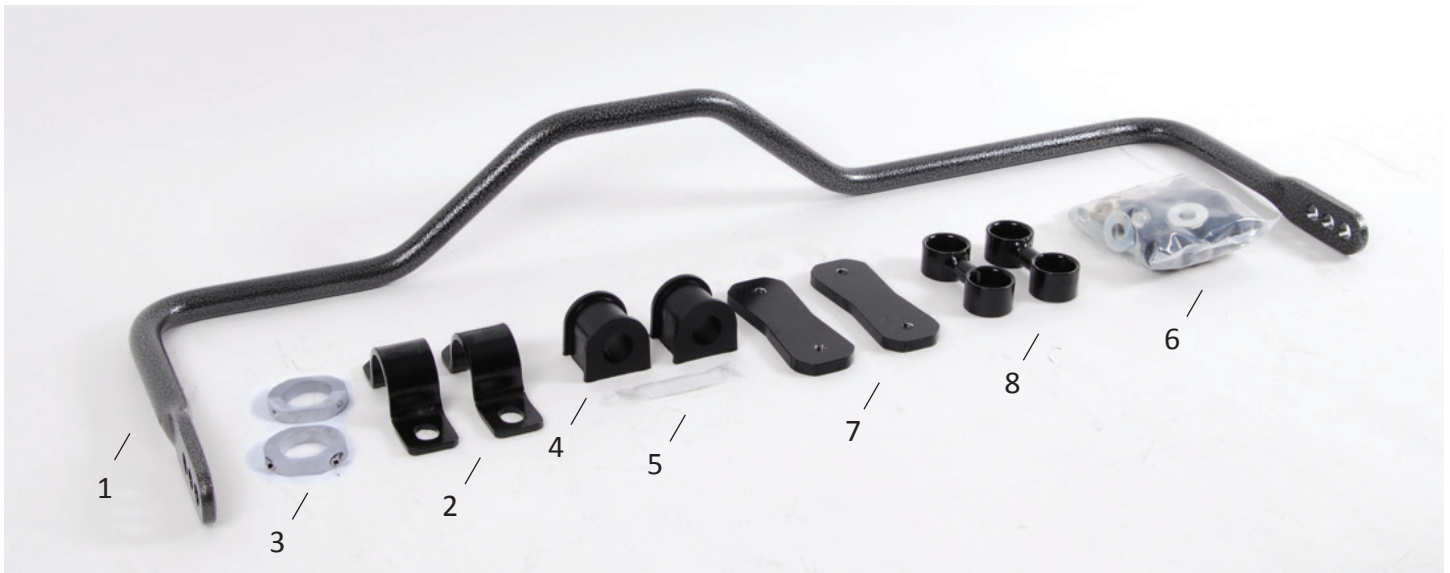




INSTALLATION INSTRUCTIONS

2022 Ford Bronco Rear Stabilizer Bar



Component Contents

Number	Part Name	Quantity
1	Sway Bar	1
2	U-Plates	2
3	Collar Clamps	2
4	D-Bushings	2
5	Lube	1
6	Hardware (Bag)	1
7	Nut Plate	2
8	End Link	2
9	Instruction Sheet	1
10	Warranty Form	1

Required Tools:

Ratchet

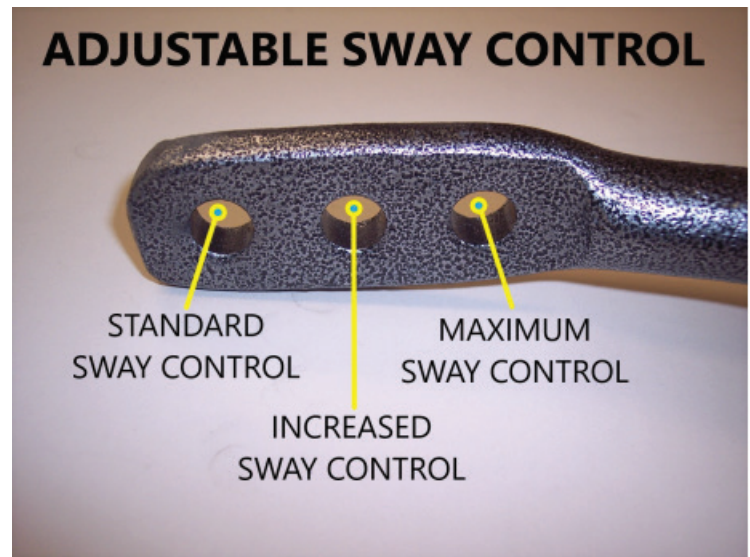
Metric Socket Set

SAE Socket Set

Metric Wrench Set

SAE Wrench Set

Torque Wrench



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.
- If 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.
- 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.

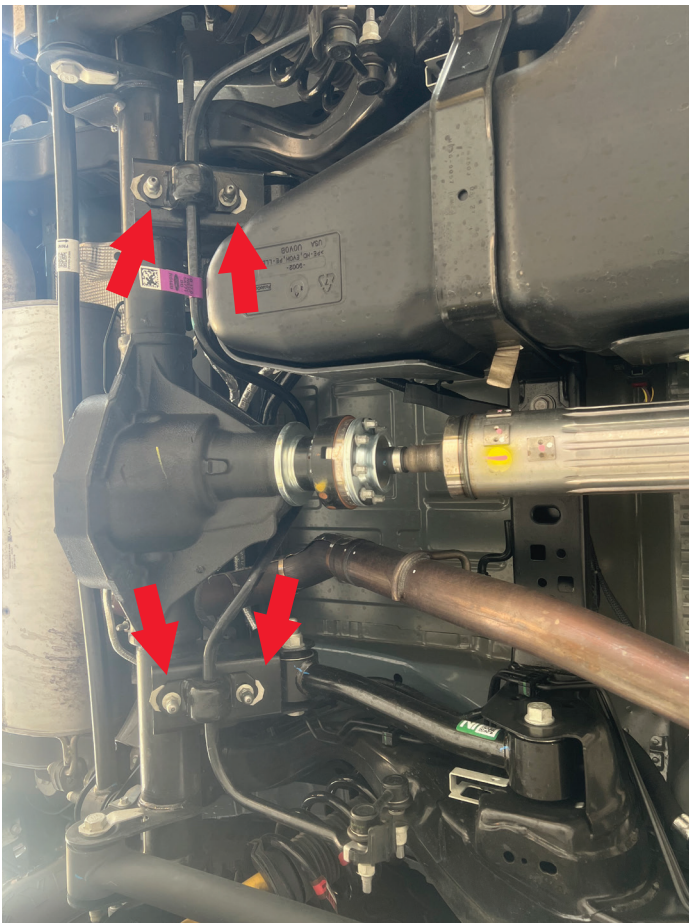


Preface:

Steps 1 and 2 are for vehicles with an OEM supplied rear sway bar. If the vehicle in question does not already have a bar installed, skip to Step 3 of the installation guide.

Step 1: Remove End-link

Using a 9mm and 18mm wrench, remove the OEM end link from the sway bar and frame mounts.



Step 2: Remove Sway Bar

With the end-links free from the sway bar. Remove the 4 nuts holding the sway bar in place with a 15mm socket wrench.

Gently remove the sway bar and guide over axle, using two hands.



Step 3: Attach supplied end links

Attach the supplied end links to the frame with the supplied 7/16" bolt, washers and nut using a 5/8" wrench and socket.

Note: The Hellwig sway bar is installed under the rear axle and not over the drive line.

Attached the Hellwig bar to the previously installed endlinks with the supplied 1/2" bolt, washers and nut using a 3/4" wrench and socket.

Tighten fasteners but do not torque to allow for bar to rotate into mounting position.



Step 4: Lubricate Bushings

Apply ample amount of lubricant to the inside of each 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).



The following step is dependent upon whether an OEM sway bar was present prior to Hellwig install. If replacing an OEM bar, and prefer to utilize OEM mounting hardware, refer to Step 5A.

In all other instances, utilize the Hellwig supplied hardware and refer to Step 5B.

Step 5A

Attach U-Plates over previously installed D-Bushing and rotate the bar into position against the axle brackets. Using the OEM bolts and nuts, fasten the sway bar into place utilizing a 15mm socket.

Step 5B

Attach U-Plates over previously installed D-Bushings and rotate the bar into position against the axle brackets. Place the nut plate behind the axle brackets as shown in the image to the left. With the supplied 3/8" bolts, fasten sway bar u-plates against axle bracket and nut plate using a 9/16" socket.

Tighten but do not torque at this time.





Step 6: Collar Clamps

Shift the bar left or right until centered. Once in desired position, install collar clamps on the inside, touching the D-bushing. Use a 3/16 allen head key to tighten collar clamps.

Step 7: Torque

Revisit each of the fasteners and torque to

Description	Nm	lb-Ft
Sway Bar U-Plate 3/8" Bolt	45	33
Endlink to Frame 7/16" Bolt	70	37
Endlink to Bar 1/2" Bolt	77	57
OEM 10mm Bolt	55	55



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.

3. 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.

4. Eye Protection:

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

5. 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.

6. For California Residents Only– Prop 65 Warning:

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

7. Checks After Install:

After installing your new Hellwig sway bar it is recommended to bounce the vehicle, check for clearances, turn the steering wheel lock to lock, 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.