

TO: OUR MERCEDES-BENZ PASSENGER CAR DEALERS

DATE: March 1994

REF. NO. 35/76

SUBJECT: ALL MODELS

A. PULLING REAR HUB USING NEW REMOVAL AND INSTALLATION TOOL

B. ELIMINATION OF THE 8MM THREAD FROM THE OUTER REAR AXLE SHAFT

A. PULLING REAR HUB USING NEW REMOVAL AND INSTALLATION TOOL

When pulling the rear hub from the double-row tapered wheel bearings, the pulling effort needed for removal may become excessive. This may result from tolerance variations or corrosion between the tapered wheel bearings and rear hub. In this event, the previously used removal and installation tools (part nos. 140 589 00 61 00 and 201 589 00 61 00), will be ineffective. A new, reinforced removal and installation tool (part no. 140 589 03 61 00) is now available.

Support is provided by 6 bolts (010b, Figure 1) outside the rear hub on a support plate (010d).

The removal and reinstallation procedure, in principle, has remained the same and wider applications for the tool are now possible (Figures 1 and 2).

- 7 Wheel carrier
- 8 Double-row tapered wheel bearing
- 10 Rear hub
- 010 Puller/Installer
- 010a Thrust washer
- 010b Support pin
- 010c Threaded bolt
- 010d Support plate

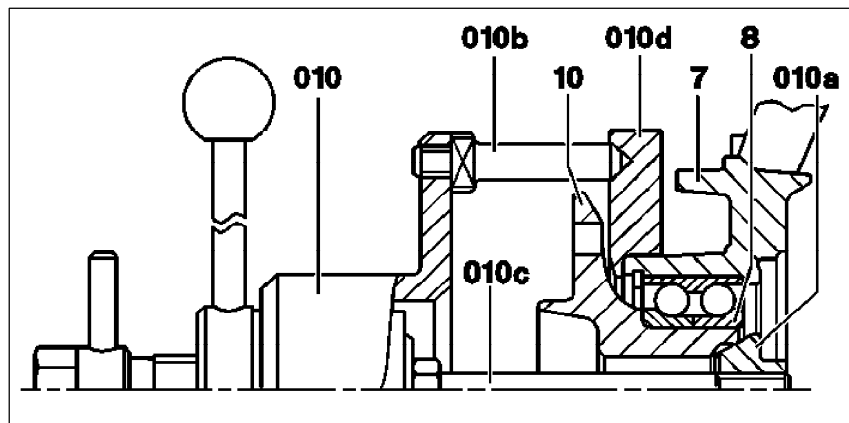


Figure 1

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Procedure

1. Remove back parking plate and park brake assembly (see Special Tools, Job No. 42-0530).
2. Two support plates (010d, Figure 2) are available for:
 - Models 124, 129, 201 and 202.
 - Model 140
3. Pull rear hub from the inner bearing race, making sure that support pins (010b, Figure 2) are properly seated in the centering holes of the support plate (010d).
4. In the event the hub cannot be pulled using the Special Tools, remove the rear nut. Press out the hub using a hydraulic press while leaving the removal and installer tool installed. (Hydraulic pressure exceeding 2 tons may occur, Figure 2.)

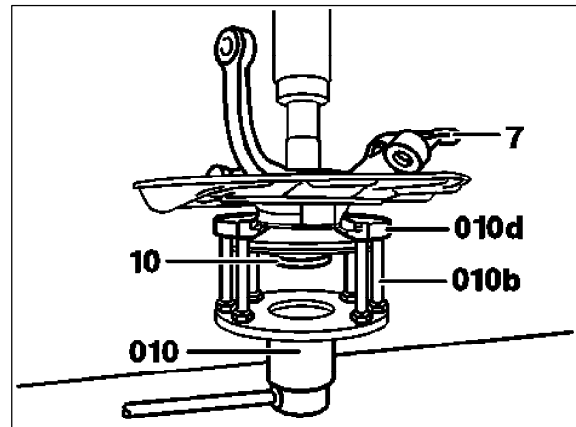


Figure 2

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Special Tools

Part Name	Part Number	Group	Price
Removal and installation tool complete	140 589 03 61 00	C	\$ 895.00
Components:			
Support plates for Model 124, 129, 201 and 202	140 589 03 61 14	C	\$ 137.00
Pins (set of 9)	140 589 03 61 32	C	\$ 234.00

B. ELIMINATION OF THE 8MM THREAD FROM THE OUTER REAR AXLE SHAFT

As of August 1993, the 8 mm threaded hole in the outer end of the rear axle shaft has been eliminated. A blind hole with a 6.4 mm diameter is still provided.

Repair procedure

In the event the rear hub binds to the wheel bearing race during removal, an 8 mm thread must be cut into the blind hole provided in the axle shaft (Figure 3). This will allow for the use of the removal and installation tool to remove and install the axle shaft.

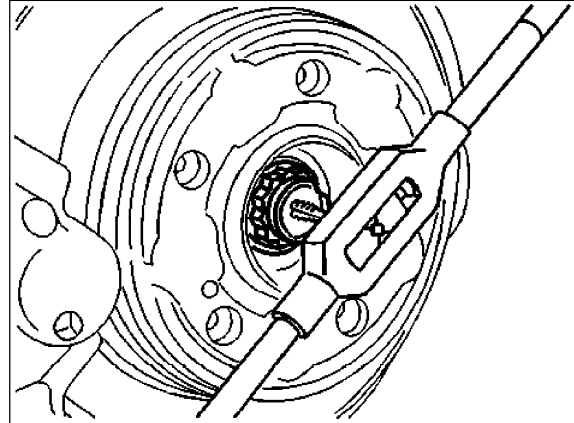


Figure 3

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