



Installation Instructions

Visit us at www.pedders.com

Part # PED-429026-17.5

Rear Sway Bar 86/BRZ

Part # PED-5059

Rear Reinforcement Kit 86/BRZ

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
17mm Sway Bar	1
Bushing	2
Lube	1

**** Changing the settings and using this bar will change the handling characteristics of the vehicle. Use caution when driving after installation of any product made to modify performance. ****

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 or if using a lift refer to the owner's manual for proper lift locations.

Part # PED-429026-17.5

Rear Sway Bar 86/BRZ

Revision A (7/17/2017)

Part # PED-5059

Rear Reinforcement Kit 86/BRZ

Revision A (7/17/2017)

- Remove the nuts that hold the end links to the OEM sway bar (Fig. A). Next, remove the OEM bushings and brackets (Fig. B). **Retain** both brackets, hardware and end link nuts for reinstallation. Remove the bar from the vehicle.



(Figure A)



(Figure B)

- Locate the OE replacement 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 anti-sway bar, as positioned on the original bar.
- Place the OE brackets over the pivot bushings and install the 4 OEM bolts that mount the bushing brackets (Fig. E). Install the bar to end links. **Tighten bushing bracket bolts to 22ft/lbs. Tighten end link nuts 28ft/lbs.**

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.

- Installation is complete. Check that all hardware has been tightened per specifications. Check assembly periodically for tightness.

Torque Check

Hardware	Torque
Bushing bracket bolts	22 ft/lbs
End link nuts	28 ft/lbs

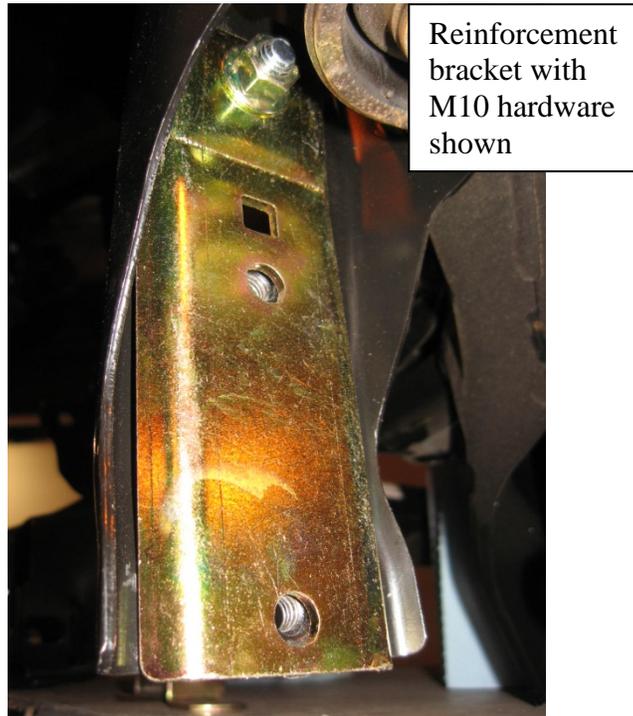
PED-5059

Optional Rear Reinforcement Kit. Recommended for track and autocross use.

Parts List

Description	Quantity
Reinforcement Plate	2
M10-1.50 x 20 Flange Head Bolt	2
M10-1.50 Flange Nut	2

1. After removing the original sway bar, fasten the reinforcement plate to the sub-frame using the 10mm hardware provided (Fig. C). Hand tighten at this time, (this will be torqued to 40ft/lbs in Step 6).



(Figure C)

2. Locate the OE replacement 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 anti-sway bar, as positioned on the original bar.
3. With a pair of pliers gently bend the tab of the OEM bushing bracket so that it is 90 degrees (Fig. D). This will allow the bracket to fit on top of the reinforcement plate. Place the OE brackets over the pivot bushings.



(Figure D)

Part # PED-429026-17.5

Part # PED-5059

Rear Sway Bar 86/BRZ

Rear Reinforcement Kit 86/BRZ

Revision A (7/17/2017)

Revision A (7/17/2017)

- Place the tab through the square hole on the reinforcement plate and install the 4 OEM bolts that mount the bushing brackets (Fig. E). Install the bar to end links. **Tighten bushing bracket bolts to 22ft/lbs. Tighten end link nuts 28ft/lbs. Tighten 10mm hardware (in top hole) to 40 ft/lbs.**

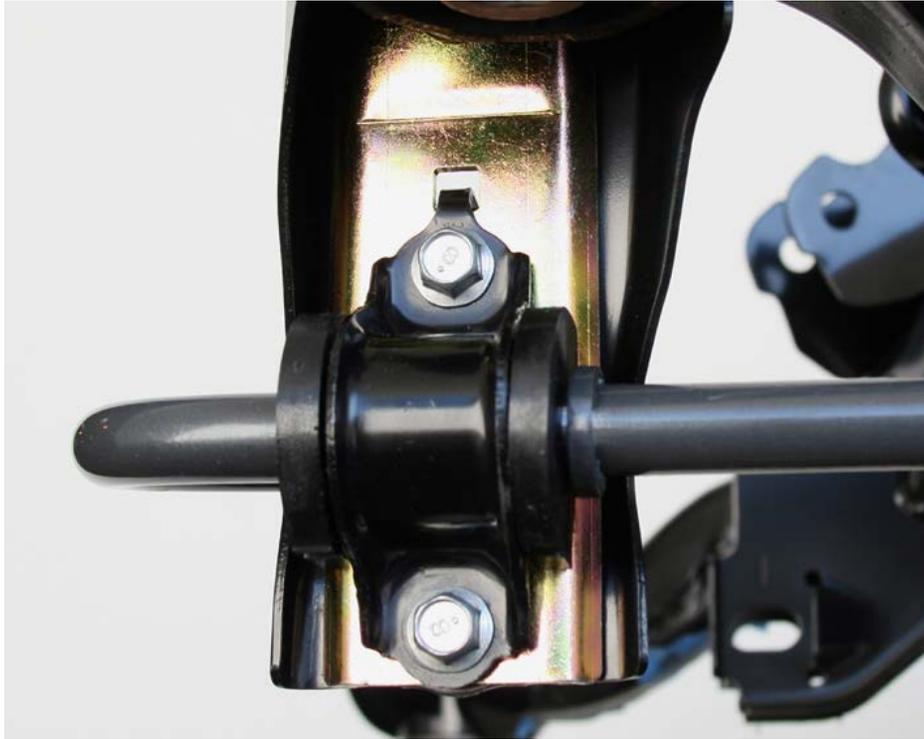


Figure E

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.

- Installation is complete. Check that all hardware has been tightened per specifications. Check assembly periodically for tightness.

Torque Check

Hardware	Torque
Bushing bracket bolts	22 ft/lbs
M10 Reinforcement hardware	40 ft/lbs
End link nuts	28 ft/lbs