



# INSTALLATION INSTRUCTIONS FRONT BUMPER

Part Number: 74255

Application: 2007 JEEP JK WRANGLER

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** Read the Winch Operator's Manual and all warning labels before operating.
- 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 metal chips. Flying chips can cause eye injury.
- Always** use extreme caution when cutting and trimming during fitting.
- Always** remove jewelry and wear eye protection.
- Never** lean over battery while making connections.
- Never route electrical cables:**
  - o Across any sharp edges.
  - o Through or near moving parts.
  - o Near parts that become hot.
- Always** insulate and protect all exposed wiring and electrical terminals.
- Always** install terminal boots as directed in installation instructions.
- Always** use appropriate and adequate care in lifting components into place.
- Always** insure components will remain secure during installation and operation.
- Always** tighten all nuts and bolts securely, per the installation instructions..
- Always** replace all worn or damaged parts before operating.
- Never** operate this WARN product with damaged or missing parts.

## **Caution**

### **Moving Parts Entanglement Hazard**

**Failure to observe these instructions could lead to minor or moderate injury.**

- Always** take time to fully read and understand the installation and Operations Guide included with this product.
- Never** operate this product if you are under 16 years of age.
- Never** operate this product when under the influence of drugs, alcohol or medications.

**Read installation and operating instructions thoroughly.**

## **Notice**

### **Equipment Damage**

- Always** refer to the Installation and Specification Guide, supplied in the winch kit, for all wiring schematics and specific details on how to wire this WARN product to your vehicle.

**Read installation and operating instructions thoroughly.**

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## II. PARTS LIST

<u>Part Number</u>	<u>Qty</u>	<u>Description</u>
74568	1	Hardware Kit
74150	1	Front Bumper
74578	2	Light Hole Filler Plate
74715	2	OE Fog Light Bracket
74156	1	LH Frame Bracket
74157	1	RH Frame Bracket

## III. TOOLS REQUIRED

- Standard Socket Set
- Metric Socket Set
- 3/8 Racket
- 3/8 Extension
- Pliers
- Drill Motor
- 1/4" Drill bit

## IV. TORQUE SPECIFICATIONS

1/4"	8 lb. ft. (10.8 N-m)
3/8"	35 lb. ft. (47.5 N-m)
7/16	50 lb. ft. (67.8 N-m)
5/8	125 lb. ft. (169.5 N-m)

## V. INSTALLATION

### 1. Prepare the front of the vehicle

Remove the front splash pan skid plate from vehicle.

Remove the plastic trim panel from the top of the frame in front of the grille.

Unplug the factory fog light wiring if so equipped.


Remove the eight nuts that fasten the bumper to the frame.

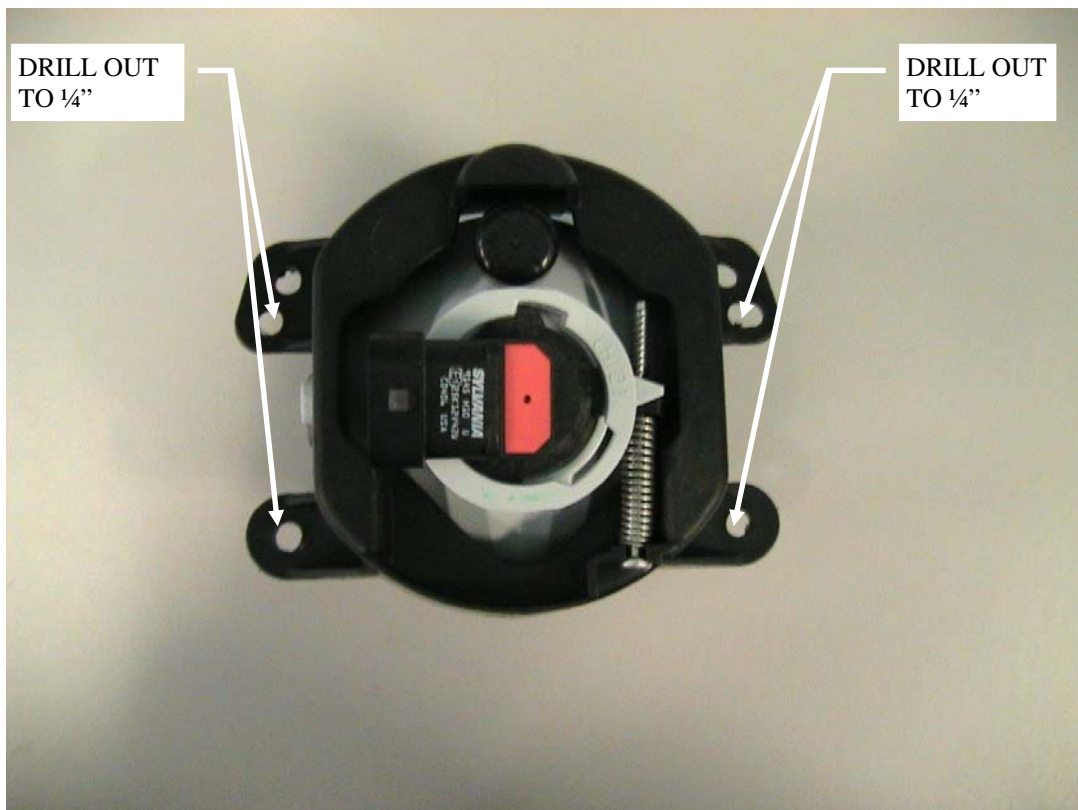
Remove the front bumper from the vehicle.

Disconnect the plastic fog light wire loom fasteners from the frame.

### 2. Prepare Factory Fog Lights (If equipped)

Using a ¼” drill bit and drill motor, carefully drill out the factory mounting holes in the fog light housing. See **Figure 1**.

<b>⚠ WARNING</b>	
	Drilling operations can cause flying chips. <b>WEAR SAFETY GOGGLES.</b> Flying chips can cause eye injury.



**Figure 1: Drill Light Housing**

Mount the fog lights to the brackets as shown in **Figure 2** using the ¼” x 1” bolts, lock washers and nuts. Torque the ¼” hardware.



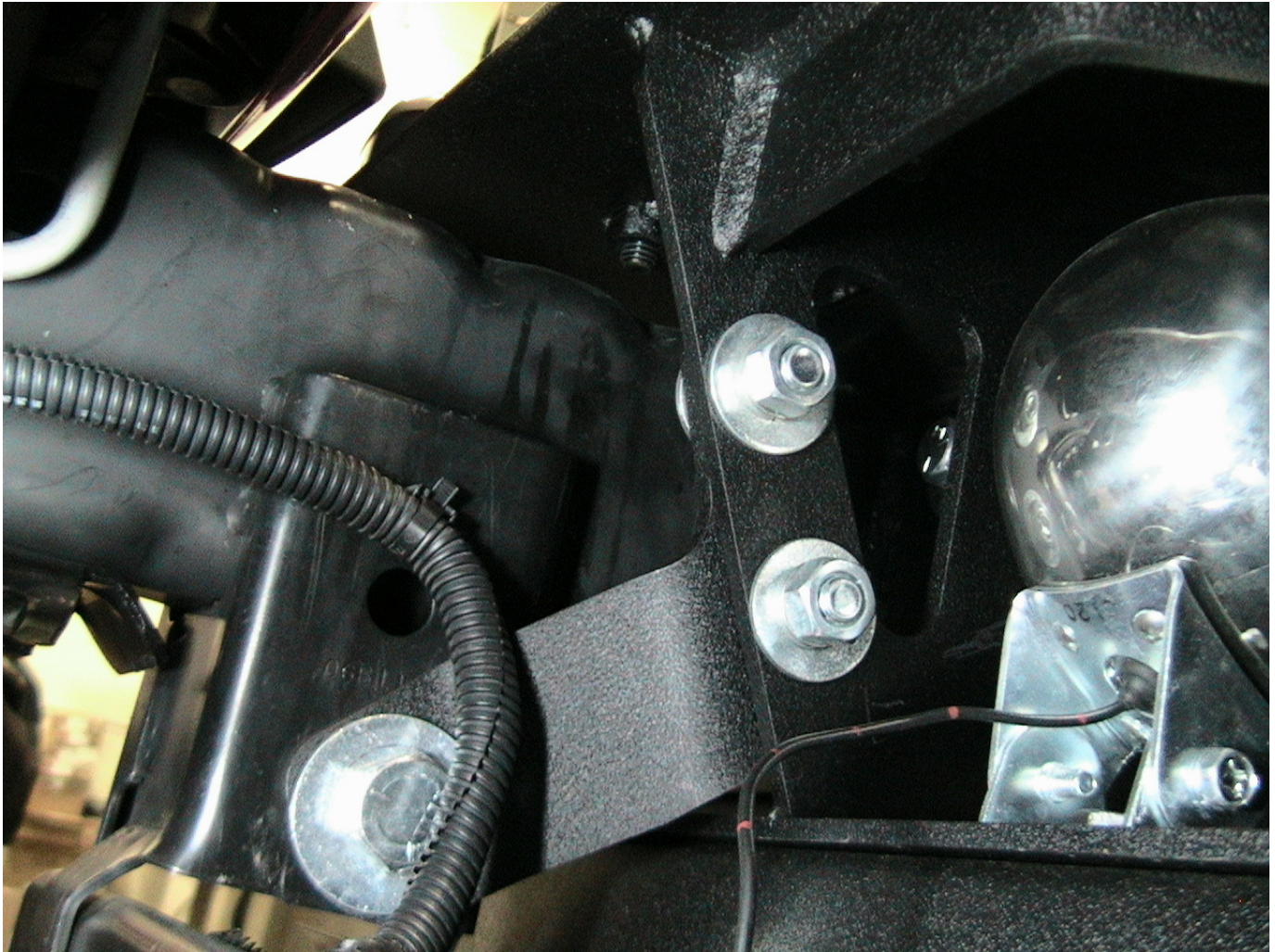
**Figure 2: Light mounted to bracket**

### **3. Install bumper**

Place the factory fog lamps or other lights inside the bumper but do not mount them at this time. You will need to access bolts through the light port holes.

Install a 7/16” x 1-1/4” long bolt, lock washer and flat washer into each of the 8 bumper mounting locations. Once all 8 bolts are installed, tighten them to the previously stated torque spec.

Install the frame support brackets to the lower inside frame hole on each side of the vehicle using the 5/8” x 1-1/2” long bolts, flat washers, lock washers and nuts. **See Figure 3.** Install two 7/16” x 1-1/4” long bolts and flat washers through the support bracket and the bumper holes on each side of the vehicle. Install a flat washer, lock washer and nut onto each bolt and torque all frame support bracket bolts to their proper spec.



**Figure 3: Frame Support Bracket mounting location**

Check all bolts for the proper torque.

If your vehicle was equipped with factory fog lights or you are installing other lights, they may now be mounted to the inside of the bumper using the supplied black 7/16" hardware or the hardware that came with your lights. Attach the Factory fog light wiring back to its original position.

If you are not installing any lights, mount the supplied light port blocker plates to the bumper using the supplied black 7/16" hardware.

Install the front license plate if required.

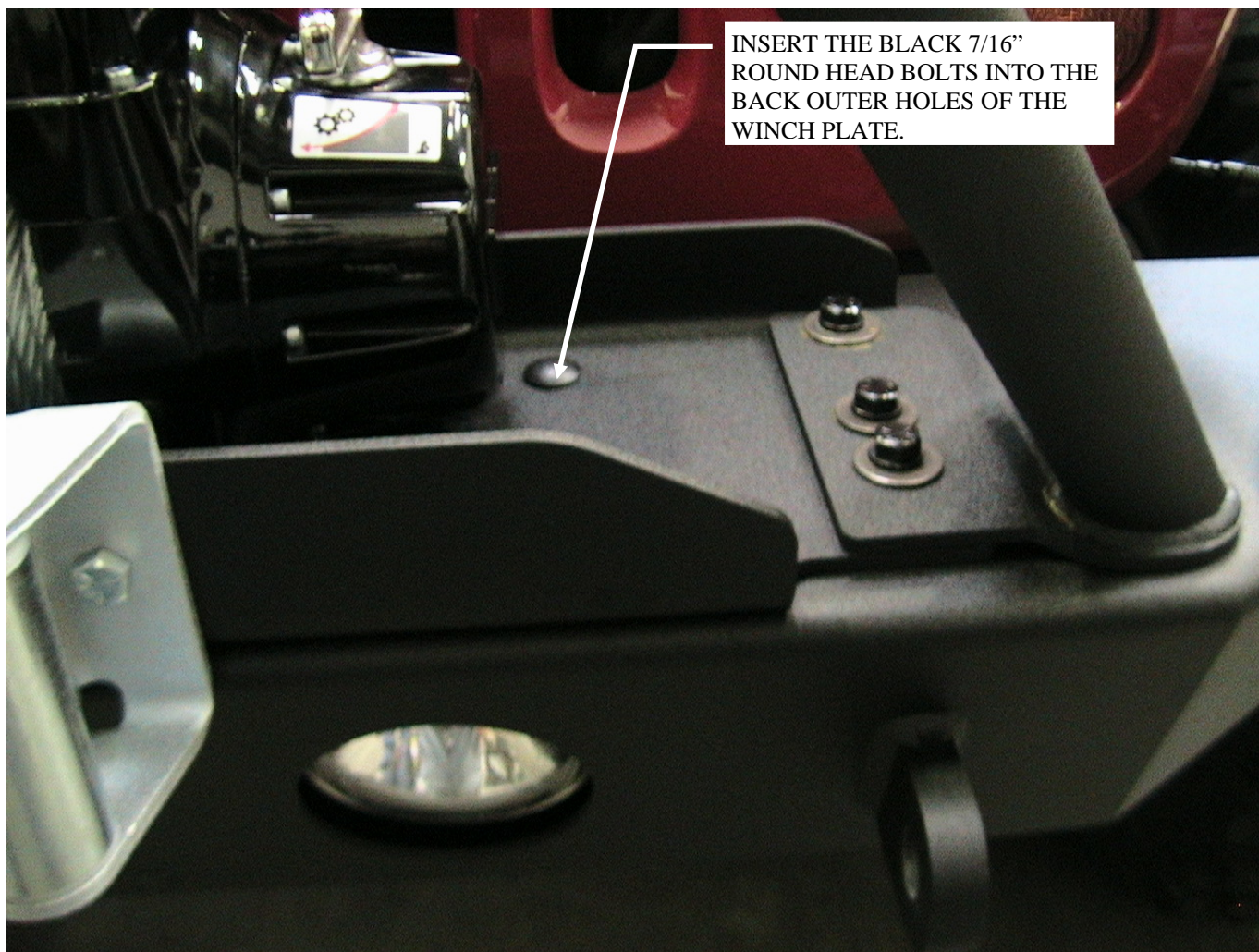
If you are not installing a Warn Winch Plate PN 74950 or 74955, the installation is now complete.

If you are installing a Warn Winch Plate PN 74950 or 74955, place the winch plate onto the top of the bumper.

If you are installing a winch do so now. Make sure to use the longer 3/8" bolts supplied with the winch plate in place of the 3/8" bolts that came with your winch.

Start the four winch mounting bolts by inserting a 3/8" x 1-1/2" bolt and lock washer through the bumper, winch plate and into the winch in each of the four winch mounting locations.

Install the black 7/16" bolts, lock washers and flat washers through the winch plate and into the bumper. Install the two black round head bolts into the outer back holes of the winch plate. Install a lock washer and nut to the bolts inside the bumper. **See Figure 4.**



**Figure 4: Winch Plate bolts locations**

Once all of the winch plate and winch bolts are installed, torque all of the bolts to their proper torque.

If you are installing a winch, complete the winch installation the manual and hardware supplied with the winch.

**⚠ WARNING**

**READ THE VEHICLE'S OPERATOR MANUAL, WINCH OPERATOR MANUAL, AND ALL WARNING LABELS PRIOR TO OPERATION OF VEHICLE AND WINCH.**

**THE WINCH MOUNTING PLATE INSTALLATION IS NOW COMPLETE. PROCEED TO SECTION IV TITLED "MAINTENANCE/CARE".**

** WARNING**

**FAILURE TO SECURELY TIGHTEN ALL BOLTS ON THE WINCH PLATE, WINCH, AND FAIRLEAD CAN RESULT IN PRODUCT FAILURE WHICH MAY RESULT IN VEHICLE DAMAGE AND OPERATOR INJURY OR DEATH. DOUBLE CHECK THAT ALL BOLTS ARE SECURELY TIGHTENED PRIOR TO USE.**

## **VI. 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.
3. Check all cables prior to use. Replace cables that look worn or frayed.
4. Check all moving or rotating parts. Remove debris that may inhibit the part from moving freely.

## **VII. TROUBLE SHOOTING**

** 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.**