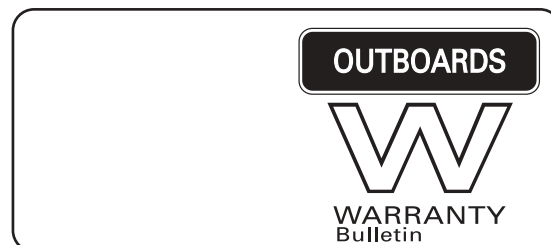


Please route to:

☐ Service	☐ Init.
☐ Sales	☐
☐ Parts	☐



Date: July, 2005

No. 2005-06(W)

MODELS: See Affected Outboards Listing

SUBJECT: Replacement Injector Fasteners

Dear *Evinrude/Johnson* Dealers:

This communication is to inform *Evinrude* and *Johnson* dealers of a limited number of *Evinrude E-TEC™* outboards that require fuel injector fastener replacement.

During a factory audit, injector fasteners were found to not match *Evinrude/Johnson* Genuine Parts quality. To ensure consistency of product, BRP is replacing all injector fasteners on affected outboards.

Properly installed replacement injector fasteners will offer increased clamp load and **MUST** be installed on all affected outboards **before** delivering to customers.

AFFECTED OUTBOARDS

IMPORTANT: Only the following outboards with a serial number on the attached list are covered by this bulletin.

Identify the model and serial number before performing any service procedures.

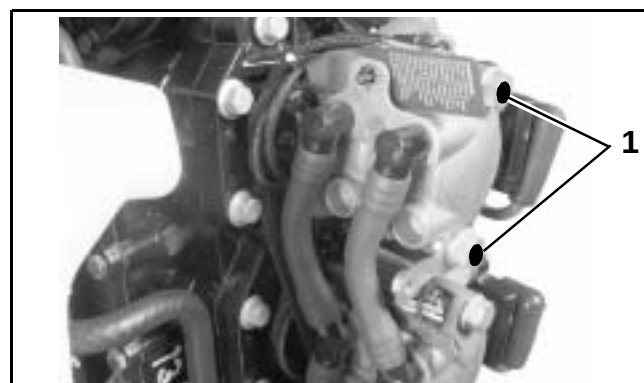
Model	Year
<i>Evinrude E-TEC</i> 2-cyl. 40–60 HP	2006 (SD)
<i>Evinrude E-TEC</i> 3-cyl. 75–90 HP	2006 (SD)
<i>Evinrude E-TEC</i> 90° V6 200–250 HP	2006 (SD)

IMPORTANT: Perform the replacement procedure outlined in this bulletin **before** selling or delivering any affected outboards.

INSPECTION

Remove the engine cover and inspect injector fasteners for identification marks as shown below.

If the markings are present in the locations shown, the fasteners have already been replaced, and no repair is required.



1. Fastener replacement marks (In-line model)

002494

SOLUTION

IMPORTANT: Affected outboards should be repaired as specified in this bulletin.

ORDERING PARTS

ONLY Authorized Dealers may order parts.

Order the part listed below from *Evinrude/Johnson Parts and Accessories* for each outboard:

Description	P/N	QTY	MODEL
Fuel Injector Fastener	350995	4	2-cyl. 40–60 HP
		6	3-cyl. 75–90 HP
		12	90° V6 200–250 HP



PROCEDURE



WARNING



Wear safety glasses at all times when working on any part of the fuel system.

Gasoline is extremely flammable and highly explosive under certain conditions. Use caution when working on any part of the fuel system:

- Always disconnect the battery cables at the battery before servicing the fuel system unless instructed to do otherwise.
- Always work in a well ventilated area and wipe off any fuel spillage.
- **DO NOT** smoke and make certain no open flames or ignition sources exist.

After servicing the fuel system check for leaks. Failure to check for fuel leakage could allow a leak to go undetected, resulting in fire or explosion.

DO NOT remove the fuel injector assembly from the cylinder head, or remove or disturb spark plug leads or retainer clips.

IMPORTANT: Loosen the upper **and** lower injector fasteners **two to three turns** each.

After loosening both fasteners, completely remove **only top** injector fastener and washer.

IMPORTANT: DO NOT discard the old fasteners. Old fasteners **MUST be returned** with a completed warranty form to receive warranty credit. Do not mix the old fasteners with the new fasteners.

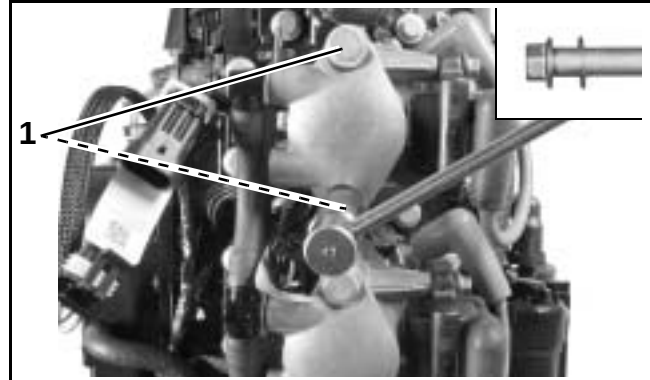
Apply *Triple-Guard* grease to the fastener threads and the underside of the fastener head.

Re-install one washer on new fastener.

Install fastener. Finger tighten only.

Repeat steps for the lower injector fastener before performing torque procedure.

IMPORTANT: Perform torque procedure only after both fasteners are installed.



1. Injector fasteners (In-line model)

002195

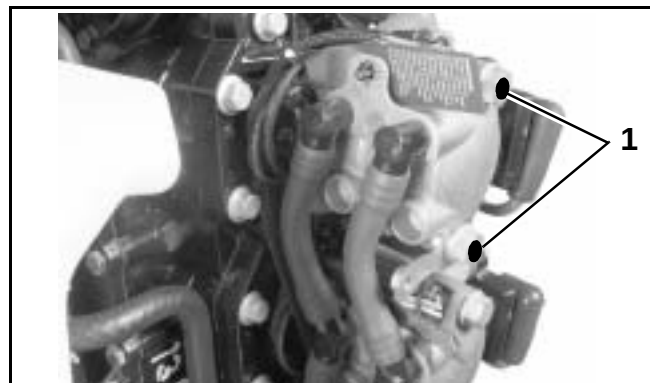
Torque Procedure

After both fasteners are installed, tighten in stages, starting with lower fastener, and alternating to upper with each torque. Torque fasteners to 5 ft. lbs. (7 N·m), then 10 ft. lbs. (14 N·m), and then to a final torque of 24 to 26 ft. lbs. (33 to 35 N·m).

Identification Procedure

Every outboard that has had replacement fuel injector fasteners successfully installed must be easily identified.

Use a **BLACK** permanent marker to mark each fastener as shown below to indicate this replacement work has been completed.



1. Fastener replacement marks (In-line model)

002494

DEALER RESPONSIBILITY

Please contact all of your customers who have purchased these outboards and request they return their outboards to your dealership for this service. Only outboards with serial numbers listed in the Affected Outboards Listing are affected.

WARRANTY AND RETURN INFORMATION

A warranty claim form (P/N 773629) **MUST** be completed and submitted along with all original fuel injector fasteners.

You must return the completed claim with the original fasteners for warranty credit.

The warranty allowance request form must be completed with all required information and submitted with the required parts. A standard warranty allowance request form can be used, filling in the information below.

- Bulletin number — 2005-06(W)
- Dealer name, code, and phone number
- Engine model and serial number
- Flat Rate Code – FE01
- Failing Part Number – 9999960

Flat Rate Labor Allowance:

- **2-Cyl.** Replacement – **0.6 hours**
- **3-Cyl.** Replacement – **0.7 hours**
- **V6** Replacement – **1.0 hours**

Credit for parts, labor, and \$10 US to cover shipping and handling of returned parts will be issued only when the warranty allowance request form and returned required parts are received.

Returning Parts

- **U.S. Dealers only** — The address is:
Bombardier Recreational Products
Evinrude/Johnson Dealer Support Services
250 Seahorse Drive
Waukegan, IL 60085
- **Canadian Dealers** — The address is:
Bombardier Recreational Products Inc.
Attn: Service Department
1789 Stenson Boulevard
Peterborough, ON Canada K9J7B6
- **Dealers Outside North America** — Return old fasteners to regional office.

For additional information, U.S. and Canadian dealers can call 1-800-888-4662. Dealers outside North America can call their regional office.

AFFECTED OUTBOARDS

Serial Numbers of Outboards Affected by Warranty Campaign 2005-06(W)			
IMPORTANT: Review this table carefully to determine if you have sold or currently retain one or more of the affected outboards. ONLY outboards listed here require injector fastener replacement.			
5120093 to 5120095	5120524	5120712	5120915
5120302	5120528	5120714	5120938
5120307	5120529	5120718 to 5120720	5120961
5120310 to 5120316	5120532	5120722	5120962
5120319	5120534	5120723	5120968
5120327	5120535	5120725	5120970 to 5120973
5120329	5120537 to 5120543	5120726	5120977
5120335	5120546	5120730	5120988
5120337	5120548 to 5120552	5120733	5120991
5120344	5120554 to 5120561	5120735 to 5120737	5120993
5120347	5120565 to 5120573	5120742	5121002
5120351 to 5120353	5120575	5120745 to 5120748	5121072
5120357	5120577 to 5120580	5120750 to 5120754	5121073
5120363	5120583 to 5120585	5120756	5121075
5120364	5120590 to 5120592	5120758 to 5120760	5121077
5120366	5120594	5120765 to 5120767	5121078
5120369	5120596	5120776	5121081
5120373 to 5120378	5120600	5120778 to 5120780	5121083
5120381	5120601	5120785 to 5120788	5121086 to 5121088
5120384	5120603 to 5120605	5120791	5121094
5120389 to 5120393	5120607	5120793	5121096 to 5121098
5120397	5120609 to 5120612	5120798	5121100
5120399 to 5120401	5120614	5120799	5121106
5120403 to 5120406	5120618	5120802 to 5120804	5121108
5120434	5120620 to 5120623	5120809	5121109
5120435	5120625	5120816	5121112
5120446	5120626	5120818	5121114
5120449	5120628 to 5120637	5120819	5121115
5120450	5120645 to 5120648	5120823 to 5120825	5121118
5120453	5120650 to 5120652	5120835	5121119
5120464	5120654	5120838	5121121
5120465	5120655	5120839	5121131
5120469	5120659	5120842	5121132
5120475	5120661	5120843	5121136 to 5121138
5120477	5120662	5120861	5121146
5120479	5120664	5120864	5121158
5120480	5120667	5120875	5121302
5120482	5120668	5120876	5121308
5120483	5120670	5120879	5121312 to 5121314
5120491	5120678	5120883	5121321 to 5121323
5120494	5120687	5120889	5121325 to 5121328
5120498	5120688	5120891	5121330
5120507	5120691	5120904	5121333
5120509 to 5120513	5120696	5120906	5121335
5120519	5120699 to 5120703	5120909	
5120520	5120709	5120911	
5120523	5120710	5120914	