

# Installation Instructions

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## Anti-Roll-Kit # 82105.310

2013+ Scion FR-S

2013+ Subaru BRZ

Kit Contents	Description	Part Number	Qty
	Front Bar	82105.320F	1
	Anti-Roll Hardware Kit	82105.310HK	1
	Front Bushing, 25.4mm	UB0346	2
	Information Kit	EPAK	1
	Instructions	82105.310INST	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 support it with the proper safety equipment. **Note: Never work on or under a vehicle that is not supported by the proper safety equipment.**
2. Remove the underbody plastic and aluminum covers.



Photo 1

3. Loosen and remove the nuts that secure the end links to the ends of the OE front bar. (See Photo 1)



Photo 2

4. Loosen and remove the eight bolts that secure the subframe brackets to the underside of the vehicle, then, remove the anti roll bar assembly from the vehicle. (See Photo 2)



Photo 3

- Remove the two bolts and two nuts that secure the bushings brackets to the subframe brackets. **Note: Be careful to note the orientation of the OE bar, as the Eibach bar will be installed in the same orientation.** (See Photo 3)

## EIBACH FRONT BAR INSTALLATION



Photo 4

- Apply some poly lubricant to the inside of the supplied Eibach front bushings, then install the bushings onto the Eibach front bar, with the flange/standoff resting up against the ring on the bar. (See Photo 4)

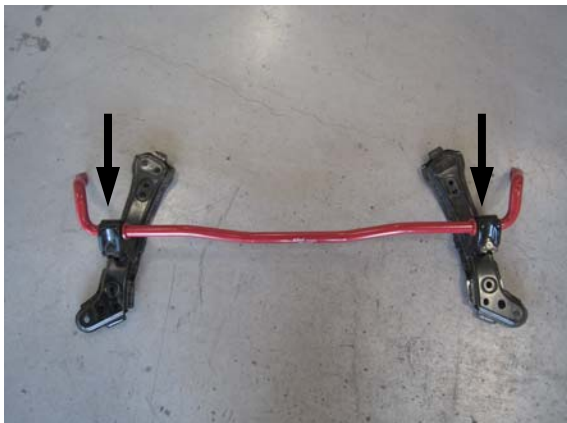


Photo 5

- Secure the Eibach bar onto the subframe brackets in the same orientation as the OE bar and secure it with the OE hardware. (See Photo 5)



Photo 6

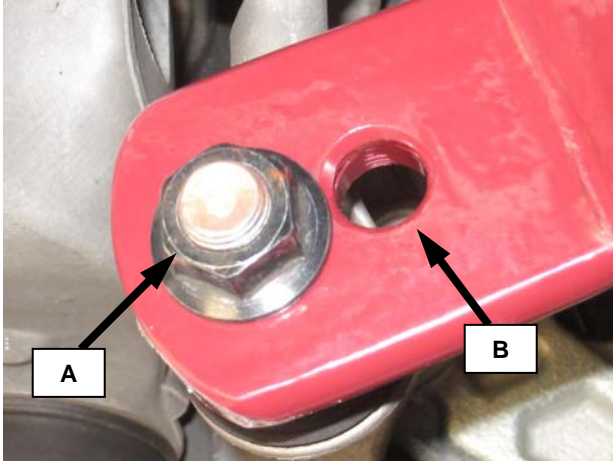
- Reinstall the anti roll bar assembly into the vehicle and secure it with the hardware removed in step 4 of the removal process. (See Photo 6)



Photo 7

- Secure the OE end links to the ends of the Eibach bar using the OE hardware removed in step 3 of the removal process. (See Photo 7)
- Double check to make sure everything is properly positioned and tightened.
- Reinstall the plastic and aluminum underbody covers.
- After road testing, double check all hardware to make sure everything is properly tightened.

## TUNING THE FRONT BAR



### FRONT

- 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.