

febi 192870, 198864



To fit: Mercedes-Benz V-Class,
Valente, Viano, Vito (639)



Differential Mounting

Problem

Over time, the rear differential bushes on the vehicles listed above can become worn and require replacement. febi offers the replacement bushes individually (192870) or as a complete bracket assembly (198864). However, over the course of the production run of these models, the design of the rear differential mounting bracket bush was changed.

Cause

This revised bracket design leads to potential issues with installation due to different bolt lengths.

Solution

The febi replacement differential mounting follows the updated design introduced by the manufacturer. As a result, the replacement bush being fitted may differ in appearance from the one being removed from the vehicle.

Due to this design change, the retaining bolts removed from vehicles equipped with the original bush are too long to use with the new bush. The correct replacement bolts have a threaded length of 90 mm and are available from Mercedes-Benz under part number **N910105014026**.



Before removing the differential mounting bracket, mark its position relative to the vehicle body, as the elongated mounting holes allow the bracket to be adjusted.

The two bolts that retain the bracket to the vehicle's body are known to corrode in the threads. As such, care must be taken when removing these bolts as the corroded bolt could damage the thread within the body upon removal.

For more technical information please visit: partsfinder.bilsteingroup.com

Support the differential, remove all four retaining bolts and remove the bracket. Inspect, clean and repair any threaded holes as necessary.

If the bushes are being replaced, use a suitable hydraulic press and ensure the correct alignment and orientation of the new bushes when installing them into the bracket. Install the new or repaired differential bracket using new bolts if required, then tighten them to the manufacturer's specified torque settings:

Bolt through bush to rear differential: Stage 1 50 Nm, Stage 2 90°

Bolt through bracket to the body: 72 Nm

