

# Installation Instructions

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## Anti-Roll-Kit # 2871.312

**2005-2006 Dodge Magnum, Dodge Charger, Chrysler 300**

**For cars without a rear bar see page 4 before beginning any installation.**

Kit Contents	Description	Part Number	Qty
	Rear Bar	2871.320R	1
	Anti-Roll Hardware Kit	2871.312HK	1
	Rear bushings	UB0096	2
	Instructions	2871.312INST	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 approximately **2.5** hours 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.

### Additional Eibach Components Available For Your Car

Eibach Kits	Part Number	Description	Front	Rear
<i>Pro-Kit</i>	2871.140	High Performance Handling	1.6 In.	1.6 In.
<i>Sport line</i>	4.7328	High Performance Handling	2.0 In.	2.0 In.

### FACTORY REAR BAR REMOVAL

1. Remove upper end link nuts. See photo 1



Photo 1

2. Remove the bolt that holds the brake line to the inner fender. Then lower brake line downward as shown in photo 2. Bolt is located behind plastic fender lining. Repeat on opposite side.



Photo 2.

3. Remove the upper shock mount bolts on both sides of the vehicle. See photo 3



Photo 3

4. Remove the two bolts that secure the muffler to the under side of the body. Repeat on the opposite side. See photo 4.



Photo 4.

5. Remove the two exhaust grommets. See photo 5.

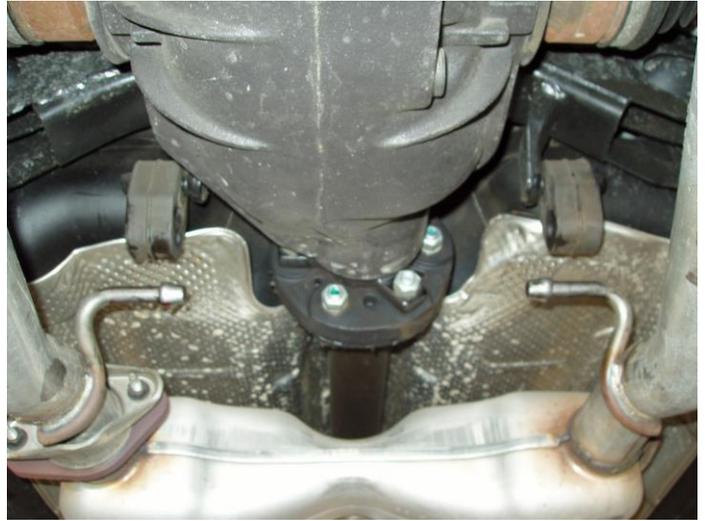


Photo 5.

6. Support the rear differential using a floor jack. Then loosen the 4 sub frame bolts.
7. Lower the sub frame slowly just enough to remove the rear sway bar brackets and the rear sway bar itself.

**Warning**  
**Lower slowly and double check that all brake lines, cables and electrical lines are not binding or stretching.**

8. Remove the sway bar bracket. See photo 6.

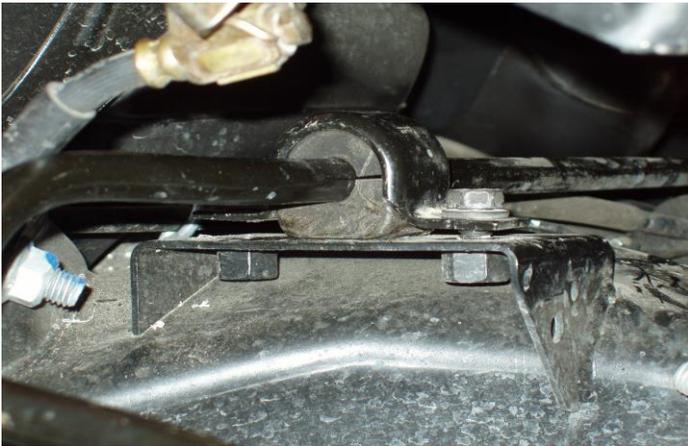


Photo 6.

9. After removing the sway bar bracket you can remove the sway bar itself.

### EIBACH REAR BAR INSTALLATION

1. Locate the two new rear bushings (Part# UB0096) and apply the supplied lubricant to the inside of the new bushings. Install the bushings on to the new Eibach Rear bar with the "cut" portion toward the rear of the vehicle.
2. Install sway bar into vehicle using new bushings and factory brackets. See photo 7.

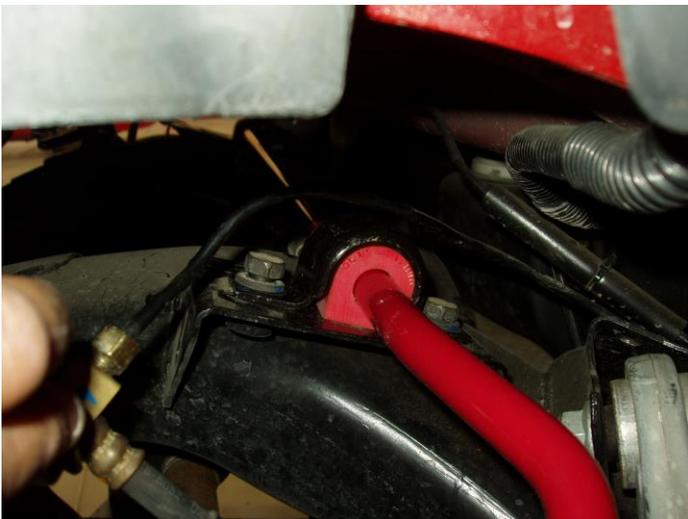


Photo 7

3. Raise the rear sub frame and secure it with the stock bolts.

4. Reconnect the upper shock mount.
5. Reconnect brake lines.
6. Reconnect the sway bar end links to the sway bar. See photo 8.

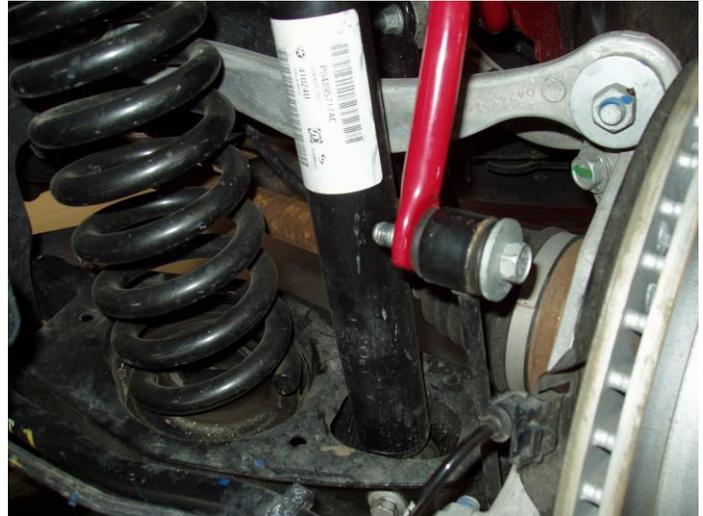


Photo 8

7. Reverse the removal process for the exhaust.
8. Reinstall wheels and torque to factory specifications.



***If your car does not have a rear bar you will need to purchase the following item from your local Chrysler / Dodge Dealership.***

- 4766866-AA - End link X 2***
- 6102239-AA - End link bolts X 2***
- 6102222-AA - End link bolts X 2***
- 6507176 - End link nuts X 4***
- 4228786 - Bushing bracket X 2***
- 6500399 - Bushing bracket bolts X 4***