



135

RECEIVER HITCH

Ford Flex

2009 & Up

INSTALLATION INSTRUCTIONS

1. **Check** all parts. **Read and understand** instructions completely before beginning installation. Clean the under side of the frame. Clean out the weld nuts in the frame.

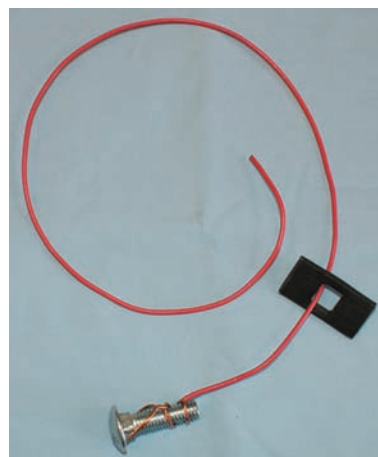
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|----------------------------------|------------------------------|---|
| 1) Center Section | 2) 1/2" - 13 Hex Nuts | 2) 1/4" x 1" x 2 1/16" Sq. Hole Spacers |
| 2) Hitch Hangers | 6) 1/2" HD Flatwasher | 6) 14mm - 2.00 x 40mm Hex Bolts |
| 2) 1/2" - 13 x 2" Carriage Bolts | 4) 12mm - 1.75 x 40 mm Bolts | 6) 14mm Lockwashers |
| 2) 1/2" Lockwashers | 4) 12mm Lockwashers | 6) 14mm - 2.00 Hex Nuts |

2. **Remove** the 12mm - 1.75 bolts that hold the muffler bracket(s) at the rear of the frame.

3. **To make** it easier to move the muffler(s) out of the way, you may want to slip the next exhaust hanger towards to front of the vehicle off also, just in front of the rear suspension.

4. **Setup a fishwire** as shown in the picture with a square hole spacer and 1/2" carriage bolt.

5. **Now run** the fishwire from the rear most access hole on the bottom of the frame rail to the existing round hole about 8 inches in front of the 12mm weld nut. Slip the square hole spacer into the access hole, then the 1/2" carriage bolt. Pull and jiggle the square hole spacer and carriage bolt through the round hole.



6. **Slip the** hanger over the fishwire and the 1/2" carriage bolt. Temporarily put a 12mm - 1.75 bolt in the middle hole of the hanger. Now that the hanger is supported, put the 1/2" heavy duty flat washer, lock washer, and 1/2" - 13 hex nut on the carriage bolt. Run the nut up snug. Remove the 12mm bolt from the middle hole.



The manufacturer warrants this product to be free of defects in material or workmanship at the time of retail purchase by the original purchaser. If the product is found to be defective, the manufacturer may repair or replace the product, at its option, when product is returned, prepaid, with proof of purchase to the manufacturer. Alteration to, misuse of, or improper installation of product voids this warranty. Manufacturer's liability is limited to repair or replacement of products found to be defective, and specifically excludes liability for incidental or consequential loss or damage.

Quality S Manufacturing, Inc., Phoenix, AZ

**Do not exceed vehicle
manufacturer's recommended towing capacity**

7. **Hold** a 12mm - 1.75 x 40 bolt, 12mm lock washer, and 1/2" HD flat washer in a 18mm socket on a 10" or 12" extension. Slip the bolt through the exhaust bracket then into the middle hole in the hanger and thread into the weld nut. Do the same with the rearward most hole.

8. **Do the** other side the same way. Leave the bolts loose.



9. **Slip the** center section in between the two hangers. Secure the center section with six 14mm - 2.00 x 40mm bolts, 14mm lock washers, and 14mm - 2.00 hex nuts. Where the muffler may interfere with the bolt, put the forward top bolt threads out.

10. **Snug** all bolts. Start with the 14mm bolts, then the 12mm bolts and the 1/2" nuts.

11. **Torque** all the bolts. Start with the 12mm bolts at 65 ft/lbs , 1/2" nuts to 75 ft/lbs., and the 14mm bolts at 100 ft/lbs.



GROSS LOAD		
HITCH TYPE	MAX TRL WT (LB)	MAX TONGUE WT (LB)
WEIGHT CARRYING	5,000	500