

Suggested Routing:

☐ Service ☐ Sales ☐ Parts**Date:** February 20, 2013**No.** 2013-04(S)**MODELS:** Evinrude® E-TEC 15 – 30 HP (864 cc)
Inline Outboards**SUBJECT:** Service Manual Update
(Swivel Bracket Seal Installation)*Evinrude/Johnson Dealers:*

This communication is to inform you about a service manual update. The installation of the upper and lower steering arm seals, P/N 330137, has been updated. The original installation of a seal called for the lip to face in. The updated installation has the lip facing out.

Power Tilt Models

Use Seal Installation tool, P/N 350958, to install new upper and lower seals in the swivel bracket. Install seals with lips of seals facing **out**.

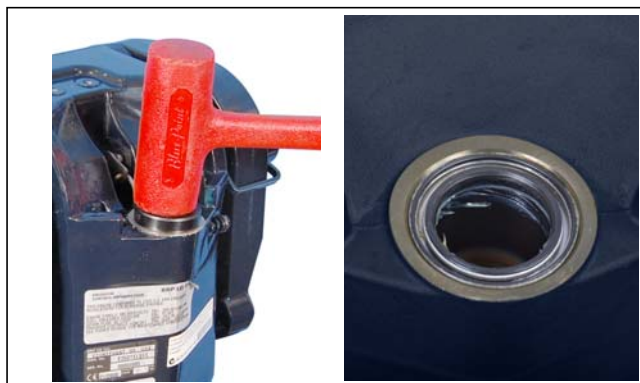


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Manual Tilt Models

Use Seal Installation tool, P/N 350958, to install new upper and lower seals in the swivel bracket. Install seals with lips of seals facing **out**.



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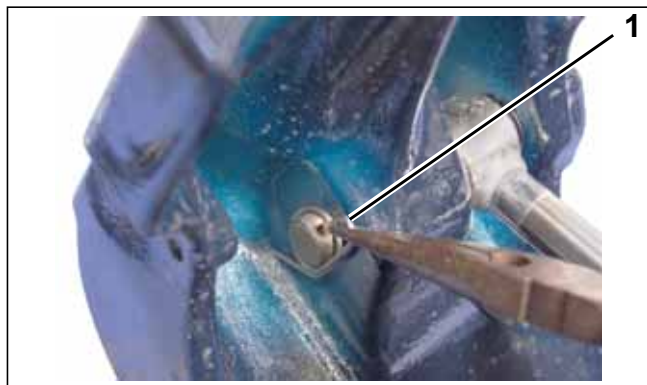
Print the updated pages included with this bulletin and attach them to the correct pages in the appropriate service manual listed below:

Service Manual Model Year	Models	Service Manual P/N	Service Manual Set	Updated Page Number
November 2012	15 – 30 HP (864 cc)	5009001	5009019	Page 216 Page 229

MIDSECTION

STERN BRACKET – POWER TILT MODELS

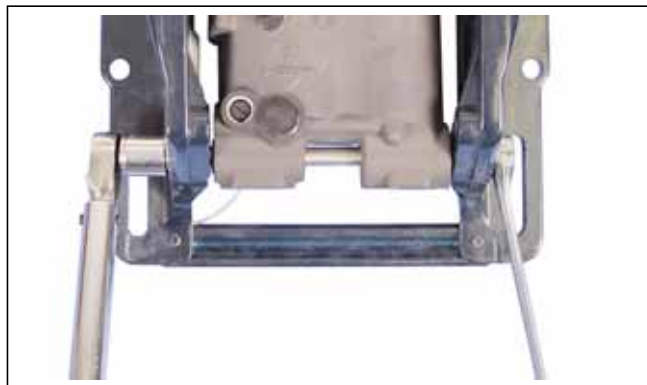
Install the cylinder pin and secure with clip.



1. Clip

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Tighten the locknuts to a torque of 60 to 84 in. lbs. (7 to 9.5 N·m).



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Install the trim sending unit. Refer to **Trim Sending Unit Installation** on p. 219.

Apply a light coat of *Triple-Guard* grease to the outside of the upper and lower bushings.

Install the upper and lower bushings in the swivel bracket.



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007690

Use Seal Installation tool, P/N 350958, to install new upper and lower seals in the swivel bracket. Install seals with lips of seals facing out.



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Install the steering friction plate, washers and lever.



1. Steering friction plate
2. Steering friction washers
3. Steering friction lever

007686

MIDSECTION

STERN BRACKET – MANUAL TILT MODELS

Apply a light coat of *Triple-Guard* grease to the outside of the lower bushing. Install bushing in the swivel bracket.



1. Lower bushing

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Use Seal Installation tool, P/N 350958, to install new upper and lower seals in the swivel bracket. Install seals with lips of seals facing out.



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Install the steering friction plate, washers and lever.



1. Steering friction plate
2. Steering friction washers
3. Steering friction lever

007686

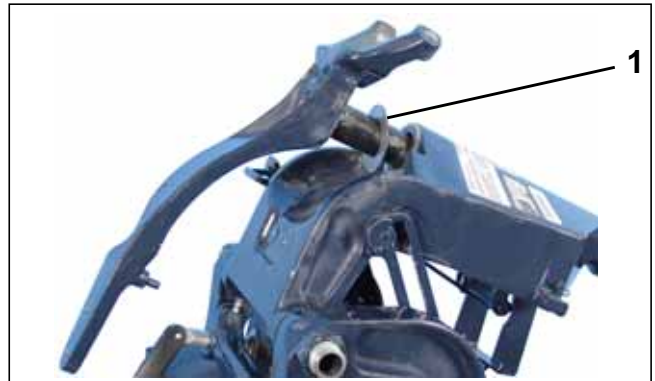
Apply *Triple-Guard* grease to both sides of thrust washer. Install thrust washer on steering arm.



1. Thrust washer

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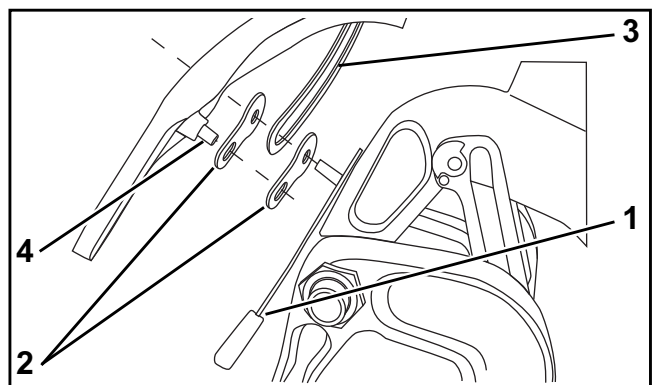
Slide the steering arm through the swivel bracket.



1. Thrust washer

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Align slots of friction washers with dowel pin.



1. Steering friction lever
2. Friction washers
3. Friction plate
4. Dowel pin

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