



WATER PRESSURE SENSOR KIT, P/N 5008300 INSTALLATION INSTRUCTIONS

APPLICATION

Use this instruction sheet when installing the above kit on **Evinrude® E-TEC® 115 – 300 HP outboards** with *I-Command* capabilities. DO NOT install on any other models.

SAFETY INFORMATION

The following symbols and/or signal words may be used in this document:

DANGER

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury

CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate personal injury.

NOTICE Indicates an instruction which, if not followed, could severely damage engine components or other property.

These safety alert signal words mean:

ATTENTION!
BECOME ALERT!
YOUR SAFETY IS INVOLVED!

For safety reasons, this kit must be installed by an authorized **Evinrude®/Johnson®** dealer. This instruction sheet is not a substitute for work experience. Additional helpful information may be found in other service literature.

DO NOT perform any work until you have read and understood these instructions completely.

Torque wrench tightening specifications must strictly be adhered to.

Should removal of any locking fastener (lock tabs, locknuts, or patch screws) be required, always replace with a new one.

When replacement parts are required, use *Evinrude/Johnson Genuine Parts* or parts with equivalent characteristics, including type, strength and material. Use of substandard parts could result in injury or product malfunction.

Always wear **EYE PROTECTION AND APPROPRIATE GLOVES** when using power tools.

Unless otherwise specified, engine must be OFF when performing this work.

Always be aware of parts that can move, such as flywheels, propellers, etc.

Some components may be HOT. Always wait for engine to cool down before performing work.

If you use procedures or service tools that are not recommended in this instruction sheet, YOU ALONE must decide if your actions might injure people or damage the outboard.

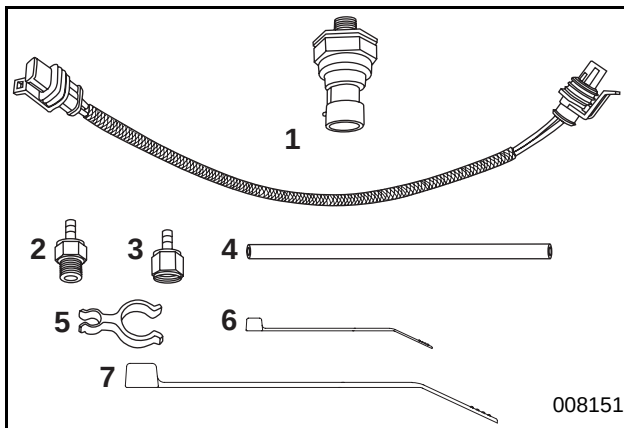
This document may be translated into other languages. In the event of any discrepancy, the English version shall prevail.

TO THE INSTALLER: Give this sheet and the operating instructions to the owner. Advise the owner of any special operation or maintenance information contained in the instructions.

TO THE OWNER: Save these instructions in your owner's kit. This sheet contains information important for the use and maintenance of your engine.



WATER PRESSURE SENSOR KIT



Ref	P/N	Name of Part	Qty
-	5008300	WATER PRESSURE SENSOR KIT	1
1	-	*SENSOR AND CABLE	1
2	355504	*FITTING, Hose	1
3	765352	*FITTING, Hose	1
4	355576	*HOSE, 9" x 1/8"	1
5	3011345	*CLIP	1
6	317893	*TIE STRAP	2
7	320107	*TIE STRAP	4

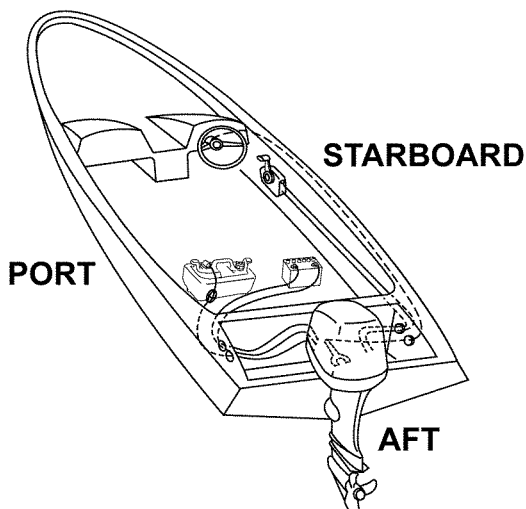
INSTALLATION INSTRUCTIONS

WARNING

To prevent accidental starting while servicing, disconnect the battery cables at the battery

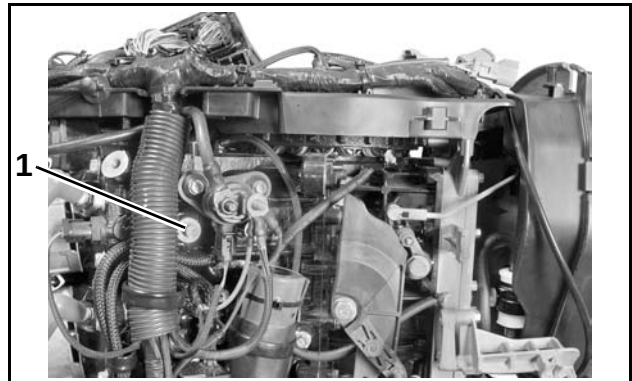
Installers should be familiar with nautical orientation. This instruction sheet may identify parts or procedures using the terms shown in the diagram below.

FORWARD

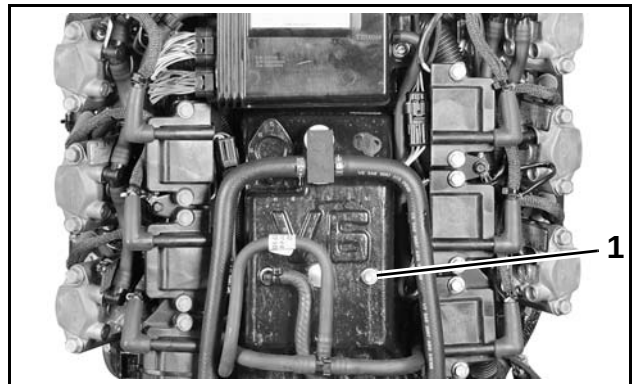


This kit must be installed by a Dealer using *Evinrude Diagnostics* software.

Remove plug from accessory water pressure port.



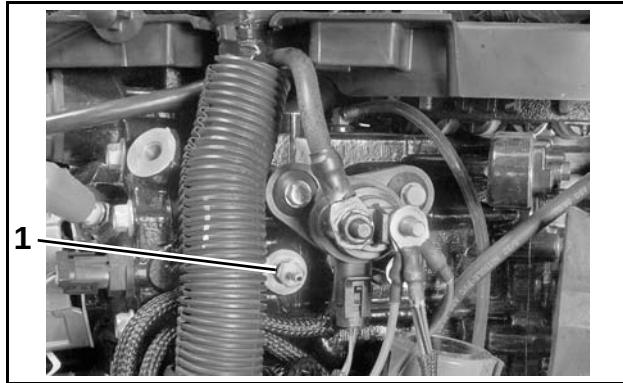
60°V Models
1. Plug



90°V Models
1. Plug

Apply *Pipe Sealant with Teflon*, to threads of Hose Fitting, P/N 355504. Install hose fitting into

accessory water pressure port and tighten securely.

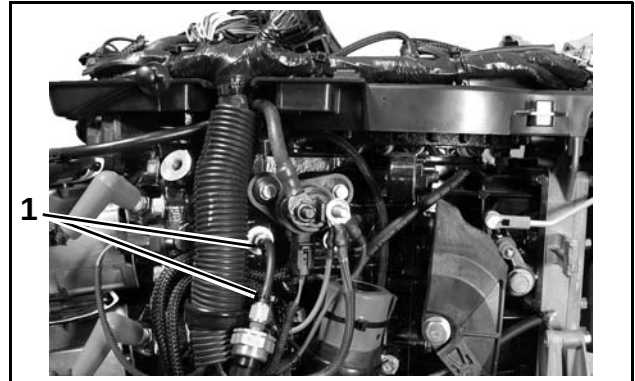


60°V Models
1. Hose fitting

008286

60° MODELS

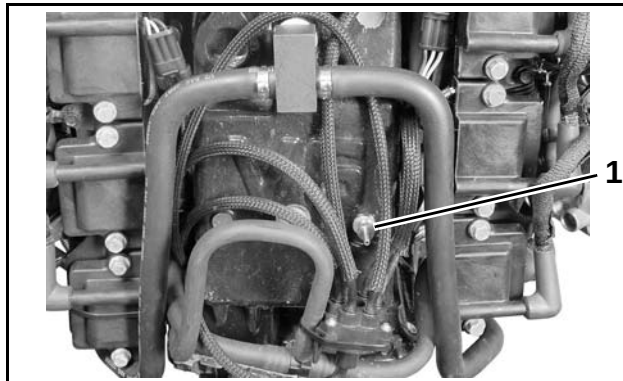
Cut hose to 2.5 inch (63.5 mm). Attach hose to two hose fittings. Secure with tie straps.



1. Tie straps

008281

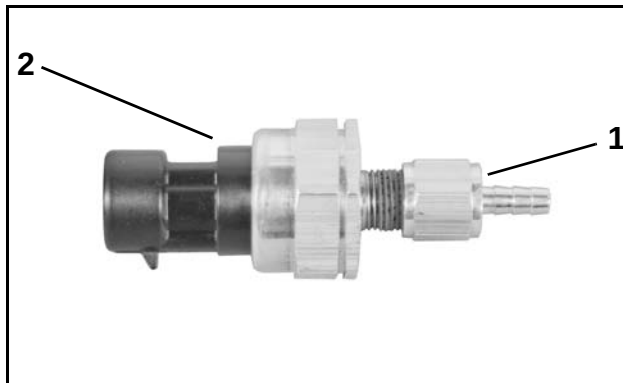
Remove two tie straps from flywheel cover base.



90°V Models
1. Hose fitting

008152

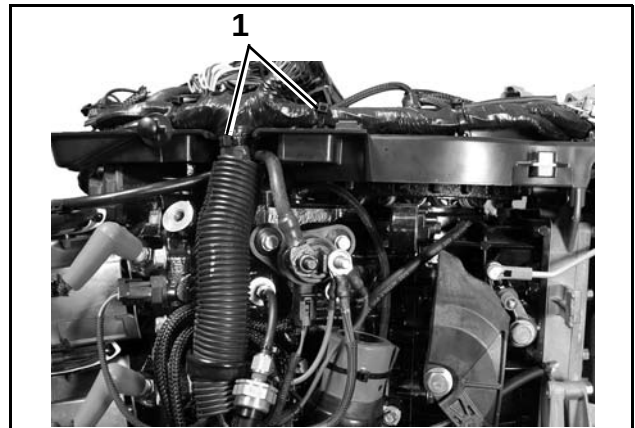
Assemble Hose Fitting, P/N 765352, to water pressure sensor.



1. Hose fitting
2. Water pressure sensor

008129

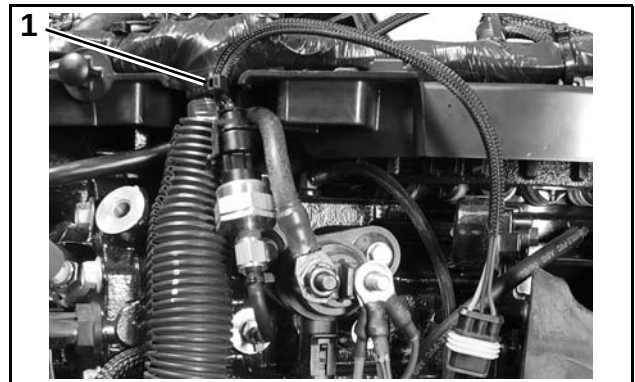
Connect sensor cable to water pressure sensor.



1. Tie straps

008281

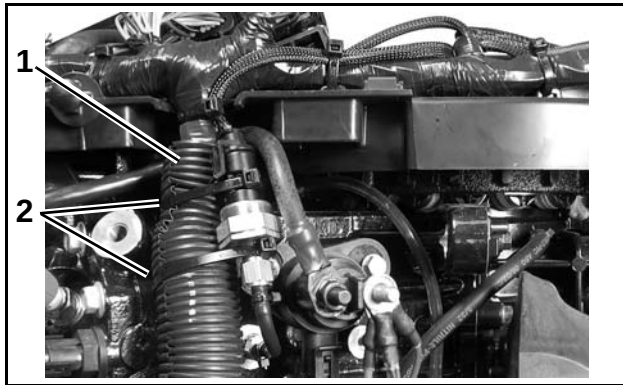
Locate water pressure sensor in a vertical position as shown. Secure to flywheel cover base and engine wire harness with one tie strap. Make sure water pressure sensor is positioned to drain water from hose when engine is not running.



1. Tie strap

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Secure water pressure sensor to split conduit hose with two tie straps.



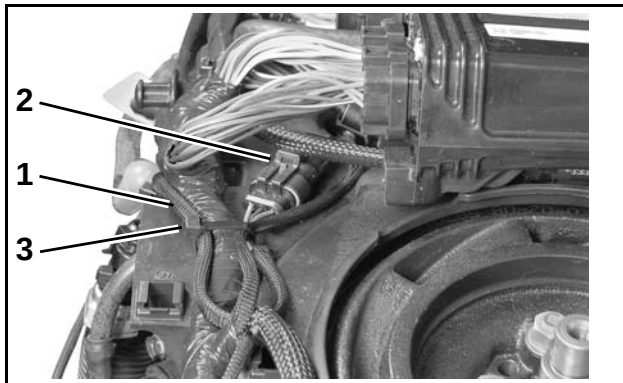
1. Split conduit hose
2. Tie straps

008283

Remove cap from engine wiring harness connector.

Route water pressure sensor cable as shown. Connect water pressure sensor cable to engine wiring harness connector.

Reinstall connector to mounting clip. Use a tie strap to secure water pressure sensor cable.



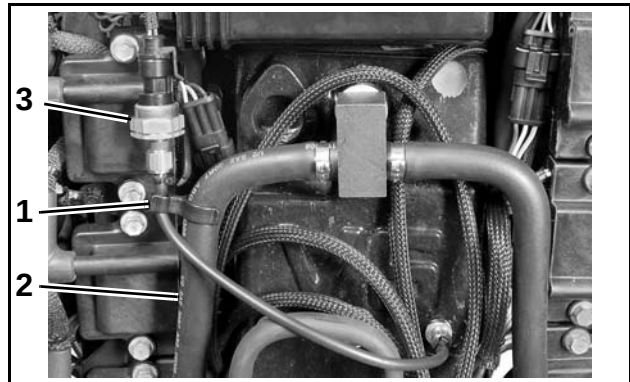
1. Water pressure sensor cable
2. Engine wiring harness connector
3. Tie strap

008284

90° MODELS

Attach 9 in. (228.6 mm) hose to two hose fittings. Secure with tie straps.

Attach Clip, P/N 3011345, to engine cooling water hose. Install water pressure sensor hose on clip as shown.

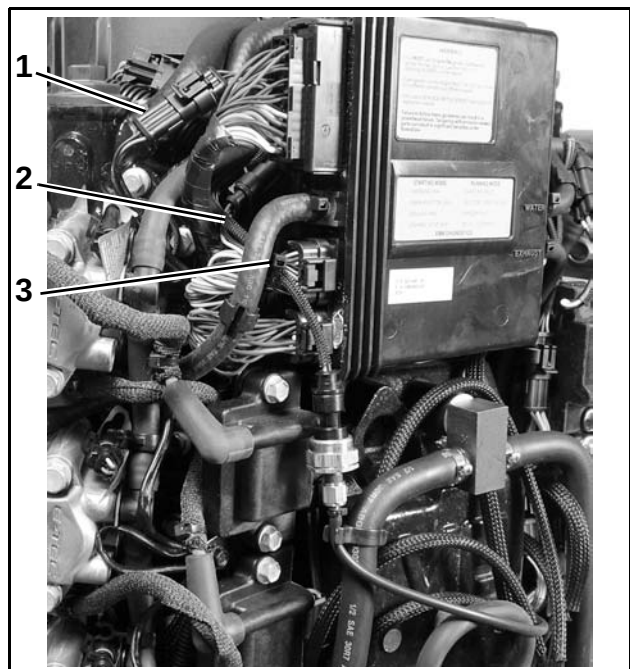


90°V Models

1. Clip
2. Engine cooling water hose
3. Water pressure sensor

008131

Remove cap from engine wiring harness connector. Route water pressure sensor cable as shown. Connect water pressure sensor cable to engine wiring harness connector. Use a tie strap to secure water pressure sensor cable.



90°V Models

1. Engine wiring harness connector
2. Water pressure sensor cable
3. Tie strap

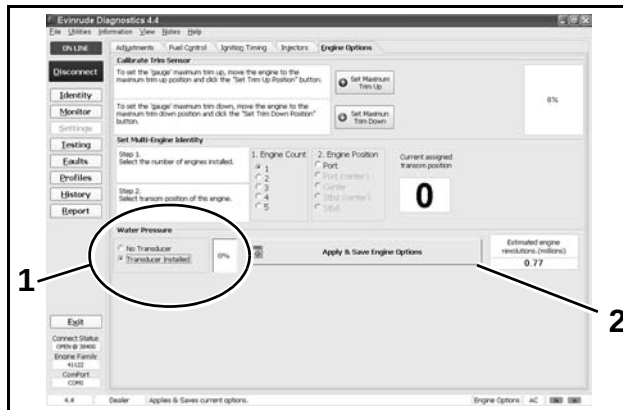
008285

IMPORTANT: Do NOT use tie strap to secure water pressure sensor cable to any engine cooling water hose. The tie strap could restrict cooling water flow, resulting in an engine overheat.

ALL MODELS

Use *Evinrude Diagnostics* software to set engine options.

- Press the *Settings* button.
- Select the *Engine Options* tab.
- In the “Water Pressure” setup, select “Transducer Installed.”
- Click the “Apply and Save Engine Options” button.



Engine Options screen

008132

1. *Water pressure setup*
2. *Apply and save engine options button*

Start outboard and check for leaks at fittings and water pressure sensor. Repair all leaks.