STEERING FRICTION KIT, P/N 5007322
INSTALLATION INSTRUCTIONS

APPLICATION
Use this instruction sheet when installing the above kit on tiller equipped Evinrude® E-TEC™ outboards, 40–115 HP. DO NOT install on any other models.

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 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 document contains information important to the future use and maintenance of your engine.
**STEERING FRICTION KIT**

**PREPARATION**

Remove all parts from any previously installed steering friction device.

**40–60 HP MODELS WITH POWER TRIM**

Adjust steering friction adjustment screw on port side of swivel bracket so that no drag is felt on steering.

Ref | P/N       | Name of Part                  | Qty
--- | --------- | ----------------------------- | ----
-   | 5007322  | STEERING FRICTION KIT        | 1
1   | 353244   | *ROD, Steering friction      | 1
2   | 328743   | *WASHER                      | 2
3   | 327969   | *LOCKNUT                     | 1
4   | 353245   | *LINK, Steering friction     | 1
5   | 345348   | *NUT                         | 1
6   | 351206   | *SCREW, Drag link            | 1
7   | 319453   | *WASHER                      | 1
8   | 353247   | *ROD END                     | 1
9   | 127386   | *WASHER                      | 1
10  | 553766   | *WASHER, Spring              | 1
11  | 353248   | *SPACER                      | 1
12  | 126023   | *SET SCREW                   | 1
13  | 328702   | *WASHER                      | 1
14  | 353243   | *KNOB                        | 1
15  | 353241   | *CLAMP, Steering friction    | 1
16  | 353242   | *BUSHING                     | 1
17  | 305650   | *COTTER PIN                  | 1
18  | 315077   | NUT, Steering bracket        | 1

**WARNING**

Improper installation of this kit could result in personal injury due to loss of boat control.
**75–115 HP MODELS**

Remove steering friction screw from tiller handle bracket, steering arm, and steering friction lever.

![Diagram](image)

1. Steering friction screw (3/8 x 2.5)  
2. Steering friction lever  

005089

Remove steering friction bracket and screws.

![Diagram](image)

1. Steering friction bracket  
2. Screws  

005088

Temporarily remove tiller handle bracket from steering arm. Retain rear steering arm screw, nut, and washer.

**INSTALLATION**

Install steering friction clamp on tilt tube as far as it will go, then back off into position shown, with adjustment knob facing forward. Tighten set screw no more than 60 to 84 in. lbs (7 to 9.5 N·m).

![Diagram](image)

1. Steering friction clamp  
2. Set screw  

006323

Apply a light coat of *Triple-Guard* grease to steering friction rod and install through clamp and tilt tube. Be sure that plastic bushing is in place inside clamp.

![Diagram](image)

006324

Assemble drag link parts as shown:

![Diagram](image)

1. Spacer  
2. Spring washer  
3. Washer  
4. Rod end  
5. Washer  
6. Drag link screw  

006363
Place tiller bracket on steering arm from the bottom. Thread drag link screw through bracket into forward hole of steering arm. Thread steering arm screw, with washer, into center hole of steering arm.

Tighten both screws to a torque of 18 to 20 ft. lbs. (25 to 27 N·m).

Install locknuts on screws on top of steering arm. Hold screws with a wrench and tighten locknuts to 18 to 20 ft. lbs. (25 to 27 N·m).

**STEERING FRICTION ADJUSTMENT**

A slight drag should be felt when turning the outboard with the steering handle. If adjustment is necessary, turn the steering friction knob:
- Clockwise to increase friction; or
- Counter-clockwise to decrease friction.

**WARNING**

Steering friction device is not intended to hold boat on a set course. DO NOT over-tighten steering friction screw for “hands-off” steering. Reduced control of the boat could result in loss of control by the operator, creating a risk of personal injury or property damage.