

# Installation Instructions

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## Anti-Roll-Kit # E40-46-035-01-01

2018 Kia Stinger, AWD, 3.3L

Kit Contents	Description	Part Number	Qty
	Rear Bar	AS41-46-035-01-RA	1
	Anti-Roll Hardware Kit	AK41-46-035-01-RA	1
	Instructions	E40-46-035-01-01INST	1

### NOTES: Read All Instructions Before Beginning Installation

- Only qualified mechanics experienced in the installation and removal of suspension components should perform this installation.
- Use of a hoist and screw jack is highly recommended and will substantially reduce installation time.
- Never work on or under a vehicle unless it is properly supported.
- Tire Rotation: In order to increase the life of your tires, it is recommended to rotate your tires every 3,000 miles.

### FACTORY REAR BAR REMOVAL

1. Raise the vehicle and support it with the proper safety equipment. **Note: Never work on or under a vehicle that is not supported by the proper safety equipment.**

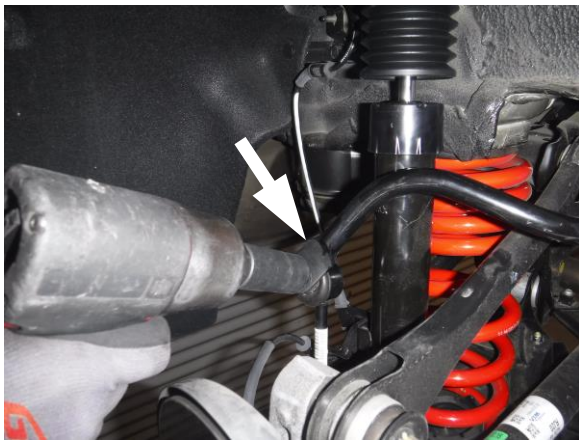


Photo 1

2. Disconnect both the left and right side end links from the ends of the OE anti roll bar. (See Photo 1)



Photo 2

3. Loosen and remove the hardware that secures both the left and right side bushing brackets as shown. (See Photo 2)



Photo 3

Photo 1



Photo 4

4. You can now slide the bar out the driver side of the vehicle as shown. (See Photos 3 & 4) **Note: Be sure to note the orientation of the OE anti-roll bar as the Eibach bar will be installed in the same orientation.**

## EIBACH REAR BAR INSTALLATION



Photo 5



Photo 6

1. Apply some poly lubricant to the inside of the supplied Eibach bushings, then, install the bushings onto the eibach bar in roughly the same spacing as the OE bar. (See Photos 5 & 6)



Photo 7



Photo 8

2. You can now install the Eibach bar in the reverse of the removal of the OE bar. **Note: Be sure to reinstall the bar in the same orientation as the OE bar as specified in step 4 of the removal process. (See photos 7 & 8)**

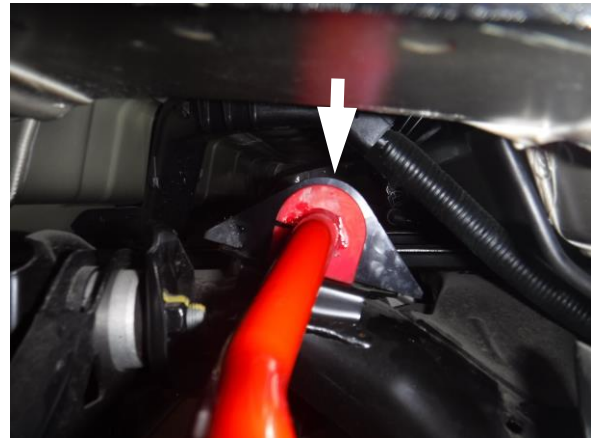
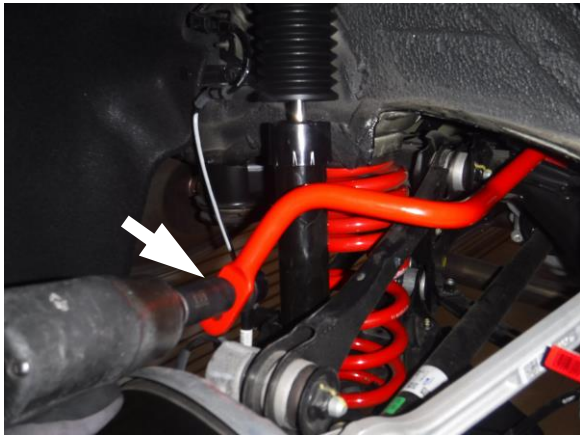


Photo 9

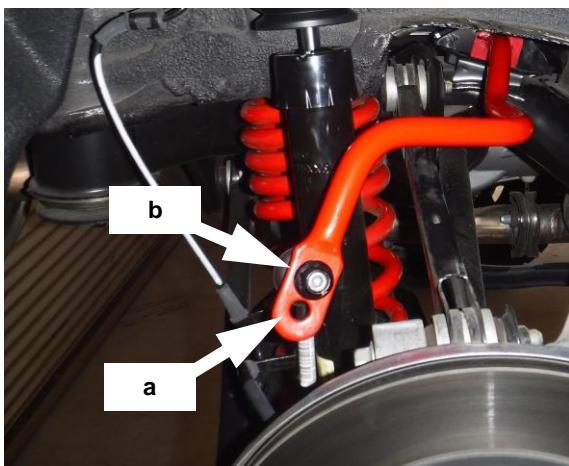
3. Install the provided Eibach bushing brackets and secure with the OE hardware. (See Photo 9)



**Photo 10**

4. Secure the end links to the ends of the Eibach bar as shown. **(See Photo 10)**
5. Double check to make sure everything is properly positioned and tightened, then, do a road test and listen for any noises and retighten if necessary.

### **Tuning The Rear Bar.**



- a) Softest Setting.
  - Reduces over-steer
  - Use in rain or on slick roads.
  - Use on rough or bumpy roads.
  - Increases comfort.
- b) Firmest Setting.
  - Reduces under-steer
  - Use on dry roads and tracks.
  - Use on smooth roads and tracks.
  - Do not use on wet or slick roads