

# Installation Instructions

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## Anti-Roll-Kit # e40-72-007-04-10

2005-12 Porsche 911, Carrera, RWD, 997, PDK Only

Kit Contents	Description	Part Number	Qty
	Front Bar	AS41-72-007-04-FA	1
	Anti-Roll Hardware Kit	AK41-72-007-04-FA	1
	Instructions	E40-72-007-04-10INST	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.

### 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

2. Remove the hardware that secures the underbody cover, then, remove the cover. (See Photo 1)



Photo 2

3. Support the front tub with a floor or screw jack as shown. (See Photo 2)



Photo 3

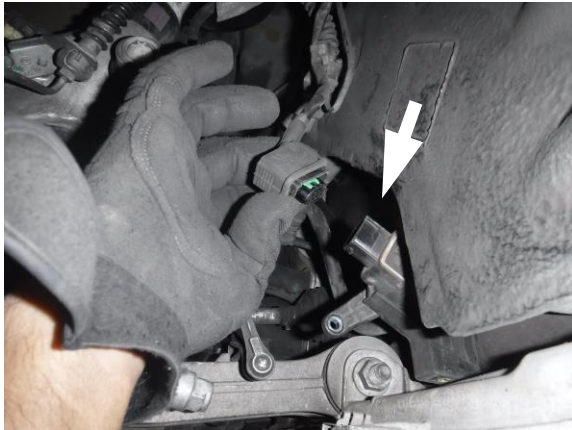


Photo 4

- Loosen and remove the nut that secures the ride height sensor link, then, disconnect the sensor electrical connection as well. **Note: This is done to prevent any stretching or damage to the electrical connection when lowering the subframe. (See Photos 3 & 4)**

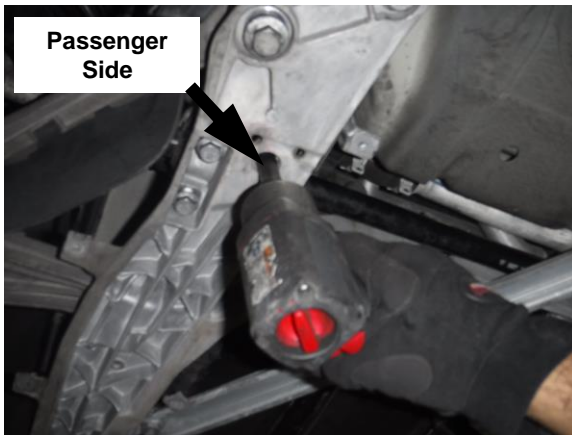


Photo 5



Photo 6



Photo 7

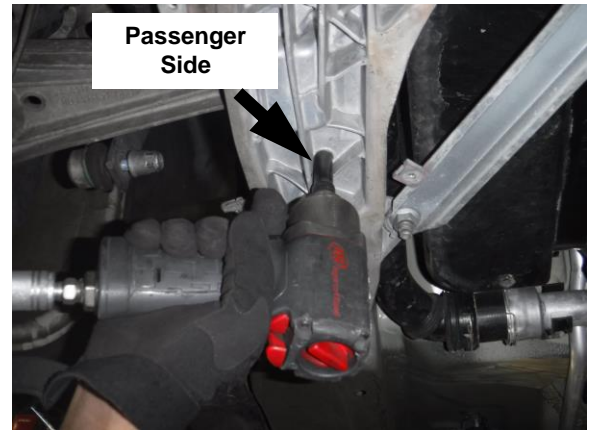


Photo 8

- Loosen and remove the hardware that secures the coolant line support brackets to the subframe as shown. **(See Photos 5, 6, 7 & 8)**



Photo 9



Photo 10

6. Loosen and remove the two bolts that secure the steering rack to the subframe as shown. (See Photos 9 & 10)



Photo 11

7. Disengage the plastic coolant line locating tab as shown. (See Photo 11)



Photo 12

8. Loosen and remove the two forward subframe brace bolts as shown. (See Photo 12)



Photo 13

9. Loosen and remove the nuts that secure the end links to both ends of the anti roll bar. (See Photo 13)



Photo 14

10. Support the subframe with a screw jack as shown. (See Photo 14)



Photo 15



Photo 16



Photo 17



Photo 18

11. Remove the bolts that secure the subframe to the chassis making sure its properly supported with the screw jack. (See Photos 15, 16, 17 & 18)



Photo 19

12. You can now slowly lower than subframe downward making sure the subframe or surrounding components are not binding on anything. (See Photo 19)



Photo 20



Photo 21



Photo 22

13. You can now remove the bolts that secure the left and right side bushing brackets, then, remove the brackets and OE anti roll 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 20, 21 & 22)

### EIBACH FRONT BAR INSTALLATION



Photo 23



Photo 24

1. Apply the supplied lubricant to the Eibach bushings, then, install the bushings onto the Eibach bar as shown. (See Photo 23 & 24)



Photo 25



Photo 26

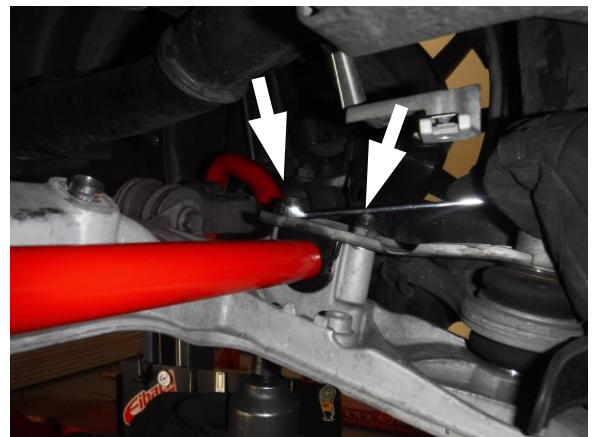


Photo 27

2. Install the Eibach front bar into the vehicle and secure it using the OE hardware and brackets. (See Photos 25, 26 & 27)



Photo 28



Photo 31



Photo 29



Photo 32



Photo 30

3. Raise the subframe upward and secure it using the OE hardware as shown. (See Photos 28, 29, 30, 31 & 32)



Photo 33

4. Secure the forward subframe braces with the OE hardware as shown. (See Photo 33)



Photo 34



Photo 37



Photo 35



Photo 38

5. Secure the steering rack with the OE hardware. (See Photos 34 & 35)



Photo 36

6. Secure the coolant line locating tab as shown. (See Photo 36)



Photo 39



Photo 40

7. Secure the coolant line brackets using the OE hardware removed in step 5, photos 5-8 of the removal process. (See Photos 37, 38, 39 & 40)



Photo 41



Photo 42

8. Reconnect the ride height sensor link and electrical connection. (See Photos 41 & 42)



Photo 43

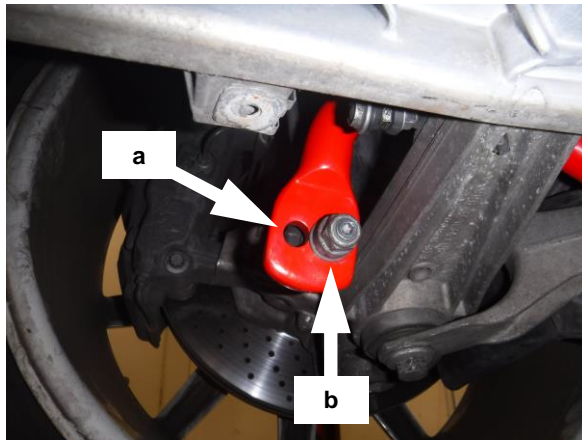
9. Secure both the left and right side end links to the bar using the OE hardware as shown. (See Photo 43)



10. Double check to make sure everything is properly tightened and positioned, then, reinstall the OE underbody cover and do a road test.
11. After road testing, double check all hardware to make sure everything is properly tightened and positioned.



## 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.