

# Instructions Rear Diff Bushings

This instruction sheet should be used in conjunction with the workshop manual and proper safety procedures followed.

**Application** - BMW M5 F10  
- 2012-2016

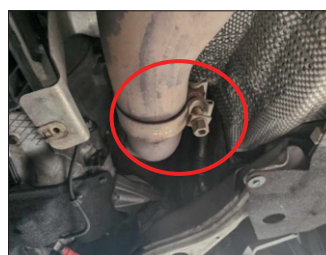
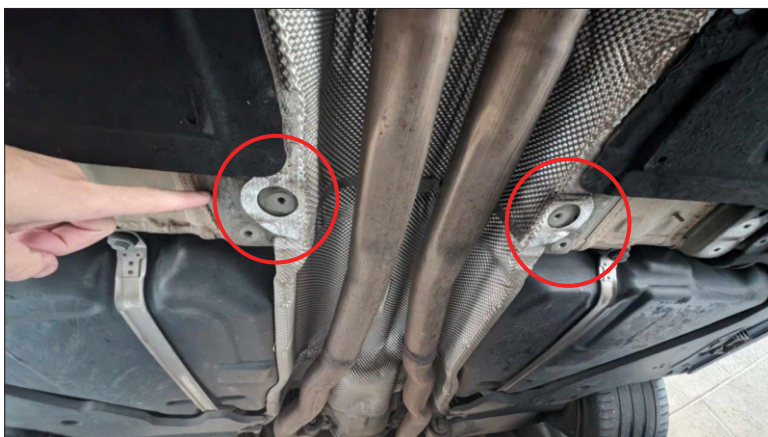
*(Always refer current catalogue listings)*

**Contents** - 2x bushing 20083Z  
- 1x bushing 20082Z  
- 2x steel tube 24.5x12.2x52mm  
- 1x steel tube 33x14.2x78mm  
- 2x steel washer 52x12.2x2mm  
- 1x steel washer 52x14.2x2mm  
- grease

- Start by raising the vehicle evenly and safely support with jack stands.

*Never rely on a Jack only*

- Proceed to remove rear wheels.
- Next, the exhaust will have to be removed, from the down pipe back. Start by removing the cross braces. Image below:



Down-pipe clamp  
Use lubricant prior to loosening.

- Once the exhaust is removed, remove the heat shield below the tail shaft.

Refer RH image:

*Refer page 2 -*



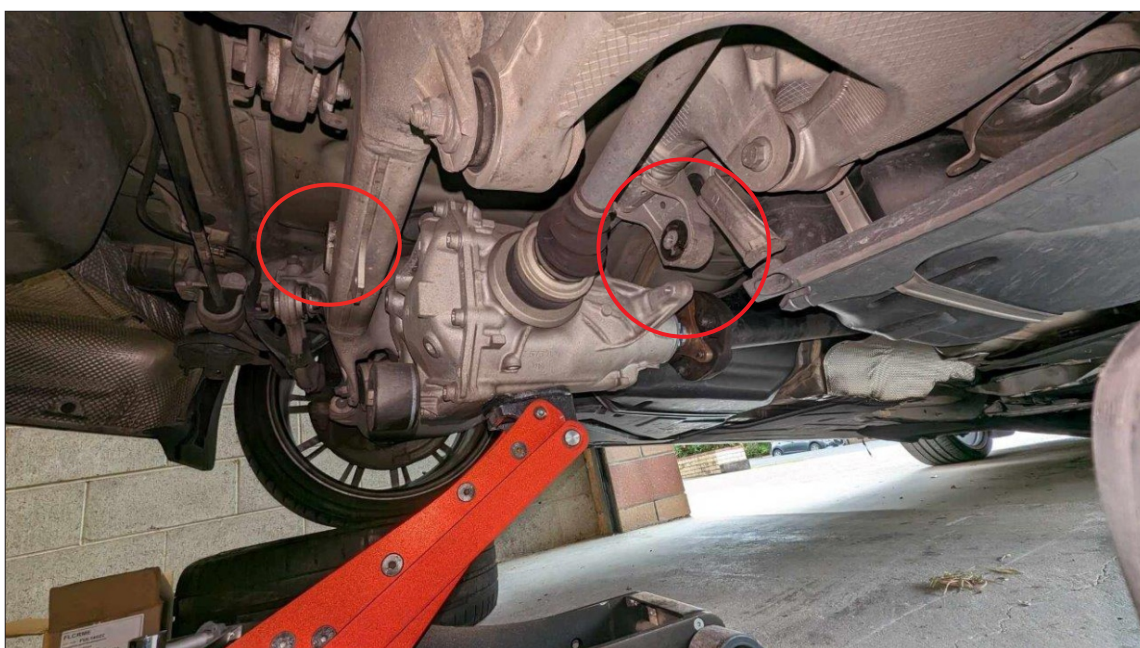
It is recommended that a licenced workshop or trades-person carry out the above procedure and that workshop manual and relevant safety procedures are followed in addition to the above.

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- Using a Jack, support the differential - as per below image.
- Note the 3 mount points:



- Remove the original bushings including the outer shell. This can be achieved with a threaded puller with appropriate size steel cups.

Alternatively, the bushing can be cut out. (Cut a slit in the outer shell). If a slit is to be made, cut on the upper side of the bushing - refer LH image.

**Careful to not damage the aluminium cross-member**

- Clean the eye of any burrs or oil.

*Refer page 3 -*

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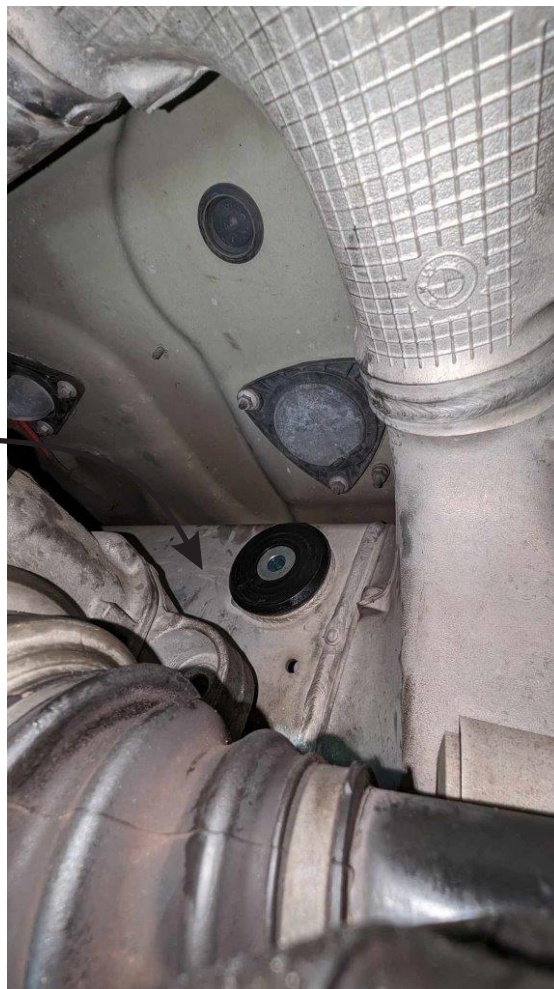
- Push new bushing 20082Z into rear mount from the front side back - refer RH image. Add a small amount of grease to aid install.

Next, push in supplied steel tube.

**Important - place supplied washer 14mm ID between the bushing face and differential.**

- Push bushing 20083Z bushings into front mounts as per below.

**Important - place supplied washer 12mm ID between the bushing face and differential.**



- Bolt diff back up to vehicle with original bolts.
- Re-fit heat shields and exhaust.
- Road test vehicle.
- Re-check all nuts and bolts after 500kms/miles

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