

- This document shows how to install your new Truck Guard onto your truck.
- Ensure that you have completely read and understand document **S017 - Safety** before beginning this installation procedure.

I. Removing the OEM Front Bumper

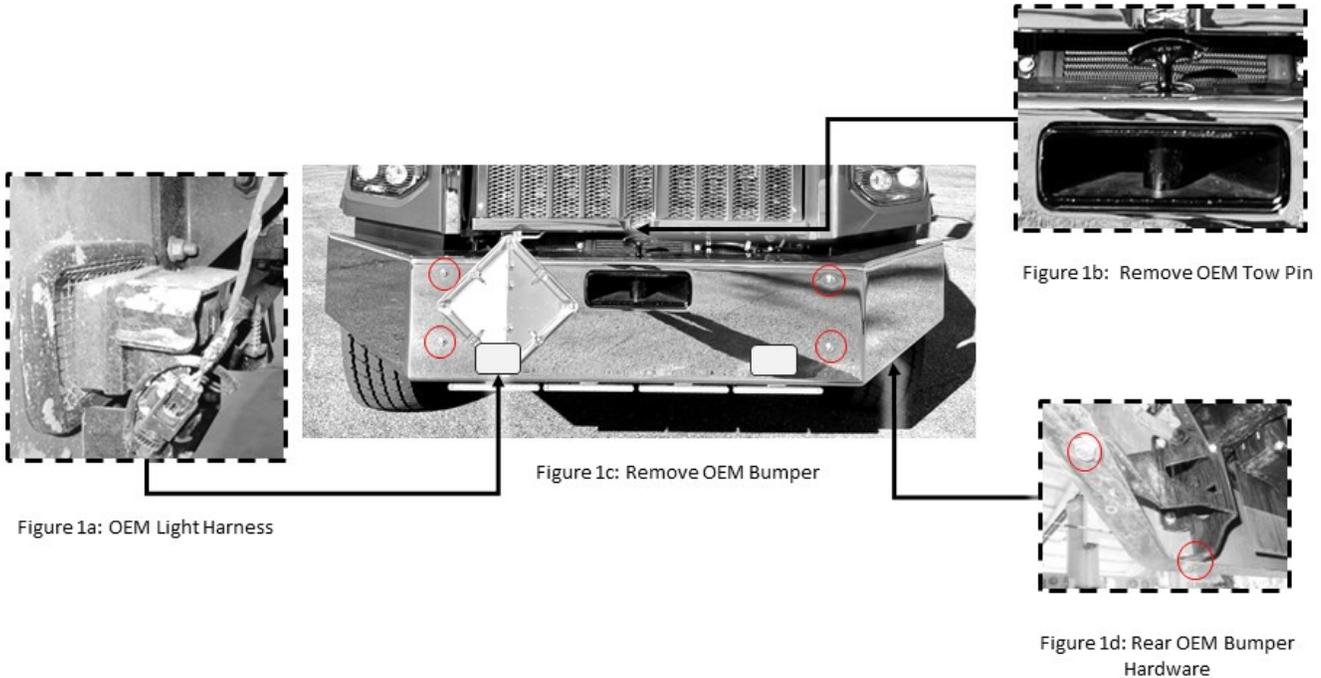


Figure 1: Removing the OEM Front Bumper (Your Truck may not be exactly as shown)

1. Unplug the OEM Light's Wiring Harness as shown in Figure 1a.
2. Remove the OEM Tow Pin from the front OEM Center Tow Crossmember as shown in Figure 1b.
3. Remove the OEM Front Bumper by removing the circled bolts. Generally, there will be four bolts at the front and depending on the truck there may be four bolts behind of the bumper; see Figures 1c and 1d.

II Installing the HERD Submounts and Truck Guard on a truck

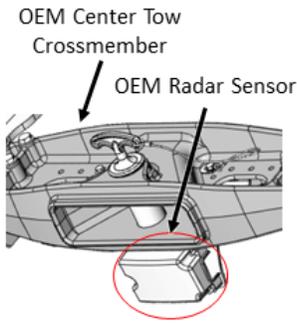


Figure 2a:
OEM Radar



Figure 2b:
OEM Harness Bracket
(Viewed from Top)

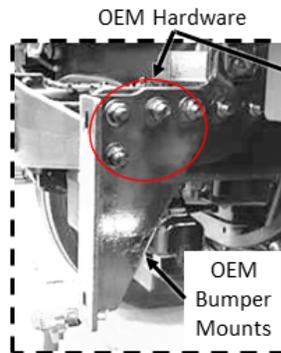


Figure 2c:
OEM Bumper Mount
(DS Shown)

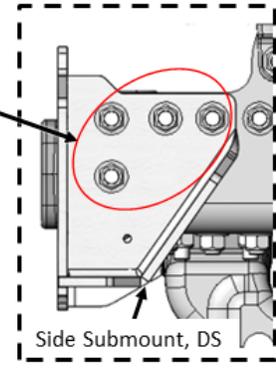


Figure 2d:
HERD Side Submount
(DS Shown)

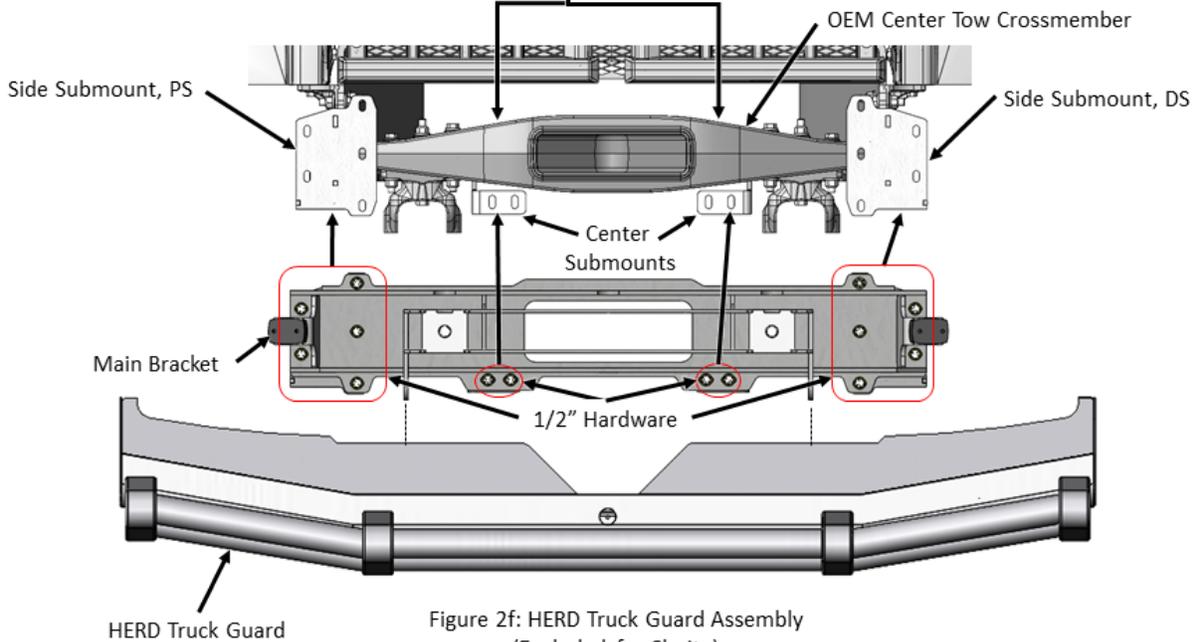


Figure 2f: HERD Truck Guard Assembly
(Exploded for Clarity)

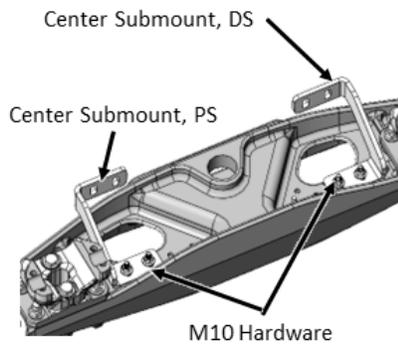


Figure 2e: Center Submounts
(Viewed from Below)

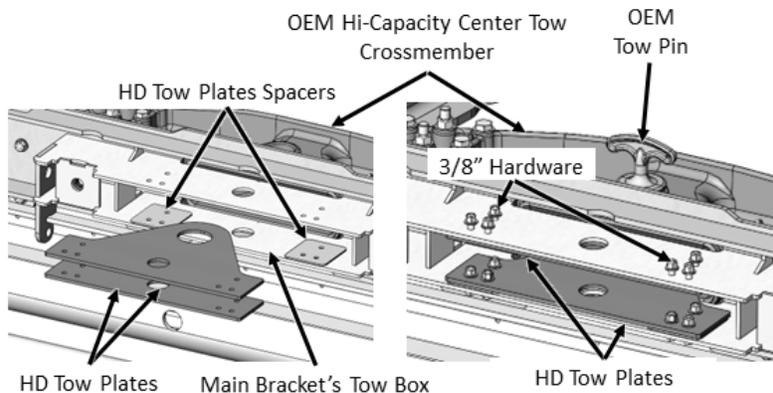


Figure 2g: HD Tow Plates

Figure 2h: OEM Tow Pin

Figure 2: HERD Submounts and Truck Guard Installation on a Truck

1. Check if your truck is equipped with an OEM Radar Sensor or Collision Avoidance System (CAS) as shown in Figure 2a. This Truck Guard is NOT COMPATIBLE with trucks equipped with CAS.
2. Temporarily remove the OEM Harness Bracket from the upper rear of OEM Center Tow Crossmember as shown in Figure 2b.
3. Remove the OEM Bumper Mounts as shown in Figure 2c.
4. Install the HERD Side Submount using the OEM Hardware; see Figure 2d. Fully tighten the OEM Hardware. Do this one side at a time. Repeat this step on the other side of the truck.
5. Re-install the OEM Harness Bracket to the upper rear of OEM Center Tow Crossmember as shown in Figure 2b and install the Center Submounts at the bottom of OEM Center Tow Crossmember as shown in Figures 2e and 2f. Use the provided M10 Hardware to fasten loosely.
6. Lift the Main Bracket and Truck Guard (opened) assembly and mount it to the truck's Crossmember; see Figure 2f. Fasten the Main Bracket to the HERD Side and Center Submounts using the provided 1/2" Hardware as shown in Figure 2f. **Torque the 1/2" Hardware to 96 ft-lb.**
7. Once the Main Bracket is secured, install the HD Tow Plates in between the Main Bracket's Tow Box, use the HD Tow Plate Spacers as necessary as shown in Figure 2g. Fasten these using 3/8" Hardware then install the OEM Tow Pin; see Figure 2h. **Torque the 3/8" Hardware to 39 ft-lb.**
8. Close the bumper and install the Herd Tow Pin into the HERD Truck Guard.

III. Installing the OEM Fog Light and HERD Light Bracket

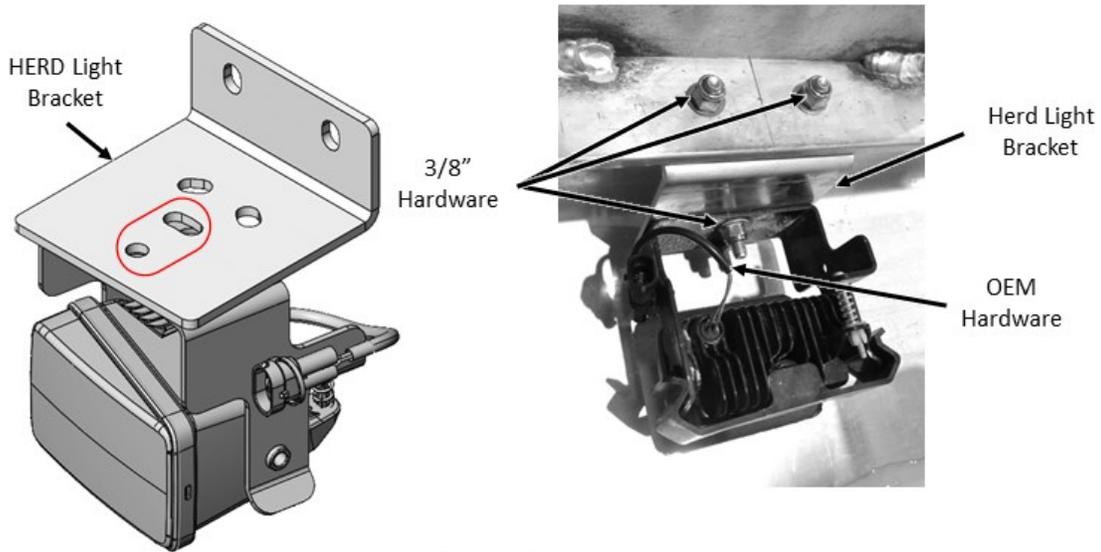


Figure 3a:
OEM Fog Lights and HERD Light Bracket
on an SFA Truck (DS Shown)

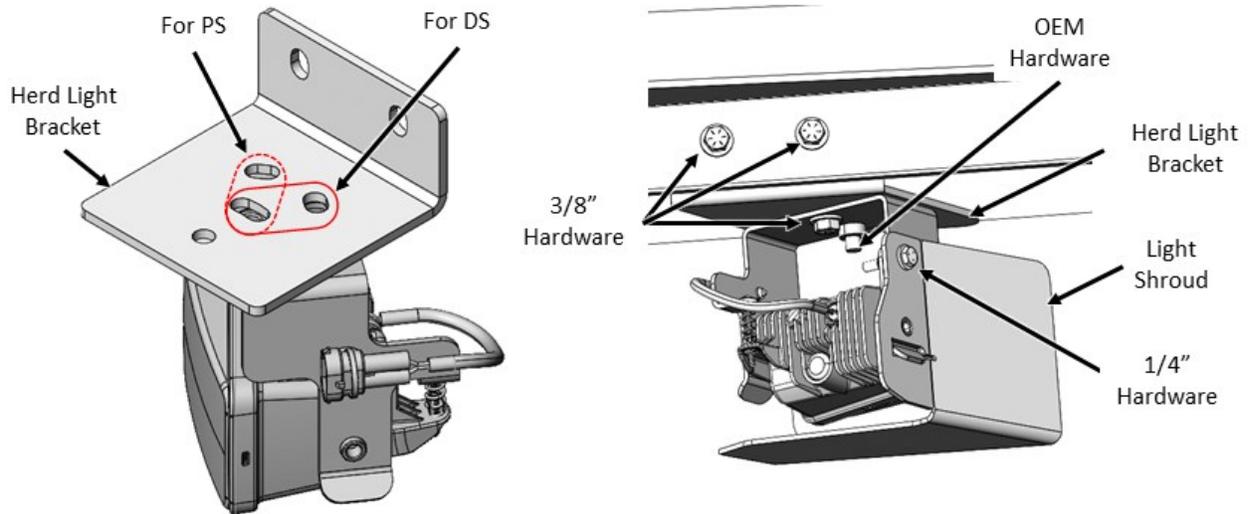


Figure 3b:
OEM Fog Lights and HERD Light Bracket
on an SBA Truck (DS Shown)

Figure 3: OEM Light Installation (Your Truck may not be exactly as shown)

1. For a Set Forward Axle (SFA) Truck if equipped with OEM Fog Lights, use the OEM Light's hardware, provided HERD Light Bracket and 3/8" Hardware to install the OEM Fog Lights to the Herd Truck Guard. Use the Herd Light Bracket's front set of mounting holes as shown in Figure 3a. **Torque the 3/8" Hardware to 39 ft-lb.**
2. For a Set Back Axle (SBA) Truck if equipped with OEM Fog Lights, use the OEM Lights hardware, provided HERD Light Bracket, Light Shroud, 3/8" and 1/4" Hardware to install the OEM lights to the Herd Truck Guard. Use the HERD Light Bracket's rear set of mounting holes; see Figure 3b. Fully tighten the 1/4" Hardware and **Torque the 3/8" Hardware to 39 ft-lb.**
3. Repeat Steps 1 or 2 on the other side of the truck.
4. Plug the OEM Fog Light Harness into each Fog Light and ensure they function normally. Secure loose wiring with cable ties.

Important: Check mounting points' hardware after the first 5000 km and every 3-6 months. Re-torque if necessary.