



INSTALLATION INSTRUCTIONS WINCH MOUNTING KIT

Part Number:69685 and 770017

Application: Ford Super Duty

Your safety, and the safety of others, is very important. To help you make informed decisions about safety, we have provided installation and operating instructions and other information on labels and in this guide. This information alerts you to potential hazards that could hurt you or others. It is not possible to warn you about all potential hazards associated with this product, you must use your own good judgment.

CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE. READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS PRODUCT.

This guide identifies potential hazards and has important safety messages that help you and others avoid personal injury or death. **WARNING** and **CAUTION** are signal words that identify the level of hazard. These signal words mean:

WARNING signals a hazard that could cause serious injury or death, if you do not follow recommendations.

CAUTION signals a hazard that may cause minor to moderate injury, if you do not follow recommendations.

This guide uses **NOTICE** to call attention to important mechanical information, and **Note**: to emphasize general information worthy of special attention.

WARNING

INJURY HAZARD

Failure to observe these instructions could lead to severe injury or death.

- Always** insure components will remain secure during installation and operation.
- Always** tighten all nuts and bolts securely, per the installation instructions.
- Never** operate this WARN product with damaged or missing parts.

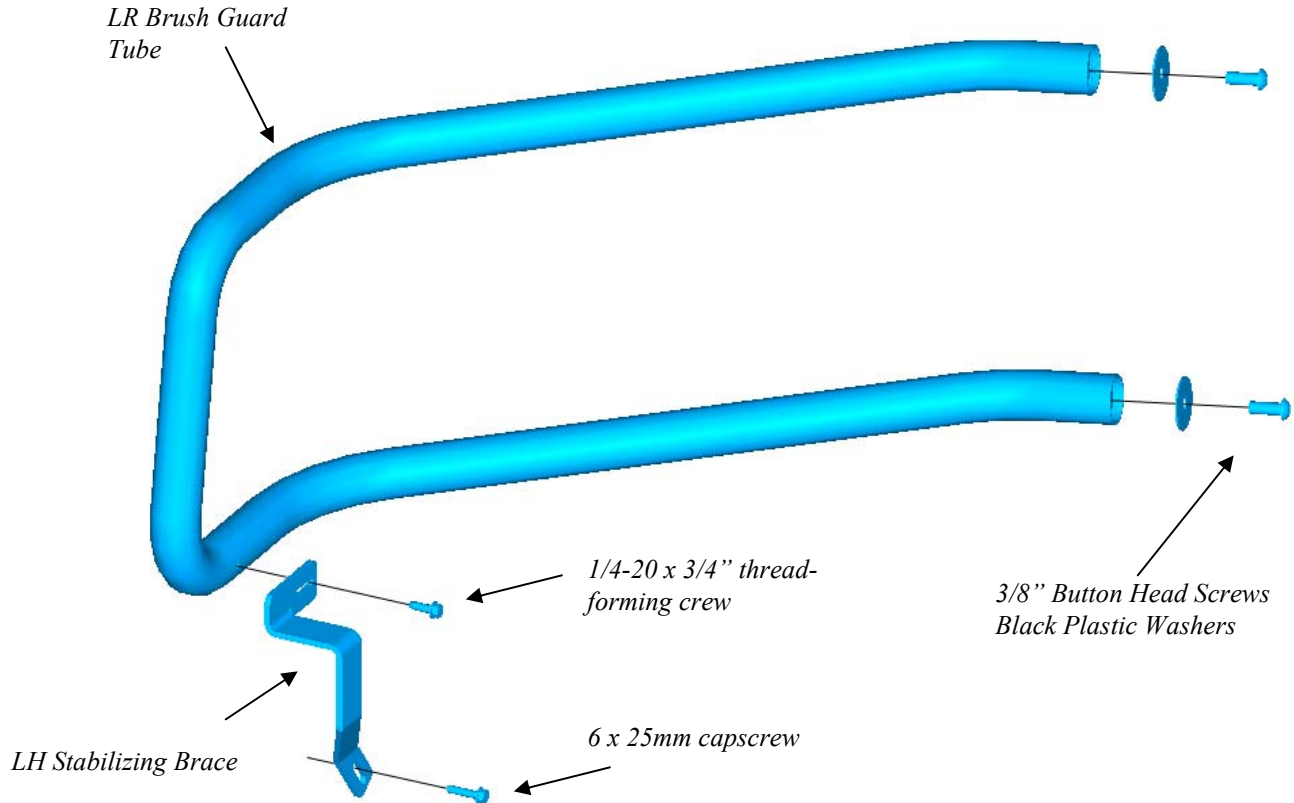


Figure 1 Exploded view

III. PARTS LIST

<u>Part Number</u>	<u>Qty</u>	<u>Description</u>
69687	1	LH Brush Guard Tube, black
69688	1	RH Brush Guard Tube, black
70015	1	LH Brush Guard Tube, stainless
70016	1	RH Brush Guard Tube, stainless
69689	1	LH Stabilizing Bracket
69691	1	RH Stabilizing Bracket

IV. TOOLS REQUIRED

8mm socket or end wrench	3/8" socket or end wrench
10mm socket or end wrench	7/32" hex socket (Allen) wrench

VI. INSTALLATION

1. Remove the top, outboard brace bolt from both sides of the bumper. **Figure 2**

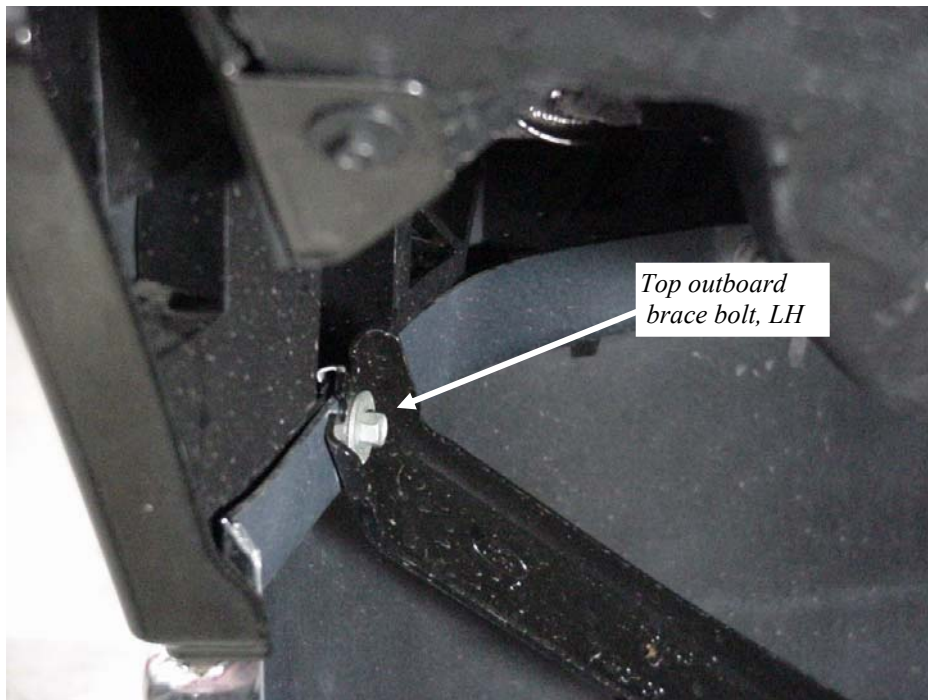


Figure 2 Inside left fender – outboard brace bolt

2. Install the LH and RH Stabilizing Brackets as shown in **Figure 4**. Use the longer 6 x 25mm capscrews provided. **Figure 3**
3. Install a 1/4-20 x 3/4" thread-forming screw half way into the mounting hole in the side of each Brush Guard Tube, then remove it. This pre-threads the hole making final assembly easier.

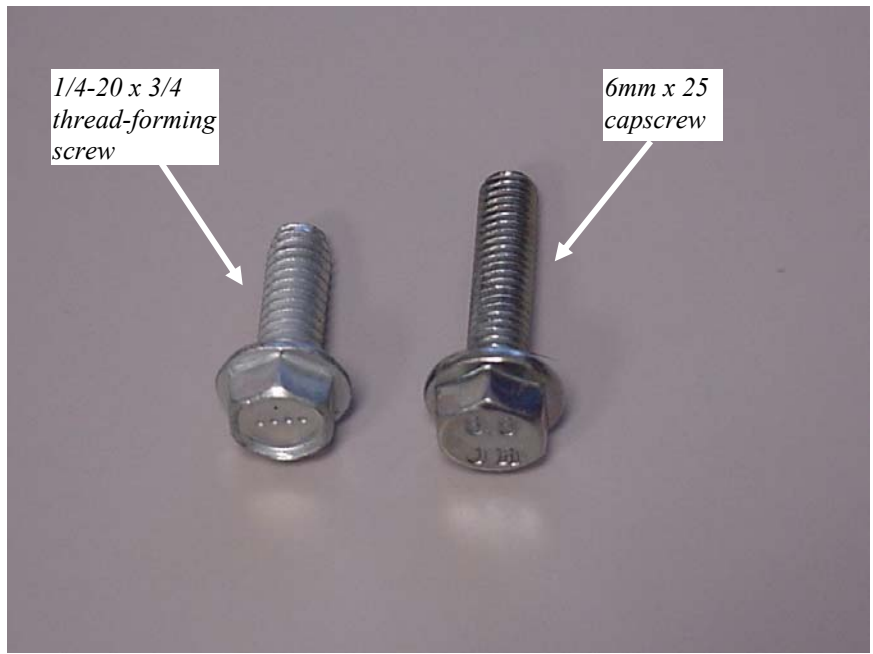


Figure 3 Fastener identification



Figure 4 View inside left fender showing the Stabilizing Bracket installed

4. Attach the Brush Guard Tubes to the Trans4mer Side Members. Insert a large plastic washer between each tube end and Side Member (*plastic washers are not used in stainless kits*) and secure with 3/8" button head screws. Do not tighten yet.
5. Attach the Stabilizing Brackets to the Brush Guard Tubes using thread-forming screws. Do not tighten yet.
6. Tighten the 3/8" button head screws first, then the 6mm x 25 capscrews and finally the 1/4-20 thread-forming screws. Do not over tighten.



Figure 4-5 Stabilizing Brace detail

VII. MAINTENANCE/CARE

1. Inspect all parts on the winch, winch mount, and related hardware prior to each use. Replace all hardware that appears rusted or deformed.
2. Inspect all nuts and bolts on the winch, winch mount, and related hardware prior to each use. Tighten all nuts that appear to be loose. Stripped, fractured, or bent bolts or nuts need to be replaced.

WARNING

PERFORM REGULAR INSPECTIONS ON THE WINCH, WINCH MOUNT, AND RELATED HARDWARE. NEVER OPERATE THE WINCH WITH DAMAGED OR MISSING PARTS. FAILURE TO FOLLOW THIS WARNING MAY CAUSE VEHICLE DAMAGE AND OPERATOR INJURY OR DEATH.

Warn Industries Stainless Steel Truck Accessories

What to expect:

Polished stainless steel combines the beauty of a chrome-like appearance with extreme durability and corrosion resistance. With a minimum amount of care, the appearance will last almost indefinitely. Unlike platings or coatings, there is nothing to peel off or wear away that would allow corrosion underneath.

The actual appearance may not be exactly like new chrome in either the degree of luster or color. There may be fine polishing lines visible up close and small differences between mating parts of an assembly. A grille guard, for instance, may have small differences between the round tubing and the flat plate. The backside of a part may not be as highly polished as the front. However, part of the beauty and appeal of stainless actually lies in the smooth “hand-worked” appearance.

There also is a possibility that small rust spots can appear on stainless products. They are usually due to minor iron contamination on the surface as a result of normal manufacturing and handling processes. This minor rust, if it occurs at all, is easy to remove and will not tend to spread.

Recommended care:

Regular washing with fresh water and mild car wash detergents followed by rinsing and drying with a soft towel is the best minimum care. Beyond that, any cleaner/wax recommended for automotive finishes will work well to remove minor stains and scuffs, enhance the shine and provide protection. Always use clean soft cotton cloths. In most cases, this will be all that is required for many years. For more serious blemishes or a rust spot, use a cream metal polish recommended for stainless, aluminum, etc. Try to rub in the direction of the original polishing lines.

Ultimately, any stainless part can be restored to a brilliant shine with power buffing processes.

Caution:

Do not use steel wool or any type of metal scraper. Do not use “Scotch Brite” pads or abrasive powdered cleaners. Do not try to clean with muriatic acid or any other acid.

Stainless Fasteners

Stainless steel fasteners are included in many of the stainless kits. These fasteners provide similar corrosion resistance and appearance as the rest of the kit. However, stainless fasteners are prone to galling when installed in similar stainless material. It is a good idea to apply a small amount of anti-seize compound to the threads when installing them. Care should also be taken when tightening the fasteners to prevent rounding or deforming the corners of the bolts. Make sure the wrenches are the correct size and fit properly. In the case of socket heads, the wrench should have sharp, un-worn edges. With a few precautions during assembly the products should provide years of service.