



# INSTALLATION INSTRUCTIONS

## Winch Bumper 69501 and Winch 69502 for Hummer H2

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

### NOTE:

Only Warn winch part number 69502 should be used with this bumper. It has the correct length electrical cables, clutch lever arrangement and remote control socket wiring harness.

This bumper will work with the Hummer accessory grille guard and auxiliary light options. It will not work with the Warn light bar 68499.

Follow the step-by-step sequence shown for fastest installation and to provide the best alignment of parts to the vehicle.

This installation requires hole drilling. Be sure you have a drill motor and a sharp 7/16" or 15/32" drill available. A smaller size pilot drill will also be helpful.

### PARTS LIST

PART NO.	QUANTITY	DESCRIPTION
69464	1	Bumper, H2
69347	1	Closure Shield, RH
69348	1	Closure Shield, LH
69609	1	Mounting Bracket, Outer
69196	1	Mounting Bracket, Inner
69119	1	Tow Loop Bracket, RH
69120	1	Tow Loop Bracket, LH
69121	1	License Bracket

### TORQUE SPECIFICATIONS

**BOLT SIZE**

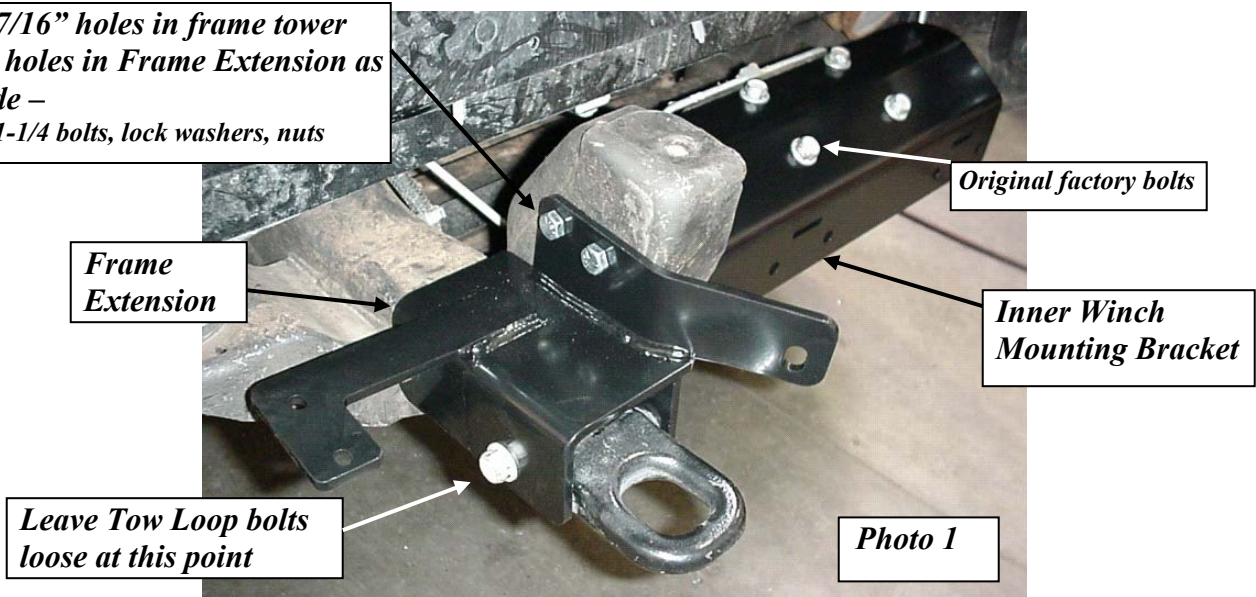
3/8 inch  
 7/16 inch  
 1/2 inch  
 12mm

**TORQUE**

30 lb. ft. (40.7 N-m)  
 50 lb. ft. (67.8 N-m)  
 75 lb. ft. (101.7 N-m)  
 58 lb. ft. (78.7 N-m)

1. Open hood and remove light sockets from fog lights. Squeeze and push out the metal clips that retain the lower center grille piece. Close hood to actually remove this grille. (Do not remove the main chrome grille).
2. Pry up and remove the two plastic hole plugs from the top of the bumper plastic. These give access to the top two bumper bolts. Remove these two upper bolts and the two lower bolts at the bottom edge of the bumper. Remove the bumper assembly.
3. Remove the two tow loops and also the receiver bracket from the center of the front cross member.
4. Install the RH and LH Frame Extensions. The RH piece has the welded-on control box bracket as shown in **Photo 1**. Use 1/2 x 1-1/2 bolts, lock washers and nuts. Install the factory tow loops onto the Frame Extensions with the factory bolts at the rear holes only. Leave out the front bolts and leave the rear bolts loose at this time, allowing the tow loop to pivot downward. (See step 16).

*Drill 7/16" holes in frame tower using holes in Frame Extension as a guide – 7/16 x 1-1/4 bolts, lock washers, nuts*



5. Match drill (7/16") the vehicle frame horns to the holes provided in the upper tabs of the Frame extensions. Install 7/16 x 1-1/4 bolts, lock washers and nuts. Tighten all bolts (except tow loops) securely at this point.

## ⚠ WARNING



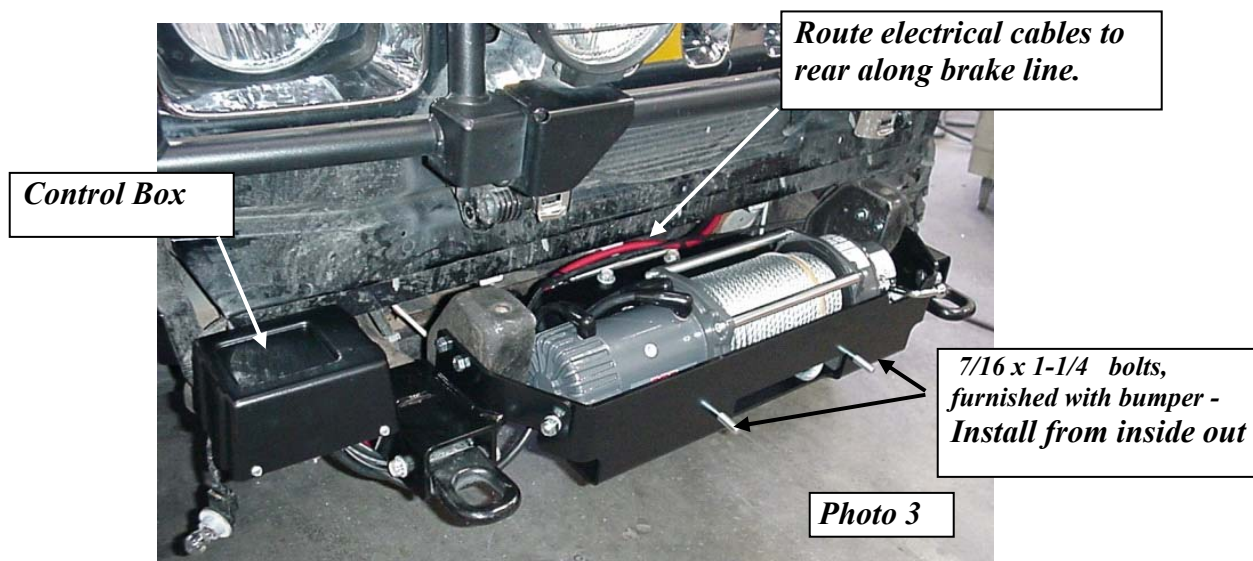
Drilling operations can cause flying metal chips. **WEAR SAFETY GOGGLES.** Flying metal chips can cause eye injury.

1. Install the inner section of the Winch Mounting Bracket to the cross member. Tighten the 4 factory bolts evenly while making sure both angled surfaces are lying down flush at the same time. Tighten securely.

2. Install the outer front section of the Winch Mounting Bracket as shown in **Photo 2**. Tighten only finger tight until directed later.

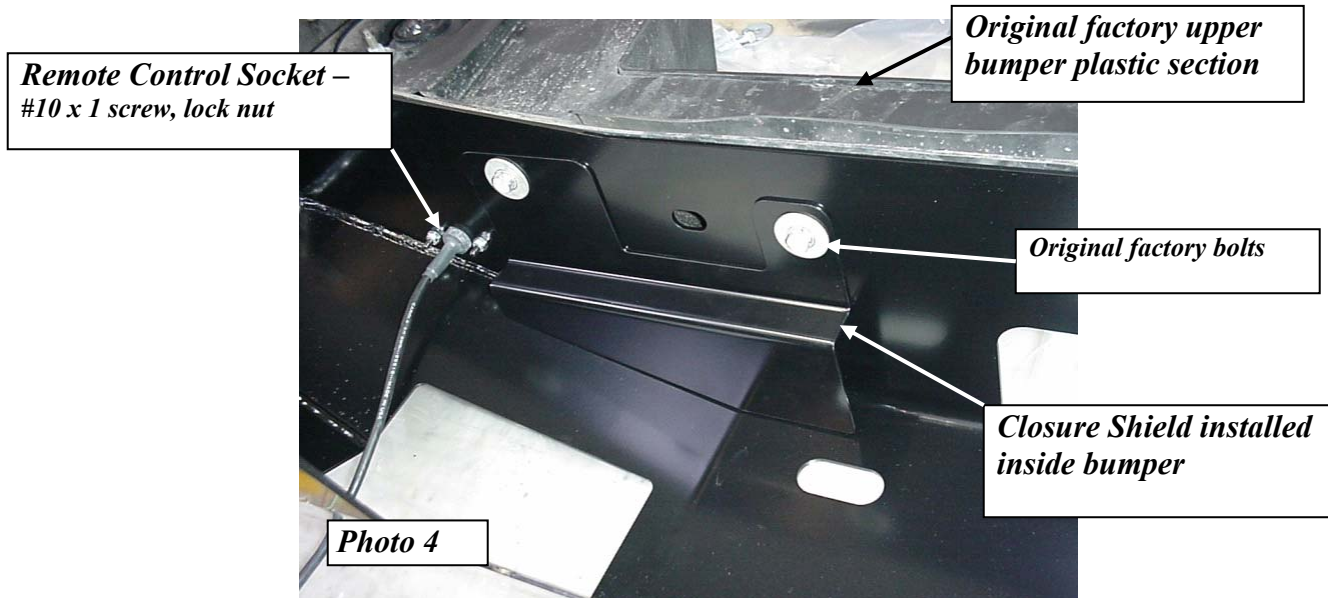


3. Install the fairlead bolts (7/16 x 1-1/4) from the inside out, prior to installing winch.
4. Install the control box onto the RH Frame Extension bracket with the wiring to the rear near the vehicle body. See **Photo 3**. Install the black ground (-) cable and the ground lead from the control box to the bottom of the winch motor before dropping the winch into place. Now install the winch and tighten securely.



5. Make the electrical connections to the winch motor terminals as described in the winch installation instructions. Route the long power cables and the remote control harness along the back edge of the inner Winch Mounting Bracket near the brake line. Near the steering gear, route the long power cables up to the battery vicinity. Tie wrap the cables and harness to the brake line and be sure that they are secured away from sharp edges and moving parts.
6. The Warn Bumper requires some sub assembly work before it is ready for installation. First, go to the original factory bumper and remove the upper plastic section with lights from the main metal section. Install the plastic section onto the Warn Bumper with the original factory fasteners. Refer to **Photo 4**

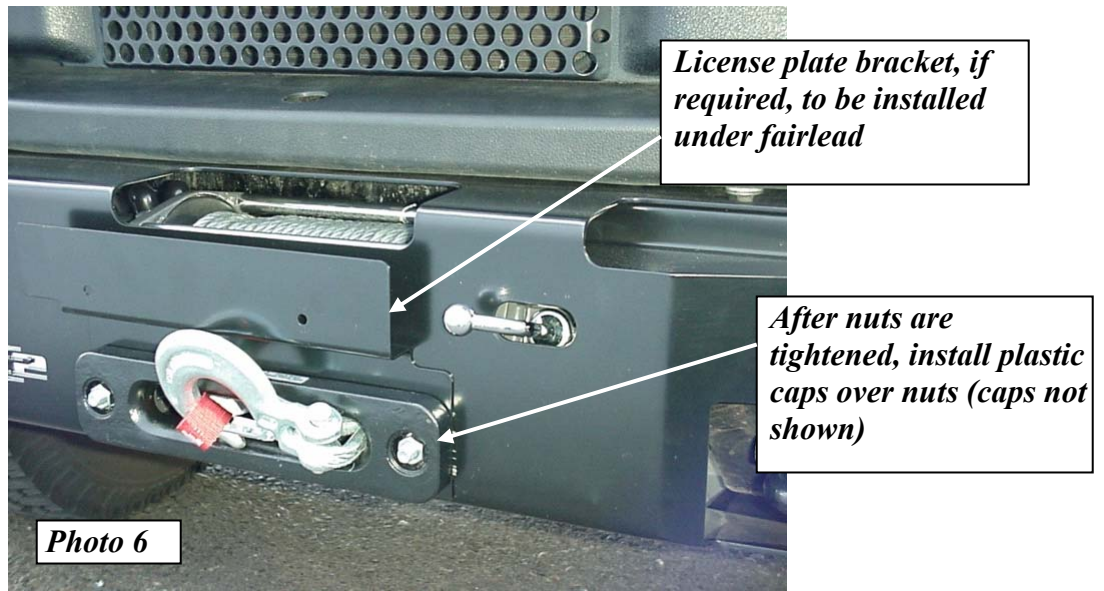
showing the inside view of the bumper. Install the metal Closure Shields as shown, sharing two factory bolts on each side.



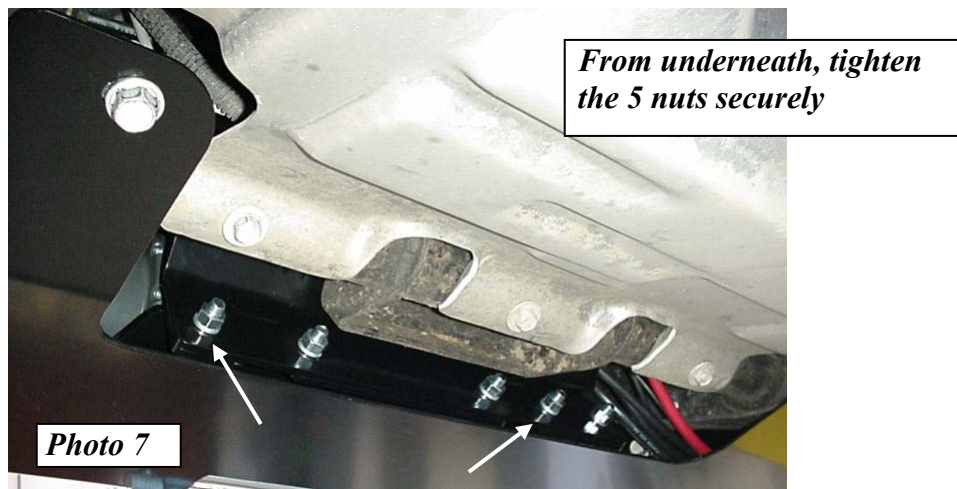
7. Install the Remote Control Socket onto the top of the bumper using the holes provided. The lanyard on the cap should be oriented toward the outboard side so that the slot is visible to the front when the cap is removed.
8. Install the Warn Bumper assembly onto the vehicle. Secure it to the frame using the original bolts and tighten securely.



9. Install the Fairlead over the protruding bolts. If a front license plate is needed, install the bracket provided between the fairlead and the bumper, and then **tighten the fairlead bolts securely**.



10. Now, from underneath the vehicle, **tighten the five nuts on the round head bolts** that connect the two mounting plate sections together.



11. Working through the tow loop area with the tow loops pivoted down for access, **tighten the frame extension tab to mounting plate nuts securely**. Now install the front tow loop fasteners and tighten all six securely.
12. Connect the remote control harness leads together, matching the color-coded wires.
13. Reconnect the fog light sockets. Reinstall the hole plugs and the small plastic grille.
14. Make the electrical power lead connections to the side terminal battery using the special brass fasteners provided. Push out the original factory fastener from the each battery cable and replace with the brass fastener. The winch lead is then connected using the brass hex bolt. The other bolts and nuts furnished are not used in this application.
15. Install hook onto the winch wire rope. Refer to the winch installation instructions and test the clutch operation and the “power in” and “power out” functions.