

# Installation Instructions

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## Anti-Roll-Kit # 38163.312

2013+ Cadillac ATS, 3.6L V6, 2.0L I4 Turbo

Kit Contents	Description	Part Number	Qty
	Rear Bar	38163.320R	1
	Anti-Roll Hardware Kit	38163.312HK	1
	Rear Bushing/Bracket Kit	ES9.5156.01	1
	Washer, Flat	H48026200	4
	Information Kit	EPAK	1
	Instructions	38163.312INST	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.
- Installation time: Is approximate .5 hour with the use of a hoist.
- 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 off the ground and firmly support it with safety stands, then, remove both of the rear tires.  
**NOTE: Do not work on or underneath a vehicle without the proper safety equipment.**



Photo 1

2. Loosen and remove the bolts that secure the toe links to the knuckle on both the driver and passenger sides. (See Photo 1)



Photo 2

3. Remove the nuts that secure the end links to both ends of the factory bar. (See Photo 2)



Photo 3

4. Pull the toe links downward, then, rotate the OE bar downward as shown. (See Photo 3)

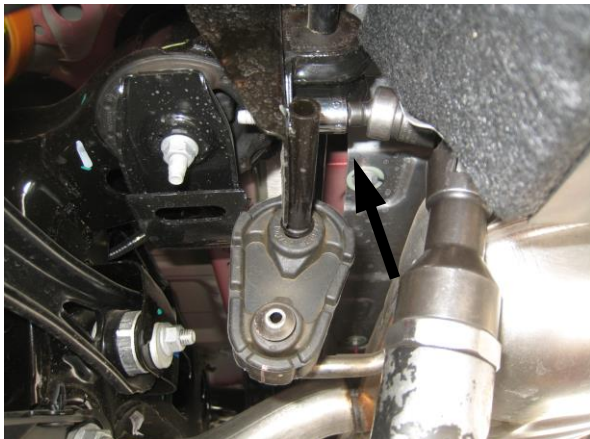


Photo 4



Photo 5

5. Loosen and remove the four bolts (two per side) that secure the OE bushing brackets to the subframe. (See Photos 4 & 5)



Photo 6



Photo 7

6. Remove the brackets and bushings as this will help with the removal of the OE bar. (See Photos 6 & 7)



Photo 8

7. You can now safely remove the rear bar from the vehicle by sliding it out towards the passenger side. **Note:** Be careful to note the orientation of the OE bar as the Eibach bar will be installed in the same orientation. (See Photo 8)



## EIBACH REAR BAR INSTALLATION



Photo 9



Photo 10



Photo 11

1. Install the Eibach anti roll bar, in the reverse manner of the OE bar removal.. **Note: Leave the plastic packaging on the Eibach bar during the installation. It is a tight fit and this will help to alleviate any scratching of the bar during the installation. Once the bar is in place, the plastic packaging can be removed. (See Photos 9, 10, & 11)**



Photo 12



Photo 13

2. Apply some poly lubricant to the inside of the new rear bushings and install them onto the Eibach bar. **(See Photos 12 & 13)**



Photo 14



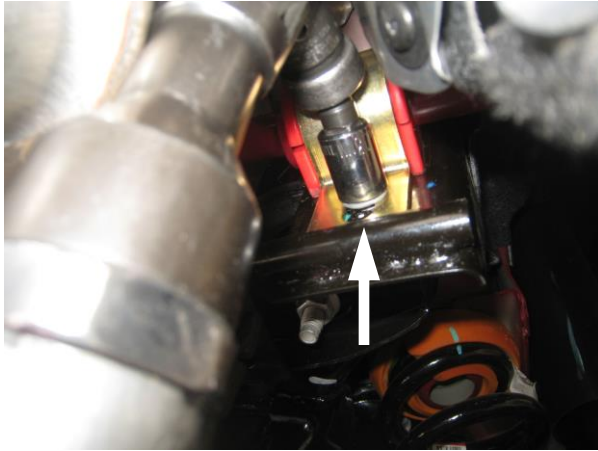


Photo 15

3. Install the driver and passenger side bushing brackets and secure them using the provided washers and OE hardware. (See Photos 14 & 15)



Photo 16



Photo 17

4. Pull the toe links downward, then, rotate the ends of Eibach anti roll bar up as shown. (See Photos 16 & 17)



Photo 18

5. Secure the end links to the ends of the Eibach bar using the OE hardware. (See Photo 18)

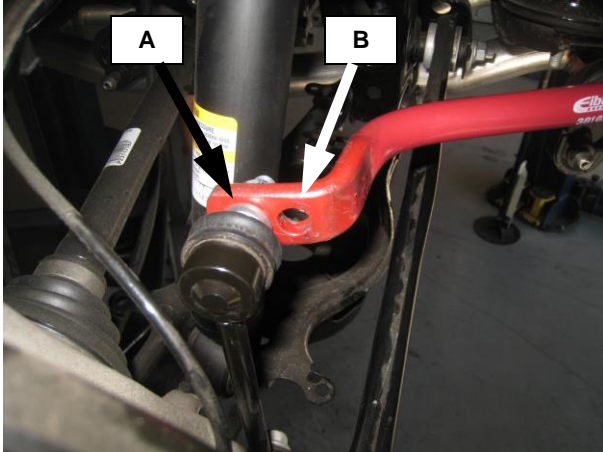


Photo 19

6. Secure the toe links to the knuckle using the OE hardware, being sure to preload the suspension before tightening. (See Photo 19)



7. Double check to make sure everything is properly positioned, then, tighten all the hardware.
8. Road test the vehicle.



### Tuning The Rear Bar.

- a) Softest setting.
  - Reduces over-steer
  - Use in rain or on slick roads.
  - Use on rough or bumpy tracks.
  - 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.