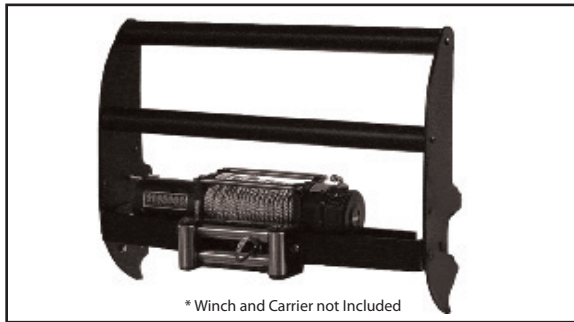


# Winch System Grille Guard

Installation Instructions

## 33665 / 33665B

Dodge Ram 4500/5500 Chassis Cab  
 '07-'17



**Diagram 1**

**Parts List:**

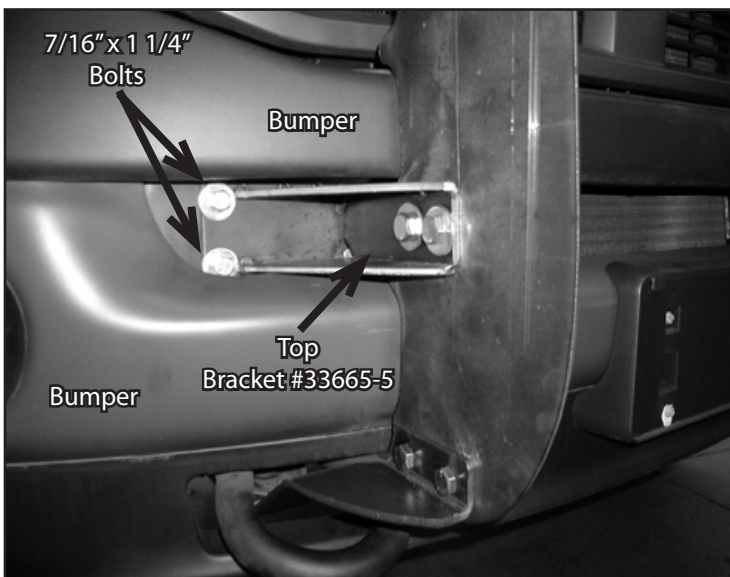
- |                                     |                                    |
|-------------------------------------|------------------------------------|
| 2 - Uprights                        | 16 - 1/2" Flat Washers             |
| 2 - Cross Tubes                     | 8 - 1/2" Lock Washers              |
| 2 - Top Brackets #33665-5           | 8 - 1/2" Nuts                      |
| 1 - Driver Bottom Brackets #33665-7 | 8 - 7/16" x 1" Bolts               |
| 1 - Pass. Bottom Bracket #33665-8   | 16 - 7/16" Flat Washers            |
| 4 - 5/8" x 2" Bolts                 | 8 - 7/16" Lock Nuts                |
| 4 - 5/8" Flat Washers               | 4 - 3/8" x 1 1/2" Buttonhead Bolts |
| 4 - 5/8" Lock Washers               | 4 - Plastic Washers                |
| 4 - 5/8" Nuts                       |                                    |
| 8 - 1/2" x 1 1/2" Bolts             |                                    |

**\*May include extra hardware.**

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

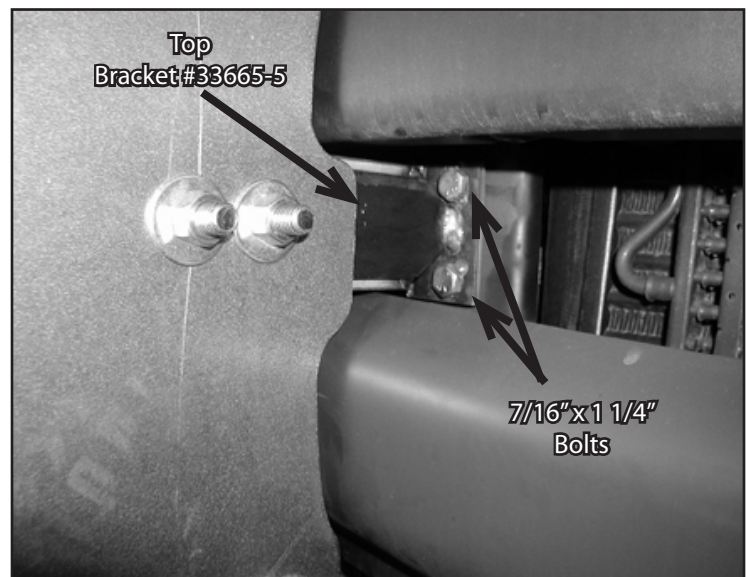
1. Remove the contents from the box and check for missing pieces or damage. If parts are missing or damaged, contact the original place of purchase.
2. Using **Diagram 2**, locate the top brackets #46665-5. Place bracket into the opening in the bumper. Align the bracket with the 4 holes and place (1) 7/16" flat washer onto (8) 7/16" x 1" bolts and place into the bracket holes. The bolts will go through the bracket and the bumper. Place (1) 7/16" flat washer and (1) 7/16" nylon nut onto each bolt. Hand tighten at this time.

#### **Top Bracket #33665-5 installed on Passenger side**



**Diagram 2**

#### **Passenger Side Inside View of Bracket #33665-5**



**Diagram 3**

## Winch System Grille Guard

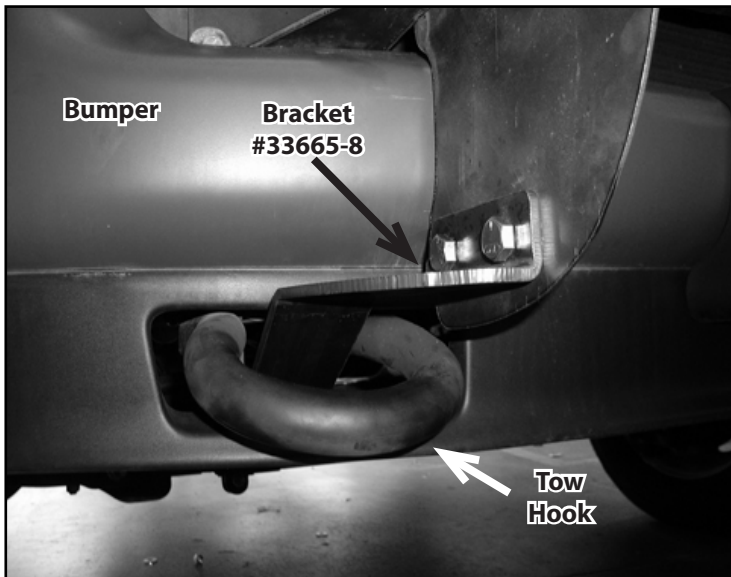
Installation Instructions

**33665 / 33665B**

Dodge Ram 4500/5500 Chassis Cab  
'07-'17

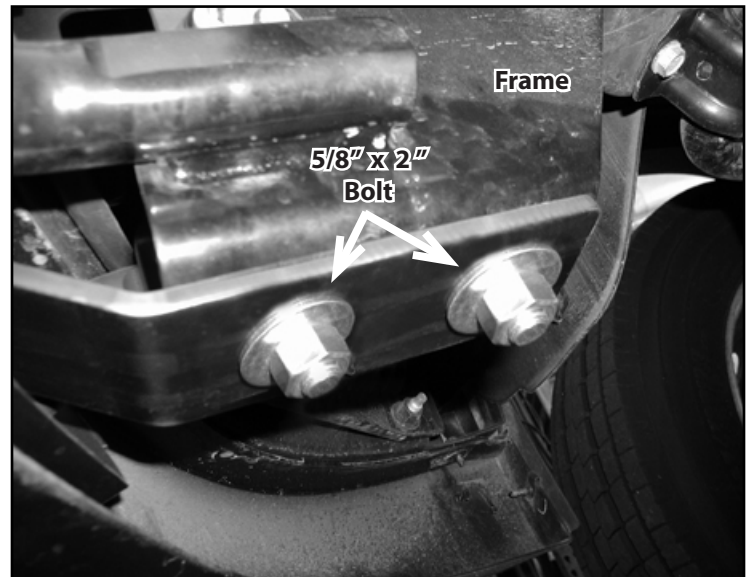
- Using **Diagram 4** and **Diagram 5**, locate the driver bottom bracket #33665-7. Place bracket into the tow hook opening to the frame. Align the holes on the bracket with the holes in the bottom of the frame. Insert (2) 5/8" x 2" bolts through the bracket and frame. Place (1) 5/8" flat washer, (1) 5/8" lock washer and (1) 5/8" nut onto bolt. Hand tighten at this time. Repeat the above procedure for the passenger bottom bracket #33665-8.
- Using two people place the uprights up to the brackets. Place (1) 1/2" flat washer onto (8) 1/2" x 1 1/2" bolts. Place the bolts with washers through the uprights and brackets. Place (1) 1/2" flat washer, (1) 1/2" lock washer and (1) 1/2" nut onto each of the bolts. Hand tighten at this time.
- Install the cross tubes with (4) 3/8" x 1" buttonhead bolts and (4) Plastic Washers. Place the (4) plastic washers in between the cross tubes to protect from damage and hand tighten.
- If installing a Winch carrier refer to carrier instructions for installation.
- 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.

**Passenger Side View of Bottom Bracket #33665-8**



**Diagram 4**

**View of Frame behind the Bumper**



**Diagram 5**