



INSTALLATION INSTRUCTIONS

Rear Stabilizer Bar

7254—Mercedes Sprinter Van 2008-2013



Component Box

NUM	DESCRIPTION	QTY
1	MACHINED ALUMINUM U-PLATE	2
2	D-BUSHINGS	2
3	M12 X 1.5—90MM HEX BOLT	4
4	BUSHING LUBE	1
5	WASHERS	6
6	THREADLOCKER	1
7	WARRANTY FORM	1

General Notes:



These instructions are meant to be a general guide for installing Hellwig Products Co. sway bars. Hellwig Products Co. Inc. assumes no liability for the actual installation process. Consumers should apply common automotive safety practices when working on any vehicles. DO NOT put yourself in a position where if the vehicle should move unexpectedly, you may be seriously hurt.

Hellwig suspension products are designed for ease of installation with standard tools. However, access to a jack, jack stands, and work lights may provide added assistance during your installation. As described in Hellwig installation instructions, many fasteners require proper tension or torque. Use of a torque wrench will verify proper torque for this requirement.

- To ease installation and to properly adjust bar, the weight of the vehicle must be on the suspension, as if driving down the road. Do not Raise Vehicle by frame.
- Before installation, set the E-brake and place wheel chucks under the tires in the appropriate locations to prevent the vehicle from rolling away.
- If you're not using a 4 post lift when raising the vehicle off the floor to install the anti-sway bar, always fully support the vehicle with jack stands. Ensure that the jack stands are securely positioned, and are rated at or above the weight of the vehicle.
- 2 post lifts are not recommended as the weight of the vehicle must be on the suspension.
- Don't forget to lube all bushings and end links.
- Always use impact grade sockets with air ratches or impact drivers.
- Holes Are Producing an Interference – apply torque to the nut.
- Nut and Bolt Head are Different Diameters or Shapes – apply torque to the side with the smaller bearing face. This also applies when the hole diameters are different.
- When Clamping Two Different Materials Together – It is always better to apply torque on the component that is against the material with a lower frictional coefficient.
- Long Bolts Are Being Used – When torque is applied to the head of a very long bolt, you may see the effects of torsional wind-up. Applying torque to the nut in this situation will help to avoid that issue.
- There will be many instances where you can apply torque to either the nut or the bolt head. But if one of the above situations applies, remember to follow the guidelines for a better fit and more durable installation



Step 1: Remove Castings

Remove the factory castings utilizing a 19mm socket and ratchet.



Step 2: Remove EndiLinks

Remove the factory end-links from the sway bar utilizing a 17 socket wrench and a 18mm socket and ratchet. Safely remove and lower the factory sway bar from the vehicle.

Leave upper part of end-link attached to the frame.

***Do not** discard factory fasteners. They will be reused.



Extra Washer If Necessary



Step 3: Attach Factory End-Links

Attach your new Hellwig sway bar to the factory end-links. Use original fasteners with a 17mm socket wrench and a 18 socket and ratchet. ****There are variances in the factory bar thickness. Some vehicles may require the additional included washers inside the end link clevis to take up the extra space.****

Tighten original fasteners but do not torque yet, allowing the bar to rotate into position.

Original fasteners are not depicted. Please use original fasteners



Step 4: Lubricate Bushings

Apply ample amount of lubricant to the inside of each D-Bushing. Spread it evenly throughout the entire inside of the D-Bushing.

Install the D-Bushings on the bar in the approximate location of mounting. (Usually about half a packet of lube per D-Bushing is sufficient).

Hellwig has included a CNC machined aluminum bracket to replace the OEM bracket. Slide the bracket over the previously installed D-bushings.



Step 5: Install

Utilizing the provided M12 bolts and washers, place threadlocker on the threads. Utilize a 19mm socket and ratchet, mount the bolts into the threaded holes on the factory mounting plates.

Tighten nuts but do not torque yet.

Original fasteners are not depicted. Please use original fasteners

Step 6: Torque

Before torquing the fasteners, check your sway bar to be as parallel with the ground as possible. Re-visit each of the fasteners and torque to the specified torque table below. Insure that the base of the bracket is flat against the axel mounting plate and bushing is effectively preloaded.

Note: These values are only correct when Loctite is used.



Description	Nm	Lb-Ft
Sway Bar Casting Bolt	110	80
Sway Bar End Link Nut	110	80



1. **Fasteners:**

All Hellwig supplied fasteners must be utilized and installed in accordance with the installation instructions and apply torque to the specifications as defined.

2. **Modification:**

Do not attempt to modify the vehicle or the Hellwig product you are installing. If a problem is encountered, stop and call Hellwig Products (1-800-367-5480) for support. Hellwig Products Company will not be responsible for any damage or injury resulting from any modification or alteration.

Do not use this document for custom fabrication, as it may not show all parts or structural components.

2. **Drilling:**

Most Hellwig products do not require drilling and or tapping for installation. If drilling is defined as required, use caution when drilling a vehicle. Failure to review an area to be drilled, may result in personal injury and/or injury to other as well as vehicle damage.

3. **Eye Protection:**

Always wear safety glasses or goggles during the installation process to avoid personal injury.

4. **Maximum Towing/Carrying Capacity:**

User should never exceed the vehicle manufacture's maximum tow and weight rating. Failure to follow these guidelines will void the Hellwig warranty and may result in personal injury and/or injury to others as well as vehicle damage.

5. **For California Residents Only—Prop 65 Warning:**

Some products may contain chemicals such as DEHP, which can cause cancer, birth defects or other reproductive harm. For more info go to www.p65warning.ca.gov

6. **Checks after Install:**

After installing your new Hellwig sway bar it is recommended to bounce the vehicle, check for clearances, and if all looks good test drive the vehicle. Check the fasteners regularly thereafter. Ensure no damage is being done to the sway bar or your vehicle.