

**Special Tool**

Aligning fixture for front and rear axle on measuring pit

115 589 18 23 00

**Note**

When using rotary supports for the front wheels the vehicle must remain properly located in relation to the measuring pit or the optical axle measuring unit while the measurements are made.

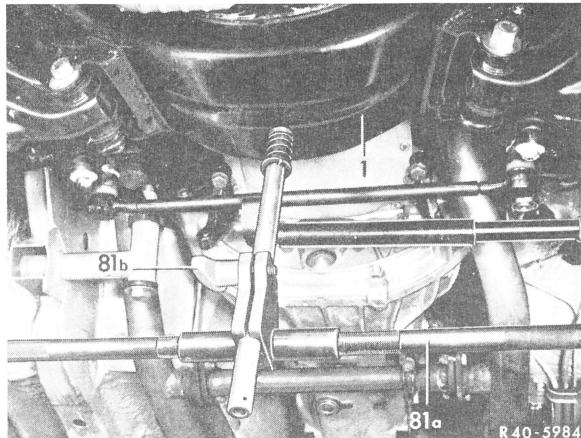


Fig. 1

Front axle

Model 107, 114, 115

1 Front axle carrier  
81 Aligning fixture for front axle

81a Clamping piece for attachment to measuring pit  
81b Clamping bolt for height adjustment

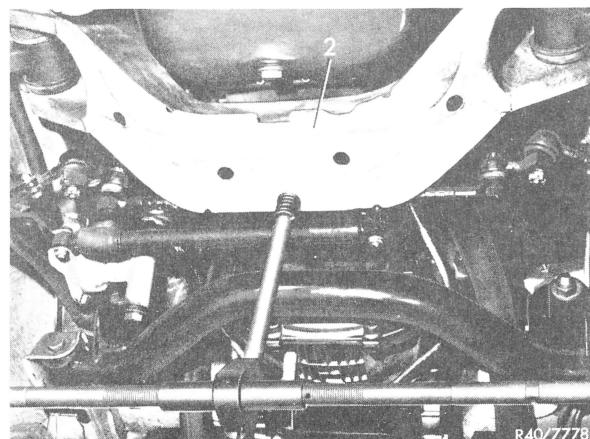


Fig. 2

Front axle

Model 116

2 Frame cross member for front axle

The required aligning fixture is supported on the edge of the pit and is in contact with the vehicle at the front and rear axle (Fig. 1 to 4).

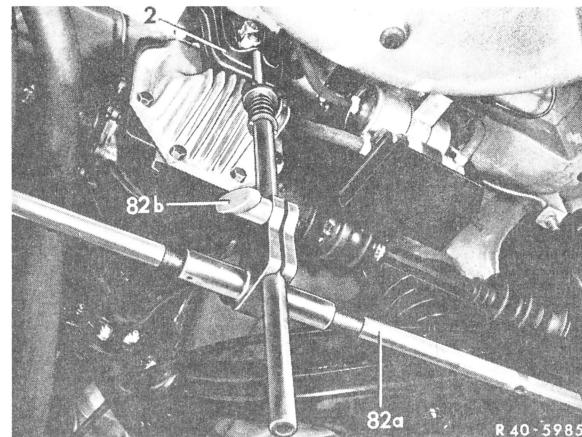


Fig. 3

Rear axle

Model 107, 116

Model 114, 115 2nd version of rear axle suspension

2 Rubber mounting for sus- 82a Clamping piece for pension of rear axle attachment to measuring pit  
82 Aligning fixture for rear 82b Clamping bolt for height axle adjustment

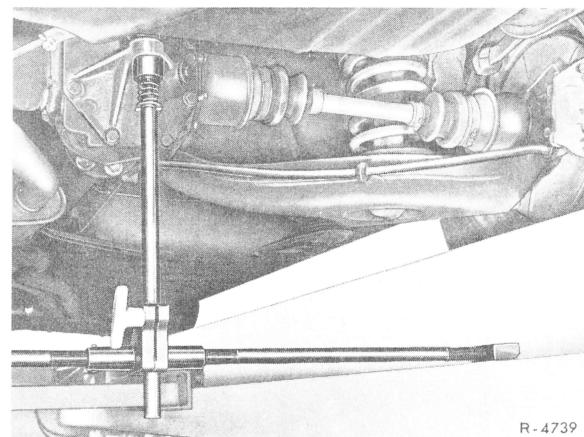


Fig. 4

Rear axle

Model 114, 115 1st version of rear axle suspension



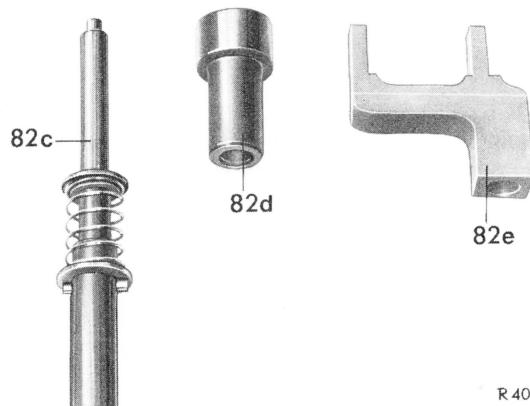
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## Aligning Vehicle Above Measuring Pit

This eliminates the repeated alignment of the vehicle within the optical square, since the position of the aligning fixture following the adjustment in relation to the axle measuring unit upon installation remains constant.

On models 114, 115 with rear axle suspension 1st version, the rear axle is positioned via the hexagon socket screw on rear axle housing.

For this purpose, slide supplementary bolt (82d) over receiving bolt (82c) (Fig. 5).



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Fig. 5

- 82c Receiving bolt
- 82d Supplementary bolt
- 82e Supplementary yoke

**Note:** The supplementary yoke (82e) is required only for vehicle models 108, 109, 110, 111 and 113 with single-joint rear axle.