

# PRE RIGGING

HONWAVE  
LUBRICANTS  
MISCELLANEOUS  
PROTECTION  
GAUGES  
ELECTRICALS  
CABLES  
FUEL SYSTEMS  
PROPELLERS  
NMEA 2000  
PRE RIGGING  
CONTROLS

**HONDA**  
MARINE

ENGINEERING FOR *Life*



# 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
    - 1 x 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
    - 1 x 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
    - 1 x Flush RC Box
    - Main Wire Harness available in 5M, 6.1M, 7.6M & 9.1M
    - 1 x Ignition Switch panel



### Side Mount with single digital kit example

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



# PRE RIGGING

## 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
    - 2 x Ignition Switch Panels (or use 06323-ZY6-752 for dual key switch with 1 emergency stop lanyard)



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

| Application                                                                                                                                                                                                        | Harness | Part Number   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------|
| BF40DK4 ~ BF40E ~ BF50DK4 ~<br>BF60AK1 ~ BF80A ~ BFP60AK1 ~<br>BF100A ~ BF115DK1 ~ BF115J ~<br>BF135AK2 ~ BF135D ~ BF150AK2 ~<br>BF150D ~ BF175AK3 ~ BF200AK3 ~<br>BF200D ~ BF225AK3 ~ BF225D ~<br>BF250A ~ BF250D | 5.0M    | 06480-ZZ5-510 |
|                                                                                                                                                                                                                    | 6.1M    | 06480-ZZ5-610 |
|                                                                                                                                                                                                                    | 7.6M    | 06480-ZZ5-710 |
|                                                                                                                                                                                                                    | 9.1M    | 06480-ZZ5-810 |
|                                                                                                                                                                                                                    | 15.0M   | 06480-ZZ5-910 |



### Side Mount Remote Control Kit incl. Trolling Type 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

| Application                                                                                                                             | Harness | Part Number   |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------|---------------|
| BF40DK4 ~ BF40E ~ BF50DK4 ~<br>BF60AK1 ~ BF80A ~ BFP60AK1 ~<br>BF100A ~ BF115DK1 ~ BF115J ~<br>BF135AK2 ~ BF135D ~ BF150AK2 ~<br>BF150D | 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

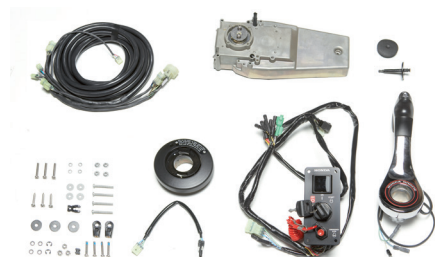


| Application                                                                                                                                                 | Harness | Part Number     | Comments                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|------------------------------------------------|
| BF30DK2 ~ BF40DK4 ~ BF50DK4 ~<br>BF40E ~ BF60AK1 ~ BFP60AK1 ~<br>BF115DK1 ~ BF115J ~ BF135AK2 ~<br>BF135D ~ BF150AK2 ~ BF150D ~<br>BF200D ~ BF225D ~ BF250D | 5.0M    | 06250-ZZ5-U05HE | Reversible Hand<br>Operation -<br>Non Trolling |
|                                                                                                                                                             | 6.1M    | 06250-ZZ5-U06HE |                                                |
|                                                                                                                                                             | 7.6M    | 06250-ZZ5-U01HE |                                                |
|                                                                                                                                                             | 9.1M    | 06250-ZZ5-U09HE |                                                |
| BF40DK4 ~ BF50DK4 ~ BF40E ~<br>BF60AK1 ~ BFP60AK1 ~ BF115DK1 ~<br>BF115J ~ BF135AK2 ~ BF135D ~<br>BF150AK2 ~ BF150D                                         | 5.0M    | 06250-ZZ5-T05HE | Reversible Hand<br>Operation - Trolling        |
|                                                                                                                                                             | 6.1M    | 06250-ZZ5-T06HE |                                                |
|                                                                                                                                                             | 7.6M    | 06250-ZZ5-T01HE |                                                |
|                                                                                                                                                             | 9.1M    | 06250-ZZ5-T09HE |                                                |

## 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                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-------------------------|
| BF30DK2 ~ BF40DK4 ~ BF50DK4 ~<br>BF40E ~ BF60AK1 ~ BFP60AK1 ~<br>BF115DK1 ~ BF115J ~ BF135AK2 ~<br>BF135D ~ BF150AK2 ~ BF150D ~<br>BF200D ~ BF225D ~ BF250D | 5.0M    | 06250-ZZ5-U15HE | Right Hand<br>Operation |
|                                                                                                                                                             | 6.1M    | 06250-ZZ5-U16HE |                         |
|                                                                                                                                                             | 7.6M    | 06250-ZZ5-U11HE |                         |
|                                                                                                                                                             | 9.1M    | 06250-ZZ5-U19HE |                         |
|                                                                                                                                                             | 5.0M    | 06255-ZZ5-U15HE | Left Hand<br>Operation  |
|                                                                                                                                                             | 6.1M    | 06255-ZZ5-U16HE |                         |
|                                                                                                                                                             | 7.6M    | 06255-ZZ5-U11HE |                         |
|                                                                                                                                                             | 9.1M    | 06255-ZZ5-U19HE |                         |

# PRE RIGGING

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

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



| Application                                                                                                                                                 | Metres | Part Number     | Comments                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------|------------------------------------------------|
| BF30DK2 ~ BF40DK4 ~ BF50DK4 ~<br>BF40E ~ BF60AK1 ~ BFP60AK1 ~<br>BF115DK1 ~ BF115J ~ BF135AK2 ~<br>BF135D ~ BF150AK2 ~ BF150D ~<br>BF200D ~ BF225D ~ BF250D | 6.1M   | 06250-ZZ5-U31HE | Reversible Hand<br>Operation -<br>Non Trolling |
|                                                                                                                                                             | 7.6M   | 06250-ZZ5-U51HE |                                                |
|                                                                                                                                                             | 9.1M   | 06250-ZZ5-U91HE |                                                |
| BF40DK4 ~ BF50DK4 ~ BF40E ~<br>BF60AK1 ~ BFP60AK1 ~ BF115DK1 ~<br>BF115J ~ BF135AK2 ~ BF135D ~<br>BF150AK2 ~ BF150D                                         | 6.1M   | 06250-ZZ5-T31HE | Reversible Hand<br>Operation -<br>Trolling     |
|                                                                                                                                                             | 7.6M   | 06250-ZZ5-T51HE |                                                |
|                                                                                                                                                             | 9.1M   | 06250-ZZ5-T91HE |                                                |

## 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

| Application       | Colour       | Part Number     |
|-------------------|--------------|-----------------|
| BF40DK4 ~ BF50DK4 | NHB14M 2012> | 06533-ZZ5-626ZB |



## 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

| Application        | Colour         | Part Number     |
|--------------------|----------------|-----------------|
| BF60AK1 ~ BFP60AK1 | NH282MU > 2012 | 06533-ZZ3-A45ZA |
| BF60AK1 ~ BFP60AK1 | NHB14M 2012>   | 06533-ZZ3-A45ZB |



## 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 |



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## Rigging Tube Kit

|                      |                                  |        |
|----------------------|----------------------------------|--------|
| <b>Kit Contains:</b> | • 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-ZY3-010   |





# 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 |
|------------------------------------------|-----------------|--------|
| BF40 ~ BF250D NMEA 2000 compliant models | 06326-ZX2-U04EU | Black  |
|                                          | 06326-ZX2-T14EU | 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
- 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                                 | Colour | Part Number     | Comment |
|---------------------------------------------|--------|-----------------|---------|
| BF40 ~ BF250D<br>NMEA 2000 compliant models | Black  | 06375-ZX2-U44EU | 40kts   |
|                                             | Black  | 06375-ZX2-U74EU | 70kts   |
|                                             | White  | 06375-ZX2-T44EU | 40kts   |
|                                             | White  | 06375-ZX2-T74EU | 70kts   |

| Speedometer Functions |                                                                                 |
|-----------------------|---------------------------------------------------------------------------------|
| 1                     | Primary Speed: Knots<br>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:<br>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: automatic pop up Screen)<br>Graduated bar with trim percentage<br>(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:<br>Oil level / Temperature / PGM-FI / Charging- Battery<br>Red LED                                                        |
| 8                    | ECOMO (Economy-Lean Burn Mode)<br>Green LED                                                                                               |
| 9                    | Water in Fuel / Emergency Stop / Maintenance Reminder<br>Notification (no alert)                                                          |
| 10                   | "Honda" appears on LCD screen on start up - 3 seconds                                                                                     |



## 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**
- NMEA 2000 Network Starter Kit, part number 06329-ZZ3-U00HE, is required for installation of the NMEA 2000 Tachometer Kit

| Application                         | Part Number     | Colour |
|-------------------------------------|-----------------|--------|
| BF40 ~ BF250D NMEA 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**
- NMEA 2000 Network Starter Kit, part number 06329-ZZ3-U00HE, is required for installation of the NMEA 2000 Tachometer & Speedometer Kits

| Application                            | Part Number     | Colour | Comment |
|----------------------------------------|-----------------|--------|---------|
| BF40 ~ BF250D<br>NMEA 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

| Application                         | Part Number     |
|-------------------------------------|-----------------|
| BF40 ~ BF250D NMEA 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 (1.37 Metres)
  - Kit includes fittings & Pitot Tube

**Note:**

| Fuel Sender | Empty        | Full         |
|-------------|--------------|--------------|
| EU Type     | 10 $\Omega$  | 180 $\Omega$ |
| USA Type    | 240 $\Omega$ | 33 $\Omega$  |

| Application    | Part Number     | Comments                                  |
|----------------|-----------------|-------------------------------------------|
| BF40D ~ BF250D | 06365-ZW5-02AHE | Black gauge kit inc EU Type Fuel Gauge    |
|                | 06360-ZW5-02AHE | Black gauge kit inc US Type Fuel Gauge    |
|                | 06365-ZW5-02BHE | White gauge kit inc EU Type Fuel Gauge    |
|                | 06360-ZW5-02BHE | White gauge kit inc US Type Fuel Gauge    |
|                | 06365-ZW5-023SK | Charcoal gauge kit inc EU Type Fuel Gauge |
|                | 06360-ZW5-023SK | Charcoal gauge kit inc US Type Fuel Gauge |



## 2 Gauge Kit

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

| Application    | Part Number     | Comments           |
|----------------|-----------------|--------------------|
| BF40D ~ BF250D | 06333-ZW5-02AHE | Black gauge kit    |
|                | 06333-ZW5-02BHE | White gauge kit    |
|                | 06333-ZW5-023SK | Charcoal gauge kit |



## 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 ~ BF250D | 06333-ZW5-000HE | Black gauge kit compatible with rudder meter |
|                | 06351-ZW5-00AHE | Black gauge kit incl. harness deluxe         |
|                | 06351-ZW5-00BHE | White gauge kit incl. harness deluxe         |

