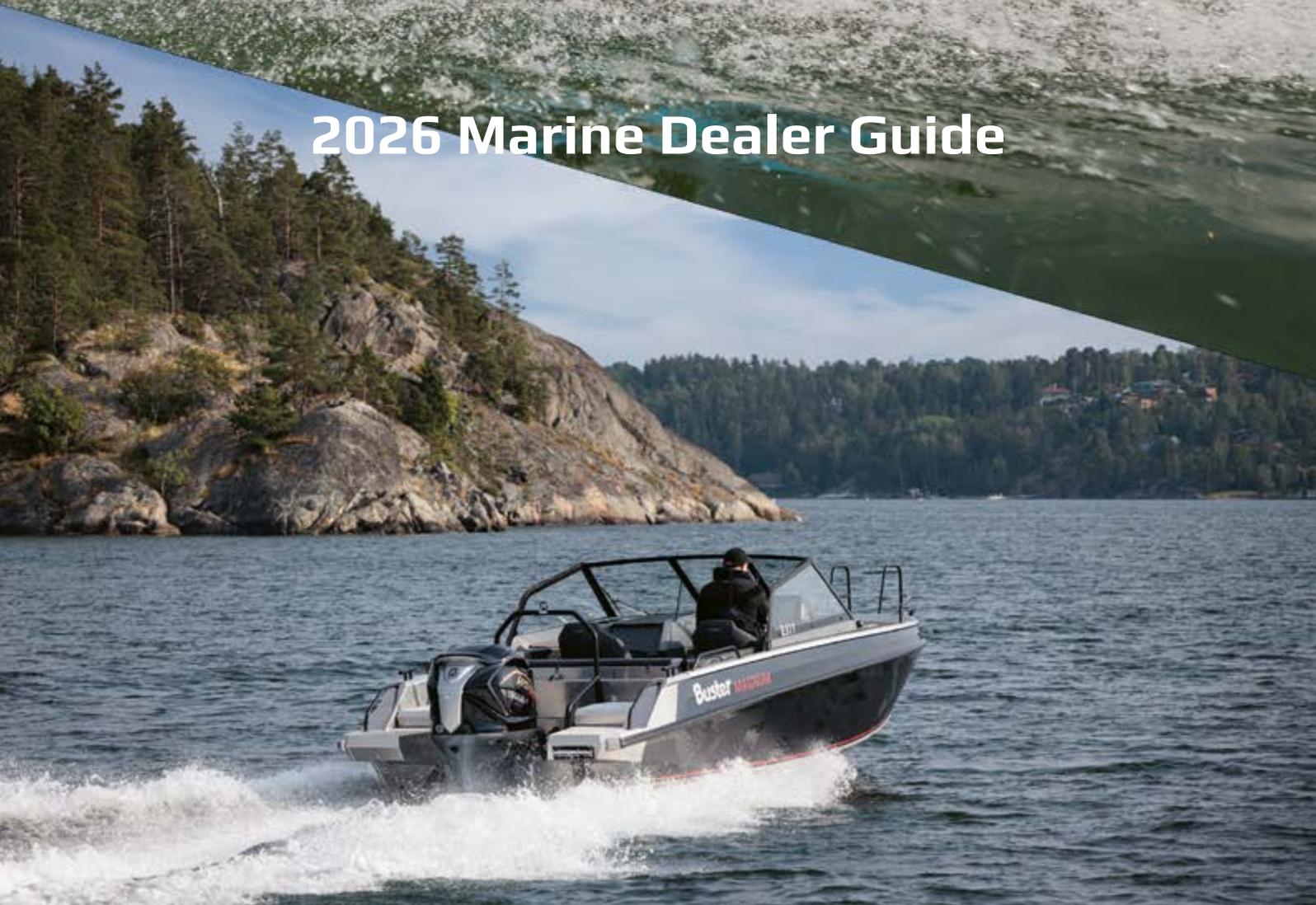




## 2026 Marine Dealer Guide



QUARKEN

YAMAHA



350

V6  
43L



# Foreword/Introduction

Yamaha is synonymous of performance, quality and reliability - and behind it is a reputation built on years of creating outboard motors and WaveRunner products that incorporate the most advanced and innovative technology. In fact, millions of water sports enthusiasts and professionals around the world choose Yamaha, simply because they know and trust this brand - and because they know we hold the same high standards and care. retail of everything we do. No wonder they also choose Yamaha for their parts and accessories.

## Concept of this Guide

This Guide has been prepared by Yamaha to keep you update of the latest components and part numbers and help you to understand the rigging installations for an effective and efficient handling in the repairs creating high customer satisfaction. Most of rigging components are part of a kit, please refer to the diagrams where you can find them depending of application. For the Latest Digital version of this book please see Ympulse link.

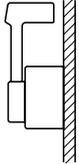
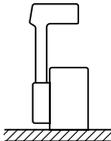
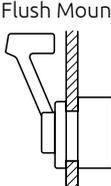


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## Remote Controls



Yamaha Remote Controls set the standard for operator comfort, convenience and flexibility. Their intuitive ergonomic designs allow for virtually effortless, one-hand control of throttle and shift functions, and allow for surprisingly easy command of horsepower and multiple engine installations.

REMOTE CONTROL TYPE	MODEL	MOUNTING POSITION	NUMBER OF ENGINES			
			Single	Twin	Triple	
DIGITAL (DRIVE-BY-WIRE) (F150G - XTO)	6X9	Top Mount				
	6X9	Flush Mount				
MECHANICAL (F30 - F200F)	703	Side Mount				
	704	Top Mount				
	6X3	Flush Mount				



## MECHANICAL REMOTE CONTROLS

Operated by mechanical cable to control throttle and shift mechanism.

### 1 - 703 SINGLE ENGINE SIDE MOUNT

Designed with broad compatibility in mind, this remote control can be fitted to almost every boat type and is compatible with almost every engine in the Yamaha Outboard range. The 703 delivers all of the basic control functions and open throttle can also be configured in either the push or pull direction. It can be used both at right side or left side configuration.



GAUGE

6Y8 (Round) / CL5



Description

Part Number

For Electric start models.

With PTT button. More versions available see Rigging guide.

703-48207-24-00



ENGINE



For Manual start models.

Pull model  
(replacement of 701 control)

703-48206-20-00

MOUNT

Side mount

For Manual start models.

Push model  
(replacement of 701 control)

703-48206-21-00

SWITCH



### 2 - 6X3 SINGLE ENGINE FLUSH MOUNT

A right-side flush mounted mechanical remote control with integrated lanyard switch. Push action to open throttle. Single key switch panel (without lanyard switch) and 10-pin wire harness supplied separately. It can be used both at right side or left side configuration.



GAUGE

6Y8 (Round) / CL5



Description

Part Number

Starboard mount

6X3-48206-10-00

Port mount

6X3-48206-21-00

ENGINE



MOUNT

Side mount

SWITCH



### 3 - 704 REMOTE CONTROL WITH NEUTRAL INTERLOCK TRIGGER

The neutral interlock trigger (N-Lock) has been added to the 704 remote control single-lever lineup to keep the remote-control lever in the neutral position. To shift out of neutral, pull the neutral interlock trigger upward and move the lever. The new remote-control body is slightly taller than the current model. The 704 Top-Mount Remote Control is designed for use with electric-start models and is ideally suited for center-console boats. It is available in single and twin-lever configurations for single and twin-engine installations.



GAUGE

6Y8 (Round) / CL5



Description

Part Number

For Electric start models.

With PTT button. More versions available see Rigging guide.

704-48205-T0-00



ENGINE



For Manual start models.

Top mount  
(replacement of 701 control)

704-48206-20-00

MOUNT

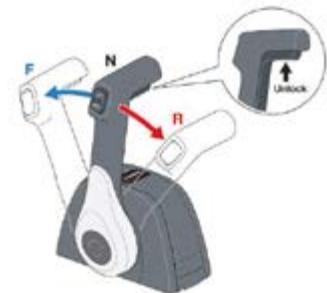
Top mount

For Manual start models.

Push model  
(replacement of 701 control)

704-48206-21-00

SWITCH



### 4 - TWIN 704 TOP MOUNT



GAUGE

6Y8 (Round) / CL5



Description

Part Number

Single

704-48205-T0-00

Twin

704-48207-R0-00

ENGINE



MOUNT

Top mount

SWITCH



# Essentials Rigging Components

## 703 THROTTLE CONVERSION

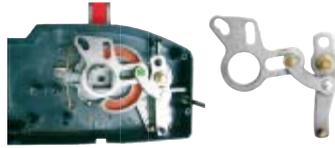
Description	Part Number
703 Conversion Kit (Pull to Open)	703-48261-11-00
703 Conversion Kit (Push to Open)	703-48261-01-00

1. Pull



703-48261-11-00

2. Push



703-48261-01-00

## 704 CONTROL SPACER WITH N-LOCK KIT

Description	Part Number
For 704 Premium Single	704-48293-60-00
For 704 Premium Twin	704-48293-50-00



## REMOTE CONTROL - REMOTE CONTROL ATTACHMENT KITS

The best way to convert your Yamaha outboard throttle and shift cable from manual to remote operation with the least amount of fuss.

- Solid & durable corrosion-resistant construction
- For use with remote controls and control cables
- Steering hook not included

We strongly recommend that all cable specification and installation work be carried out by an Authorised Yamaha Dealer, where further product details and helpful advice are always available.



Engine	Part Number
F6A / F6B / F8C / FT8D F8F / FT8G F9.9F / F9.9J / FT9.9G / FT9.9L	6DR-48501-03-00
F15C/F20B	6AH-48501-02-00
F8A/B / F9.9A/B / FT9.9A	6G8-48501-03-00
F9.9C / FT9.9D / F15A	66M-48501-01-00
F25A / F20A / FT25B	65W-48501-01-00
F25D	6BL-48501-02-00
F20G/F25G	6FM-48501-02-00



## DIGITAL DRIVE-BY-WIRE (DBW) REMOTE CONTROLS

The operation of throttle and shift is controlled electronically by the Digital Network System, providing you with smoother remote control - and with no cable friction! Multiple engine remote controls feature automatic engine RPM synchronization. Thanks to the convenience of our "plug and play" systems, rigging work is now simplicity itself - even 2nd station installation is a breeze. For more detailed information please also see the Helm Master EX section



Light up when the system is activated and in standby.

**START/STOP**  
Press this button to start or stop all engine.

**SPEED CONTROL**

**STATION**  
Press this button for active station transfer (when applicable).

**NEUTRAL HOLD**  
This button throttles up the engine(s) without shift engagement.

**TRIM ASSIST**  
Press this button to automate engine trim as you accelerate or decelerate for optimum performance and fuel economy. Five-points preset is available by specific RPG or Boat Speed \*2. Trim Assist can also be activated by compatible Yamaha gauges.

**NOTE:**  
POWER switch on the new DEC doesn't work for dual station. POWER and START/STOP switches on the new DEC doesn't work with 6DR or 6X6 switches.

**SINGLE LEVER**  
Press this button to control multiple outboards with the port-side lever only.

**CENTER ENGINE**  
Press this button to activates the system.

**POWER**  
Press this button to activates the system.

\*2: Control by Boat Speed is available only when upgraded to Autopilot or Joystick.

## 6X9 DIGITAL DBW REMOTE CONTROL

An exclusive suite of drive-by-wire remote control boxes. Available in single, twin, triple or Quad engine versions and fully compatible with Yamaha's Helm Master EX

### 1 - 6X9 SINGLE ENGINE TOP MOUNT



### 2 - 6X9 TWIN/TRIPLE/QUAD ENGINE TOP MOUNT



### 6X9 DBW SINGLE ENGINE FLUSH MOUNT

A compact, flush side-mounted digital drive-by-wire remote control box with an integrated lanyard switch. Key switch panel and main wire harness supplied separately.

### 3 - 6X9 SINGLE ENGINE FLUSH MOUNT





## Instruments

Today's boat owners demand more and Yamaha Digital Network Gauges deliver. Yamaha proudly offers a complete lineup of Digital Network Gauges designed to provide unmatched convenience, flexibility, and clarity. These advanced gauges represent the cutting edge of rigging technology, combined with the innovation and reliability you expect from Yamaha. Discover the next level of control and confidence - experience Yamaha Digital Network Gauges today.

### 6Y8 DIGITAL NETWORK GAUGES

The 6Y8 Digital Network Gauges are simple, streamlined, and sophisticated. Their large LCD displays provide clear, easy-to-read information at a glance, allowing you to monitor everything from engine performance and fuel management to trim levels, battery voltage, and more. These gauges are available as a convenient Rigging Kit (see the Display Options section for details).

### 6Y8 TACHOMETER (ROUND)

6YR-762G0-82-00 (single gauge kit)

- Engine speed • Trim position • Oil pressure • Cooling water pressure (\*2)
- Total operating hours • Trip hours • Battery voltage • Engine temperature • Maintenance interval notice • Overheat alert • Low oil pressure alert • Low battery voltage alert • Water in fuel alert • Check Engine alert • Trolling speed adjustment (depends on outboard model) • Diagnosis code



### GENERAL FEATURES:

- Each LCD display can show multiple types of information.
- Information is displayed in two formats:
  - √ Main information (large, at the top)
  - √ Sub-information (smaller, below)
- Pre-selectable sub-information for customization.
- Each LCD display performs a self-check function at start-up.
- Backlighting can be dimmed individually or simultaneously when multiple gauges are installed.

### 6Y8 SPEED/FUEL COMBINATION METER (ROUND)

6YR-762G0-91-00 (2-gauge kit)

- Boat speed (\*1) • Trip meter • Clock • Battery voltage • Fuel tank level (up to 2 tanks) • Fuel flow • Fuel consumption • Fuel economy • Seawater temperature (\*2) • Seawater depth (\*2)

(\*1) GPS connection required (NMEA 0813) or speed sensor

(\*2) Optional sensor required Multi Sensor



For details of kit please see Mechanical Remote control Display section

### CL5 GAUGE

An all-new, thin Yamaha CL5 touchscreen is small in size but big on information and ability. Its sophisticated, modern design features intuitive operation and matches the latest boat console trends. \*1

Description	Part Number
CL5 Display *1	6YM-83710-07-00
Replacement Cover	6YM-87278-00-00
Replacement Bezel	6YM-83512-00-00 (x2)



### CL5 FUNCTIONS

#### Regular indications\*2:

- Shift position
- Engine speed
- Trim position
- Engine temperature
- Cooling water pressure
- Oil pressure
- Main battery voltage
- Sub-battery voltage
- Boat speed
- Fuel economy
- Fuel consumption
- Fuel flow
- Engine operating hours

- Trip meter
- Available fuel volume
- Connections for up to 4 tanks
- Seawater temperature
- Depth
- Maintenance interval notice
- Trolling speed adjustment (depending on model)

#### Alert indication\*2:

- Overheat
- Low oil pressure
- Low voltage
- Water in fuel
- Check engine

- Check system
- Steering malfunction
- Low fuel pressure
- Yamaha security system on duty
- Engine under warming up icon
- Engine synchronization icon
- Autopilot icon and status/ bar
- Speed Control icon
- Single Lever icon
- Trim Assist icon
- Status message
- Maintenance Reminder

#### Setting \*2

- Trim Assist (On/Off) and Preset
- PTT Switch Preset (Quad engine)
- Tank Preset
- Calibration
- Steer Friction (Regular/Heavy)
- Lock to Lock (Constant/variable)
- Speed Control (RPM/GPS)
- Autopilot Setting
- Joystick and SetPoint Setting
- Reset
- Trip Information
- Diagnosis (Trouble codes)
- Maintenance Reminder

\*1 These displays are also compatible with mechanical controlled outboards, both come in convenient kits for mechanical and Drive By Wire, please see the display option section

\*2 Contents of indication may vary by outboard models and/or external accessories applied.

## 6VM Digital and Satellite Display

### YAMAHA 6VM DIGITAL DISPLAY

6VM-H35Y0-00-00 6VM COLOR ROUND GAUGE KIT

Featuring a stylish mineral glass front lens framed by a brushed black stainless-steel ring, the Yamaha 6VM Digital Display delivers a wealth of critical boat system data in a compact design—perfect for cockpits on smaller vessels with limited space.

The display includes an embedded GNSS receiver for navigation information and can directly monitor analog inputs such as fuel, trim, and tachometer. A dedicated input for the Intelligent Battery Sensor (IBS) provides essential 12V battery monitoring data. All collected data is seamlessly distributed via NMEA 2000®, thanks to its integrated certified gateway.



#### KEY FEATURES:

- Stylish black-glass design with brushed stainless-steel ring.
- Next-generation, sun-readable color hybrid display.
- Dedicated Intelligent Battery Sensor (IBS) port.
- Analog-to-NMEA 2000® gateway.
- Integrated high-performance GNSS receiver.
- NMEA 2000® certified.



### VMH 14 SATELLITE DISPLAY

6VM- H14Y0-00-00 6VM SATELLITE GAUGE

- Type: New-generation 52 mm EasyLink satellite instrument
- Connectivity: Connecting with the Yamaha 6VM Digital Display which can control up to 16 individual VMH 14 Satellite Display by using Veratron's easy daisy-chain concept.
- Supported Data Types (8):
  - √ Voltmeter
  - √ Fuel Level
  - √ Trim
  - √ Coolant Temperature
  - √ Oil Pressure
  - √ Oil Temperature
  - √ Transmission Oil Pressure
  - √ Transmission Oil Temperature
- Display: Sun-readable color display with bar graph and alarm indicators for clear, outdoor performance
- Configuration: AirWave contactless setup via smartphone app - configure settings by simply tapping your phone near the device (even without power)



#### TFT DISPLAYED DATA

Freshwater Level	Fuel Consumption
Wastewater Level	Fuel Level
Rudder Angle	Coolant Temperature
Trim	Coolant Pressure
GPS Position	Engine Oil Temperature
Course Over Ground	Engine Oil Pressure
Engine Speed (RPM)	Boost Pressure
Seawater Temperature	Ammeter
Depth	Battery Voltage
Clock	Battery State of Charge
Hour Counter (Total + Trip)	Battery State of Health
Trip Distance	Battery Autonomy
Total Fuel Used	Battery Temperature

#### ADDITIONAL DISPLAYED DATA

- √ Engine Speed
- √ Boat Speed (SOG or STW)
- √ 6 x Alarm telltales

#### SUPPORTED CONFIGURATIONS

Gauge Type	Symbol	Unit	Bar Graph Range
Fuel Level (Set as factory default)		%	1 – 100 % Default: 0 – 100 %
Trim	TRIM	%	1 – 100 % Default: 0 – 100 %
Coolant Temperature		°C / °F	0 – 200 °C Default: 40 – 120 °C
Engine Oil Pressure		bar / PSI	0 – 30 bar Default: 0 – 10 bar
Engine Oil Temperature		°C / °F	0 – 200 °C Default: 0 - 150°C
Gear Oil Pressure		bar / PSI	0 – 30 bar Default: 0 – 25 bar
Gear Oil Temperature		°C / °F	0 – 200 °C Default: 0 – 150 °C
Voltmeter	-	V	0 – 30 V Default: 11 – 14 V

\* The supported configurations may be updated at any time. Please make sure to always use the latest App version.

# Essentials Rigging Components

## SWITCH PANELS - FOR MECHANICAL REMOTE CONTROL



1 - SINGLE ENGINE KEY SWITCH WITH LANYARD

2 - SINGLE ENGINE MAIN STATION SWITCH WITH PANEL



3 - TWIN ENGINE KEY SWITCH WITH LANYARD

4 - REPLACEMENT LANYARD CORD



#	Part Number	Description	Remote control	Remark
1	704-82570-13-00	Single key switch with lanyard	For 704 single	With choke switch
2	64D-82570-23-00	Single engine Main Station switch with panel	For 6X3	with 2P coupler for Emergency Stop switch
3	6Y8-82570-05-00	Twin key switch with lanyard	For 704 twin	For Digital network system (6Y8)
4	682-82556-00-00	Engine shut-off lanyard cord	---	Replacement lanyard cord

## SWITCH PANELS - FOR DBW REMOTE CONTROL 6X6



1 - SINGLE ENGINE KEY SWITCH WITH LANYARD

2 - TWIN ENGINE KEY SWITCH WITH LANYARD



3 - TWIN ENGINE START / STOP SWITCH

4 - ALL START / STOP SWITCH



5 - DUAL STATION SELECTOR

6 - DUAL STATION SINGLE ENGINE START / STOP SWITCH



7 - DUAL STATION LANYARD SWITCH

### Switches for Single Station

#	Part Number	Description	Engine		Single Station	Dual Station	
			Single	Twin		Main Station	2nd Station
1	6X6-82570-34-00	Single engine key switch with lanyard	x		x	x	
2/3	6X6-762B0-01-00	Kit Twin engine, Start / stop Main Station. Contains Part Numbers 6X6-82570-40 & 6X6-8570-60		x	x	x	
4	6X6-82570-C0-00	All Start/Stop switch		x	x	x	

### Switches for Dual Stations

#	Part Number	Description	Engine		Single Station	Dual Station	
			Single	Twin		Main Station	2nd Station
3	6X6-82570-E0-00	Twin engine Start / Stop switch - 2nd Station		x			x
5	6X6-82570-B0-00	Station selector - Dual Station	x	x		x	x
6	6X6-82570-80-00	Single engine Start / Stop switch - 2nd Station	x				x
7	6X6-82570-90-00	Lanyard switch - 2nd Station	x	x			x

## SWITCH PANELS - FOR DBW REMOTE CONTROL 6X9 (EKS)

These are available as Kit for details see Rigging diagram section. No p/n see rigging diagram or configurator.



1 - POWER SWITCH

2 - EMERGENCY STOP SWITCH



3 - INDIVIDUAL START STOP

4 - INDIVIDUAL START STOP - ENGINE SELECTOR



5 - ALL START / STOP SWITCH

6 - INDIVIDUAL START STOP - ENGINE SELECTOR



## HARNESSES



Main harness 16P

Part name	Length (m)
6X6-8258A-90-00	1.5m (5 ft)
6X6-8258A-51-00	3.7m (12 ft)
6X6-8258A-61-00	5.2m (17 ft)
6X6-8258A-01-00	6m (19 ft)
6X6-8258A-11-00	7m (23 ft)
6X6-8258A-21-00	8m (26 ft)
6X6-8258A-31-00	10m (32 ft)
6X6-8258A-41-00	12m (39 ft)
6X6-8258A-71-00	15m (49 ft)
6X6-8258A-81-00	24m (79 ft)



Main bus wire

Part name	Length
6Y8-82553-01-00	0.3m (1 ft)
6Y8-82553-50-00	3m (10 ft)
6Y8-82553-11-00	4.6m (15 ft)
6Y8-82553-21-00	6.1m (20 ft)
6Y8-82553-31-00	7.6m (25 ft)
6Y8-82553-41-00	9.1m (30 ft)



Pigtail bus wire

Part name	Length
6Y8-82521-01-00	0.3m (1 ft)
6Y8-82521-11-00	0.6m (2 ft)
6Y8-82521-21-00	0.9m (3 ft)
6Y8-82521-31-00	1.8m (6 ft)
6Y8-82521-41-00	2.7m (9 ft)
6Y8-82521-51-00	3.6m (12 ft)



Power wire with 10A fuse  
6Y8-83553-02-00



Multi hub  
6Y8-81920-01-00



Wiring harness (For 704 & 6X3)

Part name	pins	Length (m)
688-8258A-50-00	10-pin	5m (16 ft)
688-8258A-60-00	10-pin	6m (19 ft)
688-8258A-70-00	10-pin	7m (23 ft)
6K1-8258A-40-00	10-pin	8m (26 ft)
61B-8258A-01-00	10-pin	9.5m (23 ft)



Wiring harness extension (For 703/704/6X3)

Part name	pins	Length (m)
688-8258A-10-00	10-pin	2m (7 ft)
688-8258A-30-00	10-pin	3m (10 ft)



Inline hub  
6Y8-81920-11-00



2-pin Cap  
6Y8-82582-01-00



Conversion harness (J1939) For compatible Garmin MFD

Part name	Fitting	Length (m)
6YM-83553-00-00	Straight	0.9m (3 ft)
6YM-83553-10-00	Elbow	0.9m (3 ft)



Replacement Main Harness for 703

Part name	pins	Length (m)
688-8258A-20-00	10-pin	5m (16 ft)



4-pin Cap  
6Y8-82582-11-00

# Essentials Rigging Components

## HIGH PERFORMANCE EDGE CABLES

The below features translates into improved efficiency with reduced operator effort when EDGE cables are used:

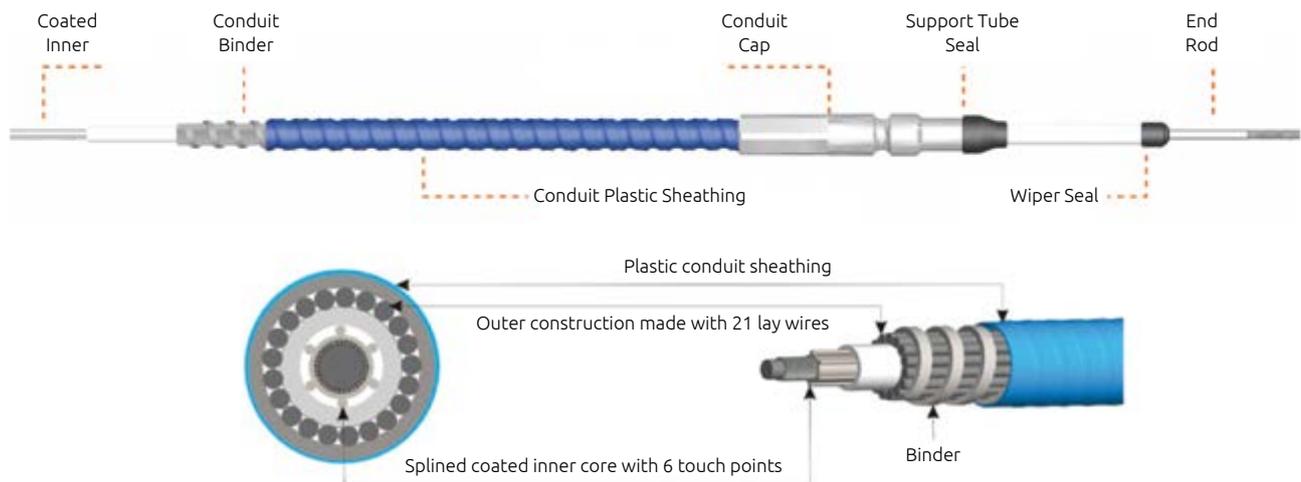
- Special Edge Conduit: Unique design of Conduit provides structural integrity and a tighter minimum bend radius.
- Improved Efficiency: Edge cables provide significantly greater efficiency due to use of low-friction materials and construction.
- Minimal Backlash: Edge cables are built allowing optimum gap between inner core and conduit, resulting in significantly minimal backlash.
- Less Friction Wiper Seal: The wiper seals are made from a polyurethane impregnated with lifetime lubricant to minimize operating friction.
- Cable Bend Radius: Edge Cable can have a minimum bend radius of 10 centimeter, making it easy for difficult to reach spaces.

## HIGH PERFORMANCE EDGE CABLES

FEET	CM	Part Number	FEET	CM	Part Number
5'	152	YME-EC133-05-00	18'	549	YME-EC133-18-00
6'	183	YME-EC133-06-00	19'	579	YME-EC133-19-00
7'	213	YME-EC133-07-00	20'	610	YME-EC133-20-00
8'	244	YME-EC133-08-00	21'	640	YME-EC133-21-00
9'	274	YME-EC133-09-00	22'	671	YME-EC133-22-00
10'	305	YME-EC133-10-00	23'	701	YME-EC133-23-00
11'	335	YME-EC133-11-00	24'	732	YME-EC133-24-00
12'	366	YME-EC133-12-00	25'	762	YME-EC133-25-00
13'	396	YME-EC133-13-00	26'	792	YME-EC133-26-00
14'	427	YME-EC133-14-00	27'	823	YME-EC133-27-00
15'	457	YME-EC133-15-00	28'	853	YME-EC133-28-00
16'	488	YME-EC133-16-00	29'	884	YME-EC133-29-00
17'	518	YME-EC133-17-00	30'	914	YME-EC133-30-00

## REMOTE CONTROL EDGE CABLES

Construction of Remote Control Edge cable



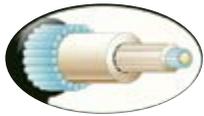
## REMOTE CONTROL CABLES (YPM)

Only the very best cable performs smoothly and reliably enough to be a match for the renowned quality of a Yamaha Remote Control.

### Premium PowerMatched control cable (YPM)



- Stainless Steel Rod
- Wiper seal
- 16" max swivel
- Nickel-plated brass sleeve
- Swivel seat
- Rotary swaged stainless steel hub
- Ultraviolet-stabilised high-density polyethylene outer jacket
- Long-lay oil-tempered wires
- High-density polyethylene liner
- Nylon-covered stranded core wire



Splines reduce contact area with liner for ultra low friction

## PREMIUM POWERMATCHED CONTROL CABLE (YPM)

These are top-of-the-line cables, with features and performance that have made them the first choice of professional riggers. The ultra-low-friction inner core wire has splines and a special cover to reduce contact with the liner, allowing rigging to even tighter tolerances; another benefit is reduced 'play' at the cable ends. We strongly recommend the use of Premium PowerMatched cables for boats with severe applications and long cable lengths, on twin-engine installations - and in fact, on any boat where unrivalled smoothness is required. These cables are designed to run smoothly even if installation demands that curves or a radius be applied within the cable run.

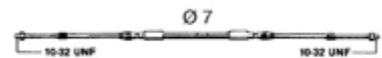
## REMOTE CONTROL CABLES (YPM)

FEET	CM	Premium (YPM)
5'	152	
6'	183	YMM-21006-PM-30
7'	213	YMM-21007-PM-30
8'	244	YMM-21008-PM-30
9'	274	YMM-21009-PM-30
10'	305	YMM-21010-PM-30
11'	335	YMM-21011-PM-30
12'	366	YMM-21012-PM-30
13'	396	YMM-21013-PM-30
14'	427	YMM-21014-PM-30
15'	457	YMM-21015-PM-30
16'	488	YMM-21016-PM-30
17'	518	YMM-21017-PM-30

FEET	CM	Premium (YPM)
18'	549	YMM-21018-PM-30
19'	579	YMM-21019-PM-30
20'	610	YMM-21020-PM-30
21'	640	YMM-21021-PM-30
22'	671	YMM-21022-PM-30
23'	701	YMM-21023-PM-30
24'	732	YMM-21024-PM-30
25'	762	YMM-21025-PM-30
26'	792	YMM-21026-PM-30
27'	823	YMM-21027-PM-30
28'	853	YMM-21028-PM-30
29'	884	YMM-21029-PM-30
30'	914	YMM-21030-PM-30

## ENTRY LEVEL CONTROL CABLE Y32

The Y32 cable is a entry level control cable that suits the needs for the smaller outboard engines.



FEET	CM	Part Number
5'	152	YME-21005-00-00
6'	183	YME-21006-00-00
7'	213	YME-21007-00-00
8'	244	YME-21008-00-00
9'	274	YME-21009-00-00
10'	305	YME-21010-00-00
11'	335	YME-21011-00-00
12'	366	YME-21012-00-00

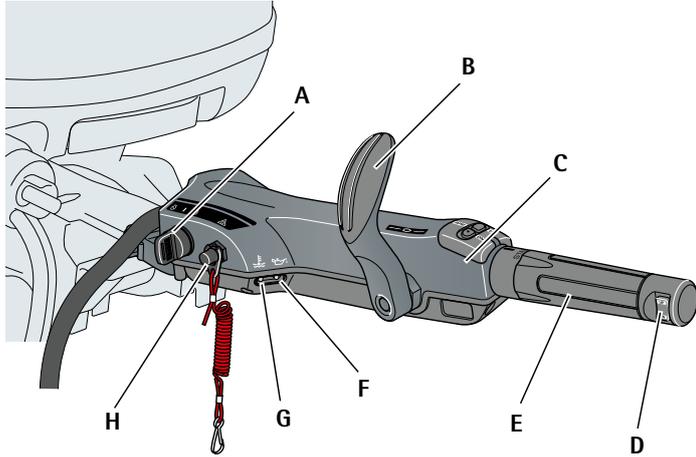
FEET	CM	Part Number
13'	396	YME-21013-00-00
14'	427	YME-21014-00-00
15'	457	YME-21015-00-00
16'	488	YME-21016-00-00
17'	518	YME-21017-00-00
18'	549	YME-21018-00-00
19'	579	YME-21019-00-00
20'	610	YME-21020-00-00

# Essentials Rigging Components

## MULTI-FUNCTION TILLER HANDLE

Our convenient 6X4 Multi-function Tiller Handle is available as an option for mid-range outboard models.

- Ergonomic design and longer, larger-diameter throttle grip
- Contoured, composite-coated lever for smooth, comfortable shifting
- Easy access Power Trim and Tilt switch for on-the-go operation
- Neat and conveniently positioned LED engine warning lamp
- Key switch and STOP switch easily accessible from the handle
- Built-in NEUTRAL switch and buzzer for simple rigging



### 1 - TILLER HANDLE - MAIN BODY

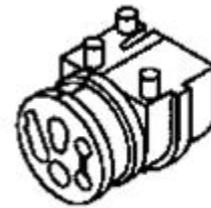
Applicable to F20 – F130\*

- A - Engine start/stop
- B - Shift control
- C - Variable trolling switch
- D - PTT Control
- E - Throttle Control
- F - Low oil pressure alert
- G - Overheat alert
- H - Emergency stop lanyard

\* F25A/F25D/FT25F are without C/F/G - depending on models - Consult your dealer

### 2 - FITTING KIT

Fitting kits may differ by outboard model, as shown in the table below



### 3 - ENGINE GROMMET

Some outboard models require an engine grommet to fit additional wire leads.

### 4 - YCOP ATTACHMENT KIT

Required to activate YCOP immobilizer installed with Multifunction Tiller Handle. See page 20 for installation details

6Y8-762A0-01-00 Y-COP Attachment Kit 6X4



OUTBOARD MODEL	1*	2	3	4
	TILLER HANDLE - MAIN BODY	FITTING KIT	ENGINE GROMMET FOR YCOP	Y-COP ATTACHMENT KIT
F20G		6X4-42102-L2-00		
F25G		6X4-42102-F2-00		
F30B/F40F/FT25F		6X4-42102-83-00	(Not Required)	
F50F/F50H/FT50G/FT50J/ F60C/ F60F/FT60D/FT60G	6X4-42103-6A-00	6X4-42102-93-00	6C5-42725-50-00	6Y8-W0035-C0-00
F70A			(Not Required)	
F80D/F100F**		6X4-42102-G3-00		
F80B/F100D		6X4-42102-A4-00	68V-42725-20-00	
F115B/F130A		6X4-42102-C3-00	(Not Required)	

\* F25A/F25D/FT25F are without C/F/G - depending on models - Consult your dealer

\*\* F100F needs installation plate 6EK-42121-00-00



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Single 2nd station level 2	82
Single 2nd station level 3	84
Single 2nd station level 4	86
Twin level 1	88
Twin level 2	92
Twin level 3	96
Twin level 4	98
Twin 2nd station level 1	102
Twin 2nd station level 2	104
Twin 2nd station level 3	106
Twin 2nd station level 4	108
Triple level 1	110
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# HELM MASTER<sup>EX</sup>



# Rigging Diagrams

## MULTI-FUNCTION 6X4 TILLER HANDLE

### SINGLE ENGINE - 6Y8 GAUGE + MULTI-FUNCTION

<b>SINGLE</b> ENGINE	<b>6X4</b> TILLER HANDLE	<b>6Y8</b> GAUGE
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Part Number	Description
<b>RIGGING KIT - 6Y8 GAUGE</b>	
6YR-762G0-82-00	6Y8 Round Tachometer Kit

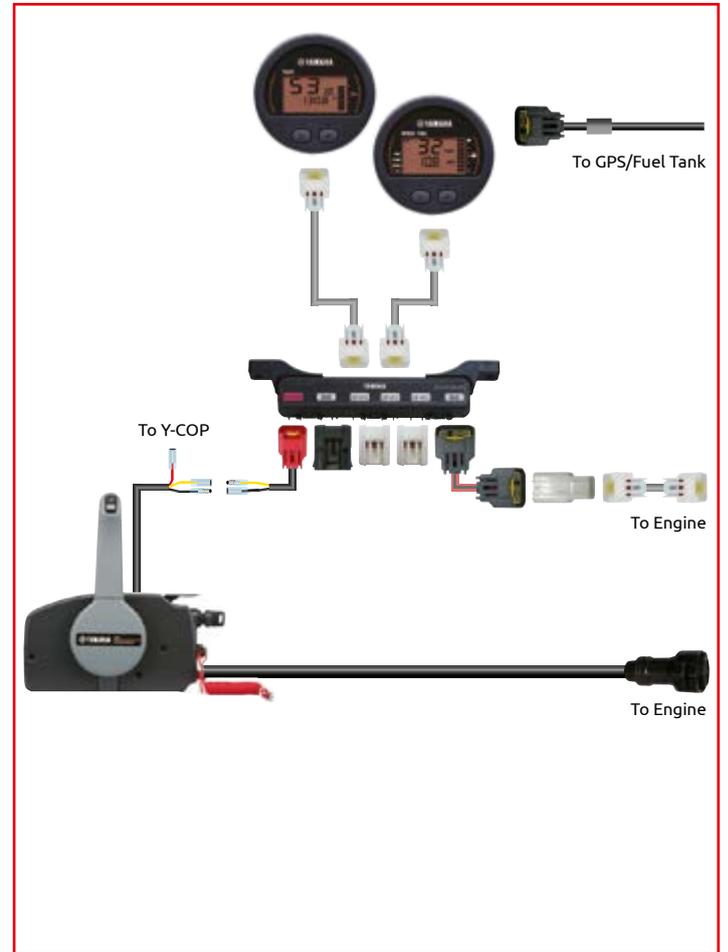
<b>MULTI-FUNCTION TILLER HANDLE</b>	
6X4-42103-6A-00	6X4 Multi-function Tiller Handle

<b>TILLER HANDLE FITTING KIT</b>	
6X4-42102-L2-00	F20G
6X4-42102-F2-00	F25G
6X4-42102-83-00	F30B/F40F
6X4-42102-93-00	F50H/FT50J/F60F/FT60G/F70A
6X4-42102-G3-00	F80D/F100F
6X4-42102-C2-00	F115B

## MECHANICAL REMOTE CONTROL 703 SIDE MOUNT

### SINGLE ENGINE - 6Y8 GAUGES

<b>SINGLE</b> ENGINE	<b>703</b> REMOTE CONTROL	<b>6Y8</b> GAUGE
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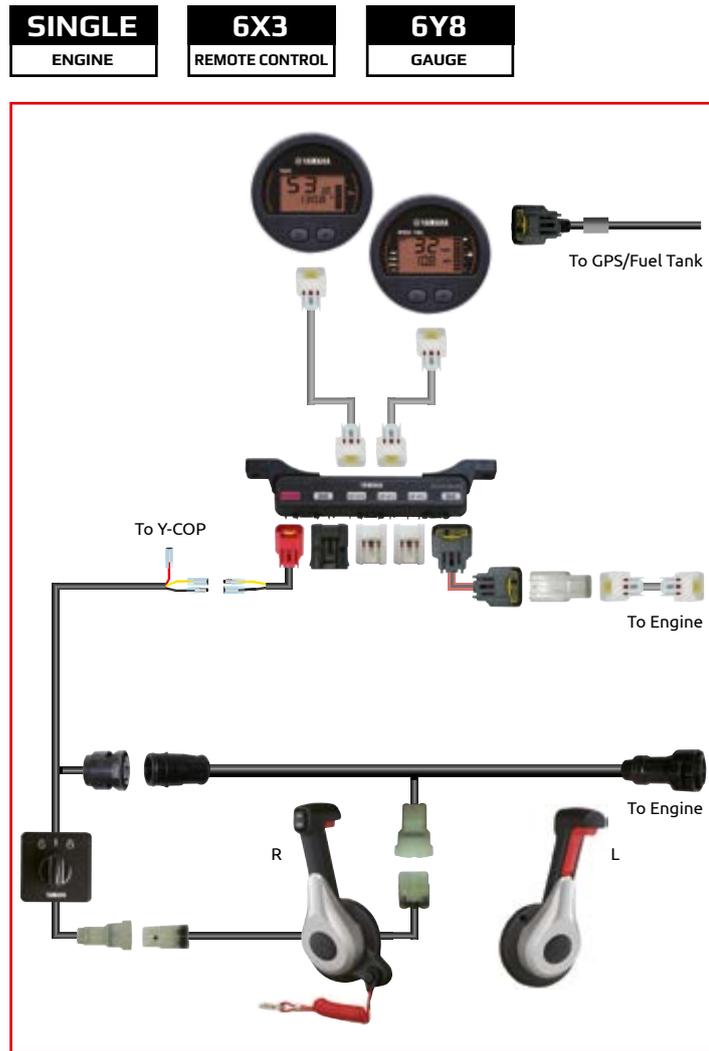


Part Number	Description
<b>RIGGING KIT - 6Y8 GAUGES</b>	
6YR-762G0-92-00	6Y8 Round Tacho + Speedo/FMM Kit (Shown above)

<b>REMOTE CONTROL BOX 703 SIDE MOUNT</b>	
Part Number	Description
703-48207-25-00	703 Side Mount Remote Control

## MECHANICAL REMOTE CONTROL 6X3 FLUSH MOUNT MECHANICAL REMOTE CONTROL 704 TOP MOUNT

### SINGLE ENGINE - 6Y8 GAUGES



### SINGLE ENGINE - 6Y8 GAUGES



Part Number	Description
<b>RIGGING KIT - 6Y8 GAUGES</b>	
6YR-762G0-92-00	6Y8 Round Tacho + Speedo/FMM Kit (shown above)

<b>PREMIUM REMOTE CONTROL 6X3 FLUSH MOUNT (RIGHT SIDE)</b>	
Part Number	Description
6X3-48206-11-00	Flush Mount 6X3 Remote Control
64D-82570-23-00	Panel switch assy Single
688-8258A-60-00	Main harness 10P 6m (19,7ft), Other lengths available

<b>PREMIUM REMOTE CONTROL 6X3 FLUSH MOUNT (LEFT SIDE)</b>	
Part Number	Description
6X3-48206-22-00	Flush Mount 6X3 Remote Control
704-82570-13-00	Panel switch assy Single, With lanyard
688-8258A-60-00	Main harness 10P 6m (19,7ft), Other lengths available

<b>HARNESS OPTIONS</b>	
Main harness 10P	Length
688-8258A-50-00	5 m (16 ft)
688-8258A-60-00	6 m (19 ft)
688-8258A-70-00	7 m (23 ft)
6K1-8258A-40-00	8 m (26 ft)
61B-8258A-01-00	9.5 m (32 ft)

Part Number	Description
<b>RIGGING KIT - 6Y8 GAUGES</b>	
6YR-762G0-92-00	6Y8 Round Tacho + Speedo/FMM Kit (shown above)

<b>PREMIUM REMOTE CONTROL 704 TOP MOUNT</b>	
Part Number	Description
704-48205-T0-00	704 Top Mount Single
704-82570-13-00	Panel switch assy Single
6K1-8258A-40-00	Main harness 10P 8m (26,7ft), Other lengths available

<b>HARNESS OPTIONS</b>	
Main harness 10P	Length
688-8258A-50-00	5 m (16 ft)
688-8258A-60-00	6 m (19 ft)
688-8258A-70-00	7 m (23 ft)
6K1-8258A-40-00	8 m (26 ft)
61B-8258A-01-00	9.5 m (32 ft)

# Rigging Diagrams

## MECHANICAL REMOTE CONTROL 704 TOP MOUNT

### TWIN ENGINE - CL5 COLOUR DISPLAY

<b>TWIN</b> ENGINE	<b>704</b> REMOTE CONTROL	<b>CL5</b> GAUGE
-----------------------	------------------------------	---------------------



Part Number	Description	Qty	Note
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#### RIGGING KIT - CL5 COLOUR DISPLAY

6YM-762R0-20-00	CL5 Counter Rotation Rigging Kit	1	
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#### KIT CONTENTS

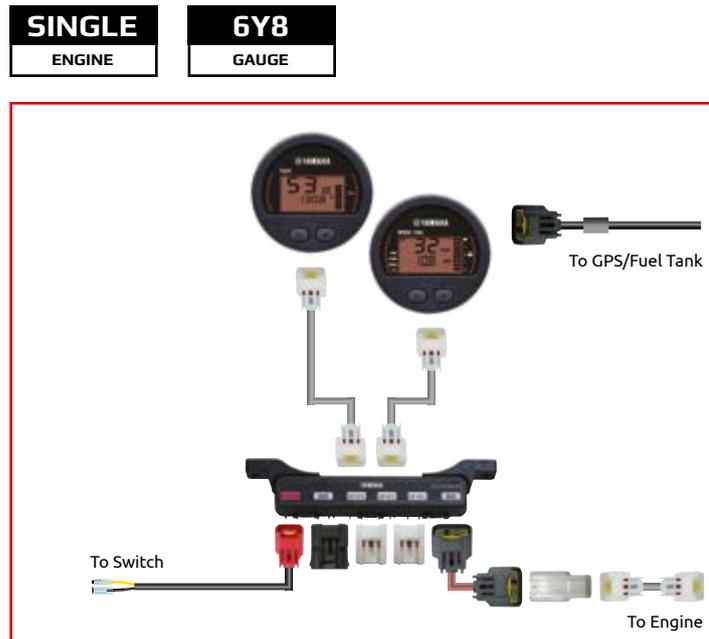
Part Number	Description	Qty	Note
6YM-762R0-20-00	Premium Remote Control Top Mount Kit	1	
704-48207-R1-00	704 Top Mount Twin	1	
6Y8-82570-04-00	Panel switch assy Twin	1	
6YM-83710-07-00	CL5 Gauge	1	
6YM-83553-00-00	Conversion harness	1	
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	2	
6Y8-82553-31-00	Main bus wire 7.6m (25ft)	1	Other lengths available
6Y8-82521-11-00	Pigtail bus wire 0.6m (2ft)	1	Other lengths available
6Y8-82521-31-00	Pigtail bus wire 1.8m (6ft)	1	Other lengths available
6Y8-82521-41-00	Pigtail bus wire 2.7m (9ft)	1	Other lengths available
6Y8-83553-01-00	System power supply	1	
6K1-8258A-40-00	Main harness 10P 8m (26,7ft)	1	Other lengths available
61B-8258A-01-00	Main harness 10P 9.5m (31ft)	1	Other lengths available
6Y8-82582-11-00	4 pin cap	3	
6Y8-82582-01-00	2 pin cap	1	

#### HARNESS OPTIONS

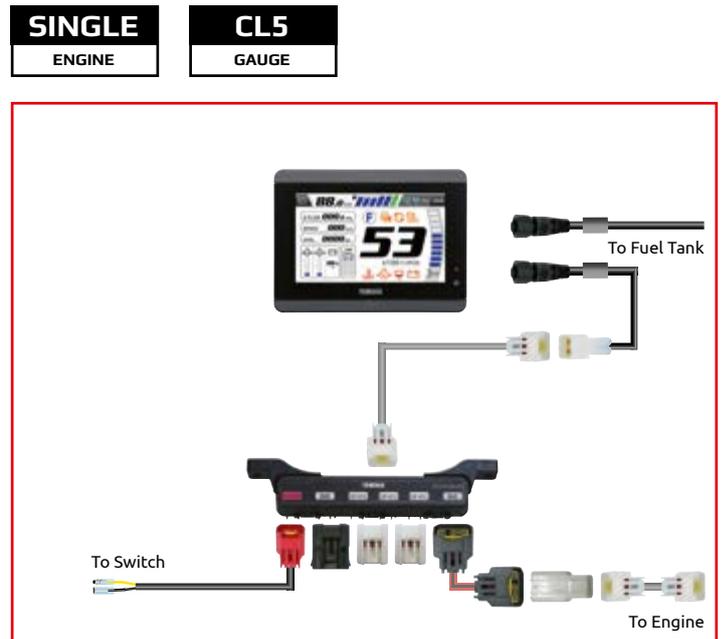
Pigtail bus wire	Length	Pigtail bus wire	Length	Main harness 10P	Length
6Y8-82521-01-00	0.3m (1 ft)	6Y8-82521-31-00	1.8m (6 ft)	688-8258A-50-00	5 m (16 ft)
6Y8-82521-11-00	0.6m (2 ft)	6Y8-82521-41-00	2.7m (9 ft)	688-8258A-60-00	6 m (19 ft)
6Y8-82521-21-00	0.9m (3 ft)	6Y8-82521-51-00	2.7m (9 ft)	688-8258A-70-00	7 m (23 ft)
				6K1-8258A-40-00	8 m (26 ft)
				61B-8258A-01-00	9.5 m (32 ft)

MECHANICAL REMOTE CONTROL (DISPLAY)

SINGLE ENGINE - 6Y8 GAUGES

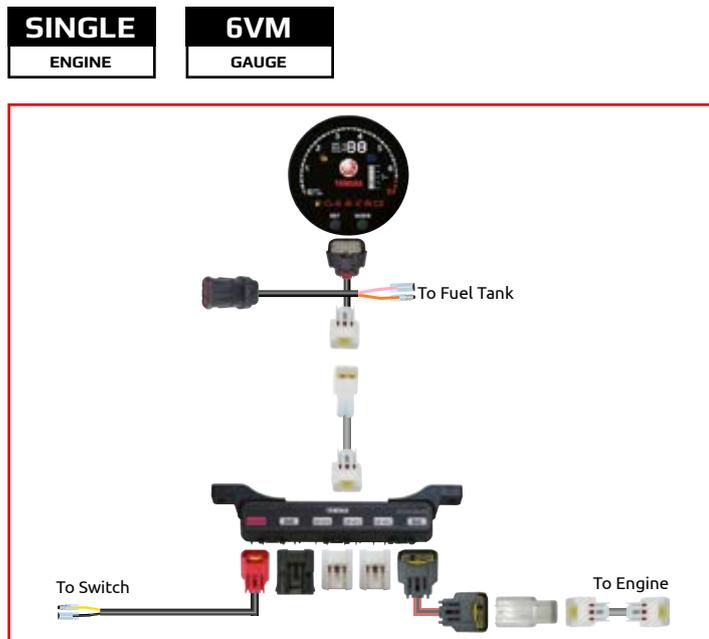


Part Number	Description
<b>RIGGING KIT - 6Y8 GAUGES</b>	
6YR-762G0-92-00	6Y8 Round Tacho + Speedo/FMM Kit (Shown above)



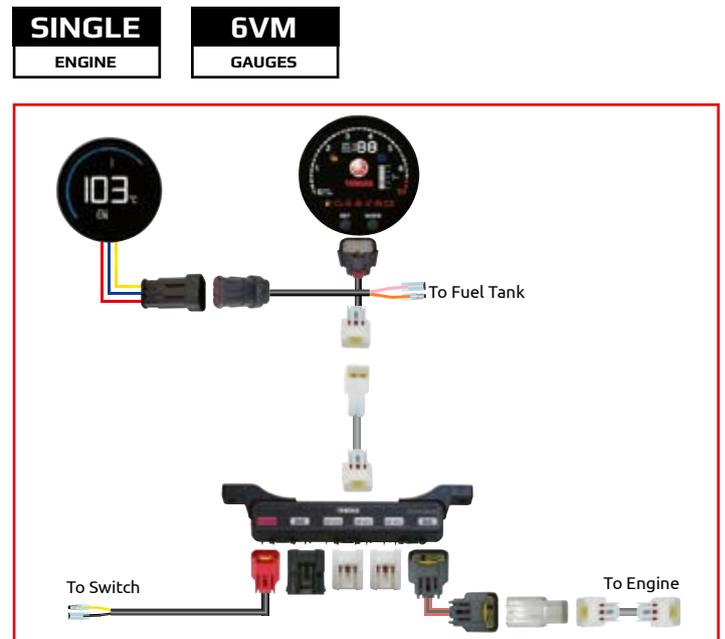
PART NUMBER	Description
	Rigging Kit - CL5 Colour Display

SINGLE ENGINE - 6VM COLOUR GAUGE



Part Number	Description
<b>RIGGING KIT - 6VM COLOUR GAUGE</b>	
6VM-H35Y0-00-00	6VM Colour Round Gauge Kit

SINGLE ENGINE - 6VM COLOUR GAUGE + SATELLITE



Part Number	Description
<b>RIGGING KIT - 6VM GAUGE</b>	
6VM-H35Y0-00-00	6VM Colour Round Gauge Kit
6VM-H14Y0-00-00	6VM Satellite Gauge

# Rigging Diagrams

## MECHANICAL REMOTE CONTROL (DISPLAY)

### 6Y8 ROUND TACHO - 6YR-762G0-82-00

<b>SINGLE</b>	<b>6Y8</b>
ENGINE	GAUGE

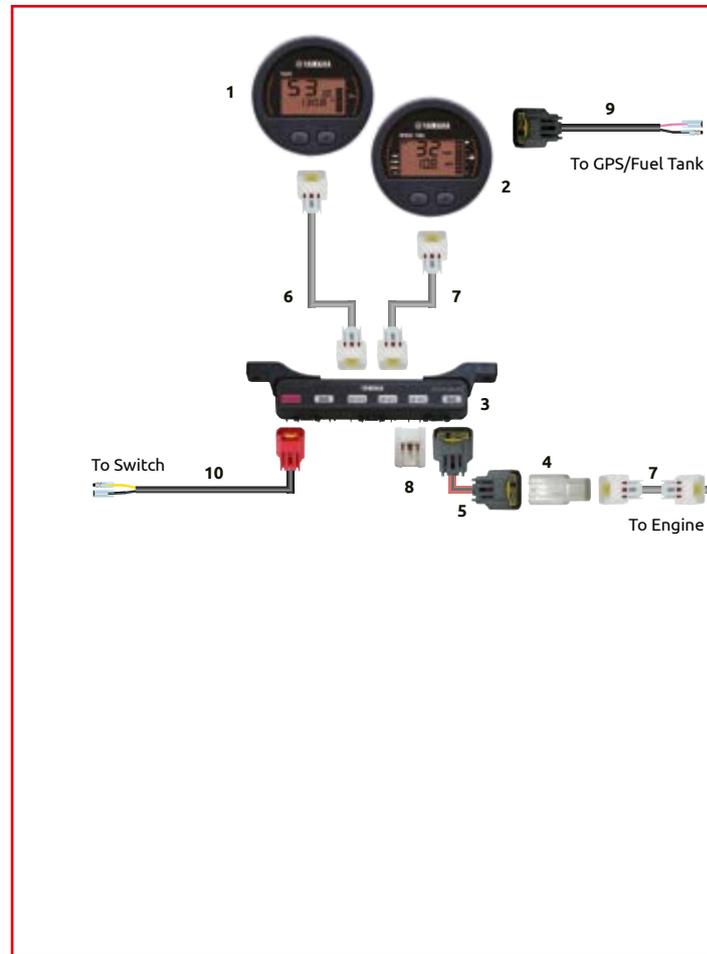


#### KIT CONTENTS

	6YR-762G0-82-00	6Y8 Round Tacho Rigging Kit	Qty
1	6Y8-8350T-22-00	Tachometer assy (Round)	1
2	6Y8-81920-01-00	Multi hub assy	1
3	6Y8-81920-11-00	Inline hub assy	1
4	6Y8-82553-21-00	Main bus harness 6 pin 6.1 m (20 ft)	1
5	6Y8-82521-41-00	Pigtail bus harness 4 pin 2.7 m (9 ft)	1
6	6Y8-82521-11-00	Pigtail bus harness 4 pin 0.6 m (2 ft)	1
7	6Y8-82582-11-00	Terminal cap (4 pin/device)	2
8	6Y8-83553-01-00	System power supply wire 2.4 m (8 ft)	1

### 6Y8 ROUND TACHO + SPEEDO - 6YR-762G0-92-00

<b>SINGLE</b>	<b>6Y8</b>
ENGINE	GAUGE



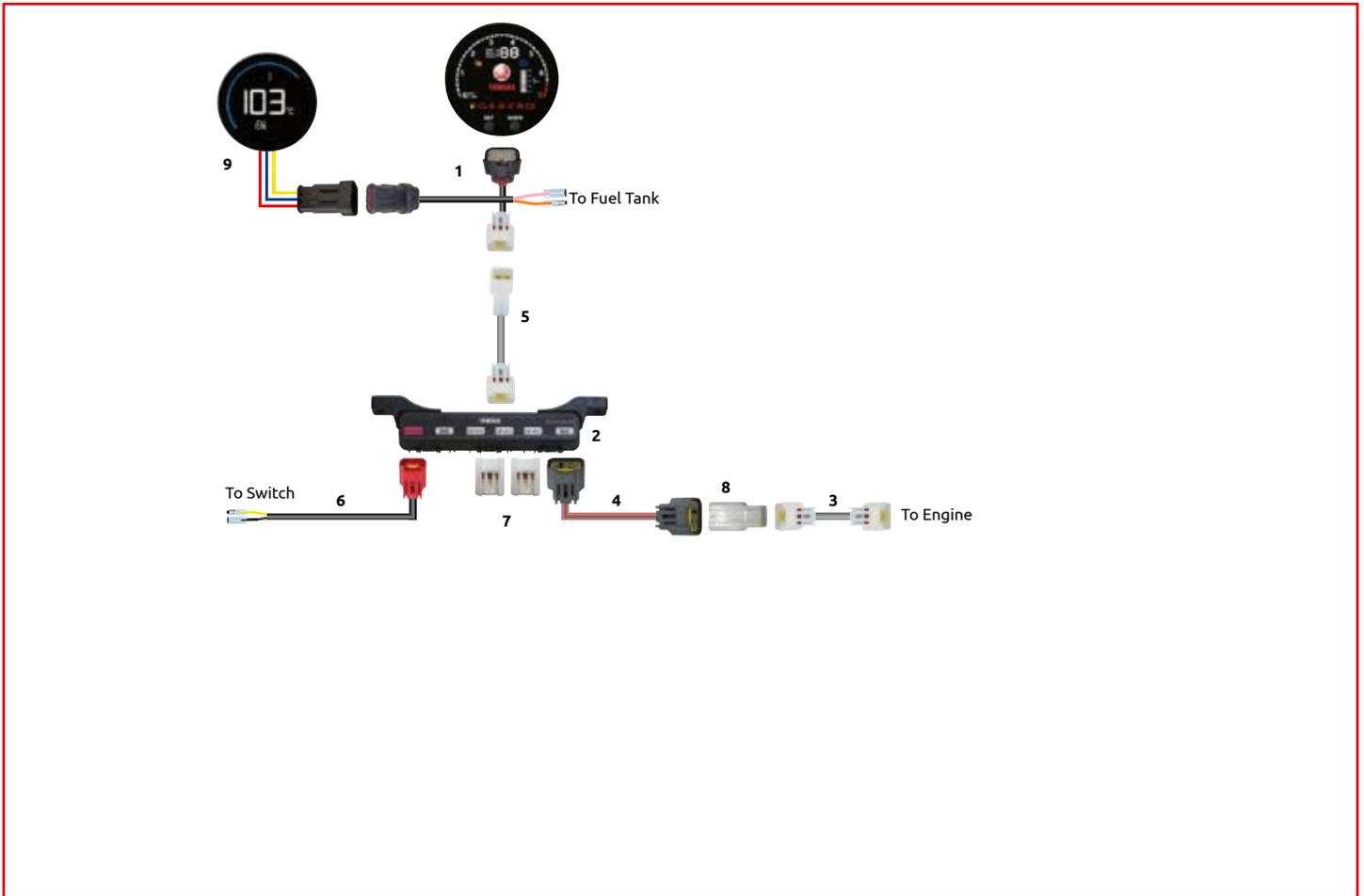
#### KIT CONTENTS

	6YR-762G0-92-00	Round Tacho + Speedo Rigging Kit	Qty
1	6Y8-8350T-22-00	Tachometer assy (Round)	1
2	6Y8-83500-21-00	Speedo & FMM meter assy (Round)	1
3	6Y8-81920-01-00	Multi hub assy	1
4	6Y8-81920-11-00	Inline hub assy	1
5	6Y8-82553-21-00	Main bus harness 6 pin 6.1 m (20 ft)	1
6	6Y8-82521-31-00	Pigtail bus harness 4 pin 1.8 m (6 ft)	1
7	6Y8-82521-11-00	Pigtail bus harness 4 pin 0.6 m (2 ft)	2
8	6Y8-82582-11-00	Terminal cap (4 pin/device)	1
9	6Y8-8356N-01-00	6Y8 PGS/Fuel wire (NMEA 0183)	1
10	6Y8-83553-01-00	System power supply wire 2.4 m (8 ft)	1

MECHANICAL REMOTE CONTROL (DISPLAY)

DISPLAY OPTION 6VM COLOUR GAUGE RIGGING KIT (6VM-H35Y0-00-00)

**6VM**  
GAUGES



**KIT CONTENTS**

	Part Name	Qty	Note
6VM-H35Y0-00-00	6VM Colour Gauge Kit	1	
1	6VM-H35Y0-00-00	1	
2	6Y8-81920-01-00	1	Multi hub
3	6Y8-82521-31-00	1	Pigtail bus wire 1.8m / 2 ft
4	6Y8-82553-21-00	1	Main bus wire 6.1m / 20 ft
5	6Y8-82521-11-00	1	Pigtail bus wire 0.6m / 2 ft
6	6Y8-83553-02-00	1	System power supply
7	6Y8-82582-11-00	2	Cap
8	6Y8-81920-11-00	1	Single hub

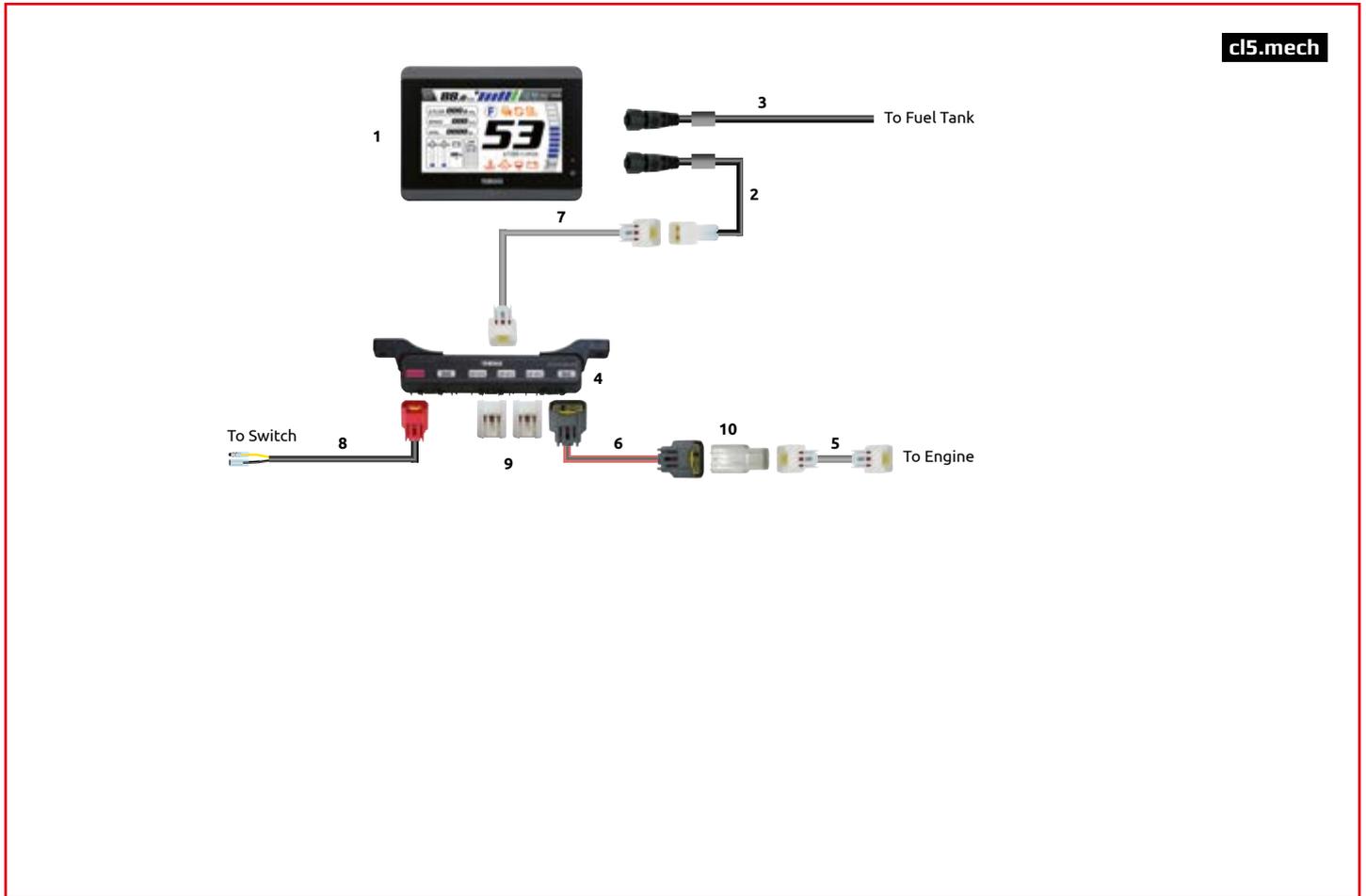
Additional	Part Name	Qty	Note
9	6VM-H14Y0-00-00	1	6VM Satellite Gauge* * Optional Gauge

# Rigging Diagrams

## MECHANICAL REMOTE CONTROL (DISPLAY)

### DISPLAY OPTION CL5 COLOUR TOUCH GAUGE RIGGING KIT (6YM-762G0-25-00)

**CL5**  
MECHANICAL



## KIT CONTENTS

	6YM-762G0-25-00	CL5 Color Touch Gauge Kit - MECH	Qty	Note
1	6YM-83710-07-00	CL5 display	1	
2	6YM-83553-00-00	Conversion harness 0.9m / 3 ft	1	Optional elbow connector 0.9m 6YM-83553-10-00
3	6YD-8356N-00-00	Fuel tank wire	1	Optional elbow connector 6YM-8356N-00-00
4	6Y8-81920-01-00	Multi hub	1	
5	6Y8-82521-31-00	Pigtail bus wire 1.8m / 2 ft	1	Other lengths available
6	6Y8-82553-21-00	Main bus wire 6.1m / 20 ft	1	Other lengths available
7	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
8	6Y8-83553-02-00	System power supply	1	
9	6Y8-82582-11-00	Cap	2	
10	6Y8-81920-11-00	Single hub	1	

## Yamaha Y-COP

Yamaha is introducing a full Yamaha Y-COP theft-deterrent system. Although it is part of Yamaha's market leading Drive-by-wire Helm Master EX line-up, it works on boats powered by any EFI Yamaha outboard, even in combination with Yamaha's previous rigging system.



### THE IMPORTANCE OF THEFT-DETERRENT SYSTEMS

Unfortunately, theft of outboard motors is a recurring story. Yamaha's Y-COP, an effective, easy to install and simple to use theft deterrent system, is available as an option for all Yamaha EFI outboards.

As a unit with enabled Y-COP can only be unlocked by the owner, this will significantly reduce the interest in stealing Yamaha outboards. This is not only a 'peace of mind' for the customer, but will, in many countries, also reduce his insurance costs. (the customer should check with his insurance company whether and what benefits he will get after installing Y-COP).

With Yamaha's new Helm Master EX suite of Rigging components, there is a new, more advanced, version of Y-COP available

### YAMAHA'S NEW Y-COP VERSION

The latest version of Y-COP consists of an all updated key-fob and a separate receiver, to be mounted behind the dashboard. As the unit is directly linked to the outboard's ECU, it prevents the engine from starting when activated.



The buoyant key-fob is water resistant enough to survive short immersion in un-deep water. Two fobs are provided with each Electronic Key Switch (EKS) panel, and up to four more can be programmed into the system.

If necessary, such as in the case of loss, the operator can unlock the system using a four-digit code assigned at the factory or one chosen by the operator. Additionally, the battery-operated fob self-monitors its battery level and audibly alerts the operator when the battery is low.

Together with the kit comes a 'Y-COP' sticker which can be put on the engine cowling or the console next to the electronics panel, to clearly indicate the engines are equipped with a Y-COP immobilizer.



### EASY OPERATION OF YAMAHA'S NEW Y-COP

To lock the boat, simply turn-off the outboards and push the lock-button on the floating key-fob. Via the receiving unit, the outboard's ECU will be locked. A single 'beep' will sound on the boat, to assure the outboard (-s) are not possible to start anymore.

Upon arriving back at the boat, just getting close to the receiving unit in the console, will automatically release the outboards again, indicated by a double 'beep' sound. There is no need to take the key-fob out of your pocket!

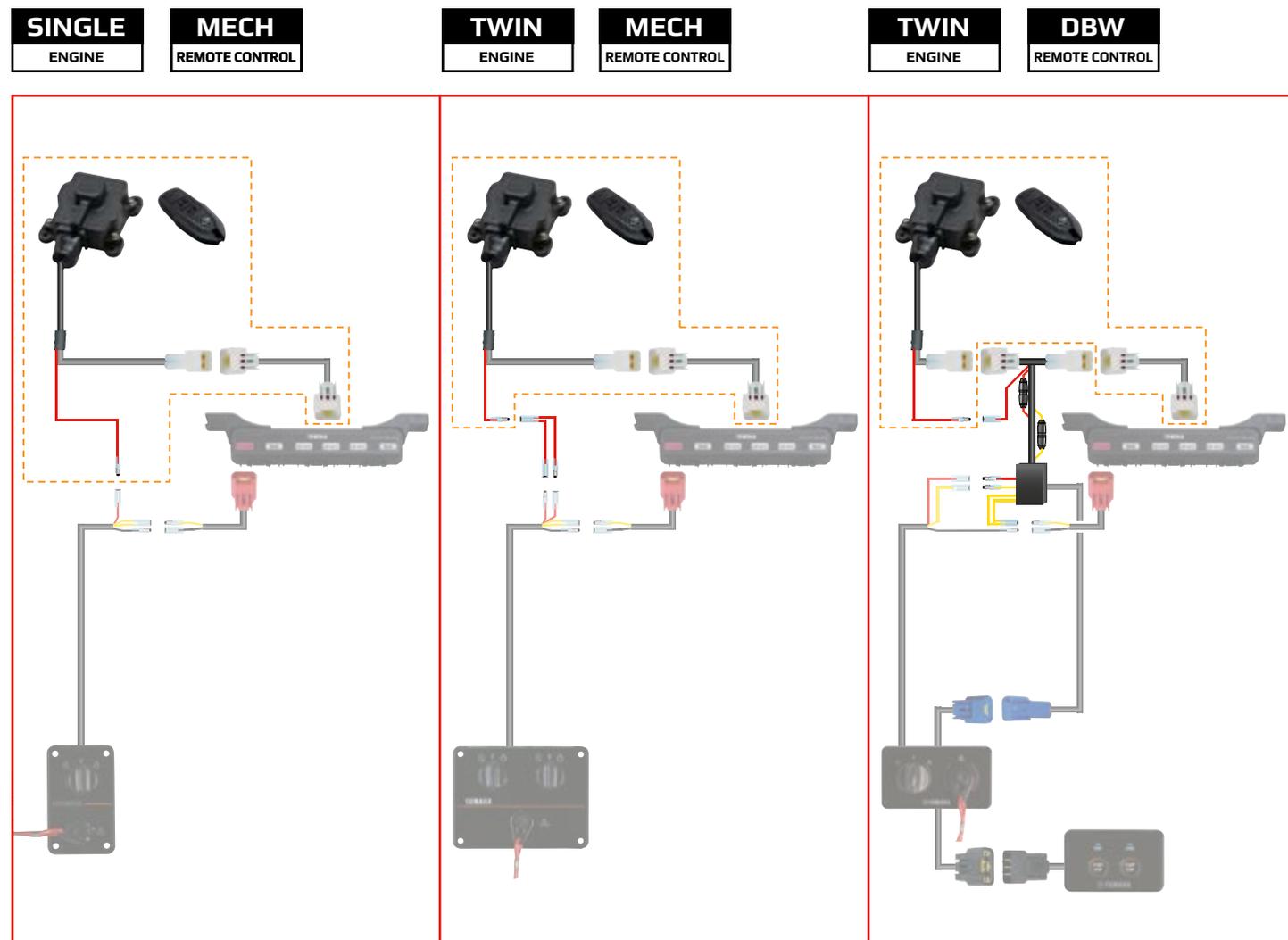
# Rigging Diagrams

## Y-COP

### Y-COP SINGLE ENGINE

### Y-COP TWIN ENGINES (MECH)

### Y-COP TWIN ENGINES (DBW)



### Y-COP WITH SINGLE ENGINE

Part Number	Description	Qty	Note
<b>Y-COP KIT</b>			
6X9-762D0-04-00	Y-COP Kit	1	

### KIT CONTENTS

6X9-86260-00-00	Receiver assy and 2 key fobs	1	6X9-86261-00-00 Key fob
6Y8-82521-11-00	Pigtail Bus Wire	1	0.6m (2 ft)

### Y-COP WITH MULTIPLE ENGINES (MECHANICAL REMOTE CONTROL)

Part Number	Description	Qty	Note
<b>Y-COP</b>			
6X9-762D0-04-00	Y-COP Kit	1	
6H5-81315-00-00	Y-COP Power Distribution Wire (for multiple engines / Mechanical control)	1	

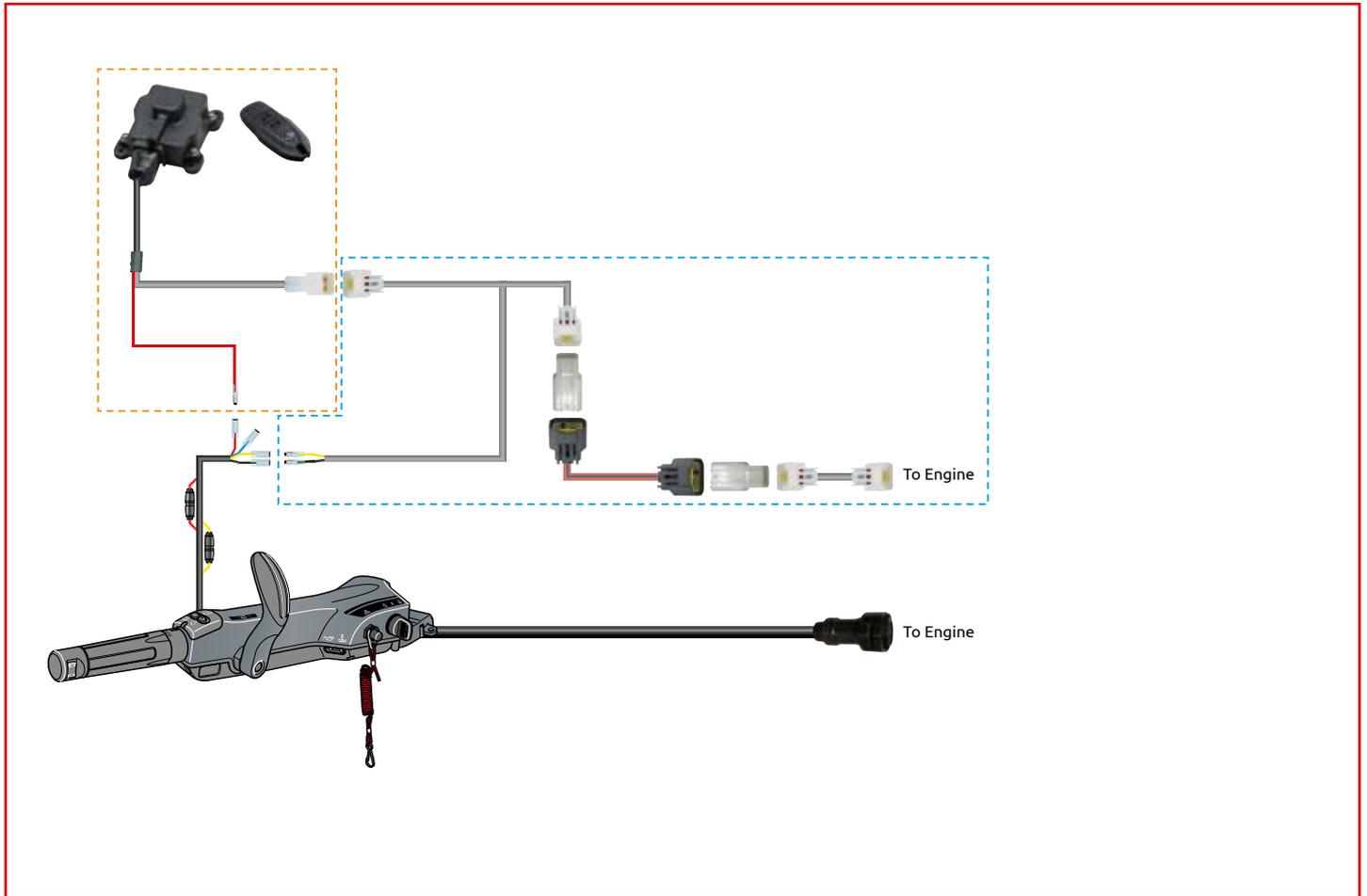
### Y-COP WITH MULTIPLE ENGINES (DBW REMOTE CONTROL)

Part Number	Description	Qty	Note
<b>Y-COP</b>			
6X9-762D0-04-00	Y-COP Kit	1	
6Y8-81315-01-00	Y-COP Power Distribution Wire (for multiple engines / DBW control)	1	

Y-COP

Y-COP WITH 6X4 MULTI-FUNCTION TILLER HANDLE

<b>SINGLE</b> ENGINE	<b>6X4</b> TILLER HANDLE
-------------------------	-----------------------------



Part Number	Description	Qty	Note
<b>Y-COP</b>			
6X9-762D0-04-00	Y-COP Kit	1	
6Y8-762A0-01-00	Y-COP Attachment Kit (required for Y-COP + 6X4 handle installation)	1	

**Y-COP ATTACHMENT KIT 6X4 CONTENTS**

6Y8-82521-51-00	Pigtail Bus Wire	1	3.6m (12 ft)
6Y8-81920-11-00	Single hub	1	
6Y8-82553-01-00	Main Bus Wire	1	0.3m (1 ft)
6Y5-83553-M1-00	Wire lead	1	2.5m (8 ft)
6Y8-82117-00-00	Pigtail Bus Wire with power lead	1	

**ENGINE GROMMET FOR Y-COP HARNESS\***

6C5-42725-50-00	F50H/FT50J/F50F/FT60G	1	
68V-42725-20-00	F80B/F100D/F115A	1	

\*Required for Y-COP + 6X4 Tiller Handle installations on the specific engine models listed above.

**Y-COP KIT (6X9-762D0-00-00) SPARE PARTS**

6X9-86261-01-00	Kit of 2 spare key fobs	2	433Mhz (EU)
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## Innovation in control and comfort

Designed for professionals, enthusiasts and casual users alike, Yamaha's market leading Helm Master EX control rigging system makes boat operations both easy and enjoyable with a sophisticated array of features. It is designed for both single and multiple outboard engine set-ups.

### FUNCTION TABLE

Function	Digital Electronic Control	Digital Electronic Steering	Autopilot	Joystick
	Level 1	Level 2	Level 3	Level 4
Variable Troll RPM Switch (VTS)	x	x	x	x
Single Lever	x	x	x	x
Speed Control	x	x	x	x
Pattern Shift	x	x	x	x
Trim Assist	x	x	x	x
Center Engine	x	x	x	x
Neutral Hold	x	x	x	x
Adjustable Lock to Lock		x	x	x
Adjustable Steering Friction		x	x	x
Heading Hold			x	x
Course Hold			x	x
Pattern Steer			x	x
Track Point			x	x
Bow thruster Integration			x	x
Joystick Hold				x
Autopilot with Joystick Adjustability				x
Joystick Maneuverability (incl. Single Engine)				x
SetPoint® Suite Features (incl. Single Engine)				x
Track Point with SetPoint® Final Stop				x
Electronic Key Switch (EKS) with Y-COP®	x	x	x	x
CL5 Display	x	x	x	x
MFD Interfaces	x	x	x	x
MOB Detection				x *1
Wireless Controller Maneuverability				x *1
Wireless Operation of Windlass and Light				x *1

\*1: This function is available when using a wireless station.



## Digital Electronic Control (DEC)

The operation of throttle and shift is controlled electronically by the Digital Network System, providing you with smoother remote control - and with no cable friction! Multiple engine remote controls feature automatic engine RPM synchronization. Thanks to the convenience of our "plug and play" systems, rigging work is now simplicity itself - even 2nd station installation is a breeze. For more detailed information please also see the Helm Master EX section.

**Light up when the system is activated and in standby.**

**START/STOP**  
Press this button to start or stop all engine.

**SPEED CONTROL**

**STATION**  
Press this button for active station transfer (when applicable).

**NEUTRAL HOLD**  
This button throttles up the engine(s) without shift engagement.

**TRIM ASSIST**  
Press this button to automate engine trim as you accelerate or decelerate for optimum performance and fuel economy. Five-points preset is available by specific RPG or Boat Speed \*2. Trim Assist can also be activated by compatible Yamaha gauges.

**NOTE:**  
POWER switch on the new DEC doesn't work for dual station. POWER and START/STOP switches on the new DEC doesn't work with 6DR or 6X6 switches.

**SINGLE LEVER**  
Press this button to control multiple outboards with the port-side lever only.

**CENTER ENGINE**  
Press this button to activates the system.

**POWER**  
Press this button to activates the system.

\*2: Control by Boat Speed is available only when upgraded to Autopilot or Joystick.



### SPEED CONTROL

Once you reach your desired RPM or Boat Speed \*2 by the control lever(s), press speed UP or DN button to hold or throttle up or down with the touch of a button. Buttons are conveniently located on the port-side lever for easy use with Single Lever mode.

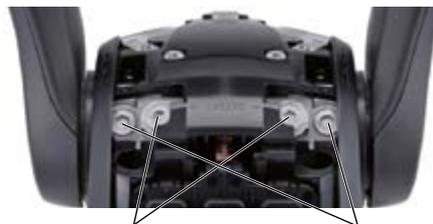
### SELECTABLE REMOCON LED COLOR



- : Blue (Default)
- : Sky
- : Mint
- : Green
- : Yellow
- : Red
- : Sakura
- : Purple
- : White

### FRICITION ADJUSTMENT / DETENT ADJUSTMENT

The weight of the control lever movement and the click feeling when shifting can be adjusted to customer preference.

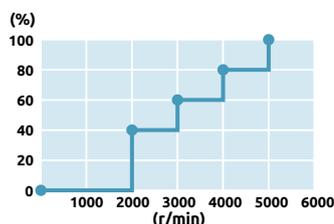


Detent adjustment screw

Friction adjustment screw

### PATTERN SHIFT

Activated when you are in-gear (trolling) and press speed DN, system takes care of automatic shifting to further lower trolling speed. Applicable also to reverse shift. You can go as far as 10% in gear and 90% out of gear.



### INDIVIDUAL TRIM CONTROL



## Digital Electronic Control (DEC)

With great ergonomic comfort and new capabilities, the all-new Helm Master EX control is available in single handle, or twin handle for twin- through quad-engine installations. In both instances, the base of the control is the same, allowing for easier, more consistent installation between models.

Additionally, there is one simple wire leading to a bank of one or more separate ECUs (one per engine), mounted remotely. There are no additional ECUs needed for second station installations, making under-console and second station rigging streamlined and less complex.

### SEPARATE ECU



for Single engine



for Twin engine



for Triple engine



for Quad engine



The easily accessible port helps Yamaha dealers connect YDIS for system compatibility scan, diagnosis and updating software.



Single engine control



Flush Side-mount



Multiple engine control

## Highlighted features

### SINGLE LEVER OPERATION

Press this button to control multiple outboards with the port-side lever only.



### TRIM ASSIST

Trim Assist automatically trims the outboard to operator pre-set levels at chosen engine speeds to make operation easier, particularly for new captains or those with a heavy task load. This function can be initiated directly from all Helm Master EX controls (single or twin binnacle and side flush-mount). Activation/de-activation remains available through the CL5 or MFDI-equipped display, as well.



### LOCK TO LOCK AND STEERING FRICTION

With new variable lock-to-lock settings (four to nine rotations) and adjustable steering friction (100 – 200 percent) become available automatically based on outboard rpm. Customer can also choose to select heavier steering load manually (like when in heavy seas, for example) or can set the DES system to not use auto-increase/decrease features.



## Autopilot

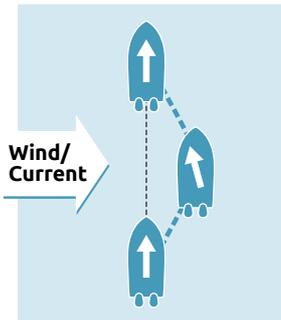
### AUTOPILOT FUNCTIONS

Heading Hold automatically maintains set compass heading but allows for drift. Course Hold keeps course, even under current and/or wind. Track Point pilots automatically along an operator-set of waypoints (route)\*



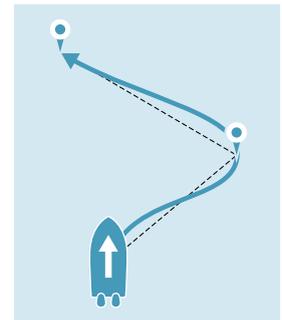
### Standard Autopilot functions

#### Course Hold



Holds the vessels course automatically adjusting for wind or current drift.

#### Track Point \*1



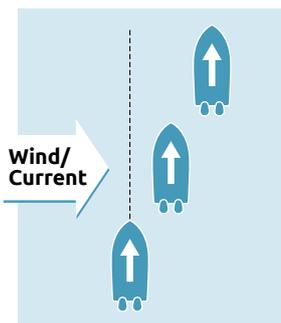
Navigates through operator selected MFD waypoints.

#### Bow Thruster

Please see the Bow Thruster integration section in the Helm Master EX section for more details and requirements.

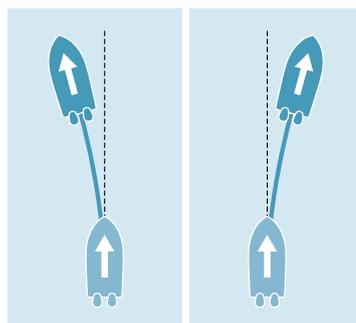


#### Heading Hold



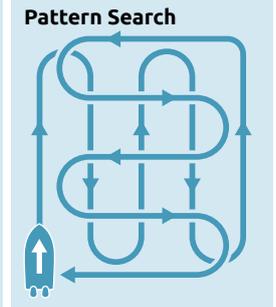
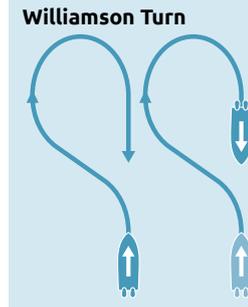
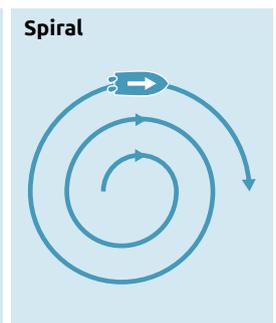
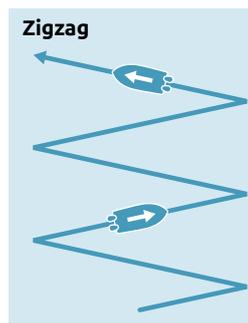
Holds the vessels compass setting. Applicable also to reverse shift for enhanced back trolling.

#### Arrow Buttons



Press this button to change the set heading of your boat at Heading/ Course Hold modes. Short press: 1 degree increment. Long press: 5 degrees increment. Hold the button down for further steering.

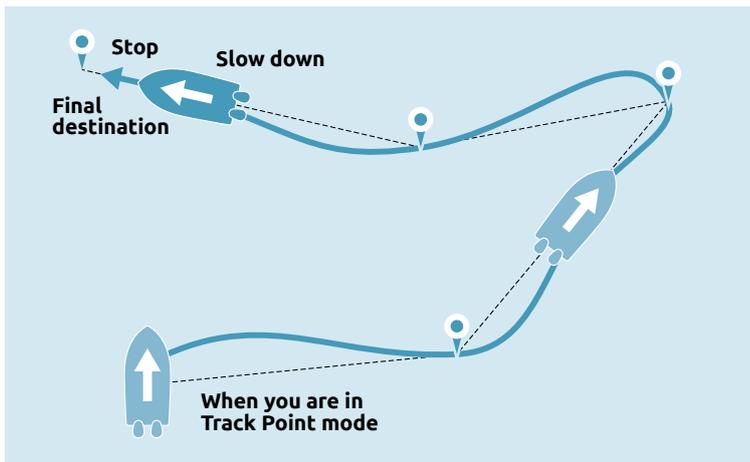
#### Pattern Steer



Pre-selected patterns that are adjustable - Spiral and Zig-zag - useful to find signs of fish at a target spot.

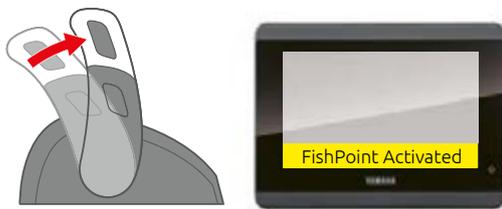
### TRACK POINT with SETPOINT

Approaching the final destination of Track Point, the boat will automatically slow down and finally stop \*3.



Upon arrival at final destination, shifting neutral activates either of following;

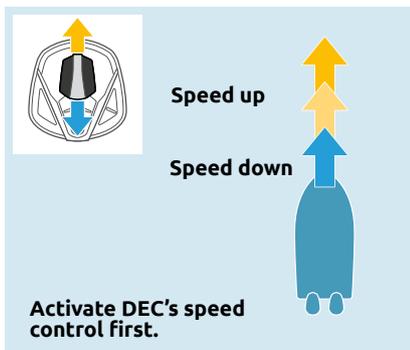
- Boat stop automatically, then SetPoint \*2
- Boat stop automatically (no SetPoint)
- No automatic stop



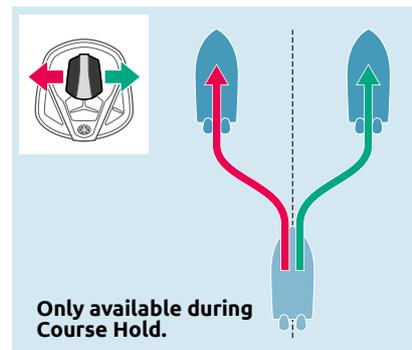
### Autopilot with Joystick Adjustability \*2

More intuitive Autopilot control by Joystick knob - adjustment of speed, course and heading without touching steering wheel or throttle levers.

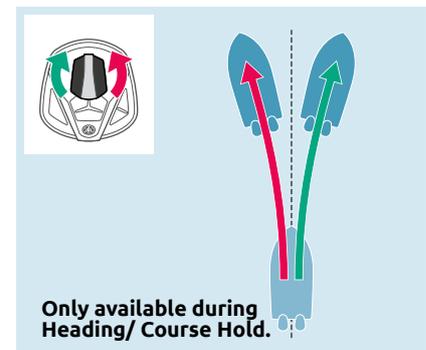
#### Speed Adjust



#### Course Adjust



#### Heading Adjust



\*1: The latest version of NMEA2000 Gateway (6YG) or compatible Multifunction display is required for Track Point and DriftPoint Track to obtain MFD navigation route information via NMEA 2000 network.

\*2: Available when upgraded to Joystick (full upgrade).

\*3: Boat may pass by the final destination depending on MFD.

\* Autopilot/ SetPoint do not monitor or avoid people, other boats, obstacles, etc. Skipper needs to stay at helm with lanyard switch and keep proper lookout to avoid collisions.

## Joystick

### JOYSTICK MANEUVERABILITY AND SETPOINT FEATURES

Previously available only for multiple engines, Helm Master EX is now also available for single engine applications.

**Staypoint** (not available on single engine installation) Seeks to automatically maintain both boat heading and position.

**Fish Point** Seeks to automatically maintain boat position (not heading).

**Drift Point** Seeks to maintain heading only while allowing natural drift.

### SELECTABLE REMOCON LED COLOR

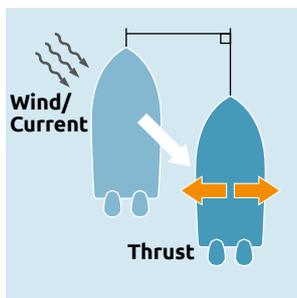


-  : Blue (Default)
-  : Sky
-  : Mint
-  : Green
-  : Yellow
-  : Red
-  : Sakura
-  : Purple
-  : White

### SETPOINT suite features

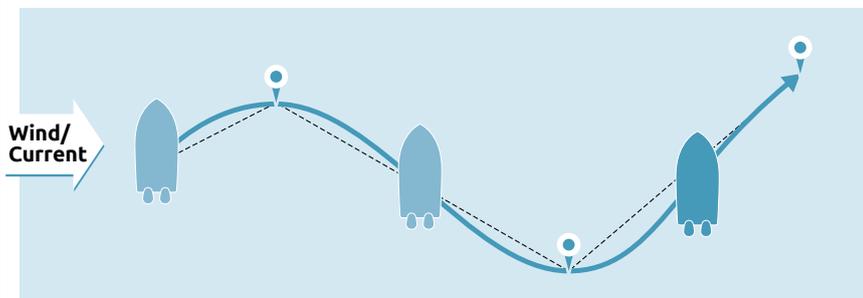
SetPoint® has three primary modes - StayPoint®, FishPoint® and DriftPoint® - offers captains even greater control for situations such as fishing, controlled drifting and maintaining position.

#### DRIFTPOINT



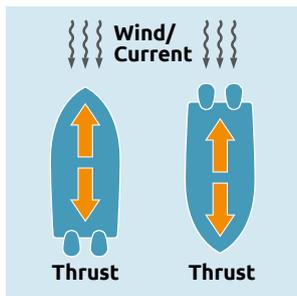
Keeps heading.  
Great for drift-fishing a wreck or kite fishing.

#### DRIFTPOINT TRACK \*3



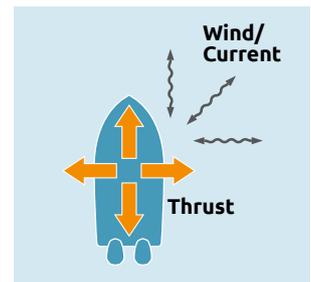
Keep the heading and drift to trace the waypoint (s) which you set from MFD - like following same depth contour or keeping distance from shore. You can enter this mode to push DRIFTPOINT button when MFD navigation route is set.

#### FISHPOINT



Keeps position.  
This mode uses minimal RPM to hold your position. Perfect for stationary fishing.

#### STAYPOINT



Keeps position and heading.  
Handy when waiting for a bridge or for your turn to approach a fuel dock.

#### JOYSTICK

Press this button to activate Joystick maneuvering mode shown in the adjacent page.



#### Thrust Adjustment

5 steps Joystick thrust adjustment. It can also adjust Autopilot steering sensitivity.

## Joystick maneuvering

Low speed Joystick maneuvering is extremely intuitive and useful for various occasions like docking, turning in the confined space or navigating through no-wake zone. Single-hand, fingertip joystick operation integrates control of the throttle, shift and steering – instead of multiple boat operating devices like conventional steering wheel and control levers.

### Standard maneuver

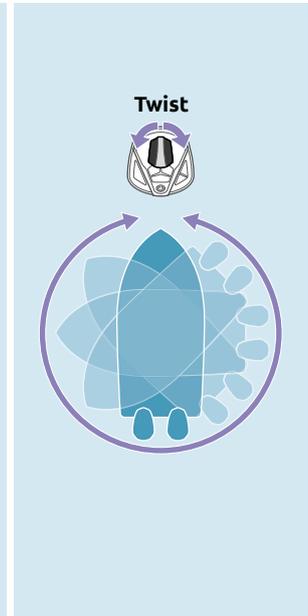
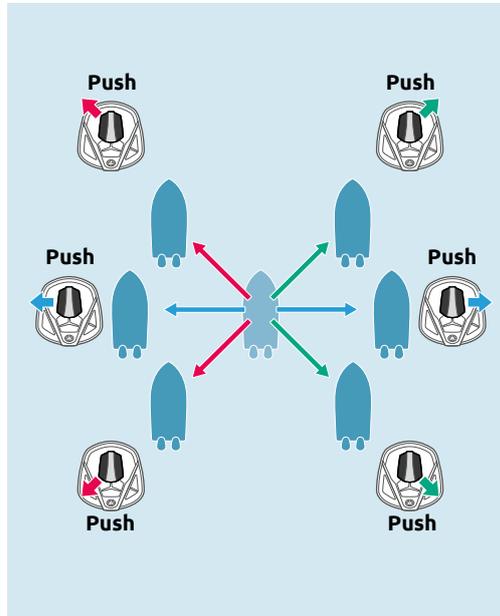
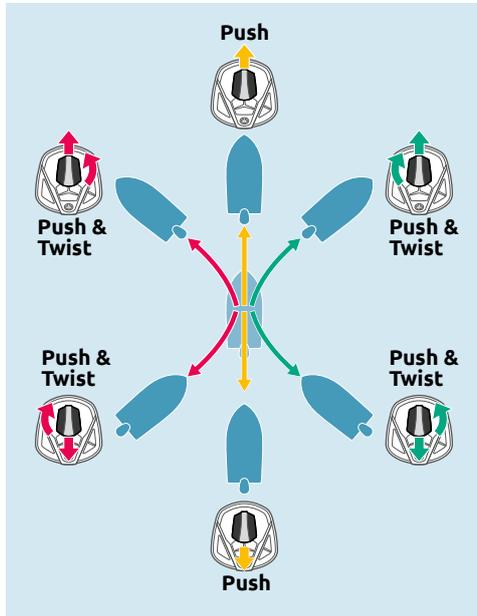
Moving forward, backward, and turn right or left

### Lateral maneuver

Moving left, right or diagonal

### Pivot-turn maneuver

Rotating left or right on the spot



### Multiple engines



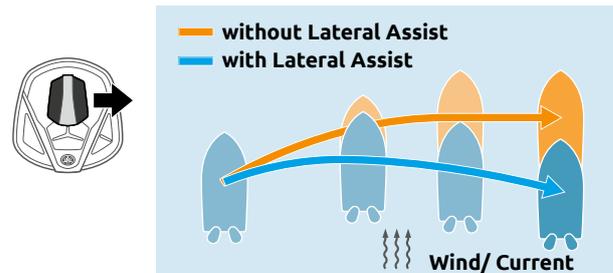
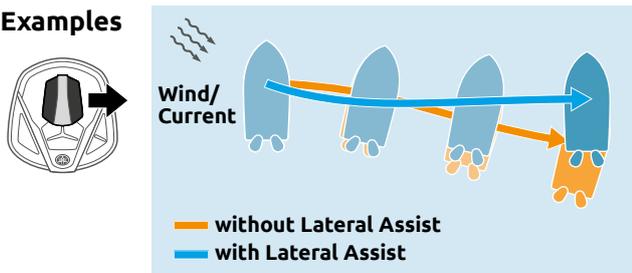
### Single engine



## Lateral Assist™ \*4

Helps maintain straight-line movement of the boat upon sideways or diagonal joystick input, regardless of wind or current.

### Examples



- \*1: Joystick maneuvering performance, especially sideways move is dependent on boat/ engine application
- \*2: Joystick sideways operation and StayPoint are not applicable to single engine application.
- \*3: The latest version of NMEA2000 Gateway (6YG) is required for Track Point and DriftPoint Track to obtain MFD navigation route information via NMEA 2000 network.
- \*4: Joystick Calibration is required for Lateral Assist function.
- \* Autopilot/ SetPoint do not monitor or avoid people, other boats, obstacles, shoal, etc. Skipper needs to stay at helm with lanyard switch and keep proper lookout to avoid collisions.

## JOYSTICK ONLY STATION

Using only a joystick and a CL5 or Yamaha MFDI-equipped display, it is now possible to create a 2nd or 3rd station for boat maneuvering and positioning. The main helm needs to be equipped with Helm Master EX level 4 This offers great additional control in minimum space. Please refer to joystick only section for connections.



## Wireless controller

Helm Master™ EX Wireless Station gives you freedom to maneuver onboard. Compact wireless controller and twist-action trigger are designed for one-handed operation.



**Wireless Controller      Cradle**

### Customer feature and benefit

- Standard Autopilot functions - Heading/Course Hold
- Low speed autopilot with pattern shift
- Ergonomic compact design for onehanded operation
- Wireless for free on-board maneuvering \*1
- Simple and user-friendly interface with display
- SetPoint™ Suite Features - StayPoint™, FishPoint™, DriftPoint™ and DriftPoint™ Track
- Single engine Joystick maneuverability and SetPoint™ \*2
- Autopilot with Joystick Adjustability

- Joystick hold function
- 5 step Joystick thrust adjustment
- Start or stop all engines
- Operate all PTT switch, windlass, and turn lights on and off
- The Controller is wirelessly charged via the cradle
- The Controller can also be charged using USB Type-C

### Boat Builder feature and benefit

- Upgradeable for autopilot fitted boat
- Compatible with all current DES outboards

### Wireless Controller features

#### TWIST LEVER

Same function as the twisting action of the joystick.



**Twist lever**

#### LOCK/UNLOCK (short press)

Prevent unintentional operations.

#### POWER ON/OFF (long press)

#### UP/DOWN

Operate all PTT switch and windlass

#### ON/OFF

Turn lights on and off.

#### SETPPOINT

Select and activate one of the SetPoint™.

#### JOYSTICK LEVER

See Joystick maneuvering page

#### START/STOP

Press this button to start or stop all engines.

#### WAYPOINT on MFD

Register the point where you are on the MFD.

#### THRUST ADJUSTMENT (short press \*3)

5 steps Joystick thrust adjustment. It can also adjust Autopilot steering sensitivity.

#### Bowthruuster integration (long press)

+ button: Activation of the integration.  
- button: Deactivation of the integration.

#### AUTOPILOT

Select and activate the Heading/Course Hold.

#### JOYSTICK

Press this button to activate Joystick maneuvering mode.  
Joystick Hold is activated with a long press after activating joystick maneuvering mode.

\*1: Use the MOB detection TAG when using a wireless controller. Do not operate while away from the boat.

\*2: Joystick sideways operation and StayPoint™ are not applicable to single engine application.

\*3: Change settings related to the wireless controller when wireless station is deactivated.

\* Joystick Calibration is required

\* Autopilot/ SetPoint™ do not monitor or avoid people, other boats, obstacles, shoal, etc. Skipper needs to stay at helm and keep proper lookout to avoid collisions. Be sure to wear the engine shut-off cord (lanyard) when using not at wireless station.

\* Wireless station is not compatible with MFD Interface Type-2, and DEC remote controller manufactured through MY23.

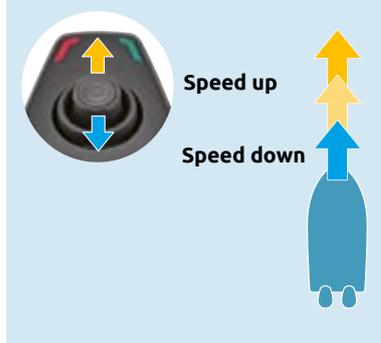
## AUTOPILOT

Yamaha's Genuine Autopilot system. In addition to the standard Autopilot functions like Heading/Course Hold, it will offer you Yamaha's exclusive features in combination with Joystick.

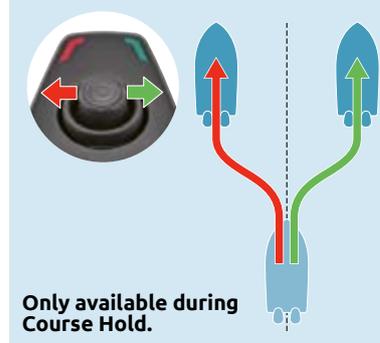
### Standard Autopilot functions

#### Autopilot with Joystick Adjustability

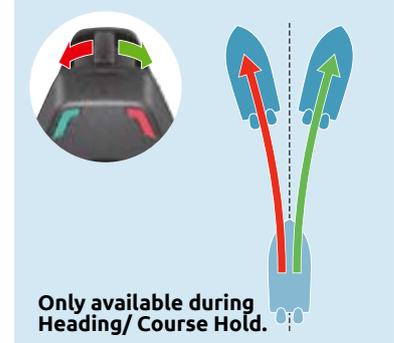
##### Speed Adjustment



##### Course Offset Adjustment



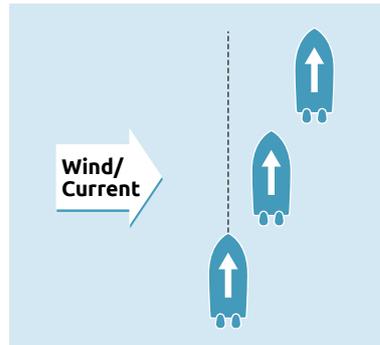
##### Heading/ Course Adjustment



#### SELECT MODE & ACTIVATION

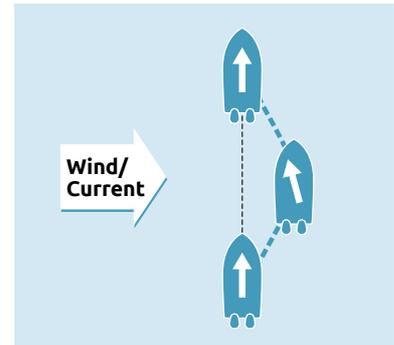
Press the button to activate the autopilot.  
Press again to change to Heading Hold or Course Hold.

##### Heading Hold



Holds the vessels course automatically adjusting for wind or current drift.

##### Course Hold



Holds the vessels compass setting. Applicable also to reverse shift for enhanced back trolling.

## JOYSTICK

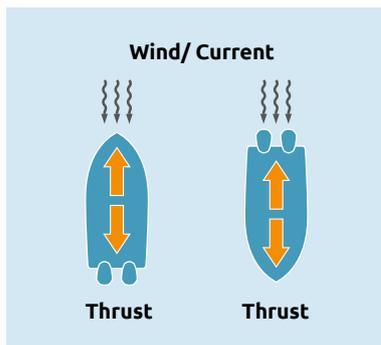
SetPoint™ has three primary modes - StayPoint™, FishPoint™ and DriftPoint™ - offers captains even greater control for situations such as fishing, controlled drifting and maintaining position.

### SETPOINT suite features

#### SELECT MODE & ACTIVATION

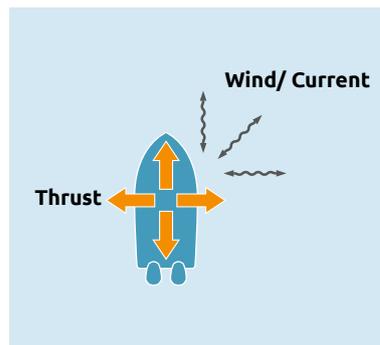
Press the button to activate the SETPOINT™. Press again to change to FishPoint™, StayPoint™ or DriftPoint™.

##### Fishpoint



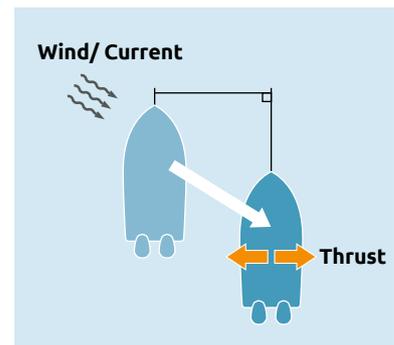
Keeps position. This mode uses minimal RPM to hold your position. Perfect for stationary fishing.

##### Staypoint



Keeps position and heading. Handy when waiting for a bridge or for your turn to approach a fuel dock.

##### Driftpoint



Keeps heading. Great for drift-fishing a wreck or kite fishing.

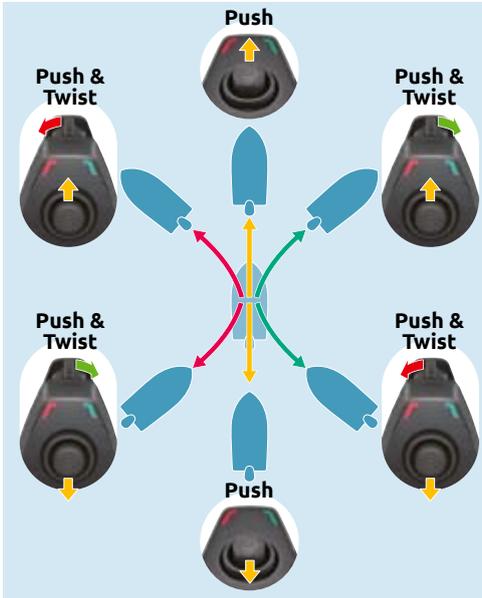
## Joystick maneuvering

Low speed Joystick maneuvering is extremely intuitive and useful for various occasions like docking, turning in the confined space or navigating through no-wake zone.

Single-hand, fingertip joystick operation integrates control of the throttle, shift and steering – instead of multiple boat operating devices like conventional steering wheel and control levers.

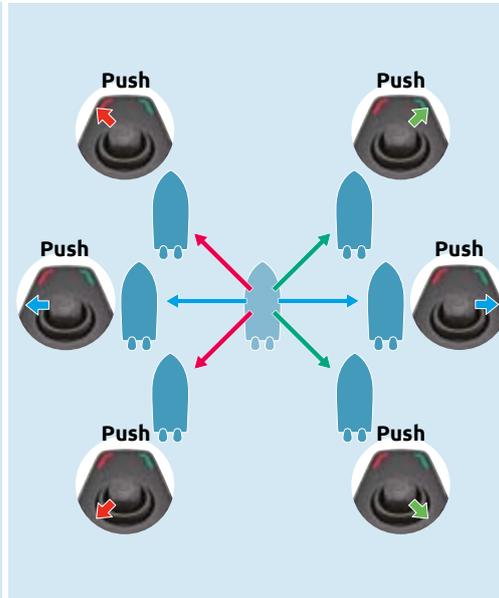
### Standard maneuver

Moving forward, backward, and turn right or left



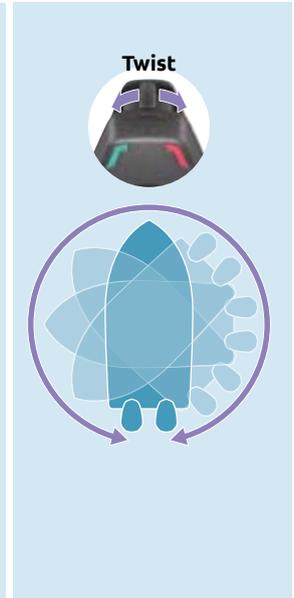
### Lateral maneuver

Moving left, right or diagonal



### Pivot-turn maneuver

Rotating left or right on the spot



#### Multiple engines / Bow Thruster Integration

● / More controllable

● / More controllable

● / More controllable

#### Single engine / Bow Thruster Integration

● / More controllable

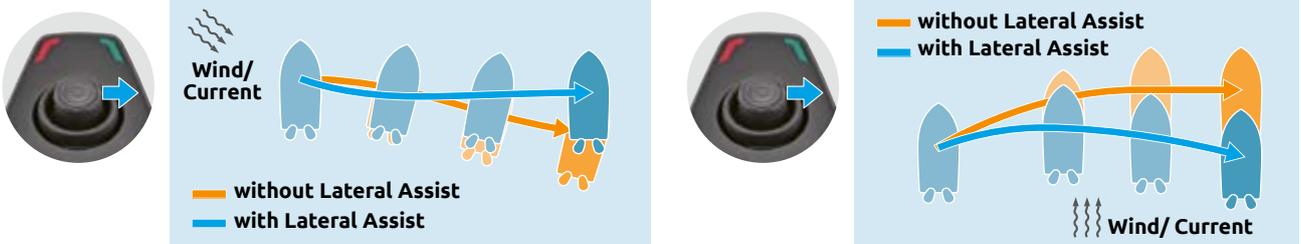
— / ● \*5

— / ●

## Lateral Assist™ \*6

Helps maintain straight-line movement of the boat upon sideways or diagonal joystick input, regardless of wind or current.

### Examples



## Joystick Hold

Without continually pushing the lever, the boat will continue to move forward with 1 push.

While Joystick Hold, the thrust can be adjusted with the lever.

This system can use with Heading/Course Hold.

### Activation

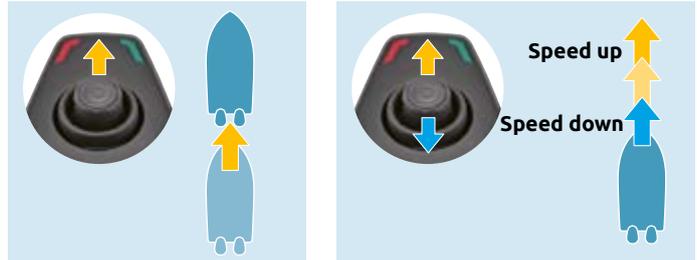
Press this button to activate Joystick maneuvering mode. Long press again to activate Joystick Hold.

### Deactivation

Press the joystick button or keep the lever in the opposite direction to deactivate.



### Examples



\*5: Joystick sideways operation is not applicable. \*6: Joystick Calibration is required for Lateral Assist function.

## MOB Detection Tag

The MOB Detection Tag notify when the Tag holder fall into the water.  
 Not only the captain, but also the passengers increase peace of mind with the MOB Detection Tag for Passengers.



MOB Detection Tag (Captain)



MOB Detection Tag (Passenger)

### Customer feature and benefit

- Notify the captain when a Tag holder falls into the water (including the passenger)
- Stop the engine remotely when using the button or occurring MOB of the captain's Tag \*1
- Monitor multiple people by additional passenger's Tags

### Boat Builder feature and benefit

- Upgradeable for autopilot fitted boat
- Compatible with all current DEC outboards 2.8L to 5.6L (150-450 hp) \*2

### MOB Detection Tag features

#### STATUS LED

##### Color

- Green** : Connected/ Protected
- Yellow** : Connected/ Not protected
- Red** : Not connected
- Blue** : Pairing
- Purple** : Software updating

#### POWER BUTTON

Turns Tag power on and off. (long press)  
 Show the connection status and remaining battery power. (short press)

Power button



#### BATTERY LED

##### Color

- Green** : High
- Yellow** : Middle
- Red** : Low

#### EMERGENCY ENGINE STOP

Long press the MOB button on the Captain's Tag to stop the engine.

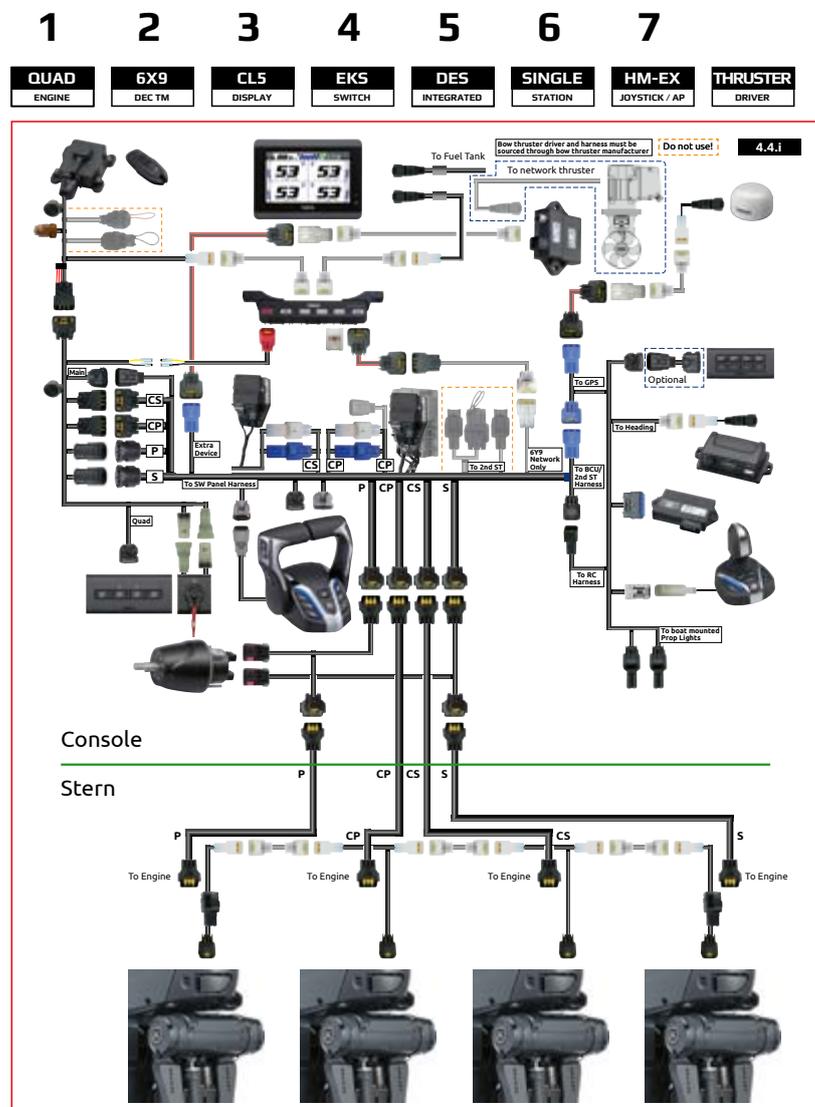
\*1: By setting from the gauge, engine will also shut off when the passenger's Tag MOB occurs.

\*2: Except the first generation F350A (6AW/ 6AX, model year up to 2010), F300A (6BJ/ 6BK), F250B (6BR/ 6BS), F150J (6LU/ 6LV), F175F (6LS/ 6LT) and F200P (6LP/ 6LR).

## How to read the diagram

On this page, you will see a visualization of all the components and connections, organized by what is mounted on the Console side and the Stern side. If there is a second station, the visualization will also show what is mounted at the main helm and at the second station.

### QUAD LEVEL 4 INTEGRATED



#### IN THIS EXAMPLE INDICATED BY BLOCKS:

1. Quad installation -> 4 engine installation
2. 6X9 rigging -> in this example a top mount (TM) remote control.
3. CL5 gauge/display -> in this example a CL5 display is used. For other options please see display section. In level 4 for map options such as trackpoint a Multifunction display with chart options is required.
4. EKS -> Electronic Key switches. The 6X9 push button switches are used.
5. Digital electronic steering Integrated -> in this example an engine with build in electronic steering.
6. Single station -> in this example the main station is displayed
7. HM-EX Joystick / Autopilot -> when expanding from level 1, 2 to 4 in the drawing's components are added corresponding to the level.

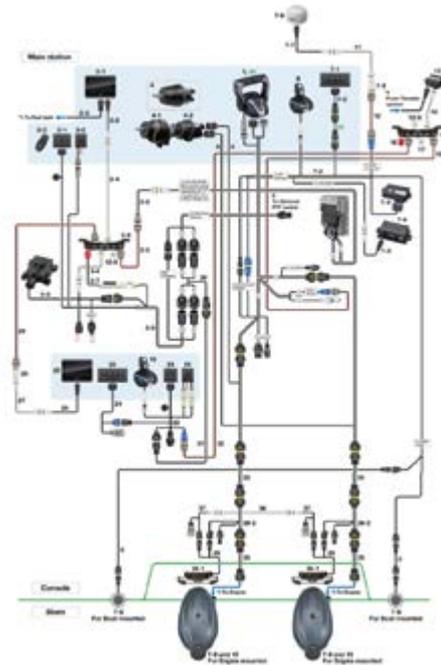
# New Tool Introduction: Yamaha Marine Online Rigging Configurator (YMORC)

ACCESS VIA THE SERVICE PORTAL

This application is designed to assist in selecting Helm Master EX (HM-EX) components for boats equipped with DEC or DES outboard motors. Applicable Outboard Motors: 150 hp to 450 hp DEC and DES models. Number of Outboards Installed: 1 to 4 engines. Applicable Components: Helm Master EX Levels 1 through 4.

## WHEN TO USE THE APPLICATION

- Component Selection: Choose HM-EX parts and harness lengths for package boats.
- Ordering & Verification: Order, confirm, and record HM-EX components using parts lists.
- Installation & Troubleshooting: Install components, connect harnesses, and resolve wiring issues with diagram photos.



## How to read the parts list

### ORDER GUIDELINES:

In the blue box a suggestion is made on what to order in this example for a quad installation level 4. It corresponds to all components in the scheme on the left page.

Encase of a 2nd station the components listed are the components to be added at the 2nd station.

Other display options may be found in the display options section.

KIT CONTENTS			
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel Tank Wire	1	
6Y8-81920-01-00	Multihub	1	
6Y8-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	
6X9-762E0-31-00	Quad EKS Top Mount Kit	Qty	Note
6X9-82570-51-00	Individual start / stop	1	
6X9-82716-91-00	EKS harness	1	
6X9-82570-D0-00	Lanyard switch	1	
6X9-86260-02-00	Immobilizer + key fob (2pcs)	1	433Mhz
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 Ft)
6Y8-48277-00-00	Sticker	1	
6X9-762J0-B3-20	Quad HMEX 4 No JSTK	Qty	Note
6X9-8253V-01-00	Autopilot panel	1	
6X9-88107-02-00	GPS antenna	1	
6X9-8A410-00-00	Heading sensor	1	
6X9-8591T-44-00	Boat Control Unit	1	
6Y8-81920-11-00	Single hub	1	
6X9-82386-01-00	BCU harness	1	Ext. available
6YM-83553-00-00	Conversion harness	2	0.9m (3 ft)
6KA-83720-00-00	Prop lights *	2	
*) See engine mounted prop lights section			

### KIT CONTENTS:

In the green box: If in the blue box a kit is mentioned for example a "EKS kit Quad" the contents of this kit is explained here. When available as a kit do not order these as separate items.

- Asterisk (\*) Symbol: Pay attention to the asterisk, as it indicates important product information.
- Note Section: This section provides additional details about the parts, such as the availability of extra harnesses length.

HARNESS OPTIONS			
Main harness 16P	Length (m)	Main bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3.0m (10 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)
6X6-8258A-31-00	10m (32 ft)		
6X6-8258A-41-00	12m (39 ft)	Helm harness	Length
6X6-8258A-71-00	15m (49 ft)	6GR-8258A-11-00	0.9m (3 ft)
6X6-8258A-81-00	24m (79 ft)	6GR-8258A-51-00	1.8m (6 ft)
		6GR-8258A-61-00	2.7m (9 ft)
SCU Link harness P/S	Length	SCU Link harness Center	Length
6X9-81115-00-00	0.3m (1 ft)	6X9-81115-10-00	0.3m (1 ft)
6GR-81115-00-00	1.5m (5 ft)	6GR-81115-20-00	1.5m (5 ft)
6GR-81115-10-00	3.0m (10 ft)	6GR-81115-30-00	3.0m (10 ft)
		AP Panel Ext Harness	Length
		6X9-82521-00-00	4.6m (15 ft)
		6X9-82521-10-00	9.1m (30 ft)

### HARNESS OPTIONS:

In the purple box: If in the blue or green box is mentioned "other lengths" available alternative lengths are displayed here. If the boat requires alternative lengths of cables then indicated in the blue box then these part numbers may replace them.

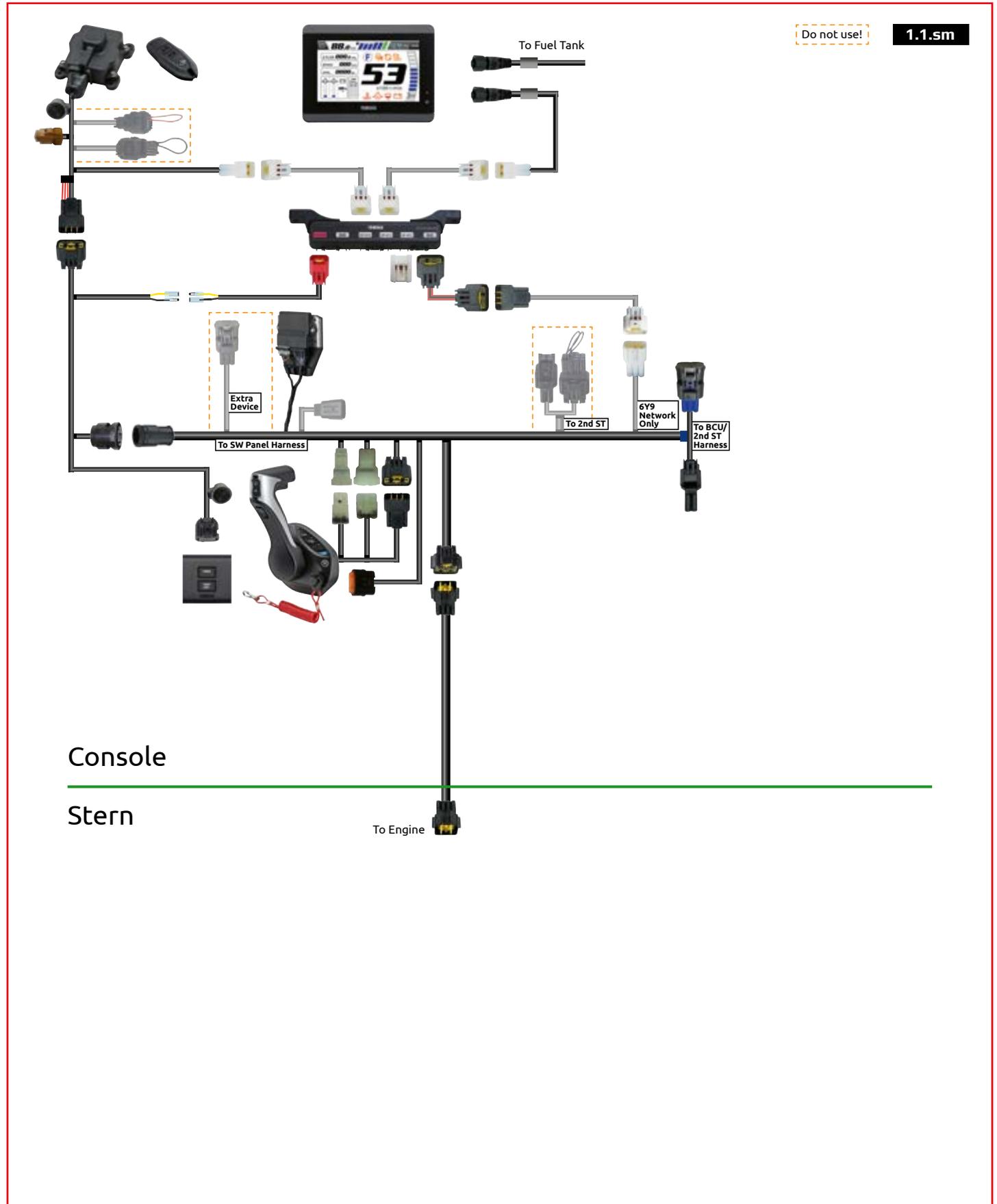
In the kits the lengths cannot be adjusted for longer cables if required they need to be ordered additional.

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### SINGLE FLUSH SIDE-MOUNT LEVEL 1

<b>SINGLE</b> ENGINE	<b>6X9</b> DEC SM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> STEERING	<b>SINGLE</b> STATION
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## SINGLE FLUSH SIDE-MOUNT LEVEL 1 PARTS

	Description	Qty	Note
<b>LEVEL 1</b>	6X9-48206-20-00	6X9 Sgl Flush Mt Main DEC	1
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1
	6X9-762B0-C3-00	Single EKS Side Mount Kit	1
	6X6-8258A-21-00	Main harness 16P 8m / 26 ft	1

\*) For other display options, check the display section in this guide

## KIT CONTENTS

	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

	Description	Qty	Note
6X9-762B0-C3-00	Single EKS Side Mount Kit	1	
6X9-82570-00-00	Power switch	1	
6X9-82716-21-00	EKS harness	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433 Mhz
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)
6Y8-48277-00-00	Sticker	1	

## HARNESS OPTIONS

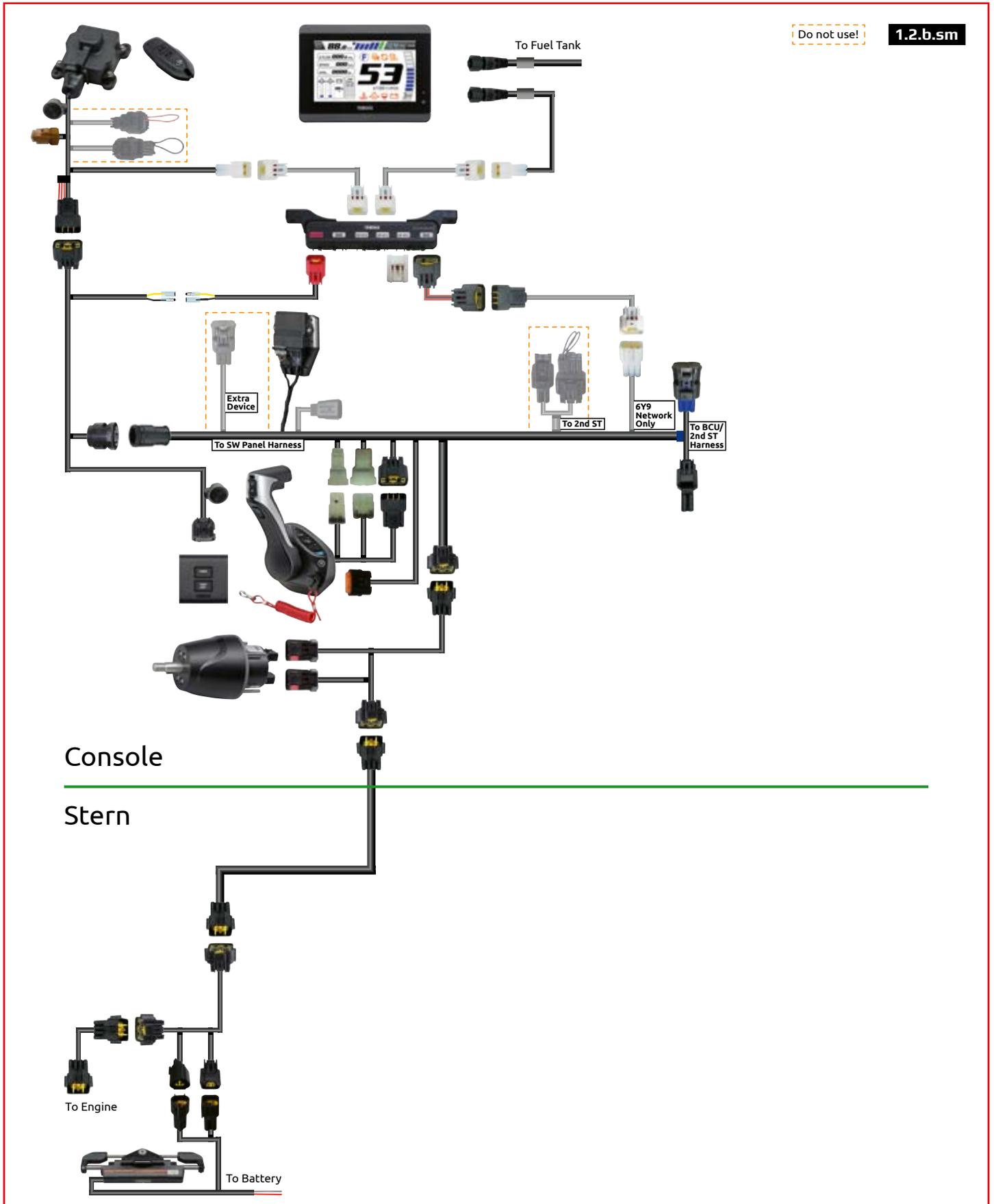
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-90-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				
6X6-8258A-41-00	12m (39 ft)				
6X6-8258A-71-00	15m (49 ft)				
6X6-8258A-81-00	24m (79 ft)				

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### SINGLE FLUSH SIDE-MOUNT LEVEL 2 BOLT-ON

<b>SINGLE</b> ENGINE	<b>6X9</b> DEC 5M	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> BOLT-ON	<b>SINGLE</b> STATION
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## SINGLE FLUSH SIDE-MOUNT LEVEL 2 BOLT-ON PARTS

	Description	Qty	Note	
<b>LEVEL 1</b>	6X9-48206-20-00	6X9 Sgl Flush Mt Main DEC	1	
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
	6X9-762B0-C3-00	Single EKS Side Mount Kit	1	
	6X6-8258A-21-00	Main harness 16P 8m / 26 ft	1	Other lengths available
	6X9-762S0-03-00	Bolt-on DES Kit	1	
<b>LEVEL 2</b>	6X9-438A0-00-00	Steering actuator harness 2.4m / 8 ft	1	Other lengths available
	6X6-8258A-51-00	Main harness 16P 3.7m / 12 ft	1	Other lengths available
	6X9-615A0-11-00	Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-8258A-01-00	Helm harness main station Single 0.9m / 3 ft	1	Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

6X9-762B0-C3-00	Single EKS Side Mount Kit	Qty	Note
6X9-82570-00-00	Power switch	1	
6X9-82716-21-00	EKS harness	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433 Mhz
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)
6Y8-48277-00-00	Sticker	1	

6X9-762S0-03-00	Bolt-on DES KIT	Qty	Note
6X9-42401-00-00	Actuator	1	
6X9-8258A-90-00	Split harness	1	

## HARNESS OPTIONS

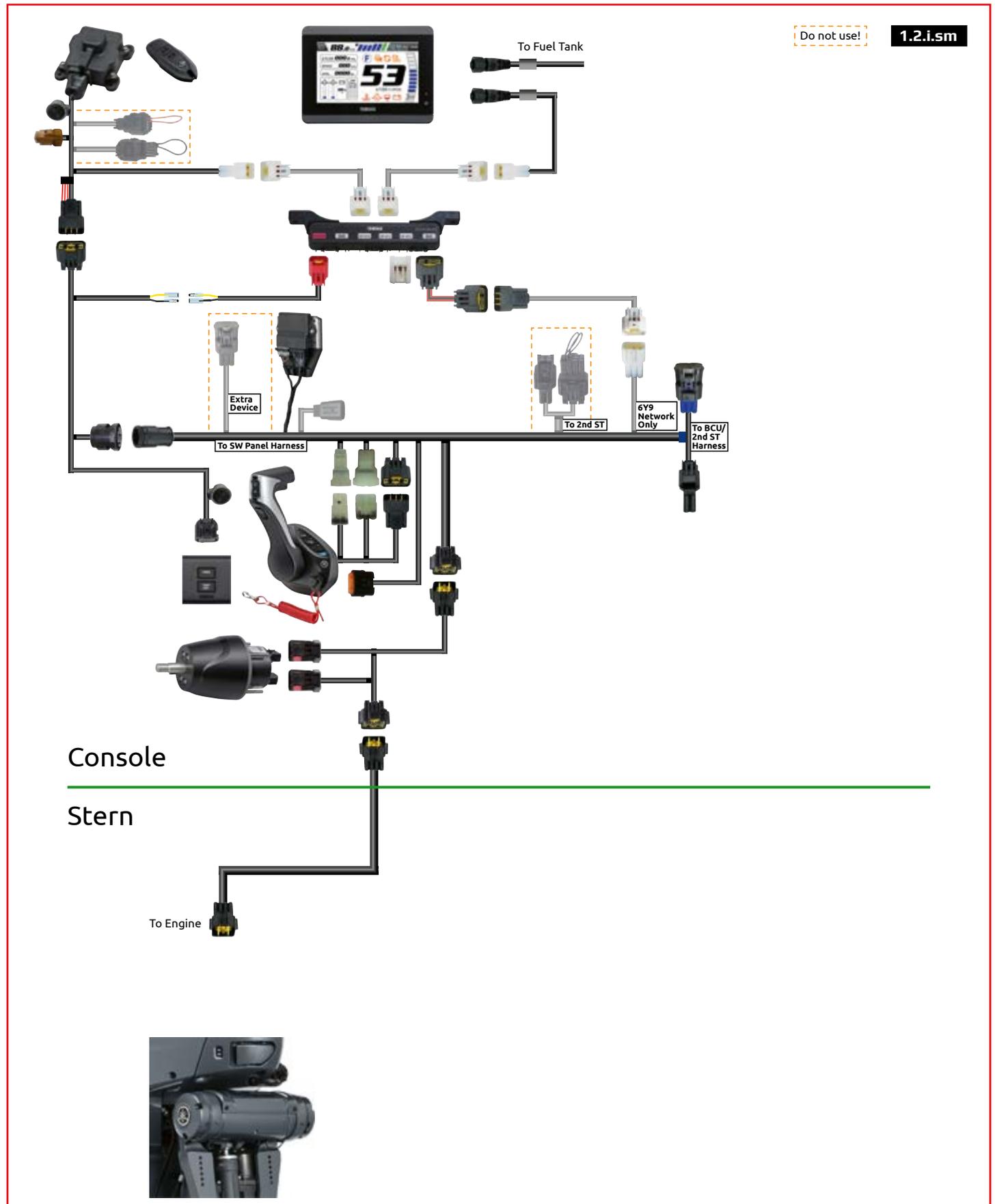
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				
6X6-8258A-41-00	12m (39 ft)	Steering actuator harness	Length	Helm harness	Length
6X6-8258A-71-00	15m (49 ft)	6X9-438A0-00-00	2.4m (8 ft)	6GR-8258A-01-00	0.9m (3 ft)
6X6-8258A-81-00	24m (79 ft)	6X9-438A0-10-00	4.5m (15 ft)	6GR-8258A-41-00	1.8m (6 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### SINGLE FLUSH SIDE-MOUNT LEVEL 2 INTEGRATED

<b>SINGLE</b> ENGINE	<b>6X9</b> DEC SM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> INTEGRATED	<b>SINGLE</b> STATION
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## SINGLE FLUSH SIDE-MOUNT LEVEL 2 INTEGRATED PARTS

	Description	Qty	Note
<b>LEVEL 1</b>	6X9-48206-20-00	6X9 Sgl Flush Mt Main DEC	1
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1
	6X9-762B0-C3-00	Single EKS Side Mount Kit	1
	6X6-8258A-21-00	Main harness 16P 8m / 26 ft	1 Other lengths available
<b>LEVEL 2</b>	6X9-615A0-11-00	Compact helm kit	1 Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-8258A-01-00	Helm harness main station Single 0.9m / 3 ft	1 Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	
6X9-762B0-C3-00	Single EKS Side Mount Kit	1	
6X9-82570-00-00	Power switch	1	
6X9-82716-21-00	EKS harness	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433 Mhz
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)
6Y8-48277-00-00	Sticker	1	

## HARNESS OPTIONS

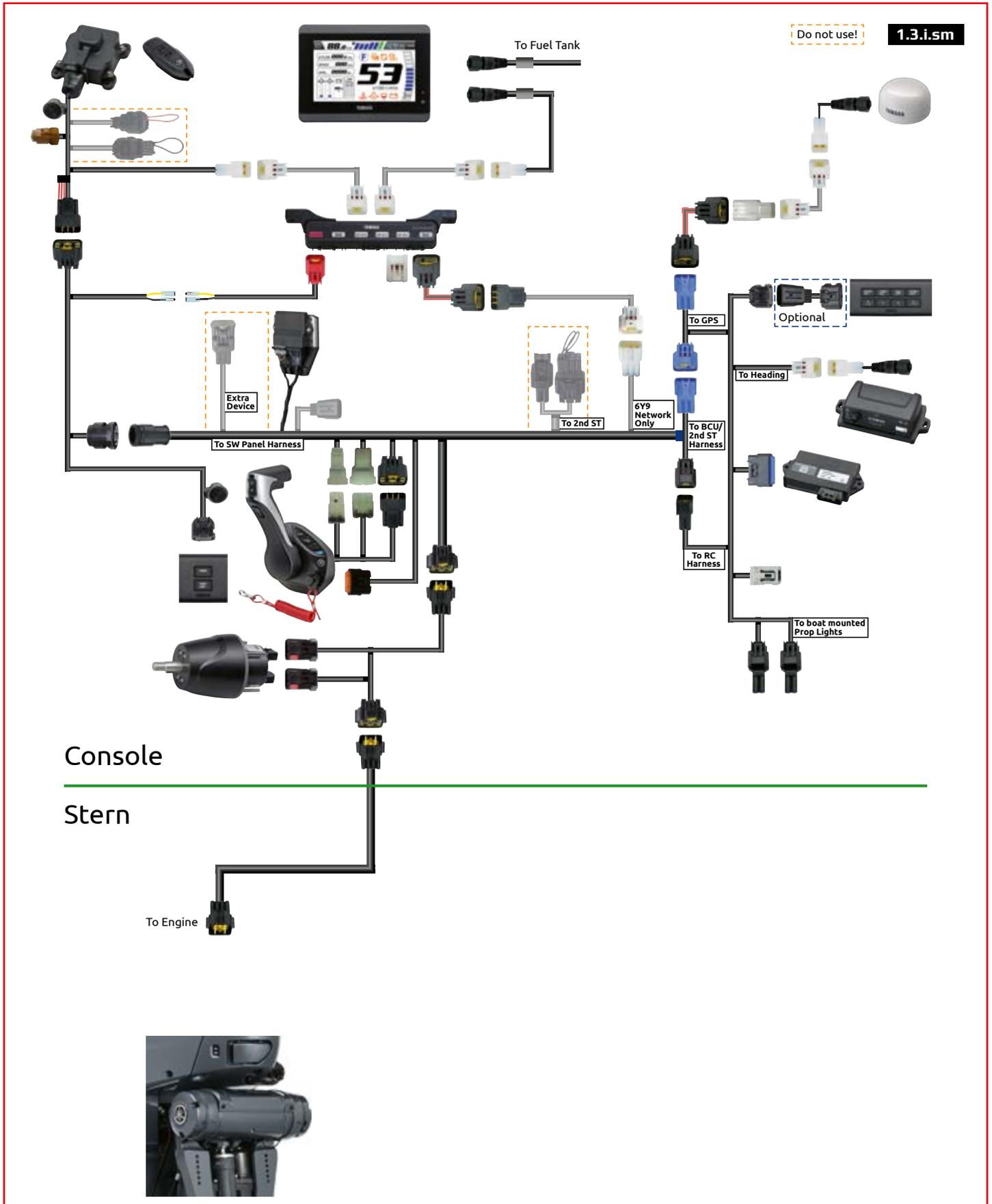
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				
6X6-8258A-41-00	12m (39 ft)	<b>Helm harness</b>	<b>Length</b>		
6X6-8258A-71-00	15m (49 ft)	6GR-8258A-01-00	0.9m (3 ft)		
6X6-8258A-81-00	24m (79 ft)	6GR-8258A-41-00	1.8m (6 ft)		

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### SINGLE FLUSH SIDE-MOUNT LEVEL 3 INTEGRATED

<b>SINGLE</b> ENGINE	<b>6X9</b> DEC 5M	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> INTEGRATED	<b>SINGLE</b> STATION	<b>HM-EX</b> AUTOPILOT
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## SINGLE FLUSH SIDE-MOUNT LEVEL 3 INTEGRATED PARTS

	Description	Qty	Note
<b>LEVEL 1</b>	6X9-48206-20-00	6X9 Sgl Flush Mt Main DEC	1
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1
	6X9-762B0-C3-00	Single EKS Side Mount Kit	1
<b>LEVEL 2</b>	6X6-8258A-21-00	Main harness 16P 8m / 26 ft	1 Other length available
	6X9-615A0-11-00	Compact helm kit	1 Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-8258A-01-00	Helm harness main station Single 0.9m / 3 ft	1 Other length available
<b>LEVEL 3</b>	6X9-762P0-0C-00	Autopilot Kit Main Station	1
	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1 Other length available
	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1 Other length available
	6X9-82521-00-00	AP Panel Ext Harness 4.6m / 15 ft	1 (Optional) Other length available

Level 3 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion Harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

Part Number	Description	Qty	Note	Part Number	Description	Qty	Note
6X9-762B0-C3-00	Single EKS Side Mount Kit	1		6X9-762P0-0C-00	Autopilot Kit Main Station	1	
6X9-82570-00-00	Power switch	1		6X9-8253V-01-00	Autopilot panel	1	
6X9-82716-21-00	EKS harness	1		6X9-88107-00-00	GPS antenna	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433 Mhz	6X9-8A410-00-00	Heading sensor	1	
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)	6X9-8591T-14-00	Boat Control Unit	1	
6Y8-48277-00-00	Sticker	1		6Y8-81920-11-00	Single hub	1	
				6X9-82386-01-00	BCU harness	1	Ext. available
				6YM-83553-00-00	Conversion harness	2	0.9m (3 ft)

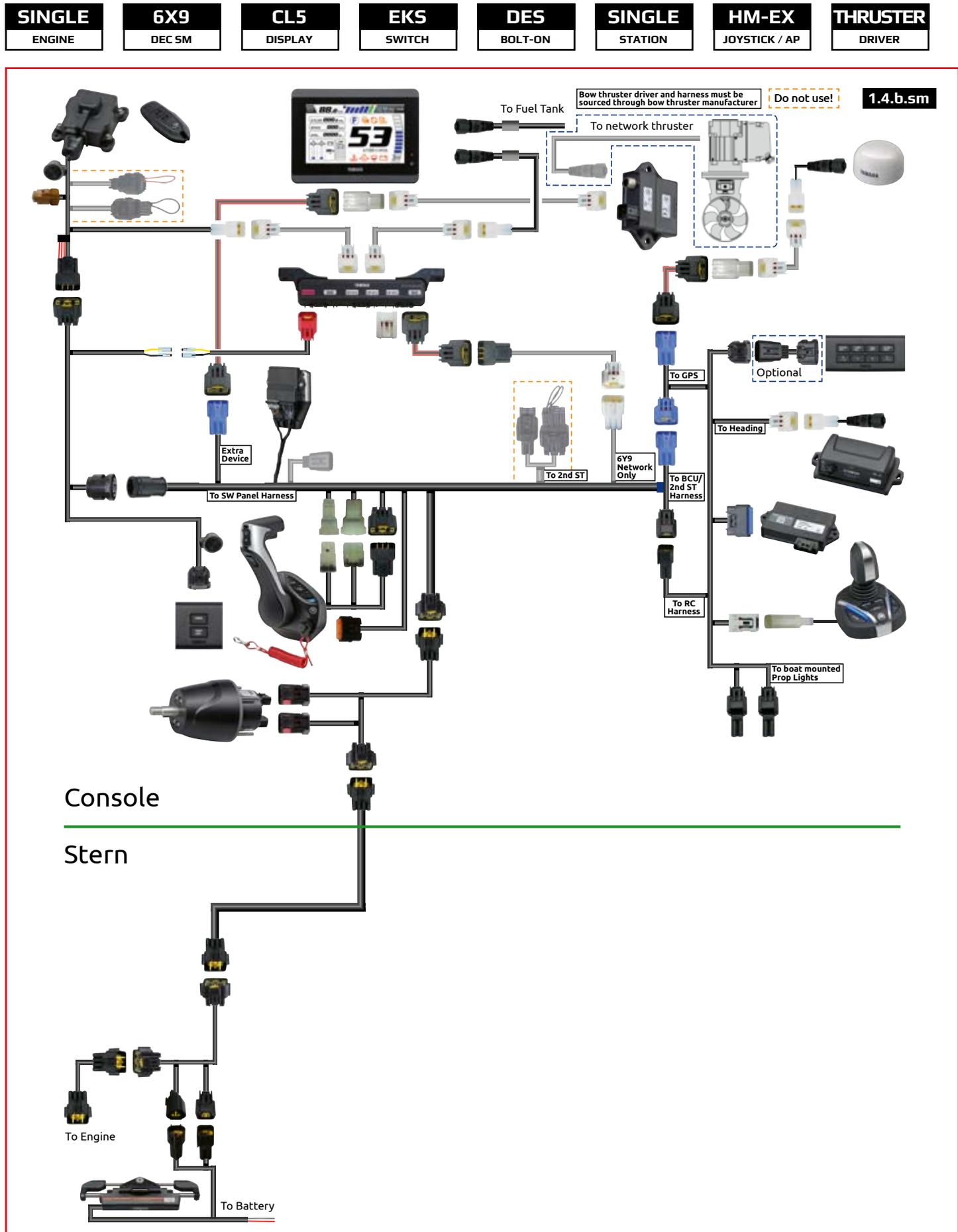
## HARNESS OPTIONS

Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)			* Max length GPS antenna connection	
6X6-8258A-41-00	12m (39 ft)	<b>Helm harness</b>	<b>Length</b>	<b>AP Panel Ext Harness</b>	<b>Length</b>
6X6-8258A-71-00	15m (49 ft)	6GR-8258A-00-00	0.9m (3 ft)	6X9-82521-00-00	4.6m (15 ft)
6X6-8258A-81-00	24m (79 ft)	6GR-8258A-40-00	1.8m (6 ft)	6X9-82521-10-00	9.1m (30 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### SINGLE FLUSH SIDE-MOUNT LEVEL 4 BOLT-ON



## SINGLE FLUSH SIDE-MOUNT LEVEL 4 BOLT-ON PARTS

	Description	Qty	Note
<b>LEVEL 1</b>	6X9-48206-20-00	6X9 Sgl Flush Mt Main DEC	1
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1
	6X9-762B0-C3-00	Single EKS Side Mount Kit	1
	6X6-8258A-21-00	Main harness 16P 8m / 26 ft	1 Other lengths available
	6X9-762S0-03-00	Bolt-on DES Kit	1
<b>LEVEL 2</b>	6X9-438A0-00-00	Steering actuator harness 2.4m / 8 ft	1 Other lengths available
	6X6-8258A-51-00	Main harness 16P 3.7m / 12 ft	1 Other length available
	6X9-615A0-11-00	Compact helm kit	1 Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-8258A-01-00	Helm harness main station Single 0.9m / 3 ft	1 Other lengths available
	6X9-762J0-83-10	Joystick Fitting Kit Single	1
	6X9-482A0-03-00	Joystick Controller Assy	1
<b>LEVEL 4</b>	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1 Other lengths available
	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1 Other lengths available
	6X9-82521-00-00	AP Panel Ext Harness 4.6m / 15 ft	1 (Optional) Other length available

Level 4 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## BOW THRUSTER INTEGRATION

		Qty	Note
6X9-86500-02-00	Bow Thruster Driver		
6Y8-81920-11-00	Inline Hub	1	
6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available

## KIT CONTENTS

		Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi		
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

		Qty	Note			Qty	Note
6X9-762B0-C3-00	Single EKS Side Mount Kit			6X9-762J0-83-10	Singel HMEK 4 No JSTK		
6X9-82570-00-00	Power switch	1		6X9-8253V-01-00	Autopilot panel	1	
6X9-82716-21-00	EKS harness	1		6X9-88107-02-00	GPS antenna	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433 Mhz	6X9-8A410-00-00	Heading sensor	1	
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)	6X9-8591T-14-00	Boat Control Unit	1	
6Y8-48277-00-00	Sticker	1		6Y8-81920-11-00	Single hub	1	
				6X9-82386-01-00	BCU harness	1	Ext. available
6X9-762S0-03-00	Bolt-on DES KIT			6YM-83553-00-00	Conversion harness	2	0.9m (3 ft)
6X9-42401-00-00	Actuator	1		6KA-83720-00-00	Prop lights *	1	
6X9-8258A-90-00	Split harness	1		*) See engine mounted prop lights section			

## HARNESS OPTIONS

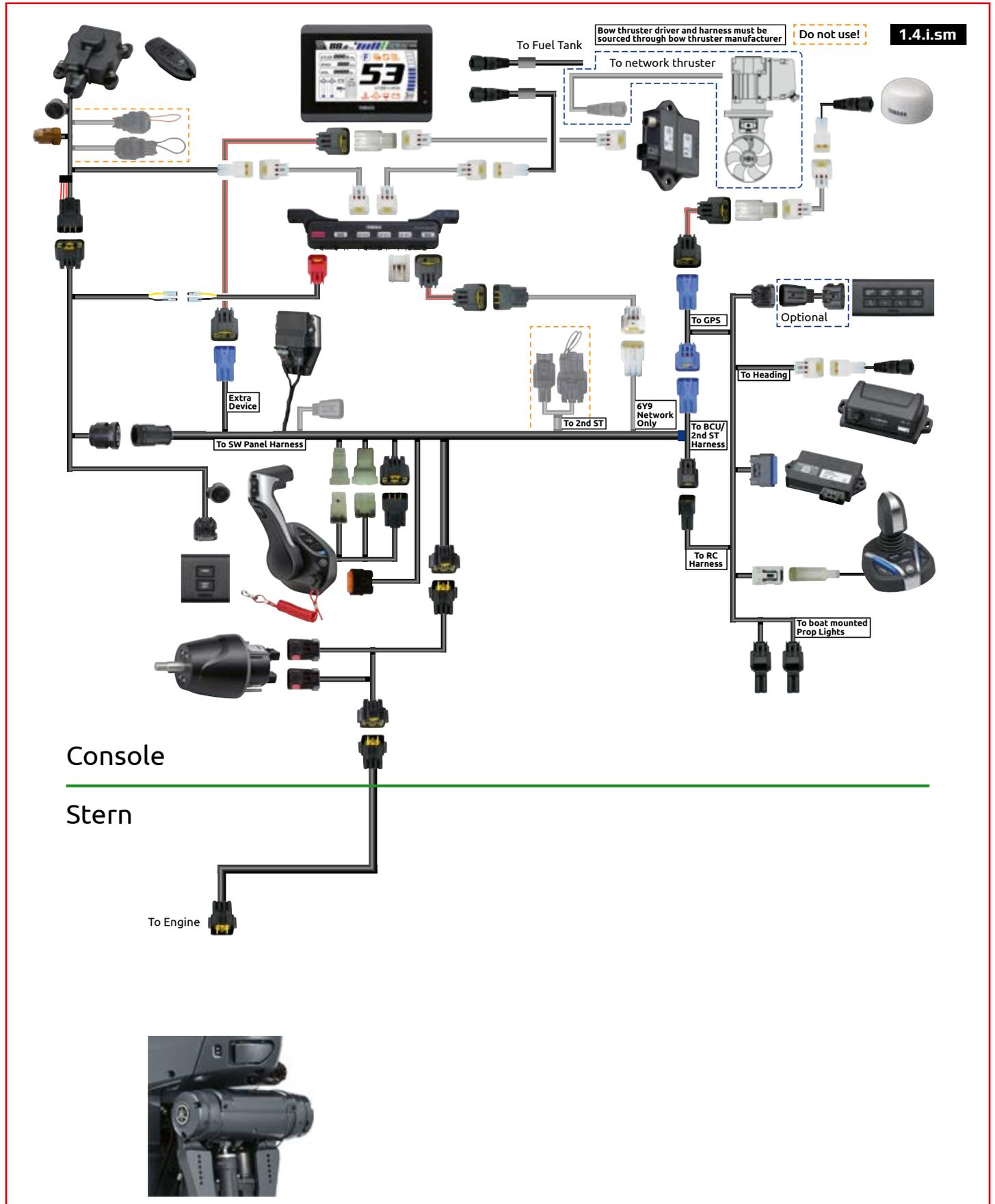
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)			* Max length GPS antenna connection	
6X6-8258A-41-00	12m (39 ft)				
6X6-8258A-71-00	15m (49 ft)	<b>Steering actuator harness</b>	<b>Length</b>	<b>Helm harness</b>	<b>Length</b>
6X6-8258A-81-00	24m (79 ft)	6X9-438A0-00-00	2.4m (8 ft)	6GR-8258A-01-00	0.9m (3 ft)
		6X9-438A0-10-00	4.5m (15 ft)	6GR-8258A-41-00	1.8m (6 ft)
<b>AP Panel Ext Harness</b>	<b>Length</b>				
6X9-82521-00-00	4.6m (15 ft)				
6X9-82521-10-00	9.1m (30 ft)				

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### SINGLE FLUSH SIDE-MOUNT LEVEL 4 INTEGRATED

<b>SINGLE</b> ENGINE	<b>6X9</b> DEC 5M	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> INTEGRATED	<b>SINGLE</b> STATION	<b>HM-EX</b> JOYSTICK / AP	<b>THRUSTER</b> DRIVER
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## SINGLE FLUSH SIDE-MOUNT LEVEL 4 INTEGRATED PARTS

	Description	Qty	Note
<b>LEVEL 1</b>	6X9-48206-20-00	6X9 Sgl Flush Mt Main DEC	1
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1
	6X9-762B0-C3-00	Single EKS Side Mount Kit	1
<b>LEVEL 2</b>	6X6-8258A-20-00	Main harness 16P 8m / 26 ft	1 Other length available
	6X9-615A0-11-00	Compact helm kit	1 Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-8258A-01-00	Helm harness main station Single 0.9m / 3 ft	1 Other length available
<b>LEVEL 4</b>	6X9-762J0-83-10	Joystick Fitting Kit Single	1
	6X9-482A0-03-00	Joystick Controller Assy	1
	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1 Other length available
	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1 Other length available
	6X9-82521-00-00	AP Panel Ext Harness 4.6m / 15 ft	1 (Optional) Other length available

Level 4 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## BOW THRUSTER INTEGRATION

Part Number	Description	Qty	Note
6X9-86500-02-00	Bow Thruster Driver	1	
6Y8-81920-11-00	Inline Hub	1	
6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

Part Number	Description	Qty	Note	Part Number	Description	Qty	Note
6X9-762B0-C3-00	Single EKS Side Mount Kit	1		6X9-762J0-83-10	Singel HMEK 4 No JSTK	1	
6X9-82570-00-00	Power switch	1		6X9-8253V-01-00	Autopilot panel	1	
6X9-82716-21-00	EKS harness	1		6X9-88107-02-00	GPS antenna	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433 Mhz	6X9-8A410-00-00	Heading sensor	1	
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)	6X9-8591T-14-00	Boat Control Unit	1	
6Y8-48277-00-00	Sticker	1		6Y8-81920-11-00	Single hub	1	
				6X9-82386-01-00	BCU harness	1	Ext. available
				6YM-83553-00-00	Conversion harness	2	0.9m (3 ft)
				6KA-83720-00-00	Prop lights *	1	

\*) See engine mounted prop lights section

## HARNESS OPTIONS

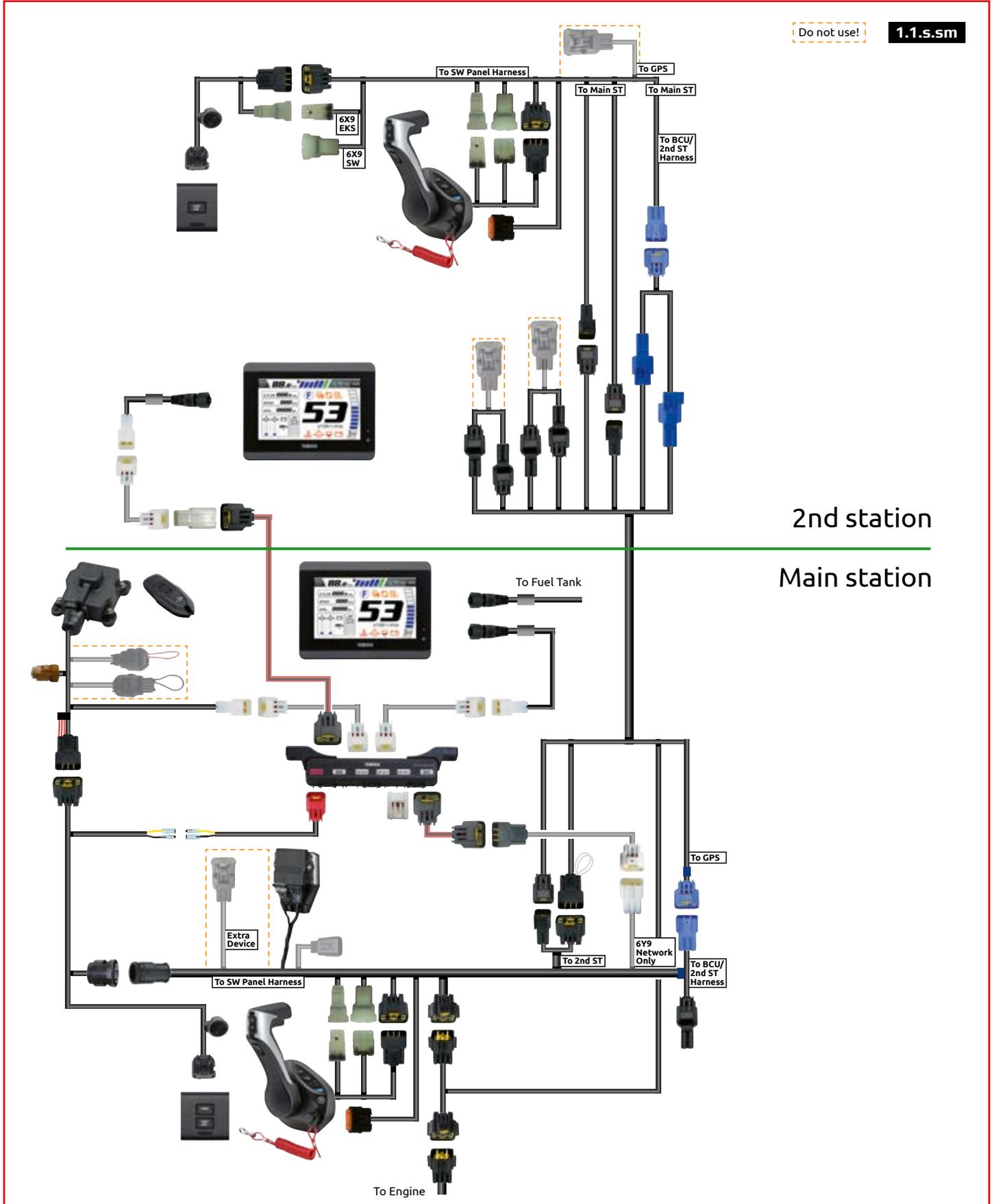
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)			* Max length GPS antenna connection	
6X6-8258A-41-00	12m (39 ft)				
6X6-8258A-71-00	15m (49 ft)	<b>Helm harness</b>	<b>Length</b>	<b>AP Panel Ext Harness</b>	<b>Length</b>
6X6-8258A-81-00	24m (79 ft)	6GR-8258A-01-00	0.9m (3 ft)	6X9-82521-00-00	4.6m (15 ft)
		6GR-8258A-41-00	1.8m (6 ft)	6X9-82521-10-00	9.1m (30 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### SINGLE 2ND STATION FLUSH SIDE-MOUNT LEVEL 1

<b>SINGLE</b> ENGINE	<b>6X9</b> DEC SM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> STEERING	<b>DUAL</b> STATION
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## SINGLE 2ND STATION FLUSH SIDE-MOUNT LEVEL 1 PARTS

	Description	Qty	Note
<b>LEVEL 1</b>	6X9-48206-11-00	6X9 Sgl Flush Mt 2nd Stn	1 2nd station
	6YM-83710-08-00	CL5 display with Wi-Fi*	1 Display only
	6YM-83553-00-00	Conversion harness for CL5	1
	6Y8-81920-11-00	Single hub	1
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	1 Other lengths available
	6Y8-82553-11-00	Main bus wire 4.6m / 15 ft	1 Other lengths available
	6X9-762B0-G1-00	Single EKS 2nd Station Kit	1
	6X9-8258A-00-00	2nd station harness Port 5m / 16 ft	1 Other lengths available
	*) For other display options, check the display section in this guide		

## KIT CONTENTS

Part Number	Description	Qty	Note
6X9-762B0-G1-00	Single EKS 2nd Station Kit		
6X9-82570-B1-00	All start / stop switch	1	
6X9-82716-60-00	EKS harness	1	

## HARNESS OPTIONS

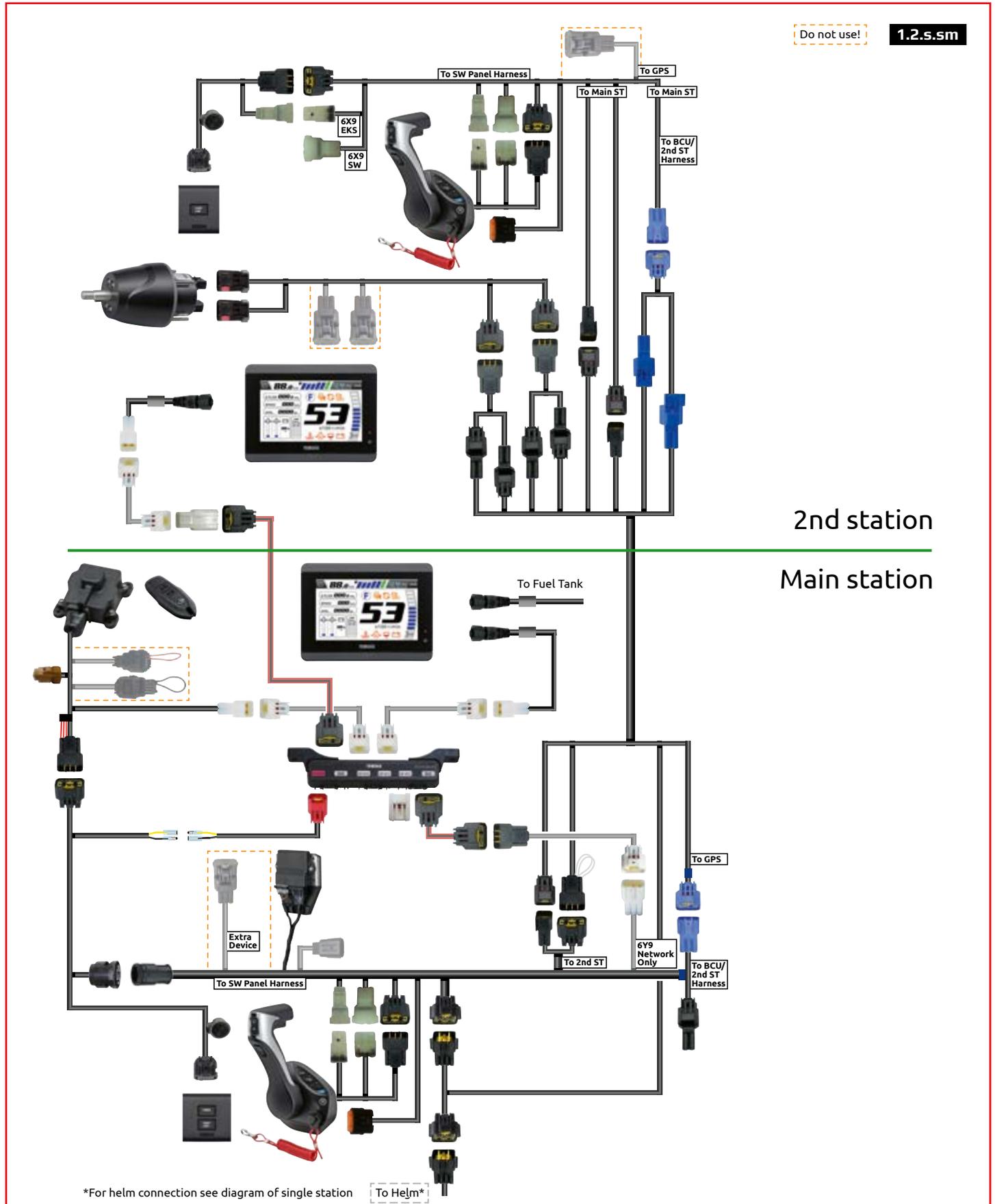
Main bus wire	Length	Pigtail bus wire	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### SINGLE 2ND STATION FLUSH SIDE-MOUNT LEVEL 2

<b>SINGLE</b> ENGINE	<b>6X9</b> DEC SM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> BOLT-ON	<b>DUAL</b> STATION
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## SINGLE 2ND STATION FLUSH SIDE-MOUNT LEVEL 2 PARTS

	Description	Qty	Note
	6X9-48206-11-00 6X9 Sgl Flush Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
<b>LEVEL 1</b>	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762B0-G1-00 Single EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6GR-8258A-V0-00 Extension harness	1	XTO 375/425 only
<b>LEVEL 2</b>	6X9-615A0-10-00 Compact helm unit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd station 0.9m / 3 ft	1	Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6X9-762B0-G1-00	Single EKS 2nd Station Kit		
6X9-82570-B1-00	All start / stop switch	1	
6X9-82716-60-00	EKS harness	1	

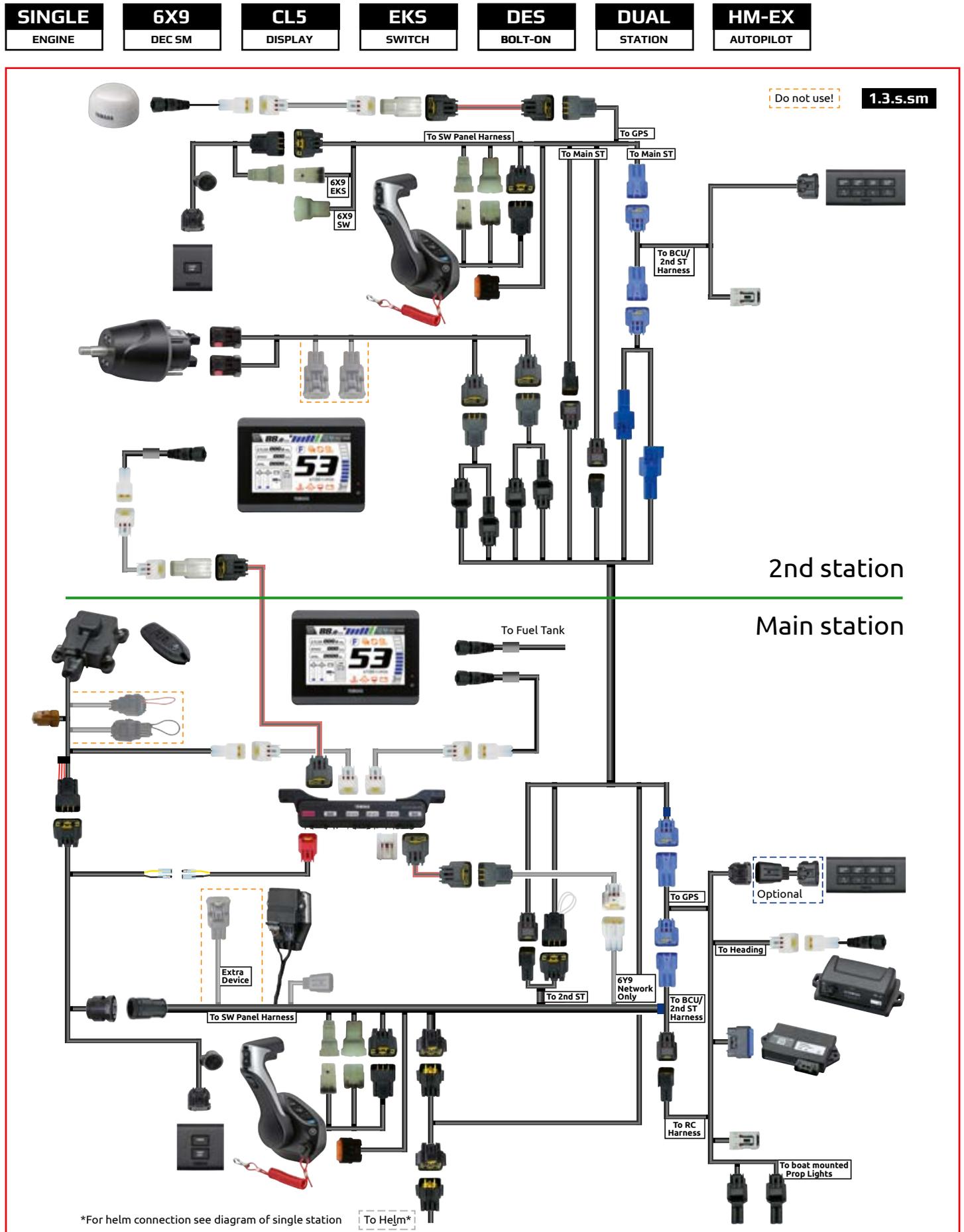
## HARNESS OPTIONS

Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)		
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)		
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)		

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### SINGLE 2ND STATION FLUSH SIDE-MOUNT LEVEL 3



## SINGLE 2ND STATION FLUSH SIDE-MOUNT LEVEL 3 PARTS

	Description	Qty	Note
	6X9-48206-11-00 6X9 Sgl Flush Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
<b>LEVEL 1</b>	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762B0-G1-00 Single EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6GR-8258A-V0-00 Extension harness	1	XTO 375/425 only
<b>LEVEL 2</b>	6X9-615A0-11-00 Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd station 0.9m / 3 ft	1	
	6X9-762P0-11-00 Autopilot Kit 2nd station	1	
<b>LEVEL 3</b>	6X9-82521-00-00 AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other length available

Level 3 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## KIT CONTENTS

6X9-762B0-G1-00	Single EKS 2nd Station Kit	Qty	Note
6X9-82570-B1-00	All start / stop switch	1	
6X9-82716-60-00	EKS harness	1	
6X9-762P0-12-00	Autopilot Kit 2nd station	Qty	Note
6X9-8253V-01-00	Autopilot panel	1	
6X9-82386-10-00	BCU harness	1	Extention available

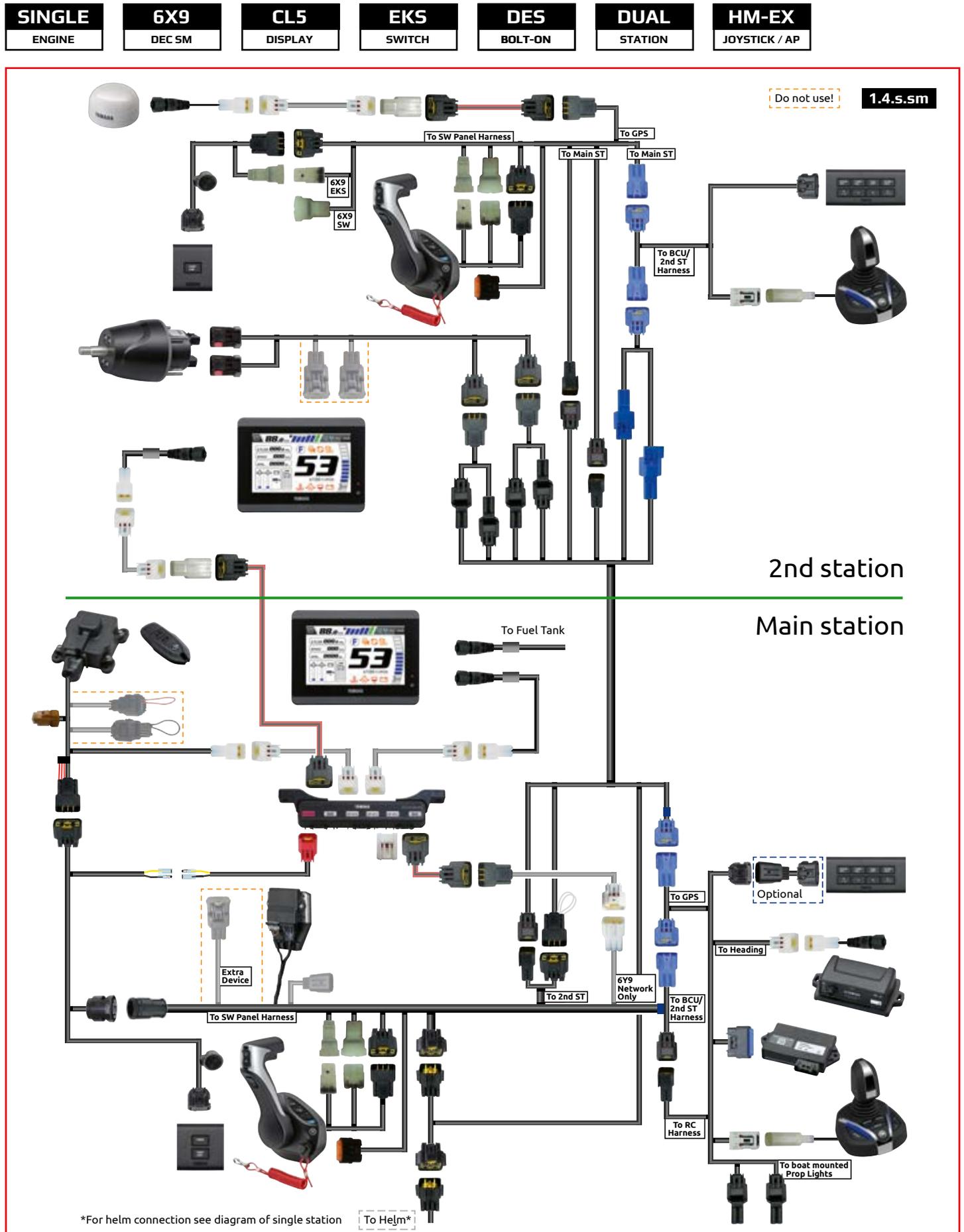
## HARNESS OPTIONS

Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)		
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)		
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)		
		* Max length GPS antenna connection			
AP Panel Ext Harness	Length				
6X9-82521-00-00	4.6m (15 ft)				
6X9-82521-10-00	9.1m (30 ft)				

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### SINGLE 2ND STATION FLUSH SIDE-MOUNT LEVEL 4



## SINGLE 2ND STATION FLUSH SIDE-MOUNT LEVEL 4 PARTS

	Description	Qty	Note
	6X9-48206-11-00 6X9 Sgl Flush Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
<b>LEVEL 1</b>	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762B0-G1-00 Single EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6GR-8258A-V0-00 Extension harness	1	XTO 375/425 only
<b>LEVEL 2</b>	6X9-615A0-11-00 Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd station 0.9m / 3 ft	1	
	6X9-762P0-11-00 Autopilot Kit 2nd station	1	
<b>LEVEL 4</b>	6X9-482A0-03-00 Joystick Controller Assy	1	
	6X9-82521-00-00 AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other length available

Level 4 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## KIT CONTENTS

<b>6X9-762B0-G1-00</b>	<b>Single EKS 2nd Station Kit</b>	<b>Qty</b>	<b>Note</b>
6X9-82570-B1-00	All start / stop switch	1	
6X9-82716-60-00	EKS harness	1	
<b>6X9-762P0-12-00</b>	<b>Autopilot Kit 2nd station</b>	<b>Qty</b>	<b>Note</b>
6X9-8253V-01-00	Autopilot panel	1	
6X9-82386-10-00	BCU harness	1	Extention available

## HARNESS OPTIONS

Main bus wire	Length	Pigtail bus wir36e	Length	2nd helm harness Port	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)		
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)		
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)		

\* Max length GPS antenna connection

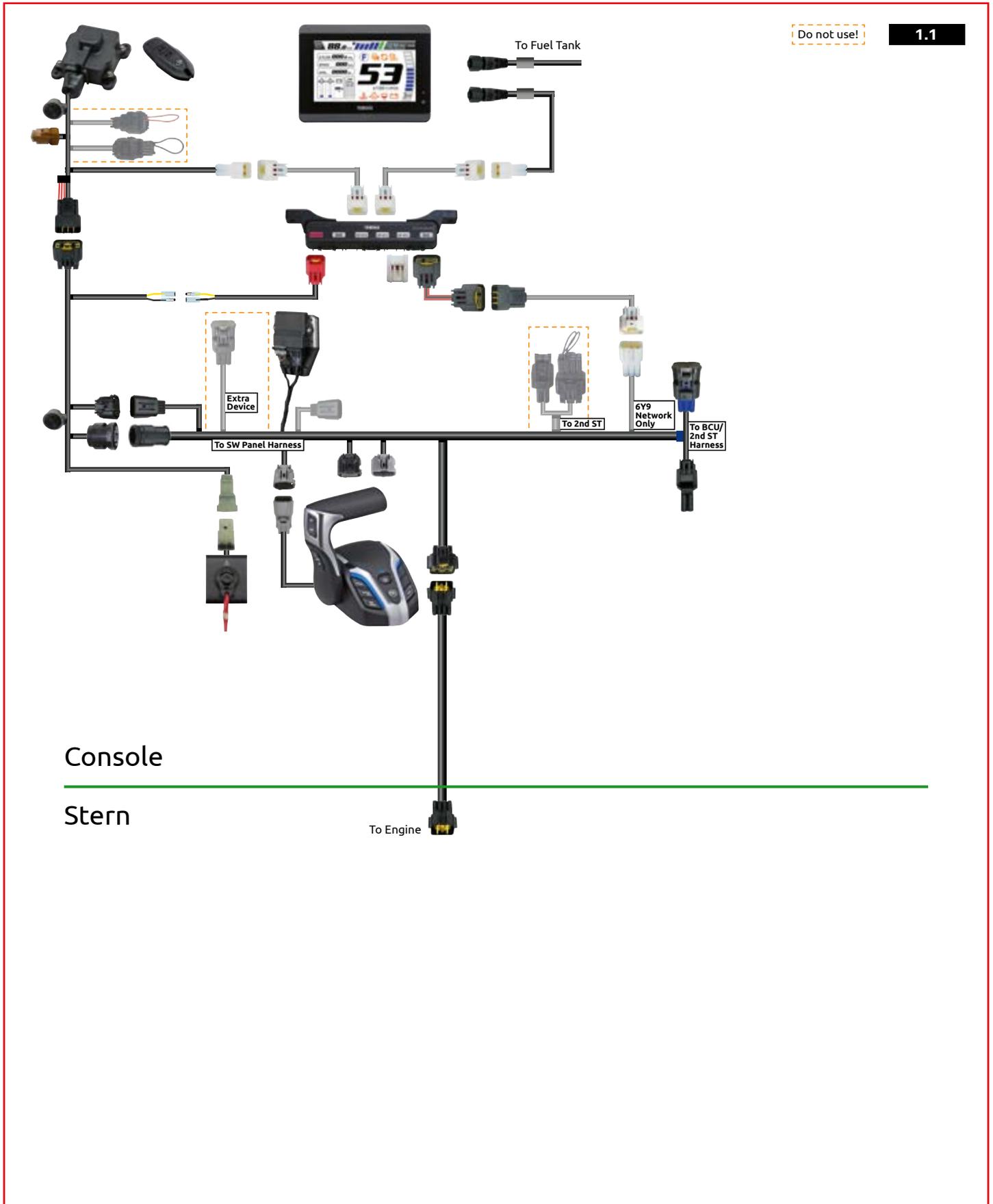
AP Panel Ext Harness	Length
6X9-82521-00-00	4.6m (15 ft)
6X9-82521-10-00	9.1m (30 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### SINGLE LEVEL 1

<b>SINGLE</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> STEERING	<b>SINGLE</b> STATION
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## SINGLE LEVEL 1 PARTS

	Description	Qty	Note
LEVEL 1	6X9-48205-22-00	6X9 Single Top Mt Main DEC	1
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1
	6X9-762E0-00-00	Single EKS Top Mount Kit	1
	6X6-8258A-21-00	Main harness 16P 8m / 26 ft	1

\*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	
6X9-762E0-00-00	Single EKS Top Mount Kit	1	
6X9-82716-21-00	EKS harness	1	
6X9-82570-70-00	Lanyard switch	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	
6Y8-82521-11-00	Pigtail bus wire	1	433 Mhz
6Y8-48277-00-00	Sticker	1	0.6m (2 ft)

## HARNESS OPTIONS

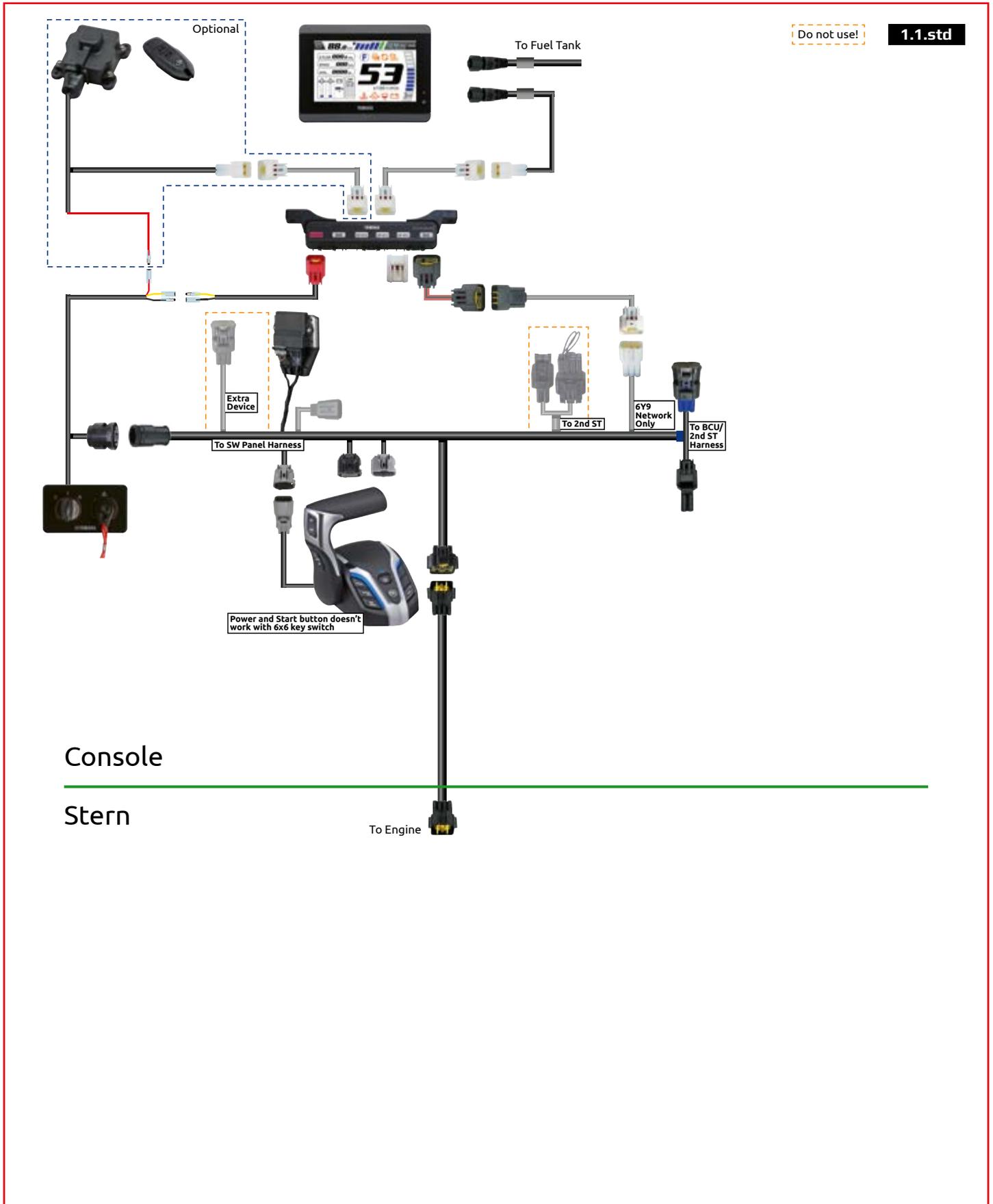
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				
6X6-8258A-41-00	12m (39 ft)				
6X6-8258A-71-00	15m (49 ft)				
6X6-8258A-81-00	24m (79 ft)				

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### SINGLE LEVEL 1 STANDARD

<b>SINGLE</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>STD</b> SWITCH	<b>DES</b> STEERING	<b>SINGLE</b> STATION
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## SINGLE LEVEL 1 STANDARD PARTS

	Description	Qty	Note
	6X9-48205-22-00 6X9 Sgl Top Mt Main DEC	1	
	6YM-762G0-71-00 CL5 Display Kit (DEC) with Wi-Fi*	1	
<b>LEVEL 1</b>	6X6-82570-34-00 Main switch	1	
	6X9-762D0-04-00 Immobilizer Kit	1	
	6X6-8258A-21-00 Main harness 16P 8m / 26 ft	1	Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multihub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	
<b>6X9-762D0-04-00</b>	<b>Immobilizer Kit</b>	<b>Qty</b>	<b>Note</b>
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433Mhz
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)
6Y8-48277-00-00	Sticker	1	

## HARNESS OPTIONS

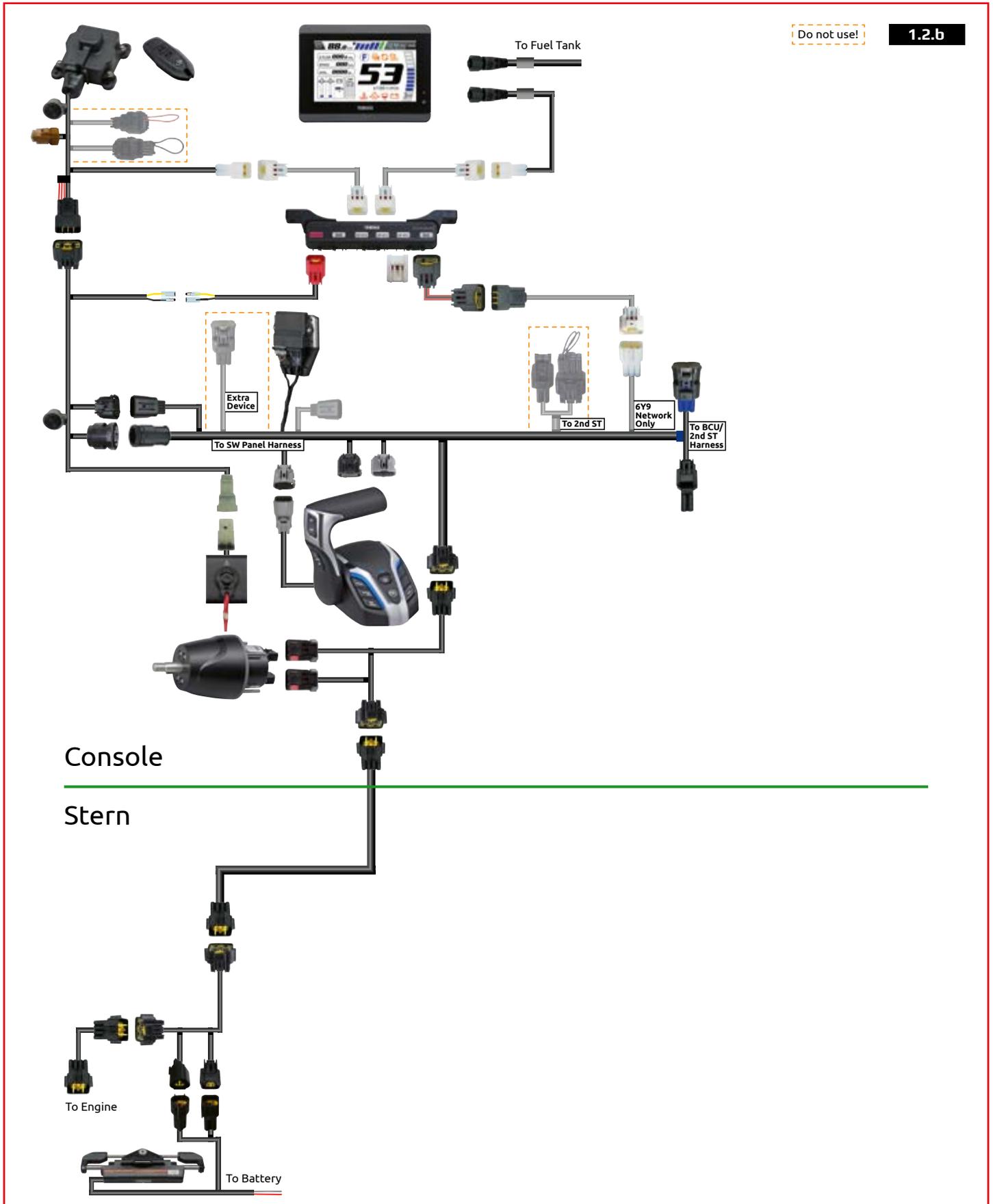
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				
6X6-8258A-41-00	12m (39 ft)				
6X6-8258A-71-00	15m (49 ft)				
6X6-8258A-81-00	24m (79 ft)				

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### SINGLE LEVEL 2 BOLT-ON

<b>SINGLE</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> BOLT-ON	<b>SINGLE</b> STATION
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## SINGLE LEVEL 2 BOLT-ON PARTS

	Description	Qty	Note	
<b>LEVEL 1</b>	6X9-48205-22-00	6X9 Single Top Mt Main DEC	1	
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1	
	6X9-762E0-00-00	Single EKS Top Mount Kit	1	
	6X6-8258A-21-00	Main harness 16P 8m / 26 ft	1	Other lengths available
	6X9-762S0-03-00	Bolt-on DES Kit	1	
<b>LEVEL 2</b>	6X9-438A0-00-00	Steering actuator harness 2.4m / 8 ft	1	Other lengths available
	6X6-8258A-51-00	Main harness 16P 3.7m / 12 ft	1	Other length available
	6X9-615A0-11-00	Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-8258A-01-00	Helm harness main station Single 0.9m / 3 ft	1	Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	
6X9-762E0-00-00	Single EKS Top Mount Kit	Qty	Note
6X9-82716-21-00	EKS harness	1	
6X9-82570-70-00	Lanyard switch	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	
6Y8-82521-11-00	Pigtail bus wire	1	433 Mhz
6Y8-48277-00-00	Sticker	1	0.6m (2 ft)
6X9-762S0-03-00	Bolt-on DES Kit	Qty	Note
6X9-42401-00-00	Actuator	1	
6X9-8258A-90-00	Split harness	1	

## HARNESS OPTIONS

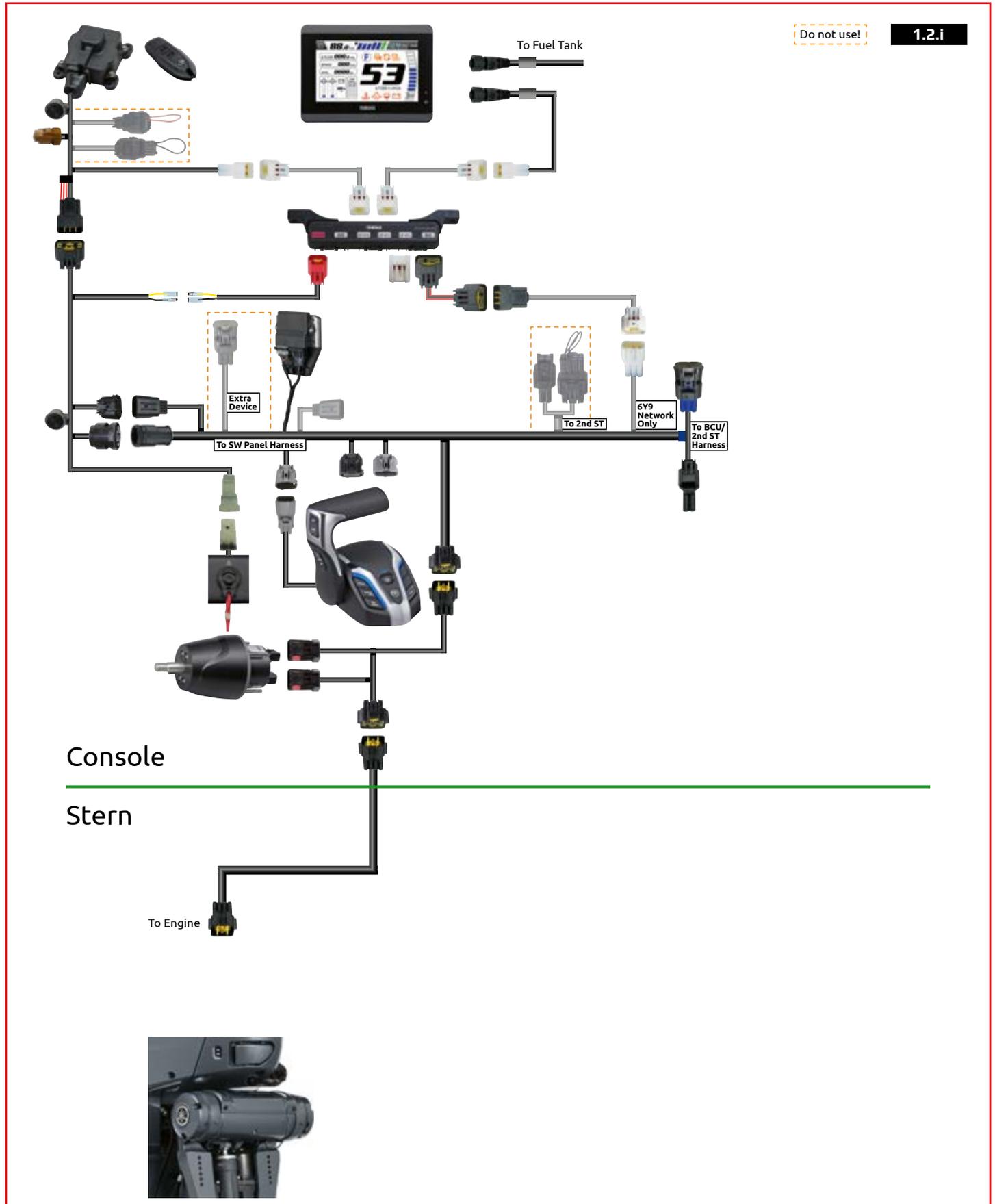
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				
6X6-8258A-41-00	12m (39 ft)	Steering actuator harness	Length	Helm harness	Length
6X6-8258A-71-00	15m (49 ft)	6X9-438A0-00-00	2.4m (8 ft)	6GR-8258A-01-00	0.9m (3 ft)
6X6-8258A-81-00	24m (79 ft)	6X9-438A0-10-00	4.5m (15 ft)	6GR-8258A-41-00	1.8m (6 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### SINGLE LEVEL 2 INTEGRATED

<b>SINGLE</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> INTEGRATED	<b>SINGLE</b> STATION
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## SINGLE LEVEL 2 INTEGRATED PARTS

	Description	Qty	Note
<b>LEVEL 1</b>	6X9-48205-22-00	6X9 Single Top Mt Main DEC	1
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1
	6X9-762E0-00-00	Single EKS Top Mount Kit	1
	6X6-8258A-21-00	Main harness 16P 8m / 26 ft	1 Other lengths available
<b>LEVEL 2</b>	6X9-615A0-11-00	Compact helm kit	1 Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-8258A-01-00	Helm harness main station Single 0.9m / 3 ft	1 Other length available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	
6X9-762E0-00-00	Single EKS Top Mount Kit	1	
6X9-82716-21-00	EKS harness	1	
6X9-82570-70-00	Lanyard switch	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	
6Y8-82521-11-00	Pigtail bus wire	1	433 Mhz
6Y8-48277-00-00	Sticker	1	0.6m (2 ft)

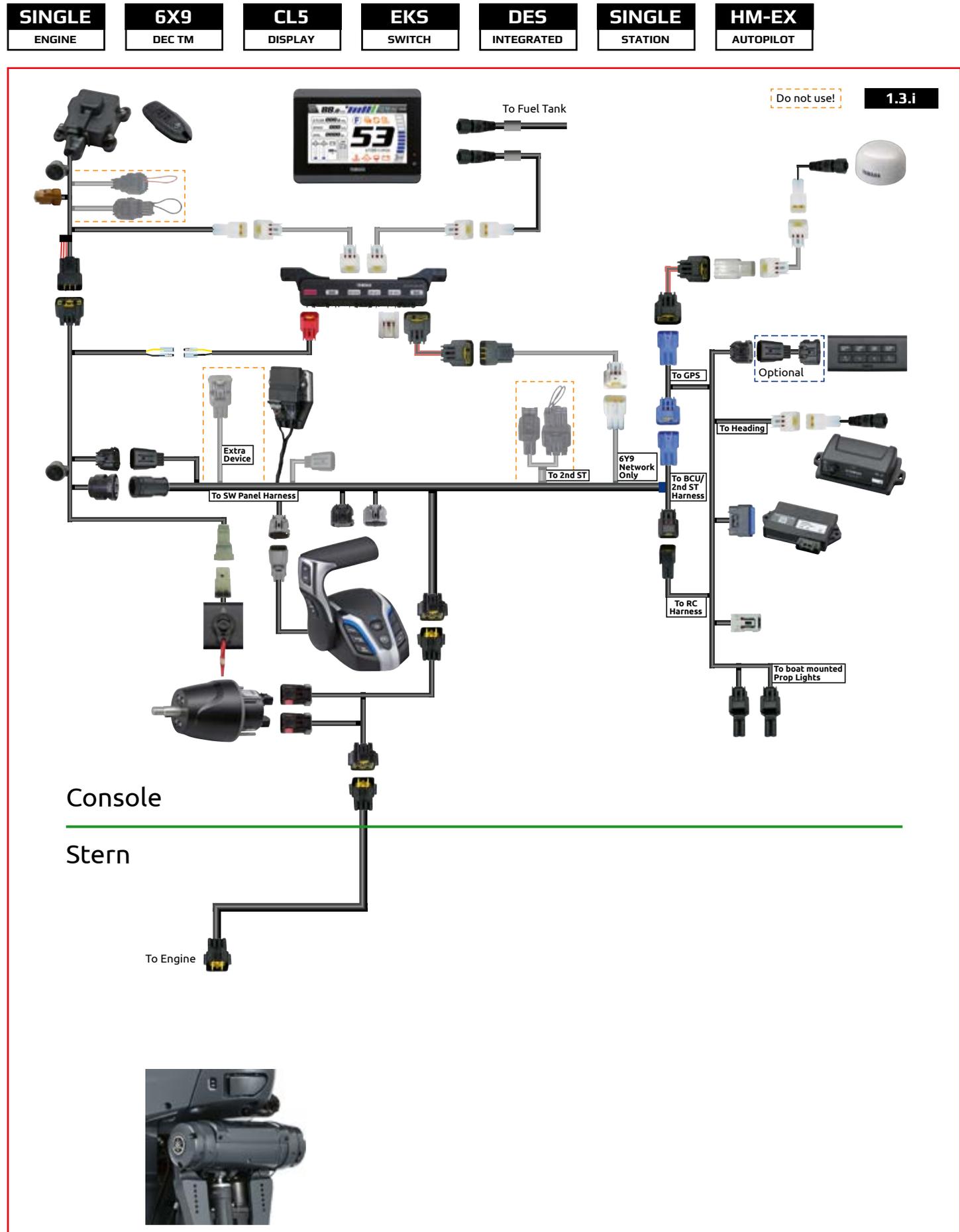
## HARNESS OPTIONS

Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				
6X6-8258A-41-00	12m (39 ft)	<b>Helm harness</b>	<b>Length</b>		
6X6-8258A-71-00	15m (49 ft)	6GR-8258A-01-00	0.9m (3 ft)		
6X6-8258A-81-00	24m (79 ft)	6GR-8258A-41-00	1.8m (6 ft)		

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### SINGLE LEVEL 3 INTEGRATED



## SINGLE LEVEL 3 INTEGRATED PARTS

	Description	Qty	Note
<b>LEVEL 1</b>	6X9-48205-22-00	6X9 Single Top Mt Main DEC	1
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1
	6X9-762E0-00-00	Single EKS Top Mount Kit	1
<b>LEVEL 2</b>	6X6-8258A-21-00	Main harness 16P 8m / 26 ft	1 Other length available
	6X9-615A0-11-00	Compact helm kit	1 Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-8258A-01-00	Helm harness main station Single 0.9m / 3 ft	1 Other length available
<b>LEVEL 3</b>	6X9-762P0-0C-00	Autopilot Kit Main Station	1
	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1 Other length available
	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1 Other length available
	6X9-82521-00-00	AP Panel Ext Harness 4.6m / 15 ft	1 (Optional) Other length available

Level 3 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

Part Number	Description	Qty	Note	Part Number	Description	Qty	Note
6X9-762E0-00-00	Single EKS Top Mount Kit	1		6X9-762P0-0C-00	Autopilot Kit Main Station	1	
6X9-82716-21-00	EKS harness	1		6X9-8253V-01-00	Autopilot panel	1	
6X9-82570-70-00	Lanyard switch	1		6X9-88107-00-00	GPS antenna	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433 Mhz	6X9-8A410-00-00	Heading sensor	1	
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)	6X9-8591T-14-00	Boat Control Unit	1	
6Y8-48277-00-00	Sticker	1		6Y8-81920-11-00	Single hub	1	
				6X9-82386-01-00	BCU harness	1	Ext. available
				6YM-83553-00-00	Conversion harness	2	0.9m (3 ft)

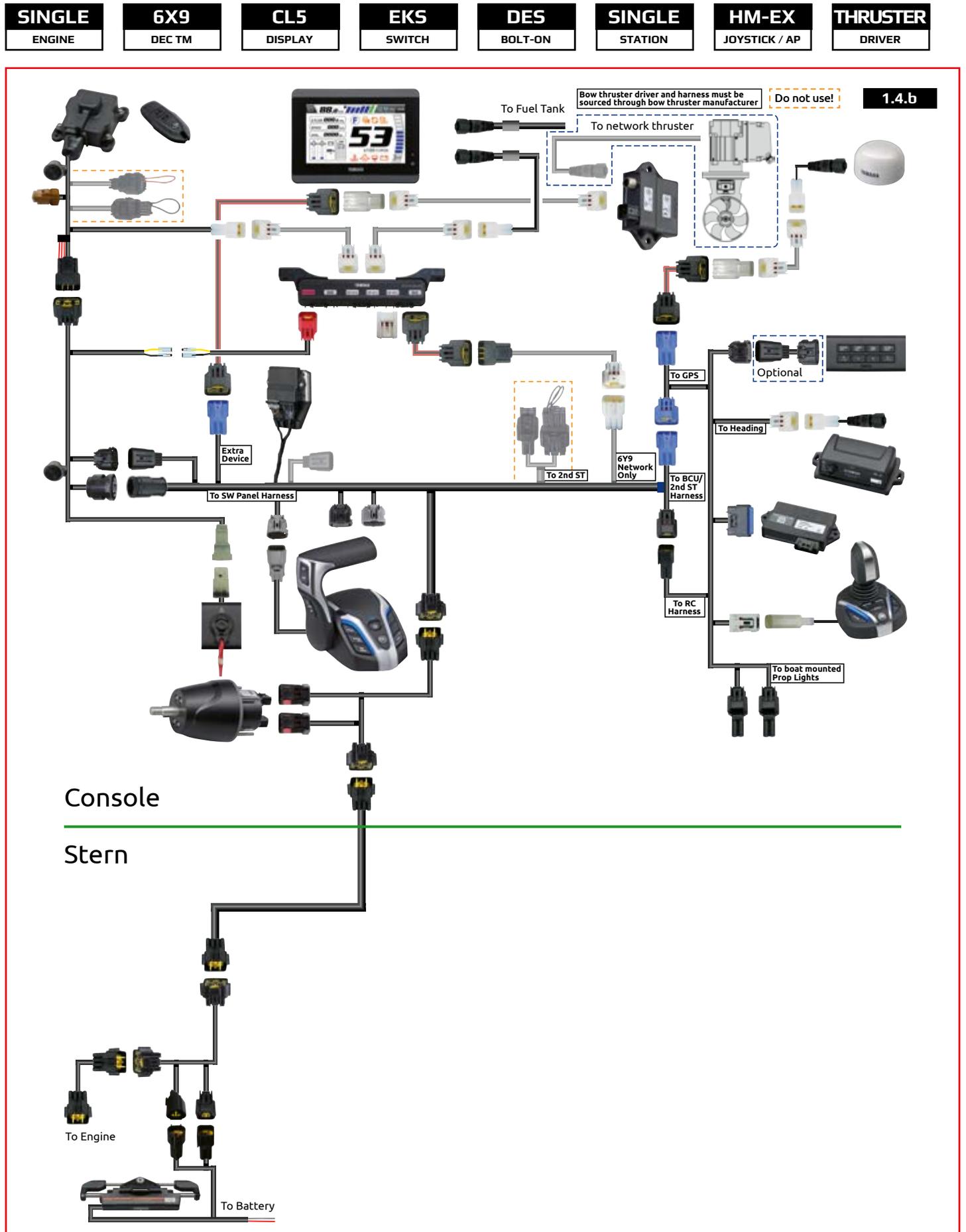
## HARNESS OPTIONS

Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)			* Max length GPS antenna connection	
6X6-8258A-41-00	12m (39 ft)	<b>Helm harness</b>	<b>Length</b>	<b>AP Panel Ext Harness</b>	<b>Length</b>
6X6-8258A-71-00	15m (49 ft)	6GR-8258A-00-00	0.9m (3 ft)	6X9-82521-00-00	4.6m (15 ft)
6X6-8258A-81-00	24m (79 ft)	6GR-8258A-40-00	1.8m (6 ft)	6X9-82521-10-00	9.1m (30 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### SINGLE LEVEL 4 BOLT-ON



## SINGLE LEVEL 4 BOLT-ON PARTS

	Description	Qty	Note
<b>LEVEL 1</b>	6X9-48205-22-00	6X9 Single Top Mt Main DEC	1
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1
	6X9-762E0-00-00	Single EKS Top Mount Kit	1
	6X6-8258A-21-00	Main harness 16P 8m / 26 ft	1 Other lengths available
	6X9-762S0-03-00	Bolt-on DES Kit	1
<b>LEVEL 2</b>	6X9-438A0-00-00	Steering actuator harness 2.4m / 8 ft	1 Other lengths available
	6X6-8258A-51-00	Main harness 16P 3.7m / 12 ft	1 Other length available
	6X9-615A0-11-00	Compact helm kit	1 Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-8258A-01-00	Helm harness main station Single 0.9m / 3 ft	1 Other lengths available
	6X9-762J0-83-10	Joystick Fitting Kit Single	1
	6X9-482A0-03-00	Joystick Controller Assy	1
<b>LEVEL 4</b>	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1 Other lengths available
	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1 Other lengths available
	6X9-82521-00-00	AP Panel Ext Harness 4.6m / 15 ft	1 (Optional) Other length available

Level 4 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## BOW THRUSTER INTEGRATION

Part Number	Description	Qty	Note
6X9-86500-02-00	Bow Thruster Driver	1	
6Y8-81920-11-00	Inline Hub	1	
6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

Part Number	Description	Qty	Note	Part Number	Description	Qty	Note
6X9-762E0-00-00	Single EKS Top Mount Kit	1		6X9-762J0-83-10	Singel HME4 No JSTK	1	
6X9-82716-21-00	EKS harness	1		6X9-8253V-01-00	Autopilot panel	1	
6X9-82570-70-00	Lanyard switch	1		6X9-88107-02-00	GPS antenna	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433 Mhz	6X9-8A410-00-00	Heading sensor	1	
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)	6X9-8591T-14-00	Boat Control Unit	1	
6Y8-48277-00-00	Sticker	1		6Y8-81920-11-00	Single hub	1	Ext. available
6X9-762S0-03-00	Bolt-on DES Kit	1		6X9-82386-01-00	BCU harness	2	0.9m (3 ft)
6X9-42401-00-00	Actuator	1		6YM-83553-00-00	Conversion harness	1	
6X9-8258A-90-00	Split harness	1		6KA-83720-00-00	Prop lights *	1	

\*) See engine mounted prop lights section

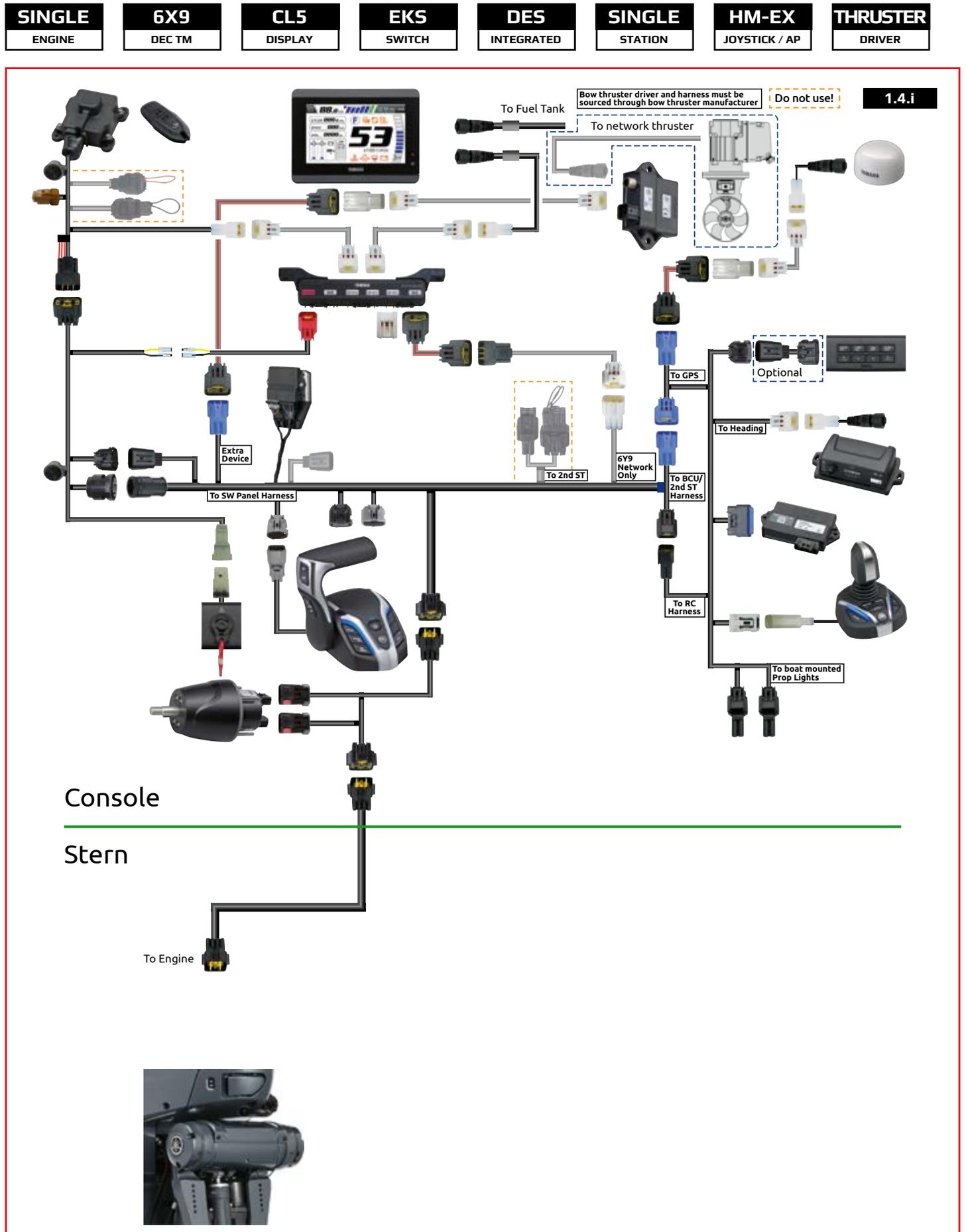
## HARNESS OPTIONS

Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)			* Max length GPS antenna connection	
6X6-8258A-41-00	12m (39 ft)	<b>Steering actuator harness</b>	<b>Length</b>	<b>Helm harness</b>	<b>Length</b>
6X6-8258A-71-00	15m (49 ft)	6X9-438A0-00-00	2.4m (8 ft)	6GR-8258A-00-00	0.9m (3 ft)
6X6-8258A-81-00	24m (79 ft)	6X9-438A0-10-00	4.5m (15 ft)	6GR-8258A-40-00	1.8m (6 ft)
<b>AP Panel Ext Harness</b>	<b>Length</b>				
6X9-82521-00-00	4.6m (15 ft)				
6X9-7182521-10-00	9.1m (30 ft)				

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### SINGLE LEVEL 4 INTEGRATED



## SINGLE LEVEL 4 INTEGRATED PARTS

	Description	Qty	Note
LEVEL 1	6X9-48205-22-00	6X9 Single Top Mt Main DEC	1
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1
	6X9-762E0-00-00	Single EKS Top Mount Kit	1
LEVEL 2	6X6-8258A-21-00	Main harness 16P 8m / 26 ft	1 Other length available
	6X9-615A0-11-00	Compact helm kit	1 Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-8258A-01-00	Helm harness main station Single 0.9m / 3 ft	1 Other length available
LEVEL 4	6X9-762J0-83-10	Joystick Fitting Kit Single	1
	6X9-482A0-03-00	Joystick Controller Assy	1
	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1 Other length available
	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1 Other length available
	6X9-82521-00-00	AP Panel Ext Harness 4.6m / 15 ft	1 (Optional) Other length available

Level 4 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## BOW THRUSTER INTEGRATION

Part Number	Description	Qty	Note
6X9-86500-02-00	Bow Thruster Driver		
6Y8-81920-11-00	Inline Hub	1	
6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi		
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

Part Number	Description	Qty	Note	Part Number	Description	Qty	Note
6X9-762E0-00-00	Single EKS Top Mount Kit			6X9-762J0-83-10	Singel HMEK 4 No JSTK		
6X9-82716-21-00	EKS harness	1		6X9-8253V-01-00	Autopilot panel	1	
6X9-82570-70-00	Lanyard switch	1		6X9-88107-02-00	GPS antenna	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433 Mhz	6X9-8A410-00-00	Heading sensor	1	
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)	6X9-8591T-14-00	Boat Control Unit	1	
6Y8-48277-00-00	Sticker	1		6Y8-81920-11-00	Single hub	1	Ext. available
				6X9-82386-01-00	BCU harness	2	0.9m (3 ft)
				6YM-83553-00-00	Conversion harness	1	
				6KA-83720-00-00	Prop lights *	1	

\*) See engine mounted prop lights section

## HARNESS OPTIONS

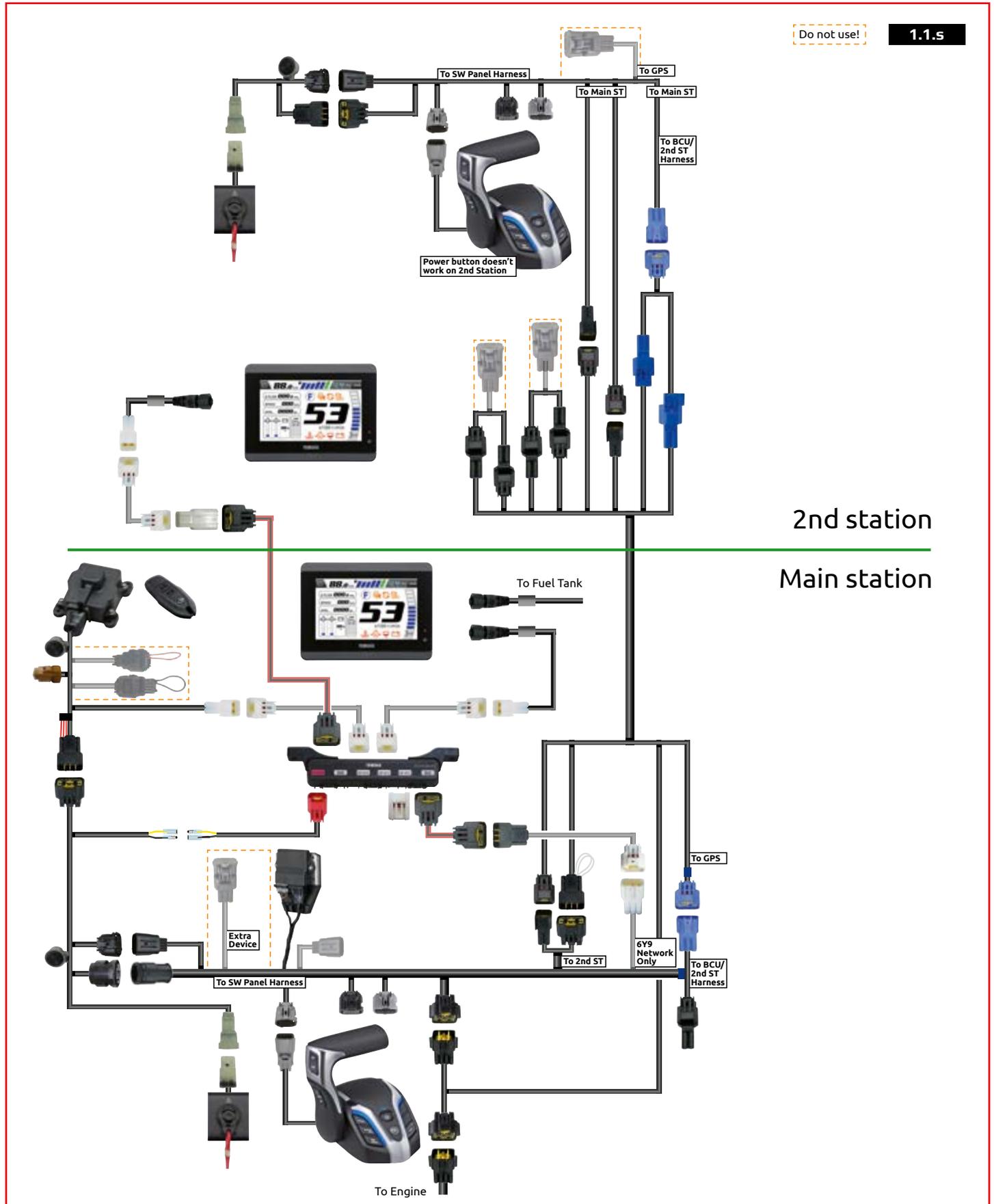
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)			* Max length GPS antenna connection	
6X6-8258A-41-00	12m (39 ft)				
6X6-8258A-71-00	15m (49 ft)	<b>Helm harness</b>	<b>Length</b>	<b>AP Panel Ext Harness</b>	<b>Length</b>
6X6-8258A-81-00	24m (79 ft)	6GR-8258A-00-00	0.9m (3 ft)	6X9-82521-00-00	4.6m (15 ft)
		6GR-8258A-40-00	1.8m (6 ft)	6X9-82521-10-00	9.1m (30 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### SINGLE 2ND STATION LEVEL 1

<b>SINGLE</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> STEERING	<b>DUAL</b> STATION
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## SINGLE 2ND STATION LEVEL 1 PARTS

	Description	Qty	Note
LEVEL 1	6X9-48205-30-00	6X9 Sgl Top Mt 2nd Stn	1 2nd station
	6YM-83710-08-00	CL5 display with Wi-Fi*	1 Display only
	6YM-83553-00-00	Conversion harness for CL5	1
	6Y8-81920-11-00	Single hub	1
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	1 Other lengths available
	6Y8-82553-11-00	Main bus wire 4.6m / 15 ft	1 Other lengths available
	6X9-762E0-80-00	Single EKS 2nd Station Kit	1
	6X9-8258A-00-00	2nd station harness Port 5m / 16 ft	1 Other lengths available
	*) For other display options, check the display section in this guide		

## KIT CONTENTS

Part Number	Description	Qty	Note
6X9-762E0-80-00	Single EKS 2nd Station Kit	1	
6X9-82716-60-00	EKS harness	1	
6X9-82570-70-00	Lanyard switch	1	

## HARNESS OPTIONS

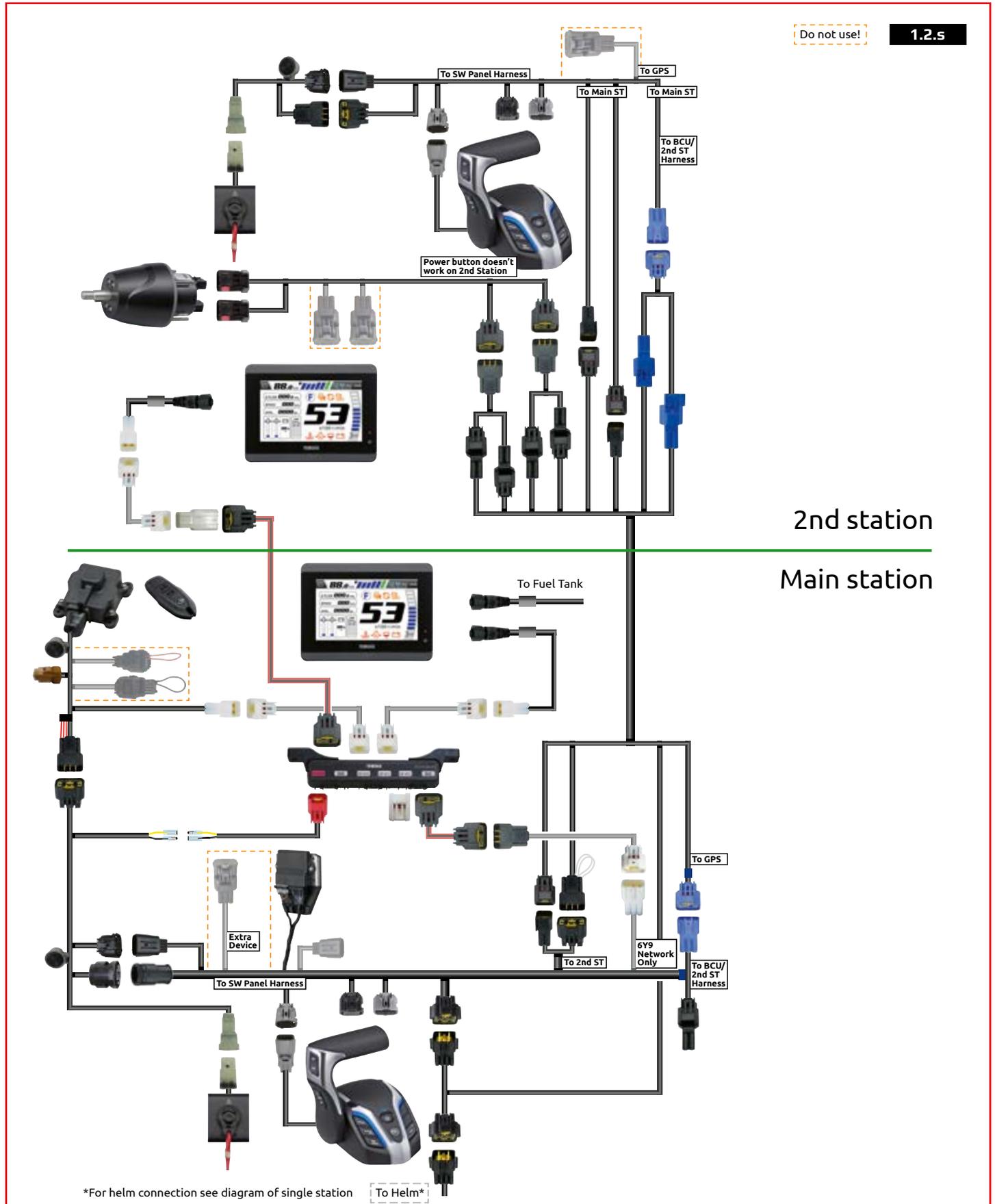
Main bus wire	Length	Pigtail bus wire	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### SINGLE 2ND STATION LEVEL 2

<b>SINGLE</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> BOLT-ON	<b>DUAL</b> STATION
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## SINGLE 2ND STATION LEVEL 2 PARTS

	Description	Qty	Note
	6X9-48205-30-00 6X9 Sgl Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
<b>LEVEL 1</b>	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762E0-80-00 Single EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6GR-8258A-V0-00 Extension harness	1	XTO 375/425 only
<b>LEVEL 2</b>	6X9-615A0-11-00 Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd station 0.9m / 3 ft	1	Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6X9-762E0-80-00	Single EKS 2nd Station Kit		
6X9-82716-60-00	EKS harness	1	
6X9-82570-70-00	Lanyard switch	1	

## HARNESS OPTIONS

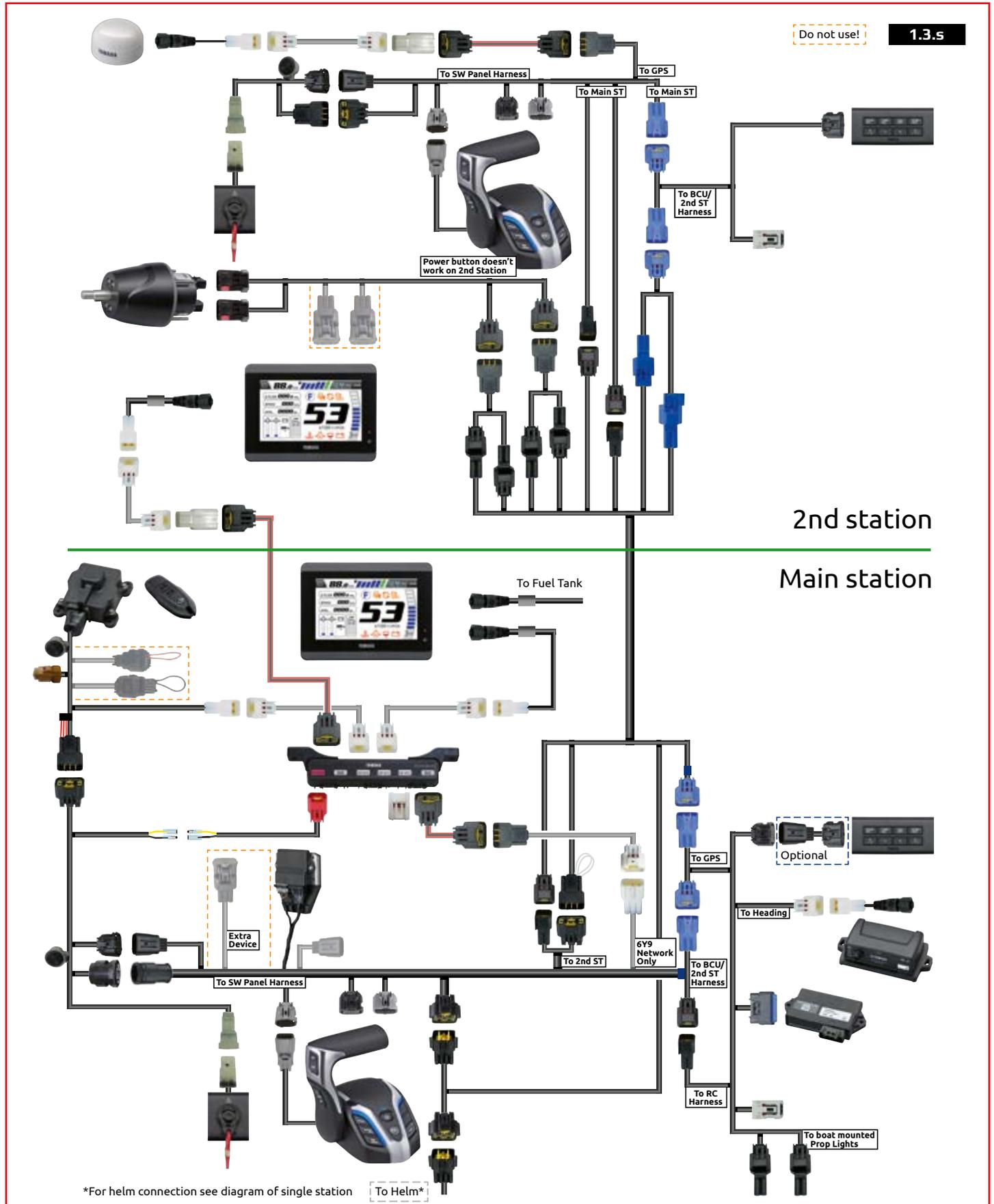
Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)		
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)		
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)		

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### SINGLE 2ND STATION LEVEL 3

<b>SINGLE</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> BOLT-ON	<b>DUAL</b> STATION	<b>HM-EX</b> AUTOPILOT
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## SINGLE 2ND STATION LEVEL 3 PARTS

	Description	Qty	Note
	6X9-48205-30-00 6X9 Sgl Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
<b>LEVEL 1</b>	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762E0-80-00 Single EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6GR-8258A-V0-00 Extension harness	1	XTO 375/425 only
<b>LEVEL 2</b>	6X9-615A0-11-00 Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd station 0.9m / 3 ft	1	Other lengths available
	6X9-762P0-11-00 Autopilot kit 2nd station	1	
<b>LEVEL 3</b>	6X9-82521-00-00 AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other length available

Level 3 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## KIT CONTENTS

6X9-762E0-80-00	Single EKS 2nd Station Kit	Qty	Note
6X9-82716-60-00	EKS harness	1	
6X9-82570-70-00	Lanyard switch	1	
6X9-762P0-12-00	Autopilot Kit 2nd station	Qty	Note
6X9-8253V-01-00	Autopilot panel	1	
6X9-82386-10-00	BCU harness	1	Extention available

## HARNESS OPTIONS

Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)		
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)		
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)		

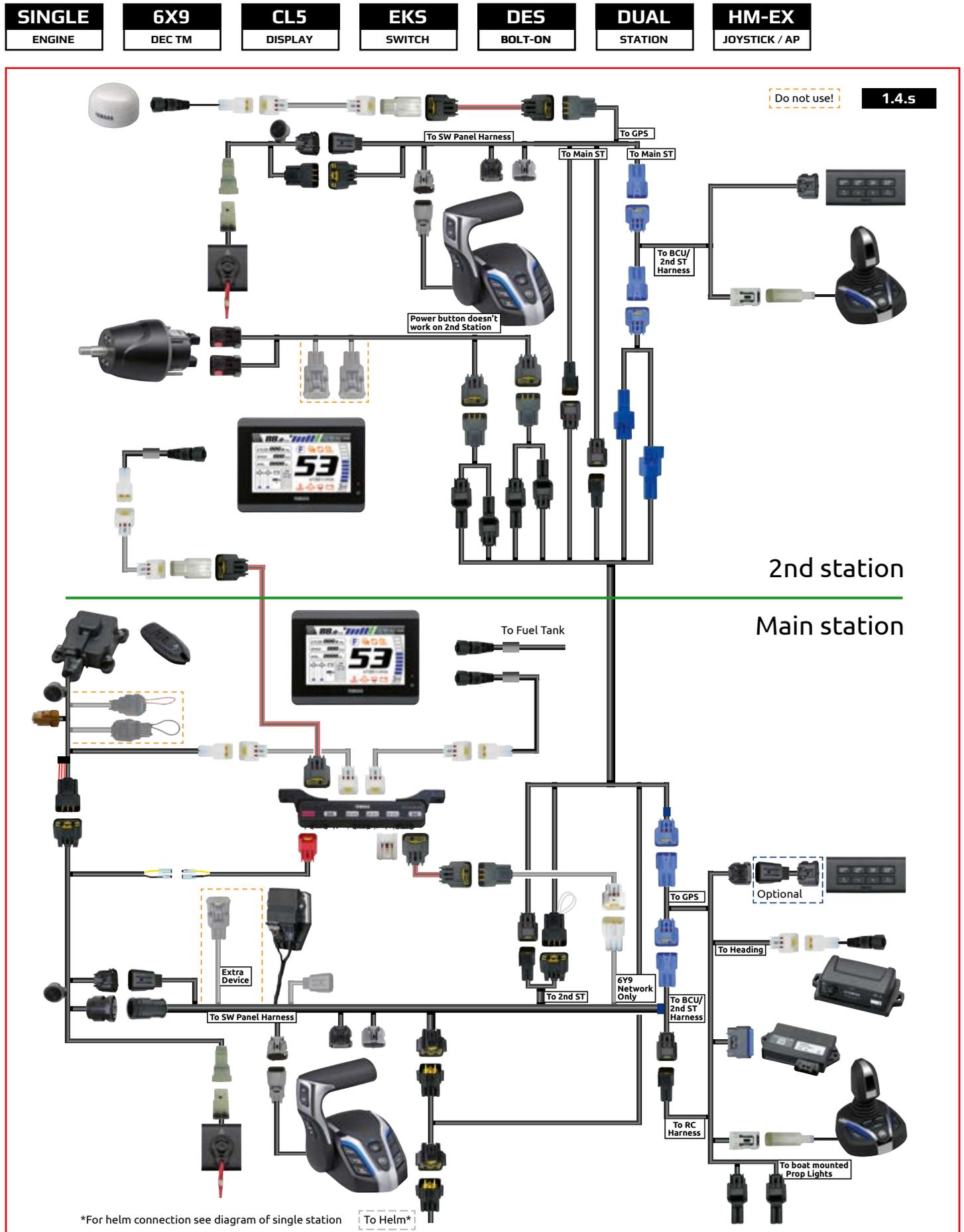
\* Max length GPS antenna connection

AP Panel Ext Harness	Length
6X9-82521-00-00	4.6m (15 ft)
6X9-82521-10-00	9.1m (30 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### SINGLE 2ND STATION LEVEL 4



## SINGLE 2ND STATION LEVEL 4 PARTS

	Description	Qty	Note
	6X9-48205-30-00 6X9 Sgl Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
<b>LEVEL 1</b>	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762E0-80-00 Single EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6GR-8258A-V0-00 Extension harness	1	XTO 375/425 only
<b>LEVEL 2</b>	6X9-615A0-11-00 Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd station 0.9m / 3 ft	1	
	6X9-762P0-11-00 Autopilot Kit 2nd station	1	
<b>LEVEL 4</b>	6X9-482A0-03-00 Joystick Controller Assy	1	
	6X9-82521-00-00 AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other length available

Level 4 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## KIT CONTENTS

<b>6X9-762E0-80-00</b>	<b>Single EKS 2nd Station Kit</b>	<b>Qty</b>	<b>Note</b>
6X9-82716-60-00	EKS harness	1	
6X9-82570-70-00	Lanyard switch	1	
<b>6X9-762P0-12-00</b>	<b>Autopilot Kit 2nd station</b>	<b>Qty</b>	<b>Note</b>
6X9-8253V-01-00	Autopilot panel	1	
6X9-82386-10-00	BCU harness	1	Extention available

## HARNESS OPTIONS

Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)		
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)		
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)		

\* Max length GPS antenna connection

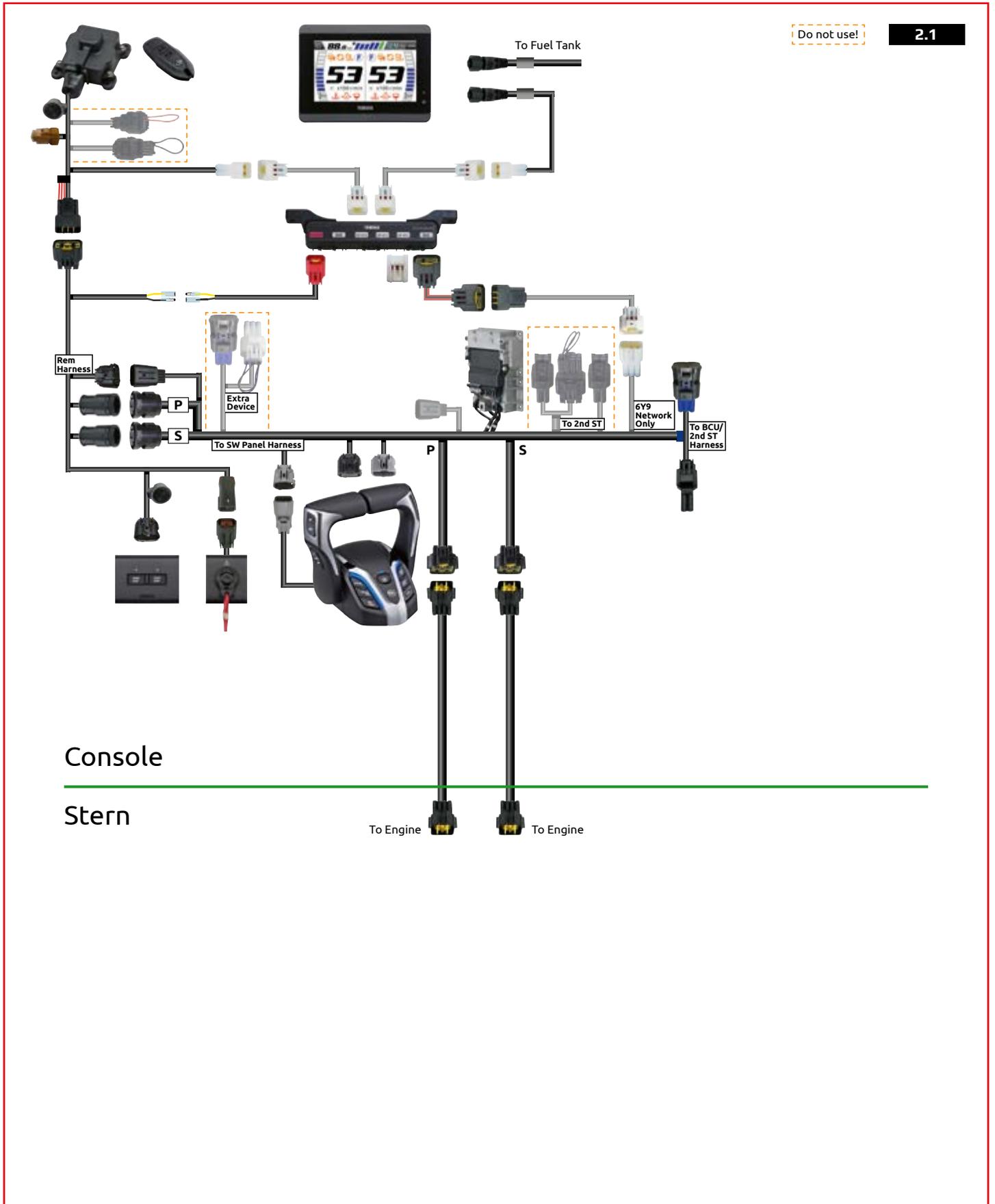
AP Panel Ext Harness	Length
6X9-82521-00-00	4.6m (15 ft)
6X9-82521-10-00	9.1m (30 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### TWIN LEVEL 1

<b>TWIN</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> STEERING	<b>SINGLE</b> STATION
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## TWIN LEVEL 1 PARTS

	Description	Qty	Note
	6X9-48207-23-00	6X9 Twin Top Mt Main DEC	1
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1
<b>LEVEL 1</b>	6X9-762E0-11-00	Twin EKS Top Mount Kit	1
	6X6-8258A-21-00	Main harness 16P 26ft / 8m	1 Other lengths available
	6X6-8258A-31-00	Main harness 16P 32ft / 10m	1 Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

6X9-762E0-11-00	Twin EKS Top Mount Kit	Qty	Note
6X9-82570-31-00	Individual start / stop	1	
6X9-82716-50-00	EKS harness	1	
6X9-82570-80-00	Lanyard switch	1	
6X9-86254-04-00	Immobilizer + key fob (2pcs)	1	433Mhz
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)
6Y8-48277-00-00	Sticker	1	

## HARNESS OPTIONS

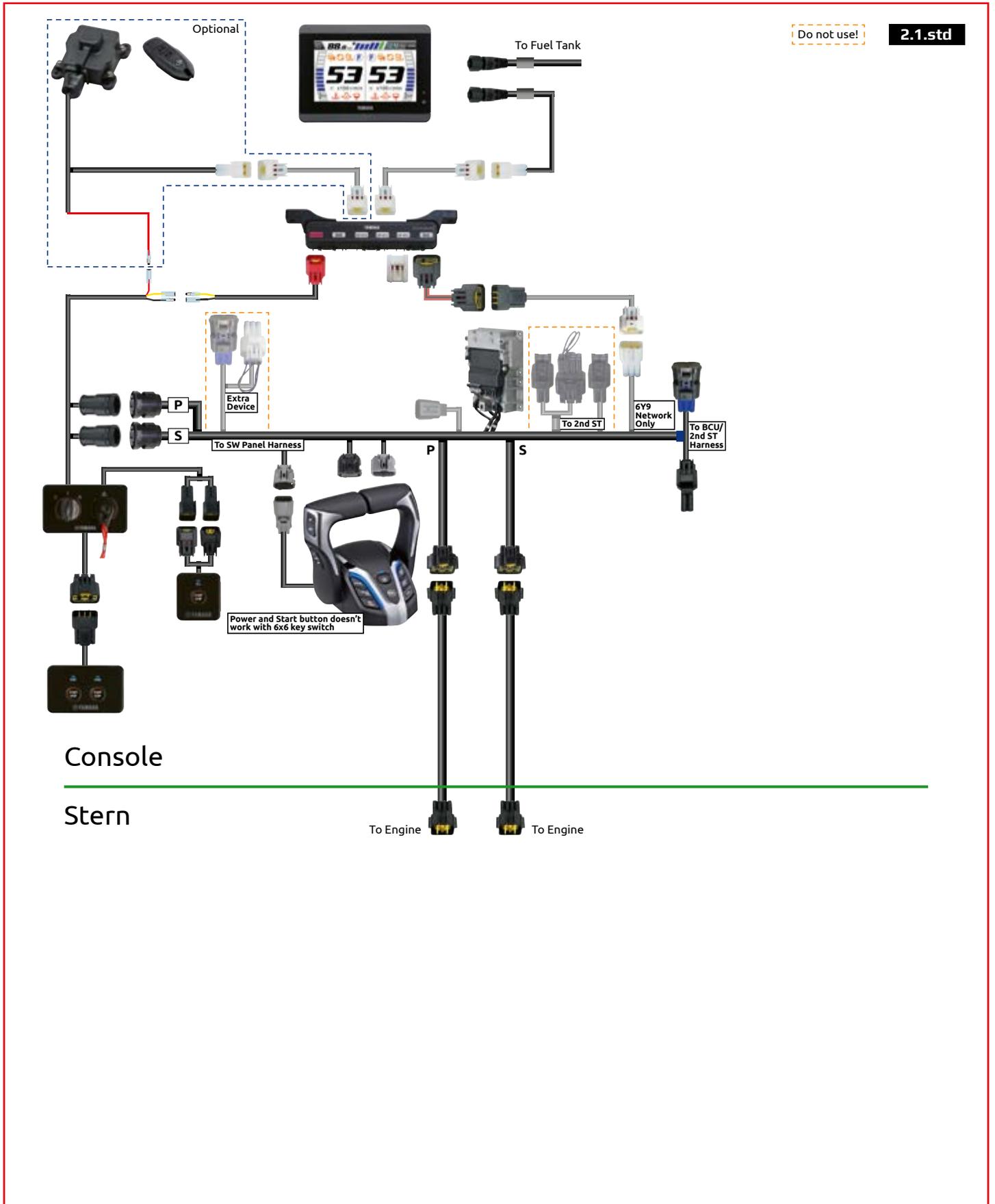
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				
6X6-8258A-41-00	12m (39 ft)				
6X6-8258A-71-00	15m (49 ft)				
6X6-8258A-81-00	24m (79 ft)				

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### TWIN LEVEL 1 STANDARD

<b>TWIN</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>STD</b> SWITCH	<b>DES</b> STEERING	<b>SINGLE</b> STATION
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## TWIN LEVEL 1 STANDARD PARTS

	Description	Qty	Note	
<b>LEVEL 1</b>	6X9-48207-23-00	6X9 Twin Top Mt Main DEC	1	
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1	
	6X9-762D0-04-00	Immobilizer Kit	1	
	6X6-762B0-01-00	Main switch Kit	1	All start option 6X6-82570-D0-00
	6X6-8258A-21-00	Main harness 16P 8m / 26 ft	1	Other lengths available
	6X6-8258A-31-00	Main harness 16P 10m / 32 ft	1	Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multihub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

6X9-762D0-04-00	Immobilizer Kit	Qty	Note
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433Mhz
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)
6Y8-48277-00-00	Sticker	1	

## HARNESS OPTIONS

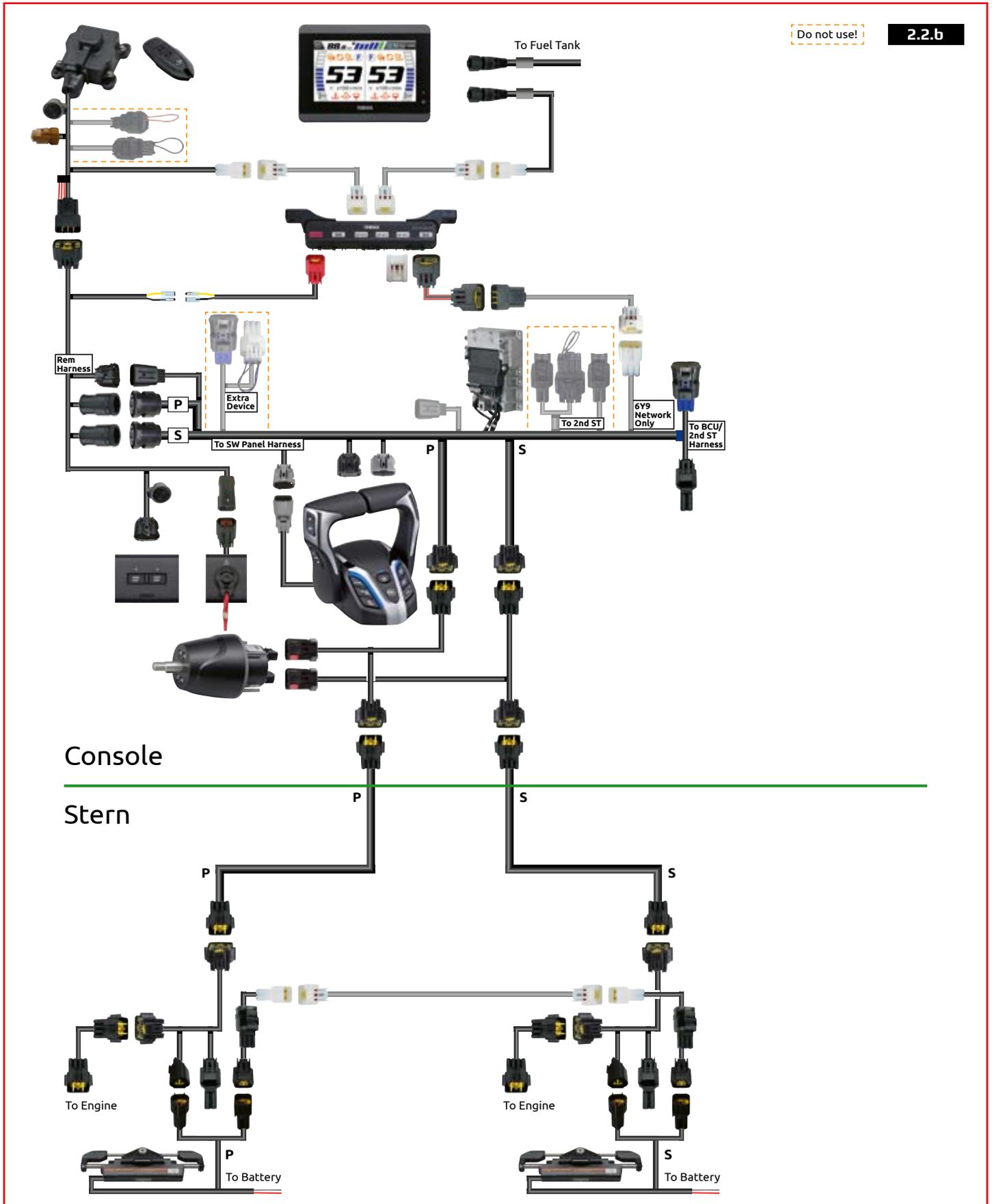
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				
6X6-8258A-41-00	12m (39 ft)				
6X6-8258A-71-00	15m (49 ft)				
6X6-8258A-81-00	24m (79 ft)				

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### TWIN LEVEL 2 BOLT-ON

<b>TWIN</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> BOLT-ON	<b>SINGLE</b> STATION
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## TWIN LEVEL 2 BOLT-ON PARTS

	Description	Qty	Note	
<b>LEVEL 1</b>	6X9-48207-23-00	6X9 Twin Top Mt Main DEC	1	
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1	
	6X9-762E0-11-00	Twin EKS Top Mount Kit	1	
	6X6-8258A-21-00	Main harness 16P 26ft / 8m	1	Other lengths available
	6X6-8258A-31-00	Main harness 16P 32ft / 10m	1	Other lengths available
<b>LEVEL 2</b>	6X9-762S0-03-00	Bolt-on DES Kit	2	
	6X9-438A0-00-00	Steering actuator harness 2.4m / 8 ft	2	Other lengths available
	6X6-8258A-51-00	Main harness 16P 3.7m / 12 ft	2	Other lengths available
	6X9-615A0-11-00	Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6GR-81115-00-00	SCU link harness (Port/Stbd) 1.5m (5 ft)	2	Other lengths available
	6GR-8258A-10-00	Helm harness main station Twin/Triple/Quad 0.9m / 3 ft	2	Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multihub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

Part Number	Description	Qty	Note
6X9-762E0-11-00	Twin EKS Top Mount Kit	1	
6X9-82570-31-00	Individual start / stop	1	
6X9-82716-50-00	EKS harness	1	
6X9-82570-80-00	Lanyard switch	1	
6X9-86254-04-00	Immobilizer + key fob (2pcs)	1	433Mhz
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)
6Y8-48277-00-00	Sticker	1	

Part Number	Description	Qty	Note
6X9-762S0-03-00	Bolt-on DES Kit	2	
6X9-42401-00-00	Actuator	1	
6X9-8258A-90-00	Split harness	1	

## HARNESS OPTIONS

Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)

Steering actuator harness	Length	Helm harness	Length
6X9-438A0-00-00	2.4m (8 ft)	6GR-8258A-11-00	0.9m (3 ft)
6X9-438A0-10-00	4.5m (15 ft)	6GR-8258A-51-00	1.8m (6 ft)
		6GR-8258A-61-00	2.7m (9 ft)

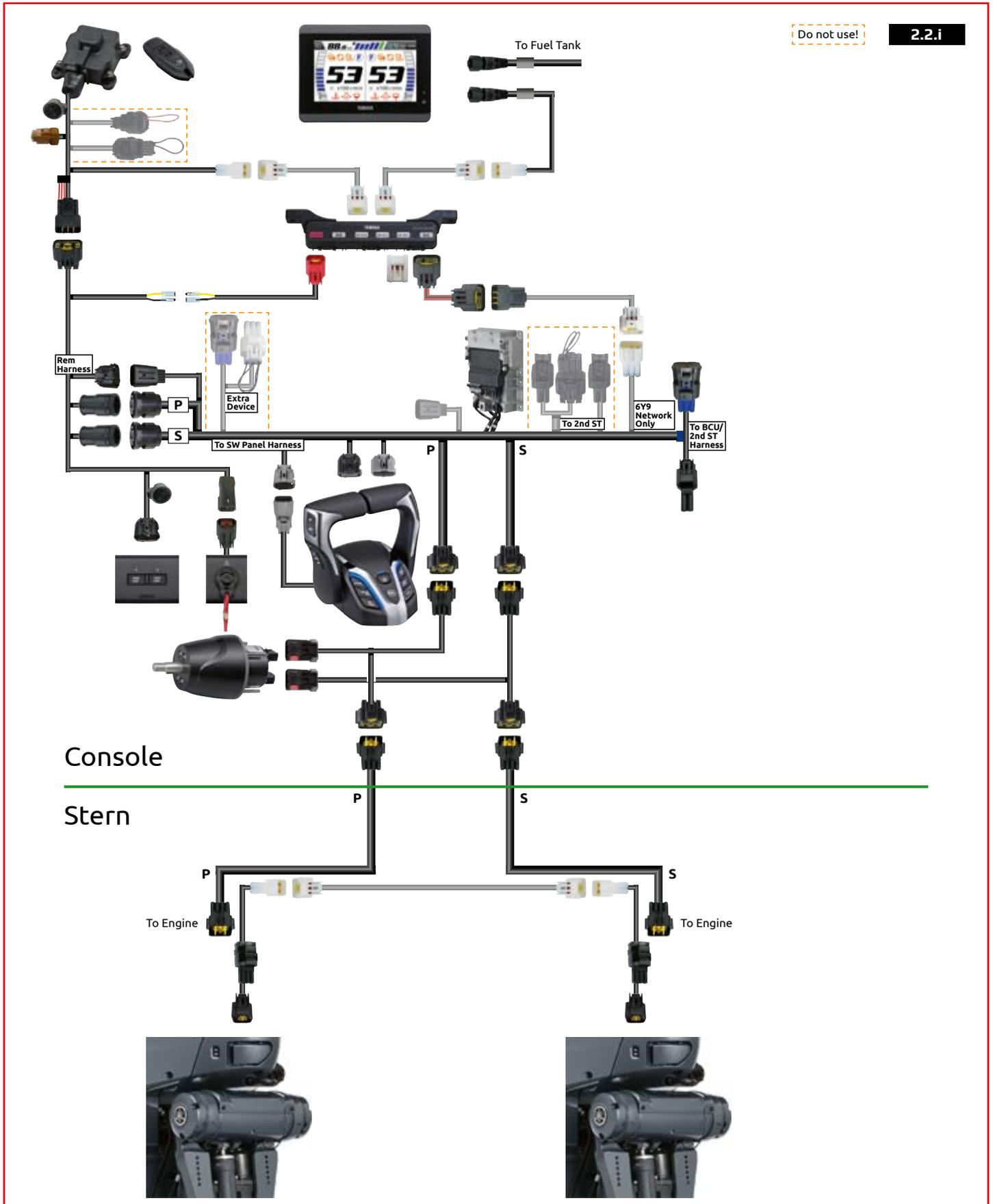
SCU Link harness P/S	Length
6X9-81115-00-00	0.3m (1 ft)
6GR-81115-00-00	1.5m (5 ft)
6GR-81115-10-00	3.0m (10 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### TWIN LEVEL 2 INTEGRATED

<b>TWIN</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> INTEGRATED	<b>SINGLE</b> STATION
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## TWIN LEVEL 2 INTEGRATED PARTS

	Description	Qty	Note	
<b>LEVEL 1</b>	6X9-48207-23-00	6X9 Twin Top Mt Main DEC	1	
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1	
	6X9-762E0-11-00	Twin EKS Top Mount Kit	1	
	6X6-8258A-21-00	Main harness 16P 26ft / 8m	1	Other lengths available
	6X6-8258A-31-00	Main harness 16P 32ft / 10m	1	Other lengths available
<b>LEVEL 2</b>	6X9-615A0-11-00	Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-81115-00-00	SCU link harness (Port/ Stbd) 1.5m (5 ft)	2	Other lengths available
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6GR-8258A-10-00	Helm harness main station Twin/Triple/Quad 0.9m / 3 ft	2	Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

Part Number	Description	Qty	Note
6X9-762E0-11-00	Twin EKS Top Mount Kit	1	
6X9-82570-31-00	Individual start / stop	1	
6X9-82716-50-00	EKS harness	1	
6X9-82570-80-00	Lanyard switch	1	
6X9-86254-04-00	Immobilizer + key fob (2pcs)	1	433Mhz
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)
6Y8-48277-00-00	Sticker	1	

## HARNESS OPTIONS

Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				
6X6-8258A-41-00	12m (39 ft)	Helm harness	Length	SCU Link harness P/S	Length
6X6-8258A-71-00	15m (49 ft)	6GR-8258A-10-00	0.9m (3 ft)	6X9-81115-00-00	0.3m (1 ft)
6X6-8258A-81-00	24m (79 ft)	6GR-8258A-50-00	1.8m (6 ft)	6GR-81115-00-00	1.5m (5 ft)
		6GR-8258A-60-00	2.7m (9 ft)	6GR-81115-10-00	3.0m (10 ft)



## TWIN LEVEL 3 INTEGRATED PARTS

	Description	Qty	Note	
<b>LEVEL 1</b>	6X9-48207-23-00	6X9 Twin Top Mt Main DEC	1	
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1	
	6X9-762E0-11-00	Twin EKS Top Mount Kit	1	
	6X6-8258A-21-00	Main harness 16P 26ft / 8m	1	Other lengths available
	6X6-8258A-31-00	Main harness 16P 32ft / 10m	1	Other lengths available
<b>LEVEL 2</b>	6X9-615A0-11-00	Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-81115-00-00	SCU link harness (Port/ Stbd) 1.5m (5 ft)	2	Other lengths available
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6GR-8258A-10-00	Helm harness main station Twin/Triple/Quad 0.9m / 3 ft	2	Other lengths available
<b>LEVEL 3</b>	6X9-762P0-0C-00	Autopilot Kit Main Station	1	
	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other length available
	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other length available
	6X9-82521-00-00	AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other length available

Level 3 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

Part Number	Description	Qty	Note	Part Number	Description	Qty	Note
6X9-762E0-11-00	Twin EKS Top Mount Kit			6X9-762P0-0C-00	Autopilot Kit Main Station		
6X9-82570-31-00	Individual start / stop	1		6X9-8253V-01-00	Autopilot panel	1	
6X9-82716-50-00	EKS harness	1		6X9-88107-00-00	GPS antenna	1	
6X9-82570-80-00	Lanyard switch	1		6X9-8A410-00-00	Heading sensor	1	
6X9-86254-04-00	Immobilizer + key fob (2pcs)	1	433Mhz	6X9-8591T-14-00	Boat Control Unit	1	
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)	6Y8-81920-11-00	Single hub	1	
6Y8-48277-00-00	Sticker	1		6X9-82386-01-00	BCU harness	1	Ext. available
				6YM-83553-00-00	Conversion harness	2	0.9m (3 ft)

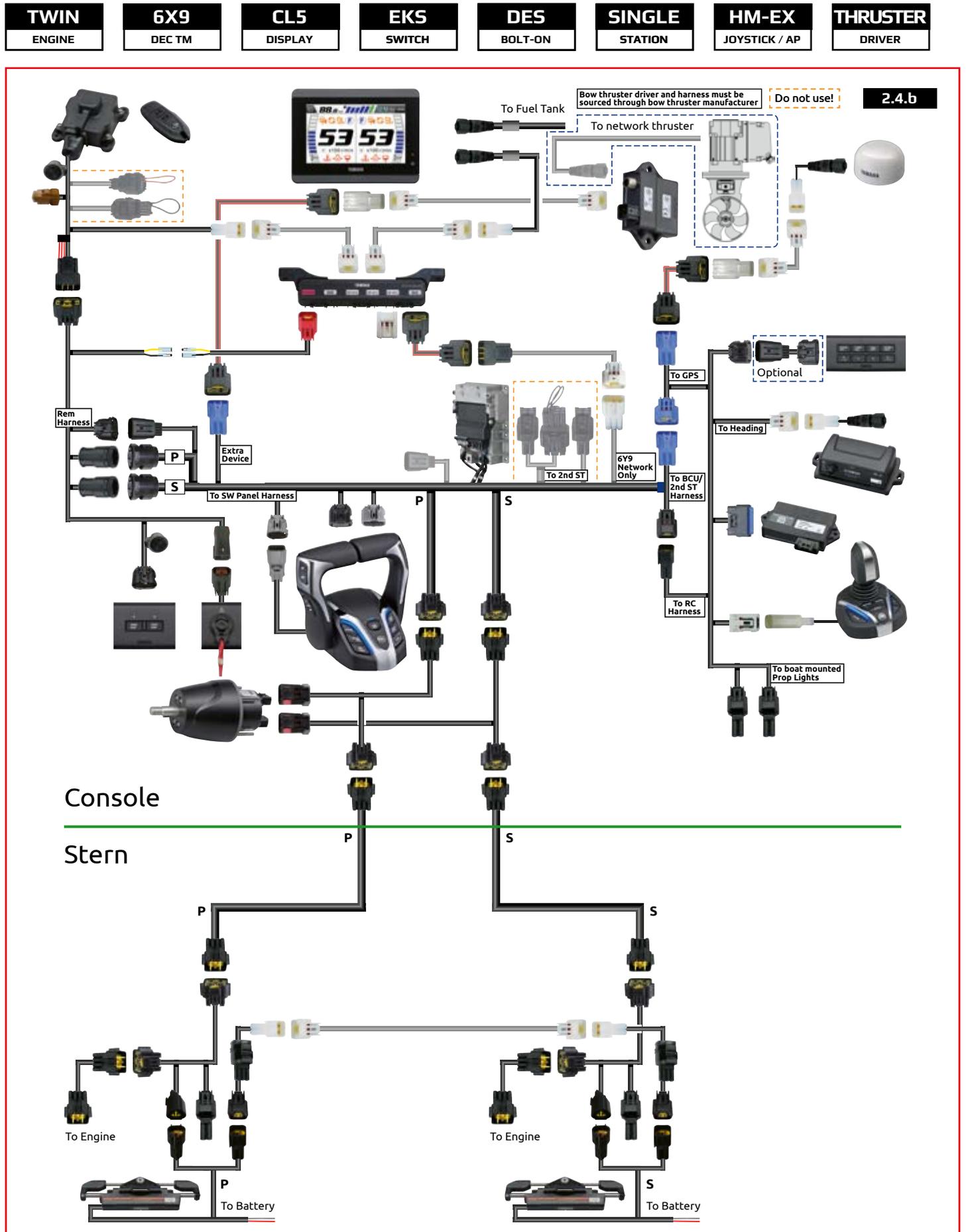
## HARNESS OPTIONS

Main harness 16P		Main bus wire		Pigtail bus wire	
Length (m)		Length		Length	
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)			* Max length GPS antenna connection	
6X6-8258A-41-00	12m (39 ft)				
6X6-8258A-71-00	15m (49 ft)				
6X6-8258A-81-00	24m (79 ft)				
		Helm harness		SCU Link harness P/S	
		Length		Length	
		6GR-8258A-11-00	0.9m (3 ft)	6X9-81115-00-00	0.3m (1 ft)
		6GR-8258A-51-00	1.8m (6 ft)	6GR-81115-00-00	1.5m (5 ft)
		6GR-8258A-61-00	2.7m (9 ft)	6GR-81115-10-00	3.0m (10 ft)
AP Panel Ext Harness					
Length					
6X9-82521-00-00	4.6m (15 ft)				
6X9-82521-10-00	9.1m (30 ft)				

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### TWIN LEVEL 4 BOLT-ON



## TWIN LEVEL 4 BOLT-ON PARTS

	Description	Qty	Note	
<b>LEVEL 1</b>	6X9-48207-23-00	6X9 Twin Top Mt Main DEC	1	
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1	
	6X9-762E0-11-00	Twin EKS Top Mount Kit	1	
	6X6-8258A-21-00	Main harness 16P 26ft / 8m	1	Other lengths available
	6X6-8258A-31-00	Main harness 16P 32ft / 10m	1	Other lengths available
<b>LEVEL 2</b>	6X9-762S0-03-00	Bolt-on DES Kit	2	
	6X9-438A0-00-00	Steering actuator harness 2.4m / 8 ft	2	Other lengths available
	6X6-8258A-51-00	Main harness 16P 3.7m / 12 ft	2	Other lengths available
	6X9-615A0-11-00	Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6GR-81115-00-00	SCU link harness (Port/ Stbd) 1.5m (5 ft)	2	Other lengths available
<b>LEVEL 4</b>	6GR-8258A-10-00	Helm harness main station Twin/Triple/Quad 0.9m / 3 ft	2	Other lengths available
	6X9-762J0-95-00	Joystick Fitting Kit Twin	1	
	6X9-482A0-03-00	Joystick Controller Assy	1	
	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available
	6X9-82521-00-00	AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other length available

Level 4 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## BOW THRUSTER INTEGRATION

	Bow Thruster Driver	Qty	Note
6X9-86500-02-00	Bow Thruster Driver	1	
6Y8-81920-11-00	Inline Hub	1	
6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available

## KIT CONTENTS

	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 Display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

	Twin EKS Top Mount Kit	Qty	Note	6X9-762J0-95-00	Twin HMEX 4 No JSTK	Qty	Note
6X9-762E0-11-00	Twin EKS Top Mount Kit	1		6X9-8253V-01-00	Autopilot panel	1	
6X9-82570-31-00	Individual start / stop	1		6X9-88107-02-00	GPS antenna	1	
6X9-82716-50-00	EKS harness	1		6X9-8A410-00-00	Heading sensor	1	
6X9-82570-80-00	Lanyard switch	1		6X9-8591T-24-00	Boat Control Unit	1	
6X9-86254-04-00	Immobilizer + key fob (2pcs)	1	433Mhz	6Y8-81920-11-00	Single hub	1	
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)	6X9-82386-01-00	BCU harness	1	Ext. available
6Y8-48277-00-00	Sticker	1		6YM-83553-00-00	Conversion harness	2	0.9m (3 ft)
6X9-762S0-03-00	Bolt-on DES Kit	Qty	Note	6KA-83720-00-00	Prop lights *	2	
6X9-42401-00-00	Actuator	1		*) See engine mounted prop lights section			
6X9-8258A-90-00	Split harness	1					

## HARNESS OPTIONS

Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)			* Max length GPS antenna connection	
6X6-8258A-41-00	12m (39 ft)	<b>Steering actuator harness</b>	<b>Length</b>	<b>Helm harness</b>	<b>Length</b>
6X6-8258A-71-00	15m (49 ft)	6X9-438A0-00-00	2.4m (8 ft)	6GR-8258A-11-00	0.9m (3 ft)
6X6-8258A-81-00	24m (79 ft)	6X9-438A0-10-00	4.5m (15 ft)	6GR-8258A-51-00	1.8m (6 ft)
		<b>AP Panel Ext Harness</b>	<b>Length</b>	6GR-8258A-61-00	2.7m (9 ft)
<b>SCU Link harness P/S</b>	<b>Length</b>	6X9-82521-00-00	4.6m (15 ft)		
6X9-81115-00-00	0.3m (1 ft)	6X9-82521-10-00	9.1m (30 ft)		
6GR-81115-00-00	1.5m (5 ft)				
6GR-81115-10-00	3.0m (10 ft)				



## TWIN LEVEL 4 INTEGRATED PARTS

	Description	Qty	Note	
<b>LEVEL 1</b>	6X9-48207-23-00	6X9 Twin Top Mt Main DEC	1	
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1	
	6X9-762E0-11-00	Twin EKS Top Mount Kit	1	
	6X6-8258A-21-00	Main harness 16P 26ft / 8m	1	Other lengths available
	6X6-8258A-31-00	Main harness 16P 32ft / 10m	1	Other lengths available
<b>LEVEL 2</b>	6X9-615A0-11-00	Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-81115-00-00	SCU link harness (Port/ Stbd) 1.5m (5 ft)	2	Other lengths available
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6GR-8258A-10-00	Helm harness main station Twin/Triple/Quad 0.9m / 3 ft	2	Other lengths available
<b>LEVEL 4</b>	6X9-762J0-95-00	Joystick Fitting Kit Twin	1	
	6X9-482A0-03-00	Joystick Controller Assy	1	
	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available
	6X9-82521-00-00	AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other length available

Level 4 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## BOW THRUSTER INTEGRATION

	Bow Thruster Driver	Qty	Note
6Y8-81920-11-00	Inline Hub	1	
6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available

## KIT CONTENTS

	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
6YM-762G0-71-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

	Twin EKS Top Mount Kit	Qty	Note	6X9-762J0-95-00	Twin HMEX 4 No JSTK	Qty	Note
6X9-82570-31-00	Individual start / stop	1		6X9-8253V-01-00	Autopilot panel	1	
6X9-82716-50-00	EKS harness	1		6X9-88107-02-00	GPS antenna	1	
6X9-82570-80-00	Lanyard switch	1		6X9-8A410-00-00	Heading sensor	1	
6X9-86254-04-00	Immobilizer + key fob (2pcs)	1	433Mhz	6X9-8591T-24-00	Boat Control Unit	1	
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)	6Y8-81920-11-00	Single hub	1	
6Y8-48277-00-00	Sticker	1		6X9-82386-01-00	BCU harness	1	Ext. available
				6YM-83553-00-00	Conversion harness	2	0.9m (3 ft)
				6X9-482A0-02-00	Conversion harness	1	
				6KA-83720-00-00	Prop lights *	2	

\*) See engine mounted prop lights section

## HARNESS OPTIONS

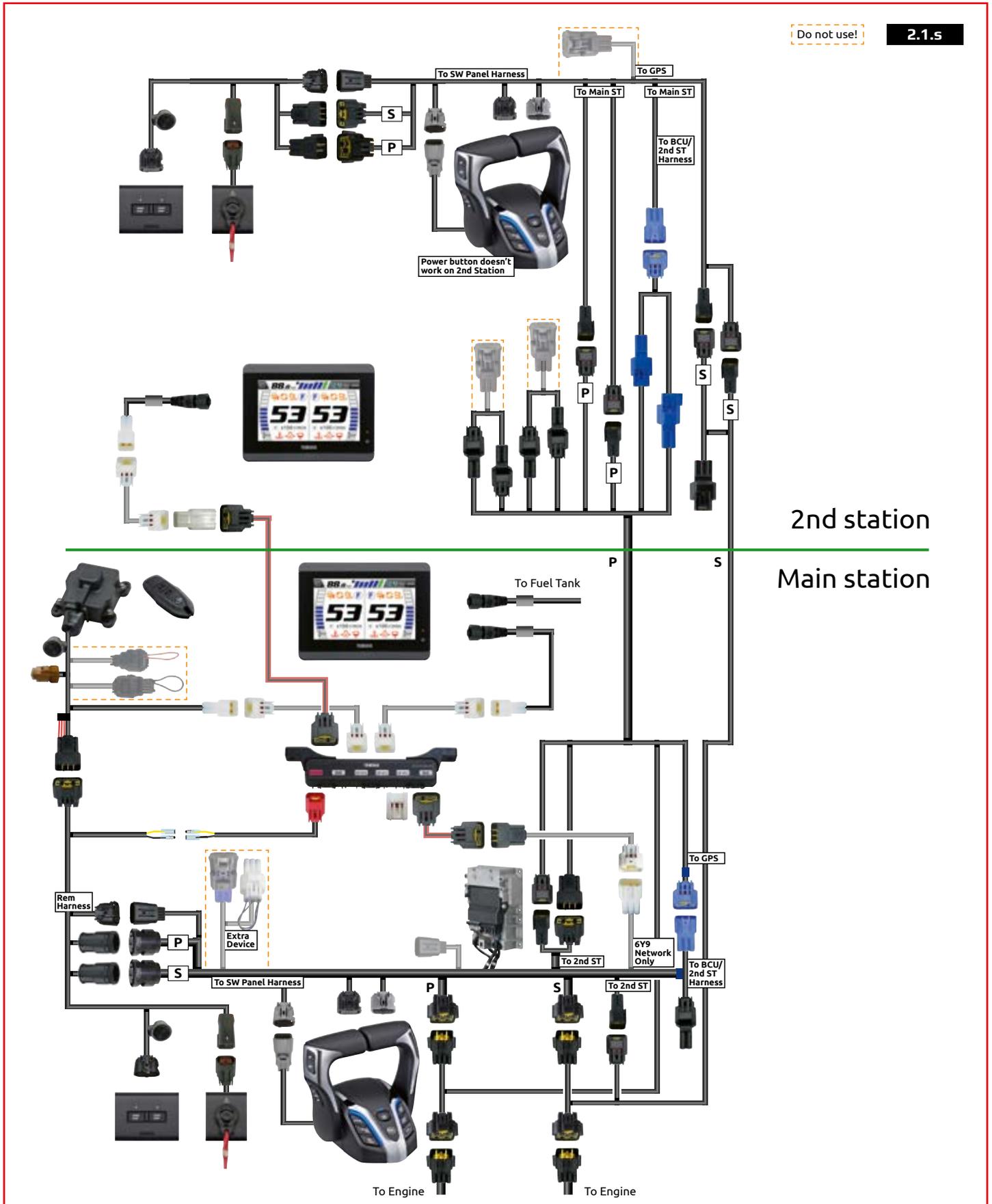
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)			* Max length GPS antenna connection	
6X6-8258A-41-00	12m (39 ft)				
6X6-8258A-71-00	15m (49 ft)	<b>Helm Harness</b>	<b>Length</b>	<b>SCU Link harness P/S</b>	<b>Length</b>
6X6-8258A-81-00	24m (79 ft)	6GR-8258A-11-00	0.9m (3 ft)	6X9-81115-00-00	0.3m (1 ft)
		6GR-8258A-51-00	1.8m (6 ft)	6GR-81115-00-00	1.5m (5 ft)
<b>AP Panel Ext Harness</b>	<b>Length</b>	6GR-8258A-61-00	2.7m (9 ft)	6GR-81115-10-00	3.0m (10 ft)
6X9-82521-00-00	4.6m (15 ft)				
6X9-82521-10-00	9.1m (30 ft)				

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### TWIN 2ND STATION LEVEL 1

<b>TWIN</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> STEERING	<b>DUAL</b> STATION
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## TWIN 2ND STATION LEVEL 1 PARTS

	Description	Qty	Note
	6X9-48207-30-00 6X9 Multi Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
<b>LEVEL 1</b>	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762E0-90-00 Twin EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6X9-8258A-30-00 2nd station harness Stbd 5m / 16 ft	1	Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

6X9-762E0-90-00	Twin EKS 2nd Station Kit	Qty	Note
6X9-82570-31-00	Twin Panel P+S start stop	1	
6X9-82716-70-00	EKS harness	1	
6X9-82570-80-00	Lanyard switch	1	

## HARNESS OPTIONS

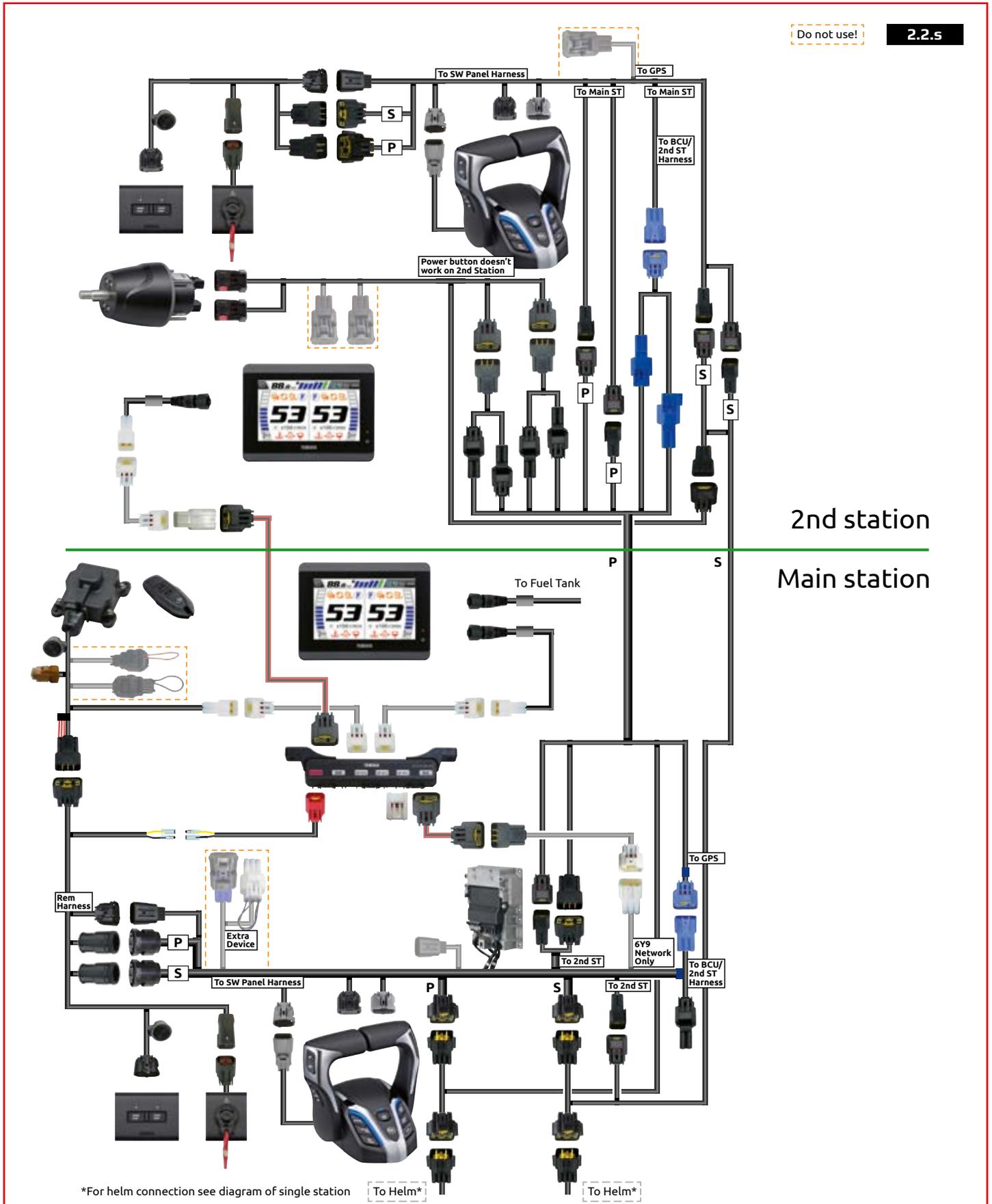
Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)		
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)	2nd helm harness Stbd	Length
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)	6X9-8258A-30-00	5m (16 ft)
				6X9-8258A-40-00	8m (26 ft)
				6X9-8258A-50-00	12m (38 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### TWIN 2ND STATION LEVEL 2

<b>TWIN</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> BOLT-ON	<b>DUAL</b> STATION
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## TWIN 2ND STATION LEVEL 2 PARTS

	Description	Qty	Note
	6X9-48207-30-00 6X9 Multi Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
<b>LEVEL 1</b>	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762E0-90-00 Twin EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6X9-8258A-30-00 2nd station harness Stbd 5m / 16 ft	1	Other lengths available
	6GR-8258A-V0-00 Extension harness	2	XTO 375/425 only
<b>LEVEL 2</b>	6X9-615A0-11-00 Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd station 0.9m / 3 ft	1	

\*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6X9-762E0-90-00	Twin EKS 2nd Station Kit		
6X9-82570-31-00	Twin Panel P+S start stop	1	
6X9-82716-70-00	EKS harness	1	
6X9-82570-80-00	Lanyard switch	1	

## HARNESS OPTIONS

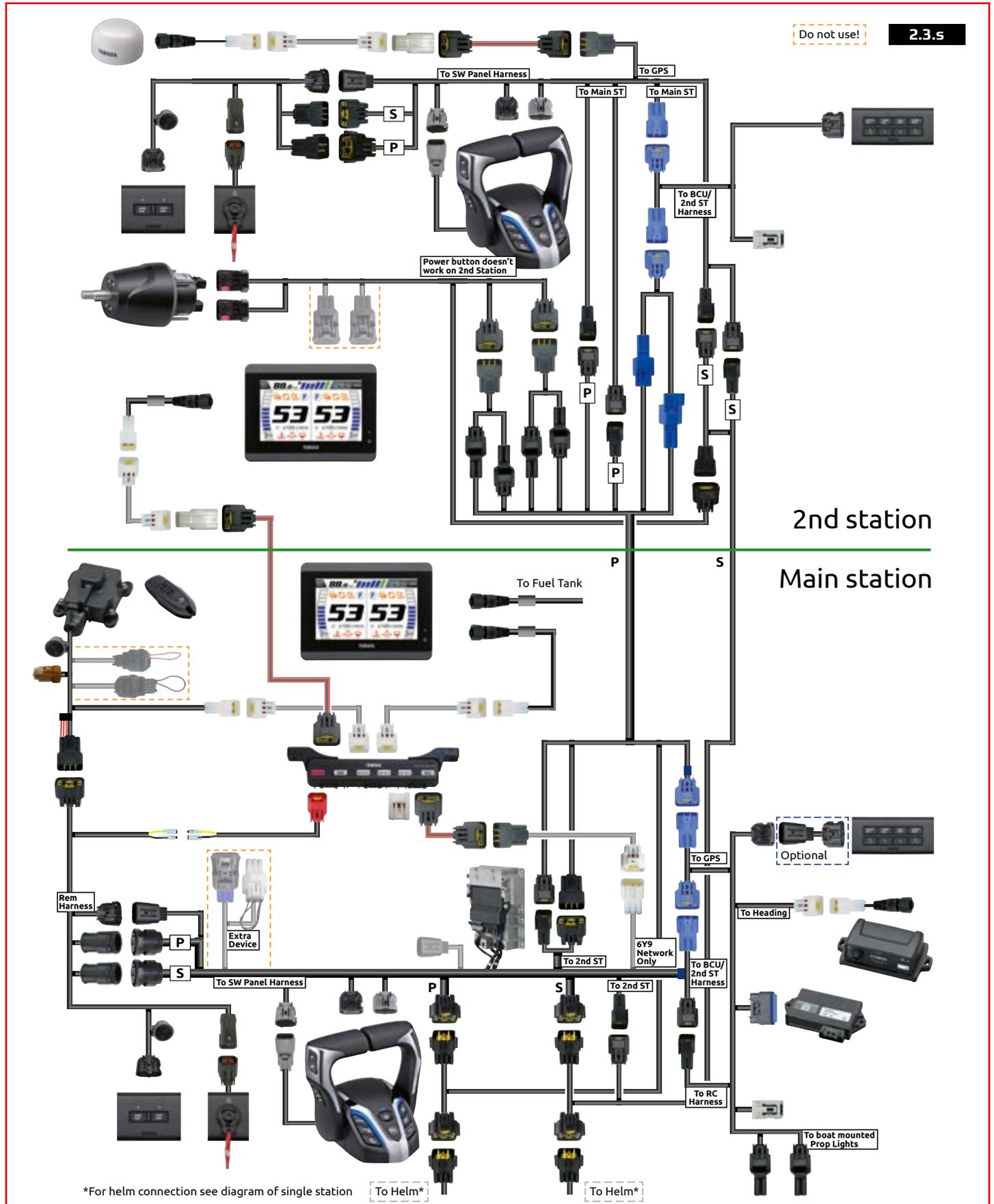
Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)		
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)	2nd helm harness Stbd	Length
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)	6X9-8258A-30-00	5m (16 ft)
				6X9-8258A-40-00	8m (26 ft)
				6X9-8258A-50-00	12m (38 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### TWIN 2ND STATION LEVEL 3

<b>TWIN</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> BOLT-ON	<b>DUAL</b> STATION	<b>HM-EX</b> AUTOPILOT
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## TWIN 2ND STATION LEVEL 3 PARTS

	Description	Qty	Note
	6X9-48207-30-00 6X9 Multi Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
<b>LEVEL 1</b>	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762E0-90-00 Twin EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6X9-8258A-30-00 2nd station harness Stbd 5m / 16 ft	1	Other lengths available
	6GR-8258A-V0-00 Extension harness	2	XTO 375/425 only
<b>LEVEL 2</b>	6X9-615A0-11-00 Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd station 0.9m / 3 ft	1	
	6X9-762P0-12-00 Autopilot Kit 2nd station	1	
<b>LEVEL 3</b>	6X9-82521-00-00 AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other length available

Level 3 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## KIT CONTENTS

6X9-762E0-90-00	Twin EKS 2nd Station Kit	Qty	Note
6X9-82570-31-00	Twin Panel P+S start stop	1	
6X9-82716-70-00	EKS harness	1	
6X9-82570-80-00	Lanyard switch	1	
6X9-762P0-12-00	Autopilot Kit 2nd station	Qty	Note
6X9-8253V-01-00	Autopilot panel	1	
6X9-82386-10-00	BCU harness	1	Extention available

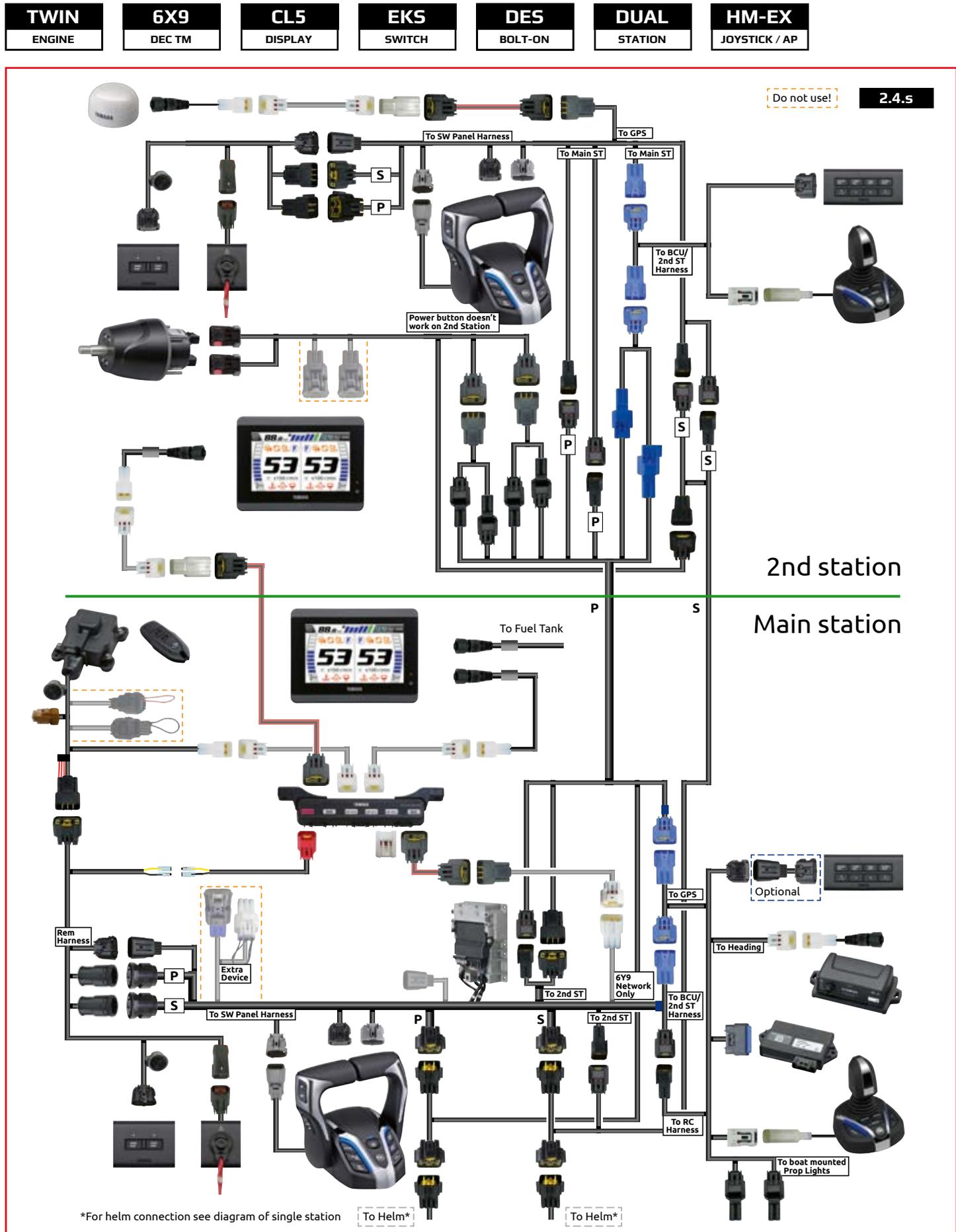
## HARNESS OPTIONS

Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)		
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)	2nd helm harness Stbd	Length
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)	6X9-8258A-30-00	5m (16 ft)
		* Max length GPS antenna connection		6X9-8258A-40-00	8m (26 ft)
<b>AP Panel Ext Harness</b>	<b>Length</b>			6X9-8258A-50-00	12m (38 ft)
6X9-82521-00-00	4.6m (15 ft)				
6X9-82521-10-00	9.1m (30 ft)				

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### TWIN 2ND STATION LEVEL 4



## TWIN 2ND STATION LEVEL 4 PARTS

	Description	Qty	Note
	6X9-48207-30-00 6X9 Multi Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
<b>LEVEL 1</b>	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762E0-90-00 Twin EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6X9-8258A-30-00 2nd station harness Stbd 5m / 16 ft	1	Other lengths available
	6GR-8258A-V0-00 Extension harness	2	XTO 375/425 only
<b>LEVEL 2</b>	6X9-615A0-11-00 Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd station 0.9m / 3 ft	1	
	6X9-762P0-12-00 Autopilot Kit 2nd station	1	
<b>LEVEL 4</b>	6X9-482A0-03-00 Joystick Controller Assy	1	
	6X9-82521-00-00 AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other length available

Level 4 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## KIT CONTENTS

6X9-762E0-90-00	Twin EKS 2nd Station Kit	Qty	Note
6X9-82570-31-00	Twin Panel P+S start stop	1	
6X9-82716-70-00	EKS harness	1	
6X9-82570-80-00	Lanyard switch	1	
6X9-762P0-12-00	Autopilot Kit 2nd station	Qty	Note
6X9-8253V-01-00	Autopilot panel	1	
6X9-82386-10-00	BCU harness	1	Extention available

## HARNESS OPTIONS

Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)		
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)	2nd helm harness Stbd	Length
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)	6X9-8258A-30-00	5m (16 ft)
				6X9-8258A-40-00	8m (26 ft)
<b>AP Panel Ext Harness</b>	<b>Length</b>			6X9-8258A-50-00	12m (38 ft)
6X9-82521-00-00	4.6m (15 ft)				
6X9-82521-10-00	9.1m (30 ft)				

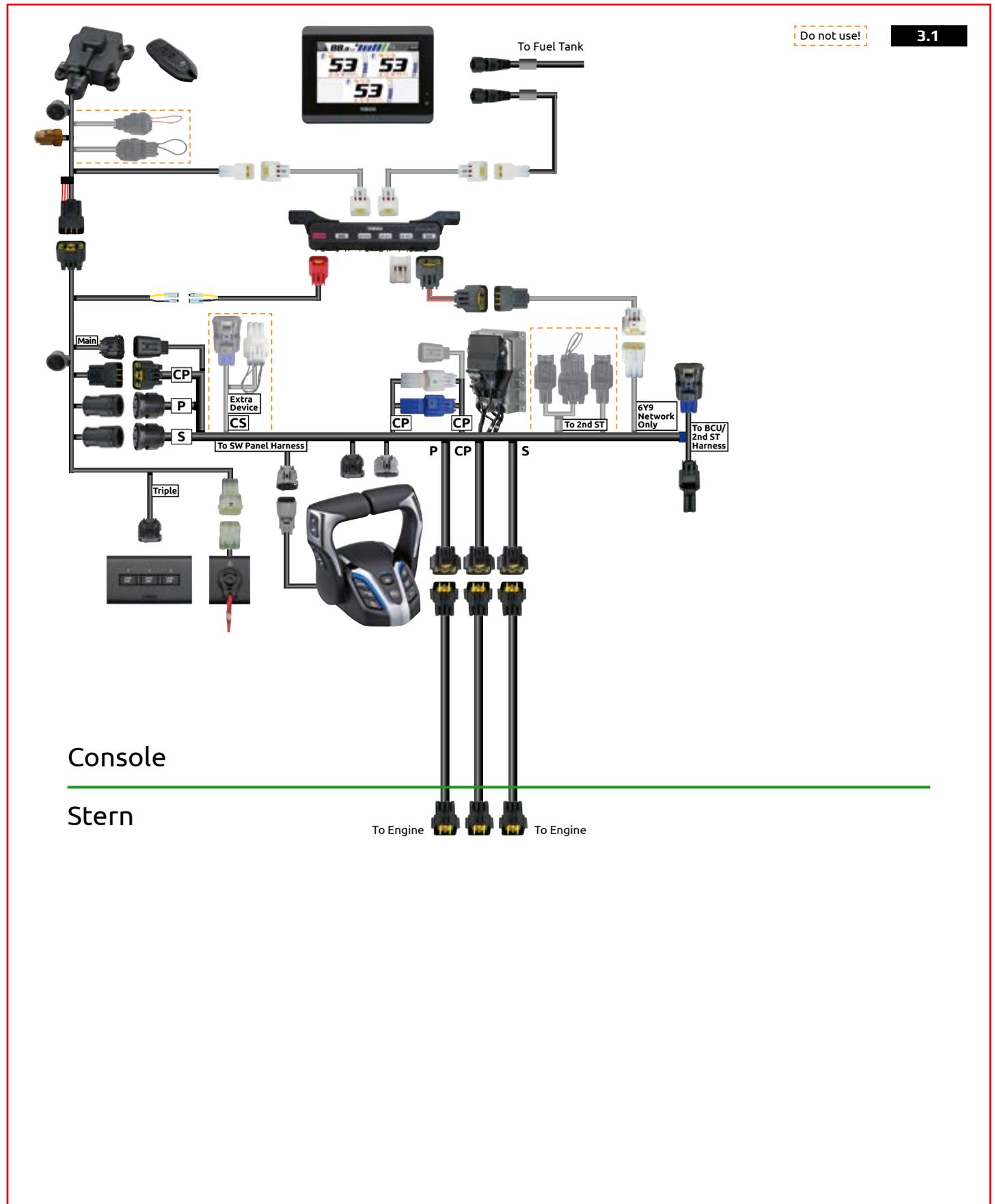
\* Max length GPS antenna connection

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### TRIPLE LEVEL 1

<b>TRIPLE</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> STEERING	<b>SINGLE</b> STATION
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## TRIPLE LEVEL 1 PARTS

	Description	Qty	Note
	6X9-48208-10-00 6X9 Triple Top Mt Main DEC	1	
	6YM-762G0-71-00 CL5 Display Kit (DEC) with Wi-Fi*	1	
<b>LEVEL 1</b>	6X9-762E0-20-00 Triple EKS Top Mount Kit	1	
	6X6-8258A-31-00 Main harness 16P 10m / 32 ft	1	Other lengths available
	6X6-8258A-41-00 Main harness 16P 12m / 39 ft	2	Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

6X9-762E0-20-00	Triple EKS Top Mount Kit	Qty	Note
6X9-82570-41-00	Individual start stop	1	
6X9-82716-41-00	EKS harness	1	
6X9-82570-C0-00	Lanyard switch	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433Mhz
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)
6Y8-48277-00-00	Sticker	1	

## HARNESS OPTIONS

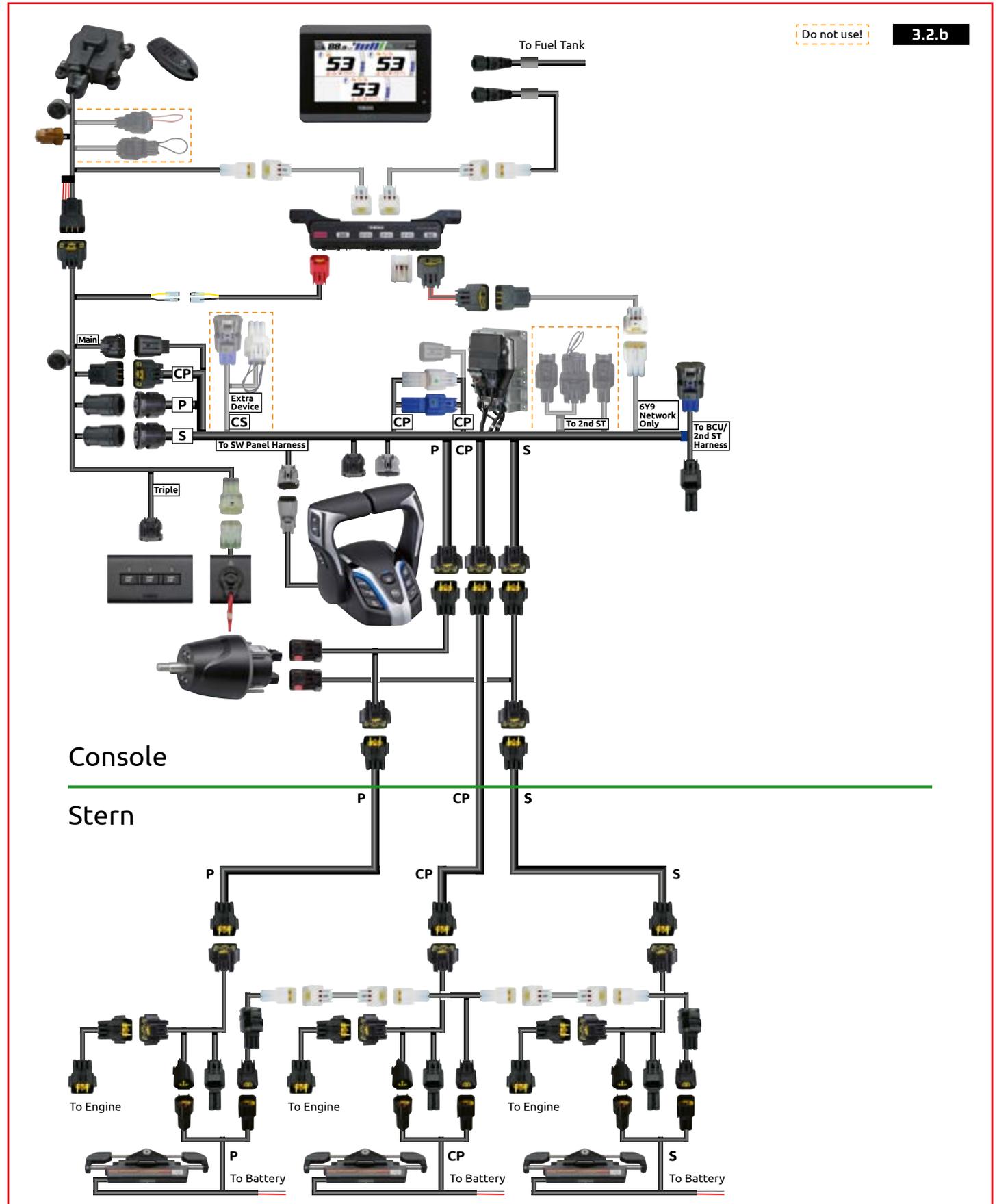
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				
6X6-8258A-41-00	12m (39 ft)				
6X6-8258A-71-00	15m (49 ft)				
6X6-8258A-81-00	24m (79 ft)				

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### TRIPLE LEVEL 2 BOLT-ON

<b>TRIPLE</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> BOLT-ON	<b>SINGLE</b> STATION
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## TRIPLE LEVEL 2 BOLT-ON PARTS

	Description	Qty	Note	
<b>LEVEL 1</b>	6X9-48208-10-00	6X9 Triple Top Mt Main DEC	1	
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1	
	6X9-762E0-20-00	Triple EKS Top Mount Kit	1	
	6X6-8258A-31-00	Main harness 16P 10m / 32 ft	1	Other lengths available
	6X6-8258A-41-00	Main harness 16P 12m / 39 ft	2	Other lengths available
<b>LEVEL 2</b>	6X9-762S0-03-00	Bolt-on DES Kit	3	
	6X9-438A0-00-00	Steering actuator harness 2.4m / 8 ft	3	Other lengths available
	6X6-8258A-51-00	Main harness 16P 3.7m / 12 ft	3	Other lengths available
	6X9-615A0-11-00	Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	2	Other lengths available
	6GR-81115-00-00	SCU link harness (Port/Stbd) 1.5m (5 ft)	2	Other lengths available
	6GR-81115-20-00	SCU link harness (Center) 1.5m (5 ft)	1	Other lengths available
	6GR-8258A-10-00	Helm harness main station Twin/Triple/Quad 0.9m / 3 ft	2	Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

6X9-762E0-20-00	Triple EKS Top Mount Kit	Qty	Note
6X9-82570-41-00	Individual start stop	1	
6X9-82716-41-00	EKS harness	1	
6X9-82570-C0-00	Lanyard switch	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433Mhz
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)
6Y8-48277-00-00	Sticker	1	

6X9-762S0-03-00	Bolt-on DES Kit	Qty	Note
6X9-42401-00-00	Actuator	1	
6X9-8258A-90-00	Split harness	1	

## HARNESS OPTIONS

Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				

6X6-8258A-41-00	12m (39 ft)	Steering Actuator Harness	Length	Helm harness	Length
6X6-8258A-71-00	15m (49 ft)	6X9-438A0-00-00	2.4m (8 ft)	6GR-8258A-11-00	0.9m (3 ft)
6X6-8258A-81-00	24m (79 ft)	6X9-438A0-10-00	4.5m (15 ft)	6GR-8258A-51-00	1.8m (6 ft)
				6GR-8258A-61-00	2.7m (9 ft)

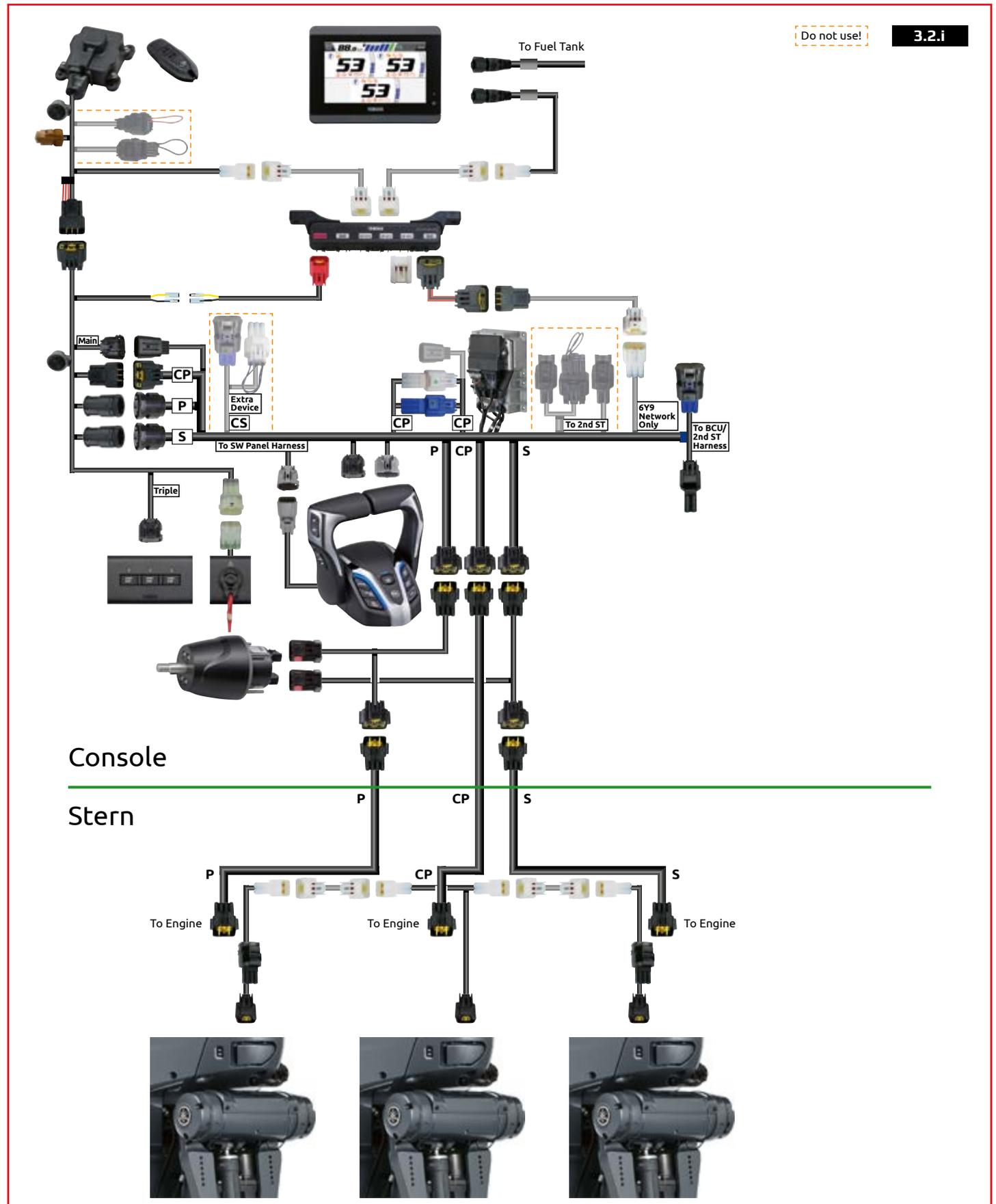
SCU Link harness P/S	Length	SCU Link harness Center	Length
6X9-81115-00-00	0.3m (1 ft)	6X9-81115-10-00	0.3m (1 ft)
6GR-81115-00-00	1.5m (5 ft)	6GR-81115-20-00	1.5m (5 ft)
6GR-81115-10-00	3.0m (10 ft)	6GR-81115-30-00	3.0m (10 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### TRIPLE LEVEL 2 INTEGRATED

<b>TRIPLE</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> INTEGRATED	<b>SINGLE</b> STATION
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## TRIPLE LEVEL 2 INTEGRATED PARTS

	Description	Qty	Note
	6X9-48208-10-00	6X9 Triple Top Mt Main DEC	1
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1
<b>LEVEL 1</b>	6X9-762E0-20-00	Triple EKS Top Mount Kit	1
	6X6-8258A-31-00	Main harness 16P 10m / 32 ft	1 Other lengths available
	6X6-8258A-41-00	Main harness 16P 12m / 39 ft	2 Other lengths available
	6X9-615A0-11-00	Compact helm kit	1 Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-81115-00-00	SCU link harness (Port/ Stbd) 1.5m (5 ft)	2 Other lengths available
<b>LEVEL 2</b>	6GR-81115-20-00	SCU link harness (Center) 1.5m (5 ft)	1 Other lengths available
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	2 Other lengths available
	6GR-8258A-10-00	Helm harness main station Twin/Triple/Quad 0.9m / 3 ft	2 Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	
6X9-762E0-20-00	Triple EKS Top Mount Kit	1	
6X9-82570-41-00	Individual start stop	1	
6X9-82716-41-00	EKS harness	1	
6X9-82570-C0-00	Lanyard switch	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433Mhz
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)
6Y8-48277-00-00	Sticker	1	

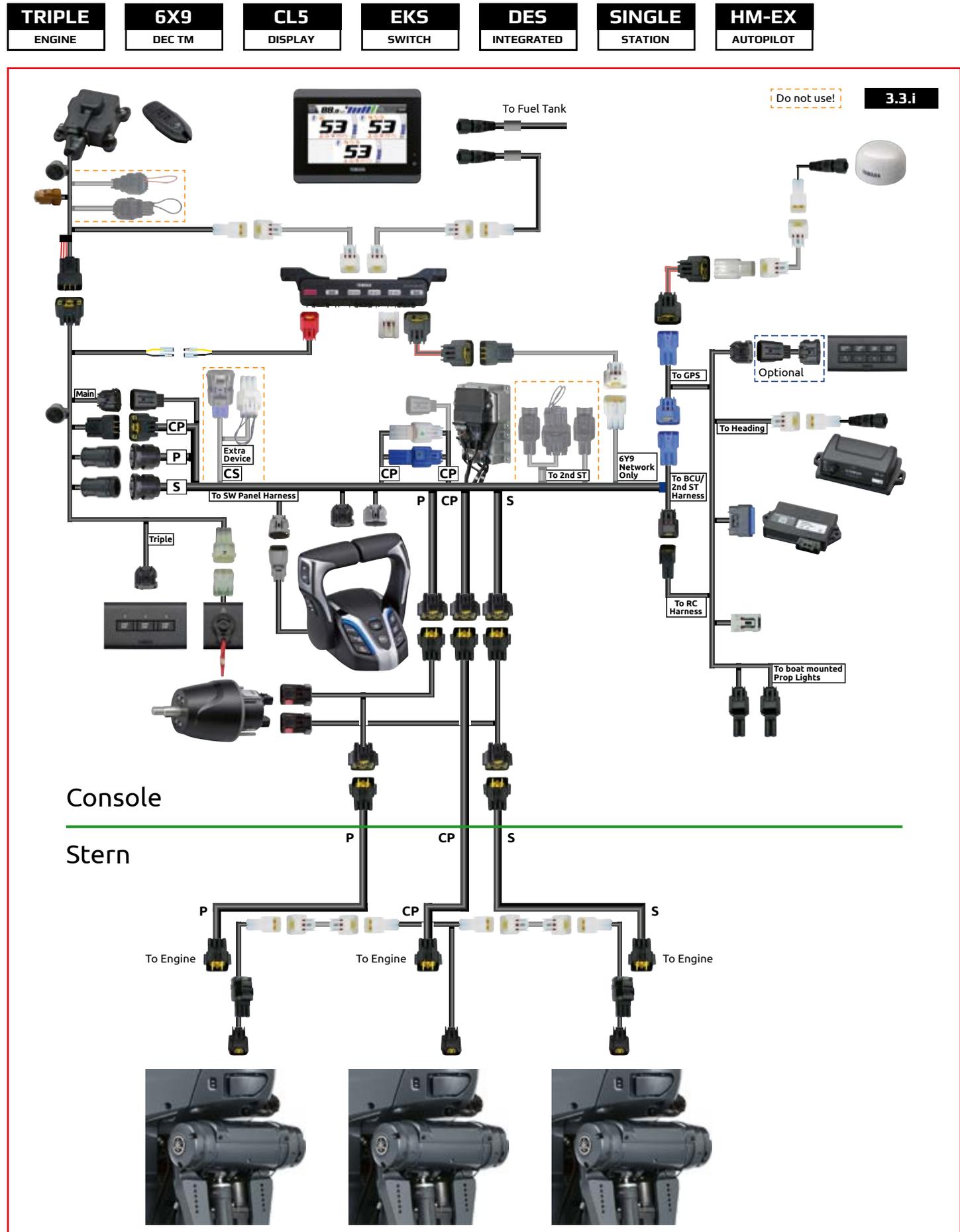
## HARNESS OPTIONS

Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				
6X6-8258A-41-00	12m (39 ft)	<b>SCU Link harness P/S</b>	<b>Length</b>	<b>SCU Link harness Center</b>	<b>Length</b>
6X6-8258A-71-00	15m (49 ft)	6X9-81115-00-00	0.3m (1 ft)	6X9-81115-10-00	0.3m (1 ft)
6X6-8258A-81-00	24m (79 ft)	6GR-81115-00-00	1.5m (5 ft)	6GR-81115-20-00	1.5m (5 ft)
		6GR-81115-10-00	3.0m (10 ft)	6GR-81115-30-00	3.0m (10 ft)
<b>Helm Harness</b>	<b>Length</b>				
6GR-8258A-11-00	0.9m (3 ft)				
6GR-8258A-51-00	1.8m (6 ft)				
6GR-8258A-61-00	2.7m (9 ft)				

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### TRIPLE LEVEL 3 INTEGRATED



## TRIPLE LEVEL 3 INTEGRATED PARTS

	Description	Qty	Note	
<b>LEVEL 1</b>	6X9-48208-10-00	6X9 Triple Top Mt Main DEC	1	
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1	
	6X9-762E0-20-00	Triple EKS Top Mount Kit	1	
	6X6-8258A-31-00	Main harness 16P 10m / 32 ft	1	Other lengths available
	6X6-8258A-41-00	Main harness 16P 12m / 39 ft	2	Other lengths available
<b>LEVEL 2</b>	6X9-615A0-11-00	Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-81115-00-00	SCU link harness (Port/ Stbd) 1.5m (5 ft)	2	Other lengths available
	6GR-81115-20-00	SCU link harness (Center) 1.5m (5 ft)	1	Other lengths available
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	2	Other lengths available
	6GR-8258A-10-00	Helm harness main station Twin/Triple/Quad 0.9m / 3 ft	2	Other lengths available
<b>LEVEL 3</b>	6X9-762P0-0C-00	Autopilot Kit Main Station	1	
	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other length available
	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other length available
	6X9-82521-00-00	AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other length available
	Level 3 requires an compatible multi-function display for map functions			
*) For other display options, check the display section in this guide				

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

Part Number	Description	Qty	Note	Part Number	Description	Qty	Note
6X9-762E0-20-00	Triple EKS Top Mount Kit	1		6X9-762P0-0C-00	Autopilot Kit Main Station	1	
6X9-82570-41-00	Individual start stop	1		6X9-8253V-01-00	Autopilot panel	1	
6X9-82716-41-00	EKS harness	1		6X9-88107-00-00	GPS antenna	1	
6X9-82570-C0-00	Lanyard switch	1		6X9-8A410-00-00	Heading sensor	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433Mhz	6X9-8591T-14-00	Boat Control Unit	1	
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)	6Y8-81920-11-00	Single hub	1	
6Y8-48277-00-00	Sticker	1		6X9-82386-01-00	BCU harness	1	Ext. available
				6YM-83553-00-00	Conversion harness	2	0.9m (3 ft)

## HARNESS OPTIONS

Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)			* Max length GPS antenna connection	
6X6-8258A-41-00	12m (39 ft)				
6X6-8258A-71-00	15m (49 ft)	<b>Helm Harness</b>	<b>Length</b>	<b>AP Panel Ext Harness</b>	<b>Length</b>
6X6-8258A-81-00	24m (79 ft)	6GR-8258A-11-00	0.9m (3 ft)	6X9-82521-00-00	4.6m (15 ft)
		6GR-8258A-51-00	1.8m (6 ft)	6X9-82521-10-00	9.1m (30 ft)
		6GR-8258A-61-00	2.7m (9 ft)		

SCU Link harness P/S	Length	SCU Link harness Center	Length
6X9-81115-00-00	0.3m (1 ft)	6X9-81115-10-00	0.3m (1 ft)
6GR-81115-00-00	1.5m (5 ft)	6GR-81115-20-00	1.5m (5 ft)
6GR-81115-10-00	3.0m (10 ft)	6GR-81115-30-00	3.0m (10 ft)



## TRIPLE LEVEL 4 BOLT-ON PARTS

	Description	Qty	Note	
<b>LEVEL 1</b>	6X9-48208-10-00	6X9 Triple Top Mt Main DEC	1	
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1	
	6X9-762E0-20-00	Triple EKS Top Mount Kit	1	
	6X6-8258A-31-00	Main harness 16P 10m / 32 ft	1	Other lengths available
	6X6-8258A-41-00	Main harness 16P 12m / 39 ft	2	Other lengths available
<b>LEVEL 2</b>	6X9-762S0-03-00	Bolt-on DES Kit	3	
	6X9-438A0-00-00	Steering actuator harness 2.4m / 8 ft	3	Other lengths available
	6X6-8258A-51-00	Main harness 16P 3.7m / 12 ft	3	Other lengths available
	6X9-615A0-11-00	Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	2	Other lengths available
	6GR-81115-00-00	SCU link harness (Port/ Stbd) 1.5m (5 ft)	2	Other lengths available
	6GR-81115-20-00	SCU link harness (Center) 1.5m (5 ft)	1	Other lengths available
<b>LEVEL 4</b>	6GR-8258A-10-00	Helm harness main station Twin/Triple/Quad 0.9m / 3 ft	2	Other lengths available
	6X9-762J0-A4-00	Joystick Fitting Kit Triple	1	
	6X9-482A0-03-00	Joystick Controller Assy	1	
	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available
	6X9-82521-00-00	AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other lengths available

Level 4 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## BOW THRUSTER INTEGRATION

	Bow Thruster Driver	Qty	Note
6X9-86500-02-00	Bow Thruster Driver	1	
6Y8-81920-11-00	Inline Hub	1	
6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available

## KIT CONTENTS

	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multihub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

6X9-762E0-20-00	Triple EKS Top Mount Kit	Qty	Note	6X9-762J0-A4-00	Triple HMEK 4 No JSTK	Qty	Note
6X9-82570-41-00	Individual start stop	1		6X9-8253V-01-00	Autopilot panel	1	
6X9-82716-41-00	EKS harness	1		6X9-88107-02-00	GPS antenna	1	
6X9-82570-C0-00	Lanyard switch	1		6X9-8A410-00-00	Heading sensor	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433Mhz	6X9-8591T-34-00	Boat Control Unit	1	
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)	6Y8-81920-11-00	Single hub	1	
6Y8-48277-00-00	Sticker	1		6X9-82386-01-00	BCU harness	1	Ext. available
6X9-762S0-03-00	Bolt-on DES Kit	Qty	Note	6YM-83553-00-00	Conversion harness	2	0.9m (3 ft)
6X9-42401-00-00	Actuator	1		6KA-83720-00-00	Prop lights *	2	
6X9-8258A-90-00	Split harness	1		*) See engine mounted prop lights section			

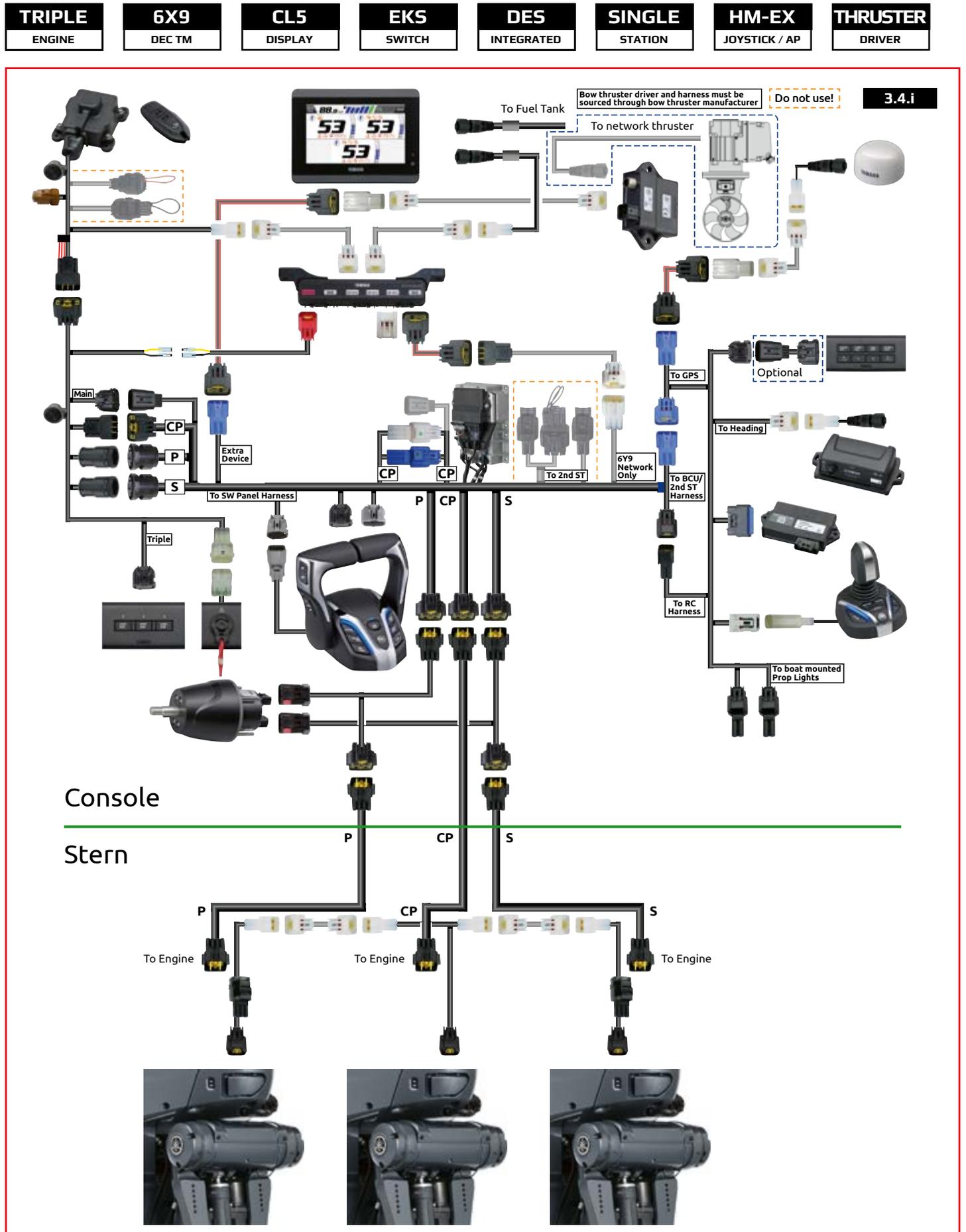
## HARNES OPTIONS

Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)			* Max length GPS antenna connection	
6X6-8258A-41-00	12m (39 ft)	<b>Steering actuator harness</b>	<b>Length</b>	<b>Helm Harness</b>	<b>Length</b>
6X6-8258A-71-00	15m (49 ft)	6X9-438A0-00-00	2.4m (8 ft)	6GR-8258A-11-00	0.9m (3 ft)
6X6-8258A-81-00	24m (79 ft)	6X9-438A0-10-00	4.5m (15 ft)	6GR-8258A-51-00	1.8m (6 ft)
				6GR-8258A-61-00	2.7m (9 ft)
<b>SCU Link harness P/S</b>	<b>Length</b>	<b>SCU Link harness Center</b>	<b>Length</b>	<b>AP Panel Ext Harness</b>	<b>Length</b>
6X9-81115-00-00	0.3m (1 ft)	6X9-81115-10-00	0.3m (1 ft)	6X9-82521-00-00	4.6m (15 ft)
6GR-81115-00-00	1.5m (5 ft)	6GR-81115-20-00	1.5m (5 ft)	6X9-82521-10-00	9.1m (30 ft)
6GR-81115-10-00	3.0m (10 ft)	6GR-81115-30-00	3.0m (10 ft)		

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### TRIPLE LEVEL 4 INTEGRATED



## TRIPLE LEVEL 4 INTEGRATED PARTS

	Description	Qty	Note	
<b>LEVEL 1</b>	6X9-48208-10-00	6X9 Triple Top Mt Main DEC	1	
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1	
	6X9-762E0-20-00	Triple EKS Top Mount Kit	1	
	6X6-8258A-31-00	Main harness 16P 10m / 32 ft	1	Other lengths available
	6X6-8258A-41-00	Main harness 16P 12m / 39 ft	2	Other lengths available
<b>LEVEL 2</b>	6X9-615A0-11-00	Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-81115-00-00	SCU link harness (Port/ Stbd) 1.5m (5 ft)	2	Other lengths available
	6GR-81115-20-00	SCU link harness (Center) 1.5m (5 ft)	1	Other lengths available
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	2	Other lengths available
	6GR-8258A-10-00	Helm harness main station Twin/Triple/Quad 0.9m / 3 ft	2	Other lengths available
<b>LEVEL 4</b>	6X9-762J0-A4-00	Joystick Fitting Kit Triple	1	
	6X9-482A0-03-00	Joystick Controller Assy	1	
	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available
	6X9-82521-00-00	AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other lengths available

Level 4 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## BOW THRUSTER INTEGRATION

	Bow Thruster Driver	Qty	Note
6Y8-81920-11-00	Inline Hub	1	
6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available

## KIT CONTENTS

	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

6X9-762E0-20-00	Triple EKS Top Mount Kit	Qty	Note	6X9-762J0-A4-00	Triple HMEK 4 No JSTK	Qty	Note
6X9-82570-41-00	Individual start stop	1		6X9-8253V-01-00	Autopilot panel	1	
6X9-82716-41-00	EKS harness	1		6X9-88107-02-00	GPS antenna	1	
6X9-82570-C0-00	Lanyard switch	1		6X9-8A410-00-00	Heading sensor	1	
6X9-86254-00-00	Immobilizer + key fob (2pcs)	1	433Mhz	6X9-8591T-34-00	Boat Control Unit	1	
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)	6Y8-81920-11-00	Single hub	1	
6Y8-48277-00-00	Sticker	1		6X9-82386-01-00	BCU harness	1	Ext. available
				6YM-83553-00-00	Conversion harness	2	0.9m (3 ft)
				6KA-83720-00-00	Prop lights *	2	

\*) See engine mounted prop lights section

## HARNESS OPTIONS

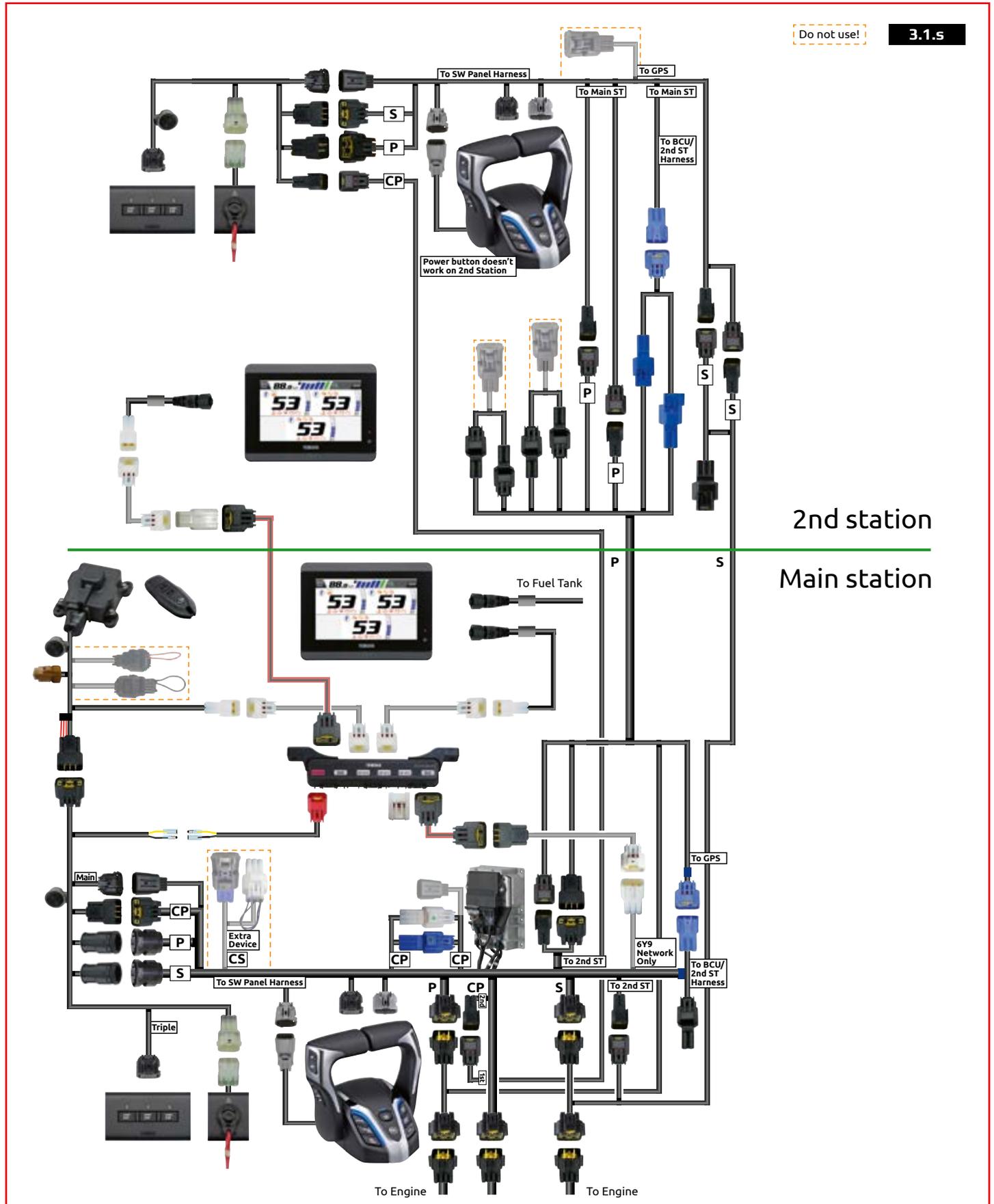
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)			* Max length GPS antenna connection	
6X6-8258A-41-00	12m (39 ft)	Helm harness	Length	AP Panel Ext Harness	Length
6X6-8258A-71-00	15m (49 ft)	6GR-8258A-11-00	0.9m (3 ft)	6X9-82521-00-00	4.6m (15 ft)
6X6-8258A-81-00	24m (79 ft)	6GR-8258A-51-00	1.8m (6 ft)	6X9-82521-10-00	9.1m (30 ft)
		6GR-8258A-61-00	2.7m (9 ft)		
SCU Link harness P/S	Length	SCU Link harness Center	Length		
6X9-81115-00-00	0.3m (1 ft)	6X9-81115-10-00	0.3m (1 ft)		
6GR-81115-00-00	1.5m (5 ft)	6GR-81115-20-00	1.5m (5 ft)		
6GR-81115-10-00	3.0m (10 ft)	6GR-81115-30-00	3.0m (10 ft)		

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### TRIPLE 2ND STATION LEVEL 1

<b>TRIPLE</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> STEERING	<b>DUAL</b> STATION
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## TRIPLE 2ND STATION LEVEL 1 PARTS

	Description	Qty	Note
	6X9-48207-30-00 6X9 Multi Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
<b>LEVEL 1</b>	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762E0-A1-00 Triple EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6X9-8258A-30-00 2nd station harness Stbd 5m / 16 ft	1	Other lengths available
	6X9-8258A-60-00 2nd station harness Center 5m / 16 ft	1	Other lengths available
	*) For other display options, check the display section in this guide		

## KIT CONTENTS

Part Number	Description	Qty	Note
6X9-762E0-A1-00	Triple EKS 2nd Station Kit		
6X9-82570-41-00	Individual start / stop	1	
6X9-82716-80-00	EKS harness	1	
6X9-82570-C0-00	Lanyard switch	1	

## HARNESS OPTIONS

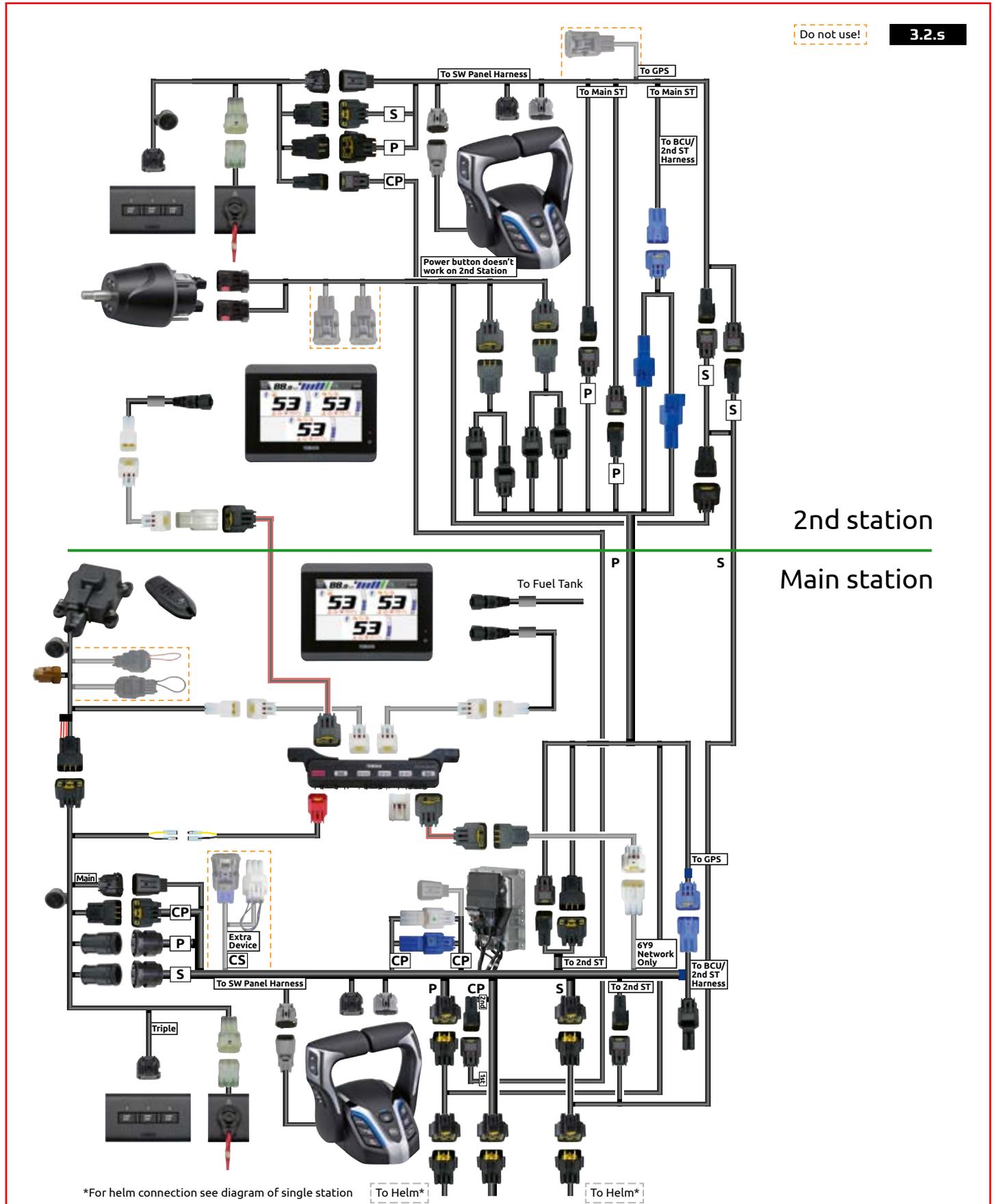
Main bus wire		Pigtail bus wire		2nd helm harness Port		2nd helm harness Stbd		2nd helm harness Center	
	Length		Length		Length		Length		Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)	6X9-8258A-30-00	5m (16 ft)	6X9-8258A-60-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)	6X9-8258A-40-00	8m (26 ft)	6X9-8258A-70-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)	6X9-8258A-50-00	12m (38 ft)	6X9-8258A-80-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)						
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)						
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)						

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### TRIPLE 2ND STATION LEVEL 2

<b>TRIPLE</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> BOLT-ON	<b>DUAL</b> STATION
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## TRIPLE 2ND STATION LEVEL 2 PARTS

	Description	Qty	Note
	6X9-48207-30-00 6X9 Multi Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
<b>LEVEL 1</b>	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762E0-A1-00 Triple EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6X9-8258A-30-00 2nd station harness Stbd 5m / 16 ft	1	Other lengths available
	6X9-8258A-60-00 2nd station harness Center 5m / 16 ft	1	Other lengths available
	6GR-8258A-V0-00 Extension harness	2	XTO 375/425 only
<b>LEVEL 2</b>	6X9-615A0-11-00 Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd St 0.9m / 3 ft	1	

\*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6X9-762E0-A1-00	Triple EKS 2nd Station Kit		
6X9-82570-41-00	Individual start / stop	1	
6X9-82716-80-00	EKS harness	1	
6X9-82570-C0-00	Lanyard switch	1	

## HARNESS OPTIONS

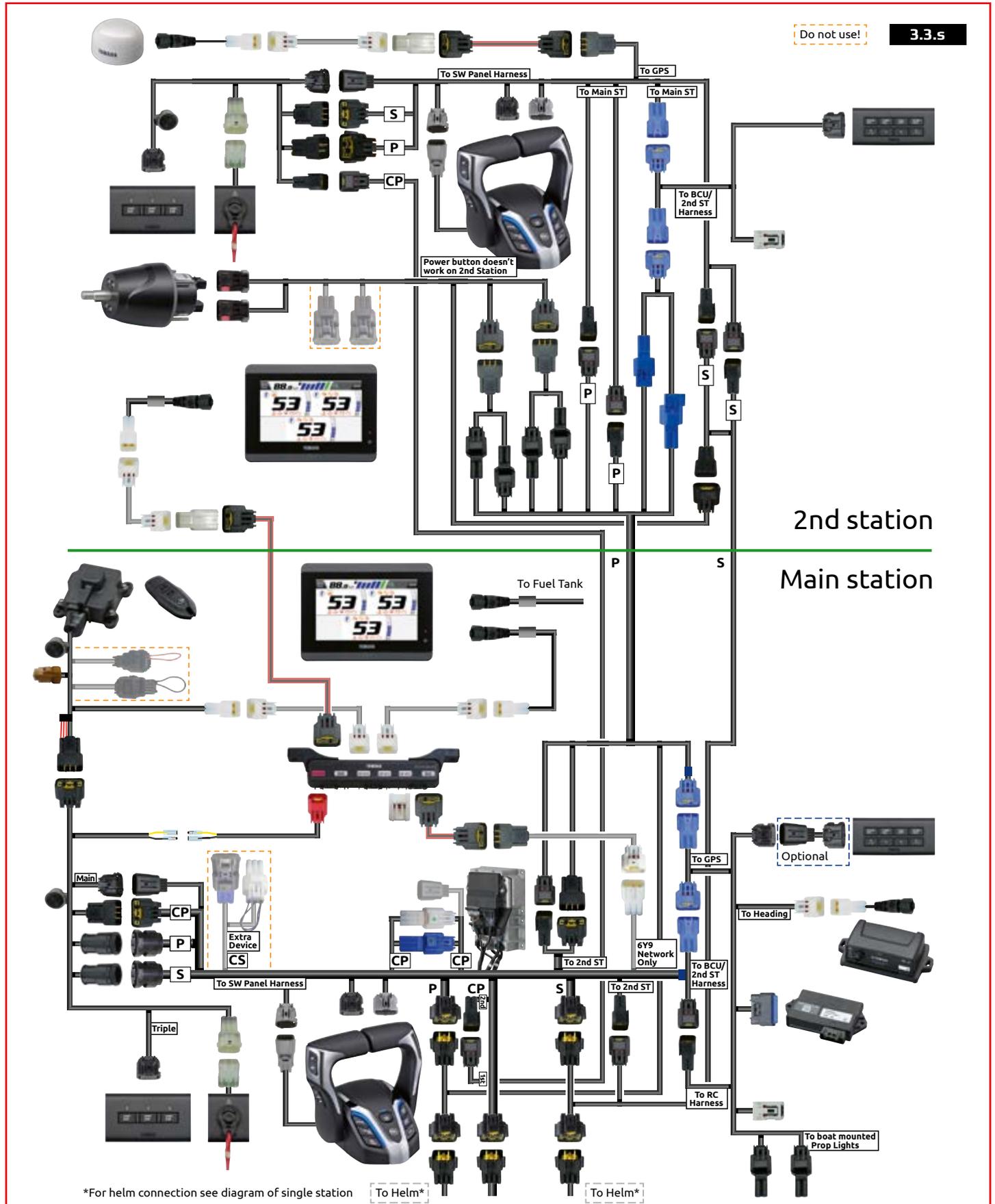
Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length	2nd helm harness Stbd	Length	2nd helm harness Center	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)	6X9-8258A-30-00	5m (16 ft)	6X9-8258A-60-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)	6X9-8258A-40-00	8m (26 ft)	6X9-8258A-70-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)	6X9-8258A-50-00	12m (38 ft)	6X9-8258A-80-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)						
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)						
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)						

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### TRIPLE 2ND STATION LEVEL 3

<b>TRIPLE</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> BOLT-ON	<b>DUAL</b> STATION	<b>HM-EX</b> AUTOPILOT
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## TRIPLE 2ND STATION LEVEL 3 PARTS

	Description	Qty	Note
	6X9-48207-30-00 6X9 Multi Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
<b>LEVEL 1</b>	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762E0-A1-00 Triple EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6X9-8258A-30-00 2nd station harness Stbd 5m / 16 ft	1	Other lengths available
	6X9-8258A-60-00 2nd station harness Center 5m / 16 ft	1	Other lengths available
	6GR-8258A-V0-00 Extension harness	2	XTO 375/425 only
<b>LEVEL 2</b>	6X9-615A0-11-00 Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd station 0.9m / 3 ft	1	
	6X9-762P0-12-00 Autopilot Kit 2nd station	1	
<b>LEVEL 3</b>	6X9-82521-00-00 AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other length available

Level 3 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## KIT CONTENTS

6X9-762E0-A1-00	Triple EKS 2nd Station Kit	Qty	Note
6X9-82570-41-00	Individual start / stop	1	
6X9-82716-80-00	EKS harness	1	
6X9-82570-C0-00	Lanyard switch	1	
6X9-762P0-12-00	Autopilot Kit 2nd station	Qty	Note
6X9-8253V-01-00	Autopilot panel	1	
6X9-82386-10-00	BCU harness	1	Extention available

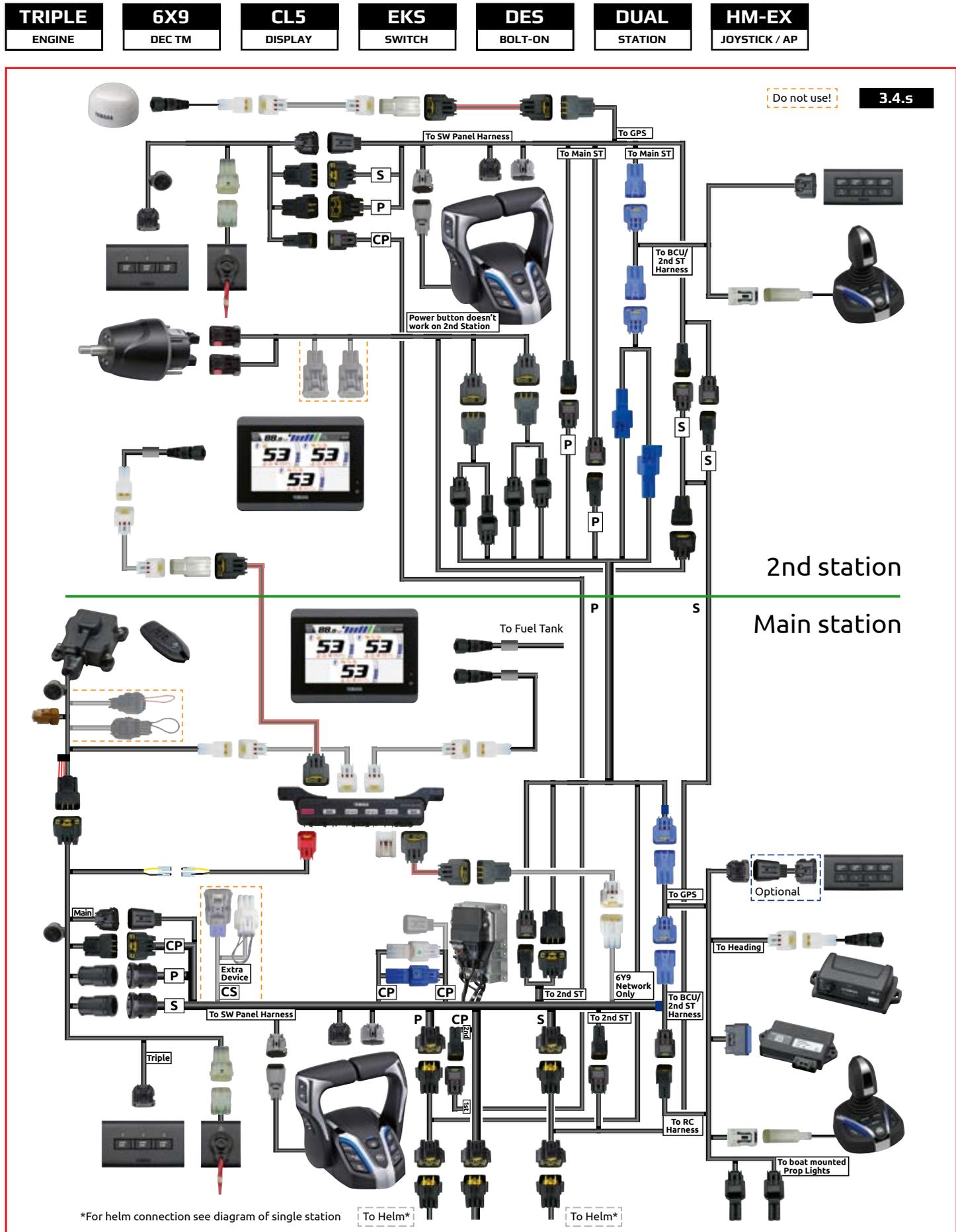
## HARNESS OPTIONS

Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)		
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)		
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)		
		* Max length GPS antenna connection			
AP Panel Ext Harness	Length	2nd helm harness Stbd	Length	2nd helm harness Center	Length
6X9-82521-00-00	4.6m (15 ft)	6X9-8258A-30-00	5m (16 ft)	6X9-8258A-60-00	5m (16 ft)
6X9-82521-10-00	9.1m (30 ft)	6X9-8258A-40-00	8m (26 ft)	6X9-8258A-70-00	8m (26 ft)
		6X9-8258A-50-00	12m (38 ft)	6X9-8258A-80-00	12m (38 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### TRIPLE 2ND STATION LEVEL 4



## TRIPLE 2ND STATION LEVEL 4 PARTS

	Description	Qty	Note
	6X9-48207-30-00 6X9 Multi Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
<b>LEVEL 1</b>	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762E0-A1-00 Triple EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6X9-8258A-30-00 2nd station harness Stbd 5m / 16 ft	1	Other lengths available
	6X9-8258A-60-00 2nd station harness Center 5m / 16 ft	1	Other lengths available
	6GR-8258A-V0-00 Extension harness	2	XTO 375/425 only
<b>LEVEL 2</b>	6X9-615A0-11-00 Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd station 0.9m / 3 ft	1	
<b>LEVEL 4</b>	6X9-762P0-12-00 Autopilot Kit 2nd station	1	
	6X9-482A0-03-00 Joystick Controller Assy	1	
	6X9-82521-00-00 AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other length available

Level 4 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6X9-762E0-A1-00	Triple EKS 2nd Station Kit	1	
6X9-82570-41-00	Individual start / stop	1	
6X9-82716-80-00	EKS harness	1	
6X9-82570-C0-00	Lanyard switch	1	
6X9-762P0-12-00	Autopilot Kit 2nd station	1	
6X9-8253V-01-00	Autopilot panel	1	
6X9-82386-10-00	BCU Harness	1	Ext. available

## HARNESS OPTIONS

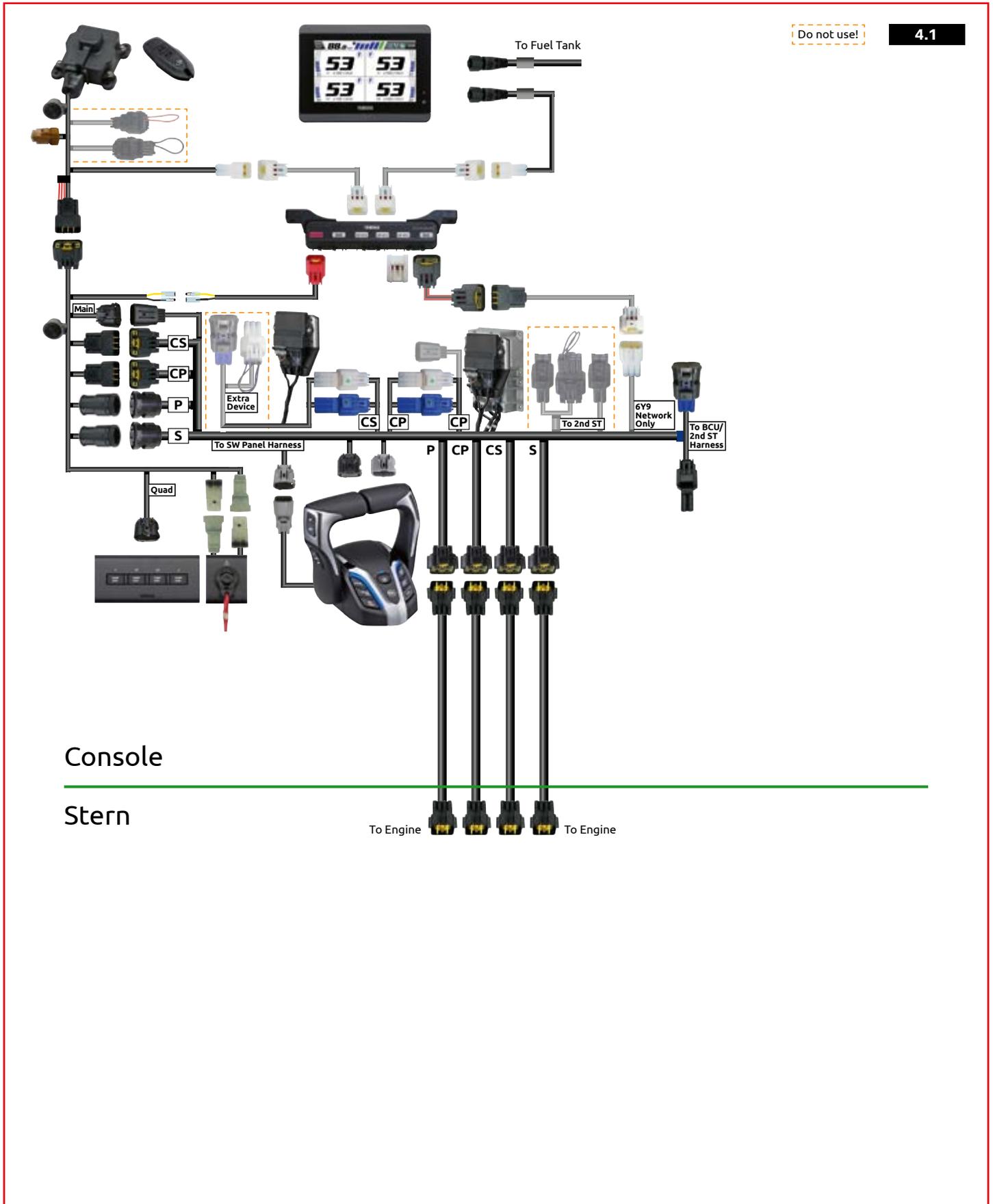
Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)		
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)		
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)		
* Max length GPS antenna connection					
AP Panel Ext Harness	Length	2nd helm harness Stbd	Length	2nd helm harness Center	Length
6X9-82521-00-00	4.6m (15 ft)	6X9-8258A-30-00	5m (16 ft)	6X9-8258A-60-00	5m (16 ft)
6X9-82521-10-00	9.1m (30 ft)	6X9-8258A-40-00	8m (26 ft)	6X9-8258A-70-00	8m (26 ft)
		6X9-8258A-50-00	12m (38 ft)	6X9-8258A-80-00	12m (38 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### QUAD LEVEL 1

<b>QUAD</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> STEERING	<b>SINGLE</b> STATION
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## QUAD LEVEL 1 PARTS

	Description	Qty	Note
	6X9-48209-13-00	6X9 Quad Top Mt Main DEC	1
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1
<b>LEVEL 1</b>	6X9-762E0-31-00	Quad EKS Top Mount Kit	1
	6X6-8258A-41-00	Main harness 16P 12m / 39 ft	2 Other lengths available
	6X6-8258A-71-00	Main harness 16P 15m / 49 ft	2 Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
6YM-83710-07-00	CL5 Display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel tank wire	1	
6Y8-81920-01-00	Multi hub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

6X9-762E0-31-00	Quad EKS Top Mount Kit	Qty	Note
6X9-82570-51-00	Individual start / stop	1	
6X9-82716-91-00	EKS harness	1	
6X9-82570-D0-00	Lanyard switch	1	
6X9-86260-02-00	Immobilizer + key fob (2pcs)	1	433Mhz
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)
6Y8-48277-00-00	Sticker	1	

## HARNESS OPTIONS

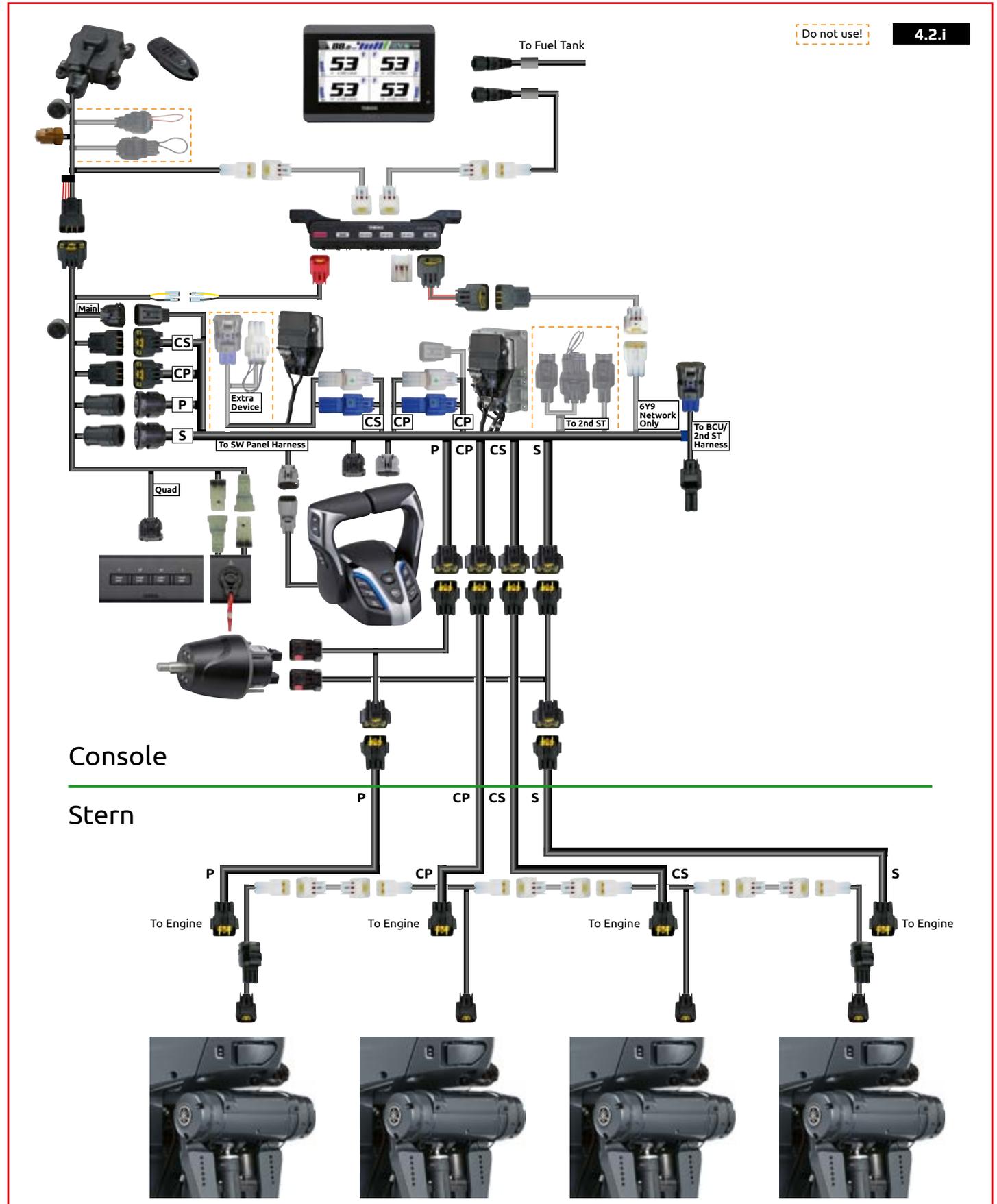
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-90-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				
6X6-8258A-41-00	12m (39 ft)				
6X6-8258A-71-00	15m (49 ft)				
6X6-8258A-81-00	24m (79 ft)				

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### QUAD LEVEL 2 INTEGRATED

<b>QUAD</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> INTEGRATED	<b>SINGLE</b> STATION
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## QUAD LEVEL 2 INTEGRATED PARTS

	Description	Qty	Note
	6X9-48209-13-00	6X9 Quad Top Mt Main DEC	1
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1
<b>LEVEL 1</b>	6X9-762E0-31-00	Quad EKS Top Mount Kit	1
	6X6-8258A-41-00	Main harness 16P 12m / 39 ft	2 Other lengths available
	6X6-8258A-71-00	Main harness 16P 15m / 49 ft	2 Other lengths available
	6X9-615A0-11-00	Compact helm kit	1 Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-81115-00-00	SCU link harness (Port/ Stbd) 1.5m (5 ft)	2 Other lengths available
<b>LEVEL 2</b>	6GR-81115-20-00	SCU link harness (Center) 1.5m (5 ft)	2 Other lengths available
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	3 Other lengths available
	6GR-8258A-11-00	Helm harness main station Twin/Triple/Quad 0,9m / 3 ft	2 Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

	Description	Qty	Note
<b>6YM-762G0-71-00</b>	<b>CL5 Display Kit (DEC) with Wi-Fi</b>	<b>Qty</b>	<b>Note</b>
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel Tank Wire	1	
6Y8-81920-01-00	Multihub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	
<b>6X9-762E0-31-00</b>	<b>Quad EKS Top Mount Kit</b>	<b>Qty</b>	<b>Note</b>
6X9-82570-51-00	Individual start / stop	1	
6X9-82716-91-00	EKS harness	1	
6X9-82570-D0-00	Lanyard switch	1	
6X9-86260-02-00	Immobilizer + key fob (2pcs)	1	433Mhz
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)
6Y8-48277-00-00	Sticker	1	

## HARNESS OPTIONS

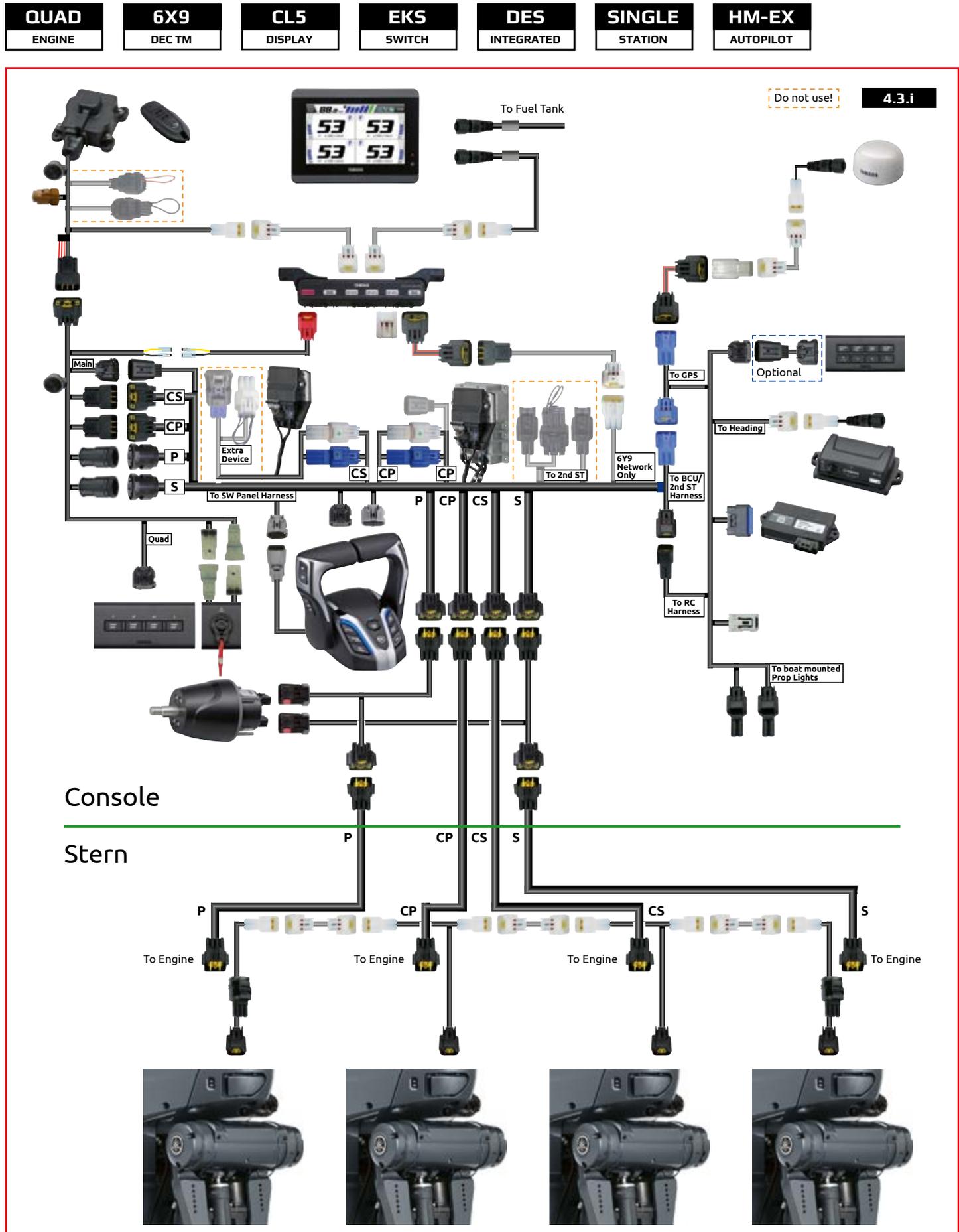
Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)				
6X6-8258A-41-00	12m (39 ft)				
6X6-8258A-71-00	15m (49 ft)				
6X6-8258A-81-00	24m (79 ft)				

Helm Harness	Length	SCU Link harness P/S	Length	SCU Link harness Center	Length
6GR-8258A-11-00	0.9m (3 ft)	6X9-81115-00-00	0.3m (1 ft)	6X9-81115-10-00	0.3m (1 ft)
6GR-8258A-51-00	1.8m (6 ft)	6GR-81115-00-00	1.5m (5 ft)	6GR-81115-20-00	1.5m (5 ft)
6GR-8258A-61-00	2.7m (9 ft)	6GR-81115-10-00	3.0m (10 ft)	6GR-81115-30-00	3.0m (10 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### QUAD LEVEL 3 INTEGRATED



## QUAD LEVEL 3 INTEGRATED PARTS

	Description	Qty	Note	
<b>LEVEL 1</b>	6X9-48209-13-00	6X9 Quad Top Mt Main DEC	1	
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1	
	6X9-762E0-31-00	Quad EKS Top Mount Kit	1	
	6X6-8258A-41-00	Main harness 16P 12m / 39 ft	2	Other lengths available
	6X6-8258A-71-00	Main harness 16P 15m / 49 ft	2	Other lengths available
<b>LEVEL 2</b>	6X9-615A0-11-00	Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-81115-00-00	SCU link harness (Port/ Stbd) 1.5m (5 ft)	2	Other lengths available
	6GR-81115-20-00	SCU link harness (Center) 1.5m (5 ft)	2	Other lengths available
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	3	Other lengths available
	6GR-8258A-11-00	Helm harness main station Twin/Triple/Quad 0.9m / 3 ft	2	Other lengths available
<b>LEVEL 3</b>	6X9-762P0-0C-00	Autopilot Kit Main Station	1	
	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available
	6X9-82521-00-00	AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other lengths available

Level 3 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	1	
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel Tank Wire	1	
6Y8-81920-01-00	Multihub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

Part Number	Description	Qty	Note	Part Number	Description	Qty	Note
6X9-762E0-31-00	Quad EKS Top Mount Kit			6X9-762P0-0C-00	Autopilot Kit Main Station		
6X9-82570-51-00	Individual start / stop	1		6X9-8253V-01-00	Autopilot panel	1	
6X9-82716-91-00	EKS harness	1		6X9-88107-00-00	GPS antenna	1	
6X9-82570-D0-00	Lanyard switch	1		6X9-8A410-00-00	Heading sensor	1	
6X9-86260-02-00	Immobilizer + key fob (2pcs)	1	433Mhz	6X9-8591T-14-00	Boat Control Unit	1	
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)	6Y8-81920-11-00	Single hub	1	
6Y8-48277-00-00	Sticker	1		6X9-82386-01-00	BCU harness	1	Ext. available
				6YM-83553-00-00	Conversion harness	2	0.9m (3 ft)

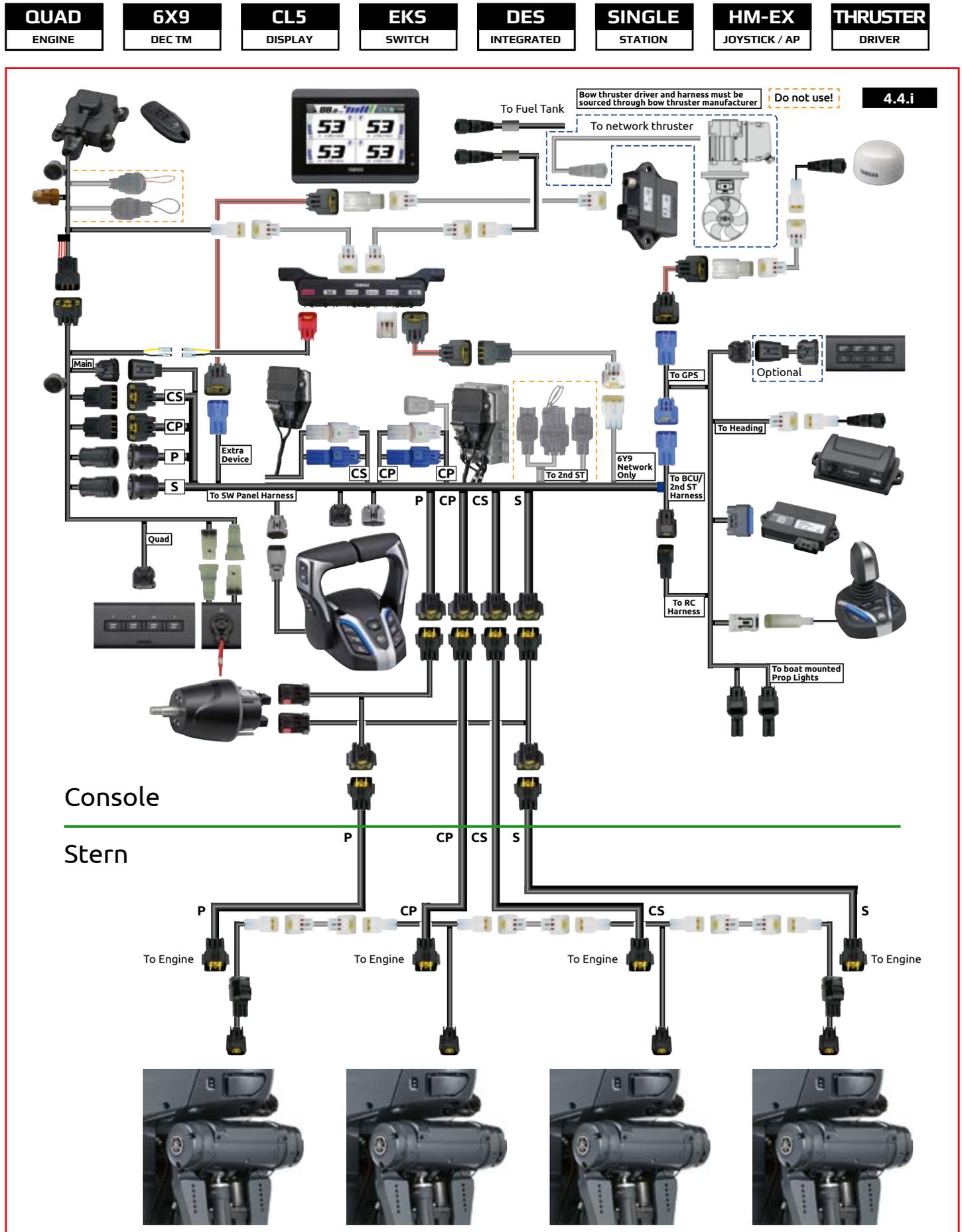
## HARNESS OPTIONS

Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)			* Max length GPS antenna connection	
6X6-8258A-41-00	12m (39 ft)	Helm harness	Length		
6X6-8258A-71-00	15m (49 ft)	6GR-8258A-11-00	0.9m (3 ft)		
6X6-8258A-81-00	24m (79 ft)	6GR-8258A-51-00	1.8m (6 ft)		
		6GR-8258A-61-00	2.7m (9 ft)		
SCU Link harness P/S	Length	SCU Link harness Center	Length	AP Panel Ext Harness	Length
6X9-81115-00-00	0.3m (1 ft)	6X9-81115-10-00	0.3m (1 ft)	6X9-82521-00-00	4.6m (15 ft)
6GR-81115-00-00	1.5m (5 ft)	6GR-81115-20-00	1.5m (5 ft)	6X9-82521-10-00	9.1m (30 ft)
6GR-81115-10-00	3.0m (10 ft)	6GR-81115-30-00	3.0m (10 ft)		

# Rigging Diagrams

## DBW REMOTE CONTROL (MAIN STATION)

### QUAD LEVEL 4 INTEGRATED



## QUAD LEVEL 4 INTEGRATED PARTS

	Description	Qty	Note	
<b>LEVEL 1</b>	6X9-48209-13-00	6X9 Quad Top Mt Main DEC	1	
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi*	1	
	6X9-762E0-31-00	Quad EKS Top Mount Kit	1	
	6X6-8258A-41-00	Main harness 16P 12m / 39 ft	2	Other lengths available
	6X6-8258A-71-00	Main harness 16P 15m / 49 ft	2	Other lengths available
<b>LEVEL 2</b>	6X9-615A0-11-00	Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6GR-81115-00-00	SCU link harness (Port/ Stbd) 1.5m (5 ft)	2	Other lengths available
	6GR-81115-20-00	SCU link harness (Center) 1.5m (5 ft)	2	Other lengths available
	6Y8-82521-11-00	Pigtail bus wire 0.6m / 2 ft	3	Other lengths available
	6GR-8258A-11-00	Helm harness main station Twin/Triple/Quad 0.9m / 3 ft	2	Other lengths available
<b>LEVEL 4</b>	6X9-762J0-B3-20	Joystick Fitting Kit Quad	1	
	6X9-482A0-03-00	Joystick Controller Assy	1	
	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available
	6X9-82521-00-00	AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other lengths available

Level 4 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## BOW THRUSTER INTEGRATION

Part Number	Description	Qty	Note
6X9-86500-02-00	Bow Thruster Driver		
6Y8-81920-11-00	Inline Hub	1	
6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Other lengths available

## KIT CONTENTS

Part Number	Description	Qty	Note
6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi		
6YM-83710-07-00	CL5 display	1	
6YM-83553-00-00	Conversion harness	1	0.9 m (3 ft)
6YD-8356N-00-00	Fuel Tank Wire	1	
6Y8-81920-01-00	Multihub	1	
6Y9-83553-00-00	Conversion harness	1	
6Y8-82553-01-00	Main bus wire	1	0.3m (1 ft), other lengths available
6Y8-82521-31-00	Pigtail bus wire	1	1.8m (6 ft), other lengths available
6Y8-83553-02-00	System power supply	1	
6Y8-82582-11-00	Terminal cap white	2	

Part Number	Description	Qty	Note	Part Number	Description	Qty	Note
6X9-762E0-31-00	Quad EKS Top Mount Kit			6X9-762J0-B3-20	Quad HME4 No JSTK		
6X9-82570-51-00	Individual start / stop	1		6X9-8253V-01-00	Autopilot panel	1	
6X9-82716-91-00	EKS harness	1		6X9-88107-02-00	GPS antenna	1	
6X9-82570-D0-00	Lanyard switch	1		6X9-8A410-00-00	Heading sensor	1	
6X9-86260-02-00	Immobilizer + key fob (2pcs)	1	433Mhz	6X9-8591T-44-00	Boat Control Unit	1	
6Y8-82521-11-00	Pigtail bus wire	1	0.6m (2 ft)	6Y8-81920-11-00	Single hub	1	
6Y8-48277-00-00	Sticker	1		6X9-82386-01-00	BCU harness	1	Ext. available
				6YM-83553-00-00	Conversion harness	2	0.9m (3 ft)
				6KA-83720-00-00	Prop lights *	2	

\*) See engine mounted prop lights section

## HARNESS OPTIONS

Main harness 16P	Length (m)	Main bus wire	Length	Pigtail bus wire	Length
6X6-8258A-91-00	1.5m (5 ft)	6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)
6X6-8258A-51-00	3.7m (12 ft)	6Y8-82553-50-00	3.0m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)
6X6-8258A-61-00	5.2m (17 ft)	6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)
6X6-8258A-01-00	6m (19 ft)	6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)
6X6-8258A-11-00	7m (23 ft)	6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)
6X6-8258A-21-00	8m (26 ft)	6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)
6X6-8258A-31-00	10m (32 ft)			* Max length GPS antenna connection	
6X6-8258A-41-00	12m (39 ft)	<b>Helm harness</b>	<b>Length</b>	<b>AP Panel Ext Harness</b>	<b>Length</b>
6X6-8258A-71-00	15m (49 ft)	6GR-8258A-11-00	0.9m (3 ft)	6X9-82521-00-00	4.6m (15 ft)
6X6-8258A-81-00	24m (79 ft)	6GR-8258A-51-00	1.8m (6 ft)	6X9-82521-10-00	9.1m (30 ft)
		6GR-8258A-61-00	2.7m (9 ft)		

SCU Link harness P/S	Length	SCU Link harness Center	Length
6X9-81115-00-00	0.3m (1 ft)	6X9-81115-10-00	0.3m (1 ft)
6GR-81115-00-00	1.5m (5 ft)	6GR-81115-20-00	1.5m (5 ft)
6GR-81115-10-00	3.0m (10 ft)	6GR-81115-30-00	3.0m (10 ft)



## QUAD 2ND STATION LEVEL 1 PARTS

	Description	Qty	Note
	6X9-48207-30-00 6X9 Multi Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
<b>LEVEL 1</b>	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762B0-B0-00 Quad EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6X9-8258A-30-00 2nd station harness Stbd 5m / 16 ft	1	Other lengths available
	6X9-8258A-60-00 2nd station harness Center 5m / 16 ft	2	Other lengths available

\*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6X9-762B0-B0-00	Quad EKS 2nd Station Kit		
6X9-82570-51-00	Individual start / stop	1	
6X9-82716-A0-00	EKS harness	1	
6X9-82570-D0-00	Lanyard switch	1	

## HARNESS OPTIONS

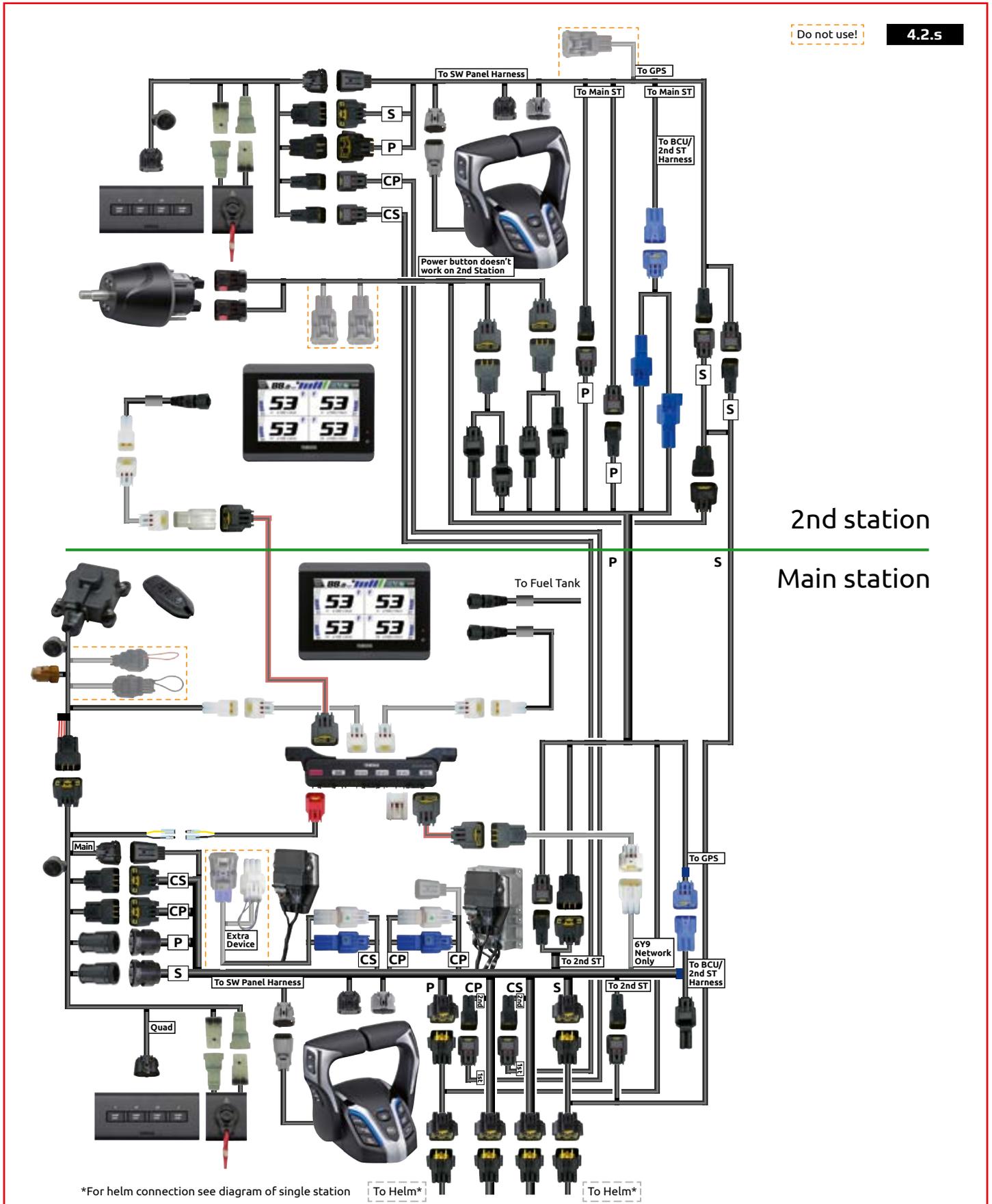
Main bus wire		Pigtail bus wire		2nd helm harness Port		2nd helm harness Stbd		2nd helm harness Center	
	Length		Length		Length		Length		Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)	6X9-8258A-00-00	5m (16 ft)	6X9-8258A-60-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)	6X9-8258A-30-00	5m (16 ft)	6X9-8258A-70-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)	6X9-8258A-40-00	8m (26 ft)	6X9-8258A-80-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)						
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)						
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)						

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### QUAD 2ND STATION LEVEL 2

<b>QUAD</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> BOLT-ON	<b>DUAL</b> STATION
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## QUAD 2ND STATION LEVEL 2 PARTS

	Description	Qty	Note
	6X9-48207-30-00 6X9 Multi Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
<b>LEVEL 1</b>	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762B0-B0-00 Quad EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6X9-8258A-30-00 2nd station harness Stbd 5m / 16 ft	1	Other lengths available
	6X9-8258A-60-00 2nd station harness Center 5m / 16 ft	2	Other lengths available
	6GR-8258A-V0-00 Extension harness	2	XTO 375/425 only
<b>LEVEL 2</b>	6X9-615A0-11-00 Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd station 0.9m / 3 ft	1	

\*) For other display options, check the display section in this guide

## KIT CONTENTS

Part Number	Description	Qty	Note
6X9-762B0-B0-00	Quad EKS 2nd Station Kit		
6X9-82570-51-00	Individual start / stop	1	
6X9-82716-A0-00	EKS harness	1	
6X9-82570-D0-00	Lanyard switch	1	

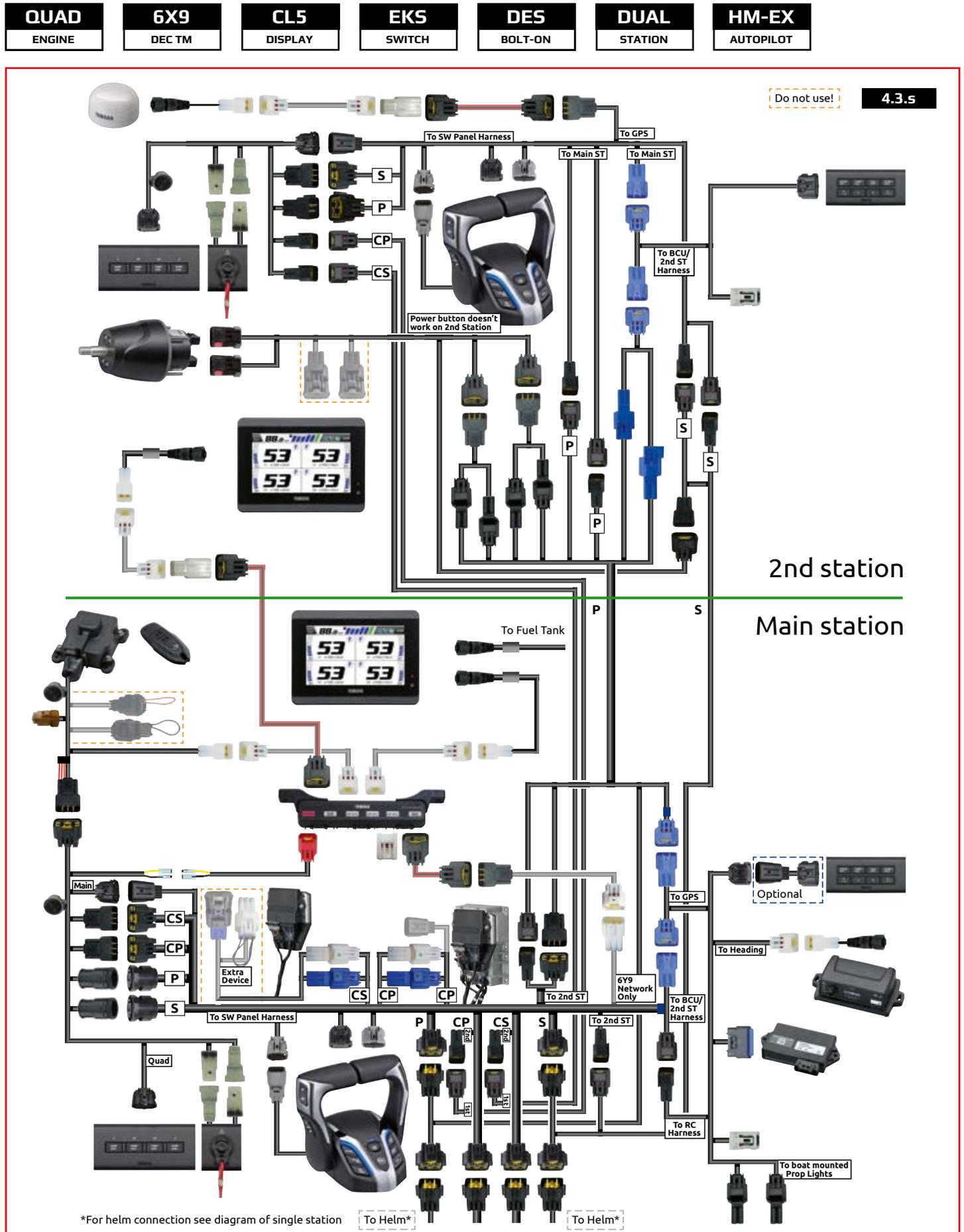
## HARNESS OPTIONS

Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length	2nd helm harness Stbd	Length	2nd helm harness Center	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)	6X9-8258A-30-00	5m (16 ft)	6X9-8258A-60-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)	6X9-8258A-40-00	8m (26 ft)	6X9-8258A-70-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)	6X9-8258A-50-00	12m (38 ft)	6X9-8258A-80-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)						
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)						
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)						

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### QUAD 2ND STATION LEVEL 3



## QUAD 2ND STATION LEVEL 3 PARTS

	Description	Qty	Note
	6X9-48207-30-00 6X9 Multi Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
<b>LEVEL 1</b>	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762B0-B0-00 Quad EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6X9-8258A-30-00 2nd station harness Stbd 5m / 16 ft	1	Other lengths available
	6X9-8258A-60-00 2nd station harness Center 5m / 16 ft	2	Other lengths available
	6GR-8258A-V0-00 Extension harness	2	XTO 375/425 only
<b>LEVEL 2</b>	6X9-615A0-11-00 Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd Station 0.9m / 3 ft	1	
	6X9-762P0-12-00 Autopilot Kit 2nd station	1	
<b>LEVEL 3</b>	6X9-82521-00-00 AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other length available

Level 3 requires an compatible multi-function display for map functions  
 \*) For other display options, check the display section in this guide

## KIT CONTENTS

6X9-762B0-B0-00	Quad EKS 2nd Station Kit	Qty	Note
6X9-82570-51-00	Individual start / stop	1	
6X9-82716-A0-00	EKS harness	1	
6X9-82570-D0-00	Lanyard switch	1	
6X9-762P0-12-00	Autopilot Kit 2nd station	Qty	Note
6X9-8253V-01-00	Autopilot panel	1	
6X9-82386-10-00	BCU harness	1	Extention available

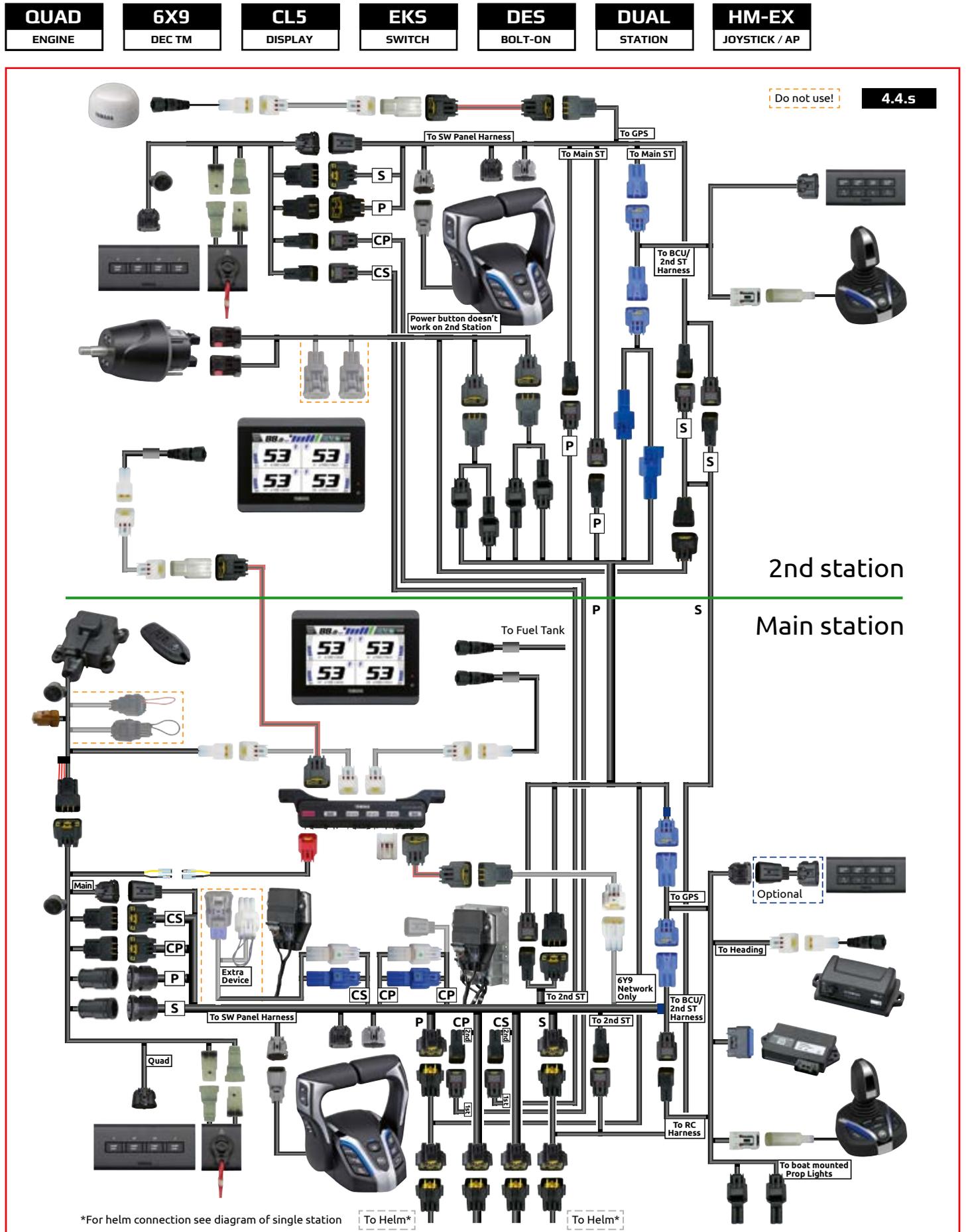
## HARNESS OPTIONS

Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5m (16 ft)
6Y8-82553-50-00	3m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)	6X9-8258A-10-00	8m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)		
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)		
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)		
		* Max length GPS antenna connection			
AP Panel Ext Harness	Length	2nd helm harness Stbd	Length	2nd helm harness Center	Length
6X9-82521-00-00	4.6m (15 ft)	6X9-8258A-30-00	5m (16 ft)	6X9-8258A-60-00	5m (16 ft)
6X9-82521-10-00	9.1m (30 ft)	6X9-8258A-40-00	8m (26 ft)	6X9-8258A-70-00	8m (26 ft)
		6X9-8258A-50-00	12m (38 ft)	6X9-8258A-80-00	12m (38 ft)

# Rigging Diagrams

## DBW REMOTE CONTROL (2ND STATION)

### QUAD 2ND STATION LEVEL 4



## QUAD 2ND STATION LEVEL 4 PARTS

	Description	Qty	Note
	6X9-48207-30-00 6X9 Multi Top Mt 2nd Stn	1	2nd station
	6YM-83710-08-00 CL5 display with Wi-Fi*	1	Display only
	6YM-83553-00-00 Conversion harness for CL5	1	
	6Y8-81920-11-00 Single hub	1	
<b>LEVEL 1</b>	6Y8-82521-11-00 Pigtail bus wire 0.6m / 2 ft	1	Other lengths available
	6Y8-82553-11-00 Main bus wire 4.6m / 15 ft	1	Other lengths available
	6X9-762B0-B0-00 Quad EKS 2nd Station Kit	1	
	6X9-8258A-00-00 2nd station harness Port 5m / 16 ft	1	Other lengths available
	6X9-8258A-30-00 2nd station harness Stbd 5m / 16 ft	1	Other lengths available
	6X9-8258A-60-00 2nd station harness Center 5m / 16 ft	2	Other lengths available
	6GR-8258A-V0-00 Extension harness	2	XTO 375/425 only
	6X9-615A0-11-00 Compact helm kit	1	Tilt type available (Kit: 6GR-762H0-10-00)
	6X9-8258A-B1-00 Helm harness 2nd station 0.9m / 3 ft	1	
	6X9-762P0-12-00 Autopilot Kit 2nd station	1	
<b>LEVEL 2</b>	6X9-482A0-03-00 Joystick Controller Assy	1	
	6X9-82521-00-00 AP Panel Ext Harness 4.6m / 15 ft	1	(Optional) Other length available
<b>LEVEL 4</b>	Level 4 requires an compatible multi-function display for map functions		
	*) For other display options, check the display section in this guide		

## KIT CONTENTS

6X9-762B0-B0-00	Quad EKS 2nd Station Kit	Qty	Note
6X9-82570-51-00	Individual start / stop	1	
6X9-82716-A0-00	EKS harness	1	
6X9-82570-D0-00	Lanyard switch	1	
6X9-762P0-12-00	Autopilot Kit 2nd station	Qty	Note
6X9-8253V-01-00	Autopilot panel	1	
6X9-82386-10-00	BCU harness	1	Ext. Available

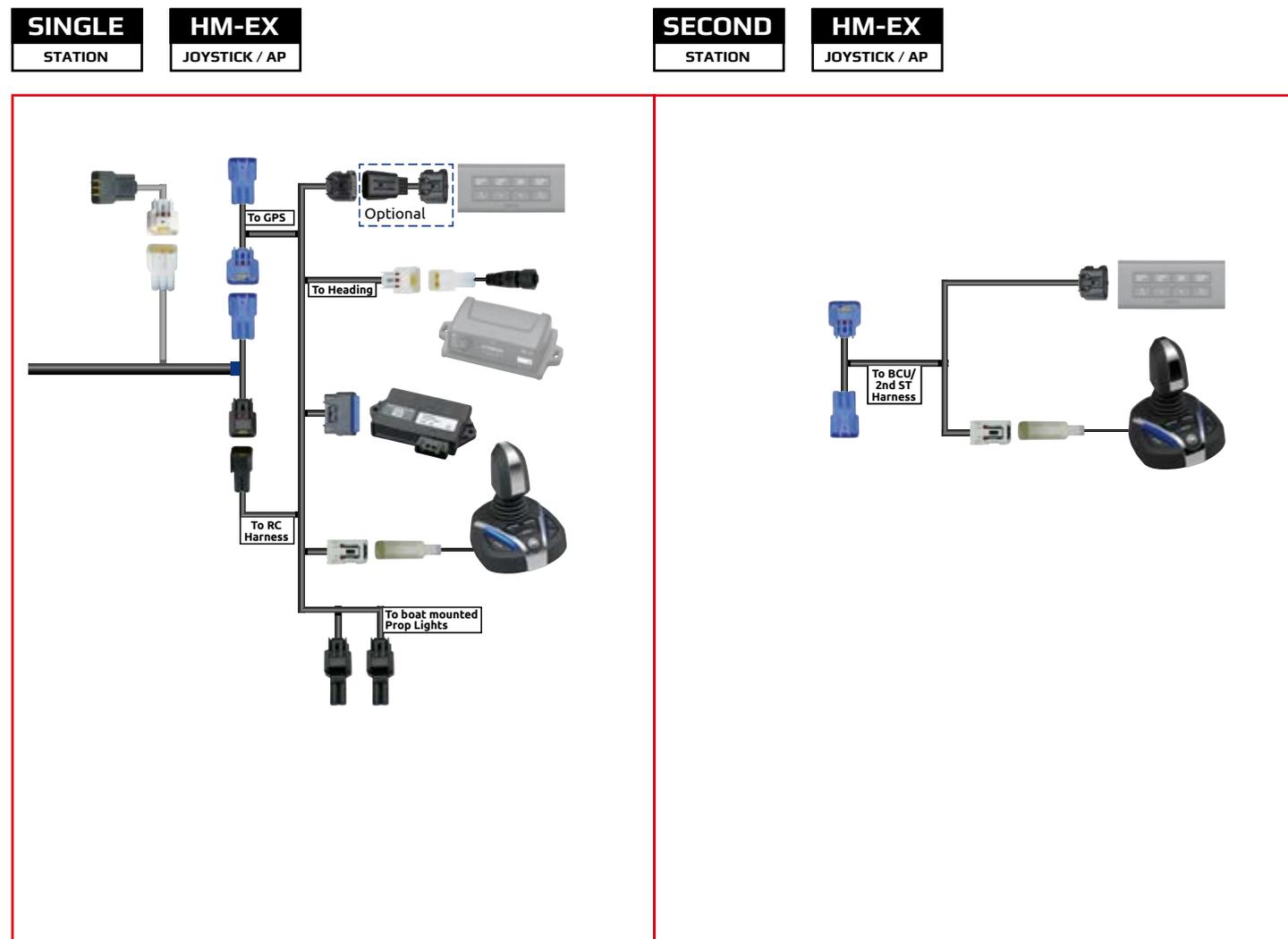
## HARNESS OPTIONS

Main bus wire	Length	Pigtail bus wire	Length	2nd helm harness Port	Length
6Y8-82553-01-00	0.3m (1 ft)	6Y8-82521-01-00	0.3m (1 ft)	6X9-8258A-00-00	5.0m (16 ft)
6Y8-82553-50-00	3.0m (10 ft)	6Y8-82521-11-00*	0.6m (2 ft)	6X9-8258A-10-00	8.0m (26 ft)
6Y8-82553-11-00	4.6m (15 ft)	6Y8-82521-21-00	0.9m (3 ft)	6X9-8258A-20-00	12m (38 ft)
6Y8-82553-21-00	6.1m (20 ft)	6Y8-82521-31-00	1.8m (6 ft)		
6Y8-82553-31-00	7.6m (25 ft)	6Y8-82521-41-00	2.7m (9 ft)		
6Y8-82553-41-00	9.1m (30 ft)	6Y8-82521-51-00	3.6m (12 ft)		
		* Max length GPS antenna connection			
AP Panel Ext Harness	Length	2nd helm harness Stbd	Length	2nd helm harness Center	Length
6X9-82521-00-00	4.6m (15 ft)	6X9-8258A-30-00	5.0m (16 ft)	6X9-8258A-60-00	5.0m (16 ft)
6X9-82521-10-00	9.1m (30 ft)	6X9-8258A-40-00	8.0m (26 ft)	6X9-8258A-70-00	8.0m (26 ft)
		6X9-8258A-50-00	12m (38 ft)	6X9-8258A-80-00	12m (38 ft)

# Rigging Diagrams

## JOYSTICK ADD-ON-KIT

SINGLE STATION (FOR 2ND STATION ADD 1 PCS 6X9-482A0-03-00)

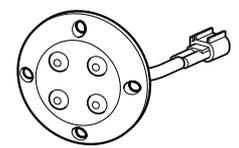
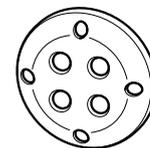
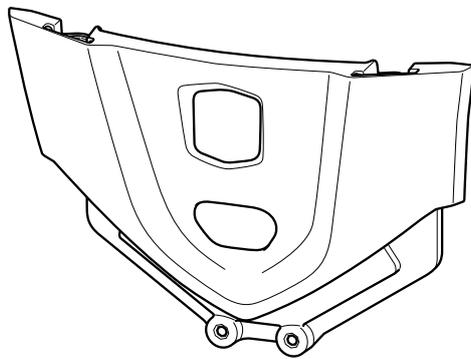
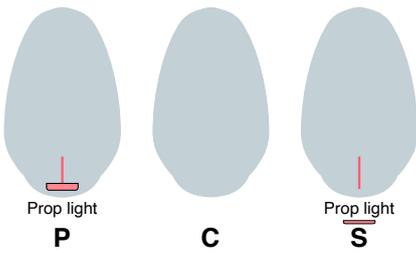


### KIT CONTENTS

Part Number	Description	Qty	Note
6X9-762J0-C0-00 Single	Upgrade Joystick Kit Single	1	
6KA-83720-00-00	Prop lights	1	See engine mounted prop lights section
6X9-762J0-D0-00 Twin	Upgrade Joystick Kit Twin	1	
6X9-8591T-24-00	Boat Control Unit	1	
6KA-83720-00-00	Prop lights	2	See engine mounted prop lights section
6X9-762J0-E0-00 Triple	Upgrade Joystick Kit Triple	1	
6X9-8591T-34-00	Boat Control Unit	1	
6KA-83720-00-00	Prop lights	2	See engine mounted prop lights section
6X9-762J0-F0-00 Quad	Upgrade Joystick Kit Quad	1	
6X9-8591T-44-00	Boat Control Unit	1	
6KA-83720-00-00	Prop lights	2	See engine mounted prop lights section

Joystick Assy to order separately. Joystick Controller Assy 6X9-482A0-03-00. (Optional) Joystick Blue.

## ENGINE MOUNTED PROP LIGHTS



Cover, tail light

LED assy (prop light)

Cover, bottom



Grommet



Screw

	Description	Qty required* (see illustration)	Color	Note
6KA-42723-10-8D	Light Cover, V6 Grey	2	Grey	
6KA-42723-10-CE	Light Cover, V6 White	2	White	
6LH-42723-10-8D	Light Cvr F150-200 - Grey	2	Grey	
6LH-42723-10-CE	Light Cvr F150-200 - White	2	White	

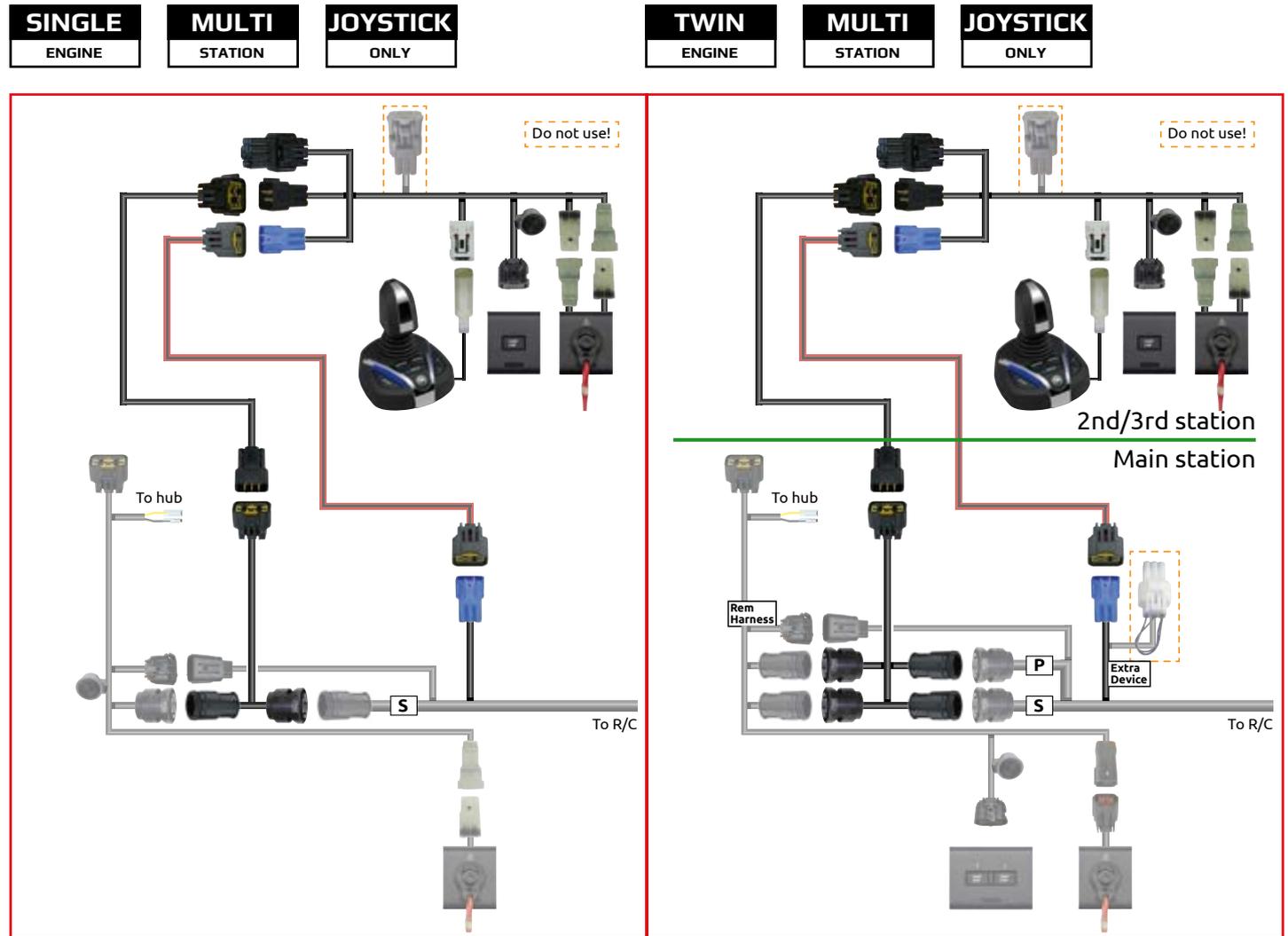
\* For single 1 cover kit is required

	Description	Qty	Note
6KN-762A0-01-00	Engine Mount Prop Light Kit		
6KA-84516-00-00	Cover, tail light	1	
6KA-83720-00-00	LED assy (prop light)	1	
90480-20006	Grommet	1	
97780-40112	Screw	4	

# Rigging Diagrams

## JOYSTICK ONLY STATION SINGLE AND TWIN

Applicable to the following Remote Controls (with Autotrim button MY22 and up) main station needs to be Level 4:



	Description	Qty	Note
<b>SINGLE</b>	6X9-482A0-03-00	1	(Optional) Joystick Blue
	6X9-82580-G0-00	1	
	6X9-82570-D1-00	1	
	6X9-82570-B1-00	1	
	6X9-83553-70-00	1	Other lengths available
	6X9-8258A-C0-00	1	
	6Y8-82553-11-00	1	Other lengths available

	Description	Qty	Note
<b>TWIN</b>	6X9-482A0-03-00	1	(Optional) Joystick Blue
	6X9-82580-G0-00	1	
	6X9-82570-D1-00	1	
	6X9-82570-B1-00	1	
	6X9-83553-70-00	1	Other lengths available
	6X9-8258A-D0-00	1	
	6Y8-82553-11-00	1	Other lengths available

	Description	Qty	Note
<b>GAUGE *</b>	6YM-762G0-71-00	1	
	6YM-83553-00-00	1	
	6Y8-81920-11-00	1	
	6Y8-82521-11-00	1	Other lengths available
	6Y8-82553-11-00	1	Other lengths available

\*) A gauge at all stations is mandatory. For other display options, check the 'display section'.

### HARNESS OPTIONS

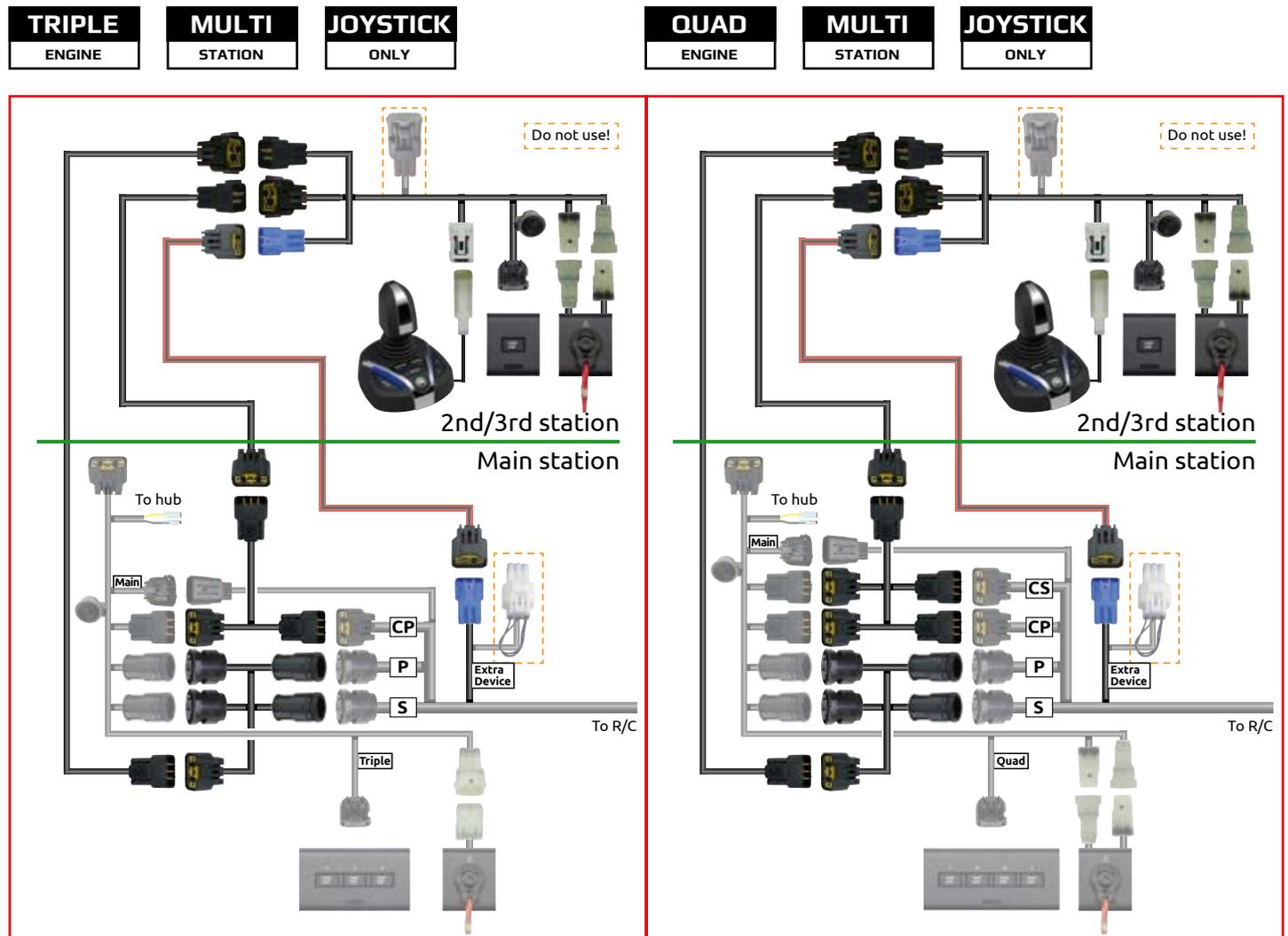
Main bus wire	Length
6Y8-82553-01-00	0.3m (1 ft)
6Y8-82553-50-00	3m (10 ft)
6Y8-82553-11-00	4.6m (15 ft)
6Y8-82553-21-00	6.1m (20 ft)
6Y8-82553-31-00	7.6m (25 ft)
6Y8-82553-41-00	9.1m (30 ft)

Pigtail bus wire	Length
6Y8-82521-01-00	0.3m (1 ft)
6Y8-82521-11-00	0.6m (2 ft)
6Y8-82521-21-00	0.9m (3 ft)
6Y8-82521-31-00	1.8m (6 ft)
6Y8-82521-41-00	2.7m (9 ft)
6Y8-82521-51-00	3.6m (12 ft)

Extension harness	Length
6X9-83553-70-00	7m (22 ft)
6X9-83553-80-00	8m (26 ft)

## JOYSTICK ONLY STATION TRIPLE AND QUAD

Applicable to the following Remote Controls (with Autotrim button) main station needs to be Level 4:  
 Triple 6X9-48208-03-00, Quad Triple 6X9-48209-03-00



	Description	Qty	Note
<b>TRIPLE</b>	6X9-482A0-03-00	1	(Optional) Joystick Blue
	6X9-82580-G0-00	1	
	6X9-82570-D0-00	1	
	6X9-82570-B1-00	1	
	6X9-83553-70-00	2	Other lengths available
	6X9-8258A-D0-00	1	
	6X9-8258A-E0-00	1	
	6Y8-82553-11-00	1	Other lengths available

	Description	Qty	Note
<b>QUAD</b>	6X9-482A0-03-00	1	(Optional) Joystick Blue
	6X9-82580-G0-00	1	
	6X9-82570-D0-00	1	
	6X9-82570-B1-00	1	
	6X9-83553-70-00	2	Other lengths available
	6X9-8258A-D0-00	1	
	6X9-8258A-E0-00	1	
	6Y8-82553-11-00	1	Other lengths available

	Description	Qty	Note
<b>GAUGE *</b>	6YM-762G0-71-00	1	
	6YM-83553-00-00	1	
	6Y8-81920-11-00	1	
	6Y8-82521-11-00	1	Other lengths available
	6Y8-82553-11-00	1	Other lengths available

\*) A gauge at all stations is mandatory. For other display options, check the 'display section'.

### HARNESS OPTIONS

Main bus wire	Length
6Y8-82553-01-00	0.3m (1 ft)
6Y8-82553-50-00	3m (10 ft)
6Y8-82553-11-00	4.6m (15 ft)
6Y8-82553-21-00	6.1m (20 ft)
6Y8-82553-31-00	7.6m (25 ft)
6Y8-82553-41-00	9.1m (30 ft)

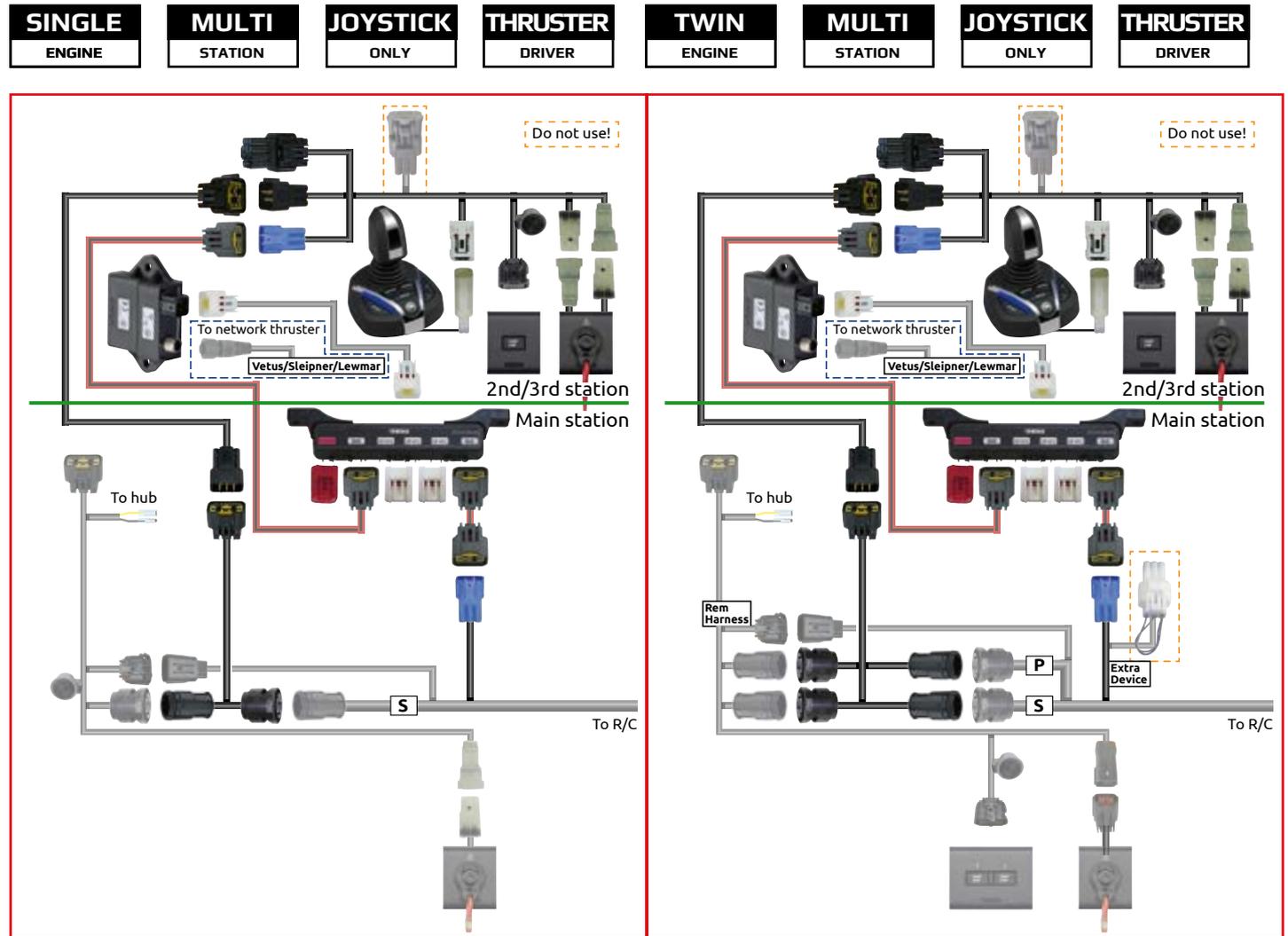
Pigtail bus wire	Length
6Y8-82521-01-00	0.3m (1 ft)
6Y8-82521-11-00	0.6m (2 ft)
6Y8-82521-21-00	0.9m (3 ft)
6Y8-82521-31-00	1.8m (6 ft)
6Y8-82521-41-00	2.7m (9 ft)
6Y8-82521-51-00	3.6m (12 ft)

Extension harness	Length
6X9-83553-70-00	7m (22 ft)
6X9-83553-80-00	8m (26 ft)

# Rigging Diagrams

## JOYSTICK ONLY STATION SINGLE AND TWIN WITH BOW THRUSTER

Applicable to the following Remote Controls (with Autotrim button MY22 and up) main station needs to be Level 4:



	Description	Qty	Note
<b>SINGLE</b>	6X9-482A0-03-00	1	(Optional) Joystick Blue
	6X9-82580-G0-00	1	
	6X9-82570-D1-00	1	
	6X9-82570-B1-00	1	
	6X9-83553-70-00	1	Other lengths available
	6X9-8258A-C0-00	1	
	6Y8-82553-11-00	1	Other lengths available

	Description	Qty	Note
<b>TWIN</b>	6X9-482A0-03-00	1	(Optional) Joystick Blue
	6X9-82580-G0-00	1	
	6X9-82570-D1-00	1	
	6X9-82570-B1-00	1	
	6X9-83553-70-00	1	Other lengths available
	6X9-8258A-D0-00	1	
	6Y8-82553-11-00	1	Other lengths available

### BOW THRUSTER INTEGRATION

	Description	Qty	Note
6X9-86500-02-00	Bow Thruster Driver	1	
6Y8-81920-11-00	Inline Hub	1	
6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Max. length 0.9m (3 ft)

### HARNES OPTIONS

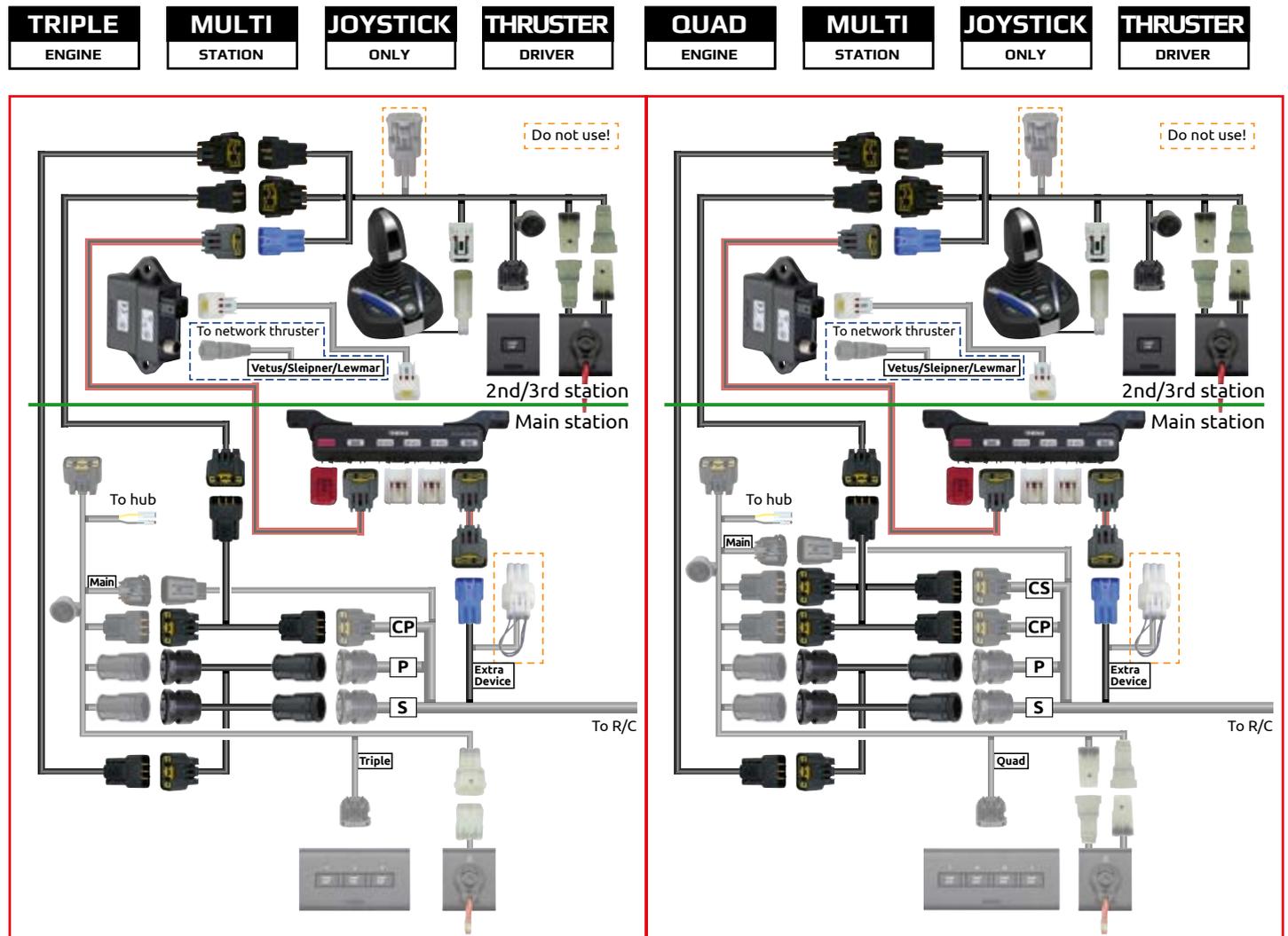
Main bus wire	Length
6Y8-82553-01-00	0.3m (1 ft)
6Y8-82553-50-00	3m (10 ft)
6Y8-82553-11-00	4.6m (15 ft)
6Y8-82553-21-00	6.1m (20 ft)
6Y8-82553-31-00	7.6m (25 ft)
6Y8-82553-41-00	9.1m (30 ft)

Pigtail bus wire	Length
6Y8-82521-01-00	0.3m (1 ft)
6Y8-82521-11-00	0.6m (2 ft)
6Y8-82521-21-00	0.9m (3 ft)

Extension harness	Length
6X9-83553-70-00	7m (22 ft)
6X9-83553-80-00	8m (26 ft)

## JOYSTICK ONLY STATION TRIPLE AND QUAD WITH BOW THRUSTER

Applicable to the following Remote Controls (with Autotrim button) main station needs to be Level 4:  
 Triple 6X9-48208-03-00, Quad Triple 6X9-48209-03-00



	Description	Qty	Note
<b>TRIPLE</b>	6X9-482A0-03-00	1	(Optional) Joystick Blue
	6X9-82580-G0-00	1	
	6X9-82570-D0-00	1	
	6X9-82570-B1-00	1	
	6X9-83553-70-00	2	Other lengths available
	6X9-8258A-D0-00	1	
	6X9-8258A-E0-00	1	
	6Y8-82553-11-00	1	Other lengths available

	Description	Qty	Note
<b>QUAD</b>	6X9-482A0-03-00	1	(Optional) Joystick Blue
	6X9-82580-G0-00	1	
	6X9-82570-D0-00	1	
	6X9-82570-B1-00	1	
	6X9-83553-70-00	2	Other lengths available
	6X9-8258A-D0-00	1	
	6X9-8258A-E0-00	1	
	6Y8-82553-11-00	1	Other lengths available

### HARNESS OPTIONS

Main bus wire	Length
6Y8-82553-01-00	0.3m (1 ft)
6Y8-82553-50-00	3m (10 ft)
6Y8-82553-11-00	4.6m (15 ft)
6Y8-82553-21-00	6.1m (20 ft)
6Y8-82553-31-00	7.6m (25 ft)
6Y8-82553-41-00	9.1m (30 ft)

Pigtail bus wire	Length
6Y8-82521-01-00	0.3m (1 ft)
6Y8-82521-11-00	0.6m (2 ft)
6Y8-82521-21-00	0.9m (3 ft)

Extension harness	Length
6X9-83553-70-00	7m (22 ft)
6X9-83553-80-00	8m (26 ft)

### BOW THRUSTER INTEGRATION

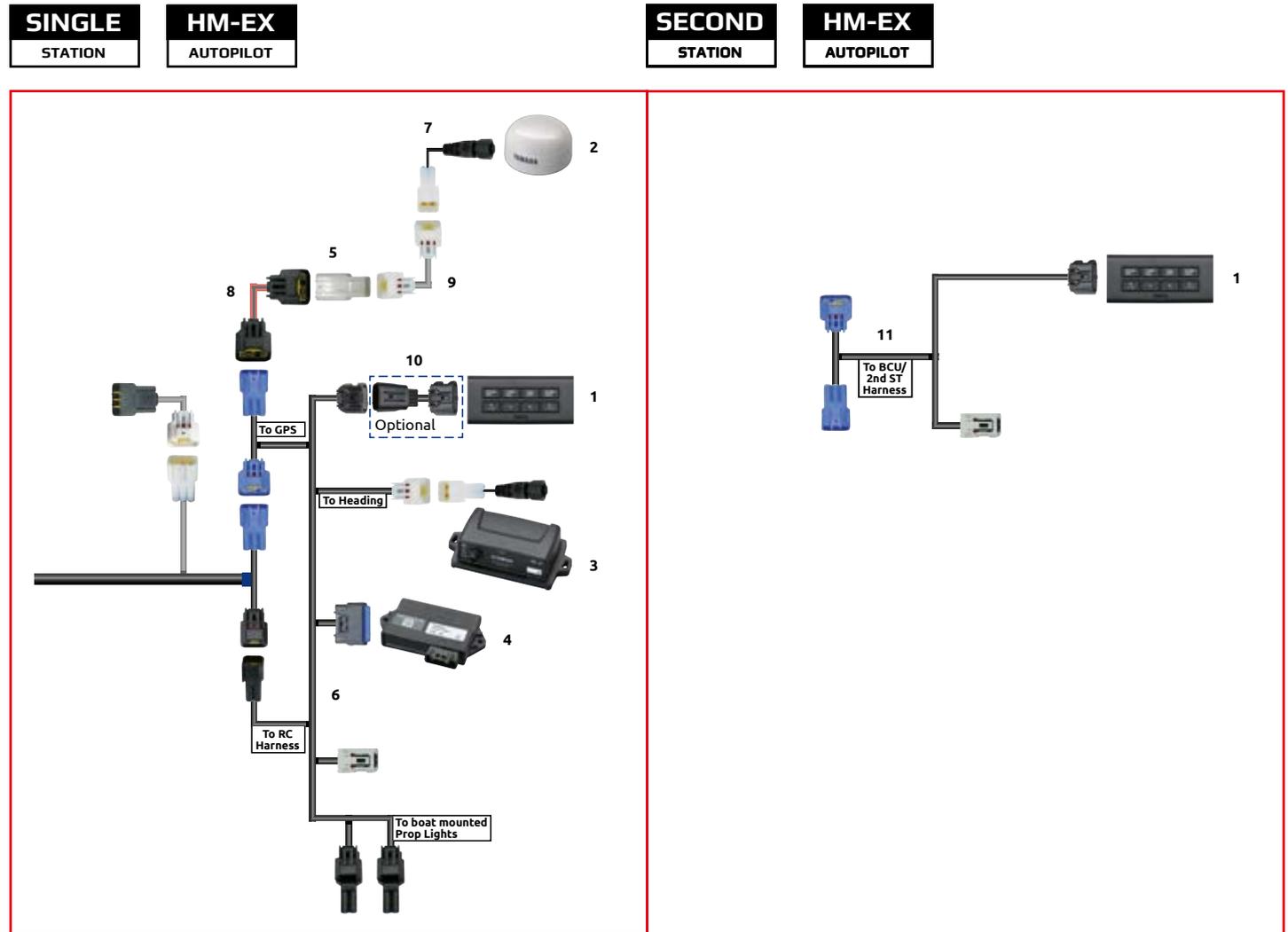
	Description	Qty	Note
6X9-86500-02-00	Bow Thruster Driver		
6Y8-81920-11-00	Inline Hub	1	
6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Max. length 0.9m (3 ft)

# Rigging Diagrams

## AUTOPILOT UPGRADE KIT SINGLE TO QUAD ENGINE \*\*

### SINGLE STATION

### SECOND STATION (ADDITIONAL TO SINGLE STATION)



### KIT CONTENTS

	Part Number	Description	Qty	Note
	6X9-762P0-0C-00	Autopilot Kit (Main Station)		
1	6X9-8253V-01-00	Autopilot panel	1	
2	6X9-88107-01-00	GPS antenna	1	
3	6X9-8A410-01-00	Heading sensor	1	
4	6X9-8591T-14-00	Boat Control Unit	1	
5	6Y8-81920-11-00	Single hub	1	
6	6X9-82386-01-00	BCU Harness	1	
7	6YM-83553-00-00	Conversion harness	2	
8	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other length available
9	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Max. length 0.6m (2 ft)
10	6X9-82521-00-00	BCU harness extension	1	Optional

\*\*\*) Order at the local distributor sales department

### HARNESS OPTIONS

Main bus wire	Length
6Y8-82553-01-00	0.3m (1 ft)
6Y8-82553-50-00	3m (10 ft)
6Y8-82553-11-00	4.6m (15 ft)
6Y8-82553-21-00	6.1m (20 ft)
6Y8-82553-31-00	7.6m (25 ft)
6Y8-82553-41-00	9.1m (30 ft)

Pigtail bus wire	Length
6Y8-82521-01-00	0.3m (1 ft)
6Y8-82521-11-00	0.6m (2 ft)

	Part Number	Description	Qty	Note
	6X9-762P0-12-00	Autopilot Upgrade Kit (2nd Station)		
1	6X9-8253V-01-00	Autopilot panel	1	
11	6X9-82386-10-00	BCU Harness	1	

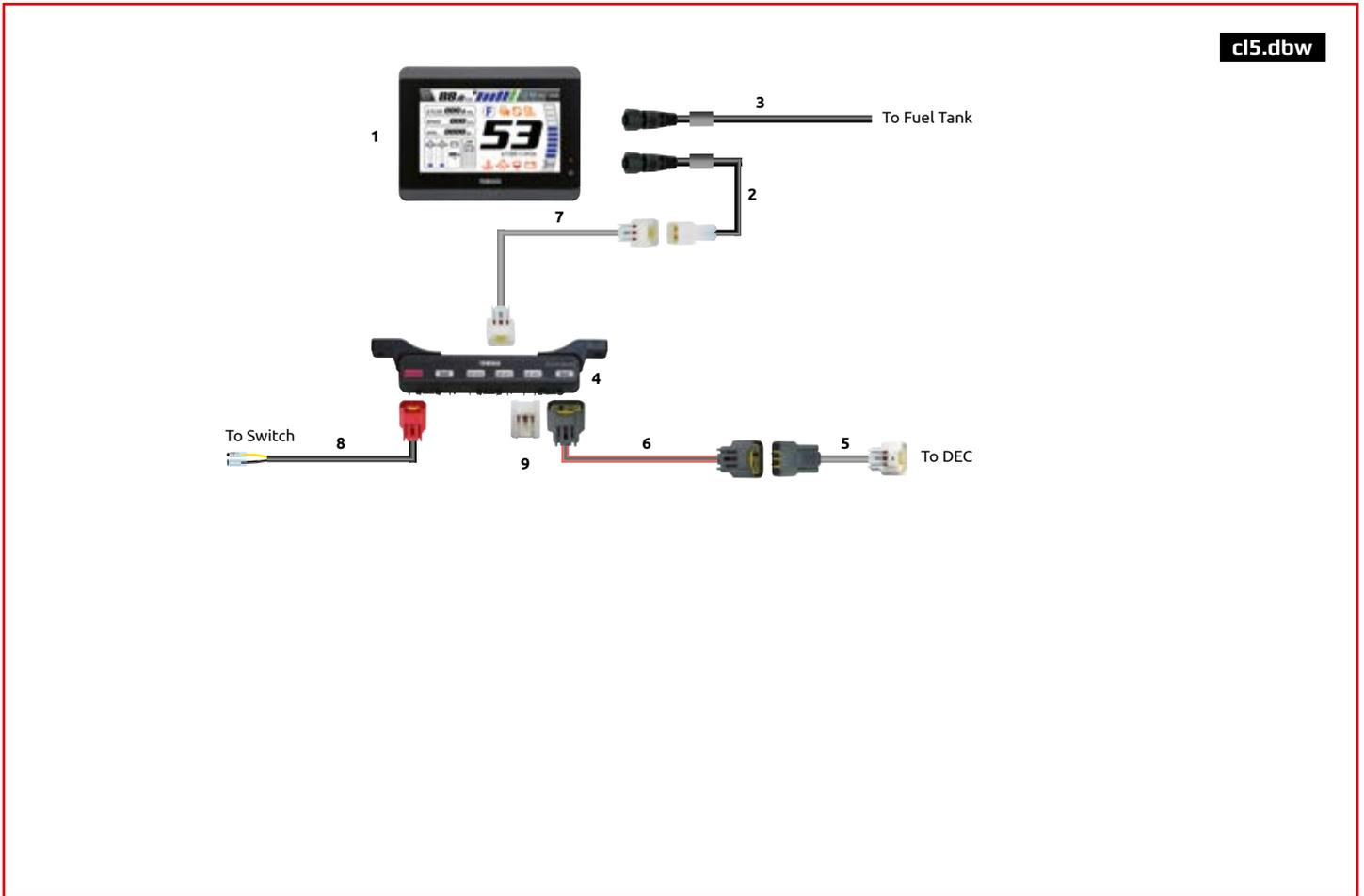
\*\*\*) Order at the local distributor sales department

BCU harness extension	Length
6X9-82521-00-00	4.6m (15 ft)
6X9-82521-10-00	9.1m (30 ft)

## DBW REMOTE CONTROL (DISPLAY)

### DISPLAY OPTION CL5 COLOR TOUCH GAUGE RIGGING KIT (6YM-762G0-71-00)

**CL5**  
DEC



	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
1	6YM-83710-07-00	CL5 display	1	
2	6YM-83553-00-00	Conversion harness 0.9m / 3 ft	1	Optional elbow connector 6YM-83553-10-00
3	6YD-8356N-00-00	Fuel tank wire	1	Optional elbow connector 6YM-8356N-00-00
4	6Y8-81920-01-00	Multi hub	1	
5	6Y9-83553-00-00	Conversion harness	1	
6	6Y8-82553-01-00	Main bus wire 0.3m / 1 ft	1	Other lengths available
7	6Y8-82521-31-00	Pigtail bus wire 1.8m / 6 ft	1	Other lengths available
8	6Y8-83553-02-00	System power supply	1	
9	6Y8-82582-11-00	Cap	2	

# Rigging Diagrams

## DBW REMOTE CONTROL (DISPLAY)

### DISPLAY OPTION CL5 COLOR TOUCH GAUGE RIGGING KIT (6YM-762G0-71-00)



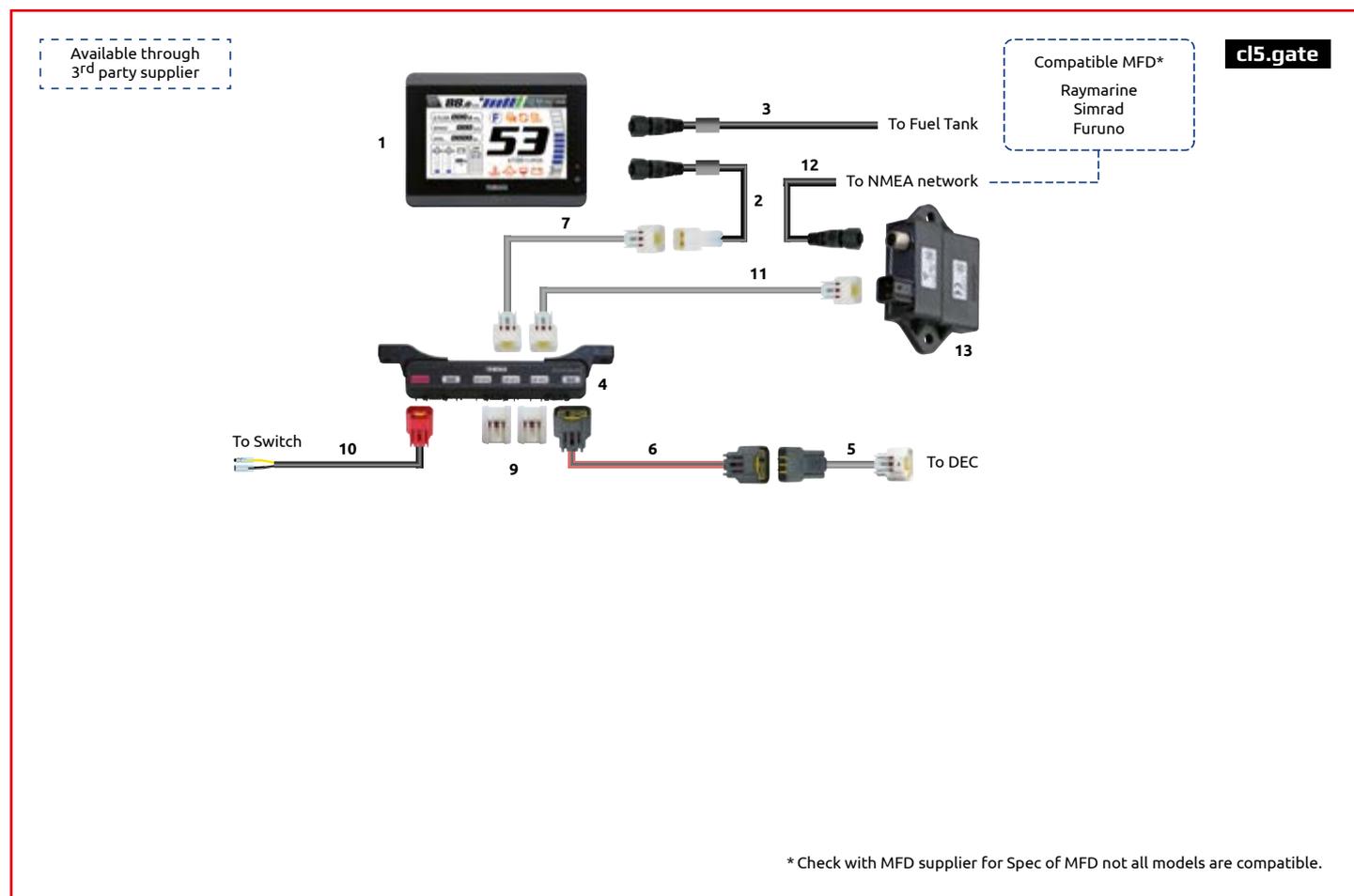
	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
1	6YM-83710-07-00	CL5 display	1	
2	6YM-83553-00-00	Conversion harness 0.9m / 3 ft	1	Optional elbow connector 6YM-83553-10-00
3	6YD-8356N-00-00	Fuel tank wire	1	Optional elbow connector 6YM-8356N-00-00
4	6Y8-81920-01-00	Multi hub	1	
5	6Y9-83553-00-00	Conversion harness	1	
6	6Y8-82553-01-00	Main bus wire 0.3m / 1 ft	1	Other lengths available
7	6Y8-82521-31-00	Pigtail bus wire 1.8m / 6 ft	1	Other lengths available
8	6Y8-83553-02-00	System power supply	1	
9	6Y8-82582-11-00	Cap	2	

	Additional	Part Name	Qty	Note
10	6Y8-82521-11-00	Pigtail bus wire 1.8m / 6 ft	1	Other lengths available
11	6YM-83553-00-00	Conversion harness 0.9m / 3 ft	1	Or Garmin J1939 connector (1pcs per MFD)

## DBW REMOTE CONTROL (DISPLAY)

### DISPLAY OPTION CL5 COLOR TOUCH GAUGE RIGGING KIT (6YM-762G0-71-00)

<b>CL5</b>	<b>MFD</b>
DEC	GATEWAY



	6YM-762G0-71-00	CL5 Display Kit (DEC) with Wi-Fi	Qty	Note
1	6YM-83710-07-00	CL5 Display	1	
2	6YM-83553-00-00	Conversion Harness 0.9m / 3 ft	1	Optional elbow connector 6YM-83553-10-00
3	6YD-8356N-00-00	Fuel Tank Wire	1	Optional elbow connector 6YM-8356N-00-00
4	6Y8-81920-01-00	Multihub	1	
5	6Y9-83553-00-00	Conversion harness	1	
6	6Y8-82553-01-00	Main bus wire 0.3m / 1 ft	1	Other lengths available
7	6Y8-82521-31-00	Pigtail bus wire 1.8m / 6 ft	1	Other lengths available
9	6Y8-82582-11-00	Cap	2	
10	6Y8-83553-02-00	System power supply	1	

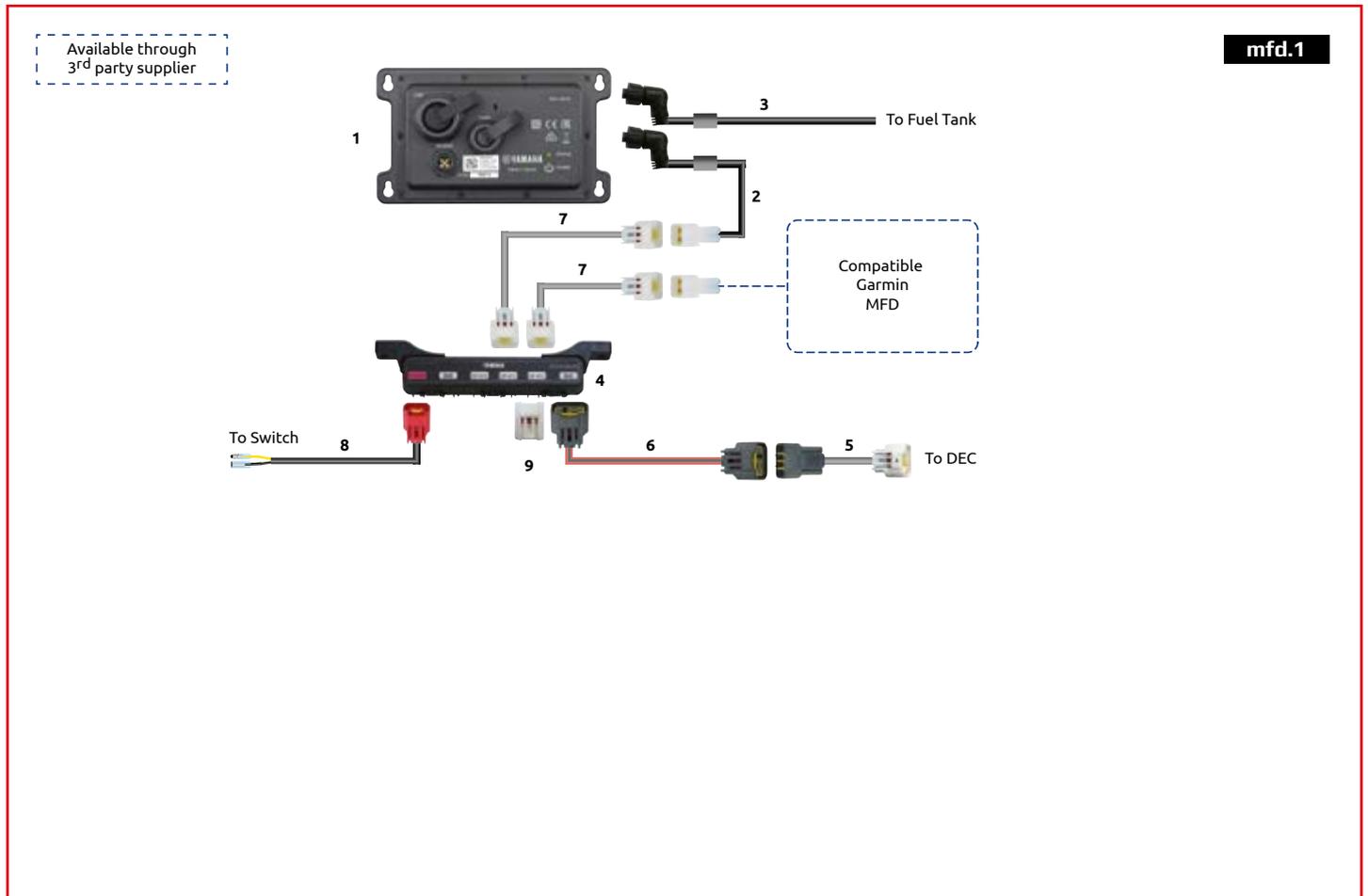
	Additional	Part Name	Qty	Note
11	6Y8-82521-31-00	Pigtail bus wire 1.8m / 6 ft	1	Other lengths available
12	6YG-82521-00-00	NMEA Harness	1	
13	6YG-8A2D0-12-00	6YG Gate way		

# Rigging Diagrams

## DBW REMOTE CONTROL (DISPLAY)

### DISPLAY OPTION MFD INTERFACE TYPE 1 RIGGING KIT FOR GARMIN (6YM-762G0-40-00)

<b>MFD</b>	<b>6X9</b>
TYPE 1	DEC



	6YM-762G0-40-00	MFD interface Type 1 Kit (for Garmin)	Qty	Note
1	6YM-8A2D0-10-00	Interface unit	1	
2	6YM-83553-10-00	Conversion harness 0.9m / 3 ft	1	Elbow connector
3	6YM-8356N-00-00	Fuel tank wire	1	Elbow connector
4	6Y8-81920-01-00	Multi hub	1	
5	6Y9-83553-00-00	Conversion harness 0.3m / 1 ft	1	
6	6Y8-82553-01-00	Main bus wire 0.3m / 1 ft	1	Other lengths available
7	6Y8-82521-31-00	Pigtail bus wire 1.8m / 6 ft	2	Other lengths available
8	6Y8-83553-02-00	System power supply 2.4m / 8 ft	1	
9	6Y8-82582-11-00	Cap	1	

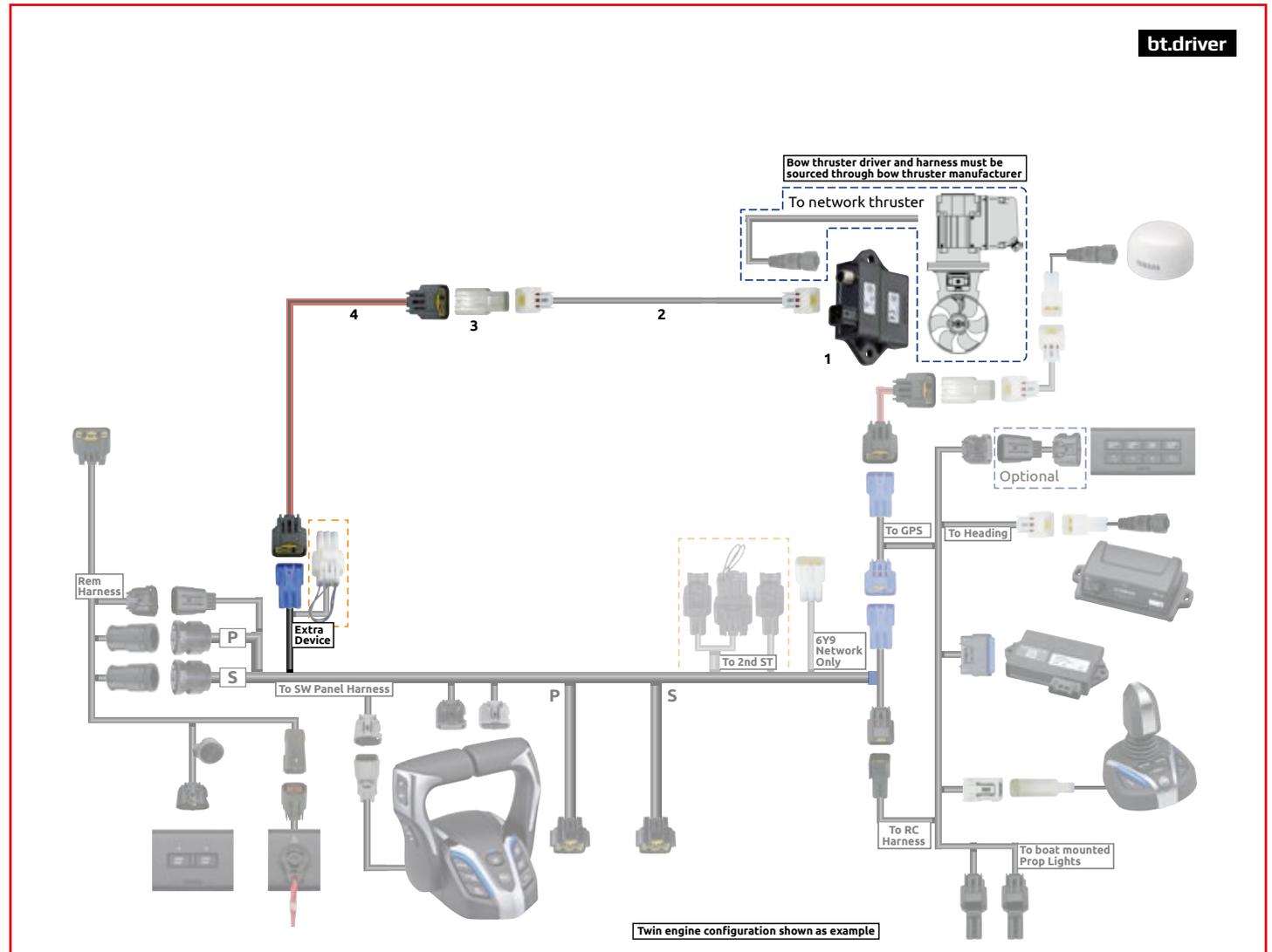


# Rigging Diagrams

## BOW THRUSTER INTEGRATION, ALL ENGINES - EXTRA DEVICE CONNECTED USING INLINE HUB

Helm master EX can be integrated with bow thruster \*1. When you push the F1 button of the autopilot panel, the system wakes up and improves the performance of Joystick maneuvering and SetPoint™, \*2: Yamaha does not supply any bow thruster components, for any information regarding bow thruster please contact your local bow thruster distributor.

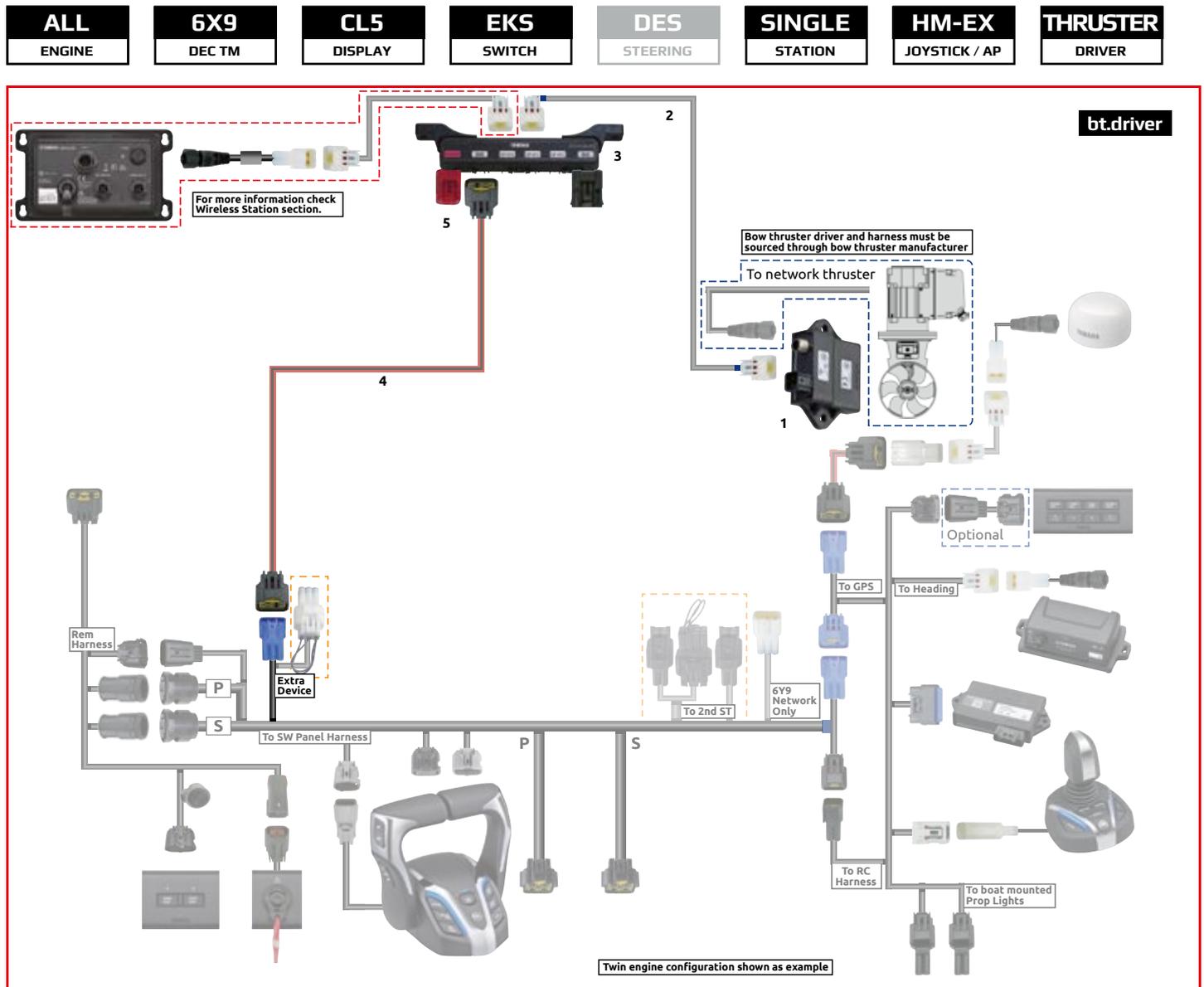
<b>ALL</b> ENGINE	<b>6X9</b> DEC TM	<b>CL5</b> DISPLAY	<b>EKS</b> SWITCH	<b>DES</b> STEERING	<b>SINGLE</b> STATION	<b>HM-EX</b> JOYSTICK / AP	<b>THRUSTER</b> DRIVER
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Part Number	Description	Qty	Note
1 6X9-86500-02-00	Bow Thruster driver	1	
2 6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Max. length 0.9m (3 ft)
3 6Y8-81920-11-00	Inline Hub	1	
4 6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available

## BOW TRUSTER INTEGRATION, ALL ENGINES - EXTRA DEVICE CONNECTED USING MULTI-HUB

Helm master EX can be integrated with bow thruster \*1. When you push the F1 button of the autopilot panel, the system wakes up and improves the performance of Joystick maneuvering and SetPoint™, \*2: Yamaha does not supply any bow thruster components, for any information regarding bow thruster please contact your local bow thruster distributor.

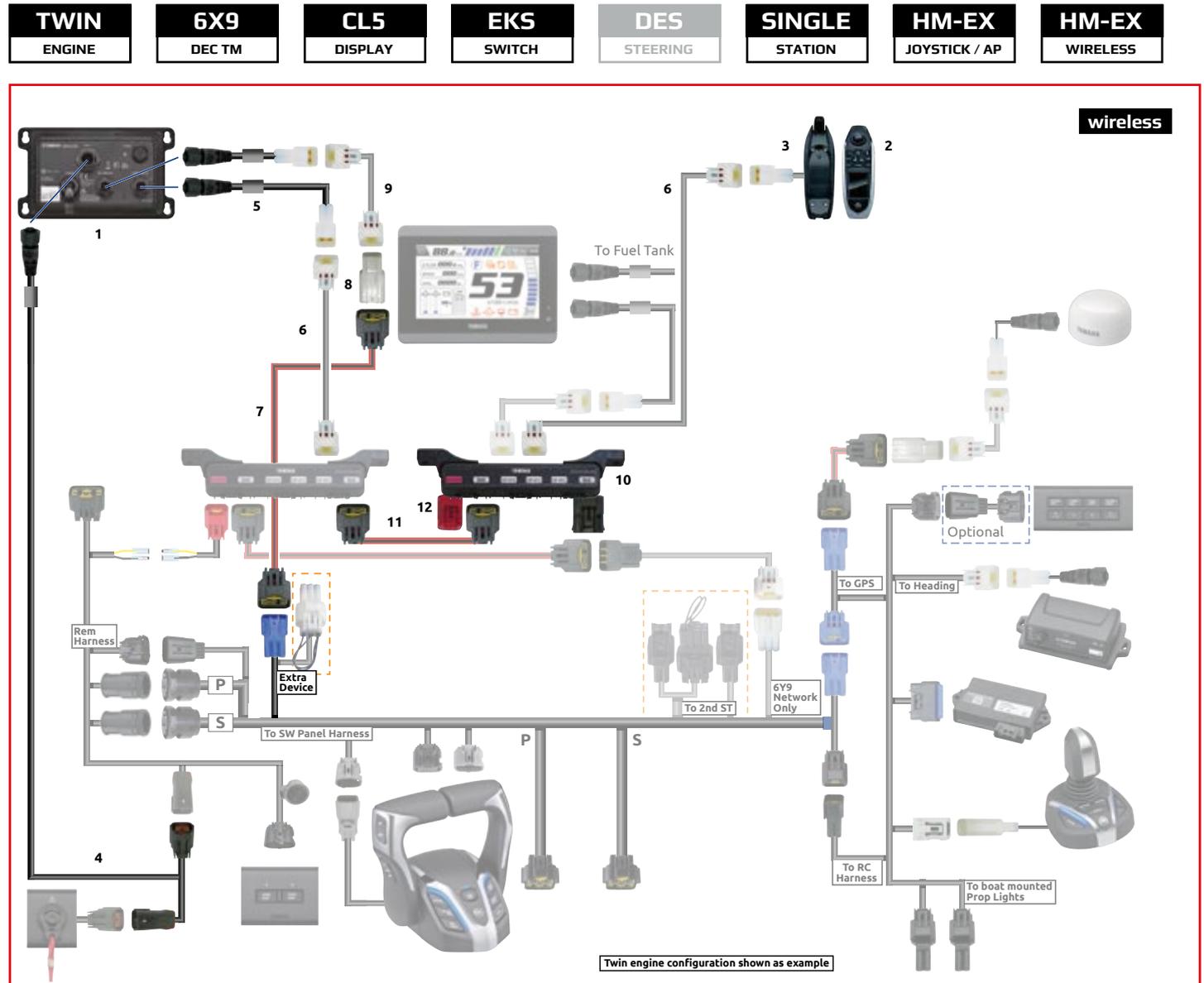


Part Number	Description	Qty	Note
1	6X9-86500-02-00 Bow Thruster driver	1	
2	6Y8-82521-01-00 Pigtail bus wire 0.3m / 1 ft	1	Max. length 0.9m (3 ft)
3	6Y8-81920-01-00 Multi-Hub	1	
4	6Y8-82553-50-00 Main bus wire 3m / 10 ft	1	Other lengths available
5	6Y8-82582-01-00 2-pin red cap	1	

# Rigging Diagrams

## WIRELESS STATION

Helm Master™ EX is Yamaha's new integrated boat control platform. It consists of four primary levels - Digital Electronic Control (DEC), Digital Electric Steering (DES), Autopilot and Joystick with SetPoint™.



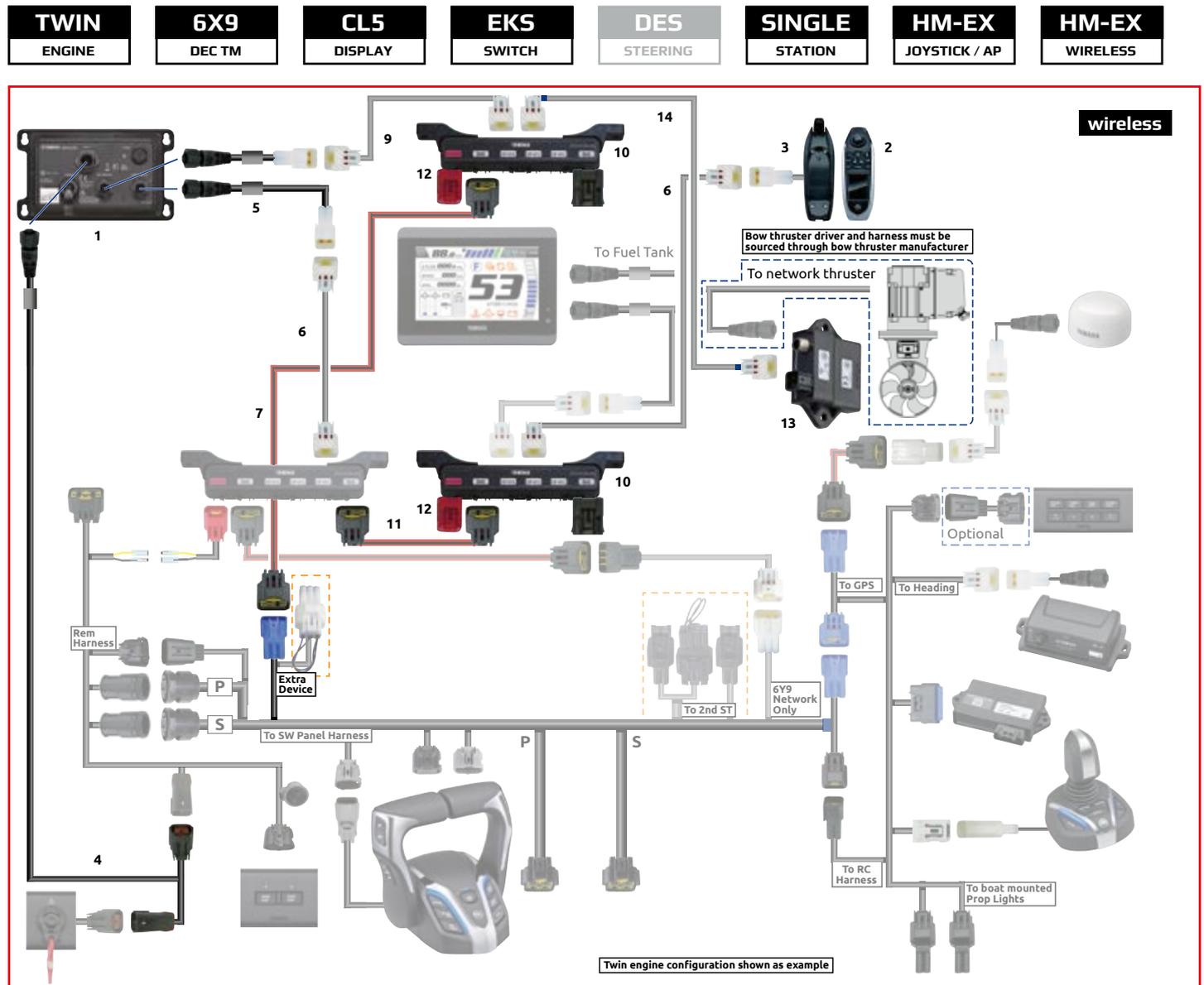
	6x9-762J0-G0-00	Wireless controller kit	Qty	Note
1	6X9-8D1H0-00-00	Wireless hub assy	1	
2	6X9-8D1A1-00-00	Wireless controller assy	1	
3	6X9-8D1C0-00-00	Cradle assy	1	
4	6X9-8356N-00-00	Wireless hub harness *	1	
5	6YM-83553-00-00	Conversion harness 0.9m / 3 ft	1	
6	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	2	Other lengths available
7	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
8	6Y8-81920-11-00	Inline Hub	1	
9	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Max. length 0.6m (2 ft)

\* For Triple and Quad engine an extra additional harness 6x9-87226-00-00

	Additional needed	Description	Qty	Note
10	6Y8-81920-01-00	Multi-Hub	1	
11	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
12	6Y8-82582-01-00	2-pin red cap	1	

## WIRELESS STATION WITH BOW THRUSTER

Helm Master™ EX is Yamaha's new integrated boat control platform. It consists of four primary levels - Digital Electronic Control (DEC), Digital Electric Steering (DES), Autopilot and Joystick with SetPoint™.



	Part Number	Description	Qty	Note
	6x9-762J0-G0-00	Wireless controller kit		
1	6X9-8D1H0-00-00	Wireless hub assy	1	
2	6X9-8D1A1-00-00	Wireless controller assy	1	
3	6X9-8D1C0-00-00	Cradle assy	1	
4	6X9-8356N-00-00	Wireless hub harness *	1	
5	6YM-83553-00-00	Conversion harness 0.9m / 3 ft	1	
6	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	2	Other lengths available
7	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
9	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Max. length 0.6m (2 ft)

\* For Triple and Quad engine an extra additional harness 6x9-87226-00-00

	Part Number	Description	Qty	Note
Additional needed				
10	6Y8-81920-01-00	Multi-Hub	2	
11	6Y8-82553-50-00	Main bus wire 3m / 10 ft	1	Other lengths available
12	6Y8-82582-01-00	2-pin red cap	2	
13	6X9-86500-02-00	Bow Thruster driver	1	
14	6Y8-82521-01-00	Pigtail bus wire 0.3m / 1 ft	1	Max. length 0.9m (3 ft)

## Steering Systems & Steering

### BEST VALUE MECHANICAL STEERING SYSTEM

We offer 2 types of best value mechanical steering systems:

1 Entry level steering system with a reduction steering hub, the 55 lite, up to 55hp:

- This design uses only two gears wherein one gear meshes externally with the drum and moves the inner helical core of the steering cable. Reduction Gear design is a sturdy design but lacks the advantage of compactness.
- The helm shaft is attached to the small gear and must be placed outside the perimeter of the gear drum which makes the helm relatively large.
- Restrictive use in boats with small dashboards.

2 Planetary Gear steering system up to 150hp:

- The Planetary Gear design uses three or more gears meshed internally which rotate on their own axis.
- This design ensures uniform distribution of the torque, thereby ensuring longer life of the steering system with higher efficiency and lower feedback.

### COMPLETE ROTARY STEERING KIT (WITHOUT STEERING WHEEL) UP TO 55 HP

FEET	Cm	Part Name	Part Number
8	244	MECHANIC STEERING 55 KIT 8 FT	YMM-S2080-00
9	274	MECHANIC STEERING 55 KIT 9 FT	YMM-S2090-00
10	305	MECHANIC STEERING 55 KIT 10 FT	YMM-S2010-00
11	335	MECHANIC STEERING 55 KIT 11 FT	YMM-S2011-00
12	366	MECHANIC STEERING 55 KIT 12 FT	YMM-S2012-00
13	396	MECHANIC STEERING 55 KIT 13 FT	YMM-S2013-00
14	427	MECHANIC STEERING 55 KIT 14 FT	YMM-S2014-00

Rotary Steering



### COMPLETE PLANETARY STEERING KIT (WITHOUT STEERING WHEEL) UP TO 150 HP

FEET	Cm	Part Name	Part Number
10	305	MECHANIC STEERING 150 KIT 10FT	YMM-S1100-00
11	335	MECHANIC STEERING 150 KIT 11FT	YMM-S1110-00
12	366	MECHANIC STEERING 150 KIT 12FT	YMM-S1120-00
13	396	MECHANIC STEERING 150 KIT 13FT	YMM-S1130-00
14	427	MECHANIC STEERING 150 KIT 14FT	YMM-S1140-00
15	457	MECHANIC STEERING 150 KIT 15FT	YMM-S1150-00
16	488	MECHANIC STEERING 150 KIT 16FT	YMM-S1160-00

Planetary Steering



### STEERING 150

Part Name	Part Number
BEZEL KIT 150 STEERING HELM	YME-B1B00-90
STEERING HELM PLANETARY 150	YME-H1001-50
STEERING HELM 150 NON REACTION	YME-H1N01-50

### COMPONENT PARTS AND CABLES

Cables YSC18 to be used with 55 Lite steering helm

FEET	Cm	Part Name	Part Number
7	213	OB-STEERING CABLE YSC18 7 FT	YME-SC180-70
8	244	OB-STEERING CABLE YSC18 8 FT	YME-SC180-80
9	274	OB-STEERING CABLE YSC18 9 FT	YME-SC180-90
10	305	OB-STEERING CABLE YSC18 10 FT	YME-SC181-00
11	335	OB-STEERING CABLE YSC18 11 FT	YME-SC181-10
12	366	OB-STEERING CABLE YSC18 12 FT	YME-SC181-20
13	396	OB-STEERING CABLE YSC18 13 FT	YME-SC181-30
14	427	OB-STEERING CABLE YSC18 14 FT	YME-SC181-40
15	457	OB-STEERING CABLE YSC18 15 FT	YME-SC181-50
16	488	OB-STEERING CABLE YSC18 16 FT	YME-SC181-60

### STEERING 55 LITE

Part Name	Part Number
BEZEL KIT 55 STEERING HELM	YME-B3B00-90
STEERING HELM LITE 55	YME-H2005-50

### COMPONENT PARTS AND CABLES

Cables YSC16 to be used with 150 steering helm

FEET	Cm	Part Name	Part Number
7	213	OB-STEERING CABLE 16YSC 7 FT	YME-SC160-70
8	244	OB-STEERING CABLE 16YSC 8 FT	YME-SC160-80
9	274	OB-STEERING CABLE 16YSC 9 FT	YME-SC160-90
10	305	OB-STEERING CABLE 16YSC 10 FT	YME-SC161-00
11	335	OB-STEERING CABLE 16YSC 11 FT	YME-SC161-10
12	366	OB-STEERING CABLE 16YSC 12 FT	YME-SC161-20
13	396	OB-STEERING CABLE 16YSC 13 FT	YME-SC161-30
14	427	OB-STEERING CABLE 16YSC 14 FT	YME-SC161-40
15	457	OB-STEERING CABLE 16YSC 15 FT	YME-SC161-50
16	488	OB-STEERING CABLE 16YSC 16 FT	YME-SC161-60

### ACCESSORIES FOR MECHANICAL STEERING

Part Name	Part Number
C1 CLAMP BLOCK STEERING CABLE	YME-C1000-00
STEERING GROMMET 117 MM	YME-GR160-60
STEERING GROMMET 152 MM	YME-GR160-70
S1 SPLASHWELL MOUNTING KIT	YME-S1000-00
LINK ARM FOR YAMAHA ENGINES	YMM-SL101-00

## PREMIUM MECHANICAL STEERING SYSTEMS



Y12 Helm/Bezel

Y22 Helm (fast-connect system)



Y24 Helm/Bezel

Y23 Helm (non self-centring fast-connect system)



Y24 Helm/Bezel

All these systems are highly responsive and are designed and built to our exacting standards of safety, durability and comfort. The Y22 and Y23 helms (or Y20 kit) can be used for all types of applications. Our Y23 helm has a special non self-centring mechanism, which means the wheel won't return automatically to the straight ahead position after a turn. Both these helms have to be installed with a Y25 Bezel, which is available in 20° and 90° versions.

Number of turns lock-to-lock: Y12 - approx 2.5 Y22/Y23 - approx 3.8 Y24 - approx 3

The Y12 (or Y10 kit) is for smaller boats with engines below 40kW (or below 55hp). Y24 can be applied if a simpler, more conventional system is required.

## Y10 COMPLETE KIT FOR ENGINES BELOW 40KW (OR BELOW 55HP) INCLUDING Y11, Y12 AND STEERING WHEEL YMM-24003-00-BK

FEET	CM	Part Name	Part Number
8'	244	CABLE Y10 STEERING 8	YMM-22208-00-00
9'	274	CABLE Y10 STEERING 9	YMM-22209-00-00
10'	305	CABLE Y10 STEERING 10	YMM-22210-00-00
11'	335	CABLE Y10 STEERING 11	YMM-22211-00-00
12'	366	CABLE Y10 STEERING 12	YMM-22212-00-00
13'	396	CABLE Y10 STEERING 13	YMM-22213-00-00
14'	427	CABLE Y10 STEERING 14	YMM-22214-00-00
15'	457	CABLE Y10 STEERING 15	YMM-22215-00-00

## Y11 STEERING CABLE (TO BE USED WITH Y12)

FEET	CM	Part Name	Part Number
7'	213	CABLE Y11 STEERING 7	YMM-22007-00-00
8'	244	CABLE Y11 STEERING 8	YMM-22008-00-00
9'	274	CABLE Y11 STEERING 9	YMM-22009-00-00
10'	305	CABLE Y11 STEERING 10	YMM-22010-00-00
11'	335	CABLE Y11 STEERING 11	YMM-22011-00-00
12'	366	CABLE Y11 STEERING 12	YMM-22012-00-00
13'	396	CABLE Y11 STEERING 13	YMM-22013-00-00
14'	427	CABLE Y11 STEERING 14	YMM-22014-00-00
15'	457	CABLE Y11 STEERING 15	YMM-22015-00-00
16'	488	CABLE Y11 STEERING 16	YMM-22016-00-00
17'	518	CABLE Y11 STEERING 17	YMM-22017-00-00
18'	549	CABLE Y11 STEERING 18	YMM-22018-00-00
20'	610	CABLE Y11 STEERING 20	YMM-22020-00-00

## Y21 STEERING CABLE (TO BE USED WITH Y22/Y23/Y24)

FEET	CM	Part Name	Part Number
7'	213	CABLE Y21 STEERING 7	YMM-22107-00-00
8'	244	CABLE Y21 STEERING 8	YMM-22108-00-00
9'	274	CABLE Y21 STEERING 9	YMM-22109-00-00
10'	305	CABLE Y21 STEERING 10	YMM-22110-00-00
11'	335	CABLE Y21 STEERING 11	YMM-22111-00-00
12'	366	CABLE Y21 STEERING 12	YMM-22112-00-00
13'	396	CABLE Y21 STEERING 13	YMM-22113-00-00
14'	427	CABLE Y21 STEERING 14	YMM-22114-00-00
15'	457	CABLE Y21 STEERING 15	YMM-22115-00-00
16'	488	CABLE Y21 STEERING 16	YMM-22116-00-00
17'	518	CABLE Y21 STEERING 17	YMM-22117-00-00
18'	549	CABLE Y21 STEERING 18	YMM-22118-00-00
19'	579	CABLE Y21 STEERING 19	YMM-22119-00-00
20'	610	CABLE Y21 STEERING 20	YMM-22120-00-00
21'	640	CABLE Y21 STEERING 21	YMM-22121-00-00
22'	671	CABLE Y21 STEERING 22	YMM-22122-00-00

## Y20 COMPLETE KIT FOR ALL ENGINES (INCLUDING Y21, Y22, Y25 AND STEERING WHEEL YMM-24007-00-BK

FEET	CM	Part Name	Part Number
10'	305	CABLE Y20 STEERING 10	YMM-22310-00-00
11'	335	CABLE Y20 STEERING 11	YMM-22311-00-00
12'	366	CABLE Y20 STEERING 12	YMM-22312-00-00
13'	396	CABLE Y20 STEERING 13	YMM-22313-00-00
14'	427	CABLE Y20 STEERING 14	YMM-22314-00-00
15'	457	CABLE Y20 STEERING 15	YMM-22315-00-00
16'	488	CABLE Y20 STEERING 16	YMM-22316-00-00
17'	518	CABLE Y20 STEERING 17	YMM-22317-00-00

## Y12 STEERING

Part Name	Part Number
Y12 Helm/Bezel	YMM-22400-00-00
Y22 Helm (fast-connect system)	YMM-22500-00-00
Y23 Helm (non self-centring fast-connect)	YMM-22500-10-00
Y24 Helm/Bezel	YMM-22510-00-00
Y25 Bezel (90° version)	YMM-22550-00-00
Y25 Bezel (20° version)	YMM-22551-00-00

# Other Rigging Components

## ACCESSORIES FOR MECHANICAL SYSTEMS

Some outboard models require additional accessories for the connection between the steering cable and the engine.

Description	Part Number
Clamp block to support steering cables (aluminium and stainless steel)	YMM-22601-00-00
Splash well mounting support for steering cables (corrosion resistant)	YMM-22602-00-00
Clamp block to support steering cables (corrosion resistant painted steel)	YMM-22603-00-00
Clevis for YMM-22601-00-00, YMM-22602-00-00 or YMM-22603-00-00	YMM-22610-00-00
Clevis for YMM-22601-00-00, YMM-22602-00-00 or YMM-22603-00-00	YMM-22611-00-00



Y11 Steering Cable with Transom Support (YMM-22601-00-00) using Clamp block.

Clevis YMM-22610-00-00

Clevis YMM-22611-00-00

## STEERING GUIDE ATTACHMENT KITS

These kits are required for connection between the steering cable end and the outboard's steering hook.

Model	Part Number
F8C(03/2007)/FT8D(03/2007)	68T-61350-00-00
F8C(04/2007-)/FT8D(04/2007-)/F9.9J/FT9.9L	68T-61350-10-00
9.9F/15F/F9.9C/FT9.9D/F15A	63V-61350-00-00
FT9.9A/F9.9B	6G8-61350-00-00
F15C/F20B	6AH-61350-00-00
20C/20D/25B/25N/25V/30D/30G/40Q	689-61350-02-00
F25D/FT25F/F30B/F40F	6BG-61350-00-00
40V/50H/F50A/FT50C	63D-61350-00-00
F20A/F25A/FT25B/F30A/F40B/C/D/F50F/H/ F60A/C/F/FT50G/J/FT60B/D/G/F70A/40X	65W-61350-00-00
F25G	6FM-61350-00-00
50G/60F/70B/75C/90A/75A/85A	688-61350-10-00
F80A/B/F100A/D/F	67F-61350-00-00
F100F/F115B/F130A	6EK-61350-00-00
F100B/F115A/F150A/F175A/V4/V6 (2 & 4 stroke)	6E5-61350-02-00
Tie-Bar Kit	
F115 to F300 (V6) Adjustable distance: 600-800mm	6E5-61301-01-00



## STEERING HOOKS

Model	Type	Part Number
Universal Steering Hook (A50) for engines between 5 and 25hp		YMM-21220-00-00
6C/D/8C/N/J/9.9D/15D/40Q	Ball post type, not for F8B/F9.9A/B/25J	676-48511-10-00
F6D/F8C/FT8D/F9.9C/FT9.9D/F9.9F/FT9.9G/F9.9J/FT9.9L/F15A/9.9F/ F13.5A/15F	Steering guide type	63V-48511-01-00
F8A/B/F9.9A/B/25J/30D ('86-'10)	Ball post type	6G8-48511-10-00
F15C/F20B	Steering guide type	6AH-48511-01-00
20D/25B/25N/30H/G ('93-'10)/E25B	Ball post type/Steering guide type	689-48511-02-00
20D/25N ('90-'05)	Steering guide type	6L2-48511-00-00
20D/25N ('01-) 25J/30D ('94-)	Ball post type/Steering guide type	6J8-48511-01-8D
25J/30DETO ('99-'12)	Steering guide type	6J8-48511-52-00
F20A/F20G/F25A/F25D/F25G/FT25B/FT25F/F30A/F30B/F40B/F40F/ F50F/F50H/FT50B/FT50G/FT50J/F60A/F60C/F60F/FT60B/FT60D/FT60G/ F70A/40X	Steering guide type	65W-48511-01-00
25B/50G/60F/70B	Steering guide type	6H3-48511-52-00
25B/Q/40H/50D/50G/60F/70B/75A/80A/85A/90A/55B ('95-)/FL115	Ball post type	688-48511-02-00
55B ('90-'93)	Steering guide type	688-48511-51-1D
55B ('95-'98)	Steering guide type	688-48511-52-00
75C/90A	Steering guide type	688-48511-12-00
40V/Y/F40A/F45A/50H/F50A/B/FT50B/C	Steering guide type	63D-48511-01-00
F80A/F80B/F100A/F100D	Steering guide type	67F-48511-01-00
F80C('12)/F100B ('12)/F115A	Steering guide type	68V-48511-01-00



## HYDRAULIC STEERING KITS BY L&S

Part Number	Kit name	Technical capacitie	Contents
YME-KT220-33-48	KIT LS80PRO	Up to 80HP	Complete kits. Standard systems including cylinder, helm pump with lock valve. Standard fittings, 10m hose and a filling funnel
YME-KT220-33-49	KIT LS125PRO	Up to 125 HP	
YME-KT220-33-50	KIT LS175PRO	Up to 175 HP	
YME-KT220-33-51	KIT LS225PRO	Up to 225 HP	
YME-KT220-40-20	KITLS3500PRO	Up to 350 HP	
YME-KT220-40-28	KIT LS3500PRO PRE-CRIMPED	Up to 350 HP	
YME-KT220-40-21	LS 232C/29HB	Up to 300HP (different model)	



## HYDRAULIC STEERING KITS FOR F150-F200 ENGINES WITH INTEGRATED HYDRAULIC CYLINDER. \*UPDATED CONTENT.

The kit will consist out of:

- 1 pair Fittings for the Helm to the hoses:
- Hydraulic steering helm HB26:
- 1 Pair of pre crimped hoses including the connectors to the intergrated hydraulic cylinder. (advice not to make hoses yourself, risk of leakage etc)

Part Number	Part Name
YME-KT220-43-37	LS KIT YAMAHA F150-F200 5M
YME-KT220-43-38	LS KIT YAMAHA F150-F200 6M
YME-KT220-43-39	LS KIT YAMAHA F150-F200 7M
YME-KT220-43-40	LS KIT YAMAHA F150-F200 7.5 M
YME-TK220-43-41	LS KIT YAMAHA F150-F200 8.5 M
YME-SP129-08-90	HYD HOSE F150-F200 WITH CONNECTOR 5M
YME-SP129-08-91	HYD HOSE F150-F200 WITH CONNECTOR 6M
YME-SP129-08-92	HYD HOSE F150-F200 WITH CONNECTOR 7M
YME-SP129-08-93	HYD HOSE F150-F200 WITH CONNECTOR 7,5M
YME-SP129-08-96	HYD HOSE F150-F200 WITH CONNECTOR 8,5M

## HYDRAULIC HOSES

Part Number	Diameter	Remark
YME-HH120-47-40	Hydraulic hose 6mm 12M	
YME-HH120-53-00	Hydraulic hose 6mm 35M	
YME-HH120-53-01	Hydraulic hose 8mm 12M	
YME-HH120-47-42	Hydraulic hose 8mm 25M	
YME-HH120-71-17	Hydraulic hose 8mm 35M	
YME-HH120-53-00	Hydraulic hose 6mm 35M	
YME-SP129-05-02	Pre-crimped Hydraulic hose 5m	Fitting already pre crimped in the hose
YME-SP129-05-03	Pre-crimped Hydraulic hose 6m	Fitting already pre crimped in the hose
YME-SP129-07-56	Pre-crimped Hydraulic hose 7m	Fitting already pre crimped in the hose
YME-SP129-05-04	Pre-crimped Hydraulic hose 7,5m	Fitting already pre crimped in the hose
YME-SP129-07-53	Pre-crimped Hydraulic hose 8.5	Fitting already pre crimped in the hose



# Other Rigging Components



## HYDRAULIC HELMS

Part Number	Part Name
YMF-11220-08-04	HYD ST Helm 20HB-CAR
YMF-11220-09-48	HYD ST Helm 26HB-CAR
YMF-11220-09-50	HYD ST Helm 30HB-CAR

## TIE-BAR

Part Number	Part Name	Remark
YME-SP220-21-23	OB - Tie-Bar ADJ 650-880	For 2 engines equipped with LS3500PRO
YME-SP220-37-56	OB - Tie-Bar ADJ 600-820	For 2 engines equipped with LS125PRO cilinder / LS175PRO / LS225PRO.
YME-SP220-36-14	OB - Tie-Bar ADJ 640-850	For 2 engines equipped with LS125PRO cilinder / LS175PRO / LS225PRO.
YME-SP220-20-41	OB - Tie-Bar ADJ 470-710	
YME-SP220-29-12	OB - Tie-Bar ADJ 650-850	
YME-SP220-21-02	OB - Tie-Bar ADJ 710-940	
YME-SP220-29-11	OB - Tie-Bar ADJ 450-650	



## PURGING KIT

Part Number	Part Name
YME-KT220-35-93	Purging Kit
YME-KT220-40-29	Adapter TELEFLEX Fitting Purge Kit helm side
YME-22038-77	ADAPTER LS PURGING KIT to imperial connectors on the hydr. Cylinder

## HYDRAULIC CYLINDERS

Part Number	Part Name
YMF-11220-33-15	KIT VHM EX80HP+Fittings
YMF-11220-33-33	KIT VHM EX125HP+Fittings
YMF-11220-33-34	KIT VHM EX175HP+Fittings
YMF-11220-33-35	KIT VHM EX225HP+Fittings
YMF-11220-06-96	KIT VHM EX232H+Fittings
YMF-11220-35-72	KIT VHM EX3500HP++Fittings

## KIT ACCESSORIES AND HYDRAULIC L&S OIL

Part Number	Part Name
YME-SP220-10-58	Pump Bezel
YME-SP220-17-53	Bulkhead strain relief
Hydraulic LS oil	
YMD-6504-91-781	Yamalubr Hydraulic fluid VG46

## SPARE PARTS

### Helm pump spare parts

Part Number	Description	Helm pump
YME-SP120-06-68	Seal kit	
YME-SP220-08-07	Set of straight fittings	
YME-SP220-19-89	Set of elbow fittings	20 HB CAR
YME-SP220-04-53	Mounting kit	
YME-SP120-60-25	Shaft end key	
YME-SP220-12-76	Equipped gauge cap	
YME-SP120-06-68	Seal kit	
YME-SP220-00-21	Set of elbow fittings	
YME-SP220-04-53	Monting kit	26 HB CAR
YME-SP120-60-25	Shaft end key	
YME-SP220-12-76	Equipped gauge cap	
YME-SP120-06-68	Seal kit	
YME-SP220-00-21	Set of elbow fittings	
YME-SP220-04-53	Mounting kit	30 HB CAR
YME-SP120-60-25	Shaft end key	
YME-SP220-12-76	Equipped gauge cap	
YME-SP120-22-63	Seal kit	
YME-SP220-00-21	Set of elbow fittings	
YME-SP220-04-53	Mounting kit	29 CT HB CAR
YME-SP120-60-25	Shaft end key	
YME-SP220-12-76	Equipped gauge cap	

### Cylinder spare parts

Part Number	Spare part description	Cylinder
YME-SP120-64-96	Seal kit	
YME-SP120-63-48	Bolt for fixing on Motor arm	VHM EX 125HP
YME-SP220-08-08	Set of fittings for 6mm	
YME-SP120-62-43	Equipped rod	
YME-SP120-64-97	Seal kit	
YME-SP120-63-48	Bolt for fixing on Motor arm	VHM EX 175HP
YME-SP220-33-56	Set of fittings 8 MM	
YME-SP120-62-48	Equipped rod	
YME-SP120-64-98	Seal kit	
YME-SP120-63-48	Bolt for fixing on Motor arm	VHM EX 225HP
YME-SP220-33-56	Set of fittings 8 MM	
YME-SP120-55-12	Equipped rod	
YME-SP120-58-03	Seal kit	
YME-SP120-60-90	Bolt for fixing on Motor arm	VHM EX 350HP
YME-SP120-61-27	Equipped rod	
YME-SP220-00-23	set of stainless steel fittings 8mm	
YME-SP220-21-03	tie bar 1 cylinder / 2 motors	
YME-SP120-06-38	Seal kit	
YME-SP120-60-90	Bolt for fixing on Motor arm	
YME-SP120-21-84	Equipped rod	YMESP1200766
YME-SP120-32-24	Equipped lever	
YME-SP220-00-23	set of stainless steel fittings 8mm	
YME-SP120-07-66	Cylinder tube	



STEERING WHEELS



1



2



3



4



5



6\*



7



8



9\*

#	PART NUMBER	DIAMETER (MM)	
1	YMM-24001-00-BK	335	STEERING WHEEL BLACK LONG SPOKE
2	YMM-24002-00-BK	342	STEERING WHEEL BLACK 4-SPOKE
3	YMM-24005-00-BK	350	STEERING WHEEL BLACK 5-SPOKE
4	YMM-24005-00-GY	342	STEERING WHEEL GREY 5-SPOKE
5	YMM-24003-00-BK	350	STEERING WHEEL BLACK
6*	YMM-24008-00-BS	350	STEERING WHEEL LUXE BLACK/SILVER
7	YMM-24004-00-BK	280	STEERING WHEEL BLACK SMALL
8	YMM-24006-00-CH	345	STEERING WHEEL CHROME 5-SPOKE
9*	YMM-24007-00-BK	350	STEERING WHEEL BLACK
-	YMM-24000-01-00	-	HUB FOR STEERING WHEELS (X63)

\* To fit these wheels, the special hub (part number YMM-24000-01-00) is also required.

## Outboard Maintenance & Accessories



### RIGGING HOSE

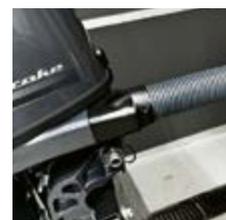
Keep your cables protected and uncluttered with a Rigging Hose. Yamaha Hoses are tough yet flexible and are constructed from crush-resistant, UV-protected material to ensure a longer life span. Hoses are mounted using a chromium-plated copper or plastic bracket and come in black, gray or metallic blue colours.

2"		
Black	25ft/7,62m	YME-RHS20-BK-25
Gray/Black	25ft/7,62m	YME-RHS20-BE-25
White/Black	25ft/7,62m	YME-RHS20-WT-25
Metallic blue	25ft/7,62m	YME-RHS20-BG-25
2,5" XTO		
Black	25ft/7,62m	YME-RHS25-BK-25
White/Black	25ft/7,62m	YME-RHS25-WT-25

### RIGGING ENGINE GROMMETS

Perfect fitment finishing on your 30-70 HP outboard engine that will also protect your cables from external weather conditions. Due to the 2 piece design, it is easy to mount on your cable outlet from the engine. Together with the 2 inch hose that we offer, it will make a premium end result.

Description	Part Number
30-70 HP Rigging Grommet	YME-EGPA0-10-00
30-70 HP Rigging Grommet per 8 pcs bulk	YME-EGPAB-10-00



### TRANSOM FLANGES

The tough plastic bracket is easy to install by just threading the Rigging Hose onto it. It requires no clamp, yet provides positive engagement. Use with the rigging Grommet on the other end for quick, easy rigging. When the chromium plated copper "through transom bracket" is used, the rigging hose is fitted with the clamp.

2"		
Chrome transom bracket with 2 anodised stainless steel clamps		ABA-THRUT-RA-SM
Transom flange Black		MAR-TRBRT-BL-00
Transom flange White		MAR-TRBRT-WH-00
2,5" XTO		
Black		YME-TFLNG-25-BK
White		YME-TFLNG-25-WT

### TRANSOM PLATES

Yamaha recommend these transom plates for boats with engines from 60hp and up.

Transomplate (4 & 6 CYL)	YME-09TP0-01-00
Transomplate (V8)	YME-09TP1-01-00



### TRANSOM BOLTS

Outboard	Thread	Total Length	Boat transom thickness (*)	Part Number
F25D - F300B	M12	95mm		90101-12M51-00
	M12	105mm		90101-12063-00
	M12	115mm	55-65mm	90101-12064-00
	M12	130mm	65-75mm	90101-12065-00
	M12	150mm	75-95mm	90101-12066-00
F300 - XTO **	M12	85mm	-55mm	90101-12051-00
	M12	110mm	55-65mm	90101-12053-00
	M12	130mm	65-75mm	90101-12076-00
	M12	150mm	75-95mm	90101-12067-00
	M12	170mm	95-115mm	90101-12068-00
	M12	180mm	115mm-	90101-12073-00
	M12	200mm	115mm-	90101-12074-00
	M12	210mm	115mm-	90101-12069-00
	M12	220mm	115mm-	90101-12078-00
	M12	230mm	115mm-	90101-12070-00

\* Reference data

\*\* High tension bolts



## NUTS AND WASHERS

Description	Thread	Remark	Part Number
Standard Nut	M12		95380-12600
7mm Nut	M12		95380-12700
4mm Nut	M12		90170-12M28
Washer	M12	Small	90201-13M01
Washer	M12	Large	90201-12426

## TILT LIMITER

The tilt limiter will help improve customer satisfaction in applications where the top cowling would come in contact with the boat at full tilt. (Adjacent list shows applicable engine serial numbers) Check with your dealer for installation validation following owner manual instruction.

Model	Starting Serial Number	Tilt Limiter Kit
F50H	6C1-1047118-	6C5-825EY-00-00
F60F	6C5-1053953-	6C5-825EY-00-00
FT50J	6C2-1014367-	6C5-825EY-00-00
FT60G	6C6-1020951-	6C5-825EY-00-00
F70A	6CJ-1019836-	6C5-825EY-00-00
F80B	6D7-1014351-	6D8-825EY-01-00
F100F	All engine	63P-825EY-02-00
F100D	6D9-1020147-	6D8-825EY-01-00
F115A	68V-1124466-	63P-825EY-02-00
FL115A	68W-1005001-	63P-825EY-02-00
F115B	All engine	63P-825EY-02-00
FL115B	All engine	63P-825EY-02-00
F130A	All engine	63P-825EY-02-00
F150A	63P-1106291-	63P-825EY-02-00
FL150A	64P-1013389-	63P-825EY-02-00
F150D	All engine	63P-825EY-02-00
FL150D	All engine	63P-825EY-02-00
F175A	All engine	63P-825EY-02-00
F200F	All engine	63P-825EY-02-00
FL200F	All engine	63P-825EY-02-00
F200G	All engine	6CE-825EY-02-00
FL200G	All engine	6CE-825EY-02-00
F225F	6CL-1001428-	6CE-825EY-02-00
FL225F	6CM-1000253-	6CE-825EY-02-00
F250D	6CG-1003350-	6CE-825EY-02-00
FL250D	6CH-1000945-	6CE-825EY-02-00
F300B	6CE-1005964-	6CE-825EY-02-00
FL300B	6CF-1002506-	6CE-825EY-02-00
F300D	All engine	6CE-825EY-02-00
FL300D	All engine	6CE-825EY-02-00



## BulkParts

These can be ordered through the system under a single part number and are packed collectively per 50 pieces, not in individual packaging.

### SINGLE PART

Part Name	Qty	Part Number
PIN, DOWEL(663)	1	93603-21111-00
BALL	1	93503-16003-00
BALL	1	93501-04011-00
PIN, DOWEL B (6H3)	1	93603-18M09-00
OIL SEAL	1	93101-25M03-00
OIL SEAL (22X36X6-663)	1	93101-22067-00

### BULK PART

Part Name	Qty	Part Number
PIN, DOWEL(663)(50PCS)	50	6E9-WB045-00-00
BALL(50PCS)	50	6GK-WB049-00-00
BALL(50PCS)	50	4ND-WB050-00-00
PIN, DOWEL B (6H3)(50PCS)	50	62U-WB052-00-00
OIL SEAL(50PCS)	50	62U-WB056-00-00
OIL SEAL (22X36X6-663)(50PCS)	50	6J0-WB058-00-00

## Filters and Fuel Accessories



### FUEL FILTERS

Keeping your fuel clean really is an important issue where boating is concerned. Contaminated fuel affects performance and can increase the wear and tear on your engine. The trouble is that countless small dirt particles are already in the fuel before it gets anywhere near your boat - and that's where Yamaha Water Separating Fuel Filters come in. They are designed to be the most efficient systems available for removing dirt before it can enter the pumps and injection system. Without one of these, dirty, unfiltered fuel could block the internal fuel passages, causing the engine to run poorly - or even to fail.

Instead of the standard 35/27-micron filter, the Yamaha 10-micron filter will protect your engine by removing dirt, water and small foreign particles. These superior 10-micron filters are strongly recommended for all engines, especially HPDI and EFI models.

However, it's important to choose a fuel filter with the right capacity for your engine and to regularly maintain it, to avoid reduced performance and engine damage. A simple rule of thumb is to ensure that the litres-per-hour (LPH) of the filter is greater than that of the engine. This figure can be found in your owner's manual.

Remember, a filter that is too big or too good cannot cause problems, but one that is too small or dirty can restrict fuel flow, possibly resulting in engine failure.

### WHAT MAKES THIS FILTER UNIQUE:

This is the only filter on the market that is fully homologated. This is due to the metal bowl structure on the bottom of the filter. Making it fully fire proof gaining a Ce, ISO 10088 and ABYC standard. This means it can be used anywhere in the world. In addition the thread on top of the filter towards the mount is unique. This means that it can be only replaced with a YAMAHA genuine replacement filter.

These are 10 micron filters that will protect the engine from foreign particles. 10micron filters are far superior then standard offered marine filters

The flowrate is indicated on the filter itself and in the part number: So YMEFWS00180A is 180Liters/H YmeEFWS00360 is 360L/H and 620L/H flowrate wise. It is also printed on the filter itself.

Following this logic: Up to 115HP engines the 180 filter can be used. From 115 to XTO the 360 can be used. We recommend the 620 for heavy usage of the 300HP+ range

Part number	Part description
YMEFWS00180A	OB - FUEL WATER SEP S ASSY
YMEFWS00180E	OB - FUEL WATER SEP S ELEMENT
YMEFWS00360A	OB - FUEL WATER SEP M ASSY
YMEFWS00360E	OB - FUEL WATER SEP M ELEMENT
YMEFWS00620A	OB - FUEL WATER SEP L ASSY
YMEFWS00620E	OB - FUEL WATER SEP L ELEMENT
YMEFWS00SSPT	OB - FUEL WATER SEP SS PLATE
Fittings	
YMEFWSEFT06D	OB - ELBOW FITTING 06 MM
YMEFWSEFT08D	OB - ELBOW FITTING 08 MM
YMEFWSEFT10D	OB - ELBOW FITTING 10 MM
YMEFWSSFT06D	OB - STRAIGHT FITTING 06 MM
YMEFWSSFT08D	OB - STRAIGHT FITTING 08 MM
YMEFWSSFT10D	OB - STRAIGHT FITTING 10 MM



## GENUINE YAMAHA WATER SEPARATOR/FUEL FILTER:

Corrosion-resistant and specifically designed to fit into smaller areas.  
Recommended for outboards up to 70HP.

### Filter features:

- Manufactured from lightweight resin material.
- Comes with In & Out connectors (can be swapped)
- Clear bowl to allow easy checking of flow and filtering
- 10-micron filter element
- Fluid capacity of 60cc
- Water separation capacity of 99% or more



Water Separator Filter  
907-981M7-45-00



Water Separator Filter  
907-981M6-74-00



Water Separator Filter  
907-981M6-72-00

## WATER SEPARATOR FILTERS

Description	Horsepower	Part Number
Water Separator Filter	Up to 70HP	907-981M7-45-00
Water/Fuel Separator Filter 10-micron including connectors in 8/O8mm	Up to 175HP	907-981M6-74-00
Water/Fuel Separator Filter 10-micron including connectors in 10/O8mm	Up to 425HP	907-981M6-72-00
Replacement filters:		
Replacement Filter 10-Micron (including new O-ring) - Up to 70HP		907-94469-14-00
Replacement Filter-10 Micron - For 175HP up to 425HP		907-94469-13-00

## SPARE PARTS FOR 907-981M6-72-00 AND 907-981M7-42-00

Description	Part Number
Elbow fitting 8MM	907-981M7-62-00
Plug, O-ring	907-981M7-63-00
Case set, Float	907-981M7-64-00
O-ring, Hose Nipple (10 mm)	907-981M7-65-00
O-ring, Hose Nipple (8 mm)	907-981M7-66-00



## SPARE PARTS FOR 907-981M7-45-00

Description	Part Number
Connector Gasket, Nipple OUT	907-981M7-67-00
Connector Gasket, Nipple IN	907-981M7-68-00
O-ring, Plug	907-981M7-69-00
Float, O-ring, Drain Cap, Case	907-981M7-70-00



## FILTER REPLACEMENT FOR THE SPIN ON PARKER FILTERS TYPE: S3240, S3227 AND S3232

Description	Part Number
Replacement element for filter kit between 50hp and 115hp	YME-2E114-00-00
Replacement element for filter kit over 115hp	YMM-2E227-01-00
Replacement element for filter kit for twin engine installation or professional use	YME-2E341-01-00

(Note: A filter is never "too big". A larger filter will last longer than one which is "just large enough")



Replacement filters

## CROSS REFERENCE COMPATIBILITY CHART \*

Part number	Part name	Yamaha Flow rate	Parker/Racor NR	Sierra nr	Baldwin Nr	Quicksilver	HiFi	Mallory	Osculati	Trem
YME-2E114-01-00	OB - Element SEP 50HP 115HP	114 Liters per hour	S3240 or R12T	18-7947	BF1380-O	8M6013847	BE 924010			
YME-2E227-02-00	OB - Element SEP 115HP and UP	340 Liters per hour	S3227	18-7948	BF46028-O	8M0154764	BE 922710	9-37810	17.664.21	N0114865
YME-2E341-02-00	OB - Element SEP Professional	340 Liters per hour	S3232	18-7949	BF46030-O		BE 923210			

\* We made this chart with great care but always check with the latest information in the market

## Fuel Tanks and Accessories

### P&A FUEL TANK:

We only offer the best fuel tank for the market as there is no compromise on fuel safety. All our fuel tanks we offer are from the highest quality and follow the OEM regulations. To assure secure first fitment, the tanks are pre installed with the Yamaha fuel connector for plug and play usage.

Description	Part Number
Yamaha branded 12 liter plastic tank including a Yamaha fuel connector (length 363mm x width 265mm x height 230mm)	6YL-24201-07-0Q
Yamaha branded 25 liter plastic tank including a fuel indicator and Yamaha fuel connector (length 536mm x width 362mm x height 233mm)	6YK-23201-05-0Q
<b>New for 2026</b>	
11,4 liter under seat tank (length 363mm x width 265mm x height 230mm)	TBA
22,7 liter under seat tank	TBA
34L Topside plastic fuel tank	TBA
45L Topside plastic fuel tank	TBA
45L Low plastic fuel tank	TBA
45L Low plastic fuel tank	TBA



### FUEL CAP:

Description	Part Number
12/25L	6YK-24610-10

### FUEL PICKUP:

Description	Part Number
12 litres	97951-24261-0Q
25 liters	97951-24262-0Q
<b>New for 2026</b>	
26 litres with fuel indicator	YME-08488-00-01



### YAMAHA FUEL TANK CONNECTOR:

Description	Part Number
1/4"(6mm) Yamaha Fuel Connector	

### FACTORY TANK:

For parts related to Factory Tank see YPEC for details

### FUEL CAP:

Description	Part Number
12 litre tank without indicator	6YK-24610-10-00
24 litre tank without indicator	6YJ-24610-01-00



### FUEL PICKUP:

Description	Part Number
12 litres	6YL-24260-10-00
24 litres w/o Indicator	6YJ-24260-11-00
24 litres with inidcator	6Y1-24260-30-00



### JERRY CAN:

Description	Part Number
5 litre Jerry can	YMM-5LTRE-00-11
No-spill spout for 5 litre Jerry can	YMM-NSPSP-T0-00
1 litre Jerry can	YMM-10LTR-E0-10



## FUEL PIPE JOINT (FEMALE):

Description	Part Number
For 6mm OM side	6G1-24305-05-00
For 6mm Tank side	6Y1-24305-06-00
For 8mm OM side	6E5-24305-06-00
For 8mm Tank side	6Y2-24305-06-00



## FUEL PIPE JOINT (MALE):

Description	Part Number
For 6mm	6G1-24304-10-00
For 8mm	6E5-24304-20-00



## PRIMARY PUMP:

Description	Part Number
For 6mm (plastic)	6Y1-24360-52-00
For 8mm (plastic)	6Y2-24360-52-00
6mm F4B/F5A/F6C (under the cowl)	6BX-24360-00-00
8mm (Aluminium) 80-175hp	6YK-24360-73-00
8mm (Aluminium) 200-425hp	6AW-24360-02-00



## FUEL HOSE:

Description	Part Number
6 x 6mm 15m of A1 marine fuel hose. Iso and CE certified.	YME-FH06X-13-15
8 x 16mm 15m of A1 marine fuel hose. Iso and CE certified.	YME-FH06X-16-15
Description	Part Number
6 x 6mm 30m of A1 marine fuel hose. Iso and CE certified.	YME-FH06X-13-MM
8 x 16mm 30m of A1 marine fuel hose. Iso and CE certified.	YME-FH08X-16-MM
10 x 18mm 30m of A1 marine fuel hose. Iso and CE certified.	YME-FH10X-18-MM



## FUEL PIPE COMPLETE:

Description	Part Number
6mm, 3m, both ends with joint	6Y1-24306-55-00
6mm, 3m, with one joint	6Y4-24306-85-00
8mm, 3m, both ends with joint	6Y2-24306-56-00
8mm, 3m, with one joint	6Y2-24306-45-00
6mm, 3m, Permanent Sealed, both ends with joint	6YL-24306-54-00
8mm, 3m, Permanent Sealed, with one joint	6YK-24306-44-00



Note : Fuel pipes and related parts presented in this section are intended for portable use only.



## Other Rigging & Accessories



### ELECTRONIC COOLING WATER PRESSURE SENSOR

Enables the cooling water pressure to be displayed on the 6Y8 tachometer and 6Y9 colour display.

F30 to F115	60V-8A4L0-1B-00
F150 and up	69J-8A4L0-16-00



### ELECTRONIC SPEED SENSOR KIT

Enables speed information to be displayed on the 6Y8 tachometer and 6Y9 colour display.

F30 to F300 (V6)	60V-8A4L1-1C-00
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### ELECTRIC STARTER KIT FOR F6A/F8/FT8/F9,9/FT9,9/F25G

Convert a manual start engine into electric start. F25G M Model needs the rotor to be replaced with a rotor with starter gear. F8F/FT8G/F9,9J/FT9,9L/F25G require Rectifier/Regulator which needs to be ordered separately.

F6A/F8C/FT8D	6DR-W8180-04-00
F8F/FT8G/F9,9J/FT9,9L	6DR-W8180-04-00
F25G	6FM-W8180-05-00

(Rectifier/Regulator is included in kit for F25G)



### FUSE CARTRIDGES

Amps	Part Number
50	63P-82151-00-00
60	6P2-82151-00-00
80	61A-82151-00-00
100	6CE-82151-00-00



### TRANSOM MOUNTED MULTI-SENSOR

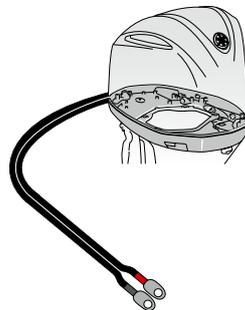
6Y9-83688-00-00



### LIGHTING COIL KIT FOR F4B/F5A/F6C

Allows electrical power to be drawn from the engine.

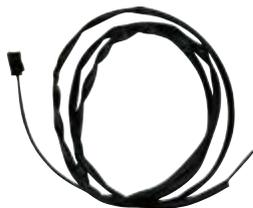
6EE-762A0-00-00



### ENGINE BATTERY CABLE

Used to connect Yamaha Outboard Motors to 12V batteries.

Description	Part Number
F40/F(T)50 - F(T)60	6C5-82105-02-00
F40/F70	6C5-82105-U2-00
F75/F80/F100/F115	68V-82105-J2-00
F150	63P-82105-01-00
F150/F175/F200	6DA-82105-02-00
V6 3.3L	6P2-82105-03-00
V6 4.2L 6CE	6CB-82105-03-00
V6 4.2L 6KA	6KA-82105-00-00
F350A	6AW-82105-02-00
XTO	6GR-82105-02-00



### BATTERY ISOLATOR LEADS

Allows the starter battery to be charged first, when other (house) battery is being used for onboard accessories.

Description	Length	Part Number
F150-F200	2.7m	68F-81949-03-00
	3.8m	69J-81949-03-00
F225-F300 V6	3.8m	6KW-81949-00-00
XTO	3.8m	6GR-762W0-00-00

### BATTERY CABLE (FOR BATTERY CHARGING)

Allows electrical power to be drawn from the engine. This battery cable is for battery charging only - not suitable for the starter motor. F9.9J/FT9.9L require a Rectifier/Regulator.

Description	Part Number	QTY
Battery Cable	68T-81949-00-00	1
Fuse (10A-BL)	67F-82151-40-00	2
Stay, Fuse Box	68T-82171-01-00	1
Puller, Fuse	67F-2812A-00-00	1
Washer	92990-06600-00	1



### YAMAHA BATTERY BOXES BLACK

Size	Max Battery Size	Part Number
Small max 90ah	L 285mm x W 190mm x H 240mm	YN0-13812-0Y-00
Large max 140ah	L 410mm x W 200mm x H 250mm	YN0-14125-0Y-00

## BATTERY SWITCHES \*NEW FOR 2026

These heavy-duty battery cut-off switch is designed for 12V DC and 24V DC electrical systems. The range supports a maximum cranking current of from 500-1000A 12V DC for up to 5 seconds and a continuous load current of 100A-450A 12V DC depending on the switches.

Compatibility: Suitable for all YAMAHA OE engines.

Description	Part Number	IP Rate	Uni/Bi polar	Max cranking Amp (CCA)	Max cont. Current
OB HEAVY DUTY SWITCH 100A 500A	YME-HD500-A0-00	N/A	Uni Polar	500 (12V)	100 (12V)
OB HEAVY DUTY SWITCH 100A 1000A	YME-HD100-0A-00	N//A	Uni Polar	1000 (12V)	100 (12V)
SPARE KEY	6FM-SSK00-00-0M	N/A	N/A	N/A	N/A
OB HD SWITCH 300A BLACK	YME-HDSBL-C3-00	65	Uni Polar	1000 (12V)	300 (12V)
OB HD SWITCH 300A RED	YME-HD300-A0-00	65	Uni Polar	1000 (12V)	300 (12V)
MASTER BATTERY SWITCH 450A	YME-MBS25-00-00	65	Bi Polar	2500 (24V)	450 (24V)
OB MINI MASTER BATTERY SWITCH	YME-MM300-A0		Uni Polar	1000 (12V)	300 (12V)
ELECTRICAL SWITCH BRACKET	YME-ESB70-44-61	N/A	N/A	N/A	N/A



## Battery Chargers

Unique battery charging technology: Fully automatic switch mode charger that analyses the state of the battery, charges and automatically switches to maintenance charging when ready. Includes battery testing, fault detection and float maintenance. Always ensuring a full charge to prolong battery life time.

Designed for safety: Spark-free, protected from reverse polarity connections and short-circuit proof.

Light and compact: Easy to store and handle.

Yamaha Approved: Tested and approved by Yamaha service engineers to fit and work perfectly with the Yamaha Outboards range.

Quick connection: Combine it with YEC quick connectors - the Built-in Panel Plug, Charger Indicator and Indicator Panel 150 - for reading the charge condition of your battery and/or for easier access between your Yamaha's battery and the YEC-9 or YEC-50 charger.

### Battery Charger

	Part Number
1 - YEC-9: 6-step charger that can charge the battery of your Yamaha outboard.	YME-YEC09-EU-20
2 - YEC-50: 8-step charger that can charge the battery of your Yamaha outboard.	YME-YEC50-EU-20
3 - Flushmount charge indicator	YME-YECIP-15-10
4 - Charge indicator cable	YME-YECPL-05-10



## BATTERY CHARGER CTEK CS ONE

Charger for all types of batteries. New durable design to make it easy to handle, with unique mounting system on the back for quick connection to CS accessories. It can be left safely connected for long periods during maintenance charging.

Recond option to restore and recondition lead-acid batteries. 12V supply to support the battery during service work and retain contact power to the vehicle during battery replacement / removal. Wake up option to revive seemingly dead lithium and lead-acid batteries. Advanced settings to monitor charger voltage & amperage

Description	Part Number
CTEK CS ONE EU	YME-YEC01-EU-00
CTEK CS ONE UK	YME-YEC01-UK-00





# GENUINE YAMAHA PROPELLERS

## SDS PROPELLERS

Yamaha's patented Shift Dampener System (SDS) propellers have been designed to provide 'clunk free' shifting.

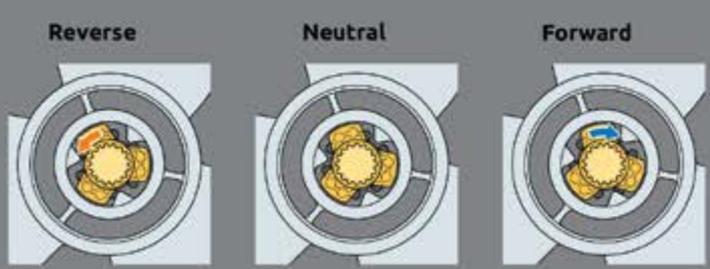
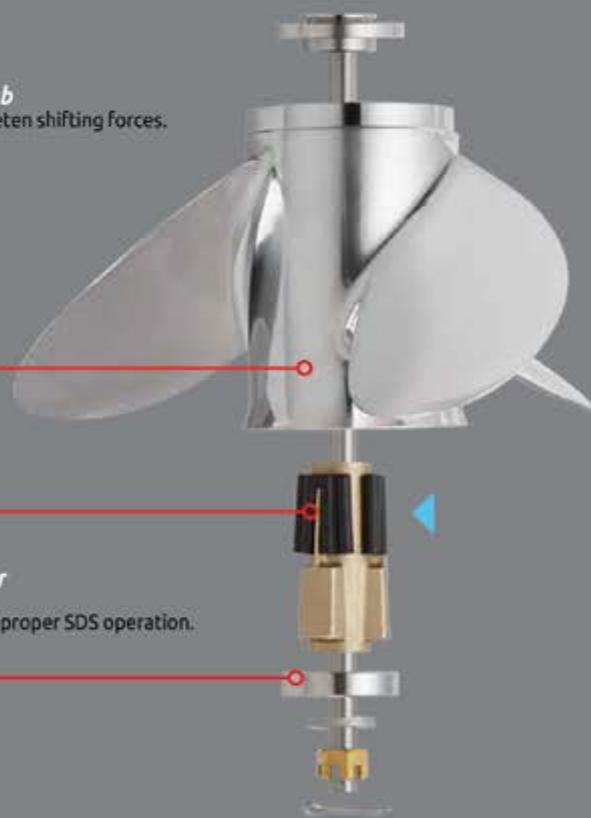
The system utilises a specially designed splined rubber hub and spacer to absorb the force transferred to the gear box and propeller when the engine is shifted into forward or reverse. This results in quieter and smoother shifting.

Available for T60 - XT425 outboard models.



*Splined Rubber Hub*  
Helps cushion and quieten shifting forces.

*Splined Aft Washer*  
Specially designed for proper SDS operation.



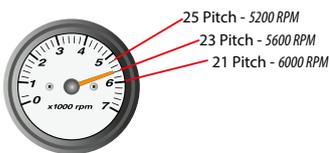
## Propellers and Propeller Accessories



## Propeller Information

### THE PROPELLER MAKES ALL THE DIFFERENCE.

If you haven't tried one of Yamaha's comprehensive range of propeller solutions, you're not getting the most out of your outboard. In fact, the right Yamaha propeller can maximize your outboard's acceleration, top speed, fuel economy and lifespan, all while providing a quieter ride and better handling. No matter what your application, there's a genuine Yamaha propeller that can help you achieve peak performance.

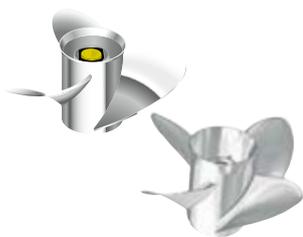


### PITCH

Pitch is the 'theoretical' distance (in inches) a propeller would travel in one full revolution, if it were travelling through solid matter. A prop with low pitch will deliver better acceleration/hole shot and pushing power but a lower top speed, while a higher pitch prop will provide less thrust, but with a higher top speed. The correct propeller will allow your engine to reach the upper portion of the W-O-T range specified by the manufacturer with a normal-to-heavy load, but without exceeding it. Each inch of pitch is equal to approximately 150 +/- 50 RPM.

### DIAMETER

Diameter means the total width of the "circle" at the blade tips as the propeller spins. Larger diameter props push more water and reach deeper down into the water, so they're typically used on large, heavy boats or ones with higher-placed engine mountings. A smaller diameter prop is usually used on lighter boats, where the prop operates closer to the surface of the water - or when you need a higher engine RPM.

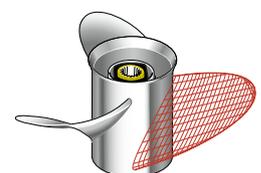


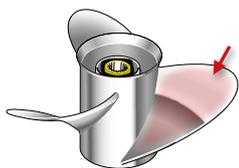
### NUMBER OF BLADES

Three-bladed propellers are the most common, offering good overall performance, top speed, and efficiency for most applications. While a four-bladed prop will provide increased bow and stern-lift and reduce prop ventilation, this normally means more drag on the engine, resulting in lower top speeds and different handling characteristics.

### BLADE GEOMETRY

Blade geometry refers to the actual shape of the blade (or ear). By manipulating the blade's shape, diameter and pitch progression, different performance characteristics can be created for each different type and style of propeller.



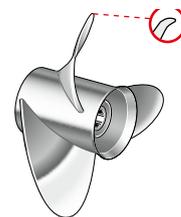


## BLADE SURFACE AREA

Blade surface area refers to the total surface of the blades. The greater the blade surface area, the more water the prop pushes, for better hole shot and increased planing efficiency. However, too much blade area can create significantly more drag, potentially restricting engine RPM and causing negative boat-handling issues.

## CUP

Cup is the small curved lip on the blade tip and/or trailing edge. Used in proper amounts, cup helps reduce ventilation and propeller slippage, allowing for higher engine mounting and greater bow lift. However, too much cup may cause excessive steering torque and bow lift - and limit the engine's ability to develop and maintain proper RPM at a certain pitch.

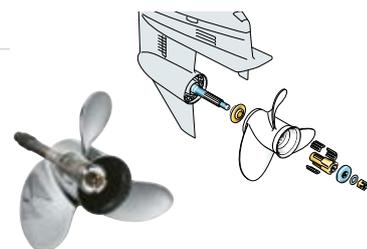


## RAKE

Rake is the angle of the blade in relation to the propeller's barrel, or centre, and is expressed in degrees. A high rake propeller is best suited to applications where the engine is mounted high, to help reduce ventilation and increase bow lift. However, too much rake can strain the engine, decrease hole shot and produce negative performance and handling results. A propeller with a low rake angle will cause less strain on the engine, resulting in potentially better hole shot and higher operating rpm at W-O-T.

## SDS - SHIFT DAMPENER SYSTEM

Reducing the annoying shift shock and noise normally associated with moving between gears, Yamaha's unique Shift Dampening System (SDS) uses a splined aft washer and a splined rubber hub to absorb noise and vibration. This carefully engineered solution brings smoother, quieter gear shifts.



## Propeller Series

### ALUMINUM/PLASTIC SERIES

Offering Yamaha design, quality and performance in a low-cost, lightweight propeller. This is a good all-around choice for your Yamaha outboard. Available in a wide variety of sizes and pitches for Yamaha outboards between 2 and 225 horse power, in right-hand and select left-hand rotation.



### DUAL THRUST SERIES

Specially designed for sailboats and other large-displacement craft, Yamaha's patented Dual Thrust propellers are built to handle the job of pushing heavy loads through water. The hub is carefully designed to redirect exhaust flow away from the blades, so Dual Thrust models cut through "clean water" for higher efficiency and better acceleration. It is recommended that you contact an authorised Yamaha Dealer for advice on installation.



### TALON GP SERIES (WITH SDS)

Designed for outboards from F70 to F130. Our Talon – SDS propeller with our exclusive Shift Dampener System (SDS™) brings a better top speed while offering a comfortable ride. The smooth shifting and quiet, in-gear operation, even at trolling speeds, will be particularly beneficial on smaller, in-line outboards.





## TALON SERIES (WITH SDS)

Specially engineered to reduce ventilation and enhance bow lift, Yamaha's TALON aluminum 3-bladed propellers offer excellent holding power in turns, with enhanced "grip" for improved control. In addition, they feature better overall performance and greater cruising efficiency in a planed trim position than conventional 3-bladed aluminum propellers. TALON props are especially effective on mid-sized deep- and mod-V aluminum boats, particularly in applications with the potential for aerated water beneath the boat. The Yamaha SDS mechanism is integrated to reduce shifting vibration and noise. Can be used with standard spacer.



## K SERIES TALON STAINLESS STEEL (WITH SDS)

K-Series Talon Stainless Steel SDS propellers combine quiet, clunk-free shifting and smooth in-gear operation (even at low speeds) with a high-performance, good looking stainless steel propeller – a first for mid-range horsepower outboards. Now, medium-sized Aluminium, FRP and RIB boats using Yamaha's F70 up through to the all-new F130A can enjoy the unbeatable combination of smooth and quiet operation with great all-around performance. Just as the Talon Aluminium series, this SDS hub system requires no special hardware to operate.



## BLACK STAINLESS STEEL SERIES

An excellent general-purpose choice, these props are made from stainless steel, with a cost-effective black paint coating, allowing for a blade that is thinner, more efficient and more durable than an aluminum propeller. Available in a wide variety of sizes and pitches for Yamaha outboards between 25 and 300 horse power, in right-hand and select left-hand rotation.



## RELIANCE SERIES

Reliance is CAD-designed to increase performance. Designed primarily for use with Yamaha's F150 and F200 in-line 4 outboards, it also provides excellent all-around performance. Faster at all RPM ranges and having better anti-ventilation characteristics (grip) in most applications than Yamaha's proven Black Stainless Steel props, Reliance Series props are highly-polished stainless steel, featuring impressive cast-in naming on the barrel and excellent corrosion resistance. Now available with Yamaha's exclusive Shift Dampener System (SDS).



## SALTWATER SERIES II

A powerful choice for today's larger offshore boats, Saltwater Series II propellers are a highly-polished, larger diameter design. Aggressive rake and extra cupping on the blades provide superior midrange fuel efficiency, along with excellent anti-ventilation characteristics. For offshore fishermen, that translates to longer cruising range and better handling in rough seas. Also available with the Yamaha Shift Dampener System (SDS).



## SALTWATER SERIES HS4

A polished stainless steel propeller with 4 blades, for certain V6 4-stroke engines. Compared with the conventional 3-bladed propeller, the 4-blade configuration has a larger blade surface area, which can catch much more water and obtain higher thrust performance. As a result, this propeller will obtain better acceleration and be more stable in operation under rough water. However, top speed performance is generally slightly less than a 3-blade design. L/H rotation propellers are available.

## VMAX SHO SERIES

This stainless-steel, three-blade propeller features an ultra-high-performance ventless design single-inch pitches. This allows you to fine tune the performance of our four-stroke V MAX SHO.



## SALTWATER SERIES XL

A propeller designed for the F350A and F300D Yamaha outboards models. Designed to harness the awesome power of these engines and convert it into massive amounts of thrust, Saltwater XL propellers have more diameter and 21% more blade area than even our largest Saltwater Series II propellers. This helps the engine to generate up to 45% more thrust than other 250hp- class outboards, and provides large offshore boats with plenty of power to plane quickly, as well as great acceleration and top-end speed. (Note: deduct two inches of pitch for same or similar performance when converting non-SDS XL propellers to SDS- equipped Saltwater Series XL propellers.)



## SALTWATER SERIES XL4 AND XL4-HP

Designed for Yamaha's F3000D and F350A outboards, this 4 bladed prop offers incredible thrust and quick-on-the-plane capability, yet with quiet and smooth operation thanks to Yamaha's unique SDS Shift Dampener System. Two XL4 prop types are available: XL4 (15" and 17") designed for very large, heavy offshore boats - and the XL4-HP (22" and 24") designed for lighter, high-performance multi-engined offshore boats.



## XTO OS PROPELLERS

With diameters from 16 to 17 1/8 inches and increased blade surface, XTO OS™ propellers are engineered to complement the torque potential of our V8 XTO Offshore™ outboard on 50-foot-plus boats. Features our patented, Shift Dampener System (SDS) for a smoother ride.



## XTO EC PROPELLERS

This stainless-steel, three-blade propeller is designed exclusively for specific Yamaha XTO Offshore® applications where ventilation is a concern. With diameters up to 16 7/8", pitches from 17 to 25, and a blade surface with an extra trailing edge cup, it provides better grip and minimize ventilation.



## Selection guide by model

### ALUMINUM SERIES

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
2A/2B/2C	6A1-45943-00-00	7 1/4	4	3	A	RH	
	646-45944-01-00	7 1/4	4 1/2	3	A	RH	
	6F8-45942-01-00	7 1/4	5	3	A	RH	
	646-45942-01-00	7 1/4	5 1/2	3	A	RH	
F2,5A 3A	6L5-45949-00-00	7 1/4	5	3	BS	RH	
	6L5-45952-00-00	7 1/2	5 1/2	3	BS	RH	
	6L5-45943-00-00	7 1/4	6	3	BS	RH	
	6L5-45945-00-00	7 1/4	7 1/4	3	BS	RH	
4A / 5C (--1991)	644-45941-01-00	7 1/4	5	3	B	RH	
	654-45941-01-00	7 1/4	6 1/2	3	B	RH	
	6E0-45943-09-00	7 1/2	7	3	B	RH	
	6E0-45941-09-00	7 1/2	8	3	B	RH	
F4A / F4B / F5A / F6C 4A / 5C (1992--)	6E0-45947-00-00	7 1/4	8 1/4	3	B	RH	
	6E0-45949-00-00	7 1/4	6 1/2	3	BA	RH	
	6E0-45943-01-00	7 1/2	7	3	BA	RH	
	6E0-45941-01-00	7 1/2	8	3	BA	RH	Spline engagement
6A / 6B / 8A / 8B / E8D	6E0-45952-00-00	7 1/4	8 1/4	3	BA	RH	
	6E0-45954-00-00	7 1/2	9	3	BA	RH	
	655-45949-00-00	7 1/4	5	3	C	RH	
	655-45947-01-00	9	5 3/4	3	C	RH	
F6A / F8C / F9,9F / F9,9J 6C / 8C	655-45945-00-00	9	6 1/2	3	C	RH	
	647-45943-00-00	9	7	3	C	RH	
	655-45943-00-00	9	7 1/2	3	C	RH	
	647-45947-00-00	9	9	3	C	RH	
F8B / F9,9B / F9,9C / F15A / F15C 9,9D / 15D / 9,9F / 15F	647-45941-00-00	9 1/4	9 1/4	3	C	RH	
	6G1-45947-00-00	8 1/2	6 1/2	3	N	RH	
	6G1-45943-00-00	8 1/2	7 1/2	3	N	RH	
	6G1-45952-00-00	8 1/2	8	3	N	RH	
F8B / F9,9B / F9,9C / F15A / F15C / F20B / 9,9D / 15D / 9,9F / 15F	6G1-45941-00-00	8 1/2	8 1/2	3	N	RH	
	6G1-45954-00-00	8 1/2	9 1/4	3	N	RH	
	683-45949-00-00	9 1/2	6 1/2	3	J	RH	
	63V-45947-00-00	9 1/4	8	3	J	RH	
F25A / F25D / F25G 20C / 20D / 25B / 25D / 25N / 25V / 30A / 30D / 30G	683-45943-00-00	9 1/4	10 1/2	3	J	RH	
	683-45941-00-00	9 1/4	12	3	J	RH	
	63V-45945-10-00	9 1/4	9	3	J1	RH	
	63V-45952-10-00	9 1/4	10	3	J1	RH	
F30A / F30B / F40A / F40B / F40F / F50A / F50F / F50H / F60A / F60C / F60F 40H / 40V / 40Q / 40X / 50D / 50G / 50H / PRO 50 / 55B	63V-45943-10-00	9 1/4	11	3	J1	RH	
	63V-45941-10-00	9 1/4	12	3	J1	RH	
	664-45943-01-00	9 7/8	8	3	F	RH	
	664-45941-01-00	9 7/8	9	3	F	RH	
G-series all-rounder	62C-45941-00-00	9 7/8	10	3	F	RH	
	664-45945-00-00	9 7/8	10 1/2	3	F	RH	
	664-45947-01-00	9 7/8	11 1/4	3	F	RH	
	664-45954-01-00	9 7/8	12	3	F	RH	
G-series commercial & durable propeller	664-45949-02-00	9 7/8	13	3	F	RH	
	664-45952-00-00	9 7/8	14	3	F	RH	
	63D-45941-00-00	12 1/4	8	3	G	RH	
	663-45956-01-00	12 1/4	9	3	G	RH	
G-series for light boat	663-45954-01-00	11 3/4	10	3	G	RH	
	663-45958-01-00	11 1/4	14	3	G	RH	
	663-45949-01-00	10 3/4	16	3	G	RH	
	69W-45947-00-00	11 5/8	11	3	G	RH	
G-series for light boat	69W-45952-00-00	11 3/8	12	3	G	RH	
	69W-45945-00-00	11 1/8	13	3	G	RH	
	69W-45958-00-00	11 1/4	14	3	G	RH	
	69W-45943-00-00	11	15	3	G	RH	
G-series for light boat	6H5-45952-00-00	10 5/8	12	3	G	RH	
	6H5-45945-00-00	10 3/8	13	3	G	RH	
	6H5-45958-00-00	10 1/4	14	3	G	RH	
	6H5-45943-00-00	10	15	3	G	RH	

## ALUMINUM SERIES

	6E5-45954-00-00	14	11	3	K	RH	
	6E5-45949-00-00	13 5/8	13	3	K	RH	
F70A / F80A / F80B / F100A / F100D / F100F / F115A / F115B	6E5-45958-00-00	13 5/8	14	3	K	RH	
	6E5-45947-00-00	13 1/2	15	3	K	RH	
60F / 70B / 75A / 75C / PRO75 / 80A / 85A / 90A / 100A / PRO V 100 / 115A / 115B / 115C / 130A / 130B / 140A / 140B / 140C	6E5-45945-01-00	13 1/4	17	3	K	RH	
	6E5-45941-00-00	13	19	3	K	RH	
	6E5-45943-00-00	12 5/8	21	3	K	RH	
	6E5-45952-00-00	13	23	3	K	RH	
	6E5-45956-00-00	13	25	3	K	RH	
F150A / F150D / F175A / F200A / F200C / F200F / F200G	6G5-45941-00-00	15 1/4	15	3	M	RH	
	6G5-45952-00-00	14 5/8	16	3	M	RH	
150A / 150C / 150F / Z150P / 175A / 175B / 175D / Z175G / 200A / 200B / 200F / Z200N	6G5-45947-01-00	14 1/2	17	3	M	RH	
	6G5-45945-01-00	14	19	3	M	RH	
	6G5-45943-01-00	13 3/4	21	3	M	RH	
	6G5-45949-00-00	13 1/2	23	3	M	RH	
FL150A / FL150D / FL200C / FL200F / FL200G / L150A / L150C / L150F / LZ150P / L200A / L200B / L200F / LZ200N	6K1-45947-00-00	14 1/2	17	3	ML	LH	
	6K1-45945-00-00	14	19	3	ML	LH	

## DUAL THRUST SERIES (ALUMINUM)

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
6C / 8C	6G1-W4592-00-00	9	5	3	N	RH	
F6A / F8C / F9,9F / F9,9J	6G1-W4591-01-00	9	7	3	N	RH	
F8B / F9,9B / F9,9C / F15A / F15C / F20B	683-W4592-02-00	9 3/4	6 1/2	3	J	RH	
9,9D / 15D / 9,9F / 15F	683-W4591-02-00	9 3/4	8	3	J	RH	
FT8D / FT9,9A / FT9,9D / FT9,9G / FT9,9L	69G-45941-00-00	11 3/4	5 3/4	3	R	RH	
	69G-45943-00-00	11 3/4	7	3	R	RH	
	6G8-45947-00-00	11 3/4	9 1/4	3	R	RH	
F25A/G	6J8-W4591-00-00	10 5/8	8 1/4	3	F	RH	
FT25B / FT25F	68U-45941-00-00	12 1/4	9	3	G	RH	
FT50B / FT50C / FT50G / FT50J / FT60B / FT60D / FT60G	68S-45941-00-00	14	11	3	K	RH	

## TALON GP SERIES - SDS (ALUMINUM)

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
	6FP-45941-00-00	13 5/8	14	3	K	RH	
	6FP-45943-00-00	13 1/2	15	3	K	RH	
F70A / F80A / F80B / F100A / F100D / F100F / F115A / F115B / F130A	6FP-45945-00-00	13 1/4	16	3	K	RH	
	6FP-45947-00-00	13 1/8	17	3	K	RH	
	6FP-45949-00-00	13	18	3	K	RH	

## TALON SERIES (ALUMINUM)

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
60F / 70B / 75A / 75C / PRO75 / 80A / 85A / 90A / 100A / PRO V 100 / 115A / 115B / 115C / 130A / 130B / 140A / 140B / 140C	6EK-45941-00-00	13 1/2	9	3	K	RH	
	6EK-45943-00-00	13 1/2	10 1/2	3	K	RH	
	6EK-45945-00-00	13 1/2	12	3	K	RH	
F70A / F80A / F80B / F100A / F100D / F100F / F115A / F115B	6EK-45947-00-00	13 1/2	14	3	K	RH	
	6EK-45949-00-00	13 1/2	16	3	K	RH	

# Propellers

## K SERIES TALON STAINLESS STEEL (WITH SDS)

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
F70A / F80B / F100D / F100F / F115A / F115B / F130A	6N7-45970-00-00	13 1/8	14	3	K	RH	
	6N7-45972-00-00	13 1/8	16	3	K	RH	
	6N7-45974-00-00	13 1/8	18	3	K	RH	
	6N7-45976-00-00	13 1/8	19	3	K	RH	
	6N7-45978-00-00	13 1/8	20	3	K	RH	
	6N7-45930-00-00	13 1/8	22	3	K	RH	
	6N7-45932-00-00	13 1/8	24	3	K	RH	
FL115A/B	6N4-45970-00-00	13 1/8	14	3	K	LH	
	6N4-45972-00-00	13 1/8	16	3	K	LH	
	6N4-45974-00-00	13 1/8	18	3	K	LH	
	6N4-45978-00-00	13 1/8	20	3	K	LH	

## BLACK STAINLESS STEEL SERIES

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
F30A / F30B / F40A / F40B / F40F / F50A / F50F / F50H / F60A / F60C / F60F / 40H / 40V / 40Q / 40X / 50D / 50H / 50G / PRO50 / 55B	663-45972-60-00	12	11	3	G	RH	
	663-45970-60-00	11 3/4	12	3	G	RH	
	663-45974-02-00	10 5/8	13	3	G	RH	
	663-45974-60-00	11 1/2	13	3	G	RH	
	663-45930-00-00	10 1/4	14	3	G	RH	
	663-45976-00-00	10 1/4	15	3	G	RH	
	663-45978-00-00	10 1/4	16	3	G	RH	
F70A / F80A / F80B / F100A / F100D / F100F / F115A / F115B / 60F / 70B / 75A / 75C / PRO75 / 80A / 85A / 90A / 100A / PROV100 / 115A / 115B / 115C / 130A / 130B / 140A / 140B / 140C	688-45932-60-00	13 1/2	14	3	K	RH	
	688-45978-60-00	13 1/2	16	3	K	RH	
	688-45930-02-00	13	17	3	K	RH	
	688-45970-03-00	13	19	3	K	RH	
	688-45972-02-00	13	21	3	K	RH	
	688-45974-02-00	13	23	3	K	RH	
	688-45976-01-00	13	25	3	K	RH	
FL115A / FL115B / L130A / L130B / L140B / L140C	6L6-45930-01-00	13	17	3	KL	LH	
	6L6-45970-00-00	13	19	3	KL	LH	
	6L6-45972-00-00	13	21	3	KL	LH	
F150A / F150D / F200A / F200C / F225A / F225B / F250A / F250B / 150A / 150C / 150F / Z150P / 175A / 175B / 175D / Z175G / 200A / 200B / 200F / Z200N / 220A / 225A / 225B / 225D / 250A / 250B / 250G / Z250D	6G5-45932-00-00	15 3/4	13	3	M	RH	
	6G5-45970-02-00	15 1/4	15	3	M	RH	
	6G5-45978-03-00	13 3/4	17	3	M	RH	
	6G5-45974-03-00	13 3/4	19	3	M	RH	
	6G5-45972-02-00	13 3/4	21	3	M	RH	
	6G5-45976-01-00	13 3/8	23	3	M	RH	
	6G5-45930-00-00	13 3/8	25	3	M	RH	
FL150A / FL150D / FL200A / FL200C / FL225A / FL225B / FL250A / FL250B / L150A / L150C / L150F / LZ150P / L200A / L200B / L200F / LZ200N / L250A / L250B / L250G / LZ250D	6K1-45970-01-00	15 1/4	15	3	ML	LH	
	6K1-45978-02-00	13 3/4	17	3	ML	LH	
	6K1-45974-02-00	13 3/4	19	3	ML	LH	
	6K1-45972-01-00	13 3/4	21	3	ML	LH	
	6K1-45976-00-00	13 3/8	23	3	ML	LH	

## RELIANCE SERIES

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
F150A / F150D / F175A / F200A / F200C / F200F / F200G / F225A / F225B / F225C / F225F / F250A / F250B / F250D / F300B	68F-45932-20-00	14 1/2	13	3	M	RH	
	68F-45930-20-00	14 1/2	14	3	M	RH	
	68F-45970-20-00	14 1/2	15	3	M	RH	
	68F-45972-20-00	14 1/4	17	3	M	RH	
	68F-45978-20-00	14 1/4	18	3	M	RH	
	68F-45974-20-00	13 3/4	19	3	M	RH	
	68F-45976-20-00	13 3/4	21	3	M	RH	
FL150A / FL150D / FL200A / FL200C / FL200F / FL200G / FL225A / FL225B / FL225F / FL250A / FL250B / FL250D / FL300B	68G-45930-20-00	14 1/2	14	3	ML	LH	
	68G-45970-20-00	14 1/2	15	3	ML	LH	
	68G-45972-20-00	14 1/4	17	3	ML	LH	
	68G-45978-20-00	14 1/4	18	3	ML	LH	
	68G-45974-20-00	13 3/4	19	3	ML	LH	
	68G-45976-20-00	13 3/4	21	3	ML	LH	

SDS spacer (688-45997-01-00) required for 68F/68G SDS propellers.

## SALTWATER SERIES II

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
V6 - 3.3L / 4.2L / 4.3L	6CE-45930-20-00	15 3/4	13	3	T	RH	
	6CE-45D70-20-00	15 3/4	14	3	T	RH	
	6CE-45976-20-00	15 3/4	15	3	T	RH	
	6CE-45938-20-00	15 1/2	16	3	T	RH	
	6CE-45978-20-00	15 1/2	17	3	T	RH	
	6CE-45934-20-00	15 1/4	18	3	T	RH	
	6CE-45970-20-00	15 1/4	19	3	T	RH	
	6CE-45932-20-00	15	20	3	T	RH	
	6CE-45972-20-00	15	21	3	T	RH	
	6CE-45936-20-00	14 3/4	22	3	T	RH	
6CE-45974-20-00	14 3/4	23	3	T	RH		
V6 - 3.3L / 4.2L / 4.3L	6CF-45930-20-00	15 3/4	13	3	TL	LH	
	6CF-45D70-20-00	15 3/4	14	3	TL	LH	
	6CF-45976-20-00	15 3/4	15	3	TL	LH	
	6CF-45938-20-00	15 1/2	16	3	TL	LH	
	6CF-45978-20-00	15 1/2	17	3	TL	LH	
	6CF-45934-20-00	15 1/4	18	3	TL	LH	
	6CF-45970-20-00	15 1/4	19	3	TL	LH	
	6CF-45932-20-00	15	20	3	TL	LH	
	6CF-45972-20-00	15	21	3	TL	LH	
	6CF-45936-20-00	14 3/4	22	3	TL	LH	
6CF-45974-20-00	14 3/4	23	3	TL	LH		

## SALTWATER SERIES II HP3

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
V6 - 3.3L / 4.2L / 4.3L	6KA-45970-00-00	15 1/4	18	3	T	RH	
	6KA-45972-00-00	15 1/4	19	3	T	RH	
	6KA-45974-00-00	15	20	3	T	RH	
	6KA-45976-00-00	15	21	3	T	RH	
V6 - 3.3L / 4.2L / 4.3L	6KB-45970-00-00	15 1/4	18	3	TL	LH	
	6KB-45972-00-00	15 1/4	19	3	TL	LH	
	6KB-45974-00-00	15	20	3	TL	LH	
	6KB-45976-00-00	15	21	3	TL	LH	

## SALT WATER SERIES HS4

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
F200A / F200C / F225A / F225B / F225C / F225F / F250A / F250B / F250D / F300B / F350B	6CE-45B70-20-00	15	21	4	T	RH	
	6CE-45B72-20-00	15	22	4	T	RH	
	6CE-45B74-20-00	15	23	4	T	RH	SDS spacer (688-45997-01-00) required for 6CE/6CF SDS GEN 2 propellers.
FL200A / FL200C / FL225A / FL225B / FL225F / FL250A / FL250B / FL250D / FL300B / FL350B	6CF-45B70-20-00	15	21	4	TL	LH	
	6CF-45B72-20-00	15	22	4	TL	LH	
	6CF-45B74-20-00	15	23	4	TL	LH	

## VMAX SHO SERIES

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
VF200/250	6KW-45932-00	15 1/8	22	3	T	RH	
	6KW-45974-00	15 1/8	23	3	T	RH	
	6KW-45930-00	15 1/8	24	3	T	RH	For L shaft model engine spacer 69J-45987-00-00 is equipped from factory.
	6KW-45972-00	15 1/8	25	3	T	RH	
	6KW-45978-00	15 1/8	26	3	T	RH	
	6KW-45970-00	15 1/8	27	3	T	RH	

## SALTWATER SERIES XL

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
F350A (2011-), F300D	6AW-45970-20-00	16 1/4	15	3	X	RH	
	6AW-45972-20-00	16 1/4	17	3	X	RH	
	6AW-45974-20-00	15 1/2	19	3	X	RH	
	6AW-45976-20-00	15 1/4	21	3	X	RH	
	6AW-45978-20-00	15 1/4	23	3	X	RH	F350A (until to 2015 MY) need Spacer 6AW-45997-00-00
FL350A (2011-), FL300D	6AX-45970-20-00	16 1/4	15	3	XL	LH	
	6AX-45972-20-00	16 1/4	17	3	XL	LH	
	6AX-45974-20-00	15 1/2	19	3	XL	LH	
	6AX-45976-20-00	15 1/4	21	3	XL	LH	
	6AX-45978-20-00	15 1/4	23	3	XL	LH	

# Propellers

## SALTWATER SERIES XL4 & XL4-HP

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
F350A, F300D	6AW-45B70-20-00	16 1/8	15	4	X	RH	
	6AW-45B72-20-00	16 1/8	17	4	X	RH	
	6AW-45B76-20-00	15 3/8	22	4	X	RH	
	6AW-45B74-20-00	15 3/8	24	4	X	RH	
FL350A, FL300D	6AX-45B70-20-00	16 1/8	15	4	XL	LH	F350A (until to 2015 MY) Need Spacer 6AW-45997-00-00
	6AX-45B72-20-00	16 1/8	17	4	XL	LH	
	6AX-45B76-20-00	15 3/8	22	4	XL	LH	
	6AX-45B74-20-00	15 3/8	24	4	XL	LH	

## XTO OS PROPELLERS

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
XF375 / XF425 / XF400 / XF450	6GR-45970-20-00	17 1/8	15	3	Y	RH	
	6GR-45D70-20-00	16 7/8	16	3	Y	RH	
	6GR-45972-20-00	16 7/8	17	3	Y	RH	
	6GR-45938-20-00	16 5/8	18	3	Y	RH	
	6GR-45974-20-00	16 5/8	19	3	Y	RH	
	6GR-45936-20-00	16 3/8	20	3	Y	RH	
	6GR-45976-20-00	16 3/8	21	3	Y	RH	
	6GR-45934-20-00	16 1/8	22	3	Y	RH	
	6GR-45978-20-00	16 1/8	23	3	Y	RH	
	6GR-45932-20-00	16	24	3	Y	RH	
	6GR-45930-20-00	16	25	3	Y	RH	
	6GR-45D72-10-00	16	26	3	Y	RH	
	6GR-45D74-20-00	16	27	3	Y	RH	
	XF375 / XF425 / XF400 / XF450	6GS-45970-20-00	17 1/8	15	3	YL	LH
6GS-45D70-20-00		16 7/8	16	3	YL	LH	
6GS-45972-20-00		16 7/8	17	3	YL	LH	
6GS-45938-20-00		16 5/8	18	3	YL	LH	
6GS-45974-20-00		16 5/8	19	3	YL	LH	
6GS-45936-20-00		16 3/8	20	3	YL	LH	
6GS-45976-20-00		16 3/8	21	3	YL	LH	
6GS-45934-20-00		16 1/8	22	3	YL	LH	
6GS-45978-20-00		16 1/8	23	3	YL	LH	
6GS-45932-20-00		16	24	3	YL	LH	
6GS-45930-20-00		16	25	3	YL	LH	
6GS-45D72-20-00		16	26	3	YL	LH	
6GS-45D74-20-00		16	27	3	YL	LH	

## XTO EC PROPELLERS

Outboard Model	Part Number	Diameter	Pitch	Blade	Hub	Rotation	Remark
XF375 / XF425 / XF400 / XF450	6KN-45970-00-00	16 7/8	17	3	Y	RH	
	6KN-45976-00-00	16 5/8	20	3	Y	RH	
	6KN-45978-00-00	16 5/8	21	3	Y	RH	
	6KN-45932-00-00	16 1/8	23	3	Y	RH	
	6KN-45972-00-00	16 1/8	24	3	Y	RH	
	6KN-45974-00-00	16 1/8	25	3	Y	RH	
	6KN-45930-00-00	16 1/8	26	3	Y	RH	
XF375 / XF425 / XF400 / XF450	6KP-45970-00-00	16 7/8	17	3	YL	LH	
	6KP-45976-00-00	16 5/8	20	3	YL	LH	
	6KP-45978-00-00	16 5/8	21	3	YL	LH	
	6KP-45932-00-00	16 1/8	23	3	YL	LH	
	6KP-45972-00-00	16 1/8	24	3	YL	LH	
	6KP-45974-00-00	16 1/8	25	3	YL	LH	
	6KP-45930-00-00	16 1/8	26	3	YL	LH	

PROPELLER SPARE PARTS

Type	Outboard Model	Propeller Mark	Front Spacer	Rear Spacer	Washer	Nut	Cotter pin
Regular Model	F2,5A / F2,5B	BS	6EE-G5987-00-00	N/A (Not Required)	902-0108M-54-00	6EE-G5616-00-00	914-09250-30-00
	F4B / F5A / F6C	BA	6EE-G5978-00-00				
	F8C / F8F	N	6N0-G5978-10-00				
	F9.9J	N	6G1-45987-02-00	902-0110M-01-00	901-7110M-01-00	914-90300-20-00	
	F15C/F20B	J	6E7-45987-01-00	689-45997-00-00	929-90142-00-00	901-71140-13-00	914-90300-30-00
	F25D / F20G / F25G	F	6L2-45987-01-00				
	F30B / F40F	G	663-45987-02	66T-45997-00-00	903-8922M-01-00	901-71160-11-00	914-90300-30-00
	F50H / F60F	G			90389-22M01		
	F70A	K	90389-22M01				
	F80B / F100D	K	688-45987-01-00	67F-45997-00-00	903-8925M-00-00	914-90400-30-00	
	F(L)115A / F(L)115B / F130A	K, KL	63P-45987-00-00	688-45997-01-00	929-90182-00-00		
	F(L)150A / F(L)150D	M, ML					
	F175A / F175C / F(L)200F	M/T, ML/TL	69J-45987-00-00	901-7118M-04-00	90201-19M01-00		
	F(L)225F/F(L)250D/F(L)300B (4,2L V6)	T, TL					
	F(L)350A (V8), F(L)300D	X, XL	6AW-45987-00-00	6AW-45997-10-00 (SDS)	90201-19M01-00		
XTO	Y	6GR-45987-00-00	6GR-45997-00-00	90201-19M01-00	90171-18M04-00	91490-40030-00	
Dual Thrust Model	FT8D/FT8G	R	6G8-45987-02-00	6G8-45997-00-00	902-0110M-02-00	901-7110M-07-00	
	FT9.9L	R					
	FT25F	G	663-45987-02	68U-45997-00-00	929-90162-00-00	914-90300-30-00	
	FT50J, FT60G	K	688-45987-01-00	67F-45997-00-00	903-8925M-00-00	901-71160-11-00	

Propeller Accessories



SDS REAR SPACERS

Required for installing an SDS propeller on engines with non-SDS propellers installed - or when the engine in the crate is equipped with a non-SDS spacer.

Description	QTY	Part Number
For Saltwater XL/XL4 (SDS GEN 1)	1	6AW-45997-10-00
For Saltwater XL/XL4 (SDS GEN 2 and non-SDS)	1	6AW-45997-00-00
For F150D/F175A/ F225F/F250D/F300B V6 4.2L, F200F/G SDS GEN 1 SPACER	1	6CE-45997-00-00
For F150D/F175A/F200F-G/F225F/F250D/F300B V6 4.2L, (SDS GEN 2 SPACER and NON-SDS)	1	688-45997-01-00
For XTO (425/375)	1	6GR-45997-00-00



SDS HUBS

If the damper hub eventually wears on a SDS prop, a replacement hub is available to restore its original shift-dampening efficiency and performance.

Description	QTY	Part Number
For F350A V8 SDS propeller (Gen1 from --2014)	1	6AW-45C80-00-00
For F350A V8 SDS propeller (Gen2 from 2015 --)	1	6AW-45C81-10-00
For F150D/F175A/F225F/F250D/F300B V6 4.2L, F200F/G, SDS propeller	1	6CE-45C81-00-00
For TALON aluminium and Stainless Steel propeller	1	6EK-45C82-09-00
For XTO (375/425)	1	6GR-45C81-10-00



PROP WRENCH

Specially made to fit the prop nut on a Yamaha outboard (F80 and up), it also has a helpful 9/16" square opening on the reverse side, designed for opening garboard drain plugs.

MAR-PRPWR-NC-H1

## ANODES

The materials and build quality of a Yamaha engine means it's already highly resistant to corrosion. The addition of a self-sacrificing anode will improve this even further. As a first line of defence, an anode is meant to corrode instead of your engine. It can easily be replaced by another, thereby protecting the engine. However, high-quality Yamaha anodes are more durable than most of their competitors and will need to be changed less often, thereby maximising the protection of your engine.

### CYLINDER ANODES

OUTBOARD MODEL	PART NUMBER
F2.5A / 2B / 3A / F4A / 4A/5C ('90-) / F4B / F5A / F6C	6L5-45251-03-00
4A/5C ('89) / F8A/B/F9.9A/B ('88)	677-45251-00-00
4A/5C/F8A/B/F9.9A/B ('89) / 9.9D/15D ('88/'89)	6E0-45251-12-00
4A/5C (--'88)	6E0-45251-00-00
6C/D/8C ('90-)	6GH-45251-00-00
6C/D/8C (--'89)	6N0-WG525-00-00
6C/D/8C (--'89)	6E0-45251-12-00
F6A/B/F8C / F9.9F / F9.9J	68T-45251-00-00
F8A/B/9.9D/F9.9B/15D / F9.9A (--'94)	6E8-45251-02-00
F9.9A/FT9.9A ('94-)	6G8-45251-01-00
FT8D/9.9F/F9.9C/FT9.9D/ FT9.9G / FT9.9L /15F/ F15A/F20A / F25A/25B/V/ F25D /30G/H/40V/X/ F30A/F40A/B/C/ F50A/F/50H/FT25B/C ('00-)	61N-45251-01-00
F15C / F20B	6AH-45251-00-00
FT25F / F30B / F40F / F60A/C/FT60B / 40V/X/50H/ F40A/F50A/B (--'99) / F50H / F60F	67C-45251-00-00
F25G	6G8-11325-00-00
F50H / F60F / FT50J / FT60G	65W-45251-00-00
F(L)300A / F(L)350A / F(L)375 XTO / F(L)400 XTO / F(L)425 XTO /F(L)450XTO	6G8-11325-00-00

### TRIM TAB ANODES

F9.9C/F15A	66M-45371-00-00
40Q/50G/55B/PRO50	679-45371-00-00
20C/D/25D/N/30A/D/40H/V/X/50D/H / F40A/ F45A/F50A (--'00)	664-45371-01-00
FT25B/C/F30A/ FT25F / F25G / F30B / F40F / F40A/B/C/F50A/F/ F50H /F60A/C / F60F	67C-45371-00-00
60F/70B/75A/C/PRO75/80A/85A/90A / FT50B (--'00) FT50C/G/ FT50J /FT60B/D/ FT60G / F70A / F80A/B/F100A/D	67F-45371-00-00
100A/115A/B/C/130B/140A/B/F100B/F100F/ F115A/F115B /150A/175A/200A (--'97) 220A/ PROV100	6E5-45371-01-00
150A/175A/200A ('98-) / 150C/F/175B/D/200B/ F/G/225A/F/225B/D / PROV200/F150A/Z150P/Q/ Z175G/H/Z200N / F200F / F(L)200G	6J9-45371-01-00
150A/175A/200A	6K1-45371-00-00
LF150A/L150C/F/L200B/F/LZ150P/LZ200N	6K1-45371-02-00
FL115A/ FL115B /L130B/L140B	6L6-45371-00-00
(L)225C/G/(L)250A/B/ F(L)200A/ F(L)200C / F(L)225A / / F(L)225B / F(L)250A / F(L)250B / F(L)225F / F(L)250D / F(L)300B	6CE-45373-00-00
Z200P/(L)Z250D/F(L)Z300A	69L-45371-00-00
F(L)375 XTO / F(L)400 XTO/F(L)425 XTO / F(L)450 XTO	6AW-45373-00-00

### BRACKET ANODES

FT8D/FT9.9D/F15A/F20A / F15C / F20B / F25A / F25G (PT model) /FT25B/F30A/30D/F40B/C / 40X/V/FT50C/50H/F60A/FT60B / F70A	65W-45251-00-00
25B/Q/40H/50D/G/55B/60F/70B/75A/C/80A /85A/90A/F80A/B/F100A/D/ F100F / F(L)115B / PRO50/75 ('90-)	6H1-45251-03-00
40H/50D/60F/70B/80A/90A ('89)	99999-03935-00
40H/50D/60F/70B/80A/90A (--'88)	688-45251-01-00
25B/FT25B/F30A/40V/F40A/B/F45A / FT50A/B/50G/H/PRO50/55B/60F/70B	663-45251-00-00

115A/140A/150A/175A/200A/220A	6E5-45251-00-00
100A/115B/C/ F(L)115A/ (L)130B/(L)140B	6G5-45251-02-00
PROV100/150/200/Vmax	6AW-45251-00-00
(L)F150A/(L)150A/C/F/175A/B/D/F	6AW-45251-00-00
(L)200A/B/F/G/(L)225A/B/C/D/G/(L)250A/B	6AW-45251-00-00
(L)Z150P/Q/Z175G/H/(L)Z200N/P/ Z250D/F/ F(L)200A / F200B / F(L)200C	6AW-45251-00-00
F(L)225A / F(L)225B / F225C / F(L)250A	6AW-45251-00-00
F(L)250B / (L)Z300A / F(L)300A / F(L)350A	6AW-45251-00-00
F(L)225F / F(L)250D / F(L)300B	6AW-45251-00-00
F(L)150G / F(L)175C / F175A / F(L)200F / F(L)200G / F(L)375 XTO /F(L)400 XTO / F(L)425 XTO / F(L)450 XTO	6AW-45251-00-00

### STERN-DRIVE DIESEL ANODES

TYPE / ENGINE MODEL	PART NUMBER
Anode for intercooler - ME370 / ME422	N51-45251-00-00
Anode for heat exchanger - ME370 / ME422	N51-11325-01-00
intermediate Anode - ME422	6U0-45251-01-00
Anode for TRP Drive (rear) - ME422	6U4-45251-01-00
Anode for TRP Drive (front) - ME422	6U4-45373-01-00
Anode for SP drive - ME422	6U3-45251-01-00

### F300A/F350A (V8) ANODES

TYPE	PART NUMBER
Anode for thermostat cover	6AW-1132R-00-00
Anode for rectifier/regulator	6E5-11325-00-00
Bolt Anode	6AW-11325-00-00
Cylinder head anode	67F-11328-01-00
Anode for engine block	6AW-1132P-00-00
Anode for Exhaust cover	6AW-1132M-00-00
Anode for Exhaust	99999-03946-00
Anode for Exhaust	6AW-1132L-00-00
Anode for engine block	63P-11325-01-00
Anode intermediate plate/Exhaust Guide	6AW-1132T-00-00
Anode intermediate plate/Exhaust Guide	6AW-1132S-00-00
Anode intermediate plate/Exhaust Guide	63P-11325-11-00

### IMPELLERS

This vital component of the water pump ensures a continuous supply of the correct amount of coolant to the engine. Like all our parts, a Yamaha Impeller is intended for use with a Yamaha engine, so it's advisable to specify one every time it needs replacing.

OUTBOARD/ENGINE MODEL	PART NUMBER
2A/2B/2C	646-44352-01-00
F2.5A/3A/Malta	6L5-44352-00-00
4A/5C/F4A/F4B/F5A/F6C	6E0-44352-00-00
F6A/F8C/F9.9F/F9.9J	68T-44352-00-00
6C/8C	6G1-44352-00-00
F8B/F9.9A/B/D/FT9.9A/9.9D/15D	682-44352-03-00
FT8D/F9.9C/FT9.9D/FT9.9G/FT9.9L/9.9F/15F/F15A/ F15C/F20B	63V-44352-01-00
20C/25D/30A	689-44352-02-00
20D/25N	6L2-44352-00-00
F20A/F25A/FT25B/F25G/25B/V/F25D/FT25F/F30A/ F30B/F40F/30D/G/F40B/40H/X/50D	6H4-44352-02-00

**IMPELLERS**

F40A/C/40V/F45A/50G/H/55B/PRO50/F50A/B/F/	
F50H FT50B/C/G/FT50J/F60A/C/F60F/FT60B/D/	6H3-44352-00-00
FT60G/60F/70B (--'03)/F70A	
40Q	6F5-44352-00-00
60F ('04 --)/70B ('04 --)/75A/C/PRO75/80A/85A/90A	688-44352-03-00
F80A/B/F100A/D	67F-44352-00-00
V4/V6 2T/F100F/F(L)115A/F(L)115B/F(L)150A/	
F175A/F(L)200F/F(L)200G	6E5-44352-01-00
F(L)225F/F(L)250D/F(L)300B	6CE-44352-00-00
F(L)300A/F(L)350A	6AW-44352-00-00
F(L)375 XTO / F(L)400 XTO / F(L)425 XTO / F(L)450 XTO	6GR-44352-00-00
Stern-drive diesel ME370/ME372/ME422/ME432	6TA-12457-00-00

**THERMOSTATS**

A thermostat regulates the perfect engine operating temperature. A correctly performing thermostat prevents engine over-cooling which can cause dilution of the oil and reduction of filtration, resulting in greater engine wear.

OUTBOARD MODEL:	PART NUMBER
3A/4A/5C/6C/8C/25N (--'93)/25NWO ('01/'02)	6E5-12411-02-00
9,9F/15F/25N ('94--)/40V/100A/115C/(L)130B/	
(L)150F/175D/(L)200F/200G/225D/(L)250A/(L)Z150P/	6E5-12411-30-00
Z150Q/Z175G/(L)Z200N/Z200P/225G/(L)250B	
F15C/F20B	6AH-12411-00-00
9,9D/15D/20C/25D/40Q/55B	6F5-12411-03-00
30D/75C/90A	688-12411-11-00
50G/60F/70B	6H3-12411-11-00
F100B/F(L)115A/(L)Z250D/Z250F/(L)Z300A	60V-12411-00-00
F2,5A	69M-12411-01-00
F4A/F4B/F5A/F6C/F6A/F8B/F8C/FT8D/F9,9C/F9,9F/	
F9,9J/FT9,9A/FT9,9D/FT9,9G/FT9,9L/F15A/F9,9B/	
F25A/FT25B/F25D/FT25F/F30B/F40F/F30A/F40B/	66M-12411-01-00
F40A/F50A/FT50B/C/F50F/F50H/FT50G/FT50J/F60A/	
FT60B/F60C/F60F/FT60D/FT60G/F70A	
F25G	6FM-12411-00-00
F80A/F100A (99/'00')	66M-12411-01-00
F80A/F100A (01'--)	67F-12411-01-00
F100D	6D9-12411-00-00
F(L)115B	6EK-12411-00-00
F80B/F100B/F(L)150A/F(L)200A	
F(L)200C/F(L)225A/F(L)225B/	67F-12411-01-00
F225C/F(L)250A/F(L)250B	
F100F	6FP-12411-00-00
F(L)225F/F(L)250D/F(L)300B	6CE-12411-00-00
F(L)200F/F(L)200G/F175A	6DA-12411-01-00
F(L)300A/F(L)350A	6AW-12411-00-00
F(L)375 XTO / F400 XTO / F(L)425 XTO / F450 XTO	6GR-12411-00-00
	6H3-12411-20-00
	66M-12411-01-00

WAVERUNNER MODEL:	PART NUMBER
FX / FZS/FZR (--'13)	60E-12411-01-00
VX/FX/GP/FZS/FZR ('14--)/SUPERJET/JB ('22--)	6D3-12411-00-00

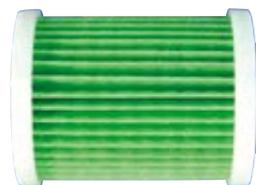
**PRIMARY FUEL FILTERS**

Fuel filters and replacement cartridges with high power filtering to block any small particles in the fuel. Remember to change this filter regularly using genuine Yamaha parts.

OUTBOARD MODEL	PART NUMBER
3A / F2,5A / F4A	6L5-24251-00-00
4A / 5C / 6C / 8C	646-24251-02-00
F4B / F5A / F6A / F6C / F8C / FT8D / F9,9J / FT9,9L	6EE-F4251-00-00
F9,9C / FT9,9D / F15A / F25A / FT25B (--'04)	65W-24251-10-00
F9,9C (1001584 --) / FT9,9D (1001139 --) / F15A (1009198 --) / F25A & FT25B (1013331 --) ('04 --)	61N-24563-10-00

**PRIMARY FUEL FILTERS**

F25G	6D8-WS24A-00-00
F30A / F40B	65W-24251-10-00
FT50B (--'00)	61N-24563-10-00
FT50B ('01--)	68V-24563-00-00
F60A / FT60B (--'03)	68V-24563-00-00
F60A / FT60B ('04--)	61N-24563-10-00
F50F / FT50G / F60C / FT60D (--'06)	68V-24563-00-00
F50F / FT50G / F60C / FT60D ('07--)	6D8-WS24A-00-00
F30B / F40F / F50H / F60F / FT50J / FT60G / F70A	6D8-WS24A-00-00
F80A / F100A (--'01)	67F-24251-02-00
F80A / F100A ('02--)	61N-24563-10-00
F80B / F100D / F(L)115A (--'06)	68V-24563-00-00
F80B / F100D / F(L)115A ('07--) / F(L)115B	6D8-WS24A-00-00
F100F	6D8-WS24A-00-00
F(L)150A / F(L)200A / F200B / F(L)225A (--'06)	65L-24563-00-00
F(L)150A / F(L)200A / F200B / F(L)225A ('07--)	6P3-WS24A-02-00
F(L)200C / F(L)250A (--'06)	6P2-WS245-00-00
F(L)200C / F(L)250A ('07--)	6P3-WS24A-02-00
F(L)225B / F225C / F(L)225F (V6 4,2L) / F(L)250D (V6 4,2L) / F(L)300A / F(L)300B (V6 4,2L) / F(L)350A / F(L)200F / F(L)200G / F175A / F(L)375XTO / F(L)400 XTO / F(L)425 XTO / F(L)450 XTO	6P3-WS24A-02-00
9,9F / 15F / F15C / F20B / 25N / F25D / FT25F / 30D / 40V / 50G / F50A / 60F / 75C / 90A / 100A / F100B / 115C / (L)130B / (L)150F / 175D / (L)200F / 200G / 225D	61N-24563-10-00
115B	6F5-24563-00-00
(L)250A	61A-24563-02-00
225G / 250B	65L-24563-00-00
(L)Z150P / (L)Z150Q / Z175G / (L)Z200N / Z200P (--'04)	68F-24563-01-00
(L)Z150P / (L)Z150Q / Z175G / (L)Z200N / Z200P ('05/'06)	68F-24563-10-00
(L)Z150P / (L)Z150Q / Z175G / (L)Z200N / Z200P ('07--)	6P3-WS24A-02-00
(L)Z250D / Z250F (--'03)	68F-24563-01-00
(L)Z250D / Z250F ('04/'06)	68F-24563-10-00
(L)Z250D / Z250F ('07--)	6P3-WS24A-01-00
(L)Z300A (--'06)	68F-24563-10-00
(L)Z300A ('07--)	6P3-WS24A-01-00



## NGK SPARK PLUGS

These provide the ultimate performance for your engine. They're high-quality, reliable and their advanced materials and design provide superior anti-fouling characteristics, which reduce carbon build-up over a wide heat range. "V Type" plugs include a thin centre electrode tip, which is made of precious metal for added corrosion and oxidation resistance. The result: fast, sure starts and less misfiring, even in the coldest weather.

- Ribbed to eliminate flash-over and improve performance
- Highest quality ceramic insulators improve heat dissipation and electrical insulation to provide long term durability
- More Gaskets for peak performance
- Deep-seated copper core provides maximum engine efficiency at high and low speeds
- Projected insulator precision-engineered to prevent fouling and misfiring
- Nickel alloy tip prevents fouling, maximises performance and extends plug life

OUTBOARD MODEL	PART NUMBER	NGK REF.
(L)Z150P/Z150Q (VMAX)	94702-00405-00	BKR6EKU
Z175G/(L)Z200N/Z200P (VMAX)/(L)Z250D/Z250F (VMAX)/(L)Z300A	94702-00404-00	BKR7EKU
2B	94702-00249-00	BR5HS
F2,5A/F4A	94701-00248-00	BR6HS
3A/F6A/F8C/FT8D/F9,9F/F9,9J/FT9,9G/FT9,9L	94702-00274-00	BR6HS10
4A/5C/20C/25D/40X	94701-00110-00	BR7HS
6C/8C/9,9D/9,9F/15D/15F/20D/25N/25V/25B/30D/40H/40V	94702-00271-00	BR7HS10
40Q	94701-00195-00	BR8HS
30G/50D/50G/50H/55B/60F/70B/75A/75C/80A/85A/90A/100A/115A/ 115B/115C/140A/150A/150C/150F/175A/175B/175D/200A/200B/200 F/200G/225D/(L)250A/(L)250G	94702-00247-00	BR8HS10
130B/140B/200C/225B/250B/225G (VMAX)	94701-00309-00	BR9HS10
F8B	94701-00300-00	CR5HS
F9,9A/F9,9B	94701-00282-00	CR6HS
F60A/FT60B	94701-00406-00	DPR5EA9
F9,9C/FT9,9D/F15A/F25A/FT25B/F30A/F40A/F40B/F50A/FT50B/ FT50C	94701-00375-00	DPR6EA9
F15C/F20B/F25D/F25G/FT25F/F30B/F40F/F50F/F50H/FT50G/FT50J/ F60C/F60F/FT60D/FT60G	94702-00418-00	DPR6EB9
F80A/F80B/F100A/F100B/F100D/F(L)150A/F(L)200A/F(L)225A	94702-00391-00	LFR5A11
F(L)115A / F(L)150G / VF150 Vmax SHO / F(L)175C / F175A / VF175 Vmax SHO / F(L)200C / F(L)200F / F(L)200G / F(L)225B / F225C / F(L)250A / F(L)250B / F(L)300A / F(L)350A / F(L)225F / F(L)250D / F(L)300B	94702-00400-00	LFR6A11
F100F	NC	LKR6E-9N
F4B/F5A/F6C	94702-00372-00	CR6HSB
F70A	94702-00429-00	LKR7E
F(L)115B	94702-00437-00	LKR6E
F80D / VF90 Vmax SHO / F100F	94702-00440-00	LKR6E-9N
F(L)375 XTO / F(L)425 XTO	94702-00442-00	ILMAR7E9
STERN-DRIVE ESSENCE	94701-00365-00	BR6FS
F450 / F400	94702-00447-00	ILMAR7H9



## OIL FILTERS

The oil filter is an essential component that contributes to the lifetime of the engine. Compromising on the quality or replacement timing of this part may result in serious technical issues and we always recommend the use of a genuine YAMAHA oil filter. Build quality and high filtering power ensure your engine receives the very highest levels of safety.

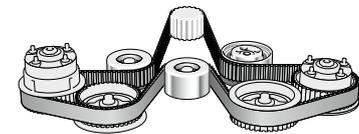
OUTBOARD MODEL	PART NUMBER
F8A/B/F9,9A/B/FT9,9A (--1989)	6G8-13411-01-00
F8A/F9,9A/B/FT9,9A (1990--)	6G8-13440-00-00
F9,9C 2000--/FT9,9D 2000--/F15A 2000--/F20A 2000--/F25A 2000--/FT25B/F30A/F40A 2000--/F40B '01--/F50A '99--'05/F50F --05/FT50B 2000--/FT50C --05/FT50G --05/F60A --05/F60C --05/FT60B --05/FT60D --05/F80A 2000--/F80B/F100A 2000--/F100B/F100D/F(L)115A/F115B	5GH-13440-72-00
F15C 07--/F20B 07--/F20G/F25G/F25D/FT25F/F30B/F40F/F50A 06--/FT50C 06--/FT60B 06--/F50F 06--/FT50G 06--/F60A 06--/F60C 06--/FT60D 06--/F50H/F60F/FT50J/FT60G/F70A/VX CRUISER/DELUXE 08--11/VX SPORT 08/FX/FX HO/FX HO CRUISER 08	5GH-13440-90-00
F9,9C '98/FT9,9D '99/F15A '98/F20A '98/F25A '98/'99/F40A '99/F40B 2000/F50A '95--'98/FT50B '96--'99/F80A/F100A '99	3FV-13440-31-00
F(L)150A/F175A/F(L)200A/F(L)200C/F(L)200F/F(L)200G/F(L)225A/F(L)225B/F225C/F(L)250A/F(L)250B/FX SHO/FX SHO CRUISER/FX HO CRUISER/FZR/FZS	69J-13440-05-00
F(L)300A / F(L)350A / F(L)225F / F(L)250D / F(L)300B / F(L)375 XTO / F400 XTO / F(L)425 XTO / F450 XTO	N26-13440-04-00
WAVERUNNER MODEL	PART NUMBER
EX / EX DELUXE / EX SPORT / EXR / V1 / V1 SPORT / VX / VX CRUISER / DELUXE / SPORT / SUPERJET (2021--)	5GH-13440-72-00
FZR / FZS / FZR SVHO / FZS SVHO / FX SVHO / FX SHO / FX CRUISER SHO / FX CRUISER SVHO / FX HO / FX CRUISER HO / FX LIMITED SVHO / GP1800R / VXR / VXS / VX CRUISER HO	69J-13440-05-00



## ENGINE TIMING BELTS

The timing belt is a vital element of your 4-stroke engine, used to synchronize the movement of valves with the pistons. For 2-stroke HPDI engines the timing belt is used to drive the high pressure fuel pump. The timing belt should be replaced every five years or every 1000 hours of operation (1st maturity reached).

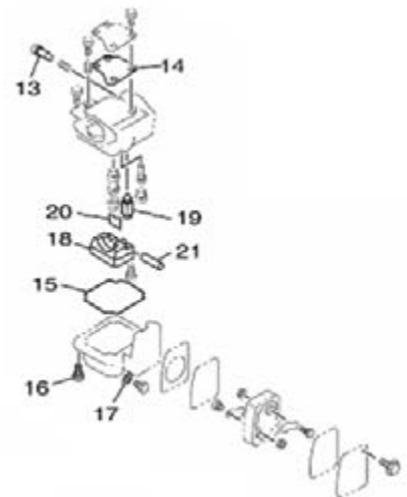
OUTBOARD/STERN DRIVE MODEL	PART NUMBER	REMARKS
F6A --04 / F8C --04 / FT8D --04 / F9,9F / F9,9J / FT9,9G / FT9,9L	68T-46241-00-00	
F6A 05-- / F8C 05-- / FT8D 05--	68T-46241-00-00	
F8B/FT9,9A/F9,9B	6G8-46241-00-00	
F9,9C/FT9,9D/F15A	66M-46241-00-00	
F15C / F20B	6AH-46241-00-00	
F25A/FT25B/F30A/F40B	65W-46241-00-00	
F40A/F50A/FT50B/C/F60A/FT60B	62Y-46241-00-00	
F25D / FT25F / F30B / F40F / F50F/FT50G/ FT50J / F50H / F60C/ F60F /FT60D / FT60G / F70A	6C5-46241-00-00	
F25G	6FM-46241-00-00	
F80A/B/F100A/B/D/F(L)115A/	67F-46241-00-00	
F100F	6FP-W4624-00-00	
F(L)115B	6EK-W4624-00-00	With rotor bolts
F(L)150A	63P-46241-00-00	
F(L)200A/F(L)225A/	69J-46241-00-00	
F(L)200C / F(L)225B / F225C / F(L)250A / F(L)250B	6P2-46241-02-00	
(L)Z150P / Z150Q / Z175G / (L)Z200N / Z200P (--2003)	68F-46241-00-00	
(L)Z150P / Z150Q / Z175G / (L)Z200N / Z200P (2004--)	68F-46241-10-00	
(L)Z250D/Z250F/(L)Z300A	60V-46241-00-00	
F175A /F(L)200F / F(L)200G	6DA-W4624-00-00	
F(L)225F / F(L)250D / F(L)300B	6CB-W4624-00-00	With rotor bolts
F(L)300A / F(L)350A	6AW-W4624-00-00	With rotor bolts
F(L)375 XTO / F(L) 400XTO / F(L)425 XTO / F(L) 450XTO	6GR-W4624-00-00	With rotor bolts
ME422	YU1-35681-91-95	
ME422 / ME432	6TA-12444-00-00	
ME370 / ME372	6TC-12444-00-00	
ME370 / ME372	6TC-12445-01-00	



## CARBURETOR REPAIR KIT

OUTBOARD MODELS ('15-'21)	PART NUMBER
9.9F /15F	63V-W0093-01-00
E40X ('15-'20)	66T-W0093-10-00
40X ('21) /E40X (21)	66T-W0093-11-00
F2.5B	69M-W0093-00-00
F9.9H /F15C /F20B ('20-'21) /F20C ('16)	6AH-W0093-02-00
F20D ('15-'17) /F25D ('15-'20) /FT25F	6BL-W0093-00-00
F4B /F5A /F6C	6BX-W0093-00-00
F8F /FT8G /F9.9J /FT9.9L	6DR-W0093-00-00
4C ('16-'21) /5C ('15)	6E0-W0093-04-00
75C ('15-'16) /90A ('15-'18)	6H1-W0093-11-00
60F /70B ('15-'17)	6H2-W0093-11-00
E60H	6H3-W0093-03-00
40V /50H	6H4-W0093-04-00
25N ('15-'16)	6L2-W0093-00-00

For details please see YPEC



OUTBOARD MOTOR KEYS



300 and 700 series - Key cover replacement  
703-82577-00-00



300 and 700 series - 18mm Switch cap replacement  
6K1-82532-00-00

OM KEY NUMBER:	PART NUMBER	MATCHING CAP KEY	PART NUMBER
371	90890-55868-00	Cap Key	703-82577-00-00
372	90890-55869-00	Cap Key	703-82577-00-00
373	90890-55870-00	Cap Key	703-82577-00-00
374	90890-55871-00	Cap Key	703-82577-00-00
375	90890-55872-00	Cap Key	703-82577-00-00
376	90890-55873-00	Cap Key	703-82577-00-00
377	90890-55874-00	Cap Key	703-82577-00-00
378	90890-55875-00	Cap Key	703-82577-00-00
379	90890-55876-00	Cap Key	703-82577-00-00
380	90890-55877-00	Cap Key	703-82577-00-00
381	90890-55878-00	Cap Key	703-82577-00-00
382	90890-55879-00	Cap Key	703-82577-00-00
383	90890-55880-00	Cap Key	703-82577-00-00
384	90890-55881-00	Cap Key	703-82577-00-00
385	90890-55882-00	Cap Key	703-82577-00-00
386	90890-55883-00	Cap Key	703-82577-00-00
387	90890-55884-00	Cap Key	703-82577-00-00
388	90890-55885-00	Cap Key	703-82577-00-00
389	90890-55886-00	Cap Key	703-82577-00-00
390	90890-55887-00	Cap Key	703-82577-00-00
451	90890-55820-00	Cap Key	676-82577-01-00
452	90890-55821-00	Cap Key	676-82577-01-00
453	90890-55822-00	Cap Key	676-82577-01-00
454	90890-55823-00	Cap Key	676-82577-01-00
455	90890-55824-00	Cap Key	676-82577-01-00
456	90890-55825-00	Cap Key	676-82577-01-00
457	90890-55826-00	Cap Key	676-82577-01-00
458	90890-55827-00	Cap Key	676-82577-01-00
459	90890-55828-00	Cap Key	676-82577-01-00
460	90890-55829-00	Cap Key	676-82577-01-00
461	90890-55830-00	Cap Key	676-82577-01-00
462	90890-55831-00	Cap Key	676-82577-01-00
463	90890-55832-00	Cap Key	676-82577-01-00
464	90890-55833-00	Cap Key	676-82577-01-00
465	90890-55834-00	Cap Key	676-82577-01-00
466	90890-55835-00	Cap Key	676-82577-01-00
467	90890-55836-00	Cap Key	676-82577-01-00
468	90890-55837-00	Cap Key	676-82577-01-00
469	90890-55838-00	Cap Key	676-82577-01-00
470	90890-55839-00	Cap Key	676-82577-01-00
721	90890-56004-00	Cap Key	703-82577-00-00
727	90890-56005-00	Cap Key	703-82577-00-00
730	90890-56006-00	Cap Key	703-82577-00-00
731	90890-56007-00	Cap Key	703-82577-00-00
732	90890-56008-00	Cap Key	703-82577-00-00
733	90890-56009-00	Cap Key	703-82577-00-00
741	90890-56010-00	Cap Key	703-82577-00-00

OM KEY NUMBER:	PART NUMBER	MATCHING CAP KEY	PART NUMBER
747	90890-56011-00	Cap Key	703-82577-00-00
750	90890-56012-00	Cap Key	703-82577-00-00
751	90890-56013-00	Cap Key	703-82577-00-00
752	90890-56014-00	Cap Key	703-82577-00-00
753	90890-56015-00	Cap Key	703-82577-00-00
821	90890-56016-00	Cap Key	676-82577-01-00
827	90890-56017-00	Cap Key	676-82577-01-00
830	90890-56018-00	Cap Key	676-82577-01-00
831	90890-56019-00	Cap Key	676-82577-01-00
832	90890-56020-00	Cap Key	676-82577-01-00
833	90890-56021-00	Cap Key	676-82577-01-00
841	90890-56022-00	Cap Key	676-82577-01-00
847	90890-56023-00	Cap Key	676-82577-01-00
850	90890-56024-00	Cap Key	676-82577-01-00
851	90890-56025-00	Cap Key	676-82577-01-00
852	90890-56026-00	Cap Key	676-82577-01-00
853	90890-56027-00	Cap Key	676-82577-01-00

2 KEY SET INCLUDING PLASTIC CAP KEY

OM Key number:	Part number
457	6X6-82511-09-A1
462	6X6-82511-09-A2
463	6X6-82511-09-A3
827	6X6-82511-09-A4
832	6X6-82511-09-A5
833	6X6-82511-09-A6
847	6X6-82511-09-A7
852	6X6-82511-09-A8
853	6X6-82511-09-A9



## SPRAY PAINT OUTBOARD MOTOR

Scratches can cause rust or other types of damage. Fix them quickly and effectively with our high-quality, durable Yamaha aerosols and primers. They've been developed specifically for marine use and offer the best colour match for Yamaha outboards. Box 6 x 400ml Cans.

Description	Part Number
Ocean Blue (For OM until 1983)	YMM-30400-0B-10
Marine Blue (For OM from 1983 until 1993)	YMM-30400-MB-10
Bluish Grey Metal (For OM from 1994)	YMM-30400-GM-10
Bluish Grey Metal 1 (For F30 to F350 OM from 2008)*	YMM-30400-GM-10
Bluish Grey Metal 2 (F2.5 to F25)	YMM-30400-GM-20
Dark Blue (for origin OM)	YMM-30400-DB-10
Paint Spray XTO Base (Pearl) White	YME-XTSPY-BW-HT
Paint Spray XTO, V6 and L4 Clear (Pearl) White	YME-XTSPY-CL-CT
Top Coat	YMM-30400-TC-10
Filling Primer	YMM-30400-FP-10
Zincprimer (anti-corrosive for aluminium parts)	YMM-30400-ZP-10
Propeller White (All aluminium prop)	YMM-30400-PW-10
SHO Shiny Black spray paint	YME-MBSP0-00-BK

\* For previous model colour codes consult your Yamaha Dealer



## SPRAY PAINT WAVERUNNER

Description	Part Number
WaveRunner Paint Stick White	YME-VXCST-KW-HT
WaveRunner Paint Stick Black	YME-VXCST-K0-BK
WaveRunner Spray Paint White	YME-VXCSP-YW-HT
WaveRunner Spray Paint Black	YME-VXCSP-Y0-BK





## Marine Service Kits

Introducing marine service kits! These new kits are tailored for easy servicing of your outboard engines. Below the kits are shown per engine family, and separately the content of each kit: 100h and 300h service kits.

### WAVERUNNER SERVICE KIT

#### KITRENTWRT00

Part Number	Description	Qty
5GH1344080	Oil Filter	1
9470200409	Spark Plugs	3
6EY1445100	Air Filter	1
6D31241100	Thermostat	1

### 100 HOURS SERVICE KIT

Part Number	Description
6BTW006B0000	F30B F40F F40H F40G F50H F60F F70A
6HVV006B0000	F80D F100F F115B F130A
63PW006B0000	F150D F150F
6HPW006B0000	F150G F175A F175C F200F F200G F200C F225B
6CLW006B0000	F225F F250D F300B F350N F225N F250N F300N
6GRW006B0000	F425A XF F375A XF F400XTO F450XTO

#### 6BTW006B0000

Part Number	Description	Qty
5GH134409000	Element Assy, Oil Cleaner	1
62Y124140100	Thermostat Gasket	1
6D8245640000	ORing Fuel Filter	1
6D8WS24A0000	Fuel Filter	1
904300800300	Drain / Fill Gasket Geabox Oil	2
9043014M0900	Engine Oil Gasket	1
914903002500	Pin, Cotter	1

#### 63PW006B0000

Part Number	Description	Qty
63P124140000	Gasket, Cover	1
69J134400400	Element Assy, Oil Cleaner	1
6P3245640000	Gasket	1
6P3WS24A0200	Element, Filter	1
904300800300	Drain / Fill Gasket Geabox Oil	2
9043014M0900	Gasket	1
914904003000	Pin, Cotter	1

#### 6CLW006B0000

Part Number	Description	Qty
6P3245640000	Gasket	1
6P3WS24A0200	Element, Filter	1
904300800300	Drain / Fill Gasket Geabox Oil	2
9043014M0900	Gasket	1
914904003000	Pin, Cotter	1
N26134400300	Element Assy, Oil Cleaner	1



#### 6HVV006B0000

Part Number	Description	Qty
5GH134407200	Element Assy, Oil Cleaner	1
6D8245640000	Gasket	1
6D8WS24A0000	Element, Filter	1
904300800300	Drain / Fill Gasket Geabox Oil	2
9043014M0900	Gasket	1
914904003000	Pin, Cotter	1

#### 6HPW006B0000

Part Number	Description	Qty
69J134400500	Element Assy, Oil Cleaner	1
6P3245640000	Gasket	1
6P3WS24A0200	Element, Filter	1
904300800300	Drain / Fill Gasket Gearbox Oil	2
9043014M0900	Gasket	1
914904003000	Pin, Cotter	1

#### 6GRW006B0000

Part Number	Description	Qty
6P3245640000	Gasket	1
6P3WS24A0200	Element, Filter	1
914904003000	Pin, Cotter	1
932100981100	ORing	2
932103463300	ORing	1
N26134400300	Element Assy, Oil Cleaner	1

**300 HOURS SERVICE KIT**

Part Number	Description
6BTW006C0000	F30B F40F
6AKW006C0000	F40H F50H F60F
6CYW006C0000	F40G F70A
6HVW006C0000	F80D F100F
6EKW006C0000	F115B F130A
63PW006C0000	F150D F150F
6HPW006C0000	F150G F175A C F200F F200G
6ALW006C0000	F200C F225B
6CLW006C0000	F225F F250D F300B F225N F250N F300N
6GRW006C0100	F425A XF F375A XF
6MLW006C0000	F350N (6ML) 2024
6KNW006C0000	XF450 XF400



**6BTW006C0000**

Part Number	Description	Qty
5GH134409000	Element Assy, Oil Cleaner	1
62Y124140100	Thermostat Gasket	1
66M124110100	Thermostat	1
6D8245640000	ORing Fuel Filter	1
6D8WS24A0000	Fuel Filter	1
6H4443520200	Impeller	1
904300800300	Drain / Fill Gasket Geabox Oil	2
9043014M0900	Engine Oil Gasket	1
914903002500	Pin, Cotter	1
9321059MG700	ORing	1
947020041800	Plug, Spark NGK DPR6EB9	3

**6AKW006C0000**

Part Number	Description	Qty
5GH134409000	Element Assy, Oil Cleaner	1
62Y124140100	Thermostat Gasket	1
63D443160000	GASKET, WATER PUMP	1
66M124110100	Thermostat	1
6D8245640000	ORing Fuel Filter	1
6D8WS24A0000	Fuel Filter	1
6H3443520000	Impeller	1
904300800300	Drain / Fill Gasket Geabox Oil	2
9043014M0900	Engine Oil Gasket	1
914903002500	Pin, Cotter	1
947020041800	Spark Plug NGK DPR6EB9	4

**6CYW006C0000**

Part Number	Description	Qty
5GH134409000	Element Assy, Oil Cleaner	1
62Y124140100	Thermostat Gasket	1
66M124110100	Thermostat	1
6CJ443150000	GASKET, WATER PUMP	1
6D8245640000	ORing Fuel Filter	1
6D8WS24A0000	Fuel Filter	1
6H3443520000	Impeller	1
904300800300	Drain / Fill Gasket Geabox Oil	2
9043014M0900	Engine Oil Gasket	1
914903002500	Pin, Cotter	1
947020042900	Plug, Spark NGK LKR7E	4

**6HVW006C0000**

Part Number	Description	Qty
5GH134407200	Element Assy, Oil Cleaner	1
61A455380000	Spacer 1	1
6D8245640000	Gasket	1
6D8WS24A0000	Element, Filter	1
6E5443520100	Impeller	1
6FP124110000	Thermostat	1
904300800300	Drain / Fill Gasket Geabox Oil	2
9043014M0900	Gasket	1
914904003000	Pin, Cotter	1
9321086M3800	ORing	1
947020044000	Plug, Spark NGK LKR6E 9N	4

**6EKW006C0000**

Part Number	Description	Qty
5GH134407200	Element Assy, Oil Cleaner	1
61A455380000	Spacer 1	1
6D8245640000	Gasket	1
6D8WS24A0000	Element, Filter	1
6E5443520100	Impeller	1
6EK124110000	Thermostat	1
904300800300	Drain / Fill Gasket Geabox Oil	2
9043014M0900	Gasket	1
914904003000	Pin, Cotter	1
9321086M3800	ORing	1
947020043700	Plug, Spark NGK LKR6E	4

**63PW006C0000**

Part Number	Description	Qty
61A455380000	Spacer 1	1
63P124140000	Gasket, Cover	1
67F124110100	Thermostat	1
69J134400400	Element Assy, Oil Cleaner	1
6E5443520100	Impeller	1
6P3245640000	Gasket	1
6P3WS24A0200	Element, Filter	1
904300800300	Drain / Fill Gasket Geabox Oil	2
9043014M0900	Gasket	1
914904003000	Pin, Cotter	1
9321086M3800	ORing	1
947020039100	Plug, Spark NGK LFR5A11	4

# Maintenance

## 6HPW006C0000

Part Number	Description	Qty
61A455380000	Spacer 1	1
69J134400400	Element Assy, Oil Cleaner	1
6DA124110100	Thermostat	1
6E5443520100	Impeller	1
6P3245640000	Gasket	1
6P3WS24A0200	Element, Filter	1
904300800300	Drain / Fill Gasket Gearbox Oil	2
9043014M0900	Gasket	1
914904003000	Pin, Cotter	1
9321086M3800	ORing	1
947020040000	Plug, Spark NGK LFR6A11	4

## 6CLW006C0000

Part Number	Description	Qty
6CE124110000	Thermostat	2
6CE443520000	Impeller	1
6P3245640000	Gasket	1
6P3WS24A0200	Element, Filter	1
904300800300	Drain / Fill Gasket Geabox Oil	2
9043014M0900	Gasket	1
914904003000	Pin, Cotter	1
932109400300	ORing	1
947020040000	Plug, Spark NGK LFR6A11	6
N26134400300	Element Assy, Oil Cleaner	1
6CE124110000	Thermostat	2

## ANODE KIT A

Part Number	Description
907981M77200	ANA KIT F30B 40F 40H 50H 60F
907981M77300	ANA KIT F80D F100F F115B F130A
907981M77400	ANA KIT F150D
907981M77500	ANA KIT F150G F175A C F200F G
907981M77600	ANA KIT F200C 225B-F 250D 300B
907981M77700	ANA KIT XF400N F425A XF425N XF450N

## 907981M77200

Part Number	Description	Qty
67C453710000	Tab-Trim	1
67C452510000	Anode	1

## 907981M77400

Part Number	Description	Qty
6J9453710100	Tab-Trim	1
6G5452510200	Anode	1

## 907981M77600

Part Number	Description	Qty
6CE453730000	Anode	1
6G5452510200	Anode	1

## 6ALW006C0000

Part Number	Description	Qty
61A455380000	Spacer 1	1
67F124110100	Thermostat	2
69J134400400	Element Assy, Oil Cleaner	1
6E5443520100	Impeller	1
6P3245640000	Gasket	1
6P3WS24A0200	Element, Filter	1
904300800300	Drain / Fill Gasket Geabox Oil	2
9043014M0900	Gasket	1
914904003000	Pin, Cotter	1
9321086M3800	ORing	1
947020040000	Plug, Spark NGK LFR6A11	6

## 6GRW006C0000

Part Number	Description	Qty
66M124110100	Thermostat	1
6GR124110000	Thermostat	2
6GR443520000	Impeller	1
6H3124112000	Thermostat	1
6P3245640000	Gasket	1
6P3WS24A0200	Element, Filter	1
914904003000	Pin, Cotter	1
932100981100	ORing	2
932103463300	ORing	1
932109769000	ORing	2
932110800100	ORing	1
947020044200	Plug, Spark NGK ILMAR7E9	8
N26134400300	Element Assy, Oil Cleaner	1



## 907981M77300

Part Number	Description	Qty
6E5453710100	Tab-Trim	1
6H1452510300	Anode	1

## 907981M77500

Part Number	Description	Qty
6J9453710100	Tab-Trim	1
6AW452510000	Anode	1

## 907981M77700

Part Number	Description	Qty
6AW453730000	Anode	1
6AW452510000	Anode	1



## ANODE KIT B

Part Number	Description
907981M77800	ANB KIT F30B F40F
907981M78000	ANB KIT F40G F70A
907981M77900	ANB KIT F40H F50H F60F
907981M78100	ANB KIT F80D F100
907981M78200	ANB KIT F115B F130A
907981M78300	ANB KIT F150D F150F
907981M78400	ANB KIT F150G F175A C F200F G
907981M78500	ANB KIT F200C F225B
907981M78600	ANB KIT F225F F250D F300B
907981M78700	ANB KIT XF400N F425A XF425N XF450N



### 907981M77800

Part Number	Description	Qty
65W452510000	Anode	1
6G8113250000	Anode	4
62Y113250000	Anode	1

### 907981M78000

Part Number	Description	Qty
65W452510000	Anode	3
6G8113250000	Anode	3
62Y113250000	Anode	1

### 907981M77900

Part Number	Description	Qty
65W452510000	Anode	3
6G8113250000	Anode	4
62Y113250000	Anode	1

### 907981M78100

Part Number	Description	Qty
6G8113250000	Anode	4
63P113250100	Anode	1
63P113252100	Anode	1

### 907981M78200

Part Number	Description	Qty
6G8113250000	Anode	3
63P113250100	Anode	1
67F113250100	Anode	1
6EK113250000	Anode	1

### 907981M78300

Part Number	Description	Qty
63P113252100	Anode	1
63P113251100	Anode	4
63P113250100	Anode	1
67F113250100	Anode	3
68T113250000	Anode	8

### 907981M78400

Part Number	Description	Qty
6E5113250000	Anode	2
67F113250100	Anode	3
68T113250000	Anode	2

### 907981M78500

Part Number	Description	Qty
6E5113250000	Anode	7
67F113250100	Anode	4
6P3113250000	Anode	2
6P2113250000	Anode	2

### 907981M78600

Part Number	Description	Qty
63P113250100	Anode	4
6AW1132P0000	Anode 5	4
68T113250000	Anode	2
6AW1132N0100	Anode 4	2
67F113250100	Anode	8
63P113251100	Anode	2

### 907981M78700

Part Number	Description	Qty
6AW1132L0000	Anode 2	6
6AW1132P0000	Anode 5	3
6G8113250000	Anode	2
63P113252100	Anode	1
6G8113250000	Anode	2
6G8113250000	Anode	4

## IMPELLER REPAIR KIT

Part Number	Description
907981M79800	IMP SERV F30B F40F
907981M79900	IMP SERV F40H F50H F60F
907981M80000	IMP SERV F40G F70A
907981M80100	IMP SERV F80D 100F 115B 130A
907981M80200	IMP SERV F150D F150F
907981M80300	IMP 150G 175A C 200C F G 225B
907981M80400	IMP SERV F225F F250D F300B
907981M80500	IMP SERV XF400N F425A XF425N XF450N



## 907981M79800

Part Number	Description	Qty
63D443220000	Insert, Cartridge	1
6H4443520200	Impeller	1
9321059MG700	O-Ring	1
9028003M0300	Key, Woodruff	1
63D443230000	Outer Plate, Cartridge	1
63D443160000	Gasket, Water Pump	1
932104800100	O-Ring	1

## 907981M80000

Part Number	Description	Qty
63D443220000	Insert, Cartridge	1
6H3443520000	Impeller	1
9028003M0300	Key, Woodruff	1
6CJ443150000	Gasket, Water Pump	1
6CJ443230000	Outer Plate, Cartridge	1
6CJ443240000	Gasket, Cartridge	1
6CJ443160000	Gasket, Water Pump	1
932104604400	O-Ring	1

## 907981M80200

Part Number	Description	Qty
9321086M3800	O-Ring	1
61A443220200	Insert, Cartridge	1
9321037M6700	O-Ring	1
6E5443520100	Impeller	1
6G5443230100	Outer Plate, Cartridge	1
6E544315A000	Gasket, Water Pump	1
9028004M0500	Key, Woodruff	1

## 907981M80400

Part Number	Description	Qty
932109400300	O-Ring	1
6AW443220000	Insert, Cartridge	1
9321037M6700	O-Ring	1
6CE443520000	Impeller	1
6CE443230100	Outer Plate, Cartridge	1
6CE443150000	Gasket, Water Pump	1
902800400200	Key, Woodruff	1

## 907981M79900

Part Number	Description	Qty
63D443220000	Insert, Cartridge	1
6H3443520000	Impeller	1
9321059MG700	O-Ring	1
902800302400	Key, Woodruff	1
63D443230000	Outer Plate, Cartridge	1
63D443160000	Gasket, Water Pump	1

## 907981M80100

Part Number	Description	Qty
9321037M6700	O-Ring	1
61A443220200	Insert, Cartridge	1
9321086M3800	O-Ring	1
6E5443520100	Impeller	1
6EK443230000	Outer Plate, Cartridge	1
6E544315A000	Gasket, Water Pump	1
9028004M0500	Key, Woodruff	1

## 907981M80300

Part Number	Description	Qty
9321086M3800	O-Ring	1
61A443220200	Insert, Cartridge	1
9321037M6700	O-Ring	1
6E5443520100	Impeller	1
6G5443230100	Outer Plate, Cartridge	1
6E544315A000	Gasket, Water Pump	1
9028004M0500	Key, Woodruff	1

## 907981M80500

Part Number	Description	Qty
9321037M6700	O-Ring	1
6GR443220000	Insert, Cartridge	1
932110800100	O-Ring	1
6GR443520000	Impeller	1
6GR443230000	Outer Plate, Cartridge	1
932109769000	O-Ring	1
6AW443360000	Key	1

## Outboard Accessories

### OUTBOARD MOTOR STORAGE COVERS

Essential Protection for Your Outboard Engine - All Year Round

Keep your outboard engine safe from dirt, scratches, and harsh weather - whether you're docking at the harbor or storing your boat for the winter. Our Heavy-Duty Outboard Motor Cover is designed for maximum protection and ease of use. Engineered to fit perfectly - from the compact 2.5hp models to the most powerful in the range - these genuine Outboard Engine Covers offer unmatched protection.

#### 1: Cover with Confidence

Made from rugged outer material enhanced with advanced coating technology, this cover offers superior water resistance, UV protection, and breathability - keeping your engine dry and shielded from the elements.

#### 2: Prevent Scratches During Handling

The soft inner felt lining cushions your engine, preventing scratches during fitting, removal, and transport.

#### 3: Secure It in Seconds

Featuring a Twin Rope Cleat system and an elasticized hem, the cover stays firmly in place - even in windy conditions or while trailering.



#### Features:

2.5 kg/cm<sup>2</sup> water resistance, tear-resistant Polyester Solution dye 300 Deniers fabric with advanced coating technology assures maximum water resistance, UV protection & breath-ability. Soft felt inner lining Polypropylene fabric. Between layers of Polyethylene Foam 1mm. Twin Rope Cleat for easy tightening and elasticized hem that contours around the engine cowling; Double stitching for added durability; Ideal for winter storage or cowling protection while trailering on the road.

#### Outboard Model

Outboard Model	Color	Part Number
OB Storage cover 2.5B	Black	YME-SCVR0-10-00
OB Storage cover F4-F6	Black	YME-SCVR0-20-00
OB Storage cover F8-F9.9	Black	YME-SCVR0-30-00
OB Storage cover F15-F20	Black	YME-SCVR0-40-00
OB Storage cover F25	Black	YME-SCVR0-50-00
OB Storage cover F30-F40	Black	YME-SCVR0-60-00
OB Storage cover F50-F70	Black	YME-SCVR0-70-00
OB Storage cover F80-F100	Black	YME-SCVR0-80-00
OB Storage cover F115-F130	Black	YME-SCVR0-90-00
OB Storage cover F115B/F130A	Grey	MAR-MTRCV-11-50
OB Storage cover F(L)150D/F	Grey	MAR-MTRCV-F2-01
OB Storage cover F225F/F250D/F300B	Grey	MAR-MTRCV-F4-2L

### PROPELLER TRANSPORT BAG

Hi-Visibility Propeller Cover Bag – Safety, Compliance & Protection in One

Stay compliant, stay protected, and stay visible with our Hi-Vis Orange Propeller Cover Bag, crafted from durable Ripstop nylon for long-lasting performance during trailering and long-term storage.

As more countries enforce regulations requiring propeller coverage during boat transport, this high-quality cover is no longer optional—it's essential. Whether you're a weekend boater or a marine professional, this bag ensures you're always ready and road-legal.

#### Key Features:

- High-Visibility Safety: Bright orange color enhances visibility for added safety on the road.
  - Durable Ripstop Nylon: Built to withstand the rigors of transport and storage.
  - Padded Protection: Prevents scratches, dents, and damage to your propeller.
  - Adjustable Fit: Designed for a snug, secure fit on a wide range of outboards.
  - Effortless Installation: Quick and easy to put on and take off—no tools required.
- Whether you're trailering across the country or storing your boat for the season, this propeller cover bag delivers peace of mind, professional-grade protection, and regulatory compliance—all in one smart solution.



#### Description

Propeller protection cover

#### Part Number

YME-PPSCO-10-00

## OUTBOARD VENTED SPLASH COVER

Engineered for Professionals: On-Water Protection Without Compromise

Designed for continuous use - even while the engine is running - this premium outboard cover delivers unmatched protection against UV damage, scratches, and wear. Whether your fleet is out on the water or in transit, this cover ensures your engines stay in peak condition.

### Why Customers Choose This Cover:

- **Operational Efficiency:** The precision fit allows the cover to remain on during operation - saving time and reducing handling.
- **Durability You Can Trust:** Constructed from UV-stable, water-resistant, and breathable materials with a felt-lined interior to prevent abrasion.
- **Smart Design for Demanding Use:** Integrated breathable mesh around intake ports ensures optimal airflow and engine performance.
- **Professional Finish:** High-quality materials and craftsmanship reflect the standards your business upholds.

Perfect for commercial fleets, rental operations, and marine service providers - this is protection that performs as hard as you do. Keep in mind: The bitterness of poor quality is remembered long after the sweetness of low price has faded from memory!

Outboard Model	Color	Part Number
F30B/F40F	Grey	YME-MCVRF-34-GY
F70A, FT70, F60F, FT60G, F50H	Grey	YME-MCVR5-67-GY
F50-F70 from MY25	Grey	6C5-VSC50-00-0M
F100F, F80D	Grey	YME-MCVR1-00-GY
F115B/BET, F130A	Grey	YME-MCVR1-15-GY
F150G, F175A, F200B/F/G	Grey	YME-MCVR2-00-GY
F150H/J/L/F200N/P/Q (from MY13 -MY23)	Grey	YME-MCVR2-00-GY
F150-F200 with integrated Hydr. Steering (from MY23)	Grey	YME-09102-27-00
F300B, F250D, F225F (MY08 and up)	Grey	YME-MCVR3-00-GY
F300, F250, F225 (from MY21 and up)	Grey	YME-09102-25-00
F350B V6 (MY24 and up)	Grey	YME-MCVR3-50-GY
XTO V8	Grey	YME-09102-26-00
F90F/F115D Vmax SHO	Black	6FN-VSC11-50-0M
F150N/F175H Vmax SHO	Black	6FH-VSC11-50-0M
F200/F250 Vmax SHO	Black	6LG-VSC20-00-0M



## FLUSHING BAGS

Smart, Simple, and Durable: The Ultimate Outboard Engine Flush Bag

Built for durability and ease of use, this heavy-duty flush bag is made from rip-stop waterproof fabric with welded seams—designed to hold its shape and stand upright on its own. Whether you're a weekend boater or a marine professional, this tool makes engine maintenance effortless and efficient.

### For Boaters:

After a day on the water, give your engine the care it deserves.

Step 1: Fill the bag until water reaches the intake inlets.

Step 2: Idle your engine in neutral for 5–10 minutes to flush out salt and debris.

Step 3: Unscrew the drain plug and let the water flow out—no mess, no hassle.

### For Dealers & Marine Professionals:

Ideal for engine testing and maintenance when access to a water source is limited.

Use it to run diagnostics or demonstrate engine performance without launching the boat.

Perfect for showrooms, workshops, and mobile service units.

### Key Benefits:

- **Waterproof & Self-Supporting:** Rip-stop fabric with welded seams ensures durability and stability.
- **Efficient Engine Care:** Promotes longer engine life with regular flushing.
- **Versatile Use:** Suitable for both personal and professional applications.
- **Portable & Practical:** Easy to store, transport, and set up anywhere.

Protect your engine. Simplify your workflow. Impress your customers.

This flush bag is more than a maintenance tool—it's a smart investment.

Description	Part Number
Small Flushing Bag	YME-MSVBG-0S-BK
Large Flushing Bag	YME-MSVBG-0L-BK



### Dimensions and Capacity

Size	Diameter	Height	Strap Length	Max water capacity
Small 2-70hp (Approx.)	47cm	70cm	175cm Max	100L
Large 75hp -> (Approx.)	70cm	90cm	250cm Max	300L



## ENGINE FLUSH KIT

This extremely useful piece of equipment connects in seconds to your garden hose and allows you to flush out harmful salt and sand. It can also be used for out-of-water operation for tune-ups.

Description	Part Number
For F4/F5/F6/F9,9/F15 and Jet Drive engines	ABB-FLUSH-JD-00

## ENGINE FLUSHER

Description	Part Number
Engine Flusher Single Feed advised up to 115HP	6CJ-EF70H-P0-0M
Engine Flusher Double Feed advised from 50HP	6EK-EF70H-P0-0M
Professional Engine Flusher advised from 75HP	6LP-EF70H-P0-0M



## Yamaha Life vests

Made of high quality materials, it ensures your safety while you enjoy your day on the water.

150 N floating capacity.  
ISO12402-3

Description	Part Number
Orange life vest BABY	YMERNG150BBY
Orange life vest S	YMERNG150N0S
Orange life vest M	YMERNG150N0M
Orange life vest L	YMERNG150N0L
Orange life vest XS	YMERNG150N1S
Orange life vest XXL	YMERNG150N2L
Orange life vest XXS	YMERNG150N2S



Coastal and offshore use Engineered to sit on the back, rather than on the neck, this vest provides increased comfort. Made of high quality materials it ensures your safety while you enjoy boating.

150 N floating capacity.  
Automatic inflation.  
ISO12402-3.

Description	Part Number
EVO 150 N Life vest With Strap	F7M-ILVYM-00-0M
Arming Kit for EVO 150N Life Vest	YME-LVARM-NG-KT



## Yamaha Outboard Locks - Outboard Essentials - New for 2026

2 locks that cover the entire outboard engine range, including the bolts to mount these. These locks have all certifications necessary for the entirety of the EU of market, ensuring insurance policies and safety standards.

### BLUE GUARD WSP LOCK UP TO 25HP OUTBOARD ENGINES

Sturdy Yamaha outboard motor lock for safely securing your valuable outboard motor to the transom of your boat. Comes with a SBSC and ART/SCM certificate which is valid for multiple insurance companies in the European market.

Description	Part Number
BLUE GUARD WSP LOCK up to 25HP outboard engines	6CA-MLWSP-25-0M



### BLUE GUARD WSP BOLT LOCK FROM 30-475HP OUTBOARD ENGINES

The unique design of the bolt lock will maximize the security your outboard engine by protecting one transom bolt. Consisting out of two pieces which rotate freely when locked, makes it impossible to grab and break with force.

Comes with a SBSC and ART/SCM certificate which is valid for multiple insurance companies in the European market.

Description	Part Number
BLUE GUARD WSP LOCK from 30-475HP outboard engines	6CJ-MLHLP-00-0M

## Outboard Essentials

### MUSHROOM ANCHOR

This 4kg Mushroom anchor comes with 5 m of nylon rope, a high visibility plastic float, and a plastic clip. This setup is perfect for anchoring in shallow water.

Description	Part Number
Mushroom Anchor	MAR-ANCHR-MR-08



### YAMAHA VINYL COATED ANCHOR KIT \*NEW FOR 2026

This supporting anchor kit features:

- A 4,9kg vinyl coated anchor and chain, which helps prevent corrosion as well as scratched hulls.
- 30,5 meter rope with a snap hook.
- Genuine Yamaha bag for easy storing and transport.

This anchor kit make it an ideal back up solution for a boat up to 7,5 meters depending on the boat type.

Description	Part Number
Vinyl Coated Anchor Kit	MAR-ANCHR-KT

### YAMAHA BOAT SAND STAKE KIT \*NEW FOR 2026

Allows you to anchor your Yamaha boat on a sandy beach. Simply screw the stake into the sand, remove the handle and attach the rope 7,6 Mt of heavy-duty rope. Storage bag is included.

Description	Part Number
Boat Sand Stake Kit	MAR-SANDS-TK-KT



# Accessories

## BOAT LANYARD WITH WHISTLE \*NEW FOR 2026

Be Prepared, always carry a spare kill switch lanyard for your Yamaha outboard engine. If you lose or break your kill switch key, for whatever reason, you will not be able to start your engine. Most marinas do not stock replacement keys, so your much deserved day out on the boat will be ruined. Be aware that a spare kill switch is mandatory by law in some countries. Floats for added convenience. Includes wrist strap, coiled cord, whistle, and ignition clip for stop switch. Available in several colors.

Description	Part Number
Boat Lanyard with whistle Silver	MAR-SPTLN-YD-SV (Silver)
Boat Lanyard with whistle Blue	MAR-SPTLN-YD-BL (Blue)
Boat Lanyard with whistle Black	MAR-SPTLN-YD-BK (Black)
Boat Lanyard with whistle Red	MAR-SPTLN-YD-RD (Red)



## TRAILER SUPPORT

The Yamaha Trailer Support stops your outboard motor moving excessively whilst your boat is being towed on a trailer. Quickly and easily installed over the port trim rod, this support prevents long term damage to both the boat and the engine. One Yamaha Trailer Support will provide adequate support for the F115A up to V6 series. V8 models will require two supports. Please note this product does not work with the F115B or F130A.

Description	Part Number
Trailer Support	MAR-MTSPT-YM-10
Single trim ram support	MAR-MTSPT-SR-00

## YAMAHA TIE DOWNS

Both include two 25mm x 1.80m straps rated for 540 kg.

Description	Part Number
Blue, cam-lock buckle	ACC-0SS58-40-28
Blue, ratcheting	ACC-0SS58-40-30



## METRIC TOOL KIT

Comprehensive tool set that prepares you for just about anything

Description	Part Number
Metric Tool Kit	ABA-METRC-00-00

## ENGINE HOUR METER

Keeps track of the running time of your engine for the next maintenance.

Description	Part Number
Hour Tacho Meter 4 Stroke	ENG-METER-4C-01
Hour Tacho Meter 2 Stroke	ENG-METER-2C-01







## Yamalube lubricants and Careline marine products

With a genuine cover, you can experience ultimate protection for your Waverunner during storage and transportation. Crafted from heavy-duty UV-resistant canvas, this weather-resistant trailering cover protects your Waverunner from the elements. Zippered openings provide easy access to mooring cleats, storage boxes, and the fuel tank.

### QUALITY PROTECTION FOR EXTREME CONDITIONS

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Yamalube is designed to work at its best under pressure - the sort it will face every day in Yamaha's mighty XTO.

### HELPING ENGINES TO LIVE LONGER

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By minimizing engineering enemies like spark-plug fouling, ring-sticking and pre-ignition, Yamalube oil protects engines better - for longer.

### KEEPING YOUR ENGINE CLEANER

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The powerful, efficient action of the anti-oxidants in Yamalube marine lubricants keep engine components clean and prevent the formation of sludge.

### ANTI-CORROSION AND ANTI-RUST

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Special features fight corrosion and rust, ensuring maximum protection of the engine's internal components against the hazards of the marine environment.

### FORMULATED TO NMMA STANDARDS

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To be certified by the NMMA (National Marine Manufacturers Association) engine oils must meet their stringent standards for viscosity, corrosion, filter-plugging, foaming and aeration.

### FORMULATED TO NMMA STANDARDS

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To be certified by the NMMA (National Marine Manufacturers Association) engine oils must meet their stringent standards for viscosity, corrosion, filter-plugging, foaming and aeration.

## Waverunner Covers

With a genuine cover, you can experience ultimate protection for your Waverunner during storage and transportation. Crafted from heavy-duty UV-resistant canvas, this weather-resistant trailering cover protects your Waverunner from the elements. Zippered openings provide easy access to mooring cleats, storage boxes, and the fuel tank.



All covers will feature:

- Clean Tailormade Design: Each cover shares the model name on the side
- UV Resistant Fabric: Protects the cover from sun damage.
- Water Resistant: Keeps your Waverunner dry.
- Trailer Transport Ready: Usable for trailer transport on the highway.
- Easy Openings: Allows for refilling fuel and accessing the storage compartment during transport/covering.

In the complete overview, below you will find the complete WR covers that will be offered through YME for current and older models:



### NEW CURRENT WAVERUNNER COVERS

Model	MY	Color	Part Number
VX SERIES	2021~	Black/Grey	MWV-CVRVX-MC-23
FX SERIES	2019~	Black/Grey	MWV-CVRRCR-CH-19
GP SERIES	2021~	Black/Grey	MWV-CVRGP-MC-24
SUPERJET	2021~	Black/Grey	MWV-CVRSJ-MC-21
JETBLASTER MY 22-24	2022-2024	Black/Grey	MWV-CVRJB-BK-22
JETBLASTER 2 up seat	2025~	Black/Grey	MWV-CVRJB-2U-25
JETBLASTER 3 up seat *NEW	2026~	Black/Grey	MWV-CVRJB-3U-25
JETBLASTER 3 up Seat	2026~	Black	MWV-CVRJB-3U-25



### WAVERUNNER WITH RECDECK COVERS

Model	MY	Color	Part Number
FX with RECDECK	2019~	Black	MWV-CVRFX-RD-21
VX with RECDECK	2021~	Black	MWV-CVRVX-RD-21
GP with RECDECK	2019~	Black	MWV-CVRGP-RD-24

**WAVERUNNER DAY COVERS**

Model	MY	Color	Part Number
VX/GP SERIES	2021~	Black	MWV-CVRVX-DC-21
FX SERIES	2019~	Black	MWV-CVRFX-DC-19

**PREVIOUS YEAR WAVERUNNER COVERS**

Model	MY	Color	Part Number
EX SERIES	2017~	Black/ Charcoal	MWV-CVREX-BS-19
EX DELUXE/SPORT	2017~	Black/ Charcoal	MWV-CVREX-DL-19
VX Cruiser	2007-2009	Black	MWV-UNIVX-01-19
VX Cruiser	2010-2014	Black/ Charcoal	MWV-CVRVX-CR-10
VX Cruiser	2015-2020	Black/ Charcoal	MWV-CVRVX-CR-19
VX-C/VX/VX DELUXE SPORT SERIES	2005-2009	Black	MWV-UNIVX-00-19
VX-C/VX/VX DELUXE SPORT SERIES	2010-2014	Black/ Charcoal	MWV-CVRVX-BC-10
VX-C/VX/VX DELUXE SPORT SERIES	2015-2020	Black/ Charcoal	MWV-CVRVX-BC-19
FX SERIES	2006-2008	Black	MWV-UNIFX-02-19
FX SERIES	2009-2011	Black	MWV-UNIFX-CR-19
FX SERIES	2012-2018	Black/ Charcoal	MWV-CVRFX-CH-18
FX CRUISER SERIES	2012-2019	Black/ Charcoal	MWV-CVRCR-CH-18
GP1800R SERIES	2017-2020	Black/ Charcoal	MWV-CVRGP-00-19
FZS SERIES	2009-2016	Black/ Charcoal	MWV-CVRFZ-BG-18
VXR SERIES	2015-2019	Black/ Charcoal	MWV-CVRVR-BC-19
SUPERJET	2012-2020	Black	MWV-CVRSJ-GY-19

**COVER STORAGE BAG**

Yamaha's handy storage bag gives you a place to store your WaveRunner cover neatly while not in use. Made of the same durable material as the Yamaha WaveRunner cover.

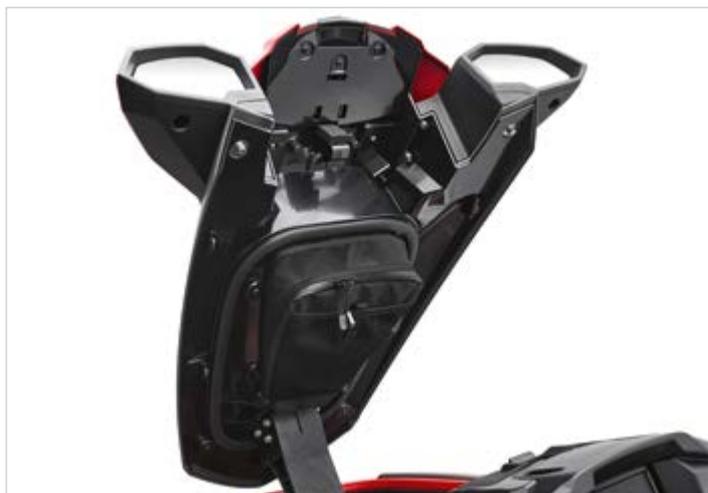
Cover Storage bag	MWV-WVRNR-BG-01
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## Storage solutions

### EXPAND YOUR ADVENTURE WITH YAMAHA WAVERUNNER STORAGE SOLUTIONS

Don't let limited space hold you back from enjoying a perfect day on the water. Yamaha offers a versatile range of genuine storage accessories for your WaveRunner—designed to help you bring everything you need, from extra towels to chilled beverages. Whether you're planning a relaxing cruise or an action-packed ride, Yamaha's storage solutions ensure you're fully equipped for the journey ahead.



#### UNDER HATCH STORAGE

Custom-made storage specifically designed for the bow storage of VX Series WaveRunners.

- Features mesh dock line pockets.
- 2.2 [kg] weight limit.

VX Under Hatch Storage	F4N-U511A-V0-00
FX Under Hatch Storage	F5G-U511A-V0-00
GP Under Hatch Bag	F4P-U511A-V0-00



#### GLOVE BOX ORGANIZER

Custom-made glove box organizer specifically designed for the FX Series WaveRunners.

- Two Integrated zippered phone holder pockets.
- Removable Velcro dividers.
- Cutouts to allow access to WaveRunner outlets.

FX Glove Box Organizer	F5G-F841P-V0-00
VX Glove Box Organizer	F4N-F841P-V0-00
GP Glove Box Organizer	F4P-F841P-V0-00



#### STERN STORAGE

Compression-molded Stern Storage bag adds to the already abundant storage to ensure you can bring everything you need for long trips on the water.

VX Stern Storage	VX DELUXE / VX CRUISER / VX CRUISER HO 2019-2020	F2X-U89A1-V0-00
FX Stern Storage	50L	F3X-U89A1-V0-00
VX/GP Stern storage	40L 2021	F4N-U89A1-V0-00
Jetblaster Stern Storage	20L 2025	F5P-U89A1-V0-00



**JETBLASTER MOLDED SIDE STORAGE**

MY2025 JetBlaster Molded side storage 25L capacity F5P-U4976-V0-00



**COOLER BAG**

This cooler is ideal for keeping your drinks and snacks cool while on the water, or for any other outdoor activity. The zipped storage compartment easily holds 18 cans plus ice. The waterproof liner and high-density insulation keeps ice comparable to industry leading brands. It also fits in the bow storage compartment of the FX, VX and GP series WaveRunners or in the external stern storage

Cooler Bag 45 L x 38 W x 25 D [cm] F2X-F847U-V0-00



**STORAGE PACK**

Need to bring along items that you do not want to move around in the storage compartment or get wet, such as keys, wallets, pagers or cell phones? This pack is your answer.

Storage pack MWV-BOWPA-CK-00



## Audio

### BRING THE BEAT TO THE WATER WITH YAMAHA AUDIO ACCESSORIES

Make the waves dance beneath your WaveRunner and turn every ride into a celebration. Select Yamaha models offer the exciting ability to stream your favorite music directly from your watercraft, adding a whole new rhythm to your adventures.

But the fun doesn't stop there—these audio systems also double as detachable, stand-alone speakers. Simply remove them from your WaveRunner and keep the party going on the beach, at the dock, or wherever your day takes you.



#### FOOTWELL SPEAKERS FOR GP/VX

Footwell speakers Black	F4N-H81C0-S0-00
Footwell speakers White	F4N-H81C0-R0-00



#### VX/EX/JETBLASTER SPEAKER KIT

- VX/EX/JetBlaster series Bluetooth speakers by EcoXGear
  - Custom FX cup holder mounts and supporting hardware.
  - IP67 Waterproof / Shock resistant / Floating.
  - 15+ hours of playtime.
  - Marine grade materials.
  - EcoTalk button for easy activation of Siri & Google voice.
  - EcoConnect paired out of the box, for stereo listening.
  - Bluetooth 4.2 streams wirelessly from up to 30 meters away.
- Fits VX from MY2021/EX MY2019/JetBlaster < 2024

VX/EX/JetBlaster Speaker EU Kit	F3Y-H81C0-TE-00
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#### FOOTWELL SPEAKERS FOR EX/EXR/JETBLASTER < MY24\* AVAILABLE UNTIL STOCK IS DEPLETED

Removable, floating wireless Bluetooth footwell speakers features a quick-release mechanism for charging and listening on the beach. Mounting brackets are permanently mounted on unit.

Footwell speakers Black	F3Y-H81C0-S0-00
Footwell speakers White	F3Y-H81C0-R0-00



**MY 25 JETBLASTER FOOTWELL SPEAKERS**

Removable, wireless Bluetooth footwell speakers with EcoCast technology.

- Mounting brackets are permanently mounted on unit.
- Speakers are quick-release removable for charging, listening on the beach, etc.
- Speakers float and play at the same time.
- Up to 50 hours of battery life.
- EcoCast enables 1 device to connect with over 100 other devices.
- 65 watts and 3 speakers per housing (5.25" woofer, 3.7" mid-range, 1" tweeter)

MY 25 JetBlaster Footwell Speakers F5P-H81C0-V0-00



**SUPERJET AUDIO BRACKET\* AVAILABLE UNTIL STOCK IS DEPLETED**

Solidly build, it allows you to bring your favorite tunes through adrenaline filled rough waves.

- Includes 1/4 inch mounts that can be used with a GoPro or other attachments. Bracket to be used in combination with the VX speaker set: F3Y-H81C0-TE-00

Superjet audio bracket F4R-H81M0-V0



**SUPERJET HANDLEPOLE PACK**

Custom molded, soft-goods material provides additional storage for personal items. Mounts easily onto the handlebars with clips.

- Weather resistant.

Superjet Handlepole pack F4R-F847U-V0



**SUPERJET FOOTWELL PACK**

Custom molded, soft-goods material provides a water-resistant storage for personal items. Features an interior dry bag. Mounts easily with Velcro straps.

- Weather resistant

WR - Superjet Footwell Pack F4R-F847U-T0



## RecDeck

### CUSTOMIZE YOUR FX / VX / GP WAVERUNNER FOR WHEREVER YOUR ADVENTURES TAKE YOU

Yamaha's innovative RecDeck™ is a first of its kind platform that extends the usable space on the stern and pairs with a multi-use rack and related lifestyle accessories for all new experiences on the water.

Packages include JetFish and Lounging so whether you want to catch the next big one or chill in style and comfort this line of accessories powers a new passion for what you can do on the water



### RECDECK

The innovative RecDeck is a first of its kind platform, that extends the usable space on the stern and pairs with a multi-use rack and related lifestyle accessories for all new experiences on the water. Packages include JetFish and Lounging so whether you want to catch the next big one or chill in style and comfort, this brand new line of accessories powers a new passion for what you can do on the water.

- Versatile multi-use platform to enhance on-water versatility.
- Full-length reboarding ladder integration.
- Has tracks to accept other accessories.
- Has MarineMat deck.
- Has 4 cleats to accept Multi-Use Rack and/or other accessories.

FX Recdeck	F3X-U53A0-V0
VX & GP Recdeck	F4N-U53A0-V0



### ROD HOLDER

Fishing rod holder that mounts to the track on the RecDeck

- Removable.
- Adjustable.

Track mounted Rod holder	MWV-RAMTU-TK-22
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### COOLER SADDLE BAGS

Designed to be used with the RecDeck Multi-Use Rack, these saddlebags attach via Velcro straps for easy on/off attachment. The cooler insulated space allows the bags to be used as a lunchbox or to stow frequently used items while on the water.

- Has 5 [l] capacity.

Cooler Saddle Bag	F3X-F847U-V0
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## RECDECK MULTI-USE RACK

The Multi-Use Rack links with the RecDeck Platform to secure coolers and also serves as the seat structure for the Lounge Package.

-The Multi-Use Rack is width adjustable up to 72 [cm].

-Has mounting holes on the side to accept rod holders and other accessories.

WR - Recdeck Multi-use Rack

F3X-F48A0-V0



## RECDECK MOORING COVER

Protects the units and the RecDeck during storage and transportation.

-UV Resistant.

-Wear resistant.

FX Recdeck Mooring cover

MWV-CVRFX-RD-21

VX Recdeck Mooring cover

MWV-CVRVX-RD-21

GP Recdeck Mooring cover

MWV-CVRGP-RD-24



## RECDECK STORAGE

RecDeck Touring Bag 60ltr

F5G-F847U-V0-00

RecDeck Stern mounted Storage 50ltr

F5G-U89A1-V0-00



## RECDECK SHADE KIT\* AVAILABLE UNTIL STOCK IS DEPLETED

The RecDeck Shade Kit pairs with the RecDeck to keep you cool while lounging in the sun. Compatible with FX, VX, and GP models equipped with the RecDeck. Includes storage bag.

RecDeck Shade kit

F5G-U31A0-V0-00





**JETFISH PACKAGE**

The Yamaha RecDeck Jetfish Package includes an Engel 45 JetFish branded cooler, two rod holders, two cupholders and tie-down straps (sold separately). The RecDeck Jetfish Package is an all new experience on the water with its multi-functual cooler and accessories.

Key Features:

- Includes the Engel 45 JetFish branded cooler
- Two rod holders is included
- Two cupholders is included
- Includes required tie-down straps

Premium Jetfish package F3X-U5909-V0-00



**LOUNGE PACKAGE**

Lounge seat for the recdeck.

- Folding Chair.
- Two saddlebags.

Recdeck lounge package F3X-U3730-V0-00



**Footwell mats**



**FOOTWELL MATS FOR MY20 JETBLASTER**

Marine Mat stick on mat kit adds non-skid padding to the JetBlaster footwells, providing extra grip and comfort for the rider's feet.

JetBlaster Footwell mats Deluxe F5P-U3580-V0-00  
 JetBlaster Footwell mats Pro F5P-U3580-T0-00



## WaveRunner Accessories

Why Choose Genuine Yamaha Accessories?

- Superior quality and durability
- Perfect fit and finish
- Warranty-backed protection
- Expert support and installation
- Enhanced resale value



### FENDER WAVERUNNER

Engineered specifically for WaveRunners. Easy to hang wherever your craft needs protection.

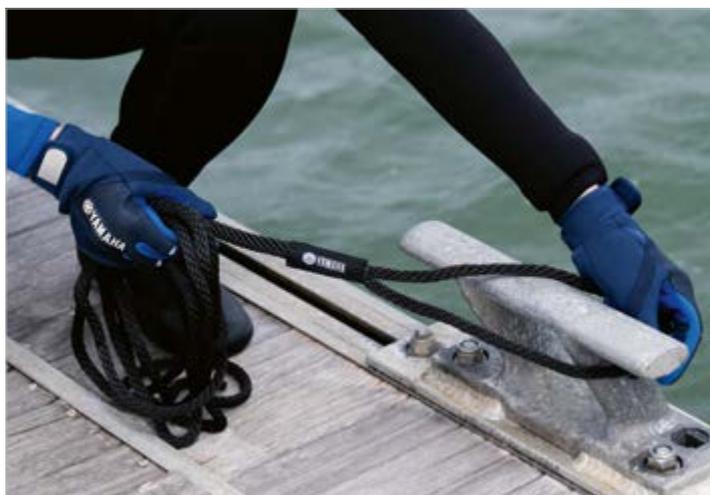
Fender Waverunner Blue	MWV-WVRNR-HH-BL
Fender Waverunner Black	MWV-WVRNR-HH-BK



### PWC FENDER SET

Protecting your PWC has never been simpler. These PWC fenders clip easily to your WaveRunner to provide protection from bumps, knocks and scratches when mooring. This small and compact design makes them extremely convenient to stowed on your PWC for use anywhere!

Fender Set Black	MWV-FENDR-BK-10
Fender Set White	MWV-FENDR-WH-10



### WAVERUNNER DOCK LINE

To easily dock your WaveRunner get the Yamaha dockline, made of floating multi-filament polypropylene, oil, gas, UV, mildew & salt water resistant. Black, 1cm diameter line.

Waverunner Dock Line, 3.65m (12ft)	MWV-DLDE3-12-BK
Waverunner Dock Line, 4.55m (15ft)	MWV-DLDE3-15-BK



**PULL-UP CLEAT**

This pop-up cleat can be easily retrofitted and stows flush to maintain the sleek lines of your WaveRunner. A simple and stylish way to tether your ride.

Pull-up Cleat MWV-PUCLE-AT-24



**FOLDING RE-BOARDING STEP**

Provides a wide-step surface for ease of boarding, especially in deep water.

Fits '05-14 VX, 11-14 VXS and 14-15 V1 MWV-FSTEP-VX-11  
 Fits VX '15 and newer MWV-FSTEP-VX-17



**FLOATING WRIST LANYARDS**

Floating wrist Lanyards Black MWV-LANCD-00-BK  
 Floating wrist Lanyards Red MWV-LANCD-00-RD  
 Floating wrist Lanyards Yellow MWV-LANCD-00-YL  
 Floating wrist Lanyards Blue MWV-LANCD-98-12



**COMPACT BOAT PADDLE**

This lightweight paddle adjusts easily and is measured at 86cm when assembled. A section of the aluminum shaft disappears inside the blade to allow for ultra-compact storage under boat seats or in WaveRunner storage compartments. The corrosion-resistant aluminum shaft, hassle-free locking device and high-impact molded blade and boat hook handle ensure years of service.

Compact Boat Paddle MAR-DLXPA-DL-42





## WAVERUNNER SOFT STYLE ANCHOR

Popular, easy-to-use anchor bag system. Simply fill the anchor bag with heavy objects such as rocks or sand and close with the plastic, non-corrosive zipper. BEACH SAND ANCHOR KIT. Includes a 10m polypropylene rope and a sturdy float and snap.

WaveRunner Soft style Anchor

MWV-ANCHR-BG-00



## WAVERUNNER ANCHOR

This anchor is designed for those needing an anchor without the hassle of carrying large, heavy ones. This anchor attaches easily and is designed to be hand set. Includes 5m of heavy-duty line. Stores in its own handy storage bag.

WaveRunner Anchor

MWV-ANCHR-WR-00



## REPLACEMENT FLUSH HOSE

Replacement Flush Hose Blue

MWV-FLUSH-HS-BL

Replacement Flush Hose Red

MWV-FLUSH-HS-RD



## FLUSHING ADAPTER

Flushing Adapter

67X-E2590-10-00

Flushing Adapter

67X-E2590-00-00

## LANYARD

Lanyard

EW2-68348-00-00

## SKI ROPE FLOATS

Ski Rope Floats are designed to assist in keeping ski ropes away from the impeller intake on your Yamaha Boat or WaveRunner. It also helps prevent them from being ingested by the pump.

Ski Rope Floats Black	MAR-RPFLT-BK-48
Ski Rope Floats Blue	MAR-RPFLT-BL-48



## YAMAHA WAKESURF ROPE

- 23' rope
- 5 tie-off loops, 3 ft apart
- integrated rope floats
- 10" wide handle grip

Wakesurf Rope	SBT-YSPRP-GR-19
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## YAMAHA FENDER

Yamaha Branded to protect your WR or Boat from damages.

Fender White 20 Inch	MAR-FENDR-WH-20
Fender White 16 Inch	MAR-FENDR-WH-16
Fender Blue 20 Inch	MAR-FENDR-00-20
Fender Blue 16 Inch	MAR-FENDR-00-16



## WAVERUNNER LIFTING HARNESS

Very useful in moving even the heaviest PWC. Brackets grip tight and are vinyl coated to help protect the finish. Two large stainless steel D-rings can be easily connected to a davit or other suitable lifting mechanism. Double-layer, high-strength webbing has superior UV and saltwater resistance. Rated up to 500kg.

WaveRunner Lifting Harness	MWV-LFTHR-ES-10
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## Maintenance Essential



### OIL FILTERS

WaveRunner Models ('17-'22)	Part Number
EX /EX DLX/ EX LTD/ EXR/ EX SPORT/ JetBlaster/ SuperJet 4st/ VX/ VX-C/ VX CR/ VX CR HO/ VX DLX/ VX LTD	5GH-13440-61-00
FX HO/ FX CR HO/ FX SVHO/ FX CR SVHO/ FX CR LTD SVHO/ GP1800/ GP 1800R HO/ GP 1800R SVHO/ VX CR HO/ VXR	69J-13440-04-00



### NGK SPARK PLUGS

WaveRunner Models ('17-'22)	NGK Ref	Part Number
EX /EX DLX/ EX LTD/ EXR/ EX SPORT/ JetBlaster/ SuperJet 4st/ VX/	CR9EB	94702-00409-00
VX-C/ VX CR/ VX DLX/ VX LTD		
FX HO/ FX CR HO/ GP 1800R HO/ VX CR HO/ VXR	LFR6A	94702-00427-00
FX SVHO/ FX CR SVHO/ FX CR LTD SVHO/ GP1800/ GP 1800R SVHO	LFR7A	94702-00435-00
SuperJet 2st	BR7HS	94701-00110-00



### AIR FILTERS

WaveRunner Models ('17-'22)	Part Number
EX /EX DLX/ EX LTD/ EXR/ EX SPORT/ JetBlaster/ SuperJet 4st/ VX/ VX-C/ VX CR/ VX DLX/ VX LTD	6EY-14451-00-00
FX HO/ FX CR HO/ FX SVHO/ FX CR SVHO/ FX CR LTD SVHO/ GP1800/ GP 1800R HO/ GP 1800R SVHO/ VX CR HO/ VXR	6S5-E4451-01-00
SuperJet 2st	62T-14451-00-00



### IMPELLERS

WaveRunner Models ('17-'22) Part Number	Part Number
GP 1800R HO ('20)/ VX CR HO ('17-'20)/ VXR ('17-'19)	6AP-R1321-20-00
FX HO ('17-'20)/ FX CR HO ('17-'20)	6BH-R1321-01-00
FX HO ('21-'22)/ FX CR HO ('21-'22)	6BH-R1321-10-00
FX SVHO ('17-'19)/ FX CR SVHO ('17-'19)/ FX CR LTD SVHO ('17)	6ET-R1321-00-00
FX SVHO ('20-'22)/ FX CR SVHO ('20-'22)	6ET-R1321-10-00
GP 1800 ('17-'19)/ GP 1800R SVHO ('20-'22)	6EV-R1321-00-00
VX ('17-'20)/ VX-C ('19-'20)/ VX CR ('17-'18)/ VX DLX ('17-'18)/ VX LTD ('20)	6EY-R1321-01-00
EX ('17-'20)/ EX DLX ('17-'20)/ EX LTD ('21)/ EX SPORT ('17-'21)	6GA-R1321-00-00
EXR ('19-'21)/ JetBlaster ('22)	6GY-R1321-02-00
GP 1800R HO ('21-'22)/ VX CR HO ('21-'22)	6JP-R1321-00-00
VX ('21-'22)/ VX CR ('21)/ VX DLX ('21)	6JS-R1321-00-00
VX-C ('21-'22)	6JT-R1321-00-00
SuperJet 2st	6BA-51321-00-00
SuperJet 4st	6JF-R1321-00-00



### ANODES

WaveRunner Models ('17-'22)	Part Number
EX /EX DLX/ EX LTD/ EXR/ EX SPORT/ FX HO/ FX CR HO/ FX SVHO/ FX CR SVHO/ FX CR LTD SVHO/ GP1800/ GP 1800R HO/ GP 1800R SVHO/ JetBlaster/ SuperJet 4st/ VX/ VX-C/ VX CR/ VX CR HO/ VX DLX/ VX LTD/ VX CR HO/ VXR	68V-11325-02-00 67F-11328-01-00
SuperJet 2st	6E5-11325-00-00



### WAVERUNNER BATTERY

Dry charge WaveRunner battery.	
Description	Part Number
Battery YUASA YB16CLB (19AH)	EU0-82110-09-00

## BS BATTERY

Sealed and factory activated battery line by BS.

- No acid handling, Ready & easy to use and Multi-positional fitment

Description	Max Size (mm)	Part Number
12V-19Ah-260A	175x100x175	90798-3BB16-CL
12V-18A -260A	1475x87x155	90798-3BTX2-0L



## Marine Service Kit

### WAVERUNNER SERVICE KIT

#### KITRENTWRT00

Description	Qty	Part Number
Oil Filter	1	5GH1344080
Spark Plugs	3	9470200409
Air Filter	1	6EY1445100
Thermostat	1	6D31241100

## Yamalube

### YAMALUBE S4-M 10W40 SEMI SYNTHETIC MARINE OIL

Yamalube® Synthetic 10W40 Marine Oil is a versatile, high-quality performance oil designed for the unique marine demands of Yamaha 4-stroke outboards and WaveRunners.

#### FEATURES & BENEFITS

Highly advanced formula exceeds API SJ standards for long engine life and wear protection.

Anti-oxidation, anti-foam and thermal resistance properties prevent deposits around seals.

Unique corrosion inhibitor protects essential engine parts both at idle and in operation.

Suitable for: Outboard Engines, WaveRunner.

Packaging Size	Pack Lot	Part Number
1 L	12x	YMD-63060-01-01
5 L	4x	YMD-63060-05-01
20L	1x	YMD-63060-20-01
60 L	1x	YMD-63060-60-01
208 L	1x	YMD-63062-08-01



### YAMALUBE S2-W SEMI SYNTHETIC WAVERUNNER OIL

Yamalube® Semi-Synthetic WaveRunner Oil is a high-quality performance oil designed for the extreme conditions and speeds endured by Yamaha WaveRunners, and is suitable for premix and direct oil injection systems.

#### FEATURES & BENEFITS

Low ash formula reduces plug fouling and prevents pre-ignition.

Good lubricity and anti-scuffing protection for smooth engine operation.

Excellent anti-rust and anti-corrosion protection.

Cleaning and dispersing formula reduces deposits on pistons and piston rings.

Minimizes exhaust smoke production.

Packaging Size	Pack Lot	Part Number
1 L	12x	YMD-63023-01-11
5 L	4x	YMD-63023-05-11



## YAM Boats Accessories

PART NAME	MODEL	PART NUMBER	T-Series		S-Series				Air-Series			TAF-Series		
			200T	240T	275S	310S	340S	380S	240 Air	275 Air	310 Air (V)	270 Taf	310 Taf	350 Taf
JOCKEY SEAT FOR 2 PASSENGERS	310Taf/350Taf	SSCLA0002017	No	No	No	No	No	No	No	No	No	No	Yes	Yes
AL CONSOLE W/O SIDE SEAT WITH	310Taf	SSCLA0002020	No	No	No	No	No	No	No	No	No	No	Yes	Yes
AL CONSOLE WITH SIDE SEAT WITH	350Taf	SSCLA0002021	No	No	No	No	No	No	No	No	No	No	No	Yes
AL BACKSEAT FOR 2 PASSENGERS	310Taf/350Taf	SSCLA0002022	No	No	No	No	No	No	No	No	No	No	Yes	Yes
FOLDING BAG S BLUE	YAM-200T	SSCLH0001001	Yes	No	No	No	No	No	No	No	No	No	No	No
FOLDING BAG M BLUE	YAM-240T YAM-275/310S YAM-240/275/310Air V	SSCLH0001002	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No
FOLDING BAG L BLUE	YAM-340/380S	SSCLH0001003	No	No	No	No	Yes	Yes	No	No	No	No	No	Yes
FLOOR FOLDING BAG EM BLUE	YAM-275/310S	SSCLH0001005	No	No	Yes	Yes	No	No	No	No	No	Yes	Yes	No
FLOOR FOLDING BAG EL BLUE	YAM-340/380S	SSCLH0001006	No	No	No	No	Yes	Yes	No	No	No	No	No	Yes
BOW COVER BLACK FOR 340/380S	YAM-340/380S	SSCLH0007303	No	No	No	No	Yes	Yes	No	No	No	No	No	Yes
BOW COVER BLACK FOR 240Air WITH SEA SMALL D-RING	YAM-240Air	SSCLH0007304	No	No	No	No	No	No	Yes	No	No	No	No	No
BOW COVER BLACK FOR 275/310S/275/310Air-V WITH SEA SMALL D-RING	YAM-275/310S YAM-275/310Air-V	SSCLH0007305	No	No	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	No
BOW COVER BLACK FOR 340/380S WITH SEA SMALL D-RING	YAM-340/380S	SSCLH0007306	No	No	No	No	Yes	Yes	No	No	No	No	No	Yes
BOAT COVER BLACK FOR 310S	YAM-310S	SSCLH0007403	No	No	No	Yes	No	No	No	No	No	No	Yes	No
BOAT COVER BLACK FOR 340S	YAM-340S	SSCLH0007404	No	No	No	No	Yes	No	No	No	No	No	No	Yes
BOAT COVER BLACK FOR 380S	YAM-380S	SSCLH0007405	No	No	No	No	No	Yes	No	No	No	No	No	No
BOAT COVER LIGHT GREY FOR 240Air	YAM-240Air	SSCLH0007412	No	No	No	No	No	No	Yes	No	No	No	No	No
BOAT COVER BLACK FOR 275S/275Air	YAM-275S YAM-275Air	SSCLH0007413	No	No	Yes	No	No	No	No	Yes	No	Yes	No	No
BOAT COVER BLACK FOR 310S/310Air V	YAM-310S YAM-310Air V	SSCLH0007414	No	No	No	Yes	No	No	No	No	Yes	No	Yes	No
BOAT COVER BLACK FOR 340S	YAM-340S	SSCLH0007415	No	No	No	No	Yes	No	No	No	No	No	No	Yes
BOAT COVER BLACK FOR 380S	YAM-380S	SSCLH0007416	No	No	No	No	No	Yes	No	No	No	No	No	No
COVER BLACK FOR YAM 270TAF	YAM-270 TAF	SSCLH0005106	No	No	No	No	No	No	No	No	No	Yes	No	No
COVER BLACK YAM 270TAF W JOCKEY-SEAT	YAM-270 TAF	SSCLH0005109	No	No	No	No	No	No	No	No	No	Yes	No	No
COVER BLACK FOR YAM 310TAF	YAM-310 TAF	SSCLH0005107	No	No	No	No	No	No	No	No	No	No	Yes	No
COVER BLK YAM 310TAF W JOCKEY-SEAT	YAM-310 TAF	SSCLH0005110	No	No	No	No	No	No	No	No	No	No	Yes	No
CVR BL YAM 310TAF WITH CONSOLE (W/O SIDE SEAT) AND BACKSEAT INSTALLED	YAM-310 TAF	SSCLH0005111	No	No	No	No	No	No	No	No	No	No	Yes	No
COVER BLACK FOR YAM 350TAF	YAM-350 TAF	SSCLH0005108	No	No	No	No	No	No	No	No	No	No	No	Yes
BOAT COVER BLACK FOR YAM 350TAF WITH CONSOLE(WITH SIDE SEAT) AND BACKSEAT INSTALLED	YAM-350 TAF	SSCLH0005112	No	No	No	No	No	No	No	No	No	No	No	Yes
CVR BL YAM 350TAF WITH CONSOLE (W/O SIDE SEAT) AND BACKSEAT INSTALLED	YAM-350 TAF	SSCLH0005113	No	No	No	No	No	No	No	No	No	No	No	Yes
BOAT COVER LIGHT GREY FOR 200T	YAM-200T	SSCLH0007421	Yes	No	No	No	No	No	No	No	No	No	No	No
BOAT COVER LIGHT GREY FOR 240T	YAM-240T	SSCLH0007422	No	Yes	No	No	No	No	No	No	No	No	No	No
BOAT COVER GREY PVC FABRIC	YAM-310S YAM-310Air V	SSCLH0007425	No	No	No	Yes	No	No	No	No	Yes	No	Yes	No
BOAT COVER GREY PVC FABRIC	YAM-340S	SSCLH0007426	No	No	No	No	Yes	No	No	No	No	No	No	Yes
SADDLE BAG BLACK LOGO 75CM	YAM-240/275S YAM-310Air V	SSCLH0007501	No	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes
SADDLE BAG BLACK WITH LOGO FOR SEAT 75CM	YAM-275/310/340/380S YAM-240/275/310Air V	SSCLH0007504	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MANOTER WITH RUBBER PROTECTION FOR VALVE	YAM-275/310/340/380S YAM-240/275/310Air V	SSCL00024102	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes



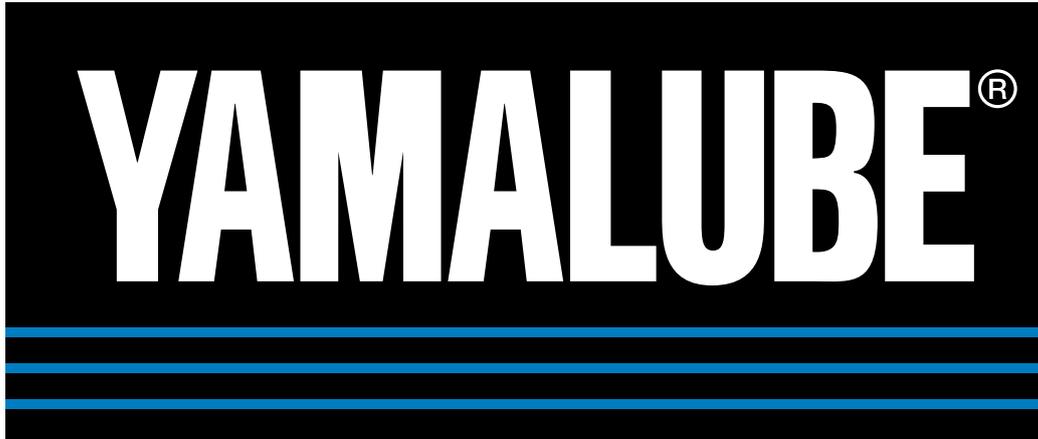
## YAM Boats Parts List for 2026 season models

PART NAME	MODEL	PART NUMBER	YAM-200T	YAM-240T	YAM-275S	YAM-310S	YAM-340S	YAM-380S	YAM-240Air	YAM-275Air	YAM-310AirV	YAM-350AirV	YAM-420S
PVC FABRIC TUBE WHITE	YAM-200/240T, YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V	SSCL00018019	YES	YES	YES	YES	NO						
PVC FABRIC TUBE BLACK GREY	YAM-420S	SSCL00001417	NO	NO	NO	NO	YES						
PVC BOTTOM FABRIC L/GREY	YAM-200/240T, YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V, YAM-420S	SSCL00180149	YES	YES	YES	YES	YES						
CONE ROUND 90cGREY	YAM-200/240T	SSCL00006104	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
DISK CONE BIG GREY	YAM-275/310/340/380S, YAM-240/275/310/350Air V, YAM-420S	SSCL00061015	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES
VALVE	YAM-200/240T, YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V, YAM-420S	SSCL00009106	YES	YES	YES	YES	YES						
VALVE BASE	YAM-200/240T, YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V, YAM-420S	SSCL00091061	YES	YES	YES	YES	YES						
VALVE	YAM-200/240T, YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V, YAM-420S	SSCL00091062	YES	YES	YES	YES	YES						
VALVE CAP	YAM-200/240T, YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V, YAM-420S	SSCL00091063	YES	YES	YES	YES	YES						
PVC SEAT PATCH WHITE	YAM-200/240T, YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V	SSCL00450013	YES	YES	YES	YES	NO						
PVC SEAT PATCH BLACK GREY	YAM-420S	SSCL00450015	NO	NO	NO	NO	YES						
TRANSOM HOLDER 18MM GREY	YAM-200/240T/240Air	SSCL00007102	YES	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO
TRANSOM HOLDER 24MM GREY	YAM-275/310/340/380S, YAM-275Air, YAM-310/350Air V	SSCL00007104	NO	NO	YES	YES	YES	YES	NO	YES	YES	YES	NO
TRANSOM HOLDER 36MM BLACK	YAM-420S	SSCL00007108	NO	NO	NO	NO	YES						
TRANSOM COVER 18MM 85CM GREY	YAM-200/240T/240Air	SSCL00008929	YES	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO
TRANSOM COVER 24MM 90CM GREY	YAM-275/310/340/380S, YAM-275Air, YAM-310/350Air V	SSCL00008942	NO	NO	YES	YES	YES	YES	NO	YES	YES	YES	NO
TRANSOM COVER 36MM 125CM BLACK	YAM-420S	SSCL00008943	NO	NO	NO	NO	YES						
RUBBING BLACK GREY+1L/GREY 8CM RAISE	YAM-420S	SSCL00008353	NO	NO	NO	NO	YES						
RUBBING WHITE+1L/GREY 8CM RAISE	YAM-200/240T, YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V	SSCL00008305	YES	YES	YES	YES	NO						
TRIANGLE RUBBING L/GREY 130MM for 350VIB	YAM-310/350Air V	SSCL00008806	NO	NO	YES	YES	NO						
TRIANGLE RUBBING L/GREY 38MM ON BOTTOM OF VIB MODELS	YAM-310/350Air V	SSCL00008802	NO	NO	YES	YES	NO						
RUBBING ALL BLACK 6CM WIDTH ON BOTTOM	YAM-275/310/340/380/420S	SSCL00081010	NO	NO	YES	YES	YES	YES	NO	NO	NO	NO	YES
PVC ANCHOR ROPE GREY	YAM-275/310/340/380S, YAM-275Air, YAM-310/350Air V, YAM-420S	SSCL00015302	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES
REPAIR KIT	YAM-200/240T, YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V, YAM-420S	SSCL00023110	YES	YES	YES	YES	YES						
PVC GLUE 30G	YAM-200/240T, YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V, YAM-420S	SSCL00023102	YES	YES	YES	YES	YES						
VALVE TOOL	YAM-200/240T, YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V, YAM-420S	SSCL00009130	YES	YES	YES	YES	YES						
VELCRO SYSTEM BLACK GREY	YAM-420S	SSCL00047011	NO	NO	NO	NO	YES						
PVC LIFTING HANDLE GREY	YAM-275/310/340/380S, YAM-275Air, YAM-310/350Air V, YAM-420S	SSCL00011106	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES
PVC FABRIC HANDLE WHITE+D/GREY	YAM-200/240T	SSCL00046027	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
PVC FABRIC HANDLE WHITE+D/GREY(BIG)	YAM-275/310/340/380S, YAM-275Air, YAM-310/350Air V	SSCL00046025	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	NO
PVC FABRIC HANDLE BLACK GREY+L/GREY	YAM-420S	SSCL00046026	NO	NO	NO	NO	YES						
LARGE D RING PATCH WHITE	YAM-200/240T, YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V	SSCL00450033	YES	YES	YES	YES	NO						
SMALL D RING PATCH WHITE	YAM-200/240T, YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V	SSCL00450053	YES	YES	YES	YES	NO						
MEDIUM D RING PATCH WHITE	YAM-200/240T, YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V	SSCL04500413	YES	YES	YES	YES	NO						
SUPER D RING PATCH WHITE	YAM-275/310/340/380S, YAM-240/275Air, YAM-310/350Air V	SSCL00450023	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	NO
LARGE D RING PATCH BLACK GREY	YAM-420S	SSCL00450036	NO	NO	NO	NO	YES						
SMALL D RING PATCH BLACK GREY	YAM-420S	SSCL04500510	NO	NO	NO	NO	YES						
MEDIUM D RING PATCH BLACK GREY	YAM-420S	SSCL45004114	NO	NO	NO	NO	YES						

PART NAME	MODEL	PART NUMBER	YAM-200T	YAM-240T	YAM-275S	YAM-310S	YAM-340S	YAM-380S	YAM-240Air	YAM-275Air	YAM-310AirV	YAM-350AirV	YAM-420S
SUPER D RING PATCH BLACK GREY	YAM-420S	SSCL04500216	NO	NO	NO	NO	YES						
TANK REST BLACK WITH BUCKLE 40mm	YAM-275/310/340/380S	SSCL00029404	NO	NO	YES	YES	YES	YES	NO	NO	NO	NO	YES
TANK REST GREY WITH BUCKLE 40mm	YAM-240/275Air;YAM-310/350Air V	SSCL00029401	NO	NO	NO	NO	NO	NO	YES	YES	YES	YES	NO
PVC PAD BLACK	YAM-420S	SSCL00013104	NO	NO	NO	NO	YES						
MOTOR PVC PLATE BLACK	YAM-420S	SSCL00013202	NO	NO	NO	NO	YES						
PVC PAD GREY	YAM-200/240T,YAM-275/310/340/380S,YAM-240/275Air;YAM-310/350Air V	SSCL00013103	YES	YES	YES	YES	NO						
MOTOR PVC PLATE GREY	YAM-200/240T,YAM-275/310/340/380S,YAM-240/275Air;YAM-310/350Air V	SSCL00013201	YES	YES	YES	YES	NO						
TOWING ROPE WHITE	YAM-200/240T,YAM-275/310/340/380S,YAM-240/275Air;YAM-310/350Air V	SSCL00031103	YES	YES	YES	YES	NO						
TOWING ROPE BLACK	YAM-420S	SSCL00031104	NO	NO	NO	NO	YES						
TELESCOPIC OAR BLACK	YAM-200/240T,YAM-275/310/340/380S,YAM-240/275Air;YAM-310/350Air V, YAM-420S	SSCL00010396	YES	YES	YES	YES	YES						
PUMP ASS'Y	YAM-200/240T, YAM-275/310/340/380S, YAM-420S	SSCL01910022	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	YES
HIGH PRESSURE PUMP ASS'Y	YAM-240/275Air;YAM-310/350Air V	SSCL01910051	NO	NO	NO	NO	NO	NO	YES	YES	YES	YES	NO
WOODEN SEAT 75CM L/GREY	YAM-200T,240AIR	SSCLD0200561	YES	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO
WOODEN SEAT 85CM L/GREY	YAM-240T,YAM-275/310/340S,YAM-240/275Air;YAM-310Air	SSCLD0200661	NO	YES	YES	YES	NO	NO	NO	YES	YES	NO	NO
WOODEN SEAT GREY (100CM)	YAM-340/380S,YAM-350AirV	SSCLD0200361	NO	NO	NO	NO	YES	YES	NO	NO	NO	YES	NO
WOODEN SEAT GREY (120CM)	YAM-420S	SSCLD0200461	NO	NO	NO	NO	YES						
PVC HOOK GREY	YAM-200/240T,YAM-275/310/340/380S,YAM-240/275Air;YAM-310/350Air V, YAM-420S	SSCL00021202	YES	YES	YES	YES	YES						
AL FLOOR GUARD 28*6CM	YAM-275/310S	SSCLB0501033	NO	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO
AL FLOOR GUARD 33*6CM	YAM-340/380S	SSCLB0501034	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	NO
STRINGER 1100mm YAM310S	YAM310S	SSCLC0004113	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO
STRINGER 700mm YAM340S	YAM-340S	SSCLC0004001	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO
STRINGER 900mm YAM 275S 340S	YAM-275/340S	SSCLC0004008	NO	NO	YES	NO	YES	NO	NO	NO	NO	NO	NO
NEW STRINGER 750mm YAM 380S	YAM-380S	SSCLC0004101	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO
NEW STRINGER 1100mm YAM 380S	YAM-380S	SSCLC0004103	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO
NEW STRINGER 1000mm YAM 420S	YAM-420S	SSCLC0004112	NO	NO	NO	NO	YES						
NEW STRINGER 1200mm YAM 420S	YAM-420S	SSCLC0004108	NO	NO	NO	NO	YES						
AL JOINER CAP LEFT	YAM-275/310/340S	SSCL00022207	NO	NO	YES	YES	YES	NO	NO	NO	NO	NO	NO
AL JOINER CAP RIGHT	YAM-275/310/340S	SSCL00022208	NO	NO	YES	YES	YES	NO	NO	NO	NO	NO	NO
AL JOINER CAP LEFT FOR YAM-380S,YAM-420S	YAM-380S,YAM-420S	SSCL00022210	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	YES
AL JOINER CAP RIGHT FOR YAM-380S,YAM-420S	YAM-380S,YAM-420S	SSCL00022209	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	YES
EYE NUT ON THE 18mm TRANSOM	YAM-240Air	SSCL00026001	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO
EYE NUT ON THE24mm TRANSOM	YAM-275Ai/310/350Air YAM-275s/310s	SSCL00026002	NO	NO	YES	YES	NO	NO	NO	YES	YES	YES	NO
EYE NUT ON THE 36mm TRANSOM	YAM-340/380S/420S	SSCL00026003	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES
KEEL L/GREY YAM-240AIR	YAM-240Air	SSCLG0005161	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO
KEEL L/GREY YAM-275S	YAM-275S	SSCLG0005162	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO
KEEL L/GREY YAM-310S	YAM-310S	SSCLG0005163	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO
KEEL L/GREY YAM-340S	YAM-340S	SSCLG0005164	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO
KEEL L/GREY YAM-380S	YAM-380S	SSCLG0005165	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO
KEEL L/GREY YAM-420S	YAM-420S	SSCLG0005166	NO	NO	NO	NO	YES						
WOODEN SLAT ONE SET(3PCS) FOR 200T	YAM-200T	SSCLE0001053	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
WOODEN SLAT 78*15CM	YAM-200T	SSCLE00010531	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
WOODEN SLAT ONE SET(4PCS) FOR 240T	YAM-240T	SSCLE0001052	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
WOODEN SLAT 86*15CM FOR 240T	YAM-240T	SSCLE00010521	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
ALLUMINIUM FLOOR SET FOR 275S	YAM-275S	SSCLC0001006	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO
WOODEN FLOOR #1 L/GREY FOR 275S	YAM-275S	SSCLC0010061	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO
ALUMINIUM FLOOR #2 FOR 275S	YAM-275S	SSCLC0010062	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO
ALUMINIUM FLOOR #3 FOR 275S	YAM-275S	SSCLC0010063	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO
ALUMINIUM FLOOR #4FOR 275S	YAM-275S	SSCLC0010064	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO
ALLUMINIUM FLOOR SET FOR 310S	YAM-310S	SSCLC0100821	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO
WOODEN FLOOR #1 L/GREY FOR 310S	YAM-310S	SSCLC0100811	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO
ALUMINIUM FLOOR #2 OR #3 FOR 310S	YAM-310S	SSCLC0010082	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO
ALUMINIUM FLOOR #4FOR 310S	YAM-310S	SSCLC0010084	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO
ALLUMINIUM FLOOR SET FOR 340S	YAM-340S	SSCLC0001095	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO
WOODEN FLOOR #1 L/GREY FOR 340S	YAM-340S	SSCLC0010951	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO
ALUMINIUM FLOOR #2 OR #3 FOR 340S	YAM-340S	SSCLC0010952	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO
ALUMINIUM FLOOR #4FOR 340S	YAM-340S	SSCLC0010953	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO
ALLUMINIUM FLOOR SET FOR 380S	YAM-380S	SSCLC0001096	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO
WOODEN FLOOR #1 L/GREY FOR 380S	YAM-380S	SSCLC0010961	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO
ALUMINIUM FLOOR #2 FOR 380S	YAM-380S	SSCLC0010962	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO
ALUMINIUM FLOOR #3 FOR 380S	YAM-380S	SSCLC0010963	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO

PART NAME	MODEL	PART NUMBER	YAM-200T	YAM-240T	YAM-275S	YAM-310S	YAM-340S	YAM-380S	YAM-240Air	YAM-275Air	YAM-310AirV	YAM-350AirV	YAM-420S
ALUMINIUM FLOOR #4FOR 380S	YAM-380S	SSCLC0010964	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO
ALLUMINIUM FLOOR SET FOR MX-420/1AL	YAM-420S	SSCLC0003061	NO	NO	NO	NO	YES						
WOODEN FLOOR #1 GREY	YAM-420S	SSCLC0030611	NO	NO	NO	NO	YES						
ALUMINIUM FLOOR #2	YAM-420S	SSCLC0010192	NO	NO	NO	NO	YES						
ALUMINIUM FLOOR #3	YAM-420S	SSCLC0010193	NO	NO	NO	NO	YES						
ALUMINIUM FLOOR #4	YAM-420S	SSCLC0010194	NO	NO	NO	NO	YES						
Drain plug base 24mm L/grey	YAM-200/240T,YAM-275/310/340S,YAM-240/275Air,YAM-310Air V	SSCL0181192A	YES	YES	YES	YES	YES	NO	YES	YES	YES	NO	NO
Plug L/grey	YAM-200/240T,YAM-275/310/340S,YAM-240/275Air,YAM-310Air V, YAM-380S, YAM-350Air V	SSCL00018107	YES	YES	YES	YES	NO						
Drain plug base 36mm L/grey	YAM-380S,YAM-350AirV	SSCL0181192B	NO	NO	NO	NO	NO	YES	NO	NO	NO	YES	NO
Drain plug base 36mm BLACK	YAM-420S	SSCL0181191B	NO	NO	NO	NO	YES						
Plug, BLACK	YAM-420S	SSCL00018104	NO	NO	NO	NO	YES						
FOLDING CARRYING BAG	YAM-350Air V	SSCLH0001011	NO	NO	NO	YES	NO						
FOLDING BAG FOR TUBE XL	YAM-420S	SSCLH0002004	NO	NO	NO	NO	YES						
FOLDING BAG FOR FLOOR XL	YAM-420S	SSCLH0002007	NO	NO	NO	NO	YES						
BOAT COVER BLACK FOR 200T	YAM-200T	SSCLH0007410	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
BOAT COVER BLACK FOR 240T	YAM-240T	SSCLH0007411	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
BOAT COVER BLACK FOR 240Air	YAM-240Air	SSCLH0007401	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO
BOAT COVER BLACK FOR 275S/275Air	YAM-275S YAM-275Air	SSCLH0007402	NO	NO	YES	NO	NO	NO	NO	YES	NO	NO	NO
BOAT COVER BLACK FOR 350 Air V	YAM-350Air V	SSCLH0007406	NO	NO	NO	YES	NO						
BOAT COVER BLACK FOR 420S	YAM-420S	SSCLH0007407	NO	NO	NO	NO	YES						
BOW COVER BLACK FOR 275/310S/275/ 310Air V WITH SEA SMALL D-RING WHITE PATCH	YAM-275/310SYAM-275/ 310Air V	SSCLH0007307	NO	NO	YES	NO	NO	NO	NO	YES	YES	NO	NO
BOW COVER BLACK FOR 240Air WITH SEASMALL D-RING WHITE PATCH	YAM-240Air	SSCLH0007308	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO
BOW COVER BLACK FOR 340/380S WITH SEAS-MALL D-RING WHITE PATCH	YAM-340/380S	SSCLH0007309	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	NO
VELCRO SYSTEM WHITE	YAM-200/240T,YAM-275/310/340/380S,YAM-240/275Air,YAM-310/350Air V	SSCL00047023	YES	YES	YES	YES	NO						
OAR LOCK ASS'Y GREY	YAM-200/240T,YAM-275/310/340/380S,YAM-240/275Air,YAM-310/350Air V	SSCL01010075	YES	YES	YES	YES	NO						
LOCK BASE BLACK	YAM-200/240T,YAM-275/310/340/380S,YAM-240/275Air,YAM-310/350Air V	SSCL10101151	YES	YES	YES	YES	NO						
LOCK PIN BLACK	YAM-200/240T,YAM-275/310/340/380S,YAM-240/275Air,YAM-310/350Air V	SSCL01010136	YES	YES	YES	YES	NO						
ROD BLACK	YAM-200/240T,YAM-275/310/340/380S,YAM-240/275Air,YAM-310/350Air V	SSCL01010142	YES	YES	YES	YES	NO						
CAP & THREAD GREY	YAM-200/240T,YAM-275/310/340/380S,YAM-240/275Air,YAM-310/350Air V	SSCL01010128	YES	YES	YES	YES	NO						







## Yamalube lubricants and Careline marine products

### FOR THE SMOOTH, LONG TERM RELIABILITY OF YOUR YAMAHA, THERE'S SIMPLY NOTHING BETTER!

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Yamalube marine lubricants are specifically formulated for Yamaha outboard engines and personal watercraft - and tested to levels they would never normally experience in the hands of an owner. The result is a smoother, more confident ride every time you hit the water.

### QUALITY PROTECTION FOR EXTREME CONDITIONS

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Yamalube is designed to work at its best under pressure - the sort it will face every day in Yamaha's mighty XTO.

### HELPING ENGINES TO LIVE LONGER

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By minimizing engineering enemies like spark-plug fouling, ring-sticking and pre-ignition, Yamalube oil protects engines better - for longer.

### KEEPING YOUR ENGINE CLEANER

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The powerful, efficient action of the anti-oxidants in Yamalube marine lubricants keep engine components clean and prevent the formation of sludge.

### ANTI-CORROSION AND ANTI-RUST

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Special features fight corrosion and rust, ensuring maximum protection of the engine's internal components against the hazards of the marine environment.

### FORMULATED TO NMMA STANDARDS

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To be certified by the NMMA (National Marine Manufacturers Association) engine oils must meet their stringent standards for viscosity, corrosion, filter-plugging, foaming and aeration.



## YAMALUBE FS4-M 5W30 FULLY SYNTHETIC MARINE OIL FC-W

Yamalube® Fully Synthetic 5W30 4-Stroke Oil is a premium, high-performance oil for 4-stroke outboard engines, ensuring smooth running and consistent performance in demanding conditions.

### FEATURES & BENEFITS

Powerful anti-oxidant action to protect engine parts and keep them clean.

Unique corrosion inhibitor protects the vital engine parts in the marine environment, both in running and idle conditions.

Advanced anti-wear protection for the engine components.

Provides excellent fuel economy as compared to the majority of engine oils in the market.

FC-W Catalyst Compatible, Issued by NMMA (National Marine Manufacturers Association).

PACKAGING SIZE	PACK LOT	PART NUMBER
1 L	12x	YMD-63080-01-01
5 L	4x	YMD-63080-05-01



## YAMALUBE FS4-M 10W30 FULLY SYNTHETIC MARINE OIL FC-W

Yamalube® Super Synthetic 10W30 Oil is a premium, high-performance oil for 4-stroke outboard engines. Specially formulated for demanding marine conditions, it delivers enhanced fuel economy and smooth engine running.

### FEATURES & BENEFITS

Officially FC-W™ approved by NMMA (National Marine Manufacturers Association) for anti-rust and anti-corrosion.

Exceptional anti-oxidant, anti-wear and anti-corrosion quality prolongs engine life.

Good detergent and dispersal action cleans and protects the engine to preserve its power.

PACKAGING SIZE	PACK LOT	PART NUMBER
1 L	12x	YMD-63070-01-01
5 L	4x	YMD-63070-05-01
60 L	1x	YMD-63070-60-01





### YAMALUBE S4-M 10W40 SEMI SYNTHETIC MARINE OIL

Yamalube® Synthetic 10W40 Marine Oil is a versatile, high-quality performance oil designed for the unique marine demands of Yamaha 4-stroke outboards and WaveRunners.

#### FEATURES & BENEFITS

Highly advanced formula exceeds API SJ standards for long engine life and wear protection.

Anti-oxidation, anti-foam and thermal resistance properties prevent deposits around seals.

Unique corrosion inhibitor protects essential engine parts both at idle and in operation.

Suitable for: Outboard Engines, WaveRunner.

PACKAGING SIZE	PACK LOT	PART NUMBER
1 L	12x	YMD-63060-01-01
5 L	4x	YMD-63060-05-01
20L	1x	YMD-63060-20-01
60 L	1x	YMD-63060-60-01
208 L	1x	YMD-63062-08-01



### YAMALUBE S4-M 10W30 SEMI SYNTHETIC MARINE OIL

Yamalube® Synthetic 10W30 Marine Oil is a versatile, high-quality performance oil designed for the unique demands of Yamaha 4-stroke outboards and personal watercraft.

#### FEATURES & BENEFITS

Highly advanced formula exceeds API SJ standards for long engine life and wear protection.

Unique corrosion inhibitor protects essential engine parts both at idle and in operation.

Long lasting protection against engine stress.

Excellent anti-foam and anti-corrosion properties to ensure good lubrication under all conditions.

Improved detergency and dispersancy, keeping the engine clean and thus preserving its power& fuel efficiency.

PACKAGING SIZE	PACK LOT	PART NUMBER
1 L	12x	YMD-63050-01-01
5 L	4x	YMD-63050-05-01
60 L	1x	YMD-63050-60-01
208 L	1x	YMD-63052-08-01





## YAMALUBE S2-W SEMI SYNTHETIC WAVERUNNER OIL

Yamalube® Semi-Synthetic WaveRunner Oil is a high-quality performance oil designed for the extreme conditions and speeds endured by Yamaha WaveRunners, and is suitable for premix and direct oil injection systems.

### FEATURES & BENEFITS

Low ash formula reduces plug fouling and prevents pre-ignition.

Good lubricity and anti-scuffing protection for smooth engine operation.

Excellent anti-rust and anti-corrosion protection.

Cleaning and dispersing formula reduces deposits on pistons and piston rings.

Minimizes exhaust smoke production.

PACKAGING SIZE	PACK LOT	PART NUMBER
1 L	12x	YMD-63023-01-11
5 L	4x	YMD-63023-05-11





### YAMALUBE M2-M MARINE 2 STROKE OIL TC-W3-RL

Yamalube® TC-W3 RL 2-stroke oil is a mineral-based oil, suitable for pre-mix or direct injection systems in 2-stroke marine engines.

#### FEATURES & BENEFITS

Advanced formula protects against wear and prevents binding, keeping engine, exhaust ports and pistons clean.

Reduces ring-sticking, spark-plug fouling and pre-ignition.

Outstanding anti-rust and corrosion capability to protect the engine.

Low exhaust smoke levels – burns without leaving sticky deposits.

PACKAGING SIZE	PACK LOT	PART NUMBER
1 L	12x	YMD-63021-01-A5
5 L	4x	YMD-63021-05-05
60L	1x	YMD-63021-60-05



### YAMALUBE M4M-SD 15W40 MINERAL DIESEL STERNDRIVE OIL

Yamalube® 15W40 Diesel Sterndrive Oil is specially formulated for the demands placed on petrol and diesel inboard engines, and delivers equal efficiency to both.

#### FEATURES & BENEFITS

Strong dispersal action keeps carbon particles in suspension and prevents sludge build-up in exhaust ports and pistons.

Powerful anti-oxidant, anti-wear and anti-corrosion action protects and cleans engine parts to prolong engine life.

Excellent viscosity stability for smooth operation and reduced friction.

Suitable for: Inboard Engines.

PACKAGING SIZE	PACK LOT	PART NUMBER
1 L	12x	QMD-63042-01-A5
5 L	4x	QMD-63042-05-05
60L	1x	QMD-63042-60-02



## YAMALUBE GL5 SAE90 MARINE GEAR OIL

Yamalube® GL5 Gear Oil is a premium oil specially developed for powerful outboard engines, performing under extreme pressure and heavy loads.

### FEATURES & BENEFITS

Extreme pressure and anti-wear properties give good gear performance under heavy loads and repeated shocks.

Provides very good rust protection against the harsh conditions of the marine environment.

High oxidation stability and thermal resistance helps prevent the formation of deposits around seals.

Smooth, easy gear shifting is ensured, both at high and low temperatures.

Designed to control foaming in the gear case.

Retains viscosity and leaves a protective oil film on all surfaces.



PACKAGING SIZE	PACK LOT	PART NUMBER
1 L	1x	YMD-73011-10-04
20 L	1x	YMD-73011-20-04
60 L	1x	YMD-73011-60-03
200 L	1x	YMD-73011-20-53

### SPECIFICATIONS

STANDARDS: Equivalent to API GL5 specifications

## YAMALUBE GL4 SAE90 MARINE GEAR OIL

Yamalube® GL4 Gear Oil has been developed for professional and leisure boating, offering outstanding universal oil suitable for all outboard motor and sterndrive gear cases.

### FEATURES & BENEFITS

High oxidation stability and thermal resistance to eliminate the formation of deposits around seals.

Controls foaming in gear cases.

Retains viscosity and a protective oil film.



PACKAGING SIZE	PACK LOT	PART NUMBER
250 mL	12x	YMD-73010-0T-A4
1 L	12x	YMD-73010-10-A4
20 L	1x	YMD-73010-20-04
60 L	1x	YMD-73010-60-03
200 L	1x	YMD-73010-20-53

### SPECIFICATIONS

STANDARDS: Equivalent to API CF specifications



### YAMALUBE GEAR OIL PUMP

This handy pump makes light work of gearbox oil changes on outboards. Designed to fit the Yamalube 1 Litre gear oil containers, it comes complete with adapters to fit the gearbox fillers on all Yamaha models, as well as most other leading brands.

#### FEATURES & BENEFITS

Simple and compact

Easy operation



PACKAGING SIZE	CONTAINER TYPE	PACK LOT	PART NUMBER
1 Pcs		1x	YMD-GL4PM-P1-00

### YAMALUBE LICAL GREASE

Yamalube® Lical Grease is a universal grease that combining the qualities of lithium and calcium dispersed in highly refined base oils, a formulation that delivers superior performance and lubrication in extreme pressures and temperatures.

#### FEATURES & BENEFITS

Excellent mechanical stability under severe operating conditions.

Does not contain lead or other heavy metals harmful to the environment.

Superior water resistance.

Extends component life and reduces maintenance needs.

Miscibility with almost all other conventional soap greases.

Can lead to low maintenance cost.



PACKAGING SIZE	CONTAINER TYPE	PACK LOT	PART NUMBER
250 ML	Tube	12x	YMD-69010-0T-A4
400 GR	Cartridge	1x	YMD-69010-0C-03



## YAMALUBE POWER TRIM & STEERING FLUID

Yamalube® Power Trim & Steering Fluid is a finely balanced Dextron II oil combining anti-corrosion and anti-wear qualities with viscosity stabilizers, designed to extend the life, quality and performance of your boat's steering system.

### FEATURES & BENEFITS

Excellent viscosity stability for smooth operation and reduced friction.

Prolongs engine life and quality.

Strong anti-wear and anti-corrosion quality.

Compatible with PTT Systems: F450A/XF450, FL450A/XF450, F400A/XF400, FL400A/XF400.

PACKAGING SIZE	CONTAINER TYPE	PACK LOT	PART NUMBER
1 L	Bottle	12x	YMD-65049-17-21



## YAMALUBE HYDRAULIC FLUID ISO VG46

YAMALUBE Hydraulic Fluid ISO VG 46 is engineered with a high viscosity index. This advanced hydraulic fluid delivers outstanding performance under the toughest conditions. Specially formulated for power trim & tilt and power steering systems, it provides superior resistance to heat, pressure, and foaming while ensuring reliable operation.

### FEATURES & BENEFITS

Excellent and stable viscosity-temperature behavior, ensuring reliable power transmission and lubrication even under fluctuating temperatures.

Effective protection against corrosion.

Resistance to aging.

Minimization of foaming.

Compatible with: Hydraulic steering Lecomble & Schmitt; hydraulic integrated steering F150/F200 MY2021 except electronic steering.

PACKAGING SIZE	CONTAINER TYPE	PACK LOT	PART NUMBER
1L	Bottle	12x	YMD-65049-17-81



## YAMALUBE PROTECTIVE FOGGING OIL INJECTOR

Yamalube® Protective Fogging Oil lubricates and prevents rust to protect internal engine components during winter and extended storage periods. The oil creates superior film retention that protects against corrosion and dry starts, extending engine life and reducing operating expense.

### FEATURES & BENEFITS

- Extends engine life and reduces maintenance costs.
- Creates a retention film that protects against corrosion.
- Designed for winter storage or extended storage periods.

### APPLICATION

Yamalube® Protective Fogging Oil can be added to the fuel tank directly or mixed in a separate container and then emptied into the fuel tank. Important! Use the correct mixing ratio:

- Mixing ratio (normal water conditions) 1:40 (2.5%)
- Mixing ratio (salt water conditions) 1:20 (5%)

Not mixable with Fuel Stabilizer and System Guard, use only one system/product



PACKAGING SIZE	CONTAINER TYPE	PACK LOT	PART NUMBER
1L	Bottle	12x	YMD-65049-18-71

## YAMALUBE PROTECTIVE FOGGING OIL CARBURETOR

Yamalube® Protective Fogging Oil Carburetor lubricates and prevents rust to protect internal engine components during winter and extended storage periods. The oil creates superior film retention that protects against corrosion and dry starts, extending engine life and reducing operating expense.

### FEATURES & BENEFITS

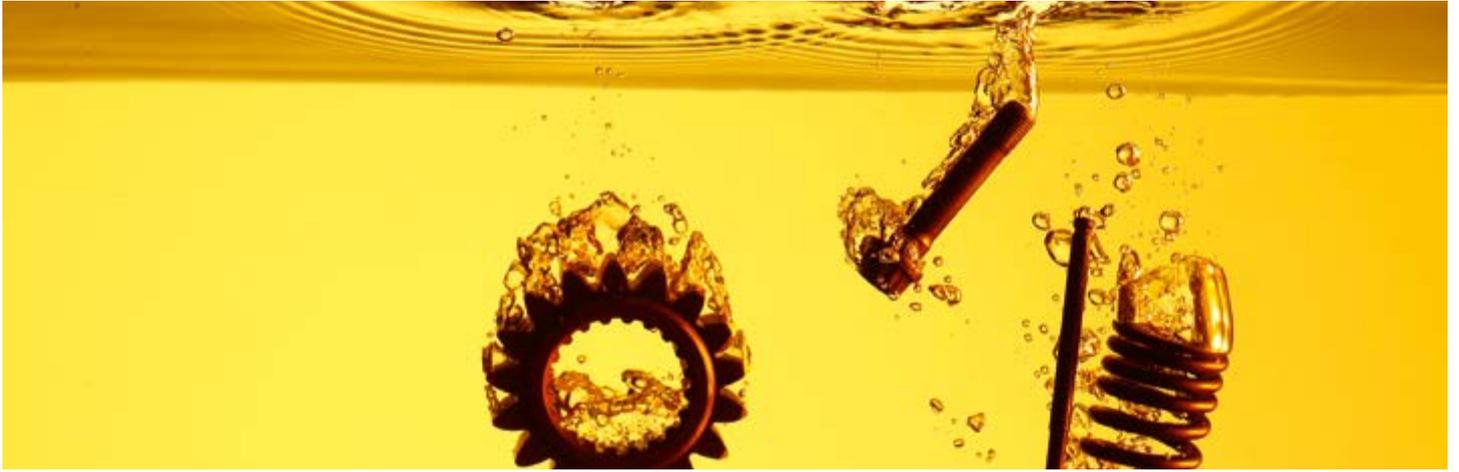
- Designed for winter storage or extended storage periods.
- Outstanding anti-rust quality.
- Extends engine life and reduces maintenance costs.
- Creates a retention film that protects against corrosion.

### APPLICATION

Do this outside in a well-ventilated area.  
Start the engine and let it reach normal operation temperature.  
Shake before use. Spray into the carburetor or intake for about 15 seconds each.



PACKAGING SIZE	CONTAINER TYPE	PACK LOT	PART NUMBER
300 ML	Aerosol can	12x	YMD-65049-18-82



## YAMALUBE CONTACT CLEANER

Yamalube® Contact Cleaner is a powerful, non-chlorinated degreasing agent for removing dirt, grease and grime on electronic contacts, components and spark plugs.

### FEATURES & BENEFITS

Fast-drying.

No surface spots or stains left behind.

Non-chlorinated formula - kinder to plastics and less environmentally harmful.

### APPLICATION

Spray from a short distance directly onto dirty areas.

Allow approximately 10 seconds to dry.

Finish drying off with a rag or compressed air.



PACKAGING SIZE	CONTAINER TYPE	PACK LOT	PART NUMBER
400 ML	Aerosol can	12x	YMD-65049-A0-94

## YAMALUBE MULTI-USE SPRAY

Yamalube ® Multi-Use Spray is a high-performance penetrating oil spray designed for all-purpose maintenance and protection.

### FEATURES & BENEFITS

It lubricates moving parts, repels moisture, helps water dispersion, and prevents water intrusion, reaching even the tightest spots with excellent creeping properties.

### APPLICATION

Shake can before use.

Spray from a distance of approx. 5-10 cm and allow to dry.

Repeat if needed.



PACKAGING SIZE	CONTAINER TYPE	PACK LOT	PART NUMBER
400 ML	Aerosol can	12x	YMD-65049-20-00

## YAMALUBE CARBURETOR & INJECTOR CLEANER

Yamalube® Carburetor & Injector Cleaner is specially developed to removed deposits, varnish and grime on engine valves, throttle chambers, nozzles, flotas and venturi tubes, ensuring a cleaner and longer-lasting engine.

### FEATURES & BENEFITS

Improves engine performance and reduces fuel consumption.

Extends engine life.

Improves acceleration and stabilizes idle control.

### APPLICATION

With the engine turned off, spray the Yamalube Carburetor & Injector Cleaner into the air intake pipe and let the product sit for 10 minutes.

Repeat with the engine on, spraying the product directly onto nozzles, throttle-chambers etc.



PACKAGING SIZE	CONTAINER TYPE	PACK LOT	PART NUMBER
400 ML	Aerosol can	12x	YMD-65049-A1-04

## YAMALUBE CLEANING GEL

Yamalube® Cleaning Gel is an eco-friendly, effective, water-based, all-round cleaner for motorcycles, scooters, outboard engines, ATVs and more.

### FEATURES & BENEFITS

Removes the toughest contaminants actively and without residue.

Incorporates anti-corrosion additives.

Adheres strongly, even to vertical surfaces.

Dries without residue and leaves a lasting shine.

### APPLICATION

Spray the entire vehicle with Yamalube Cleaning Gel, let it work in for 5 minutes, then rinse down thoroughly with water.

For extreme contamination (e.g. chain grease or encrusted oil) leave it to work for up to 30 minutes after application before thoroughly rinsing down, until there is no more noticeable foaming - if necessary, a sponge can be used to remove the toughest blemishes or dirt.

Do not use in direct sunlight or on hot surfaces!



	PACKAGING SIZE	CONTAINER TYPE	PACK LOT	PART NUMBER
Cleaning Gel	500 ML	Bottle	6x	YMD-65049-18-91
Cleaning Gel	20 L	Barrel	1x	YMD-65049-19-00



## YAMALUBE PARTS CLEANER

Yamalube® Parts Cleaner is a potent multipurpose degreaser designed to clean and degrease metal parts.

### FEATURES & BENEFITS

Brings engine, wheel rims, sprockets and frame back to its original appearance.

Safe on most rubber, plastic and painted metal surfaces.

Effectively dissolves and removes tar stains, dirty grease.

### APPLICATION

Spray 20 cm from the surface.

Allow approximately 10 seconds to dry.

Respray on very dirty areas.



PACKAGING SIZE	CONTAINER TYPE	PACK LOT	PART NUMBER
400 ML	Aerosol can	12x	YMD-65049-A0-73

## YAMALUBE SILICON SPRAY

Yamalube® Silicon Spray restores and refreshes all sun-bleached silicon, painted or unpainted parts, with extra protection for plastics.

### FEATURES & BENEFITS

Yamalube® Silicon Spray serves to optically refurbish:

- Greyed and bleached metal parts painted or unpainted (e.g. engine block, engine side covers, etc.)
- Rough and varnished plastic and rubber parts.

### APPLICATION

Shake the can well and spray on a thin, even coat from about 20 cm away. Then allow to dry thoroughly.

Wipe down any smooth plastic parts, such as linings, with an absorbent cloth after application.

Note: To protect surfaces that are not to be treated, do not spray directly on these parts.



PACKAGING SIZE	CONTAINER TYPE	PACK LOT	PART NUMBER
300 ML	Aerosol can	6x	YMD-65049-19-61

# A full maintenance at your official YAMAHA dealer is not a SIMPLE oil exchange !

- Check/Replace Timing belt
- Check fuel/oil leakage
- Check/Adjust/replace Fuel filter
- Check cooling water leakage
- Spray surface protection
- Check tightening of general bolts
- Check greasing point
- Apply grease to engine shaft grooves
- Check/Adjust PTT oil level
- Check gear oil leakage
- Replace gear oil gaskets
- Remplacer le joint de vidange/ remplissage d'huile d'embase
- Reset maintenance alarm on hourmeter
- Connect YDIS : read and save the engine ECU memory
- Rinse the cooling system with fresh water during 1 hour
- Check applicable improuvent campaign or recall
- Replace Filter OCV
- Check and replace the thermostat
- Check internal anodes
- Replace sparkplugs
- Check Wiring harness connections/ Wiring coupler connections
- Change engine oil filter
- Check cowling clamp
- Check pilot water
- Replace engine oil gasket
- Replace engine oil
- Check exhaust leakage
- Check impeller Water pump housing
- Replace impeller Water pump housing
- Check/Replace external anodes
- Check/Apply grease to propeller shaft
- Check/Apply grease to SDS system
- Check/Replace Propeller/ Propeller nut/ Cotter pin

Liste non exhaustive, périodicité et informations complémentaires auprès de votre concessionnaire agréé.

## Application charts for Yamalube marine products

### YAMALUBE LUBRICANTS FOR: OUTBOARD ENGINES, WAVERUNNERS AND HYDRADRIVE (STERNDRIVE) ENGINES

APPLICATION	SAE	AVAILABLE PACKAGING SIZE	CONTAINER TYPE	PACK LOT	PART NUMBER
<b>4-S Fully Synthetic Marine Oil</b>					
4-stroke engines	5W-30	1 L	Bottle	12x	YMD-63080-01-01
		5 L	Bottle	4x	YMD-63080-05-01
<b>4-S Super Synthetic Marine Oil</b>					
4-stroke engines	10W-30	1 L	Bottle	12x	YMD-63070-01-01
		5 L	Bottle	4x	YMD-63070-05-01
		60 L	Barrel	1x	YMD-63070-60-01
<b>4-S Synthetic Marine Oil</b>					
4-stroke engines	10W-30	1 L	Bottle	12x	YMD-63050-01-01
		5 L	Bottle	4x	YMD-63050-05-01
		60 L	Barrel	1x	YMD-63050-60-01
		200 L	Drum	1x	YMD-63052-08-01
	10W-40	1 L	Bottle	12x	YMD-63060-01-01
		5 L	Bottle	4x	YMD-63060-05-01
		60 L	Barrel	1x	YMD-63060-60-01
200 L	Drum	1x	YMD-63062-08-01		
<b>2-W engine oil</b>					
2-stroke engines	NA	1 L	Bottle	12x	YMD-63023-01-10
		5 L	Bottle	4x	YMD-63023-04-00
<b>2-M Super engine oil</b>					
2-stroke engines	NA	1 L	Bottle	12x	YMD-63021-01-A5
		5 L	Bottle	4x	YMD-63021-05-01
		60 L	Barrel	1x	YMD-63021-60-05
<b>Sterndrive diesel oil</b>					
Sterndrive diesel engines	15W-40	1 L	Bottle	12x	QMD-63042-01-A5
		5 L	Bottle	4x	QMD-63042-05-05
		60 L	Barrel	1x	QMD-63042-60-02
<b>SAE90 GL5 gear oil</b>					
All middle and big outboards engines, including all XTO & all sterndrive gear cases	NA	1 L	Bottle	12x	YMD-73011-10-04
		20 L	Barrel	1x	YMD-73011-20-04
		60 L	Barrel	1x	YMD-73011-60-03
		200 L	Drum	1x	YMD-73011-20-53
<b>SAE90 GL4 gear oil</b>					
All outboard gear cases	NA	250 ML	Tube	12x	YMD-73010-0T-A4
		1 L	Bottle	12x	YMD-73010-10-A4
		20 L	Barrel	1x	YMD-73010-20-04
		60 L	Barrel	1x	YMD-73010-60-03
		200 L	Drum	1x	YMD-73010-20-53

### YAMALUBE CARELINE

APPLICATION	AVAILABLE PACKAGING SIZE	CONTAINER TYPE	PACK LOT	PART NUMBER
YAMALUBE LICAL GREASE	250 ML	Tube	12x	YMD-69010-0T-A3
	400 GR	Cartridge	12x	YMD-69010-0C-02
YAMALUBE POWER TRIM & STEERING FLUID	1 L	Bottle	12x	YMD-65049-17-21
YAMALUBE HYDRAULIC FLUID ISO VG46	1 L	Bottle	12x	YMD-65049-17-81
YAMALUBE PROTECTIVE FOGGING OIL INJECTOR	300 ML	Aerosol Can	12x	YMD-65049-18-71
YAMALUBE PROTECTIVE FOGGING OIL CARBURETOR	1 L	Bottle	12x	YMD-65049-18-82
YAMALUBE CONTACT CLEANER	400 ML	Aerosol Can	12x	YMD-65049-A0-94
YAMALUBE MULTI-USE SPRAY	300 ML	Aerosol Can	12x	YMD-65049-20-00
YAMALUBE PARTS CLEANER	400 ML	Aerosol Can	12x	YMD-65049-A0-73
YAMALUBE CARBURETOR & INJECTOR CLEANER	400 ML	Aerosol Can	12x	YMD-65049-A1-04
YAMALUBE CLEANING GEL	500 ML	Spray Bottle	6x	YMD-65049-18-91
	20 L	Barrel	1x	YMD-65049-19-01
YAMALUBE SILICON SPRAY	300 ML	Aerosol Can	12x	YMD-65049-19-61

## YAMALUBE LUBRICANTS FOR: OUTBOARD ENGINES (BY MODEL)

HP	MODEL	ENGINE OIL				GEAR OIL		
		SAE		Yamalube TYPE	ENGINE OIL CHANGE QUANTITY (LITRE)	SAE	GRADE	LITRE
<b>4-Stroke</b>								
2.5	F2.5A	10W-30	10W-40	•	0.4	90	GL-4	0.75
4	F4A	10W-30	10W-40	•	0.5	90	GL-4	0.1
4 ~ 6	F4B / F5A / F6C	10W-30	10W-40	•	0.6	90	GL-4	0.1
6 ~ 8	F6B / F8C / F8F / FT8D / FT8G	10W-30	10W-40	•	0.8	90	GL-4	F: 0.15 / FT: 0.37
9.9	F9.9F / FT9.9G	10W-30	10W-40	•	0.8	90	GL-4	F: 0.15 / FT: 0.37
9.9 ~ 15	F9.9C / FT9.9D / F15A / F15B	10W-30	10W-40	•	1.2	90	GL-4	F: 0.25 / FT: 0.37
9.9 ~ 20	F9.9H / F13.5B / F15C / F20B / F20C	10W-30	10W-40	•	1.8	90	GL-4	0.3
20 ~ 25	F20D / F25D / FT25F	10W-30	10W-40	•	1.6	90	GL-4	F: 0.32 / FT: 0.43
25	F25G	10W-30	10W-40	•	1.1	90	GL-4	0.37
30 ~ 40	F30A / F30B / F40B / F40F	10W-30	10W-40	•	1.7	90	GL-4	0.43
30 ~ 40	F30B / F40F	10W-30	10W-40	•	1.7	90	GL-4	0.43
40 ~ 60	F40D / F50F / F50D / FT50C / F60C / FT50G / FT60T	10W-30	10W-40	•	2.1	90	GL-4	F: 0.43 / FT: 0.67
70	F70A	10W-30	10W-40	•	2.1	90	GL-4	0.67
80 ~ 100	F80B / F100D	10W-30	10W-40	•	3.7	90	GL-4	0.67
80 ~ 100	F80C / F100B	10W-30	10W-40	•	3.7	90	GL-4	0.76
115	F115A / FL115A	10W-30	10W-40	•	3.7	90	GL-4	F: 0.76 / FL: 0.72
115	F100F / F115B / FL115B / F130A	10W-30	10W-40	•	3.2	90	GL-4	F: 0.76 / FL: 0.72
150	F150A / FL150A / F150D / FL150D	10W-30	10W-40	•	4.7	90	GL-4	F: 0.98 / FL: 0.87
175	F175A	10W-30	10W-40	•	4.5	90	GL-4	0.98
200	F200F / FL200F / F200G / FL200G	10W-30	10W-40	•	4.5	90	GL-4	0.98
200	F200A / FL200A / F200B / FL200B / F200C / FL200C	10W-30	10W-40	•	4.7	90	GL-4	F: 1.15 / FL: 1.0
225	F225A / FL225A / F225B / FL225B	10W-30	10W-40	•	4.7	90	GL-4	F: 1.15 / FL: 1.0
225	F225C	10W-30	10W-40	•	4.7	90	GL-4	0.92
250	F250A / FL250A / F250B / FL250B	10W-30	10W-40	•	4.7	90	GL-4	F: 1.15 / FL: 1.0
225 ~ 300	F225F / FL225F / F250D / FL250D / F300B / FL300B	10W-30	10W-40	•	6.3	90	GL-5	F: 1.04 / FL: 1.0
300 ~ 350	F300A / FL300A / F350A / FL350A	10W-30	10W-40	•	6.5	90	GL-5	F: 1.52 / FL: 1.31
375 ~ 425	F(L)375 XTO / F(L)425 XTO	10W-30	10W-40	•	7.8	90	GL-5	F: 1.95 / FL: 1.83
400 ~ 450	F(L)400 XTO / F(L)450 XTO	10W-30	10W-40	•	7.8	90	GL-5	F: 1.95 / FL: 1.83
<b>2-Stroke</b>								
4 ~ 5	4A/B/C ~ 5C	TCW3-RL	NA	+	NA	90	GL-4	0.1
6 ~ 8	6C ~ 8C	TCW3-RL	NA	+	NA	90	GL-4	0.16
9.9 ~ 15	9.9D / 9.9F ~ 15D / 15F	TCW3-RL	NA	+	NA	90	GL-4	0.19
20	20C	TCW3-RL	NA	+	NA	90	GL-4	0.18
20 ~ 25	20D ~ 25D	TCW3-RL	NA	+	NA	90	GL-4	0.37
25 ~ 30	25B/X ~ 30H	TCW3-RL	NA	+	NA	90	GL-4	0.32
25 ~ 30	25J ~ 30D	TCW3-RL	NA	+	NA	90	GL-4	0.2
40 ~ 50	40V/X/Y ~ 50H	TCW3-RL	NA	+	NA	90	GL-4	0.43
50 ~ 55	50G ~ 55B	TCW3-RL	NA	+	NA	90	GL-4	0.5
60 ~ 90	60F / 70B / 75A / 80A / 85A / 90A	TCW3-RL	NA	+	NA	90	GL-4	0.61
115 ~ 130	115A ~ 130C	TCW3-RL	NA	+	NA	90	GL-4	0.61
150	150A/F/G/J	TCW3-RL	NA	+	NA	90	GL-4	0.98 / L: 0.87
150 ~ 200	Z150P ~ Z200P	TCW3-RL	NA	+	NA	90	GL-4	Z: 0.98 / LZ: 0.87
175 ~ 200	175A/B/D/F/G/H ~ 200G	TCW3-RL	NA	+	NA	90	GL-4	0.98
200	200A/C/F/H/J	TCW3-RL	NA	+	NA	90	GL-4	0.98 / L: 0.87
200	Z200N / LZ200N	TCW3-RL	NA	+	NA	90	GL-4	Z: 0.98 / LZ: 0.87
200	Z200P/Q	TCW3-RL	NA	+	NA	90	GL-4	0.98
225 ~ 250	225B/C/D/F/G/H ~ 250A/C/D/G	TCW3-RL	NA	+	NA	90	GL-4	1.15 / L: 1.0
250 ~ 300	Z250C/D/F - LZ250C/D/F ~ Z300A / LZ300A	TCW3-RL	NA	+	NA	90	GL-4	Z: 1.15 / LZ: 1.0
300	Z300B	TCW3-RL	NA	+	NA	90	GL-4	1.0

## YAMALUBE LUBRICANTS FOR: WAVERUNNERS

MODEL	ENGINE OIL	SAE	grade	Oil Capacity
4-Stroke				
GP 1800R HO/ GP 1800R SVHO/ FX HO/FX CR HO/ FX SVHO/ FX CR SVHO/ FX LTD SVHO/ VX CR HO/ VX LTD HO	1812 cm3 / 4 cyl	10W30 / 10W40	Synthetic or semi-synthetic engine oil	5,3L
EX / EX SPORT / EX DELUXE / EXR / VX / VX Deluxe / VX CRUISER / VX CRUISER HO / VX LIMITED / JETBLASTER	1049 cm3 / 3 cyl	10W30 / 10W40	Synthetic or semi-synthetic engine oil	3,7L
V1 / VX / FX140 / FX160	1052 cm3 / 4 cyl	10W30 / 10W40	Synthetic or semi-synthetic engine oil	4,5L
SUPERJET (2021-)	1049 cm3 / 3 cyl	10W30 / 10W40	Synthetic or semi-synthetic engine oil	3,7L





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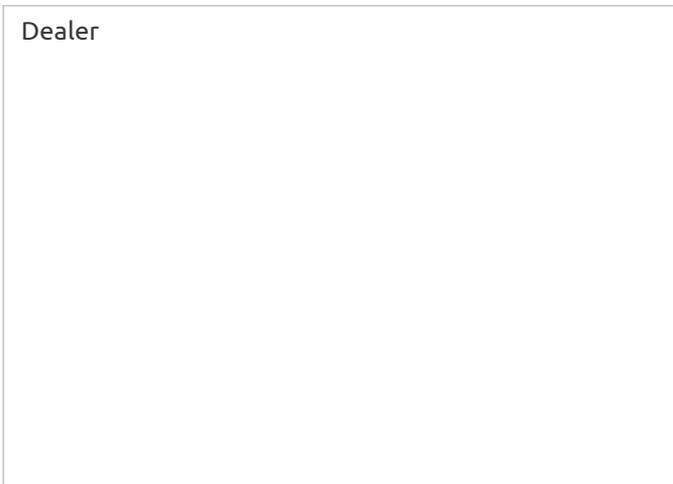
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Dealer



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