
Vorshlag Motorsports E36/E46 Motor Mount Installation Guide

Thank you for purchasing your new motor mounts from Vorshlag Motorsports. In order to ensure proper installation and longevity of your kit, Vorshlag Motorsports recommends that you have your motor mounts professionally installed by a reputable shop.

These instructions are basic guidelines for cars that currently have stock motor mounts. **Removal and replacement of these mounts follows identically to the Bentley Manual. These instructions are designed to supplement those found in the Bentley.** Instructions for your car could be slightly different as well as starting points for installation. Socket sizes may vary. Please see the last page for assistance.

Tools Required:

Floor Jack

Jack Stands

Engine Hoist/Brace, proper chains and hardware to attach to motor

16 mm socket (standard and deep) and ratchet

Torque Wrench

Installation Steps:

1. Review the contents of your Vorshlag Motorsports motor mount kit to insure that all required parts are included.

Your kit should consist of:

- a. 2 Bottom Mounts (identified with studs in them)
- b. 2 Top Mounts (smaller diameter aluminum piece)
- c. 2 Nylon Spacers
- d. Hardware installed on motor mount

2. Raise your vehicle and support it with jack stands.

****Please refer to your vehicle's owner manual for proper jacking procedure.
NEVER work under an unsupported vehicle!***

3. Remove front wheels from vehicle.

4. Using the engine hoist, attach to the front eyelet on the engine and jack the hoist until your chain is slightly tight. Alternatively, you can use an engine support brace, but you will have to lower the K member more.

5. Place a jack under the K member using a block of wood between the K member and jack.

6. Using a socket and several extensions, remove the top nuts of the stock motor mounts. A swivel and several extensions with a deep socket 16mm should be sufficient.

7. While under the car, remove the bottom 16mm nuts of the motor mounts.

8. Slowly raise the motor by jacking the engine hoist. Be careful not to crack the wiring harnesses found on the firewall. You do NOT need to jack any further than to where the engine touches the plastic covering.

9. Loosen the 4 bolts (2 driver side, 2 passenger side) that hold the K member in place. You do not have to completely remove the bolts.

10. Slowly lower the jack that is placed under the K member. The mounts should come loose and be easy to remove. If they are not easily removed, lower the K member until you have enough clearance.

11. Place the Vorshlag motor mount in the place of the stock mount. The new motor mounts have indexed bottoms so that you can place them in the correct location. The studs on the new mount are slightly longer. You may have to lower the K member more or twist the mount to install.

12. Turn the mount until the index key falls into place. Passenger side mounts can reuse the heat shield. It is recommended that you reinstall

the heat shield. The top mounts have holes drilled to fit the heat shield's index tab.

13. Reverse the instructions to install the mounts and torque to factory specs.

You are now ready to enjoy your new motor mounts!

Note to users:

You will notice an increase in vibration below 1000 rpm. Most if not all vibration disappears above this point. You will immediately notice that shifting is easier, throttle and braking inputs are smoother.

Vorshlag Motorsports LLC

“We don't make the cars you drive, we make the cars you drive *faster*.”

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HELP!! If you find yourself in a bind during the install, call 214-227-8670 Option 5