

# Honda Marine accessories 2017



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# Controls





## Remote control

### Side Mount Remote Control Box 4 x Alert Light

- Description**
- Key Start/PTT/Emergency Stop Switch
  - 4 Light Alert → Oil pressure / Overheat / PGM-FI/ ACG
  - Port or Starboard Mounting - can be mounted in Pairs
  - Harness not supplied



Picture only as illustration!\*

Application	Part Number
BF40D/BF40E, BF60A/BFP60A BF75DKO - BBAJ - 1004819 ~ BF80A - BF100A BF90DKO - BBCJ 1014203 ~ BF115D - BBHJ 1000001 ~ BF135A - BARJ - 1003841 ~ BF135 (CR Type) BASJ 1000314 ~ BF150A - BANJ - 1010488 ~ BF150A (CR Type) BAPJ - 1001415 ~ BF175/200/225 AK1 BF250A	24800-ZZ5-D02

### Side Mount Remote Control Box 4 x Alert Light

- Description**
- Key Start/PTT/Emergency Stop Switch
  - 4 Light Alert → Oil pressure / Overheat / PGM-FI/ ACG
  - Port or Starboard Mounting - can be mounted in Pairs
  - Harness not supplied
  - Integrated trolling control function



Picture only as illustration!\*

Application	Part Number
BF40 - BF150	28400-ZZ5-D22

### Side Mount Remote Control Box 2 x Alert light

- Description**
- Key Start/PTT/Emergency Stop Switch
  - 2 Light Alert → Oil pressure/Overheat
  - Port or Starboard Mounting - can be mounted in Pairs
  - Harness not supplied



Picture only as illustration!\*

Application	Part Number
BF25D/30D/40A/BF50A/75A/90A BF75DKO - BBAJ - ~1004818 BF90DKO - BBCJ ~ 1014202 BF115A/BF130A BF135A - BARJ - ~ 1003840 BF135 (CR Type) BASJ ~ 1000313 BF150A - BANJ - ~ 1010487 BF150A (CR Type) BAPJ - ~ 1001414 BF175/200/225 A2 & A6	24800-ZW4-H15



## Remote control

### Side Mount Remote Control Box 2 x Alert light

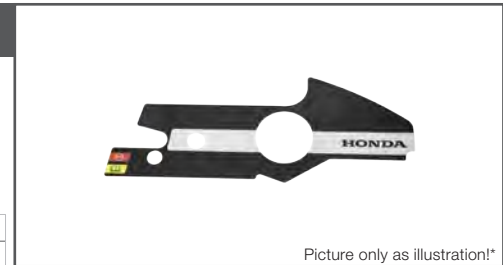
- Description**
- Key Start/ Emergency Stop Switch
  - 2 Light Alert → Oil pressure/Overheat
  - Port or Starboard Mounting - can be mounted in Pairs
  - Harness not supplied



Application	Part Number	Comments
BF8B / BF8D / BF10B / BF10D	24800-ZW9-830	
BF8D2 / BF8D4 / BF10D2 / BF10D4 / BF15D3 / BF20D3	24800-ZY1-814	
BF15D3 / BF20D3	24800-ZY1-876	Power Tilt Models
BF25D4 / BF30D4 / BF40A4 / BF50A4	24800-ZW4-H05	Gas Assist Models
BF20A / BF25A / BF30A / BF35A / BF40A BF40AX / BF40B / BF45A / BF50A / BF50AX	24800-ZV5-020	Non PTT Models
BF75A2 / BF90A2	24800-ZW1-050	
BF115 - BF130AX / A1 / A2	24800-ZW5-621	

### Sticker Plate

- Description**
- Can be used when the remote is mounted on the plate side.



Application	Part Number	Comments
BF40 ~ BF250A	87701-ZZ5-790	

### Top Mount Remote Control box

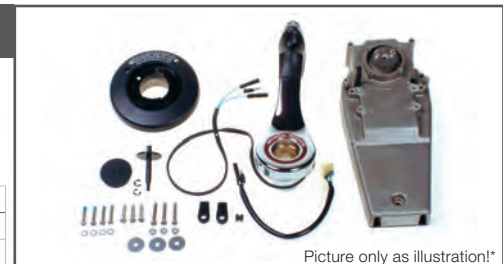
- Description**
- Top Mount Control Box
  - F-N-R Lever
  - PTT Switch



Application	Part Number	Comments
BF40 ~ BF250A	06240-ZW5-U40	Right Hand Operation
	06240-ZW5-U50	Left Hand Operation

### Flush Mount Remote Control Box

- Description**
- Flush Mount Control Box
  - F-N-R Lever
  - PTT Switch



Application	Part Number	Comments
BF40 ~ BF250A	06240-ZW7-U00	Right Hand Operation
	06240-ZW7-U10	Left Hand Operation

### Twin Top Mount Remote Control Box

- Description**
- Flush Mount Control Box
  - F-N-R Lever
  - PTT Switches



Application	Part Number	Comments
BF40 ~ BF250A	06240-ZW5-U60	Right Hand Operation
	06240-ZW5-U70	Left Hand Operation

# Controls



## Emergency Stop Lanyard

**Description** • Emergency Stop Lanyard

Application	Part Number
BF2 ~ BF250A	36182-ZV4-651



## Emergency Stop Lanyard

**Description** • Floating type  
• Emergency Stop Lanyard

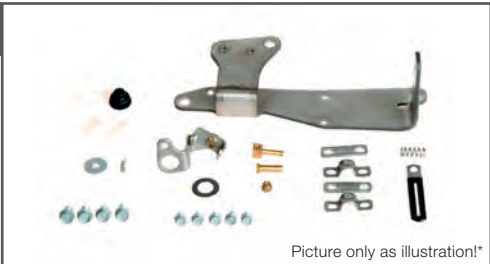
Application	Part Number
BF2 ~ BF250A	36182-ZV4-000AH



## Remote Control Bracket

**Description** • Remote Control Bracket  
• Allows connection of steering cable, throttle & shift cables

Application	Part Number
BF4,5 / BF5A	06170-ZV1-812



## Remote Control Bracket

**Description** • Remote Control Bracket  
• Allows connection of Steering cable, Throttle & shift cables

Application	Part Number
BF6A / BF8 - A-B-BX (BF75-BF100 A,B,C,D, E, F )	06170-881-812



## Conversion kit handle to remote control

**Description** • Kit to convert a handle outboard type to a remote control type  
• This kit doesn't include the side mount remote control and cables and doesn't allow the user to steer the boat  
• No steering tube to fix the steering cable  
• Part: 24221-ZW9-000 (1 piece) has to be removed from the engine to facilitate the shifting

Application	Part Number
BF6D, BF8D, BF10D	06532-ZW9-000HE





## Conversion kit handle to remote control

- Description**
- Kit to convert a handle outboard type to a remote control type
  - This kit doesn't include the side mount remote control and cables and doesn't allow the user to steer the boat
  - No steering tube to fix the steering cable
  - Part: 24221-ZW9-000 (1 piece) has to be removed from the engine to facilitate the shifting

Application	Part Number
BF15D, BF20D	06532-ZY0-000HE



Picture only as illustration!\*

## Cable end Pivot

- Description**
- Remote Control Bracket
  - For use with Remote control kit 06170 881 812

Application	Part Number
BF6A / BF8 - A-B-BX (BF75-BF100 A,B,C,D, E, F)	32392-881-002AH



Picture only as illustration!\*

## Steering Tube Seal

- Description**
- Steering Tube Seal
  - Integral O ring prevents entry of water & dirt.
  - Equipped with a greasing point

Application	Part Number	Comments
BF8D ~ BF50A	50899-ZV5-000AH	Anodised Aluminium
BF8D ~ BF50A	50899-ZV5-020AH	Stainless Steel



Picture only as illustration!\*

## Stainless Steel Dual Engine Tie bar

- Description**
- Stainless Steel Dual Engine Tie bar
  - Provides easy adjustment without disconnection.

Application	Part Number	Comments
BF25D ~ BF90D	53520-ZV7-U00	Min Length 45Cm - Max Length 60Cm
BF25D ~ BF90D	53520-ZV7-U10	Min Length 57Cm - Max Length 72Cm

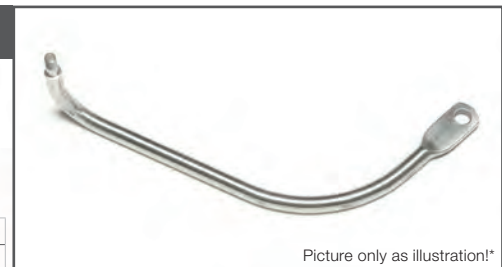


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## Steering Link Rod BF60A / BFP60A

- Description**
- Steering Link Rod
  - Provides up to 50° steering on BF/BFP60A.
  - Provides reduced turning circles for boat users. Standard European link rod 30°.

Application	Part Number
BF40E / BF60/BFP60 -A-AK1	06531-ZZ3-000



Picture only as illustration!\*

## Steering Plates

- Description**
- Steering Plates
  - Required for some twin engine applications

Application	Part Number
BF8D ~ BF20D	53234-ZW9-830
BF25 ~ BF30	53234-ZV7-781
BF60A / BFP60A	53234-ZZ3-000
BF75A / BF75D / BF80A / BF90A / BF90D / BF100A	53234-ZW1-010
BF115A / BF130	53234-ZW5-010



Picture only as illustration!\*

# Pre Rigging





# Pre Rigging



## Pre Rigging kit examples

### Side Mount Remote Control Kit Example

- Description**
- Pre Rigging Basic 2 gauge kit
    - 1 x Tachometer
    - 1 x Trim gauge
    - 1 x Instrument Harness
  - Pre Rigging Side Mounted Control Box Kit
    - 1x Side Mount RC Box
    - Main Wire Harness available in 5M, 6.1M, 7.6M, 9.1M & 15M



### Top Mount Remote Control Kit Example

5 Gauge Kit

- Description**
- Pre Rigging 5 gauge kit
    - 1 x Tachometer
    - 1 x Trim gauge
    - 1 x Speedometer
    - 1 x Fuel level gauge
    - 1 x Voltmeter
    - 1 x Instrument harness
  - Pre Rigging Single Top Mount Control Box Kit
    - 1x RC Box
    - Main Wire Harness available in 5M, 6.1M, 7.6M & 9.1M.
    - 1 x Ignition Switch panel



# Pre Rigging



## Pre Rigging kit examples

### Flush Mount Remote Control Kit Example

5 Gauge Kit

- Description**
- Pre Rigging 5 gauge kit
    - 1 x Tachometer
    - 1 x Trim gauge
    - 1 x Speedometer
    - 1 x Fuel level gauge
    - 1 x Voltmeter
    - 1 x Instrument harness
  - Pre Rigging Flush Mount Control Box Kit
    - 1x Flush RC Box
    - Main Wire Harness available in 5M, 6.1M, 7.6M & 9.1M (RH Control)
    - 1 x Ignition Switch panel



Pre Rigging

### Single Mount with single digital kit example

- Description**
- Pre Rigging Digital gauge kit
    - 1 x NMEA 2000 tachometer.
    - 1 x NMEA 2000 Instrument harness.
 Dual Kit (Tachometer/Speedo) also available
  - Pre Rigging Side Mount Control Box kit
    - RC Box
    - Main Wire Harness available in 5M, 6.1M, 7.6M, 9.1M & 15M





## Pre Rigging kit examples

### Twin Top Mount remote with NMEA gauges

- Description**
- Pre Rigging Twin Digital Gauge Kit
    - 2 x NMEA 2000 Tachometers
    - 1 x NMEA 2000 Speedometer
    - 3 x NMEA 2000 Instrument Harness & Tee connectors
  - Pre Rigging Dual Top Mount Control Box Kit
    - 1 x Twin Engine RC Box
    - 2 x main wire harness available in; 6.1M, 7.6M & 9.1M (RH Control)
    - 2 x Ignition Switch Panels.



2x

### Side Mount Remote Control Kit

4 x Alert Light

- Description**
- Key Start/PTT/Emergency Stop Switch
  - Handle is reversible
  - 4 Light Alert → Oil pressure / Overheat / PGM-FI/ ACG
  - Port or Starboard Mounting -can be mounted in Pairs



Picture only as illustration!\*

Application	Harness	Part Number
BF40D/BF50D , BF40E, BF60A/BFP60A	5.0M	06480-ZZ5-510
BF75DKO - BBAJ - 1004819 ~ BF80A - BF100A	6.1M	06480-ZZ5-610
BF90DKO - BBCJ 1014203 ~ BF115D - BBHJ 1000001 ~	7.6M	06480-ZZ5-710
BF135A - BARJ - 1003841 ~ BF135 (CR Type) BASJ 1000314 ~	9.1M	06480-ZZ5-810
BF150A - BANJ - 1010488 ~ BF150A (CR Type) BAPJ - 1001415 ~ BF175/200/225 AK1 ~ AK3 BF250A	15.0M	06480-ZZ5-910

### Side Mount Remote Control Kit

4 x Alert Light

- Description**
- Key Start/PTT/Emergency Stop Switch
  - Handle is reversible
  - 4 Light Alert → Oil pressure / Overheat / PGM-FI/ ACG
  - Port or Starboard Mounting -can be mounted in Pairs
  - Integrated trolling control function



Picture only as illustration!\*

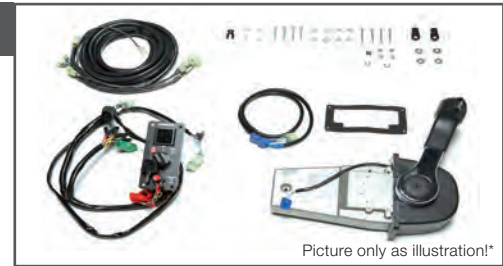
Application	Harness	Part Number
BF40 - BF150	5.0M	06480-ZZ5-522
	6.1M	06480-ZZ5-622
	7.6M	06480-ZZ5-722
	9.1M	06480-ZZ5-822
	15.0M	06480-ZZ5-922

# Pre Rigging



## ■ Top Mount Remote Control Kit 4 x Alert light switch panel

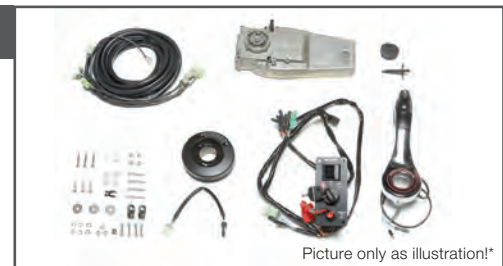
- Description**
- Top Mount Control Box
  - Ignition Switch with integrated alert panel;
  - Oil pressure / Overheat / PGM-FI / ACG



Application	Harness	Part Number	Comments
BF40D/BF50D , BF40E, BF60A/BFP60A	5.0M	06250-ZZ5-U05HE	Right Hand Operation
BF75DKO - BBAJ - 1004819 ~	6.1M	06250-ZZ5-U06HE	
BF80A - BF100A	7.6M	06250-ZZ5-U01HE	
BF90DKO - BBCJ 1014203 ~	9.1M	06250-ZZ5-U09HE	
BF115D - BBHJ 1000001 ~	6.1M	06255-ZZ5-U06HE	Left Hand Operation
BF135A - BARJ - 1003841 ~			
BF135 (CR Type) BASJ 1000314 ~			
BF150A - BANJ - 1010488 ~			
BF150A (CR Type) BAPJ - 1001415 ~	7.6M	06255-ZZ5-U01HE	
BF175/200/225 AK1 ~ AK3			
BF250A			

## ■ Flush Mount Remote Control Kit 4 x Alert light switch panel

- Description**
- Flush Mount Control Box
  - Ignition Switch with integrated alert panel;
  - Oil pressure / Overheat / PGM-FI / ACG



Application	Harness	Part Number	Comments
BF40D/BF50D , BF40E, BF60A/BFP60A	5.0M	06250-ZZ5-U15HE	Right Hand Operation
BF75DKO - BBAJ - 1004819 ~	6.1M	06250-ZZ5-U16HE	
BF80A - BF100A	7.6M	06250-ZZ5-U11HE	
BF90DKO - BBCJ 1014203 ~	9.1M	06250-ZZ5-U19HE	
BF115D - BBHJ 1000001 ~	6.1M	06255-ZZ5-U16HE	Left Hand Operation
BF135A - BARJ - 1003841 ~			
BF135 (CR Type) BASJ 1000314 ~			
BF150A - BANJ - 1010488 ~			
BF150A (CR Type) BAPJ - 1001415 ~	7.6M	06255-ZZ5-U11HE	
BF175/200/225 AK1 ~ AK3			
BF250A			



# Pre Rigging



## Twin Top Mount Remote Control Kit 4 x Alert light switch panel

- Description**
- Twin Top Mount Control Box
  - Ignition Switches with integrated alert panel;
  - Oil pressure/ Overheat/ PGM-FI / ACG



Picture only as illustration!\*

Application	Metres	Part Number	Comments
BF40D/BF50D , BF40E, BF60A/BFP60A BF75DKO - BBAJ - 1004819 ~ BF80A - BF100A	6.1M	06250-ZZ5-U31HE	Right Hand Operation without tie bar
BF90DKO - BBCJ 1014203 ~ BF115D - BBHJ 1000001 ~ BF135A - BARJ - 1003841 ~	7.6M	06250-ZZ5-U51HE	Right Hand Operation without tie bar
BF135 (CR Type) BASJ 1000314 ~ BF150A - BANJ - 1010488 ~ BF150A (CR Type) BAPJ - 1001415 ~ BF175/200/225 AK1 ~ AK3 BF250A	9.1M	06250-ZZ5-U91HE	Right hand operation without tie bar
	7.6M	06255-ZZ5-U51HE	Left Hand Operation without tie bar

## Tiller Handle Kit BF40D / BF50D

- Description**
- Key Start / PTT / Emergency Stop switch
  - 4 Light Switch panel → Oil pressure / Overheat / PGM-FI/ ACG
  - Gearshift lever (F-N-R)
  - Throttle & Handle friction control
  - 3 step angle adjustment
  - Tiller Handle Friction damper



Picture only as illustration!\*

Application	Colour	Part Number
BF40D/BF50D	NH282MU > 2012	06533-ZZ5-624ZA
BF40D/BF50D	NHB14M 2012>	06533-ZZ5-624ZB

## Tiller Handle Kit BF60A / BFP60A

- Description**
- Key Start / PTT / Emergency Stop switch
  - 4 light Switch panel → Oil pressure / Overheat / PGM-FI/ ACG
  - Gearshift lever (F-N-R)
  - Throttle & Handle friction control
  - Trolling control switch
  - 3 step angle adjustment
  - Tiller Handle Friction damper



Picture only as illustration!\*

Application	Colour	Part Number
BF60A/BFP60A	NH282MU > 2012	06533-ZZ3-A44ZA
BF60A/BFP60A	NHB14M 2012>	06533-ZZ3-A44ZB

## Rigging Hose Kit

- Description**
- 1,5M Black Hose → 50 mm inner Ø
  - 1 x Boat Fitting
  - Available also in 15M length - cut to required lengths



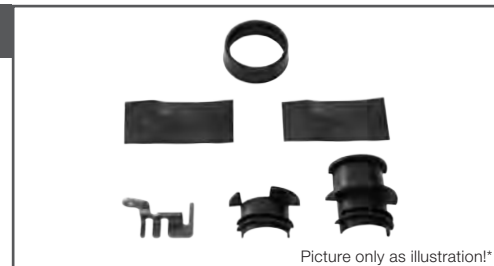
Application	Kit	Part Number
BF60A ~ BF250A	1.5M Black hose - 1 boat fitting	06177-ZZ3-U00HE
Black hose 15 meter	extension hose 15 meter	06177-ZZ3-U10HE
Boat fitting X 1	Boat fitting	06177-ZZ3-U80HE

# Pre Rigging



## Rigging Tube Kit

- Kit Contains:**
- Rigging tube - lower Qty: 1
  - Rigging tube - upper Qty: 1
  - Cable holder (stainless steel) Qty: 1
  - Compression ring Qty: 1
  - Rubber sheet protectors Qty: 2



Application	Part Number
BF115D / BF135A / BF150A	40105-ZY6-010AH
BF200A / BF225A / BF250A	40105-ZY3-020AH



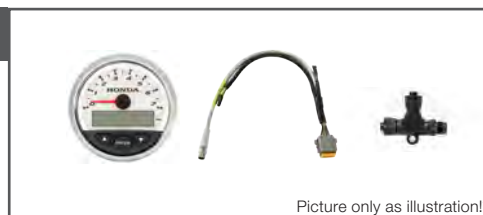
# Pre Rigging



## Rigging Existing Onboard NMEA 2000 network

### NMEA 2000 Tachometer kit

- Description**
- 1 x NMEA 2000 Tachometer
  - 1 x NMEA 2000 Instrument Harness
  - 1 x NMEA 2000 T connector
- Note**
- These kits are specifically for applications where an existing NMEA 2000 CANbus network and Honda NMEA 2000 engine drop cable are already installed.

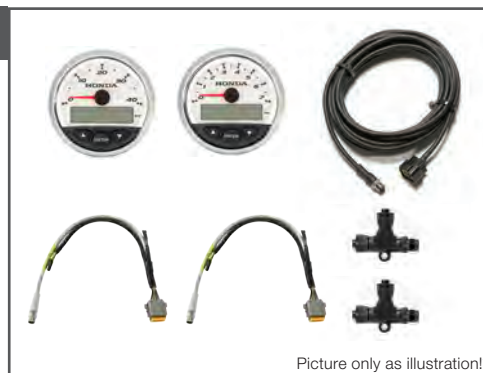


Application	Part Number	Colour
BF40D ~ BF250 NMEA 2000 compliant models	06326-ZX2-U02EU	Black
	06326-ZX2-T12EU	White

## New Installation of Onboard NMEA 2000 network

### NMEA 2000 Tachometer & Speedometer Kits

- Description**
- 1 x NMEA 2000 Tachometer
  - 1 x NMEA 2000 Speedometer
  - 2 x NMEA 2000 Instrument Harness
  - 2 x NMEA 2000 T connector
- Note**
- These kits are specifically for applications where an existing NMEA 2000 CANbus network and Honda NMEA 2000 engine drop cables are already installed.



Application	Colour	Part Number	Comment
BF40D ~ BF250 NMEA 2000 compliant models	Black	06375-ZX2-U42EU	40kts
	Black	06375-ZX2-U72EU	70kts
	White	06375-ZX2-T42EU	40kts
	White	06375-ZX2-T72EU	70kts

Speedometer Functions	
1	Primary Speed: Knots Secondary Speed: Kilometres (on LCD screen)
2	Speed over Water (Non GPS - Hull transducer) SOW
3	Speed over Ground (GPS device or antenna) SOG
4	Water Depth - metres
5	Water Temperature (External) celsius
6	ECOmo (Economy-Lean Burn Mode) Green LED
7	Warning Alerts: Oil level / Temperature / PGM-FI / Charging- Battery Red LED
8	Fuel Burn Rate
9	Fuel tank level
10	Total fuel used
11	Water tank level (White or Black water)
12	Steering angle (Rudder)
13	"Honda" appears on LCD screen on start up - 3 seconds

Tachometer Functions	
1	Engine RPM
2	Trim Angle: 5automatic pop up Screen) Graduated bar with trim percentage (Fuel burn rate also displayed to optimise engine position)
3	Engine Operating Hours
4	Fuel Burn Rate: litres per hour
5	Fuel Tank level
6	Battery Voltage
7	Warning Alerts: Oil level / Temperature / PGM-FI / Charging- Battery Red LED
8	ECOmo (Economy-Lean Burn Mode) Green LED
9	Water in Fuel / Emergency Stop / Maintenance Reminder Notification (no alert)
10	"Honda" appears on LCD screen on start up - 3 seconds

# Pre Rigging



## No Existing Onboard NMEA 2000 Network

### NMEA 2000 Tachometer kit

- Description**
- 1 x NMEA 2000 Tachometer
  - 1 x NMEA 2000 Instrument Harness
  - 1 x NMEA 2000 T connector
  - 1 x NMEA 2000 Engine drop cable kit (6M inc T connector)

- Note**
- These kits are specifically for applications where an existing NMEA 2000 CANbus network and Honda NMEA 2000 engine drop cable are NOT installed.



Picture only as illustration!\*

Application	Part Number	Colour
BF40D ~ BF250 NMEA 2000 compliant models	06375-ZX2-B00HE	Black
	06375-ZX2-A00HE	White

### NMEA 2000 Tachometer & Speedometer Kits

- Description**
- 1 x NMEA 2000 Tachometer
  - 1 x NMEA 2000 Speedometer
  - 2 x NMEA 2000 Instrument Harness
  - 2 x NMEA 2000 T connector
  - 1 x NMEA 2000 Engine drop cable kit (6M inc T connector)

- Note**
- These kits are specifically for applications where an existing NMEA 2000 CANbus network and Honda NMEA 2000 engine drop cables are NOT installed.



Picture only as illustration!\*

Application	Part Number	Colour	Comment
BF40D ~ BF250 NMEA 2000 compliant models	06375-ZX2-B40HE	Black	40kts
	06375-ZX2-B70HE	Black	70kts
	06375-ZX2-A40HE	White	40kts
	06375-ZX2-A70HE	White	70kts

### NMEA 2000 Network Starter Kit

- Description**
- 1 x NMEA 2000 Power lead
  - 1 x NMEA 2000 Tee Connector
  - 1 x NMEA 2000 Terminator (M)
  - 1 x NMEA 2000 Terminator (F)

- Note**
- This NMEA 2000 Network starter kit is required for applications where there is no existing NMEA 2000 CANbus network - required to provide power to gauge kits

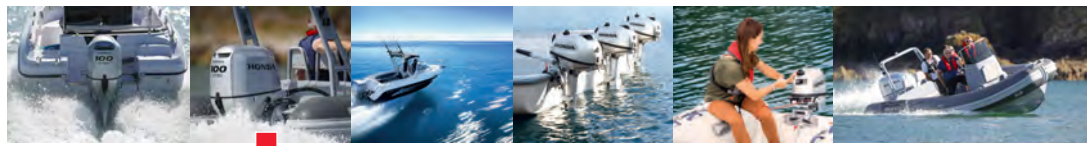


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Application	Part Number
BF40D ~ BF250 NMEA 2000 compliant models	06329-ZZ3-U00HE



# Pre Rigging

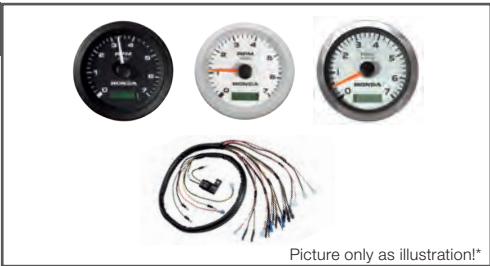


## 5 Gauge kit

- Description**
- 5 Gauge kit
  - Tachometer
  - Speedometer
  - Trim Gauge
  - Fuel Gauge See note
  - Voltmeter
  - Instrument Harness
  - Kit includes fittings & Pitot Tube

**Note**

Fuel Sender	Empty	Full
EU Type	10 Ω	180 Ω
USA Type	240 Ω	33 Ω



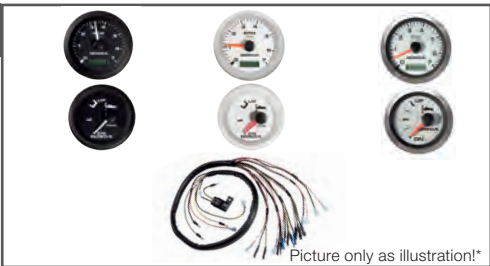
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Application	Metres	Part Number	Comments
BF40D ~ BF250A	1.37	06365-ZW5-00AHE	Black gauge kit inc EU Type Fuel Gauge
	1.37	06360-ZW5-00AHE	Black gauge kit inc US Type Fuel Gauge
	1.37	06365-ZW5-00BHE	White gauge kit inc EU Type Fuel Gauge
	1.37	06360-ZW5-00BHE	White gauge kit inc US Type Fuel Gauge
	1.37	06365-ZW5-013SK	Charcoal gauge kit inc EU Type Fuel Gauge
	1.37	06360-ZW5-013SK	Charcoal gauge kit inc USA Type Fuel Gauge
	2,1	06350-ZW5-003SK	Charcoal gauge kit inc USA Type Fuel Gauge no volt meter included

## 2 Gauge kit

- Description**
- Tachometer
  - Trim Meter
  - Instrument Harness
  - Kit includes fittings

Application	Part Number	Comments
BF40D ~ BF250A	06333-ZW5-00AHE	Black gauge kit
	06333-ZW5-00BHE	White gauge kit
	06333-ZW5-013SK	Charcoal gauge kit



Picture only as illustration!\*

## Deluxe 2 Gauge kits

- Description**
- Tachometer
  - Trim Meter
  - Instrument Harness
  - Kit includes fittings
- Note**
- Suitable for use with Rudder Meter Kit (BF60A / BFP60)

Application	Part Number	Comments
BF40D ~ BF250A	06333-ZW5-000HE	Black gauge kit
	06351-ZW5-00AHE	Black gauge kit
	06351-ZW5-00BHE	White gauge kit



Picture only as illustration!\*

# Pre Rigging



## To complement your iST add these kits

### iST Single Digital Kit

- Kit Contains:**
- Tachometer, harness T connector (NMEA 2000) Qty: 1
  - Ignition Switch panel Qty: 1
  - Main Wire Harness - 7.6M Qty: 1
  - NMEA cable 6,1M + T connector Qty: 1



Part Number	Colour
06240-ZX2-A00HE	White
06240-ZX2-B00HE	Black

### iST Single Analogue Kit

- Kit Contains:**
- Instrument harness 2,1 meter Qty: 1
  - Ignition Switch panel Qty: 1
  - Main Wire Harness - 7.6M Qty: 1
  - Tacho hour meter 7000 rpm white Qty: 1
  - Trim meter white Qty: 1



Part Number	Colour
06330-ZX2-A00HE	White
06330-ZX2-B00HE	Black

### iST Twin Digital Kit

- Kit Contains:**
- Tachometer, harness T connector (NMEA 2000) Qty: 2
  - Ignition Switch panel Qty: 2
  - Main Wire Harness - 7.6M Qty: 1
  - Main Wire Harness - 9.6M Qty: 1
  - NMEA cable 6,1M + T connector Qty: 2



Part Number	Colour
06245-ZX2-A00HE	White
06245-ZX2-B00HE	Black

### iST Twin Analogue Kit

- Kit Contains:**
- Instrument harness 2,1 meter Qty: 2
  - Ignition Switch panel Qty: 2
  - Main Wire Harness - 7.6M Qty: 1
  - Main Wire Harness - 9.6M Qty: 1
  - Tacho hour meter 7000 rpm white Qty: 2
  - Trim meter white Qty: 2



Part Number	Colour
06335-ZX2-A00HE	White
06335-ZX2-B00HE	Black

# Pre Rigging



To complement your iST add these kits

## ■ DR H / iST DBW Adapter Harness

**Application:** All models equipped with iST DBW



Part Number	Comments
39865-YH0-000AH	







## NMEA 2000 (N2K) Communication Cable (N2K Drop cable)

**Description** • NMEA 2000 communication cable permits direct connection of N2K engines to existing CAN Network



Picture only as illustration!

Application	Cable	Part Number	Comments
BF40D - BF50 BF60A BFP60A BF80A - BF100A BF115D BBHJ 1000001 ~ BF135A BARJ 1003841 ~ BF135A BASJ 1000314 ~ (CR Type) BF150A BANJ 1010488 ~ BF150A BAPJ 1001415 ~ (CR type) BF175AK3 BAJJ - 1300001 - BF200AK3 BAEJ - 1600002 - BF200AK3 BAFJ - 1600001 - (CR type) BF225AK3 BAGJ - 1600012 - BF225AK3 BAHJ - 1600003 - (CR type) BF250A BBJJ - 1000001 - BF250A BBJJ - 1000001 - (CR type)	3M	<b>06653-ZZ3-730HE</b>	3 meter drop cable kit (includes T connector)
	6M	<b>06653-ZZ3-760HE</b>	6 meter drop cable kit (includes T connector)

## NMEA 2000 (N2K) T connector & Terminators

**Description** T piece connectors and terminators to be used for

- Creation of CANbus network
- Expansion of existing CANbus network



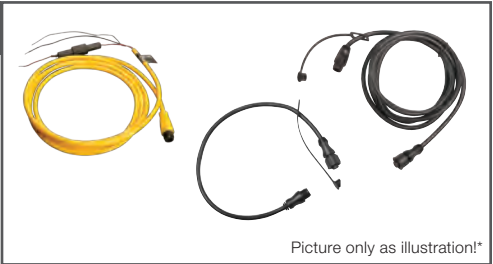
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Application	Part Number	Comments
BF40D - BF50 BF60A BFP60A BF80A - BF100A BF115D BBHJ 1000001 ~ BF135A BARJ 1003841 ~ BF135A BASJ 1000314 ~ (CR Type) BF150A BANJ 1010488 ~ BF150A BAPJ 1001415 ~ (CR type) BF175AK3 BAJJ - 1300001 - BF200AK3 BAEJ - 1600002 - BF200AK3 BAFJ - 1600001 - (CR type) BF225AK3 BAGJ - 1600012 - BF225AK3 BAHJ - 1600003 - (CR type) BF250A BBJJ - 1000001 - BF250A BBJJ - 1000001 - (CR type)	<b>06325-ZX2-000EU</b>	T connector gauge
	<b>06325-ZZ3-760HE</b>	T piece connector
	<b>06326-ZZ3-761HE</b>	Male terminator
	<b>06327-ZZ3-761HE</b>	Female terminator



## NMEA 2000 (N2K) CANbus Network Components

- Description**
- Extension cables
  - 12 volt power lead
  - NMEA 2000 Starter kit
- NMEA 2000 extension cables are designed to extend the CANbus network, not for the engine drop cable



Picture only as illustration!\*

Application	Part Number	Comments
BF40D - BF50 BF60A BFP60A BF80A - BF100A BF115D BBHJ 1000001 ~ BF135A BARJ 1003841 ~ BF135A BASJ 1000314 ~ (CR Type) BF150A BANJ 1010488 ~ BF150A BAPJ 1001415 ~ (CR type) BF175AK3 BAJJ - 1300001 - BF200AK3 BAEJ - 1600002 - BF200AK3 BAFJ - 1600001 - (CR type) BF225AK3 BAGJ - 1600012 - BF225AK3 BAHJ - 1600003 - (CR type) BF250A BBJJ - 1000001 - BF250A BBJJ - 1000001 - (CR type)	06329-ZZ3-000HE	NMEA 2000 Power Lead
	06329-ZZ3-703HE	NMEA 2000 Extension (0.3M)
	06329-ZZ3-720HE	NMEA 2000 Extension (2.0M)
	06329-ZZ3-U00HE	NMEA 2000 starter kit 12 Volt power lead, terminators male/female, T connector

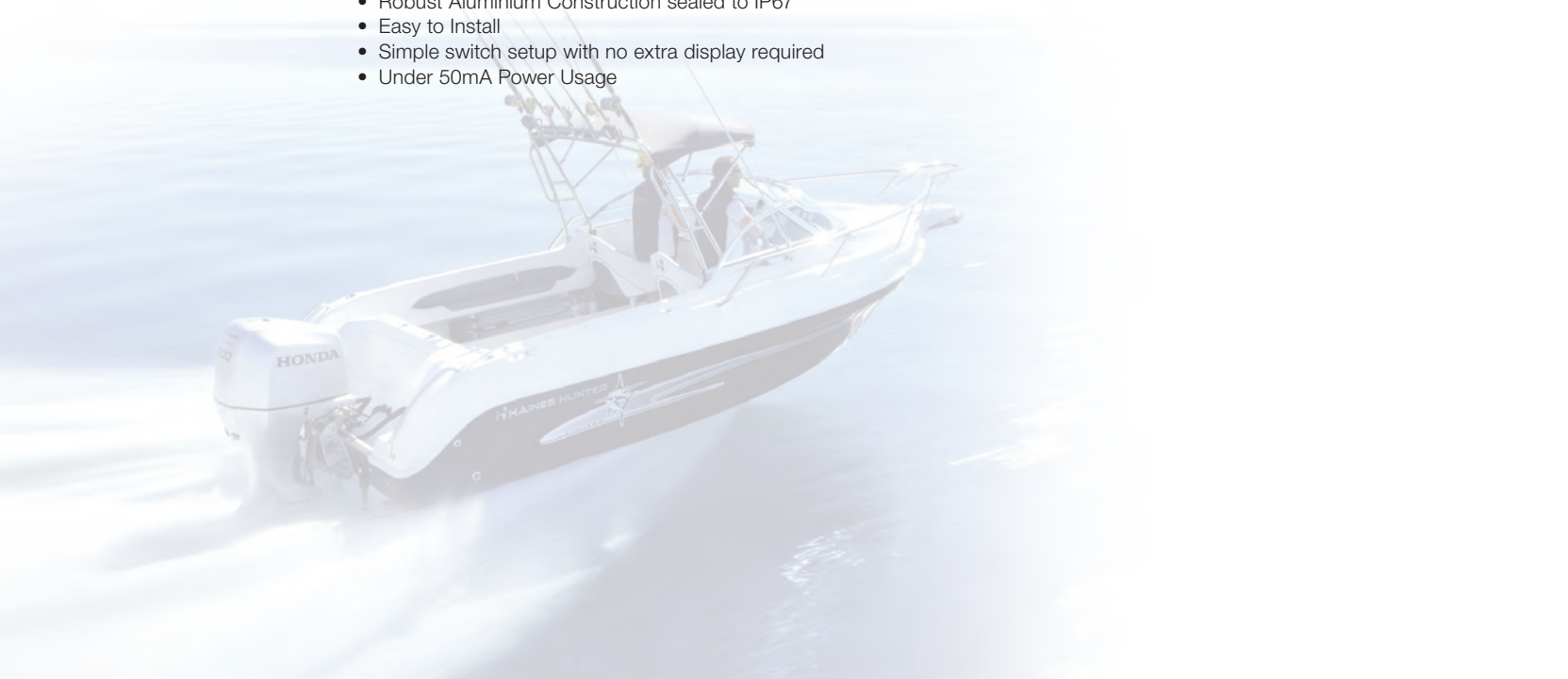
## NMEA 2000 Fuel tank sender adaptor kit

Part Number
06385-ZX2-000HE

- Description**
- High ±1% Accuracy
  - Low cost
  - Suits 0-180 and 240-30 Ohm Senders
  - Fuel, Freshwater, Wastewater, Oil,
  - Live Well or Blackwater
  - Up to 16 tanks of each type
  - Robust Aluminium Construction sealed to IP67
  - Easy to Install
  - Simple switch setup with no extra display required
  - Under 50mA Power Usage



Picture only as illustration!\*



# Propellers



# Propellers



## Additional mounting/installation information

The range of Honda propellers has been carefully selected to ensure that precise matching of customers boats and Honda Outboards can be undertaken. It is essential that the correct selection is made for the customer to ensure the perfect match for the boat package is achieved, thus meeting customer expectations.

A wide variety of propellers, (varying in diameter & pitch) have been made available to ensure engines operate within the Honda recommended operating range.

When mounting Outboard Motors, some factors must be considered prior to installation. All of these are important to boat handling, engine performance and to maximise engine fuel efficiency.

### 1/ Horizontal Positioning

In most boat applications, engine location is normally at centre line of the transom. However, some boats do require a slight offset to starboard side. The boat manufacturer should provide details on the necessity of this if required. For twin motor applications, both outboards must be mounted at the same distance from the centre point on the transom of the boat.

### 2/ Vertical Positioning

The vertical positioning of the engine is also very important and this will directly affect cavitation/ventilation characteristics, top speed and fuel efficiency.

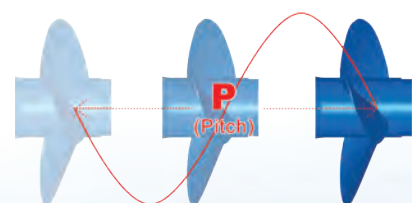
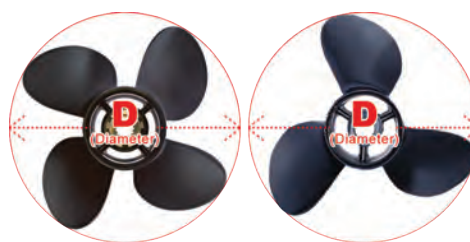
The chosen height position will be different on boat types and dependant on boat hull shape, weight and usage, such as high performance, fishing, commercial, cruising etc.

The position for optimum performance may need to be decided upon, only after on water testing with different height settings and propeller types. Always allow for passengers, fuel and equipment on board when determining propeller type.

#### Diameter:

Is the distance between propeller blade tips through the centre line of the propeller.

Large diameter propellers are commonly found on larger slower moving boats and smaller diameter propellers on faster moving craft.



#### Pitch:

Is the theoretical distance the propeller travels forward upon completion of a full 360° of rotation.

This is defined as the propeller pitch. However, as water is not

a solid, this figure will not be achieved due to "slip" in the water.

**Tip: 1"(25MM) change of pitch will vary engine rpm by approximately 300 / 400 rpm**

#### Rake:

The propeller rake is given by the angle between the vertical line on the prop axis and a line following the edge of the blade. If viewed from the side, the blades will be seen to slope forward or rearward, positive or negative rake. High rake propellers provide better results on higher mounted or trimmed outboards. In general, if the negative rake angle is large, cavitation and ventilation toughness is improved as the rake can help strengthen the blade sections.

Low Rake

High Rake



0° Rake

20° Rake

Stern Lift

Bow Lift



# Propellers



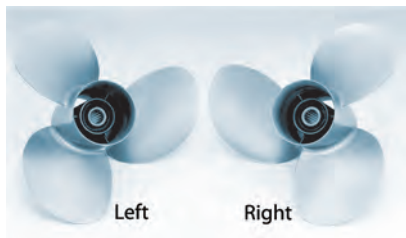
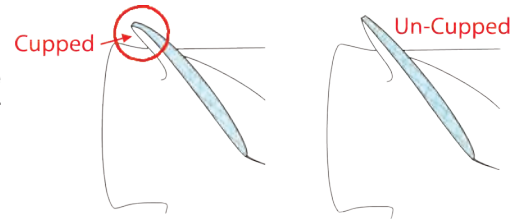
## Additional mounting/installation information

### Propeller Slip (Slip Factor):

Propeller slip is most commonly expressed as a percentage, this being the difference between the theoretical distance travelled forward (propeller pitch) and the actual distance measured as a result of a full 360° rotation of the propeller. If a propeller with a pitch of 10" only moves the boat forward a distance of 9", the slip factor can be judged to be 10%.

### Propeller Cup:

When the trailing edge of a propeller blade has a "curl" away from the boat, it is normally described as being cupped. Cupping the propeller blade is an easy way to increase the pitch or rake without bending the entire blade.



### Counter Rotating Propellers:

On selected higher HP outboards, counter rotating propellers are available. The port side propeller is a mirror image (of the std type) and rotates in the opposite direction to the starboard propeller. The opposite turning effect of the propellers reduces the necessity for constant adjustment of steering by the customer, (a neutral steering control) and ensures easier manoeuvrability by balancing out the turning forces created by the propeller rotation. This becomes a more important requirement, especially with motors in excess of 75Hp.

### 3 Blade Propeller

This is the most common type used and provides excellent levels of performance throughout the outboard operating range. Selected counter rotating versions are also available.

A good general purpose type, available in Stainless Steel and Aluminium.

### 4 Blade Propeller

Less common than 3 blade types, 4 blade propellers provide increased acceleration and mid range performance over similar 3 blade types (although a slightly lower top speed will be achieved).

The additional blade also adds to a smoother running application.

Ideal for ski-ing/wakeboarding where acceleration and trust is an important operating factor.

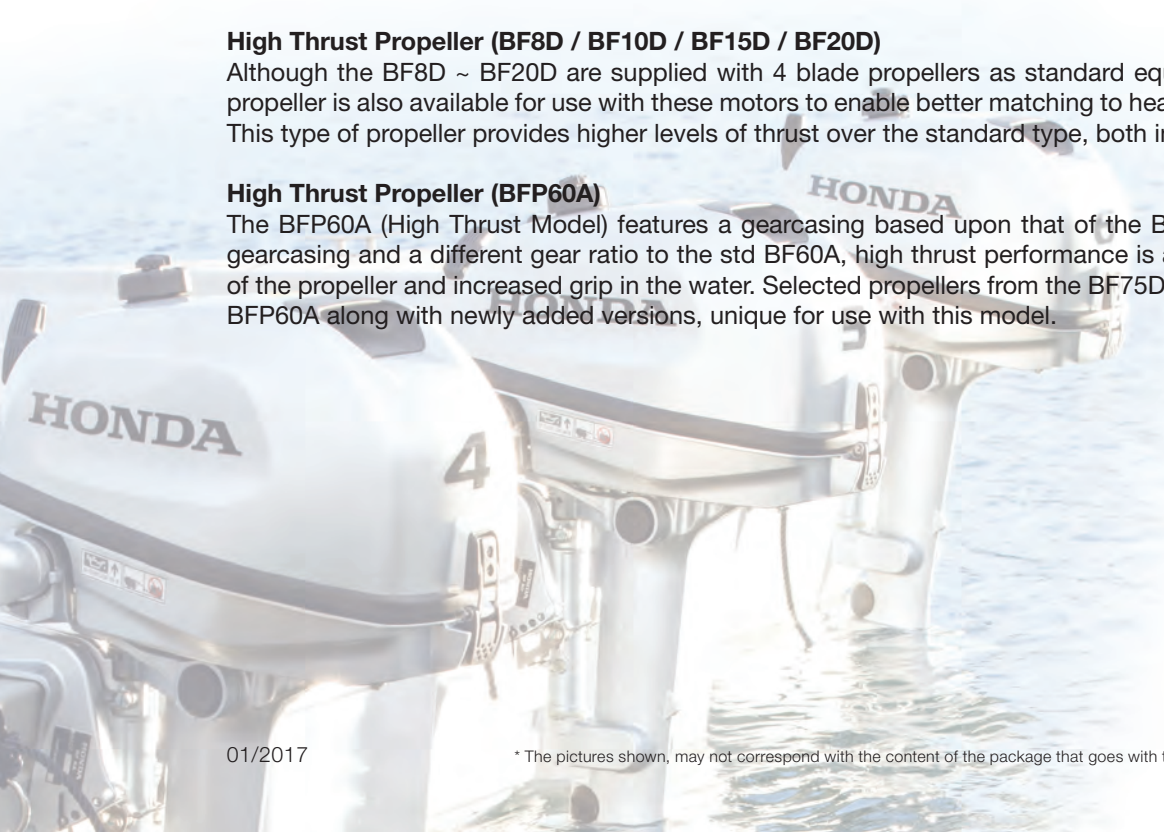
Available in Stainless Steel and Aluminium.

### High Thrust Propeller (BF8D / BF10D / BF15D / BF20D)

Although the BF8D ~ BF20D are supplied with 4 blade propellers as standard equipment, a high thrust 4 blade propeller is also available for use with these motors to enable better matching to heavier, slower moving watercraft. This type of propeller provides higher levels of thrust over the standard type, both in forward and reverse.

### High Thrust Propeller (BFP60A)

The BFP60A (High Thrust Model) features a gearcasing based upon that of the BF75D / BF90D. By use of this gearcasing and a different gear ratio to the std BF60A, high thrust performance is achieved by the slower turning of the propeller and increased grip in the water. Selected propellers from the BF75D / BF90D are listed for use with BFP60A along with newly added versions, unique for use with this model.



# Propellers



## Types of propeller

### Plastic Propeller (3 Blade)

- Replacement propeller for BF2D ~ BF2.3D
- Perfectly matched to ensure optimum performance



### Aluminium Propellers (3 Blade)

- Light weight, General Purpose Propellers
- Provide excellent levels of performance throughout the engine operating range
- Lower cost alternative to Stainless Steel
- Ideal for use on board as a spare or alternative pitch propeller



### Aluminium Propellers (4 Blade)

- In addition to 3 Blade Aluminium propellers, 4 Blade type provide
- Improved acceleration & powerful thrust in low to mid range
  - Smoother running with excellent cruising performance
  - Ideal for waterski / wakeboard activities
  - Suited to rough water conditions



### Aluminium Propellers - Power Thrust (BF8D ~ BF20D) (4 Blade)

- Light weight - Power Thrust Propellers
- Ideal for use with heavier slow moving craft (displacement type hulls)



### Stainless Steel Propellers (3 Blade)

- Provide higher levels of performance versus comparable Aluminium types.
- Higher levels of resistance to blade flexing & cavitation compared to Aluminium
- Suited to high performance leisure craft & commercial applications
- Increased durability due to material hardness compared to Aluminium
- See additional notes in propeller section on boat applications & usage



### Stainless Steel Propellers (4 Blade)

- In addition to 3 Blade Stainless Steel propellers, 4 Blade type provide
- Improved acceleration & powerful thrust in low to mid range
  - Smoother running with excellent cruising performance
  - Ideal for waterski / wakeboard activities
  - Suited to rough water conditions
  - See additional notes in propeller section on boat applications & usage etc



# Propellers



## Plastic Propellers

### BF2.3A (BF2D) (3 Blade)

Part Number	Specification (D & P)	Comments
58130-ZV0-841ZB	7 1/4" x 4 3/4"	Also suitable for use with BF2D



## Aluminium Propellers 3 Blade

### BF4AH / BF5DH / BF6AH (3 Blade)

Part Number	Specification (D & P)	Comments
58130-ZVD-V01ZA	7 1/4" x 5 1/2"	Suitable for the models above
58130-ZVD-701ZA	7 7/8" x 5 7/8"	
58130-ZVD-801ZA	7 7/8" x 8 1/4"	
58130-ZVD-003ZA	7 7/8" x 7 1/2"	
58130-ZVD-601ZA	7 7/8" x 6 3/4"	



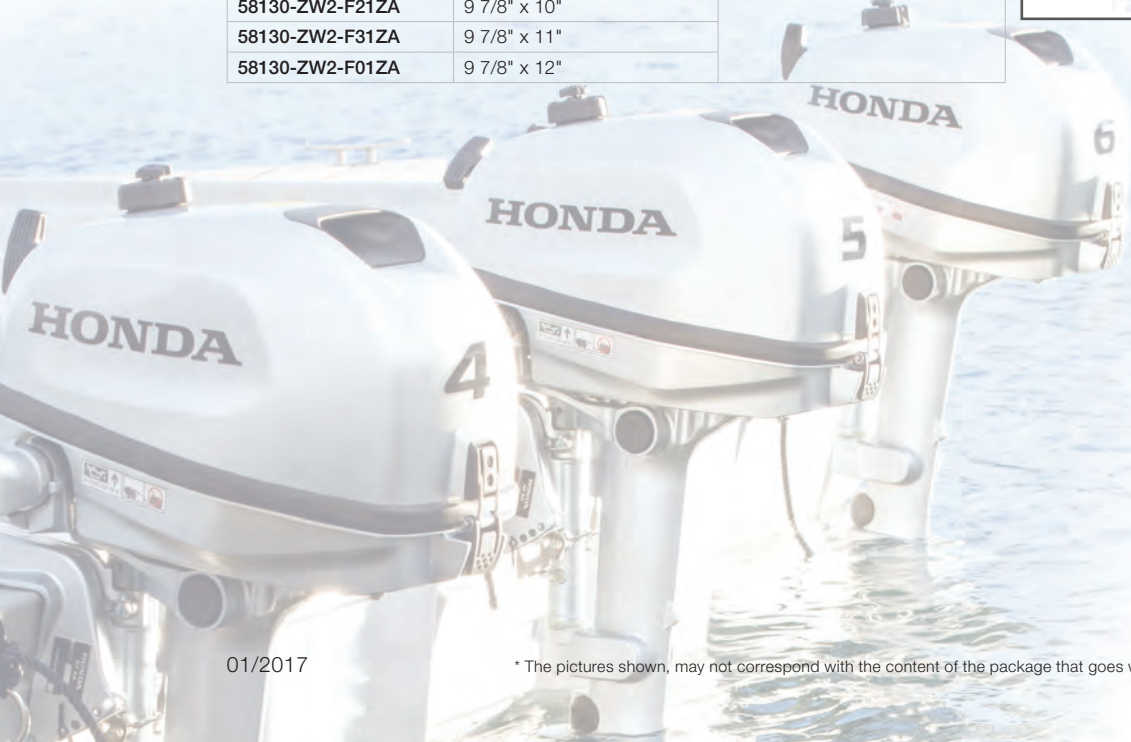
### BF5A (3 Blade)

Part Number	Specification (D & P)	Comments
58130-ZV1-841ZB	7 7/8" x 7 1/2"	Also suitable for use with BF4.5
58130-ZV1-941ZB	7 7/8" x 6 3/4"	Also suitable for use with BF4.5



### BF25D / BF30D (BF20A 3 cyl) (3 Blade)

Part Number	Specification (D & P)	Comments
58130-ZV7-000ZA	9 1/4" x 12"	Propellers also suitable for BF20A (3 cyl) - Not BF20D
58130-ZV7-850ZA	9 3/4" x 9 7/8"	
58130-ZV7-860ZB	10" x 8 1/4"	
58130-ZW2-F11ZA	9 7/8" x 9"	
58130-ZW2-F21ZA	9 7/8" x 10"	
58130-ZW2-F31ZA	9 7/8" x 11"	
58130-ZW2-F01ZA	9 7/8" x 12"	



# Propellers



## Aluminium Propellers : 3 Blade

### BF40D / BF40E BF50D / BF60A (BF40A / BF50A) (3 Blade)

Part Number	Specification (D & P)	Comments
58130-ZV5-000ZA	11 1/4" x 13"	BF40 A / BF50A only
58130-ZV5-850ZA	11 1/2" x 12"	
58130-ZV5-860ZA	11 3/4" x 10"	
58130-ZV5-870ZA	11 1/2" x 14 1/4"	
59130-ZV5-007AH	12 1/4" x 7"	BF40D / BF50D / BF60A BF40A / BF50A
59130-ZV5-008AH	12 1/4" x 8"	
59130-ZV5-009AH	12 1/8" x 9"	
59130-ZV5-011AH	11 5/8" x 11"	
59130-ZV5-012AH	11 3/8" x 12"	BF40D / BF50D / BF60A BF40A / BF50A / BF40E
59130-ZV5-013AH	11 1/8" x 13"	
59130-ZV5-014AH	11 1/8" x 14"	
59130-ZV5-015AH	11" x 15"	
59130-ZV5-016AH	11" x 16"	BF40D / BF50D / BF60A
59130-ZV5-017AH	11" x 17"	
58130-ZZ5-000ZA	11 1/4" x 13"	BF40D / BF50D / BF40E
58130-ZZ5-630ZA	11 3/4" x 10"	
58130-ZZ5-660ZA	11 1/2" x 12"	BF40D / BF50D / BF40E
58130-ZZ5-760ZA	11 1/2" x 14 1/4"	



### BFP60A / BF75A / BF75D BF80A / BF90 / BF90D / (3 Blade) BF100A / BF115A / BF130A 1998 ~ 2009

Part Number	Specification (D & P)	Comments
58130-ZW1-011AH	14" x 11"	BFP60A / BF75A / BF75D / BF80A / BF90 / BF90D / BF100A / BF115A / BF130A
58130-ZW1-013AH	13 3/4" x 13"	
58130-ZW1-013B	13 3/4" x 13" CR	BF115A / BF130A
58130-ZW1-015AH	13 1/2" x 15"	BFP60A / BF75A / BF75D / BF80A / BF90 / BF90D / BF100A / BF115A / BF130A
58130-ZW1-015B	13 1/2" x 15" CR	
58130-ZW1-017AH	13 1/4" x 17"	BFP60A / BF75A / BF75D / BF80A / BF90 / BF90D / BF100A / BF115A / BF130A
58130-ZW1-017B	13 1/4" x 17" CR	
58130-ZW1-018AH	13 1/4" x 18"	BF80A / BF100A
58130-ZW1-019AH	13" x 19"	BFP60A / BF75A / BF75D / BF80A / BF90 / BF90D / BF100A / BF115A / BF130A
58130-ZW1-021AH	13" x 21"	
58130-ZZ0-D81ZB	13 1/5" x 19"	BFP60A
58130-ZZ0-D91ZB	13 1/5" x 21"	



### BF115D / BF135A BF150A / BF175A BF200A / BF 225A (3 Blade)

Part Number	Specification (D & P)	Comments
58130-ZY3-013A	15 1/2" x 13"	Counter Rotating type
58130-ZY3-015AH	15 1/4" x 15"	
58130-ZY3-015BH	15 1/4" x 15"	Counter Rotating type
58130-ZY3-017AH	15" x 17"	
58130-ZY3-017BH	15" x 17"	Counter Rotating type
58130-ZY3-019AH	14 3/4" x 19"	
58130-ZY3-019BH	14 3/4" x 19"	Counter Rotating type
58130-ZY3-021AH	14 1/2" x 21"	
58130-ZY3-021BH	14 1/2" x 21"	Counter Rotating type
58130-ZY3-023AH	14 1/4" x 23"	
58130-ZY3-015AP	15 3/4" x 15"	Counter Rotating type
58130-ZY3-017AP	15 1/2" x 17"	
58130-ZY3-017BP	15 1/2" x 17"	



# Propellers



## Aluminium Propellers : 3 Blade

■ BF6A / BF8A 1986 ~ 2007

(3 Blade)

Part Number	Specification (D & P)	Comments
58130-881-840ZB	9 1/2" x 8 5/8"	Also suitable for BF75 / BF100 1977 ~ 1986



■ BF9.9A / BF 15A 1986 ~ 2002

(3 Blade)

Part Number	Specification (D & P)	Comments
58130-ZV4-703ZB	9 1/2" x 8 5/8"	
58130-ZV4-030ZB	9 1/2" x 9 1/2"	
58130-ZV4-008AH	9 1/4" x 8"	
58130-ZV4-009AH	9 1/4" x 9"	
58130-ZV4-010AH	9 1/4" x 10"	



# Propellers



## Stainless Steel Propellers: 3 Blade

### BF25D / BF30D (BF20A 3 cyl) (3 Blade)

Part Number	Specification (D & P)	Comments
58133-ZV7-008AH	10" x 8"	Propellers also suitable for BF20A (3 cyl)
58133-ZV7-009AH	10" x 9"	
58133-ZV7-010AH	10" x 10"	
58133-ZV7-011AH	10" x 11"	Not suitable for 2 cyl BF20D
58133-ZV7-012AH	10" x 12"	
58133-ZV7-013AH	10" x 13"	



### BF40D / BF50D / BF60A (BF40A / BF50A) (3 Blade)

Part Number	Specification (D & P)	Comments
59133-ZV5-009AH	12 1/4" x 9"	BF40D / BF50D / BF60A BF40A / BF50A
59133-ZV5-011AH	11 3/4" x 11"	
59133-ZV5-012AH	11 1/2" x 12"	
59133-ZV5-013AH	11 1/8" x 13"	
59133-ZV5-014AH	11 1/8" x 14"	
59133-ZV5-015AH	11" x 15"	
59133-ZV5-016AH	10 3/4" x 16"	
59133-ZV5-017AH	11" x 17"	



### BFP60A / BF75D / BF75A / BF80A / BF90D / BF90A (3 Blade) / BF100A / BF115A / BF130A

Large blade area design provides:

- Great load carrying capability
- Excellent fuel economy

Part Number	Specification (D & P)	Comments
58133-ZW1-A13AH	13 3/4" x 13"	
58133-ZW1-B13AH	13 3/4" x 13"	Counter Rotating type
58133-ZW1-A15AH	13 3/4" x 15"	
58133-ZW1-B15AH	13 3/4" x 15"	Counter Rotating type
58133-ZW1-A17AH	13 1/4" x 17"	
58133-ZW1-B17AH	13 1/4" x 17"	Counter Rotating type
58133-ZW1-A19AH	13 1/4" x 19"	
58133-ZW1-B19AH	13 1/4" x 19"	Counter Rotating type



# Propellers



## BF115D / BF135A / BF150A / BF175A / BF200A / BF225A (3 Blade)

**Description** Provides good acceleration & top end performance on a wide variety of craft.

- Larger Blade area
- Moderate Cupping

Part Number	Specification (D & P)	Comments
58133-ZY3-A15AH	13 1/2" x 15"	
58133-ZY3-B15AH	13 1/2" x 15"	Counter Rotating type
58133-ZY3-A17AH	14 1/4" x 17"	
58133-ZY3-B17AH	14 1/4" x 17"	Counter Rotating type
58133-ZY3-A19AH	14" x 19"	
58133-ZY3-B19AH	14" x 19"	Counter Rotating type
58133-ZY3-A21AH	14" x 21"	
58133-ZY3-B21AH	14" x 21"	Counter Rotating type

**Description** Provides better load carrying capability and higher levels of fuel efficiency for higher power Honda Outboard engines

- High camber blade geometry
- Large blade area

58133-ZY3-A15S	15 1/2" x 15"	
58133-ZY3-B15S	15 1/2" x 15"	Counter Rotating type
58133-ZY3-A17S	15 1/4" x 17"	
58133-ZY3-B17S	15 1/4" x 17"	Counter Rotating type
58133-ZY3-A19S	15" x 19"	
58133-ZY3-B19S	15" x 19"	Counter Rotating type
58133-ZY3-A21S	14 3/4" x 21"	
58133-ZY3-B21S	14 3/4" x 21"	Counter Rotating type
58133-ZY3-A23S	14 1/2" x 23"	
58133-ZY3-B23S	14 1/2" x 23"	Counter Rotating type





## Stainless Steel Propellers: 3 Blade

### BF115D / BF135A / BF150A / BF175A / BF200A / BF225A (3 Blade)

Part Number	Specification (D & P)	Comments
58133-ZY3-A16HR	14 3/4" x 16"	
58133-ZY3-B16HR	14 3/4" x 16"	Counter Rotating type
58133-ZY3-A17HR	14 3/4" x 17"	
58133-ZY3-B17HR	14 3/4" x 17"	Counter Rotating type
58133-ZY3-A18HR	14 3/4" x 18"	
58133-ZY3-B18HR	14 3/4" x 18"	Counter Rotating type
58133-ZY3-A19HR	14 3/4" x 19"	
58133-ZY3-B19HR	14 3/4" x 19"	Counter Rotating type
58133-ZY3-A20HR	14 3/4" x 20"	
58133-ZY3-B20HR	14 3/4" x 20"	Counter Rotating type
58133-ZY3-A21HR	14 1/2" x 21"	
58133-ZY3-B21HR	14 1/2" x 21"	Counter Rotating type
58133-ZY3-A22HR	14 1/4" x 22"	
58133-ZY3-B22HR	14 1/4" x 22"	Counter Rotating type



### BF250A (3 Blade)

Part Number	Specification (D & P)	Comments
58133-ZY3-A15LX	15 3/4" x 15"	
58133-ZY3-B15LX	15 3/4" x 15"	Counter Rotating type
58133-ZY3-A16LX	15 5/8" x 16"	
58133-ZY3-B16LX	15 5/8" x 16"	Counter Rotating type
58133-ZY3-A17LX	15 1/2" x 17"	
58133-ZY3-B17LX	15 1/2" x 17"	Counter Rotating type
58133-ZY3-A18LX	15 3/8" x 18"	
58133-ZY3-B18LX	15 3/8" x 18"	Counter Rotating type
58133-ZY3-A19LX	15 1/4" x 19"	
58133-ZY3-B19LX	15 1/4" x 19"	Counter Rotating type
58133-ZY3-A20LX	15 1/8" x 20"	
58133-ZY3-B20LX	15 1/8" x 20"	Counter Rotating type
58133-ZY3-A21LX	15" x 21"	
58133-ZY3-B21LX	15" x 21"	Counter Rotating type





# Propellers



## Aluminium Propellers: 4 Blade

### BF8D / BF10D / BF15D / BF20D (standard type) (4 Blade)

Part Number	Specification (D & P)	Comments
<b>Standard Propeller</b>		
58130-ZW9-B23ZA	10" x 6 1/4"	
58134-ZV4-007AH	9 1/4" x 7"	
58134-ZV4-008AH	9 1/4" x 8"	
58134-ZV4-009AH	9 1/4" x 9"	
58134-ZV4-010AH	9 1/4" x 10"	
58134-ZV4-011AH	9 1/4" x 11"	
<b>High Thrust Propeller Kit</b>		
06581-ZW9-A40ZA	10" x 6 1/4"	BF8D / BF10D
06581-ZY0-S00ZB	10" x 7 5/8"	BF15D / BF20D



### BF25D / BF30D (BF20A 3 cyl) (4 Blade)

Part Number	Specification (D & P)	Comments
58134-ZV7-011AH	10 1/4" x 11"	Propellers also suitable for BF20A (3 cyl) - Not BF20D
58134-ZV7-012AH	10 1/8" x 12"	
58134-ZV7-013AH	10" x 13"	
58134-ZV7-014AH	10" x 14"	
58134-ZV7-015AH	10" x 15"	



### BF40D / BF50D / BF60 (BF40A / BF50A) (4 Blade)

Part Number	Specification (D & P)	Comments
58134-ZV5-009AH	11 7/8" x 9"	BF40D / BF50D / BF60A BF40A / BF50A
58134-ZV5-010AH	11 3/8" x 10"	
58134-ZV5-011AH	11 1/8" x 11"	
58134-ZV5-012AH	10 7/8" x 12"	
58134-ZV5-013AH	10 1/2" x 13"	
58134-ZV5-014AH	10 1/2" x 14"	



### BFP60A / BF75D / BF80A / BF90D / BF100A (4 Blade)

Part Number	Specification (D & P)	Comments
58134-ZW1-013AH	13 1/4" x 13"	BFP60A / BF75D / BF90D
58134-ZW1-015AH	13" x 15"	
58134-ZW1-017AH	12 3/4" x 17"	
58134-ZW1-019AH	12 1/2" x 19"	
58134-ZW1-021AH	12 1/2" x 21"	



Suitable for use on: BF75A / BF90A / BF115A / BF130A





## Aluminium Propellers: 4 Blade

■ BF115D / BF135A / BF150A / BF175A / BF200A / BF225A (4 Blade)

Part Number	Specification (D & P)	Comments
58134-ZY3-015A	14 3/4" x 15"	
58134-ZY3-015B	14 3/4" x 15"	Counter Rotating type
58134-ZY3-017A	14 1/2" x 17"	
58134-ZY3-017B	14 1/2" x 17"	Counter Rotating type
58134-ZY3-019A	14 1/4" x 19"	
58134-ZY3-019B	14 1/4" x 19"	Counter Rotating type
58134-ZY3-021A	14" x 21"	
58134-ZY3-021B	14" x 21"	Counter Rotating type



## Stainless Steel Propellers: 4 Blade

■ BF115D / BF135A / BF150A / BF175A / BF200A / BF225A / BF250A (4 Blade)

**Description** This 4 Blade High Rake range, offers excellent cruising performance and maneuvering capability making it ideal for offshore applications.

- Very Powerful Thrust
- Smooth Operation
- Provides additional transom lift

Part Number	Specification (D & P)	Comments
58134-ZY3-A15HR	14 1/2" x 15"	
58134-ZY3-B15HR	14 1/2" x 15"	Counter Rotating type
58134-ZY3-A17HR	14 1/4" x 17"	
58134-ZY3-B17HR	14 1/4" x 17"	Counter Rotating type
58134-ZY3-A18HR	14 1/8" x 18"	
58134-ZY3-B18HR	14 1/8" x 18"	Counter Rotating type
58134-ZY3-A19HR	14 1/8" x 19"	
58134-ZY3-B19HR	14 1/8" x 19"	Counter Rotating type
58134-ZY3-A20HR	14" x 20"	
58134-ZY3-B20HR	14" x 20"	Counter Rotating type
58134-ZY3-A21HR	14" x 21"	
58134-ZY3-B21HR	14" x 21"	Counter Rotating type
58134-ZY3-A23HR	14" x 23"	
58134-ZY3-B23HR	14" x 23"	Counter Rotating type
58134-ZY3-A25HR	14" x 25"	
58134-ZY3-B25HR	14" x 25"	Counter Rotating type



■ New inner hubs for our S/S propellers

Part Number	Comments
08135-ZW2-003HE	for all +++ZW2/ZV7+++ SS propellers
08135-ZV5-003HE	for all +++ZV5+++ SS propellers
08135-ZW1-003HE	for all +++ZW1+++ SS propellers
08135-ZY3-003HE	for all +++ZY3+++ SS propellers



# Fuel systems

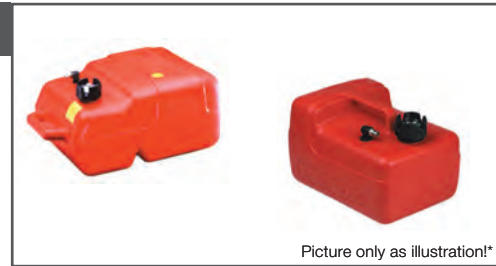




## Fuel Tanks & Fuel Lines

### Fuel Tanks

**Application:** BF5A ~ BF250A



Picture only as illustration!\*

Part Number	Specifications	Comments
17500-ZV4-G01	Plastic Fuel Tank - 12 litre capacity - fuel gauge integrated in fuel cap	BF5A ~ BF250A
17500-ZV5-G01	Plastic Fuel Tank - 25 litre capacity - fuel gauge integrated in fuel cap	BF5A ~ BF250A

### Fuel Line

**Application:** BF5A ~ BF250A



Picture only as illustration!\*

Part Number	Specification (D & P)	Comments
17700-881-C03ZA	Fuel Line - inc fittings & Priming Bulb	BF5A ~ BF8A
17700-ZW9-030		BF5DH ~ BF6AH ~ BF8D ~ BF90
04101-ZW9-010		BF9.9A ~ BF130A
17700-ZY3-010		BF60A ~ BF225A - inboard fuel tank fittings
17700-ZY9-000		BF60A ~ BF225A - Portable fuel tank fittings
17700-ZX2-010		BF250A

### Bulk Fuel Line

**Application:** BF2 ~ BF250A



Diameter	Length (Meters)		
	1 Meter	3 Meter	8 Meter
3,5 MM	95001-3500160M	95001-3500360M	/
4,5 MM	95001-4500160M	95001-4500360M	95001-4500860M
5,5 MM	95001-5500160M	95001-5500360M	95001-5500860M
7,5 MM	95001-7500160M	95001-7500360M	95001-7500860M



# Fuel filter / Water Separators

## Complete Filter Assemblies

**Application:** BF4A ~ BF250A

Part Number	Specifications
06177-ZX2-000HE	Flow capacity up to 340 litres / hour, 10 micron filtration



## Replacement Filter Cartridges

**Application:** BF5A ~ BF250A

Part Number	Specifications
17670-ZW3-801AH	Flow capacity up to 94 litres / hour (06176-ZW3-801AH)
17670-ZW1-030GH	Flow capacity up to 113 litres / hour (06178-ZW1-030GH)
17670 ZW1-801AH	Flow capacity up to 227 litres / hour (06177-ZW1-801AH)
17670-ZY3-003HE	Flow capacity of 150 litres / hour (06177-ZY3-003HE)
17670-ZX2-000HE	Flow capacity up to 340 litres / hour (06177-ZX2-000HE)



## Fuel Line Fittings (Hosetail)

**Application:** BF5A ~ BF250A

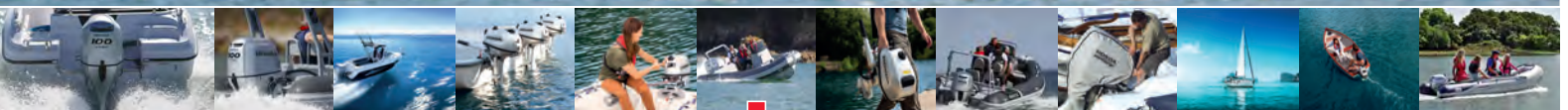
**Description:** For use with following filter assembly  
06177-ZX2-000HE



Part Number	Specifications	Comments
19271-ZZ3-000HE	Straight Connector	Brass fitting 1/4 NPT -3/8 - 10mm Ø fuel line
19271-ZZ3-505HE	Elbow Connector	Brass fitting 1/4 NPT -3/8 - 10mm Ø fuel line



# Cables

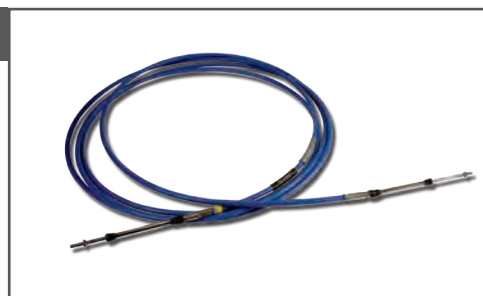


# Cables



## Hi-Lex Premium Remote Control Cables

- Description**
- This super flexible and highly efficient remote control cable is the thinnest marine control cable with double layered structure.



Application	Feet	Part Number	Comments
BF5 ~ BF250A	6	24906-ZY3-003HE	1.8 M
	7	24907-ZY3-003HE	2.1 M
	8	24908-ZY3-003HE	2.4 M
	9	24909-ZY3-003HE	2,7 M
	10	24910-ZY3-003HE	3.05 M
	11	24911-ZY3-003HE	3.35 M
	12	24912-ZY3-003HE	3.66 M
	13	24913-ZY3-003HE	3.96 M
	14	24914-ZY3-003HE	4.27 M
	15	24915-ZY3-003HE	4.57 M
	16	24916-ZY3-003HE	4.88 M
	17	24917-ZY3-003HE	5.18 M
	18	24918-ZY3-003HE	5.49 M
	19	24919-ZY3-003HE	5.79 M
	20	24920-ZY3-003HE	6.10 M
	22	24922-ZY3-003HE	6.70 M
	24	24924-ZY3-003HE	7.32 M
	26	24926-ZY3-003HE	7.92 M
	28	24928-ZY3-003HE	8.53 M
	30	24930-ZY3-003HE	9.14 M
32	24932-ZY3-003HE	9.75 M	
34	24934-ZY3-003HE	10.36 M	
35	24935-ZY3-003HE	10.67 M	

Multipack available as from 1.80 meters up to 6.70 meters.  
(24906-ZY3-003MP - 24922-ZY3-003MP)

- Features:**
- Featuring flexibility and high efficiency.
  - Thinnest and double layered structured cable affords you easy routing and high efficient performance.
- Specifications:**
- Braided wire core with splined nylon coating.
  - Brand name: Hi-Lex control cable
  - Type: clamp "3300 to 33C"
- Performance data:**
- |                  |      |      |
|------------------|------|------|
| Load efficiency: | push | pull |
| <b>70N</b>       | 79.9 | 80.7 |
| <b>160N</b>      | 81.3 | 84.2 |
- Motion loss: 3.6 mm
  - Non Friction load: push 2.0





## Honda Pro-X Cables

- Description**
- “The ultimate in high performance control cable technology” With a proven track record of high performance in even the most challenging applications. Pro-X cables continue to exceed user expectations wherever they are used.

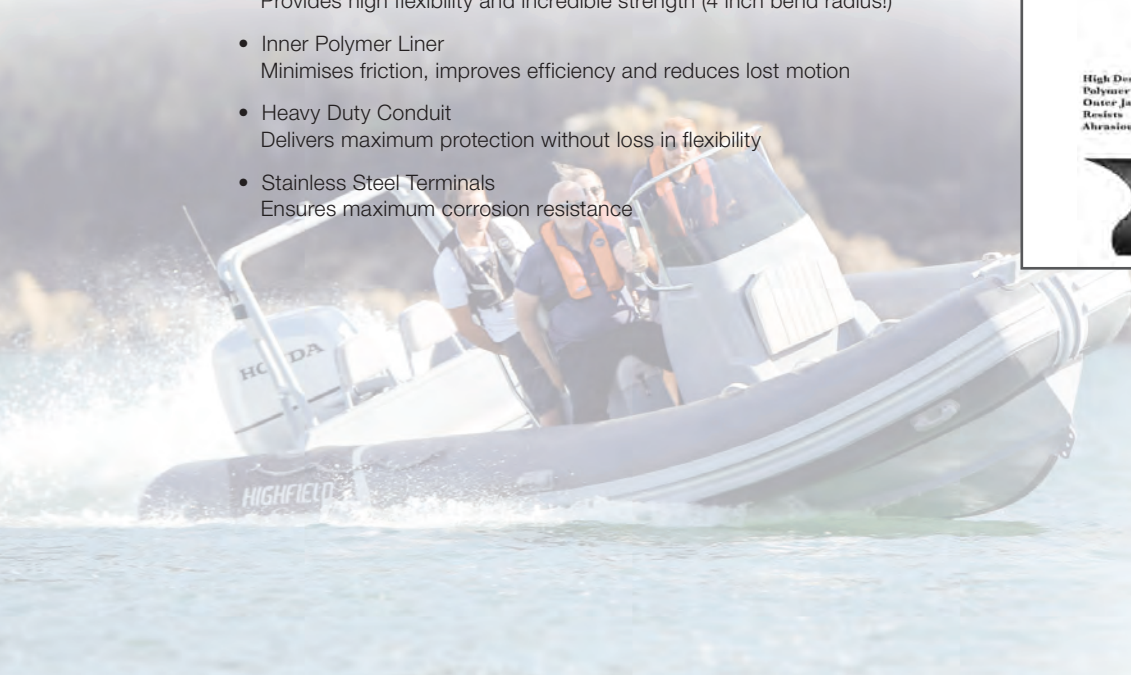
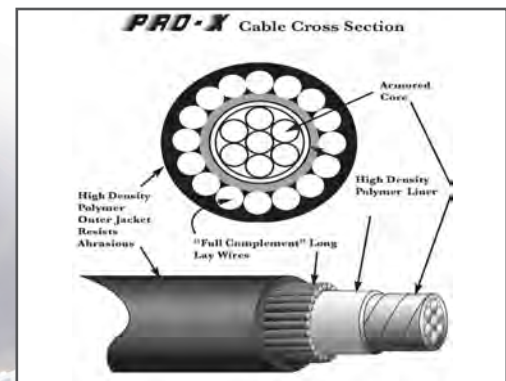


Application	Feet	Part Number	Comments
BF5 - BF250A	6	24906-ZY3-710HE	1.8 M
	7	24907-ZY3-710HE	2.1 M
	8	24908-ZY3-710HE	2.4 M
	9	24909-ZY3-710HE	2,7 M
	10	24910-ZY3-710HE	3.05 M
	11	24911-ZY3-710HE	3.35 M
	12	24912-ZY3-710HE	3.66 M
	13	24913-ZY3-710HE	3.96 M
	14	24914-ZY3-710HE	4.27 M
	15	24915-ZY3-710HE	4.57 M
	16	24916-ZY3-710HE	4.88 M
	17	24917-ZY3-710HE	5.18 M
	18	24918-ZY3-710HE	5.49 M
	19	24919-ZY3-710HE	5.79 M
	20	24920-ZY3-710HE	6.10 M
	22	24922-ZY3-710HE	6.70 M
	24	24924-ZY3-710HE	7.32 M
	26	24926-ZY3-710HE	7.92 M
	28	24928-ZY3-710HE	8.53 M
	30	24930-ZY3-710HE	9.14 M
32	24932-ZY3-710HE	9.75 M	
34	24934-ZY3-710HE	10,36 M	
36	24936-ZY3-710HE	10.97 M	
38	24938-ZY3-710HE	11.58 M	
40	24940-ZY3-710HE	12.19 M	

Multipack available as from 1.80 meters up to 5.49 meters.  
(24906-ZY3-710MP - 24918-ZY3-710MP)

### Honda Pro-X Cables Key Features include:

- Braided Stainless Steel with Armoured Core  
Provides high flexibility and incredible strength (4 inch bend radius!)
- Inner Polymer Liner  
Minimises friction, improves efficiency and reduces lost motion
- Heavy Duty Conduit  
Delivers maximum protection without loss in flexibility
- Stainless Steel Terminals  
Ensures maximum corrosion resistance





# Electricals





## Switch panel PGM-FI (4 light alert)

- Description**
- Key start /Emergency stop switch
  - 4 light alert panel → oil pressure/overheat/PGM-FI/ACG
  - Warning buzzer
  - Panel fittings
  - No main wire harness included

Note:

Switch panel is available as 1 piece or 2 piece construction  
 Seperate light panel on 2 piece construction



Application	Part Number	Comment
BF40D/BF50D, BF40E, BF60A/BFP60A BF75DKO - BBAJ - 1004819 ~ BF90DKO - BBCJ 1014203 ~ BF80A/BF100A BF115D - BBHJ 1000001 ~ BF135A - BARJ - 1003841 ~ BF135 (CR Type) BASJ 1000314 ~ BF150A - BANJ - 1010488 ~ BF150A (CR Type) BAPJ - 1001415 ~ BF175/BF200/Bf225 AK1 / AK2 / AK3 BF250A	06323-ZZ5-783	1 piece construction
	06323-ZZ5-793	2 piece construction

## Trolling Control Switch Kit

- Description**
- Permits precise control of engine speed in increments of 50rpm from idle speed.No of increments will be model dependant.
  - Ideal for use on leisure fishing boats.

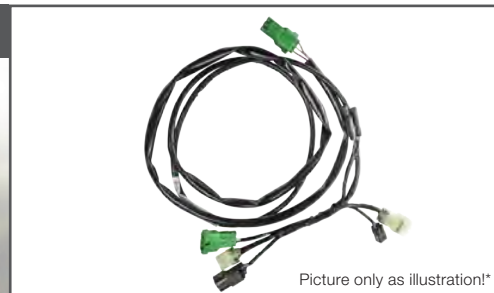
Application	Part Number
BF40D - BBDJ 1101831, BF50D - BBEJ 1103757 BF60A, BFP60A , BF80A, BF100A, BF115D, BF135A, BARJ1003841 ~ BASJ1000314, BF150A, BANJ1010488 ~ BAPJ1001415	35345-ZZ3-741



## Trolling Control - Top Mount / Flush Mount Installations

- Description**
- The following harness must also be used in addition to Trolling control switch kit 35345-ZZ3-741

Part Number
32186-ZZ3-000



## Tilt Limit Switch kit

- Description**
- Limits Tilt angle from the Remote control box & reduces risk of impact with the boat and engine hood
  - Full tilt angle is still obtainable by use of the engine PTT switch

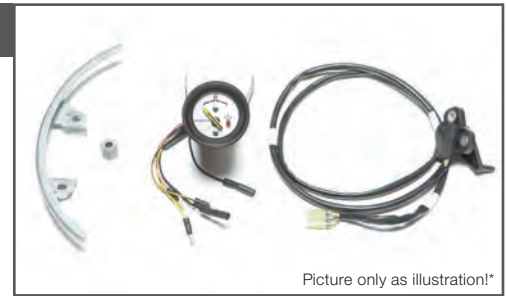
Application	Part Number
BF40E / BF60 / BFP60 A-AK1	06357-ZZ3-000





## Rudder meter kit

- Description**
- Rudder meter allows the operating angle of the motor to be determined easily without looking behind or if the motor is obstructed from view.
  - Recommended for use with Deluxe gauge Pre Rigging kits



Picture only as illustration!\*

Application	Part Number	Comments
BF40E, BF60A, BFP60A	06373-ZZ3-000	White
BF40E, BF60A, BFP60A	06373-ZZ3-610	Black

## Main wire harness (PGM-FI cord-integrated type)

- Description**
- Main wire harness

Application	Metres	Part Number
BF40D ~ BF250A	5	32205-ZY6-016AH
	6.1	32205-ZY6-020AH
	7.6	32205-ZY6-025AH
	9,1	32205-ZY6-030AH
	15,2	32205-ZY6-050AH

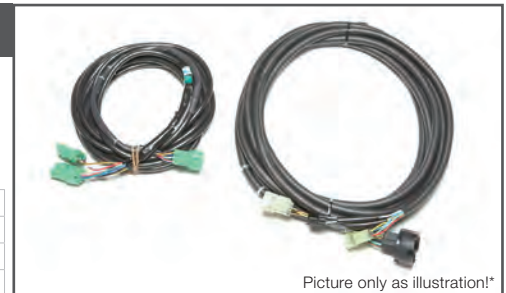


Picture only as illustration!\*

## Main wire harness kit (separate PGM-FI cord)

- Content**
- Main wire harness
  - 2 light panel indicator cord (PGM-FI)

Application	Metres	Part Number
BF40D ~ BF250A	6.1	06325-ZZ5-600
	7.6	06325-ZZ5-700
	9	06325-ZZ5-800

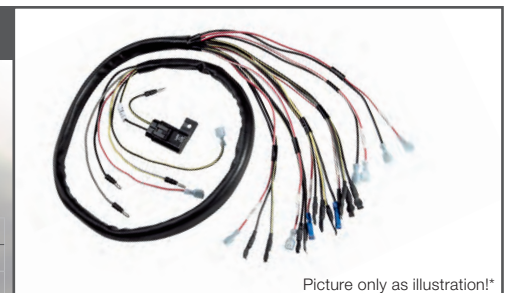


Picture only as illustration!\*

## Instrument harness

- Description**
- For fog resistant gauges
  - Connects 5 gauge set
  - Optional water pressure gauge connection

Application	Metres	Part Number
BF40D ~ BF250A	1,37	32200-ZW7-000AH
	2,1	32200-ZW7-210EU



Picture only as illustration!\*

## Main wire harness (PGM-FI cord required)

- Content**
- Main wire harness

Application	Metres	Part Number
BF25 ~ BF250A	5.0	32580-ZW2-D01
	6.1	32580-ZZ5-600
	7.6	32580-ZZ5-700
	9.1	32580-ZZ5-800



Picture only as illustration!\*

# Electricals



## Wire harness extensions

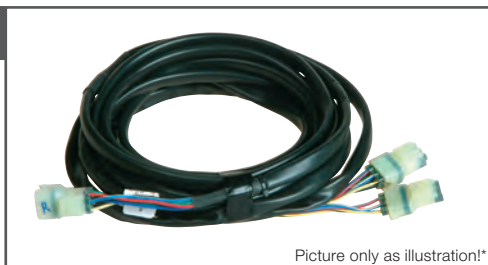
**Description** • 2.1M long



Picture only as illustration!\*

Application	Part Number	Comments
BF15D ~ BF20D	32570-ZY1-900	4 plugs, extension of the main 10 wire, attaches at engine end
BF40D ~ BF250A	32570-ZY3-900	6 plugs, extension of the main 14 wire, attaches at remote control end
BF40D ~ BF250A	32570-ZW5-U20	8 plugs, extension of the main 18 wire, attaches at remote control end
BF8D / BF10D	32570-ZW9-900	4 plugs, extension of 8 wire conductor harness, attaches at engine end

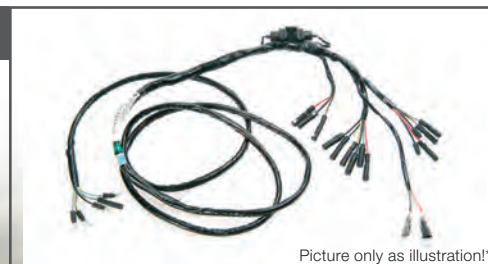
## 2 light Panel - Indicator harness (PGM-FI)



Picture only as illustration!\*

Application	Metres	Part Number	Comments
BF40D ~ BF250A	6.1	32185-ZY6-020AH	Engine end has a 6 pin connector
	7.6	32185-ZY6-025AH	Helm end has both 6 & 3 pin connectors
	1.25	32185-ZY6-004AH	Used to extend the above harness

## Wire harness



Picture only as illustration!\*

Application	Length (M)	Part Number	Comments
BF8 ~ BF250A	2.1	32540-ZV5-911	Harness A: connecting tachometer, trim meter, light switch and harness B
	2.1	32550-ZV5-910	Harness B: connects to Harness A, includes connections for the speedometer light, voltmeter and hourmeter
	2.1	32550-ZW5-U00	Deluxe: connects to harness A, includes connections for the speedometer light, voltmeter and hourmeter Deluxe
BF25 to BF250A	2.1	32570-ZW5-U00	Connecting 3 wire PGM-FI light panel to engine
BF40 to BF250A	5.0	32185-ZY6-000	Connecting 2 wire PGM-FI light panel to engine (Designed for digital gauges)
BF115 to BF250A	5.0	32185-ZY3-000	Connecting 3 wire PGM-FI light panel to engine
BF75 to BF250A	9.15	32570-ZW5-U10	Connecting 3 wire PGM-FI light panel to engine



## Battery

- Description**
- Totally maintenance free battery
  - Cover heatsealed
  - No filler caps
  - No contamination
  - Charge indicator

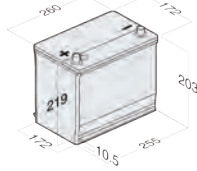


Picture only as illustration!\*

Ah	kg	Reference	BF 8D	BF 10D	BF 15D	BF 20D	BF 25D	BF 30D	BF 40D/E	BF 50D	BF 60D	BFP 60D
45	12.4	31500-ST3-111HE	■	■	■	■						
45	12.4	31500-ST3-011HE	■	■	■	■						
65	16.4	31500-SV2-011HE	■	■	■	■	■	■	■	■	■	■
70	17.7	31500-SP0-031HE	■	■	■	■	■	■	■	■	■	■
70	17.7	31500-SP0-041HE	■	■	■	■	■	■	■	■	■	■

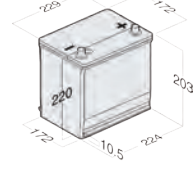
### CATALOG REF 31500-SP0-041HE

Ah	70
RES CAP MIN	125
<b>CCA EN - 18° C</b>	<b>600</b>
CCA BCI - 18° C	500
CCA IEC - 18° C	275
CCA DIN - 18° C	250
LOAD TEST AMPS	250
WEIGHT KG	17.65



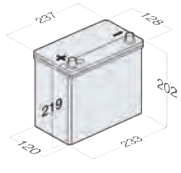
### CATALOG REF 31500-SV2-011HE

Ah	65
RES CAP MIN	110
<b>CCA EN - 18° C</b>	<b>480</b>
CCA BCI - 18° C	525
CCA IEC - 18° C	280
CCA DIN - 18° C	250
LOAD TEST AMPS	260
WEIGHT KG	16.40



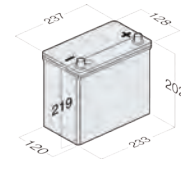
### CATALOG REF 31500-ST3-011HE

Ah	45
RES CAP MIN	75
<b>CCA EN - 18° C</b>	<b>420</b>
CCA BCI - 18° C	450
CCA IEC - 18° C	250
CCA DIN - 18° C	210
LOAD TEST AMPS	220
WEIGHT KG	12.40



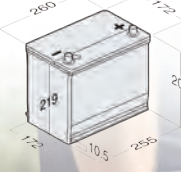
### CATALOG REF 31500-ST3-111HE

Ah	45
RES CAP MIN	75
<b>CCA EN - 18° C</b>	<b>420</b>
CCA BCI - 18° C	450
CCA IEC - 18° C	250
CCA DIN - 18° C	210
LOAD TEST AMPS	220
WEIGHT KG	12.40



### CATALOG REF 31500-SP0-031HE

Ah	70
RES CAP MIN	125
<b>CCA EN - 18° C</b>	<b>600</b>
CCA BCI - 18° C	500
CCA IEC - 18° C	275
CCA DIN - 18° C	250
LOAD TEST AMPS	250
WEIGHT KG	17.65



## Honda OptiMate



Picture only as illustration!\*

Description	Part Number	Comments
HONDA OptiMate 5 battery optimiser (NOT FOR UK)	08M51-EWA-800E	Automatic charger, maintainer and tester for 12V lead/acid batteries for from 7,5 to 120Ah. includes crocodile clamps harness & a permanent connection harness.
HONDA OptiMate 5 battery optimiser (ONLY FOR UK)	08M51-EWA-800U	Automatic charger, maintainer and tester for 12V lead/acid batteries for from 7,5 to 120Ah. includes crocodile clamps harness & a permanent connection harness. <b>Fitted with a 3-pin UK plug.</b>

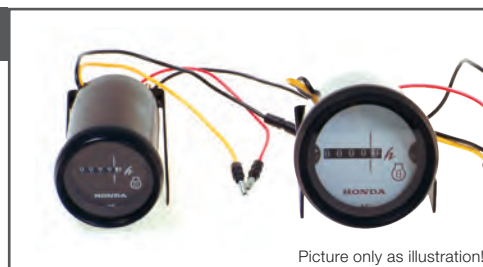


# Gauges



## Hourmeter

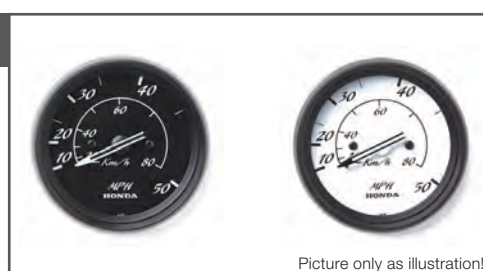
- Description**
- 0-9999 hours
  - Flat lens
  - Drilling diameter 53MM
  - Required parts:  
Wiring Harness A: 32540-ZV5-911  
Wiring Harness B: 32550-ZW5-U00



Application	Part Number	Comments
BF25D ~ BF250A	06397-ZW5-U10	Black face, analogue display, req. part 32550-ZW5-U00
	06397-ZW5-U00	White face, analogue display, req. part 32550-ZW5-U00
BF20A ~ BF250A (Not with BF25 ~ BF50A4)	39700-ZV5-800AH	Black face, digital display, req. part 32550-ZV5-910

## Speedometer

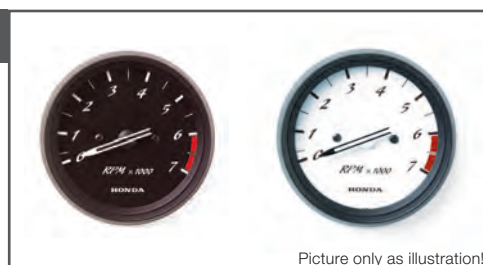
- Description**
- Flat lens
  - Drilling diameter 86MM
  - Required parts:  
Wiring Harness A: 32540-ZV5-911  
Wiring Harness B: 32550-ZW5-U00  
Wiring Harness 32550-ZV5-910



Application	Part Number	Comments
BF25D ~ BF250A	06373-ZW5-U11	Black face, 10-50 mph/20-80 km/h, req. part 32550-ZW5-U00
	06373-ZW5-U01	White face 10-50 mph/20-80 km/h, req. part 32550-ZW5-U00
BF40 ~ BF250A	06372-ZV5-950AH	Black face, 5-35 mph/10-55 km/h, req. part 32550-ZV5-910

## Tachometer

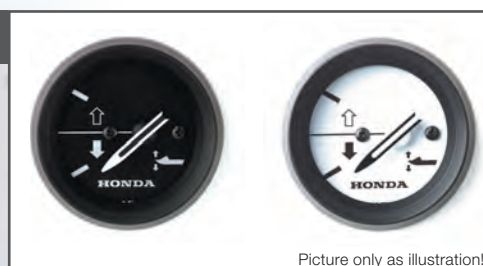
- Description**
- 0-7000 rpm
  - Flat lens
  - Required parts:  
Wire harness: 32540-ZV5-911



Application	Part Number	Comments
BF25D ~ BF250A	06375-ZW5-U11	Black face, drilling diameter 81MM
	06375-ZW5-U01	White face, drilling diameter 81MM
BF40A / BF50A, BF40D / BF50D	37250-ZV5-823	
BF20 / 25/30A, BF25 / 30D	37250-ZV7-913	Black face, drilling diameter 81MM
BF60 ~ BF250A	37250-ZW9-902	
BF8D ~ BF20D	37250-ZV5-950AH	Black face, drilling diameter 86MM
BF20A ~ BF250A		

## Trimmer

- Description**
- Up & down indicator
  - Flat lens
  - Drilling diameter 53MM
  - Required part:  
Wire harness: 32540-ZV5-911



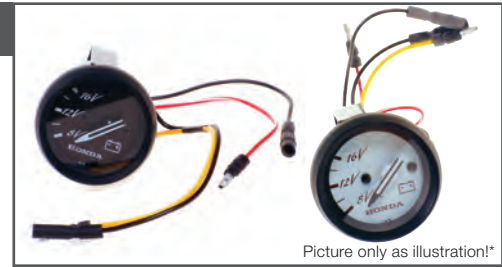
Application	Part Number	Comments
BF25D - BF250A	06372-ZW5-U11	Black face
BF25D ~ BF250A	06372-ZW5-U01	White face
BF40 ~ BF250A	37260-ZV5-822	Black face

# Gauges



## Voltmeter

- Description**
- 8-16 volts indicator
  - Flat lens
  - Drilling diameter 53MM
  - Required part:  
Wire harness: 32540-ZV5-911, 32550-ZW5-U00



Application	Part Number	Comments
BF25D ~ BF250A	06374-ZW5-U10	Black face
	06374-ZW5-U00	White face

## Dual assy meter with Tacho/Hour meter function

- Description**
- A five digit LCD display reads up to 99999 rpm in 20 rpm increments
  - Displays up to 9999.9 hours of engine operation before resetting to zero
  - Maximum 16000 RPM



Application	Part Number
BF2 ~ BF20	08174-ZL8-013HE

## Instrument set

- Description**
- Fog Resistant
  - Includes 5\* gauges: 0-7000rpm / digital hour meter, 10-65 mph / 20-100 km/h speedometer, 8-18 voltmeter, 240-33 ohms (or 10-180 ohms EU sender) fuel gauge, trim meter, drilling diameter 86MM (rpm & speed) and 53MM (volt, fuel, trim), domed lens
  - Required part:  
Wire harness: 32200-ZW7-000AH



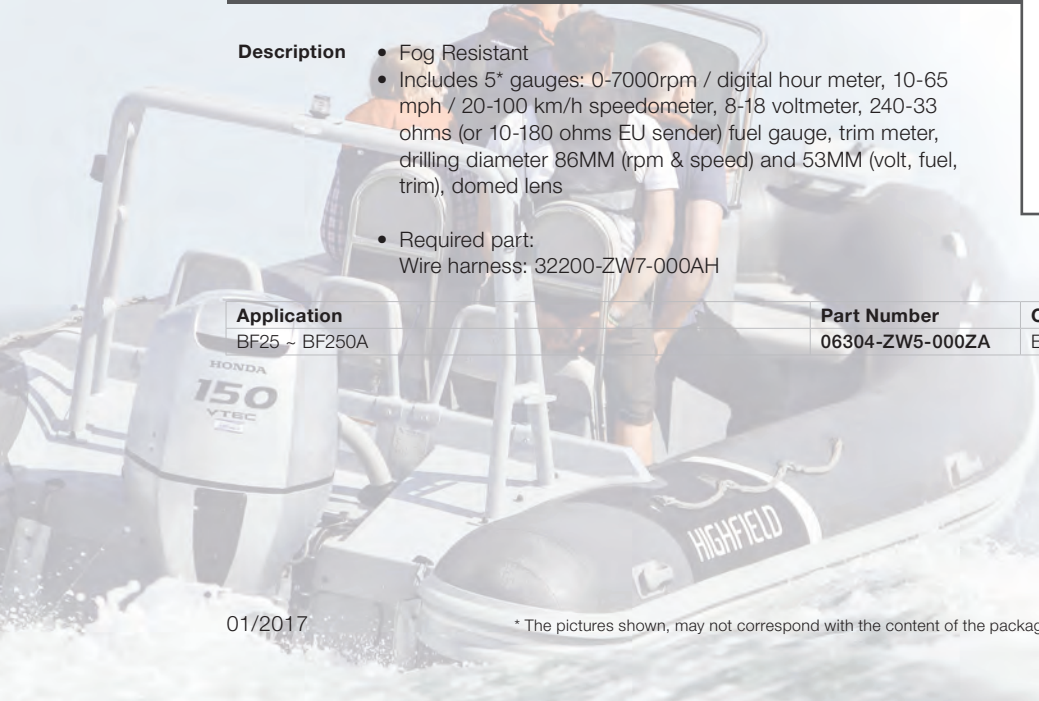
Application	Part Number	Comments
BF25 ~ BF250A	06304-ZW5-000ZB	EU Instrument set, white face, black letters

## Instrument set

- Description**
- Fog Resistant
  - Includes 5\* gauges: 0-7000rpm / digital hour meter, 10-65 mph / 20-100 km/h speedometer, 8-18 voltmeter, 240-33 ohms (or 10-180 ohms EU sender) fuel gauge, trim meter, drilling diameter 86MM (rpm & speed) and 53MM (volt, fuel, trim), domed lens
  - Required part:  
Wire harness: 32200-ZW7-000AH



Application	Part Number	Comments
BF25 ~ BF250A	06304-ZW5-000ZA	EU Instrument set, black face, white letters





# Gauges



## Instrument set

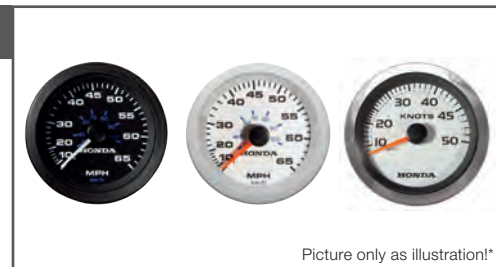
- Description**
- Fog Resistant
  - Includes 4 gauges: 0-7000rpm / digital hour meter, 10-65 mph / 20-100 km/h speedometer, 240-33 ohms (or 10-180 ohms EU sender) fuel gauge, trim meter, drilling diameter 86MM (rpm & speed) and 53MM (volt, fuel, trim), domed lens
  - Required part:  
Wire harness: 32200-ZW7-000AH



Application	Part Number	Comments
BF25 ~ BF250A	06300-ZW5-003SK	US Instrument set, Charcoal grey face - no voltmeter
	06320 ZW5 003SK	EU Instrument set, Charcoal grey face - no voltmeter

## Speedometer

- Description**
- Fog Resistant
  - 10-65mph / 20-100 km/h\*
  - Domed lens
  - Drilling diameter 86MM
  - Required part:  
Wire harness: 32200-ZW7-000AH



Application	Part Number	Comments
BF25 ~ BF250A	37203-ZW5-000ZB	White face, black letters, 0 ~ 65Kts
	37203-ZW5-000ZA	Black face, white letters, 0 ~ 65kts
	37200-ZW5-003SK	Charcoal grey, 0 ~ 50kts

## Tacho / hourmeter

- Description**
- Fog Resistant
  - 0-7000 rpm & digital hour meter
  - Domed lens
  - Drilling diameter 86MM
  - Required part:  
Wire harness: 32200-ZW7-000AH



Application	Part Number	Comments
BF25 ~ BF250A	37253-ZW5-000ZB	White face, black letters
	37253-ZW5-000ZA	Black face, white letters
	37250-ZW5-003SK	Charcoal grey

## Trim meter

- Description**
- Fog Resistant
  - Up & down indicator
  - Domed lens
  - Drilling diameter 53MM
  - Required part:  
Wire harness: 32200-ZW7-000AH



Application	Part Number	Comments
BF25 ~ BF250A	37263-ZW5-000ZB	White face, black letters
	37263-ZW5-000ZA	Black face, white letters
	37260-ZW5-003SK	Charcoal grey

# Gauges



## Voltmeter

- Description**
- Fog Resistant
  - 8-18 volts indicator
  - Domed lens
  - Drilling diameter 53MM
  - Required part:  
Wire harness: 32200-ZW7-000AH



Picture only as illustration!\*

Application	Part Number	Comments
BF25 ~ BF250A	37453-ZW5-000ZB	White face, black letters
	37453-ZW5-000ZA	Black face, white letters
	37450-ZW5-003SK	Charcoal grey

## Fuel Meter (EU type - 10 ohms ~ 180 ohms)

- Description**
- Fog Resistant
  - For inbuilt fuel tanks
  - Drilling diameter 53MM



Picture only as illustration!\*

Application	Part Number	Comments
BF25 ~ BF250A	37304-ZW5-000ZB	EU, white face, Ohms 10Ω (empty) to 180Ω (full) scale
	37304-ZW5-000ZA	EU, black face, Ohms 10Ω (empty) to 180Ω (full) scale
	37320-ZW5-003SK	EU Charcoal grey face, Ohms 10Ω (empty) to 180Ω (full) scale

## Fuel Meter (USA type - 240 ohms ~ 33 ohms)

- Description**
- Fog Resistant
  - For inbuilt fuel tanks
  - Drilling diameter 53MM

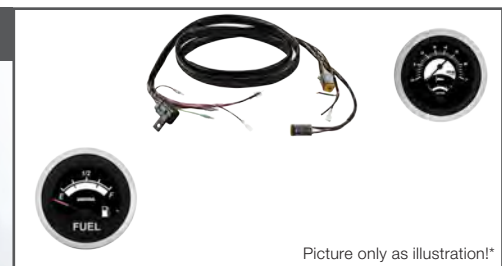


Picture only as illustration!\*

Application	Part Number	Comments
BF25 ~ BF250A	37303-ZW5-000ZB	US, white face, Ohms 240Ω (empty) to 33Ω (full) scale
	37303-ZW5-000ZA	US, black face, Ohms 240Ω (empty) to 33Ω (full) scale
	37300-ZW5-003SK	US, charcoal grey face, Ohms 240Ω (empty) to 33Ω (full) scale

## Prestige Gauges

- Description**
- Tachometer and Trim function in one 3" dial - no need to mount separate gauges saving space on dash
  - Black and silver styling - compliments latest styling of Honda engine covers
  - Deutsch plug in connections - makes for easy installation/ service etc
  - Harness supplied with Prestige Tacho/Trim gauge provides an additional connector for easy addition of fuel gauge whenever required



Picture only as illustration!\*

Application	Part Number	Comments
BF25 ~ BF250A	06380-ZX2-U00HE	Black face tacho trim harness
	06303-ZX2-U00HE	Black face US fuel meter Ohms 240Ω ~ 33Ω
	06304-ZX2-U00HE	Black face EU fuel meter Ohms 10Ω ~ 180Ω

# Protection



# Protection



## Transportation bag

- Description** Engine Head Cover bag
- Large Carrying Straps.
  - Anti UV protection.
  - Waterproof material.
  - Silver with Black logo

Application	Part Number
BF2 & BF2.3	06893-ZW6-U01



## Propeller cover

- Description** • Gear case and propeller protection cover

Application	Part Number
BF2 & BF2.3	06883-ZW6-U01



## Remote control cover

- Description** • Remote control cover single and dual, top mount

Application	Part Number
06240-ZW5-U40 R/H, 06240-ZW5-U50 L/H (single)	06881-ZW5-U01
06240-ZW5-U60 R/H, 06240-ZW5-U70 L/H (twin)	06881-ZW5-U11



## Outboard cover

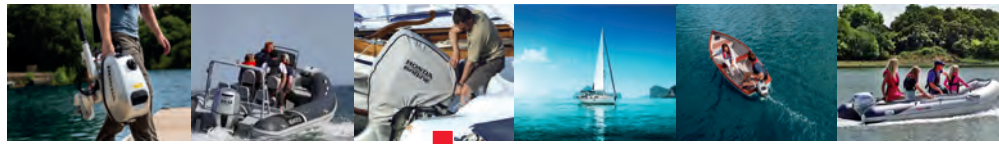
- Description**
- Protects from UV rays, fading, sun damage
  - Protects from road grime and rock chips when towing
  - Keeps dust out of intakes, protects the internal workings
  - Weather resistant, great for winter storage

Application	Part Number
BF2 - BF2.3	06311-ZW6-000ZB
BF4AH - BF4.5 - BF5DH - BF6AH	06311-ZV1-000ZB
BF8 - BF10	06311-ZW9-000ZB
BF15 - BF20	06311-ZV6-000ZB
BF25 - BF30	06311-ZV4-000ZB
BF40 - BF50	06311-ZV3-000ZB
BF60A - BFP60A	06311-ZZ3-000ZB
BF75DK0 - BF90DK0 - BF80 - BF100	06311-ZY9-000ZB
BF115A - BF130A	06311-ZW5-000ZB
BF115D - BF135A BF150A	06311-ZY6-000ZB
BF175 - BF225	06311-ZY3-000ZB
BF250	06311-ZX2-000ZB



Picture only as illustration!\*

# Protection



## ■ Outboard locks

Application	Part Number
BF4.5 ~ BF30	06248-ZW6-000HE
BF35 ~ BF250A	06248-ZW5-000HE



# Miscellaneous

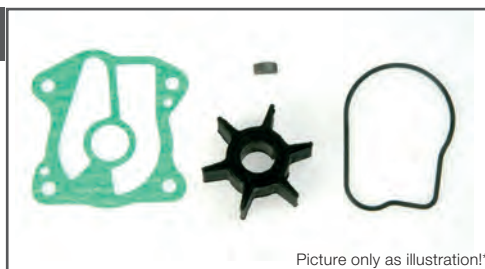


# Miscellaneous



## Impeller service kits

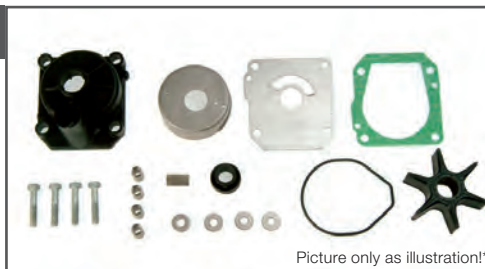
**Description:** For general or annual servicing / repair



Picture only as illustration!\*

## Water pump rebuild kit

**Description:** For rebuild and repair.



Picture only as illustration!\*

## Impeller & pump kits

**Application:** BF5A

Part Number	Specification	Comments
06192-ZV1-C00	Impeller service Kit	Also suitable for use with BF4.5
06193-ZV1-000	Water Pump Rebuild Kit	Also suitable for use with BF4.5



## Impeller & pump kits

**Application:** BF4AH / BF5DH / BF6AH

Part Number	Specification	Comments
06193-ZVD-000	Water Pump Rebuild Kit	



## Impeller & pump kits

**Application:** BF8D / BF10D / BF15D / BF20D

Part Number	Specification	Comments
06192-ZW9-000	Impeller service Kit	
06193-ZW9-020	Water Pump Rebuild Kit	
06192-ZW9-A30	Impeller service Kit	Extra Long Shaft (X Type)
06193-ZW9-A32	Water Pump Rebuild Kit	Extra Long Shaft (X Type)



## Impeller & pump kits

**Application:** BF25D / BF30D / BF20A 3 Cyl

Part Number	Specification	Comments
06192-ZV7-000	Impeller service Kit	
06193-ZV7-020	Water Pump Rebuild Kit	





## Impeller & pump kits

**Application:** BF40D/BF50D - BF60A/BF40E - BF40A/BF50A

Part Number	Specification	Comments
06192-ZV5-003	Impeller service Kit	BF40A/BF50A - BF40D/BF50D
06193-ZV5-020	Water Pump Rebuild Kit	BF40A/50A , BF40D/50D
06193-ZZ3-010	Water Pump Rebuild Kit	BF40E/BF60A



## Impeller & pump kits

**Application:** BF6A / BF8A / BF 9.9A / BF15A

Part Number	Specification
06192-ZV4-000	Impeller service Kit
06193-ZV4-000	Water Pump Rebuild Kit



## Impeller & pump kits

**Application:** BFP60A / BF75A / BF80A / BF90A /BF75D / BF90D / BF100A / BF115A / BF130A

Part Number	Specification	Comments
06192-ZW1-000	Impeller service Kit	BF75A / BF90A - Serial No:1200002~
06193-ZW1-B03	Water Pump Rebuild Kit	BF75A / BF90A - Serial No:1200002~
06194-ZZ3-000	Water Pump Rebuild Kit	BFP60A
06193-ZZ0-000	Water Pump Rebuild Kit	BF75D / BF90D
06193-ZW5-030	Water Pump Rebuild Kit	BF115A / BF130A
06192-ZW1-305	Impeller service Kit	BF75AT - Serial No: BBAL 1000001 ~ BBAL 2999999 BF90AT - Serial No: BBBL 1000001 ~ BBBL 2999999
06193-ZW1-305	Water Pump Rebuild Kit	BF75AT - Serial No: BBAL 1000001 ~ BBAL 2999999 BF90AT - Serial No: BBBL 1000001 ~ BBBL 2999999
06193-ZY9-H00	Impeller service Kit	BF80 / 100A



## Impeller & pump kits

**Application:** BF115D / BF135A / BF150A / BF175A / BF200A / BF225A / BF250A

Part Number	Specification	Comments
06192-ZY9-H00	Water pump rebuild Kit	
06192-ZY6-000	Impeller service Kit	BF115D/ BF135A / BF150A
06193-ZY6-000	Water Pump Rebuild Kit	
06192-ZY3-000	Impeller service Kit	BF175A / BF200A / BF225A
06193-ZY3-000	Water Pump Rebuild Kit	
06192-ZX2-C00	Impeller service Kit	BF250A
06193-ZX2-C00	Water Pump Rebuild Kit	







## ■ First maintenance service kit

**Application:** BF2.3D ~ BF225A BF80/100A

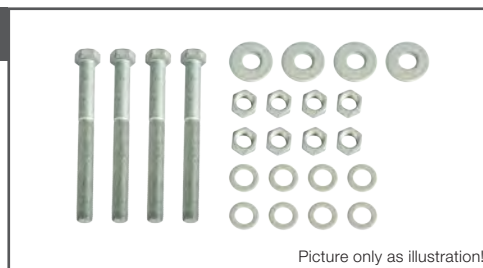
Part Number	Specification	Comments
06211-ZW6-505	BF2.3	Kits contain most parts to undertake first major service Example kit (BF75A / BF90A) contains: • Pump kit impeller • Oil filter • Fuel strainer • Gasket thermo • Pin split 4 • Spark plugs
06211-ZV1-505	BF5A	
06211-ZV1-606	BF5AK2	
06211-ZV8-505	BF6A	
06211-ZVD-505	BF4AH / BF5DH / BF6AH	
06211-ZW9-505	BF8D / BF10D	
06211-ZV6-505	BF9.9A	
06211-ZV4-505	BF15A	
06211-ZY0-505	BF15D / BF20D	
06211-ZV7-505	BF25D / BF30D	
06211-ZV5-505	BF35A / BF40A / BF45A / BF50A	
06211-ZZ5-505	BF40D / BF50D	
06211-ZZ3-505	BF40E / BF60D	
06211-ZZ0-505	BF80A / BF100A	
06211-ZW0-505	BF75A / BF90A	
06211-ZY9-505	BF75D / BF90D	
06211-ZW5-505	BF115A / BF130A	
06211-ZY6-505	BF115D/DK1	
06211-ZY5-505	BF135A / BF150A	
06211-ZY2-506	BF175A / BF200A BF225A	
06211-ZX2-505	BF250A	



## ■ Transom Bolt Kits

**Application:** BF25D ~ BF225A

Part Number	Specification (mm)/Qty	Comments
06413-ZV7-000	10 x 100 (4)	BF25D / BF30D
06413-ZZ5-000HE	12 x 100 (4)	BF40D / BF50D
06413-ZZ3-000HE	12 x 100 (4)	BF60A / BFP60A
06413-ZW1-000HE	12 x 119 (4)	BF75D / BF90D / BF80A / BF100A
06413-ZY9-000HE	12 X 130 (4)	BF115D / BF250
90129-ZZ3-010AH	12 X 160 (2)	BF75 / BF250



# Lubricants



# Lubricants



## Lubricants

**Application:** BF2~ BF250A

### 4 Stroke Engine Oil

- Mineral based Marine engine oil
- Formulated for use with Honda Motors
- High quality solvent refined base oil

### Gear Oil

- Mineral based lubricant
- Formulated for use in mechanical transmissions
- High quality solvent refined base oil

### Marine Grease

- High quality multi purpose lithium grease
- Excellent anti corrosion / oxidation additives

### Automatic Transmission Fluid

- ATF-Z1 for Trim & Tilt



Part Number	Specification	Comments
08221-999-100HE	4 Stroke engine oil - AP / SJ 10 W 30	1 x litre Bottle
08221-999-124MP	4 Stroke engine oil - AP / SJ 10 W 30	Multi pack - 24 x 1litre Bottles
08251-999-101HE	Marine gear oil - SAE 90 GL4	1 x litre Bottle
08251-999-101MP	Marine gear oil - SAE 90 GL4	Multi pack - 12 x 1litre Bottles
08739-B06-100HE	Honda Marine Grease (Lithium Nr 2)	400 gr Tube
08266-99904	Honda Marine ATF-Z1	4 litre barrel

## Lubricants

**Application:** BF40D~ BF50D

### Synthetic oil

A range of modern oils & lubricants have been developed to provide superior levels of engine protection in the harshest of marine environments.

- Superior protection against engine wear at low and high operating temperatures
- Excellent anti rust performance
- Outstanding engine cleanliness
- Reduced oil / fuel consumption



Application	Part Number	Specification	Comments
BF40D ~ BF50D	08221-777-060HE	4 Stroke Synthetic engine oil 05W30 API SL JASO MA	1 x 0.6 litre Bottle
	08221-777-060MP		Multi pack - 24 x 0.6 litre Bottles
	08221-777-100HE		1 x 1 litre Bottle
	08221-777-100MP		Multi pack - 24 x 1litre Bottles
	08221-777-400HE		1 x 4 litre Bottle
	08221-777-400MP		Multi pack - 4 x 4 litre Bottles





## Display

**Application:** BF2~ BF250A



Application	Part Number	Specification	Comments
BF2 ~ BF250A	08223-999-205	4 stroke 10W30 API SJ engine oil Marine Gear oil SAE90 GL4 Tube Grease 400 Gr.	Free Display + 32 X 08221-999-100HE 16 X 08251-999-102HE 12 X 08739-B06-100HE

## Gear Oil Pump

**Application:** BF2~ BF250A



Part Number	Comments
08200-9011-HE	Fits standard Honda Marine 1 litre Gear oil bottle

## Oil Extractor

**Application:** BF2~ BF250A

- Description**
- Vacuum engine oil extractor
  - Removes oil from engine with no spills or mess
  - Float mechanism prevents overflow
  - Capacity of 6.5 litres



Application	Part Number	Comments
BF2 ~ BF250A	07999-ZW7-000AH	
	07998-ZW7-009AH	Replacement extractor tube (225mm)



# HonWave





## Accessories

### Bow bag

**Description** • With 6 connection

Application	Part Number
T25-SE/T25-AE	06310-ZV5-T41HE
T30-AE	06310-ZV5-T51HE
T24-IE	06310-ZV5-T96HE
T27-IE/T32-IE	06310-ZV5-T61HE
T38-IE	06310-ZV5-T91HE
T35-AE	06310-ZV5-T71HE
T40-AE	06310-ZV5-T81HE



### Seat bag

Application	Part Number
T25-SE/T25-AE/T30-AE/T27-IE/T32-IE	06883-ZV5-T11HE
T35-AE/T38-IE	06883-ZV5-T21HE
T40-AE	06883-ZV5-T31HE



### Boat cover

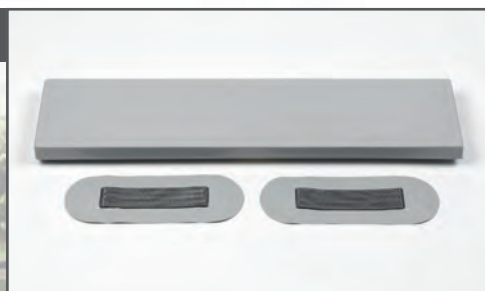
Application	Part Number
T20-SE	06311-ZV5-T61HE
T25-SE	06311-ZV5-T71HE
T25-AE	06311-ZV5-T76HE
T24-IE	06311-ZV5-T81HE
T27-IE	06311-ZV5-T01HE
T32-IE	06311-ZV5-T11HE
T38-IE	06311-ZV5-T51HE
T30-AE	06311-ZV5-T21HE
T35-AE	06311-ZV5-T31HE
T40-AE	06311-ZV5-T41HE



### Seat kits

**Description** • Additional kits including holders and glue

Application	Part Number
T25-SE2/T25-AE2/T30-AE2/T24-IE2/T27-IE2/T32-IE2	77210-ZV5-T30HE
T35-AE2/T38-IE2	77210-ZV5-T40HE
T40-AE2	77210-ZV5-T50HE



### Stirrup Pump

**Note** • The pump adapter is NOT supplied with the pump - order adapter separately

Application	Part Number
Professional pump - 300 litre	06250-ZV5-T00HE
Pump adapter	06251-ZV5-T00HE





## Accessories

### Boat bag

Application	Part Number
T20-SE	06893-ZV5-T41HE
T24-IE, T25-SE, T25-AE, T30-AE, T27-IE, T32-IE	06893-ZV5-T51HE
T35-AE, T38-IE - Bag for Boat Only	06893-ZV5-T61HE
T35-AE, T38-IE - Bag for Aluminium Floor	06893-ZV5-T70HE
T40-AE - Bag for the Boat Only	06893-ZV5-T81HE
T40-AE - Bag for the Aluminium Floor	06893-ZV5-T90HE



Picture only as illustration!\*

### Wheel kit

Application	Part Number	Comments
T32-IE, T38-IE	06427-ZV5-T50HE	Inflatable floor
T35-AE, T40-AE	06427-ZV5-T01HE	Slatted and aluminium floor



Picture only as illustration!\*



