

Installation Instructions



ANTI-ROLL KIT- #5517.312

MAZDA, Miata, 90-93

Kit Contents	Description	Part Number	Qty
REAR BAR	Rear Bar	5517.320HA	1
	Hardware kit	5517.312HK	
	Bushing	UB0089	2
	Lubricant	AR.LUBRICANT	1
DOCUMENTS	Instructions	5517.312INST	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.

Rear Bar Installation

Removing the factory Rear Anti-Roll Bar

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

Installing the *Eibach* Rear Anti-Roll Bar

1. Lubricate the new *Eibach* middle bushings with the lubricant (supplied).
2. Position the new middle bushings on the *Eibach* Anti-Roll Bar in the same position as they were installed on the factory bar (both sides).
3. Align the middle bushings (both sides), install the factory brackets and tighten to the vehicle chassis.
1. 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.
2. Tighten all nuts and bolts used in the installation of the anti-roll bar to the factory torque specifications.

ANTI-ROLL KIT

You have just purchased an ultra-high performance sway bar kit equipped with high performance poly-urethane bushings – which may cause some additional road noise and/or bushing noise- this is considered normal.

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. If your vehicle did not come factory equipped with an anti-roll bar, you will need to purchase the appropriate hardware to secure the anti-roll bar.
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.

Removing the factory Front/Rear Anti-Roll Bar

1. Loosen and remove the stock middle bushing brackets (both sides). **Do not discard these brackets, as they will be needed to re-install the *Eibach* Anti-Roll Bar.**
2. Loosen and remove the end links from the anti-roll bar arms (both sides). **Do not discard these nuts and bolts, as they will be needed to re-install the *Eibach* Anti-Roll Bar.**
3. Remove the stock anti-roll bar.

Installing the *Eibach* Front/Rear 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) and install the factory brackets and loosely tighten to the vehicle chassis.
4. Secure the end links to the bar using the OE hardware.
5. It is important at this time to verify the bar is centered left to right.
6. Tighten all nuts and bolts used in the installation of the anti-roll bar to factory torque specifications.