

BMW E46 Rear Solid Bearings

*Always use certified licensed technician/s for installation

Introduction:

- This kit will fit BMW E46
- Enhance your E46's rear suspension performance with our solid bearings. This kit is designed to provide greater feedback to the driver.
- This kit comes with spherical bearings which are readily available in the market and easy to replace as well if you ever needed.
- Tools and equipment required for installation:

Floor Jack, Jack Stands, Ball joint press, Die grinder, Wrenches, Sockets, Plier, Torque Wrench

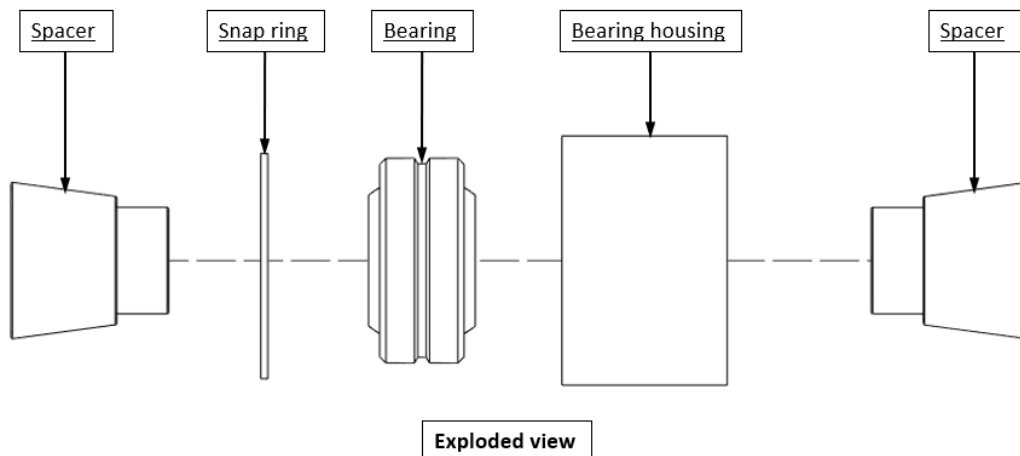
Step 1: Preparation

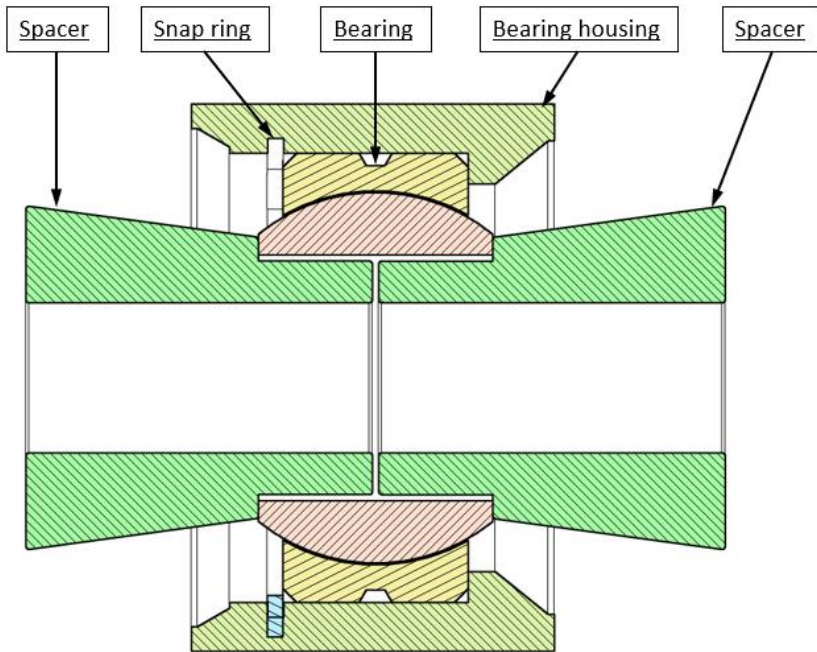
- Ensure the car is parked on a level surface and the wheels are chocked to prevent accidental movement during installation.
- Safety First - Disconnect the negative terminal of the battery to avoid any electrical accidents while working on the car. In addition to chocking the wheels and disconnecting the battery, it is essential to wear appropriate safety gear and clothing, including closed-toe shoes, long sleeves and safety glasses.
- Lift the car using a jack or Hoist making sure to position it securely under the recommended lifting points. Then, place the jack stands for additional support before beginning any work.

Step 2: Rear Suspension removal

- Remove the wheels, brakes, and any components obstructing access to the rear suspension.
- Unbolt the factory suspension components, such as toe arms and control arms. Be cautious not to damage any surrounding parts during this process.
- Once the factory components are removed, the stock knuckle should be taken for the installation of new solid bearings.
- Remove the existing rubber bushings from the knuckle using the ball joint press.

Step 3: Solid bearing Installation





Assembled cross-sectional view of FDF solid bearings for BMW E46 is shown in the image.

- Clean the inner circumference of rubber bush housings to make way for the new bearing housing.
- Center the new bearing housing in a way so that the snap ring should be installed from the front side of the car.
- Weld the new bearing housing in the knuckle.

Click on the link below to watch the install video:

<https://www.youtube.com/watch?v=1GYumPeHf9I>

Step 4: Reassembly

- Assemble all the components back in the same way they were removed using the OEM fasteners.
- Double-check all connections and fastenings for any loose or improperly secured components.
- Reinstall the wheels and brakes.
- Lower the car back to the ground.

Step 5: Test Drive

- Before fully utilizing the car, take it for a test drive in a safe area to assess how it responds to the new bearing installation. Pay attention to any issues, unusual noises, or handling quirks that may require further adjustments.
- Take notes of any issues and adjustments needed during the test drive and address the issues.

Conclusion:

Always remember to prioritize safety during any car modifications and always use a certified licensed technician for your installations. Bolt check regularly, recommendation is before each racing event.

Thank you for choosing FDF to enhance your driving experience.

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