Dedicated to improving vehicle fun, safety & performance

Installation Instructions

Rear Sway Bar

Subaru WRX (2008-on), Impreza (2008-on), STI (2008-on), Legacy Models (2010)

#40-1021, 40-1023, 40-1025, 40-1026, 40-1027

*Non-turbo models will include RalliTEK HD endlinks

TOOLS

- 12, 14mm sockets
- 3/8" drive ratchet
- 12,14mm end wrenches
- Floor jack, ramps, or jack stands
- 6" extension
- Torque wrench

SAFETY WARNINGS

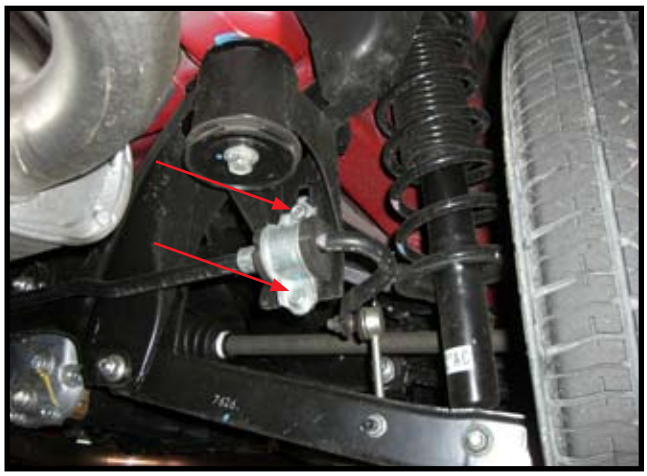
- Always support the vehicle with jack stands before working underneath
- Use only the parts supplied by RalliTEK to install this kit
- Check ALL the fasteners for tightness before and after road testing the vehicle
- Do not use air impact wrench when re-installing bolts as stripped threads may result

SWAY BAR REMOVAL

This section only applies to vehicles that have a factory rear sway bar. For cars that did not come with a factory rear sway bar, proceed to page 2 for installation instructions.

1. Safely raise the car and support the rear of the vehicle with jack stands or ramps. Refer to owner's manual for jacking locations.

2. Remove the four 12mm bolts and nuts from the original sway bar clamps.



REMOVAL

For sway bar kits that came with RalliTEK HD endlinks, remove the factory endlink and replace. You can use the factory hardware to install the RalliTEK HD endlinks.

For sway bar kits that do not come with HD endlinks, leave your factory endlink in the trailing arm. You will reuse the factory endlink with our rear sway bar.

For non-turbo Impreza models that did not come with a factory rear sway bar or endlink, use the supplied hardware to install our HD endlink with your new sway bar.

40-1027 NOTE: You must rotate the rear endlinks so they are facing the opposite direction from the factory. Remove the rear enlink and reinstall it facing the opposite direction and reinstall using the factory hardware.

Note: 22mm bar - The endlink stud points towards the strut. 19mm bar - The endlink stud points towards center of the car.

3. Remove the 14mm nut from upper end of the end links and remove the end links from sway bar.

4. Remove the original sway bar by lifting it up and over the exhaust pipe and out toward the passenger side of the vehicle.

INSTALLATION

1. To install the new RalliTEK sway bar, place the bar under the vehicle with the center rise up. Feed the bar from the passenger side up and over the exhaust pipe and into place.

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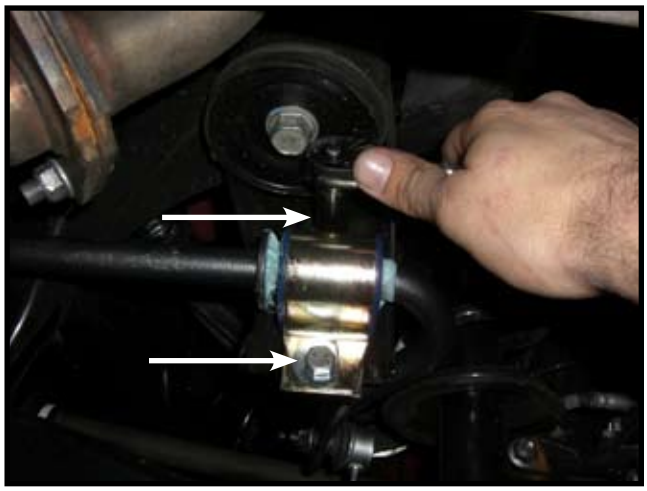
INSTALLATION

2 Lubricate the sway bar bushings with the supplied grease and install them on the sway bar. Place the sway bar saddle brackets onto the bushings. Use the original sway bar as a reference to their placement.

Note: the supplied grease is very sticky and will coat almost anything. Plan on getting it on your clothes.

3 Slide provided reinforcing brackets between flat surface of bushing and stock mounting bracket. Install the factory 12mm bolts with the included "D" shaped washers onto the previously installed saddle bracket and tighten. Torque to approximately 17lb/ft.



4 If you find the nut and stud spin together and won't separate easily use a 16mm open end wrench to hold the flat sides of the stud so that it will allow the nut to loosen and be removed. See photo "A" below.

5 Install your new HD endlink into the car and start the included nuts by hand on to the endlink studs. 60NM/45 ft lbs.

INSTALLATION

6 Once you have the nut installed and initially tightened it, the friction of the stud to the sway bar will keep it from turning while using a proper torque wrench to tighten the nut to spec.

7 Reinstall the endlinks onto the sway bar using the original 14mm nuts and tighten. Torque to approximately 30lb/ft.

Note: The endlink stud points towards the center of the car. This pertains only to the 19mm bar.

Note: The endlink stud points towards the strut. This pertains only to the 22mm bar.

5 Install supplied lateral lock ring on inside of both mounting brackets. See picture for reference.

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WARRANTY

One Year Limited Warranty

Rallitek warrants to the original purchaser that the parts manufactured and/or sold by Rallitek (the Product) is free from defects in material and workmanship under normal use. Rallitek warrants that the Product will perform substantially in accordance with the specifications set forth in the documentation provided with it. The above express warranties are made for a period of the lesser of 12,000 miles or 12 months from the date the Product is installed in your vehicle.

Any improper use, operation beyond capacity, substitution of parts not approved by **Rallitek** in writing, any alteration or repair by others, or any removal, defacing or altering of the identification shall void this warranty. There is no warranty on high-performance or race related parts due to the nature of usage.

The purchaser shall notify **Rallitek** at 888-773-1212 of any defect within the warranty period no later than thirty (30) days after purchaser discovers the defect. Should any failure to conform to this warranty appear within the warranty period, Rallitek shall, on notification, correct the nonconformity at its option, either by repairing any defective part, or by making available, FOB Rallitek's plant, a repaired or replacement part. The purchaser must insure any defective item being returned because Rallitek does not assume risk of loss or damage while in transit. No payment or reimbursement shall be made for installation, removal, transportation or other charges. The remedies set forth in this instrument are exclusive, and the liability of Rallitek with respect to any sale shall not exceed the price of the product on which the liability is based.

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