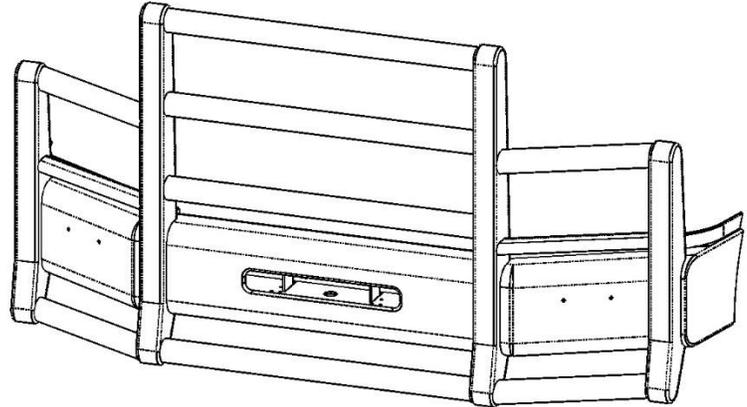


SKU #	Truck Model
FL34A2, FL34A4, FL34D2, FL34D4,FL34DFLT2, FL34RT, FL34SRT	Freightliner M2 112

Thank you for choosing HERD!

For assistance call
1-888-543-4373
www.HERD.com



Important

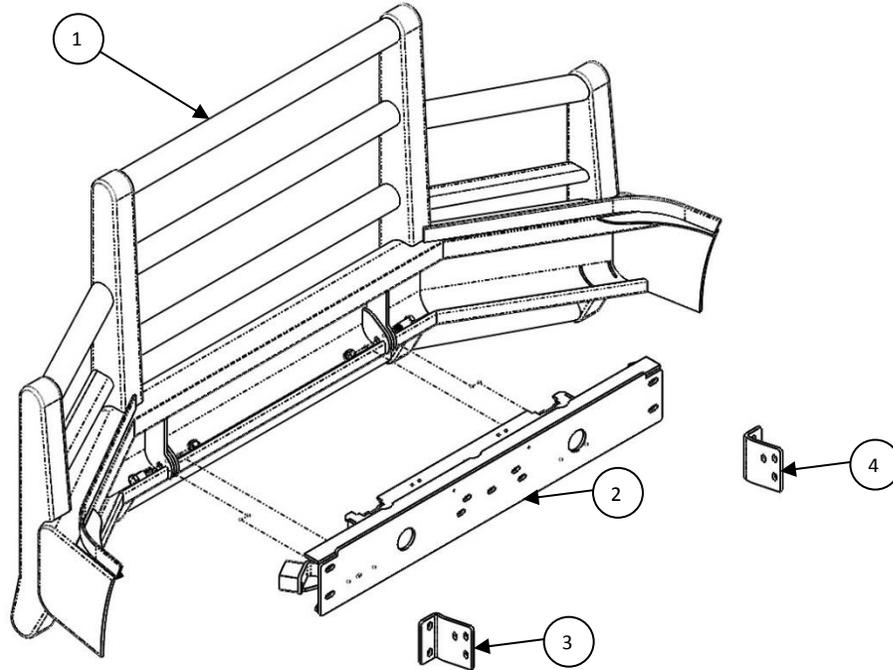
- Herd Bumpers are vehicle "Make & Model" specific. Use of a bumper on a vehicle other than the model it was designed for will constitute improper use of the product and will void the HERD product warranty.
- Unless otherwise specified, Grade 8 or Class 10.9 hardware is to be used. For the purposes of these instructions, OE hardware means the truck's original factory hardware.
- For further detail of warranty coverage and warranty repair information visit www.HERD.com.

General Safety

- Take time to fully read the instructions before installing the Herd bumper.
- At all times exercise safe work shop practices, wear steel toe boots and safety glasses during installation.
- Parts and components of the Herd bumper can be heavy, handle with care to avoid injuries.
- Respect power tools and use them as advertised.

HERD North America
Inc.
2168 Springfield Road
Box 28, Group 525, RR5

Parts and tools referenced in this instruction



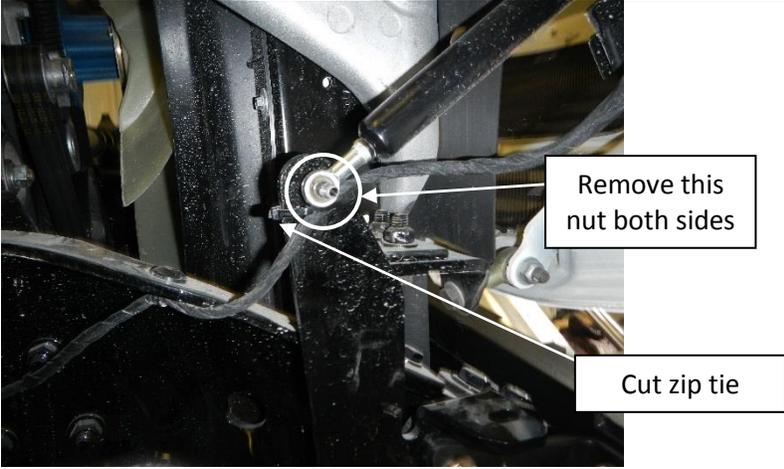
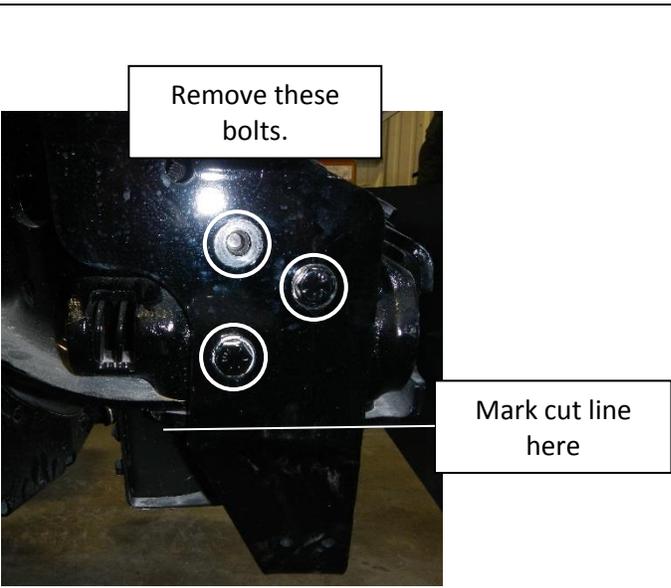
Parts and hardware included

Item No	Description	Qty
1	Bumper	1
2	Driver side sub-mount	1
3	Passenger side sub-mount	1
4	HERD Bracket	1
NA	½"-13 UNC x 1-½" Gr.8 hex bolt	5
NA	½"-13 UNC x 1-¼" Gr.8 hex bolt	6
NA	½" flat washer	11
NA	⅝"-11 UNC x 2" Gr.8 hex bolt	4
NA	⅝"-11 UNC Nyloc hex nut	4
NA	⅝" flat washer	8
NA	¾"-10 UNC hinge bolt	2
NA	¾"-10 UNC Nyloc hex nut	2

Tools Required

Tool	Specification
Socket	1- ¹ / ₁₆ "
Socket	¹⁵ / ₁₆ "
Socket	¾" or 19 mm
Socket	½"
Wrench	1- ¹ / ₈ "
Wrench	½"
Wrench	¹⁵ / ₁₆ "
Wrench	¾" or 19 mm
Metal cutting device	saw, grinder, plasma, oxy/acetylene torch

Installation Procedure

<p>1. Remove OEM bumper.</p>	
<p>2. Open hood all the way.</p>	
<p>3. Remove hood strut nut ($\frac{1}{2}$" wrench) on both sides. Cut the zip tie holding the wiring harness to the mount (both sides).</p>	 <p>Figure 1 – Hood strut mount (passenger side shown).</p>
<p>4. Mark the strut/bumper mounts (both sides) at the bottom of the cross member for cutting in the next step. Remove OEM bolts from the strut/bumper mounts on both sides ($\frac{3}{4}$" socket) and remove mounts. Cut mounts on the cut lines that were marked.</p>	 <p>Figure 2 – OEM strut/bumper mount (passenger side shown).</p>
<p>5. Cut brackets off on marked line. (Fig.2)</p>	

Installation Procedure

6. Remove HERD bracket from the bumper assembly (1-1/16" socket and 1-1/8" wrench). Install HERD bracket on front of truck as shown using 1/2"-13 UNC x 1-1/2" Gr.8 hex bolts and 1/2" flat washers (3/4" or 19 mm socket). Level and center the bracket on the truck. Torque bolts to 90 lb-ft.

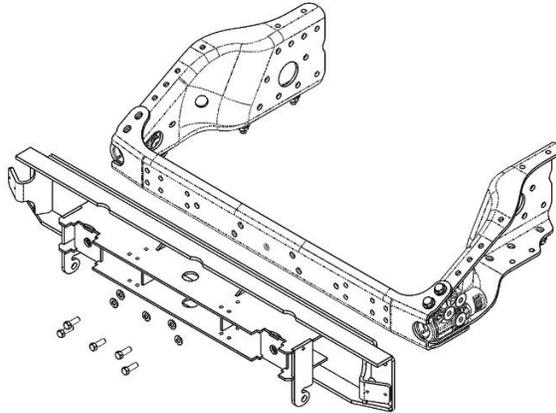


Figure 3 – HERD bracket installation shown.

7. Install Herd submounts (Items 2 and 3) onto truck frame and HERD bracket, ensure OEM strut/bumper mounts are installed in their original locations. Install bolts and tighten to torques shown.

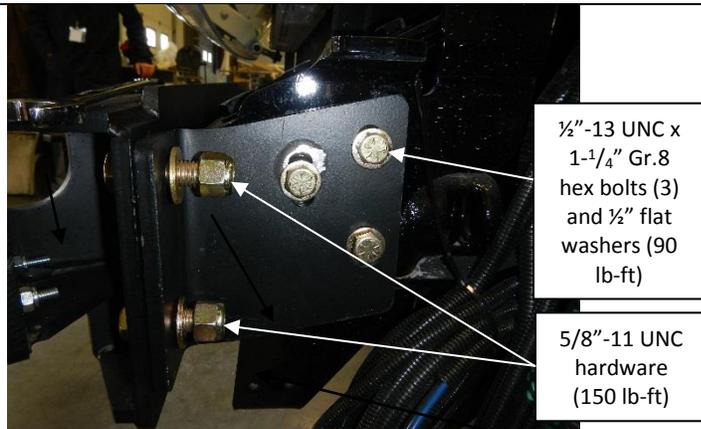


Figure 5 – Herd submounts installed (Driver side shown).

8. Install HERD bumper onto the HERD bracket. If the bumper is a Defender product follow the arrows in Fig.6 to lock the channel into the steel hinge. Then install the hinge bolts with the nuts to the center of the bumper (90 lb-ft).

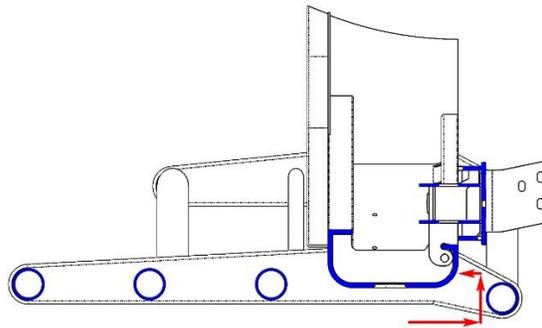
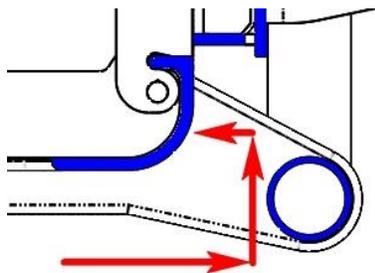


Figure 6 HERD Defender Installation



Installation Procedure

9. Close the bumper and check the fitment. Bumper position can be adjusted side to side and up / down as required by loosening the fasteners and adjusting. When adjustment is complete, torque all bolts to specified torques.



Important

- Check mounting points after the first 5000 km and every 3-6 month.
- This bumper is equipped with Herd Slam Latch which requires periodic adjustment. Refer to Slam Latch Installation adjustment instructions (S001) to properly adjust your slam Latch.