



INSTALLATION INSTRUCTIONS

Skirt Kit for Hidden Winch Mount For 2008 Ford Super Duty Kit 78319

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** use extreme caution when drilling on any vehicle. Make sure that all fuel lines, brake lines, electrical wires, and other objects are not punctured or damaged when/if drilling on the vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling, and relocate any objects that may be damaged. Failure to inspect the area to be drilled may result in vehicle damage, electrical shock, fire or personal injury.
- Always** wear safety glasses when installing this kit. A drilling operation will cause flying material chips. Flying chips can cause eye injury.
- Always** use extreme caution when cutting and trimming during fitting.
- Always** remove jewelry and wear eye protection.
- Always** insure components will remain secure and adequately supported during installation and operation.

Before You Begin

These Installation Instructions assume the 08 Super Duty Hidden Winch Mount has previously been installed. If the Hidden Kit is not yet installed, disregard these instructions and refer to Installation Instruction p/n 78324 that comes with Hidden Winch Mount p/n 87105 for complete installation details.

PARTS LIST

<u>PART NO.</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
78319	1	Skirt Kit
78771	1	Hardware Kit for Skirt Kit

TORQUE SPECIFICATIONS

BOLT SIZE	TORQUE
3/8 inch	30 lb. ft (40.7 N-m)
7/16 inch	50 lb. ft. (67.8 N-m)
1/2 & 5/8 inch	75 lb. ft. (101.7 N-m)

Vehicle Disassembly

1. Remove the fairlead

2. Disconnect the fog lamps if equipped. The plug is inboard of the driver side headlamp with an additional retainer below. See **Figure 1**

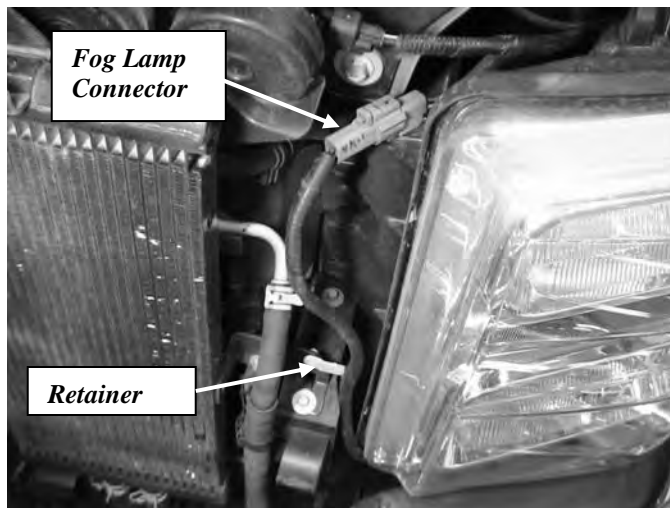


Figure 1 Fog Lamp Disconnect

3. Detach any other wires or cables that are connected to the bumper such as block heater cables.

4. Early production trucks have the hood release lever and bracket attached to the back of the bumper. If you have one of these, remove the release lever from the bracket. Remove the bracket from the bumper and save the bracket and hardware for reinstallation.

NOTE: Make sure the bracket is the extended bracket included with the Hidden Winch Mount. It should measure approximately 9" from lever mounting hole to bumper. If the stock bracket (about 3-1/4") is still installed, you will need to order Warn p/n 78687.

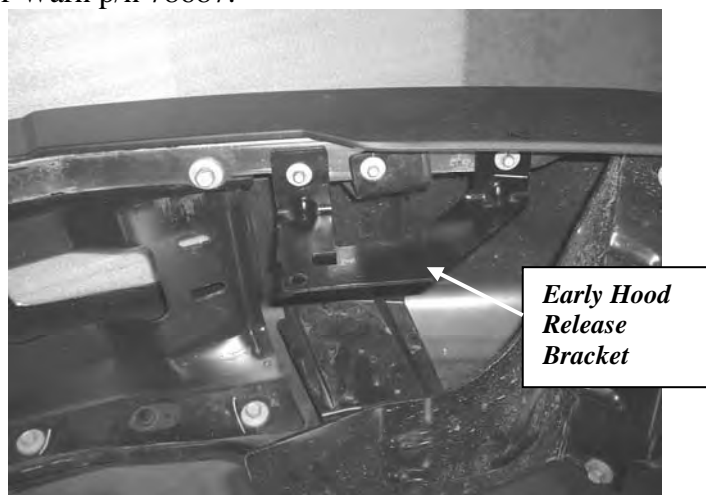


Figure 2 Early Hood Release Bracket

5. Later production trucks have the hood release attached next to the radiators. The release lever should be left in place on these trucks and disregard step 4. See **Figure 3**



Figure 3 Late Hood Release Bracket

6. Remove the bolts attaching the bumper end brackets to the Bumper Brace Brackets.

7. Remove the (4) front mounting bolts (2 outboard of each tow loop) and remove the bumper. Place the bumper face down on a protective surface. The bolts and nut plates will be reinstalled later. **See Figure 4**

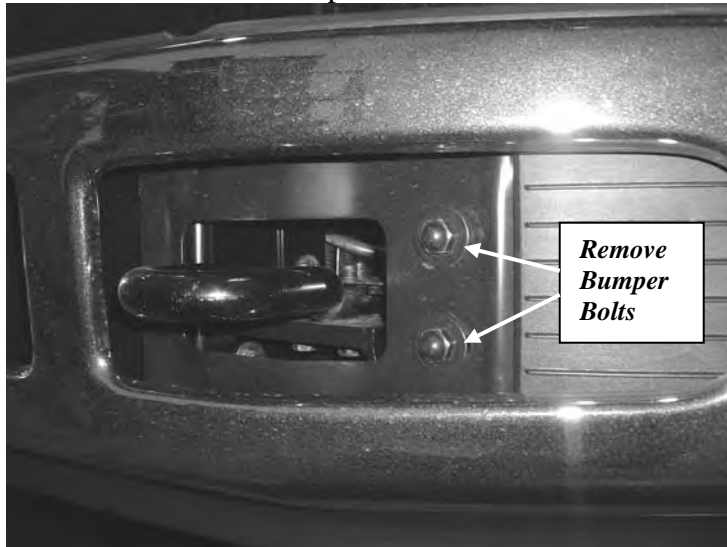
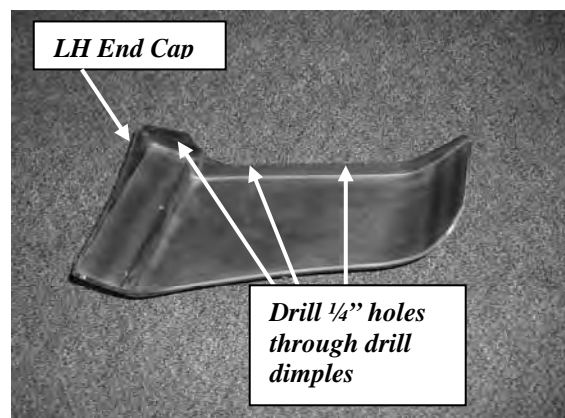
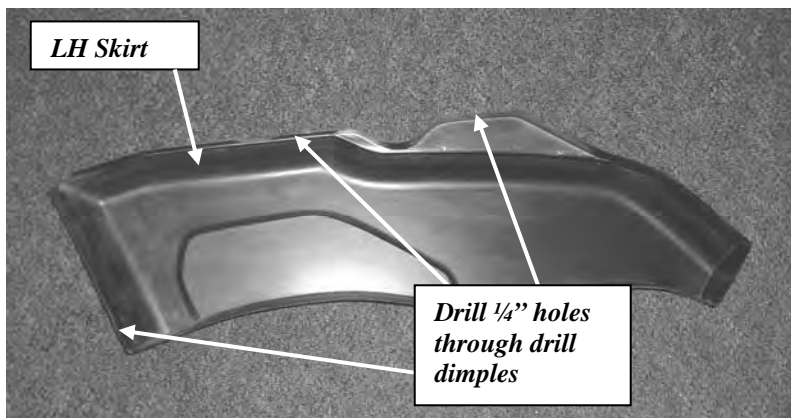


Figure 4 LH Front Bumper Bolts

Skirt Kit Installation

8. Drill 1/4" holes through each of the dimples molded into the Skirts (3ea) and End Caps (3ea). **See Figures 5 and 6**



Figures 5 and 6 Drill dimple locations for Skirt and End Cap, LH shown

9. Hold the LH Skirt in place. The part should be against the underside of the bumper tread and moved left or right for best fit. The bumper end brackets bolt may have to be loosened and the bracket slid forward to clear the Skirt. Tighten the bolts after moving it. **See Figure 7**

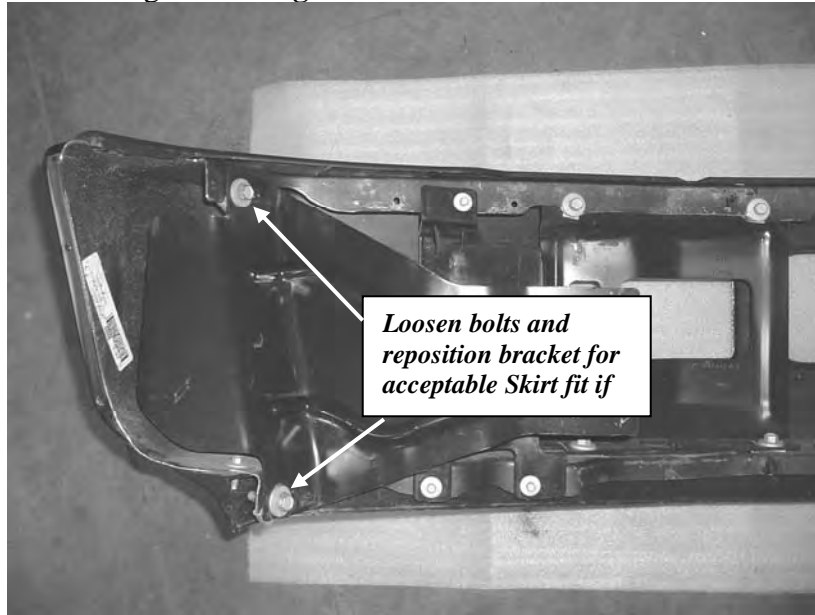


Figure 7 LH bumper bracket

10. With the Skirt in position, mark the bumper flange through the (2) corresponding holes in the Skirt. Remove the Skirt and drill a 1/4" hole through the bumper flange at each mark. Center punching the mark can prevent the drill from "walking" while drilling.



Figure 8 LH Skirt held in position



Figure 9 LH Skirt held in position

11. Install 1/4" hardware in each hole. Use 1/4" flat washers on both sides of the holes. It is only necessary to "snug" these fasteners. Over tightening will fracture the plastic Skirt.

12. Hold the RH Skirt in place against the bumper. Mounting holes should already be in the bumper. If the truck has a bumper mounted hood release, reinstall the bracket screws through the bracket and the Skirt, into the original clip nuts attached to the bumper. Again, the bumper end bracket bolts may have to be loosened and the bracket slid forward to clear the Skirt. Again, tighten the bolts after moving the bracket.

13. If the truck is not equipped with a bumper mounted hood release, use the 1/4" hardware to attach to the Skirt using the existing holes in the bumper flange.

14. Hold the LH End Cap in position. The outer surface should be even with the bumper surface and the upper contours should generally match the corner of the bumper and the top of the Skirt. Mark the hole locations onto the bumper end (2 holes) and Skirt end (1 hole).



Figure 10 LH End Cap and Skirt in position

15. Remove the end cap and drill 1/4" holes through each mark. Install 1/4" fasteners through each hole using flat washers on both sides.



Figure 11 LH End Cap and Skirt installed

16. Install the Skirt Brackets as shown in Figure 12. Do not tighten yet.

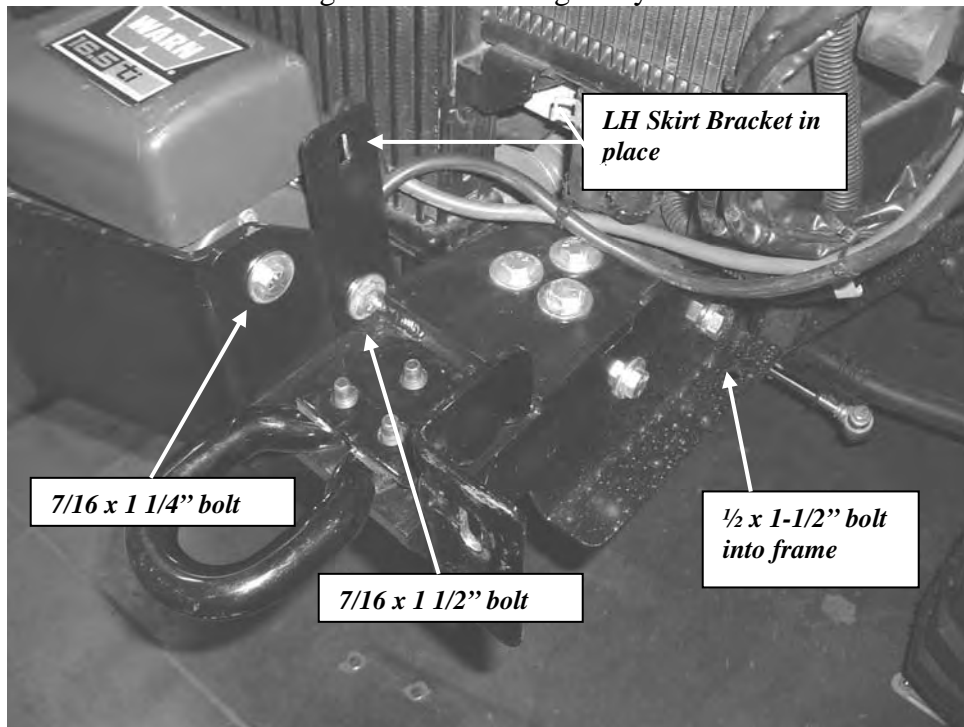


Figure 12 Winch Carrier installed, note Skirt Bracket location

17. Place the bumper into position. Lift the bumper so the flange fits over the top edge of the Winch Carrier. The bumper can then be rotated into place so the fairlead mounting surface extends through the opening in the bumper.

NOTE: The Skirt Brackets should be positioned inboard (winch side) of the Skirts. See Figure 13.

18. Install the (4) original front bumper bolts and nut plates through the bumper and tow/bumper brackets. Center and level the bumper and tighten the hardware.

19. Install the 1/4" carriage bolts that came with the Skirt Kit through the inboard Bracket and into the holes drilled in the Skirt. Install 1/4" flat and lock washers, and nuts and tighten. Also tighten the 7/16" hardware at the opposite end of the Bracket.

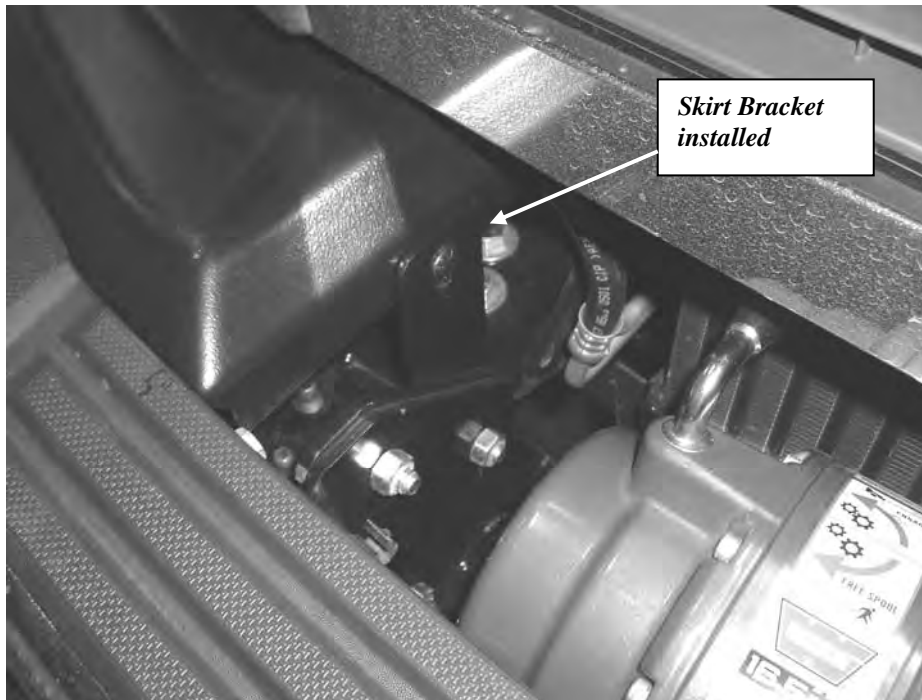


Figure 13 RH Skirt Bracket installed

20. Attach the factory bumper end brackets to the Bumper Brace Brackets. Use the 3/8" hardware removed earlier. Tighten to recommended torque.

21. Reinstall the fairlead. Feed the wire rope through the Fairlead and install it using the 7/16 x 4" bolts, lock and flat washers. If you are installing a front license plate, place the License Plate Bracket provided between the Fairlead and the Carrier before tightening the hardware. Tighten to the recommended torque. If the Fairlead has two mounting slots per side, use the center slots for the 4" bolts. Install this type of Fairlead with the second set of slots above the centered slots. The mounting hardware included with the winch can be installed here for additional Fairlead support.

NOTE: The 7/16 x 4" bolts must **ALWAYS** be installed through the fairlead into the winch. There are additional threaded holes in the carrier to bolt to, however this set of holes should **NEVER** be used unless the 7/16 x 4" bolts are used in the center holes.



Figure 14 Fairlead and bumper installed

39. Reconnect the fog lamps. Install the license plate (if applicable) below the fairlead, on the bracket installed earlier. Re-attach or secure any wires or cables previously disconnected to complete the installation.