

Installation Instructions

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5517.310

Vehicle NA Miata 1.6L (90-93)

Notes Front sway bar instructions

Kit Contents

Description	Part Number	Quantity
Front Anti-Roll Bar	5517.320F	1
Hardware Kit	5517.310HK	1

Installation 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 by safety stands and wheels are blocked.
- Never use impact wrenches or impact guns to install or remove shock absorber piston components, shafts and Piston rod nuts.
- All Eibach springs should be installed with the Eibach logo right-side-up.
- After Installation, inspect and adjust the following: Wheel Alignment; tire/wheel fender clearance when using aftermarket wheels or tires; brake line clearance and attachments; anti-lock-brake system sensors.

Front Bar Installation

Removing the factory Front Anti-Roll Bar

- Loosen the lower engine splash guard fasteners and remove the lower engine splash guard from the vehicle.
- 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.**
- Loosen and remove the stock middle bushing brackets (both sides).
- Remove the stock anti-roll bar from the vehicle.

Installing the Eibach Front Anti-Roll Bar

- Use provided sway bar grease to grease supplied sway bar bushings.
 - Install the new sway bar bushings on the **Eibach** Anti-Roll Bar in the same position as they were installed on the factory bar.
 - Align bushings (both sides), install the new brackets (supplied) and tighten to the vehicle chassis.
 - 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.
 - 1.For a SOFT characteristic, align the OUTER hole of the anti-roll bar to the end links and re-install the factory nuts and bolts.
 - 2.For STIFF characteristic, align the INNER hole of the anti-roll bar to the end links and re-install the factory nuts and bolts.
 - Tighten all nuts and bolts used in the installation of the anti-roll bar to the factory torque specifications.
 - Re-install the lower engine splash guard and fasteners on the vehicle.
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