

# Winch System Grille Guard

Installation Instructions

**33639 / 33639B**

Ford F-150 '09 - '14

Ford F-150 Raptor '10-'15

(Will not fit F-150 EcoBoost)



**Diagram 1**

**Parts List:**

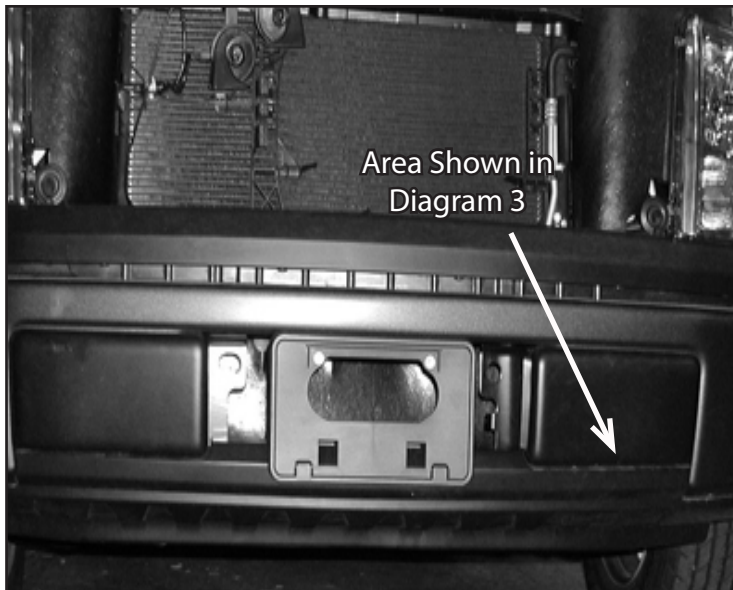
- |                                    |                              |
|------------------------------------|------------------------------|
| 2 - Uprights #33639                | 4 - Neoprene Washers         |
| 1 - Driver Bottom Bracket #33639-7 | 6 - 1/2" x 2" Bolts          |
| 1 - Pass. Bottom Bracket #33639-8  | 14 - 1/2" Lock Washers       |
| 2 - Nut Plates #33639-9            | 8 - 1/2" x 2" Carriage Bolts |
| 2 - 2 1/2" x 32" Cross Tubes       | 8 - 1/2" Nuts                |
| 4 - 3/8" x 1" Buttonhead Bolts     | 14 - 1/2" Flat Washers       |

\*May include extra hardware.

**Note: Completely read instructions before beginning installation!**

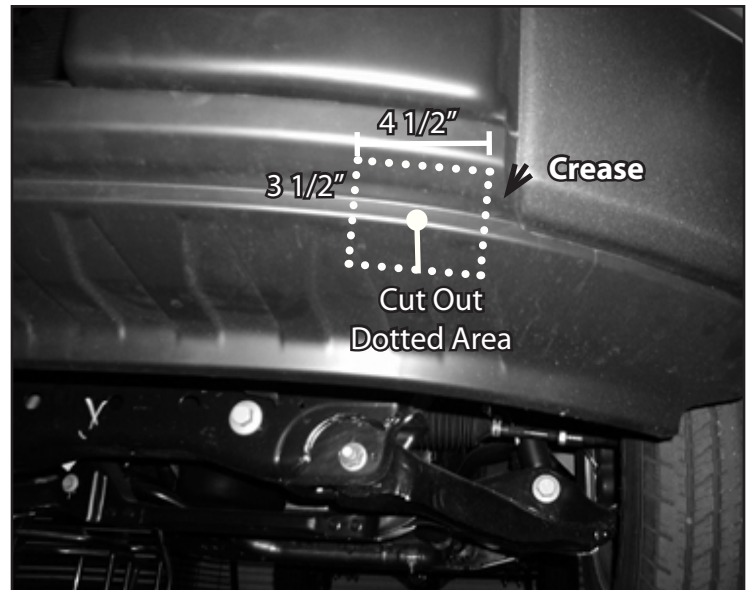
1. Remove the contents from the box and check for missing or damaged parts. If parts are missing or damaged, contact the original place of purchase. Two people are strongly recommended for this install.
2. If vehicle comes equipped with factory tow hooks, they will have to be removed and will not be reused. The mounting brackets are equipped with holes to be used as the tow hooks.
3. If the vehicle does not come equipped with tow hooks, the air dam panels will have to be trimmed as shown in **Diagrams 2 and 3**.

**View of Bumper on Vehicle**



**Diagram 2**

**Driver Side of Vehicle**



**Diagram 3**

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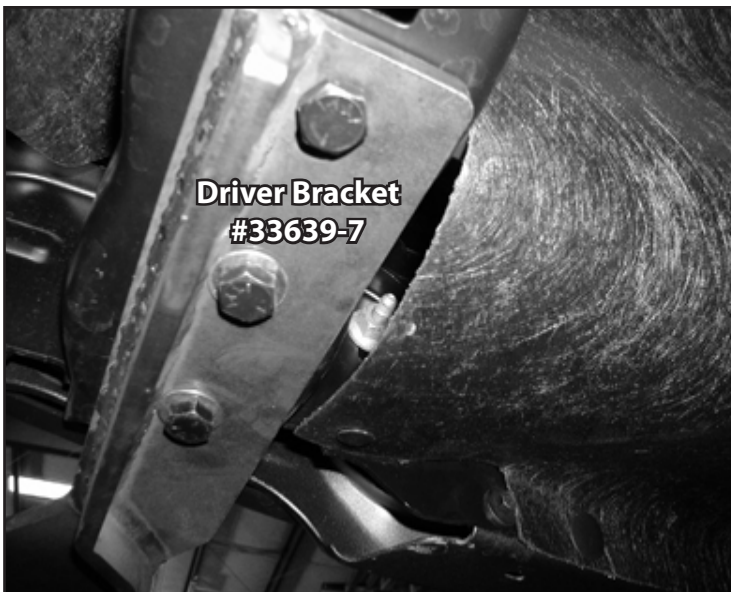
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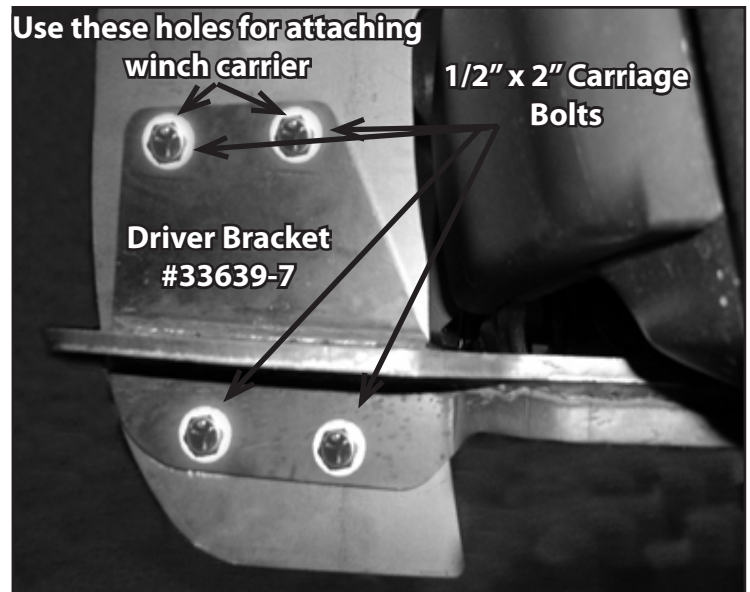
4. Insert (1) Nut Plate #33639-9 into the frame and align the (3) holes with the (3) frame holes. Using **Diagram 3**, place the Driver Bracket #33639-7 onto the bottom of the vehicle frame. Place (1) 1/2" lock washer, (1) 1/2" flat washer onto (1) 1/2" x 2" bolt, and put through the Driver Bracket #33639-7 threading into each hole on Nut Plate #33639-9. Hand tighten all bolts at this time and repeat the above procedure to install the Passenger Bracket #33639-8.
5. Using two people, align the holes in the uprights to the brackets bolted to the frame. Attach the uprights to the brackets using (1) 1/2" x 2" carriage bolt, (1) 1/2" flat washers (1) 1/2" lock washer and (1) 1/2" nut per hole in upright as shown in **Diagram 5**. Hand tighten all bolts at this time.
6. If a winch carrier is being used, install it at this time. It will install using the (2) upper Carriage bolts attaching the brackets to the uprights, shown in **Diagram 5**.
7. Install the cross tubes with (4) 3/8" x 1" buttonhead bolts and (4) neoprene washers. Place the (4) neoprene washers in between the cross tubes to protect from damage and hand tighten.
8. First, tighten the brackets to the uprights. Tighten the cross tubes second and tighten the frame bolts last making sure the Winch System Grille Guard remains centered on truck.

**View of Driver Bracket #33639-7**



**Diagram 4**

**View of Bracket to Upright**



**Diagram 5**