

STARTER CABLE REPLACEMENT INSTRUCTIONS

APPLICATION



Use this instruction sheet when replacing the starter cable on *Evinrude*[®] *E-TEC*[®] 115 – 200HP 60°V4 and 60°V6 model outboards.



SAFETY INFORMATION

For safety reasons, this kit should 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 for your engine.

This instruction sheet uses the following signal words identifying important safety messages.

	DANGER	
Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.		

	WARNING	
Indicates a potentially hazardous situation which, if not avoided, CAN result in severe injury or death.		

	CAUTION	
Indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate personal injury or property damage. It also may be used to alert against unsafe practices.		

IMPORTANT: Identifies information that will help prevent damage to machinery and appears next to information that controls correct assembly and operation of the product.

These safety alert signal words mean:

ATTENTION!
BECOME ALERT!
YOUR SAFETY IS INVOLVED!

Always follow common shop safety practices. If you have not had training related to common shop safety practices, you should do so to protect yourself, as well as the people around you.

It is understood that this instruction sheet may be translated into other languages. In the event of any discrepancy, the English version shall prevail.

DO NOT do any repairs until you have read the instructions and checked the pictures relating to the repairs.

Be careful, and never rush or guess a service procedure. Human error is caused by many factors: carelessness, fatigue, overload, preoccupation, unfamiliarity with the product, and drugs and alcohol use, to name a few. Damage to a boat and outboard can be fixed in a short period of time, but injury or death has a lasting effect.

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

Torque wrench tightening specifications must be strictly followed. Replace any locking fastener (locknut or patch screw) if its locking feature becomes weak. Definite resistance to turning must be felt when reusing a locking fastener. If replacement is specified or required because the locking fastener has become weak, use only authorized *Evinrude/Johnson Genuine Parts*.

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.

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 to the use and maintenance of your engine.



Starter Cable Replacement

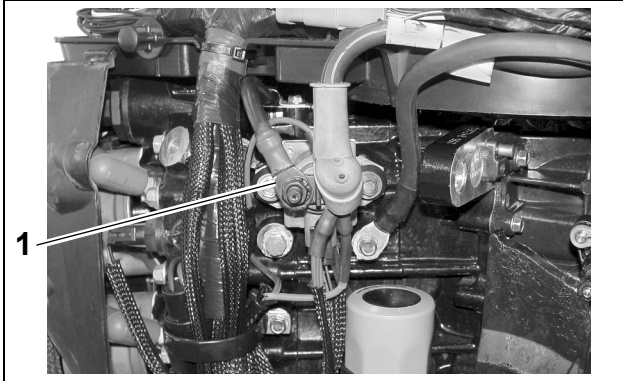


WARNING



To avoid accidental starting of engine while servicing, disconnect the B+ (POS) battery cable at battery and twist and remove all spark plug leads.

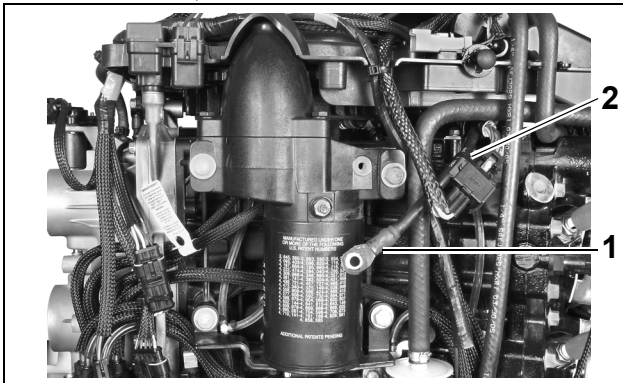
Remove the starter cable from solenoid and cut starter cable terminal off to facilitate removal.



1. Starter cable terminal

005320

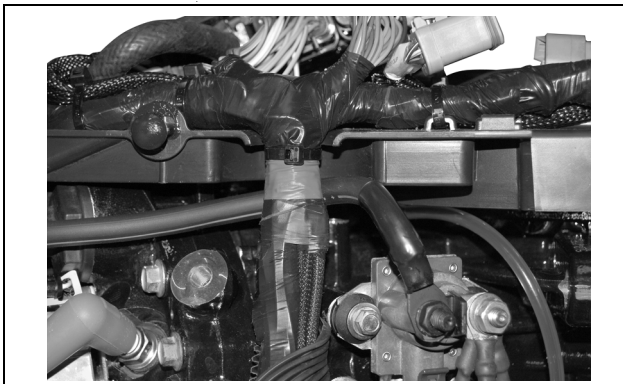
Remove the starter cable from starter. Cut and remove the tie strap. Pull cable through clamps to remove. Discard old cable.



1. Starter cable
2. Tie strap

005373

Connect the new starter cable to solenoid terminal and tighten nut to 60-84 in. lbs.



008043

IMPORTANT: Install the new longer starter cable making note of the new cable routing. Make sure all wiring and hoses are carefully positioned to prevent chafing.

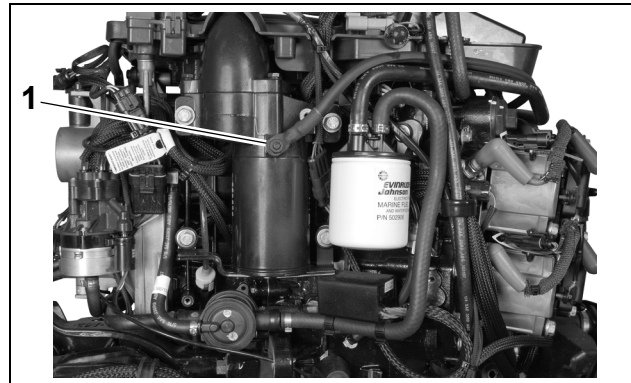
Route cable and secure to fuel rail with tie strap.



1. Tie strap

008044

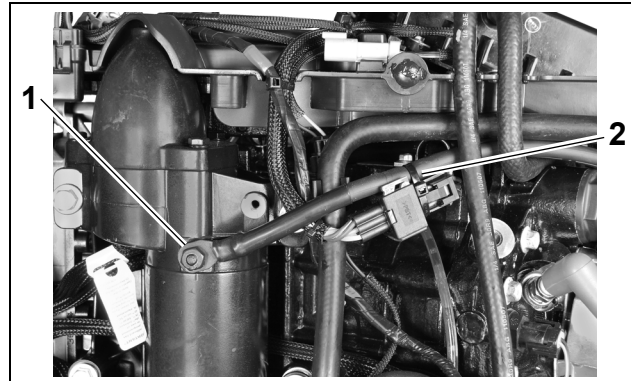
Connect to the starter terminal and tighten the nut to 60-84 in. lbs. Secure stator wiring connector to cable with tie strap.



60°V4 Models

1. Starter terminal

008041



60°V6 Models

1. Starter terminal
2. Tie strap

008042