

General Instructions and Safety Tips

Installation

- Eibach Suspension Spring sets should only be installed by a qualified licensed mechanic experienced in the installation and removal of suspension springs. We also recommend that your Eibach Suspension Springs be installed by a dealer experienced in the care and repair of the specific type of vehicle in which the Eibach Suspension Springs are to be installed.
- When the installation facility attempts to install the Eibach Suspension Spring set, they should always remember to support your (the consumer) vehicle with jack stands. **NO ONE SHOULD EVER WORK UNDER A VEHICLE SUPPORTED ONLY WITH A JACK!** When re-installing, (if necessary) all parts should be cleaned, examined and replaced. Upon completion, the factory torque settings of all nuts, bolts and the overall installation should be re-checked.
- Before Disassembly it is important to mark the orientation of the upper perch with respect to the lower perch before disassembly. This orientation must remain the same with the installation of the Pro Kit springs. Noise may result if this procedure is not performed correctly.
- Installation and use of an Eibach Suspension Spring set **NOT DESIGNED FOR YOUR VEHICLE** may result in personal injury or property damage. Always consult your Eibach dealer or a qualified licensed mechanic experienced in installing suspension springs if you are unsure about the suitability of a particular suspension spring set for your vehicle.
- Removal and installation of suspension springs can be dangerous if you do not take all the OEM recommended safety precautions and use the proper tools. This process should only be performed by a qualified technician. Springs under compression contain stored energy that may cause severe property damage and/or injury if not handled properly.
- Your car may have certain accessories or features which require inspection and/or adjustment after installation of your Eibach Suspension Spring set. The qualified mechanic installing your Eibach Suspension Springs should also inspect and where necessary, adjust:
 - Self-leveling system, if your car is so equipped
 - Wheel alignment such as camber, caster, toe in and toe out (may require additional components)
 - Aftermarket tire and/or wheel fender clearance
 - Brake line clearance and attachment
 - The sensors on your brake anti-locking, anti-skid and stability control systems

Failure to adjust these items may result in systems malfunction and cause serious injuries.

Safety

- Eibach Suspension Springs may change the way your vehicle drives, especially through curves. Drive slowly until you (the consumer) know and become accustomed to the new driving/handling characteristics of the suspension enhanced vehicle. Always obey posted speed limits.
- Certain changes in the way the vehicle drives or rides may indicate that the Eibach Suspension Springs have not been fitted correctly, have become displaced, or are in need of replacement. If the vehicle does not stand "even" when parked, vibrates at highway speeds, becomes misaligned or does not provide a smooth ride, you (the consumer) should have the Eibach Suspension Springs inspected by a qualified licensed mechanic experienced in the installation of suspension springs. Continued use of defective or misfit Eibach Suspension Springs could result in personal injury or property damage.
- Your Eibach Suspension Springs were manufactured and tested under strict quality control standards. However, under certain circumstances, **ALL SPRINGS CAN BREAK**. To avoid damage or breakage, suspension springs should not be subjected to:
 - Excessive speeds: Maximum legal speeds should be observed at all times and never exceeded.
 - Excessive weight: Vehicle manufacturers suggested loads should be observed at all times and never exceeded.
 - Undue strain caused by off-road or continued use on poorly maintained or un-maintained roads.
 - Undue strain caused by unusually sharp and/or quick maneuvering or steering.

Installation Instructions

Anti-Roll-Kit # E40-72-003-01-01

1990-1994 Porsche 911/964 Carrera 2

Kit Contents	Description	Part Number	Qty
	Rear Bar	AS41-72-003-01-RA	1
	Anti-Roll Hardware Kit	AK41-72-003-01-RA	1
	Bushing	UB0024	2
	Information Kit	EPAK	1
	Instructions	E40-72-003-01-01INST	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.**
- **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.

FACTORY REAR BAR REMOVAL

1. Raise the vehicle and support it with the proper safety equipment. **Note: Never work on or under a vehicle that is not supported by the proper safety equipment.**



Photo 1

2. Disconnect the end links from both ends of the bar. (See Photo 1)



Photo 2

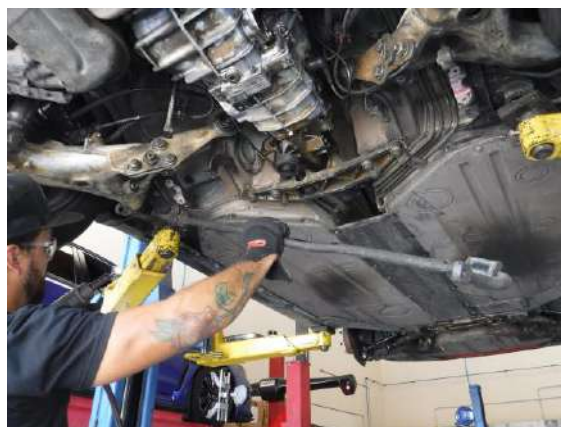


Photo 3

3. Loosen and remove the hardware that secures both the left and right side bushing brackets, then, remove the OE anti-roll bar. (See Photos 2 & 3) **Note: Be sure to**

note the orientation of the OE anti-roll bar as the Eibach bar will be installed in the same orientation.

EIBACH REAR BAR INSTALLATION



Photo 4



Photo 5

4. Apply some poly lubricant to the inside of the supplied Eibach bushings, then, install the bushings onto the Eibach bar. (See Photos 4 & 5)



Photo 6



Photo 7

5. You can now install the Eibach bar and secure it using the OE bushing brackets and hardware. **Note: Be sure to reinstall the bar in the same orientation as the OE bar as specified in step 3 of the removal process. (See photos 6 & 7)**

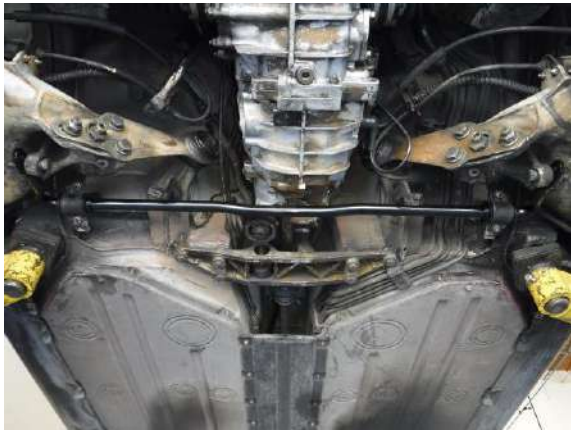


Photo 8



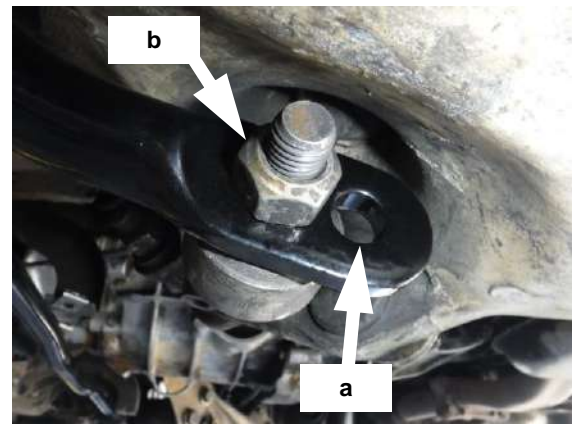
Photo 9

6. Secure the end links to the ends of the bar using the OE hardware. (See Photos 8 & 9)



7. Double check to make sure everything is properly positioned and tightened, then, do a road test.
8. After road testing, double check all hardware to make sure everything is properly tightened and positioned.

Tuning The Rear Bar.



- a) Softest Setting.
 - Reduces over-steer
 - Use in rain or on slick roads.
 - Use on rough or bumpy roads.
 - Increases comfort.
- b) Firmest Setting.
 - Reduces under-steer
 - Use on dry roads and tracks.
 - Use on smooth roads and tracks.
 - Do not use on wet or slick roads

Installation Instructions

Anti-Roll-Kit # e40-72-003-01-10

1990-1994 Porsche 911/964 Carrera 2

Kit Contents	Description	Part Number	Qty
	Front Bar	AS41-72-003-01-FA	1
	Anti-Roll Hardware Kit	AK41-72-003-01-FA	1
	Front Bushing	UB0023	2
	Information Kit	EPAK	1
	Instructions	E40-72-003-01-10INST	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.**
- **Tire Rotation:** In order to increase the life of your tires, it is recommended to rotate your tires every 3,000 miles.

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 underbody cover and front wheels. **(See Photo 1)**



Photo 2

3. Loosen and remove the nuts that secure the end links to both ends of the OE anti roll bar as shown. **(See Photo 2)**



Photo 3

4. Loosen and remove the hardware that secures the driver and passenger side bushing brackets to the subframe. (See Photo 3)



Photo 4



Photo 5



Photo 6

5. Push upwards on the bar, then, slide the bar rearward just enough to disengage the bushing brackets from the forward locating slot, then remove the brackets and bushings. (See Photos 4, 5 & 6)



Photo 7

6. Turn the driver side wheel about 5 degrees to the left. **Note:** This is done to help in the removal of the front bar which will be slid out the driver side of the vehicle. (See Photo 7)

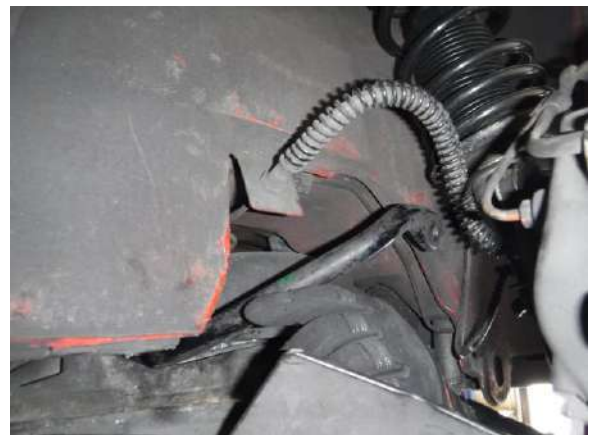


Photo 8

EIBACH FRONT BAR INSTALLATION



Photo 9



Photo 10

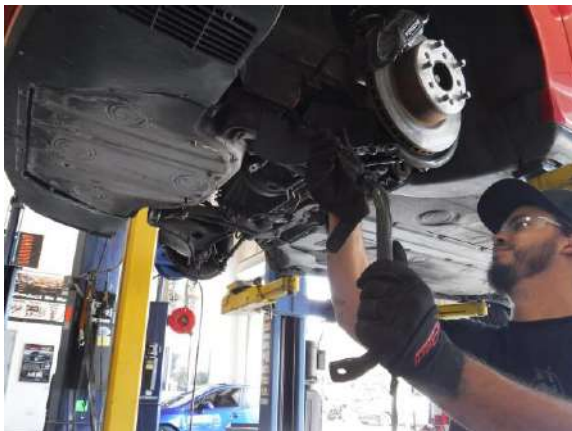


Photo 11

7. Slide the bar towards the driver side, then, rotate the bar upwards to clear the strut and brake line, then, once the bar is past the brake assembly, rotate the bar downward and out the side of the vehicle. (See Photos 8, 9, 10 & 11)



Photo 12



Photo 13



Photo 14



Photo 15

1. Install the Eibach bar from the driver side in the reverse order of the removal of the OE bar. **Note: Leave the plastic wrapper on the bar to keep the bar from being scratched during the install. It can be removed once the bar is located into the chassis. (See Photos 12, 13, 14, & 15)**



Photo 16



Photo 17

2. Lube the provided bushings with the supplied lubricant, then, install the bushings onto the bar as shown. **(See Photos 16 & 17)**



Photo 18

3. Install the factory bushing brackets as shown. **(See Photo 18)**



Photo 19

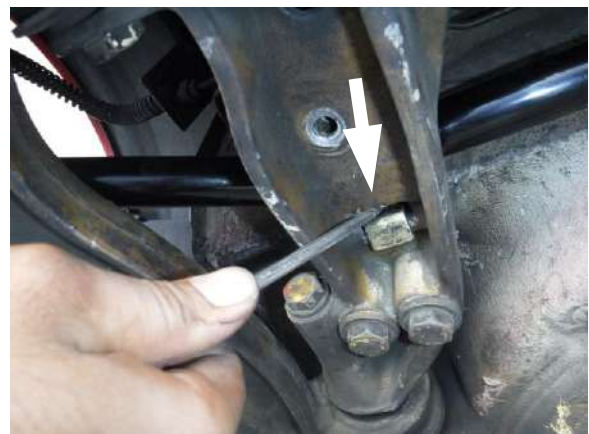


Photo 20



Photo 21



Photo 22

4. Rotate the bar/brackets up and forward to engage the bracket locating tab into the slot on the subframe. Use a flat blade screw driver to force the bracket forward making sure the bracket is fully engaged into the retaining slot, then, secure the bracket with the OE hardware as shown. (See Photos 19, 20, 21 & 22)



Photo 23

5. Secure the end links to the ends of the Eibach bar using the OE hardware. (See Photo 23)



6. Double check to make sure everything is properly tightened and positioned, then, you can reinstall the underbody cover.

Tuning the Front Bar.

FRONT

- a) Full Rear / Softest Setting.
 - **Reduces** under-steer
 - Use in rain or on slick roads.
 - Use on rough or bumpy roads.
 - Increases comfort.
- b) Full Forward / 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.

