# 3" ROUND TUBE

## Components:
- Step Bar - Driver Side Qty 1
- Step Bar - Passenger Side Qty 1
- Front Bracket - Driver Side Qty 1
- Front Bracket - Passenger Side Qty 1
- Rear Bracket - Driver and Passenger Side Qty 2
- Front Support Brace Qty 2

## Hardware:
- M12 Bolt + M10 Nut Plate Qty 4
- M12 Lock Washer Qty 5
- M12 Hex Head Nut Qty 3
- M12 Plastic Push Nut Qty 4
- M12 Flat Washer Qty 3
- M10 Flat Washer Qty 6
- M10 Lock Washer Qty 6
- M10 Hex Head Nut Qty 2
- M8 x 30MM Hex Head Bolt Qty 4
- M8 Flat Washer Qty 4
- M8 Lock Washer Qty 4
- M10 x 35MM Hex Head Bolt Qty 4
- M10 Lock Washer Qty 6
- M10 Hex Head Nut Qty 2
- M14 x 60MM Hex Head Bolt Qty 4
- M14 Lock Washer Qty 4
- M14 Flat Washer Qty 4
- M10 Plastic Push Nut Qty 2
- M10 Lock Washer Qty 1
- M10 Fish Wire Qty 1

## Tools Required:
- Ratchet
- Torque Wrench
- 22mm Socket
- 21mm Socket
- 19mm Socket
- 18mm Socket
- 17mm Socket
- 14mm Socket

## Torque Specifications:
For Cab Mount Installations
Cab Mount Bolts are torqued to 70 Ft Lbs. All other M8 through M12 sized bolts/nuts are set to 15-20 ft lbs.

### Note: When installing the brackets and bars, all hardware must be left loose until all the items are attached.

1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.

2. Staring at the passenger side-front of the vehicle, remove the tape covering the factory oval holes in the inner body panel located by the front tire.
3. Select (1) 10mm Bolt Plate and partially thread a Plastic Retainer onto it, (fig 1A). Insert the Bolt Plate into the oval hole, (fig 1B). Once the Bolt Plate is inserted, hold the bolt end with one hand and tighten the Plastic Retainer with your other hand until it is tight against the body panel. **IMPORTANT:** The Plastic Retainer is designed to prevent the Bolt Plate from falling into the body cavity and to aid in installing the Mounting Bracket. For Mid-year 2015 models, it will be necessary to use the 10mm fish wire to install the Bolt Plate. Insert fish wire into small slot and fish it until thread end is present at large slot (Figure 2A). Pull this end out slightly and thread 10mm bolt plate onto end of fish wire. Carefully feed bolt plate into rocket panel by pulling on opposite end of fish wire. Align 10mm bolt in slot and remove fish wire. Thread the 10mm Plastic Retainer down the bolt plate until it is flush against the sheet metal (Figure 2C).

4. Next, partially thread a Plastic Retainer onto the threaded end of a 12mm Bolt/10mm Nut Plate, (Figure 1C). Insert the Bolt and Nut Plate with Plastic Retainer into the factory oval hole (Figure 1B).

**Fig 1A**

**Fig 1B**

**Fig 1C**

**Fig 2A**

**Fig 2B**

**Fig 2C**

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**Note:** 8mm factory threaded holes on Mid-Year 2015 models.

Thread fish wire from small slot into large slot. Driver side shown.

Thread 10mm bolt plate onto fish wire. Be careful not to pull other end of fish wire from rocker panel slot.

Align 10mm bolt in slot. Driver side shown.
5. Select the passenger side front Mounting Bracket. Position the Mounting Bracket onto the (2) Bolt Plate. Secure the bracket to the Bolt Plate with (1) 12mm Flat Washer, (1) 12mm Lock Washer, (1) 12mm Hex Nut and (1) 10mm flat washer, (1) 10mm lock washer & 10mm Hex Nut (Figure 3). Do not tighten at this time. Rotate the Bolt and Nut Plate until the threaded Nuts end lines up with the remaining hole in the Mounting Bracket and body. Thread (1) 10mm x 35mm Hex Bolt, (1) 10mm Flat Washer and (1) 10mm Lock Washer into the thread nut plate. Mid-year 2015 Rams come equipped with pre-installed 8mm threaded inserts. Substitute (1) 8mm x 30mm Hex Bolt, (1) 8mm Flat Washer and (1) 8mm Lock Washer for the 10mm hardware at this time.

6. Remove the passenger side front factory body bolt. Select the passenger side Front Support Bracket. Insert the factory body bolt through the Support Bracket and up into its original position (Figure 3). Line the other end of the Support Bracket up with the oval hole in the Mounting Bracket. Snug but do not tighten hardware at this time.

7. Move the passenger side rear of the vehicle and remove the tape covering the factory oval hole in the inner body panel as described in Step 2. Thread a Plastic Retainer onto the thread end of a Bolt and Nut Plate (Figure 1C & 4). Insert the bolt and nut plate into the factory hole (see Step 3 & 4).

Rotate Bolt and Nut Plate to line up the Nut with this hole in body panel. Mid-Year 2015 Model come with pre-installed 8mm threaded inserts.
8. Select the passenger side rear Mounting Bracket. Position the Mounting Bracket onto the installed bolt and nut plate. Secure it with (1) 12mm Flat Washer, (1) 10mm lock washer and (1) 12mm Hex Nut, (Figure 5). DO not tighten at this time. Rotate the bolt and nut plate until the thread Nut end lines up with the remaining hole in the Mounting Bracket and body. Thread (1) 10mm × 35mm Hex Bolt, (1) 10mm Flat Washer and (1) 10mm Lock Washer into the thread nut on the Bolt and Nut Plate. Mid-year 2015 Rams may come equipped with pre-installed 8mm threaded inserts at rear location. Substitute (1) 8mm × 30mm Hex Bolt, (1) 8mm Flat Washer and (1) 8mm Lock Washer for the 10mm hardware (Figure 5). Snug, but do not tighten hardware at this time.

9. Select the passenger Sidebar and fasten it to the Front Mounting Bracket and Support Bracket with the included (1) 1/2” × 2” Hex Bolt, (1) 1/2” Lock Washer and (1) 1/2” Flat Washer, (Figure 6). Do not tighten hardware at this time. Attach the Sidebar to the Rear Mounting Bracket with (1) 1/2” × 2” Hex Bolt, (1) 1/2” Lock Washer and (1) 1/2” Flat Washer, (Figure 5).
10. Level and align Sidebar properly and tighten all hardware including the factory body bolt.
11. Repeat Steps 2-10 for driver Sidebar installation.
NOTE: Installation the front driver side bracket is the same as passenger side except that this bracket has no upper mount hole. The 12mm Flat Washer, Lock Washer and Hex Nut will not be used. (Figure 7) If 8mm threaded inserts are present, the 12mm bolt/10mm nut plate will not be used.

12. Do periodic inspections to the installation to make sure all is secure and tight. To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasive that could damage the finish. For stainless steel: Aluminum polish may be used to polish small scratches and scuffs on the finish. Mid soap may be used also to clean the Sidebar. For gloss black finishes: Mid soap may be used also to clean the Sidebar.