

Installation Instructions



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ANTI-ROLL KIT- #5517.310

MAZDA, Miata, 90-93

Kit Contents	Description	Part Number	Qty
FRONT BAR	Front Bar	5517.320VA	1
	Hardware kit		
	Bushing	UB007	2
	Bracket	ES15.802	2
	Lubricant	AR.LUBRICANT	1
DOCUMENTS	Instructions	5517.310INST	1
	Information Kit	EPAK	1

Preparing the vehicle for Anti-Roll Kit Installation

1. A technician, certified in the suspension work and/or familiar with your particular vehicle, should perform the Installation of this kit. A factory shop manual may be necessary for the installation of this kit.
2. Verify the individual Anti-Roll Bars and necessary hardware included in the *Eibach* Anti-Roll Kit is correct for your vehicle. Use the Bill of Materials Listing above to verify all hardware.
3. Raise the vehicle securely off the ground using a commercial car lift or jack stands.
4. **Never work on/or under a vehicle that is solely supported only by a "JACK"!!**
5. If necessary, remove the wheels from the axles for better access.

Front Bar Installation

Removing the factory Front Anti-Roll Bar

1. Loosen the lower engine splash guard fasteners and remove the lower engine splash guard from the vehicle.
2. Loosen and remove the end links from the anti-roll bar arms only (both sides). **Do not discard this hardware, as it will be needed to re-install the *Eibach* Anti-Roll Bar.**
3. Loosen and remove the stock middle bushing brackets (both sides).
4. Remove the stock anti-roll bar from the vehicle.

Installing the *Eibach* Front Anti-Roll Bar

1. Lubricate the new *Eibach* Middle Bushings with the lubricant supplied.
2. Install the new middle bushings on the *Eibach* Anti-Roll Bar in the same position as they were installed on the factory bar.
3. Align the middle bushings (both sides), install the new brackets (supplied) and tighten to the vehicle chassis.
4. Re-install the end links to the anti-roll bar arms (both sides). This particular bar is adjustable by changing between the inner and outer holes at the end of the bar.
 - a. For a SOFT characteristic, align the OUTER drill hole of the anti-roll bar to the end links and re-install the factory nuts and bolts.
 - b. For STIFF characteristic, align the INNER drill hole of the anti-roll bar to the end links and re-install the factory nuts and bolts.
5. Tighten all nuts and bolts used in the installation of the anti-roll bar to the factory torque specifications.
6. Re-install the lower engine splash guard and fasteners on the vehicle.