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Revisions			
Rev.	Description	Date	Approved
-	INITIAL RELEASE PER ECO 23-015	2/20/23	RG



RAM 2500 14+ REAR SWAY BAR DROP BRACKET

Installation Instructions

Applications:
2014+ RAM 2500



TITLE:
**RAM 2500 14+ REAR SWAY BAR
DROP BRACKET**

SIZE	DWG NO:	REV
A	8708-01-INST	-
	SCALE: N/A	PAGE 1 OF 5



RAM 2500 14+ REAR SWAY BAR DROP BRACKET INSTALLATION INSTRUCTIONS

Thank you for purchasing the best aftermarket products available for your vehicle. We strongly feel that the parts you are about to install should meet or exceed your expectations for performance. Proper assembly is critical to the performance of these components and the vehicle as a whole. Please take the time to carefully read these instructions and familiarize yourself with the installation procedure before working on your vehicle. If you have any questions PLEASE contact Synergy Manufacturing BEFORE beginning installation. Thanks again for supporting Synergy – enjoy the performance benefits of the best aftermarket products available for your vehicle!

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Modifying or otherwise altering vehicle components may cause the vehicle to handle differently than originally designed. It is the driver's responsibility to familiarize themselves with the performance and handling characteristics of the modified vehicle. Vehicles with larger diameter than stock tires must be driven carefully and cannot be expected to perform as stock or meet OEM performance with regard to handling, braking or crash performance. Ensure all replacement components are compatible with vehicle capacities so as not to overload components, especially tires. It is up to the individual to ensure that the vehicle and all components are compatible with the intended vehicle use, including load ratings, road conditions, and driver abilities. Thorough and frequent vehicle inspections are recommended to ensure a safe and reliable state of readiness, especially after off-highway use.

PARTS LIST

8708-01 RAM 2500 14+ REAR SWAY BAR DROP BRACKET		
QTY	Part Number	Description
2	870801-W01-PC	RAM 2500 REAR SWAY BAR DROP BRACKET, POWDERCOATED
2	HM12-1.75-40-10.9	Hex Head Bolt, Grade 10.9, M12 x 1.75, 40mm long
2	NSM12-1.75	Top Lock Nut, Grade 10.9, M12 x 1.75
2	HC8-6-10	Hex Head Bolt, Grade 8, 3/8" Coarse Thread, 1" long
2	NSC-6	Top Lock Nut, Grade 8, 3/8" Coarse Thread
4	WF-M12	Washer, Grade 10.9, M12
4	WF8-6	Washer, Grade 8, 3/8"

GENERAL NOTES

- These instructions are also available on our website; www.synergymfg.com. Check the website before you begin for any updated instructions and additional photos or videos for your reference.
- The installation of this rear track bar drop bracket will lower the frame side mount location of the sway bar end links and allow for full travel of the rear suspension without over extending the rear track bar and eliminate the possibility of inverting the links.

TOOLS REQUIRED

- 18mm, 19mm and 9/16 inch socket and ratchet
- 18mm, 19mm and 9/16 inch combination wrenches
- Torque Wrench

ESTIMATED INSTALLATION TIME

1/2 Hour

INSTALLATION

1. Installation can be done on the ground. There is no need to lift the vehicle off the ground or remove the wheels and tires. Begin by removing the two M12 bolts that fasten the sway bar end links to the brackets on the frame. **See Figure 1.**

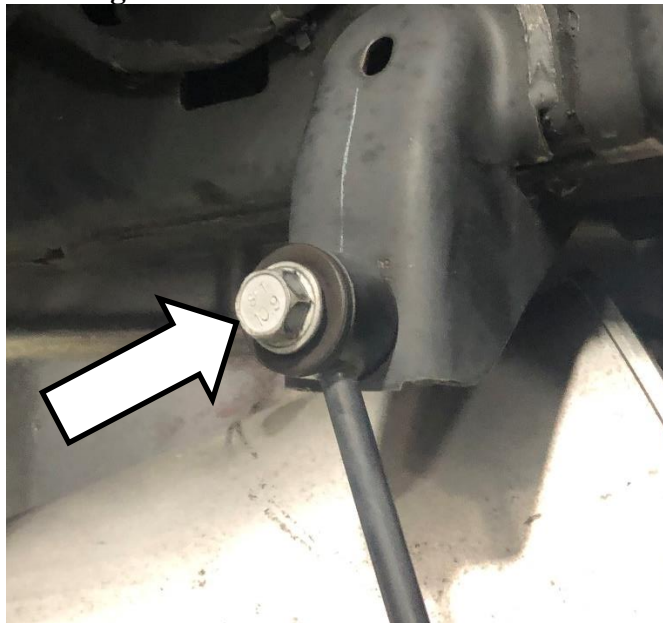


Figure 1. Factory Sway Bar End Link Bolt.

- Next, place the 8708 Sway Bar Drop bracket on the frame side mount and loosely install one of the 3/8" bolts through the top slotted hole with a washer under the head and nut. See **Figure 2**.



Figure 2. Installing 8708 bracket with 3/8 bolt.

- Install one of the included M12 bolts through the top circular hole and the factory frame side bracket. Place washer under the head of the bolt and under the nut. See **Figure 3**.



Figure 3. Loosely Installed 8708 Bracket.

4. Once both bolts have been loosely installed on the bracket, tighten the hardware. The 3/8” bolt should be torqued to 30 ft-lb while the M12 Bolt should be torqued to 70ft-lb.
5. Repeat steps 2-4 on the opposite side.
6. Reinstall the sway bar endlinks with the factory hardware. Torque the factory bolts to 70 ft-lb. See **Figure 4.**



Figure 4. Installed 8708 Bracket.

Table 1.

8708 Sway Bar Drop Bracket Torque values		
Bolt	Wrench size	Torque value
3/8” Grade 8 Bolt	9/16”	30 ft-lb
M12 Grade 10.9 Included Bolt	19mm	70 ft-lb
M12 Grade 10.9 Factory Bolt	18mm	70 ft-lb