



Installation Instructions

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Part # PED-429027-22

Rear Sway Bar WRX/STi 2008 - 2016

Disclaimer:

In order to install Pedders Suspension components safely, general mechanical knowledge is required. It is suggested that only a trained mechanic perform the installation of this product. If you are not qualified and choose to perform the installation yourself, please be sure to follow all safety precautions and utilize the manufacturer's repair manual as a guide for procedures and torque values.

Caution: When fitting adjustable sway bars always start with the softest setting and is strongly advised that you drive cautiously while you evaluate the new vehicle dynamics.

- All safety measures should be taken, secure vehicle on a lift or jackstands, chock any wheels remaining on the ground and take care with any hot components.
- Always use new hardware when provided or specified by the manufacturer.
- Tighten all fittings with the vehicle on the ground at ride height.
- If the removal of suspension components is required, we suggest marking any suspension components as this will aid in reassembly to approximate previous wheel alignment settings. Wheel alignment settings may have changed. Check front and rear alignment after installation.
- Re-check all torque values after a period of 50-200 miles after installation.
- It is recommended that you inspect the Pedders Suspension components periodically to ensure long term performance.

Parts List

Description	Quantity
22mm Sway Bar	1
Bushing	2
U-bracket	2
Backing Plate	2
Lube	1

*****The factory end links can only be use in the center mounting hole. Adjustable function on this bar can only be achieved by purchasing a spherical end link kit.*****

1. Park vehicle on a smooth, level, asphalt or concrete surface. Block front wheels. Jack up rear end of car and support with jack stands.
2. Remove the nuts that hold the end links to the sway bar (Fig. A). Next, remove the OEM bushings and brackets, keeping just the hardware (Fig. B). Remove the OEM sway bar from the vehicle.



Figure A

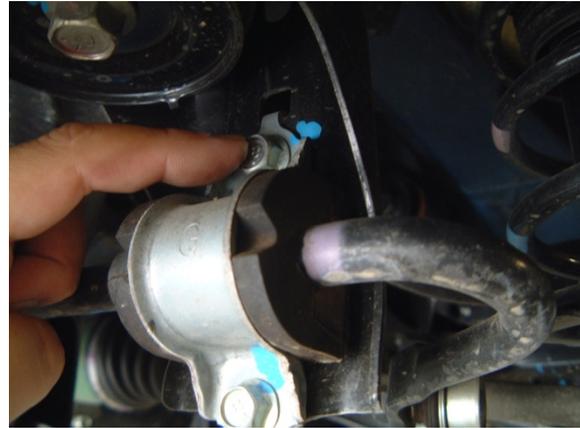


Figure B

3. Locate the pivot “D shaped” polyurethane bushings and tube of special grease supplied in the hardware kit. Cut the end off the grease tube and apply the grease to the bore of the polyurethane bushings (in the hole). Open the bushings and snap them over the new sway bar, as positioned on the OEM bar. Place the new brackets (supplied) over the new pivot bushings.
4. Place the backing plates (provided) behind the bushing brackets (Fig. C), using the OEM hardware. Torque brackets to 28-32 ft/lbs and end links to 38-42 ft/lbs. **If using OEM end links use center mounting location only. If using a spherical end link kit see note below.**



Figure C

IMPORTANT NOTE ABOUT ADJUSTABLE SETTINGS:

We strongly suggest that your technician initially sets the end links in the softest setting. The softest setting will be the setting with the end links closest to the end or tip of the sway bar, furthest from the mounting bushings.

After installing the sway bar, we suggest that you drive the car carefully and within your abilities, noticing the changes in the handling characteristics. If driving in poor weather, exercise additional care during cornering and braking until you are familiar with the handling.

If you chose to use the firmer settings, again remember to drive the vehicle carefully, and take note of the changes you have made to the suspension. You will notice a handling difference with each sway bar settings.

- 5. Lower rear of car onto ground, and roll car back and forth to settle suspension.
- 6. Installation is complete. Check assembly periodically for tightness.

Torque Check

Hardware	Torque
End link nut	28 - 32 ft/lbs
Bushings bracket hardware	38 - 42 ft/lbs