

Installation Instructions

Eibach Springs, Inc. • 264 Mariah Circle • Corona, California 92879-1751 • USA • Tech Support 800-222-8811 Ext 114

Anti-Roll-Kit # E40-87-001-01-01

2017-2019 Tesla Model 3, Excluding Standard Range and Standard Range +

Kit Contents	Description	Part Number	Qty
	Rear Bar	AS41-87-001-01-RA	1
	Anti-Roll Hardware Kit	AK41-87-001-01-RA	1
	Bracket	UB0521	2
	Bushing, Rear	ES5030.01	2
	Lubricant	AR.LUBRICANT	1
	Instructions	E40-87-001-01-01INST	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.
- Installation time: Is approximate 1/2 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 up and make sure it is properly supported with safety stands. **Note: Never work under a vehicle that is not properly supported with the appropriate safety stands.**



Photo 1

2. Remove the rear underbody cover as shown. (See Photo 1)



Photo 2

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



Photo 3



Photo 4

4. Remove the hardware that secures the OE bushings brackets, then, remove the bar from the vehicle. (See Photos 3 & 4)

EIBACH REAR BAR INSTALLATION



Photo 5



Photo 6

5. Apply the supplied lubricant to the Eibach bushings, then, install them onto the Eibach Bar as shown. (See Photos 5 & 6)



Photo 7

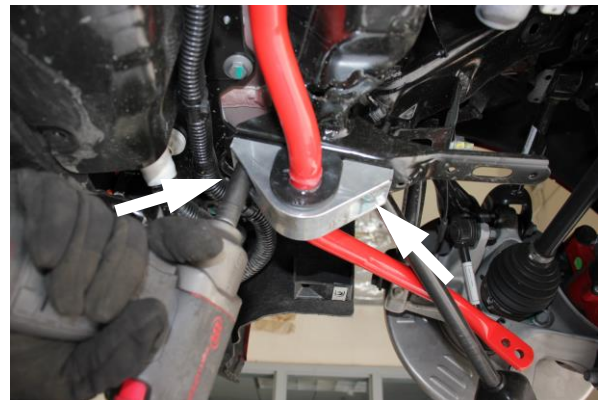


Photo 8

6. Install the Eibach bar into the vehicle and secure it with the Eibach bushing brackets and the OE hardware. (See Photos 7 & 8)

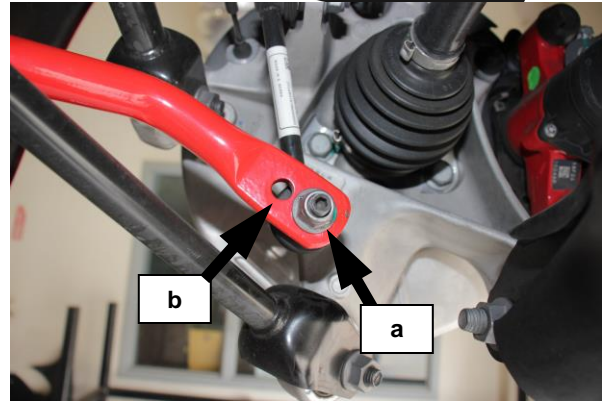


Photo 9

7. Secure the OE end links to the ends of the bar using the OE hex nuts. (See Photo 9)



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



Tuning 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.

Installation Instructions

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Anti-Roll-Kit # E40-87-001-01-10

2017-2019 Tesla Model 3

Kit Contents	Description	Part Number	Qty
	Front Bar	AS41-87-001-01-FA	1
	Anti-Roll Hardware Kit	AK41-87-001-01-FA	1
	Front Bushing	UB0524	2
	Lubricant	AR.LUBRICANT	1
	Instructions	E40-87-001-01-10INST	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.
- Installation time: Is approximate 1 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 FRONT BAR REMOVAL

1. Raise the vehicle off the ground and support it with the appropriate safety stands. **Note: Never work underneath a vehicle that is not safely supported with the correct safety equipment.**

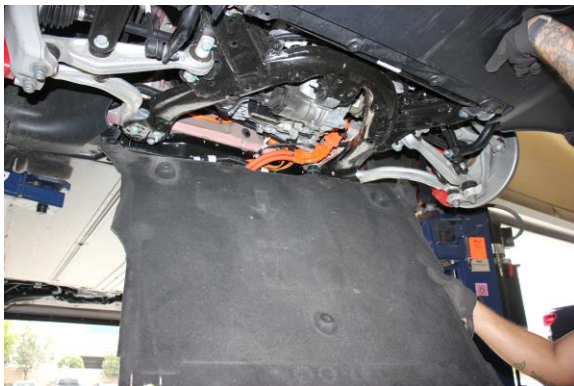


Photo 1

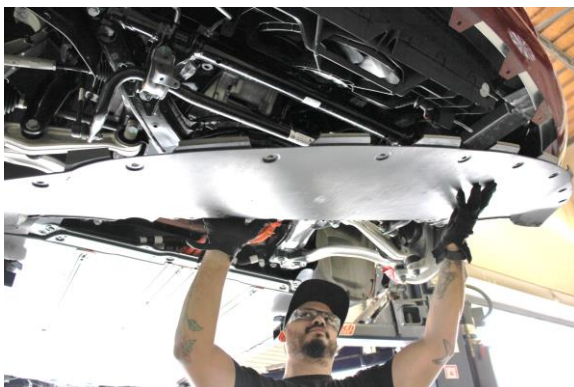


Photo 2

2. Remove the underbody covers as shown. (See Photos 1 & 2)



Photo 3

3. Loosen and remove the nuts that secure the end links to both ends of the OE anti roll bar as shown. (See Photo 3)

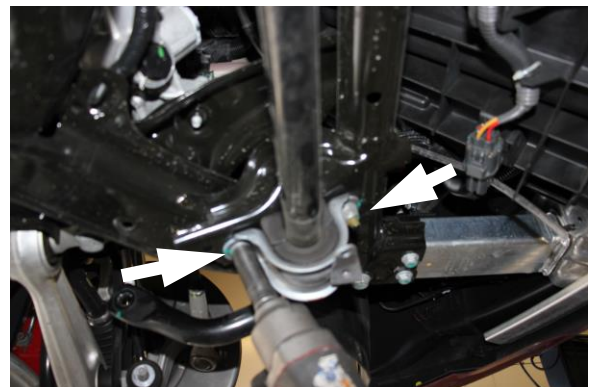


Photo 4



Photo 5

4. Loosen and remove the hardware that secures the bushing brackets to the subframe, then, remove the bar from the vehicle as shown. **Note: Be sure to note the orientation of the OE bar as the Eibach bar will be installed in the same orientation.** (See Photos 4 & 5)
5. Remove the OE bushing brackets from the factory bar. **Note: This may require the use of a mallet to remove the brackets from the bar due to very tight fitment over the OE rubber bushings.**

EIBACH FRONT BAR INSTALLATION



Photo 6

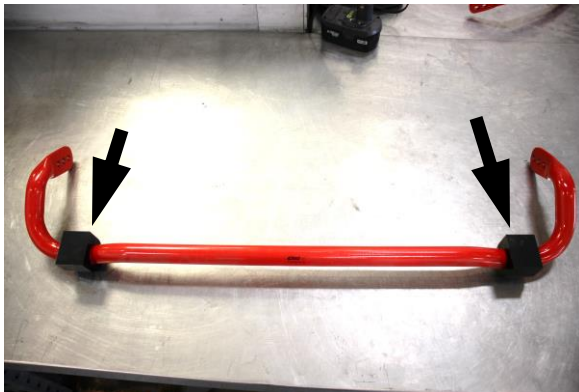


Photo 7

1. Lubricate the Eibach bushings with the supplied lubricant, then, install them on the Eibach bar as shown. (See Photos 6 & 7)

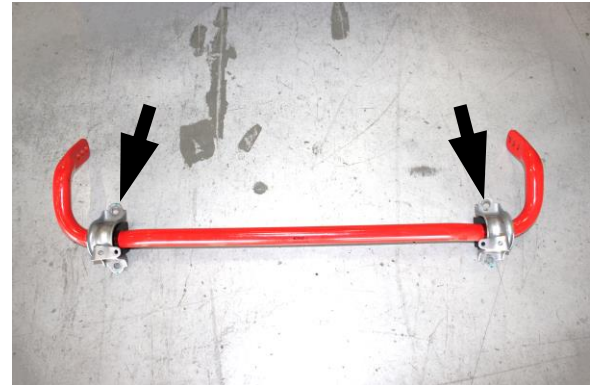


Photo 8

2. Install the OE brackets onto the Eibach bar as shown. (See Photo 8)



Photo 9

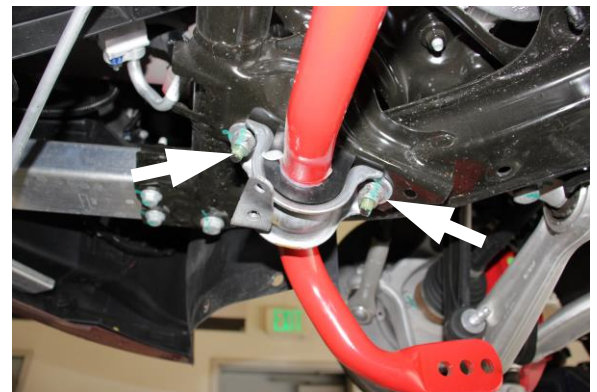


Photo 10

3. Install the bar in the same orientation as stock, then, secure the bar with the OE hardware as shown. (See Photos 9 & 10)

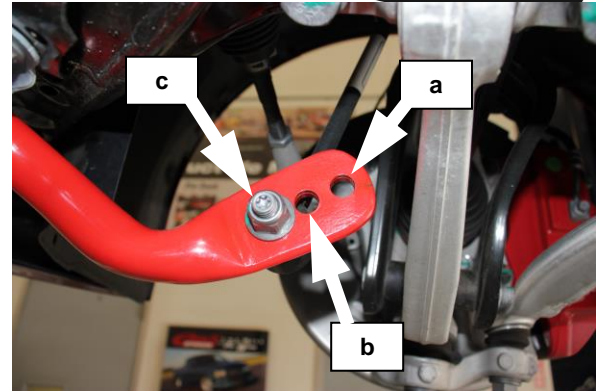


Photo 11

4. Secure the end links to the ends of the Eibach bar as shown. (See Photo 11)



5. Double check to make sure everything is properly tightened and positioned, then, reinstall the underbody covers.
6. After road testing, double check all hardware to make sure everything is properly tightened and positioned.



Tuning the Front Bar.

FRONT

- a) Full Rear / Softest Setting.
 - **Reduces** under-steer
 - Use in rain or on slick roads.
 - Use on rough or bumpy roads.
 - Increases comfort.
- b) Mid Setting / Street Performance Setting.
 - Tuning out under or over-steer.
 - For normal driving conditions.
 - Dry street driving.
 - Use with additional trunk weight.
- c) Full Forward / 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.