

Installation Instructions

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Anti-Roll-Kit # E40-46-035-01-10

2018+ Kia Stinger, GT, 3.3L, AWD & RWD

Kit Contents	Description	Part Number	Qty
	Front Bar	AS41-46-035-01-FA	1
	Anti-Roll Hardware Kit	AK41-46-035-01-FA	1
	Bushing	ES5340.01	2
	Bracket	UB0020	2
	Spacer	UB0077	2
	Instructions	E40-46-035-01-10INST	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 FRONT BAR REMOVAL

1. Begin by raising the vehicle and supporting it with the proper safety equipment, then, remove the front wheels.
Note: Never work on or under a vehicle that is not supported by the proper safety equipment.



Photo 1



Photo 2



Photo 3

2. Loosen and remove the miscellaneous clips and hardware that secures the underbody cover, then, remove the cover as shown. **(See Photos 1, 2 & 3)**

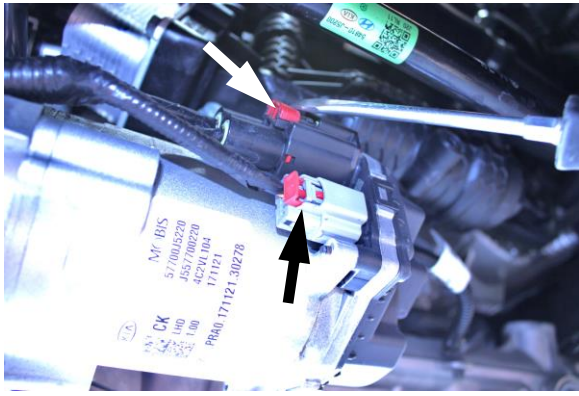


Photo 4

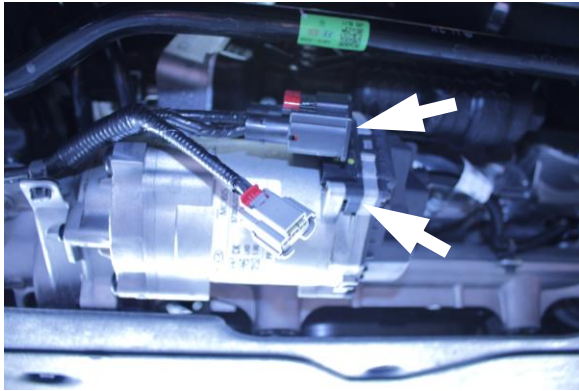


Photo 5

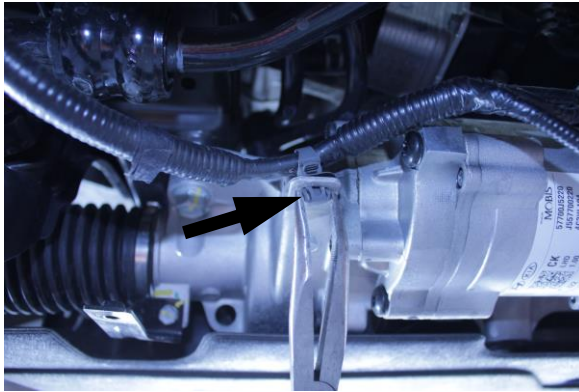


Photo 6

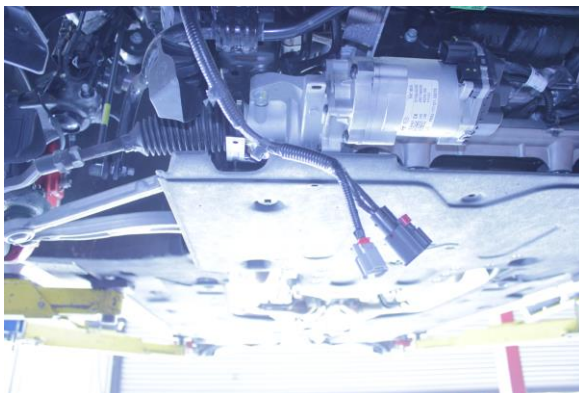


Photo 7

3. Disengage and disconnect the power steering electrical connections and unclip the harness as shown. (See Photos 4, 5, 6 & 7)

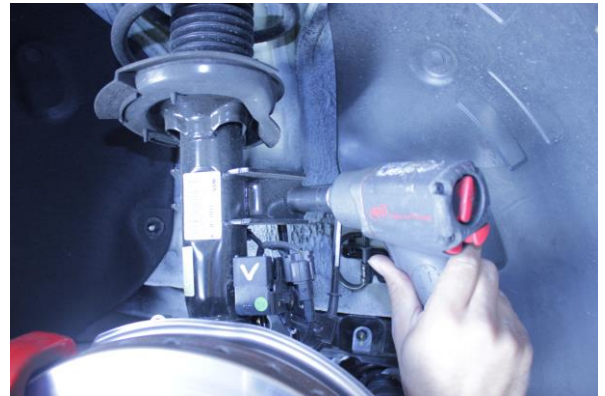


Photo 8

4. Loosen and remove the hardware that secures the end links from both the left and right side struts. (See Photo 8)



Photo 9



Photo 10

5. Loosen and remove the hardware that secures the bushing brackets to the frame, then, remove the bar from the vehicle. **Note: Be careful to note the orientation of the OE bar, as the Eibach bar will be installed in the same orientation.** (See Photos 9 & 10)

EIBACH FRONT BAR INSTALLATION



Photo 11

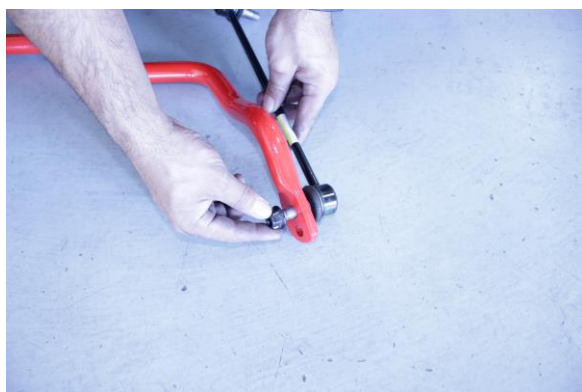


Photo 12



Photo 13

1. Remove the end links from the ends of the OE bar and install them onto the ends of the Eibach back as shown. (See Photos 11, 12 & 13)



Photo 14



Photo 15



Photo 16

2. Apply some poly lubricant to the inside of the supplied Eibach front bushings and install the bushings onto the Eibach bar as shown. (See Photos 14, 15 & 16)

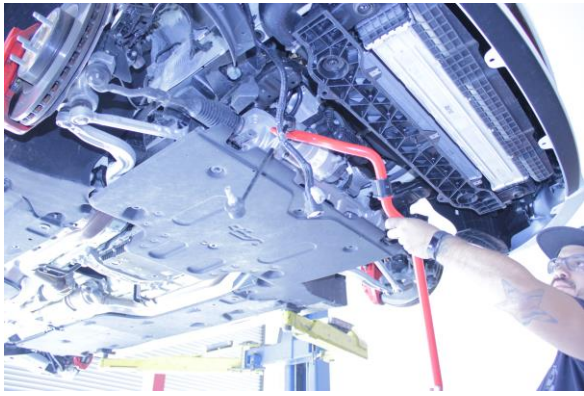


Photo 17

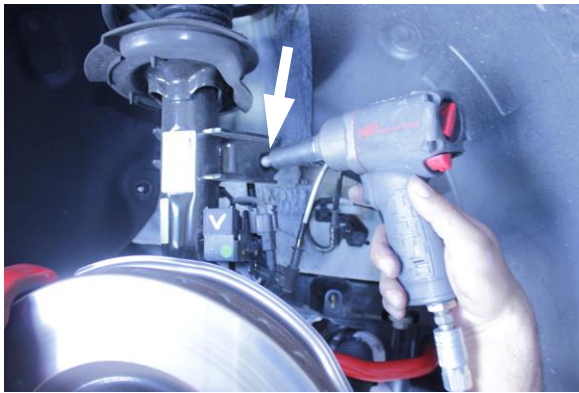


Photo 18

3. Install the Eibach bar and secure the end links to the brackets on the strut as shown. (See Photos 17 & 18)



Photo 19



Photo 20

4. Thread and secure the provided zerk fitting into the Eibach bushing bracket as shown. (See Photos 19 & 20)

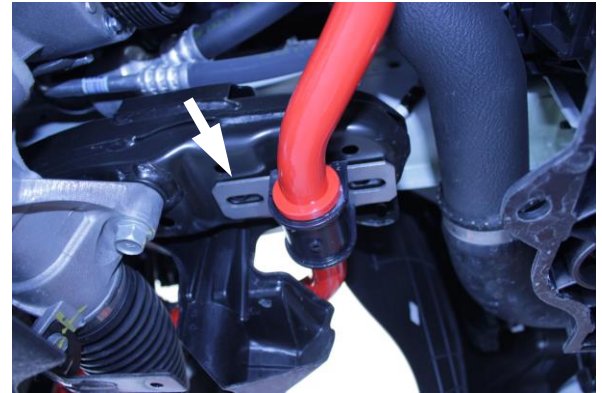


Photo 21

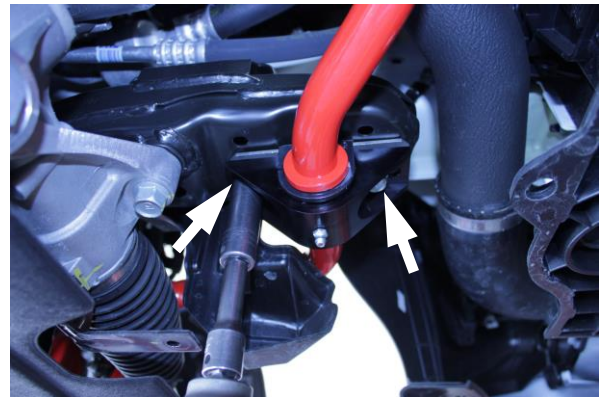


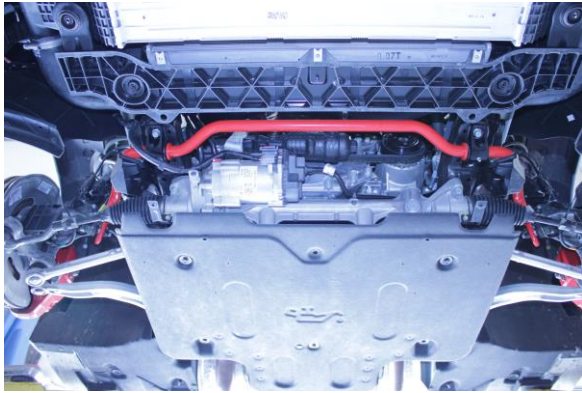
Photo 22

5. Install the provided spacer and bushing bracket, then, secure the bar using the OE hardware. (See Photos 21 & 22)

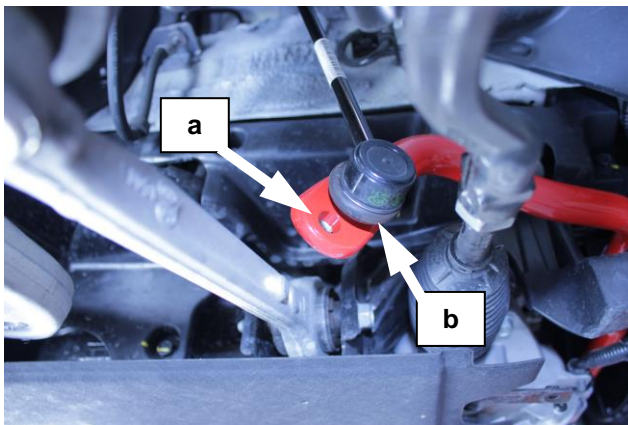


Photo 23

6. Reconnect the power steering electrical connections. (See Photo 23)



7. Double check to make sure everything is properly positioned and tightened, then, reinstall the underbody cover using the OE hardware.
8. After road testing, double check all hardware to make sure everything is properly tightened.



EIBACH FRONT BAR ADJUSTMENT

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