

Revision: New layout of measuring pit.

Conventional Tools

Rotary supports for front wheels	Beissbarth	P 1/03 (with graduated scale) P 1/89 (without graduated scale)
	Bosch	EFAW 423
Sliding supports for rear wheels (1.0 m long)	Beissbarth	P 1/109
	Bosch	EFAW 406

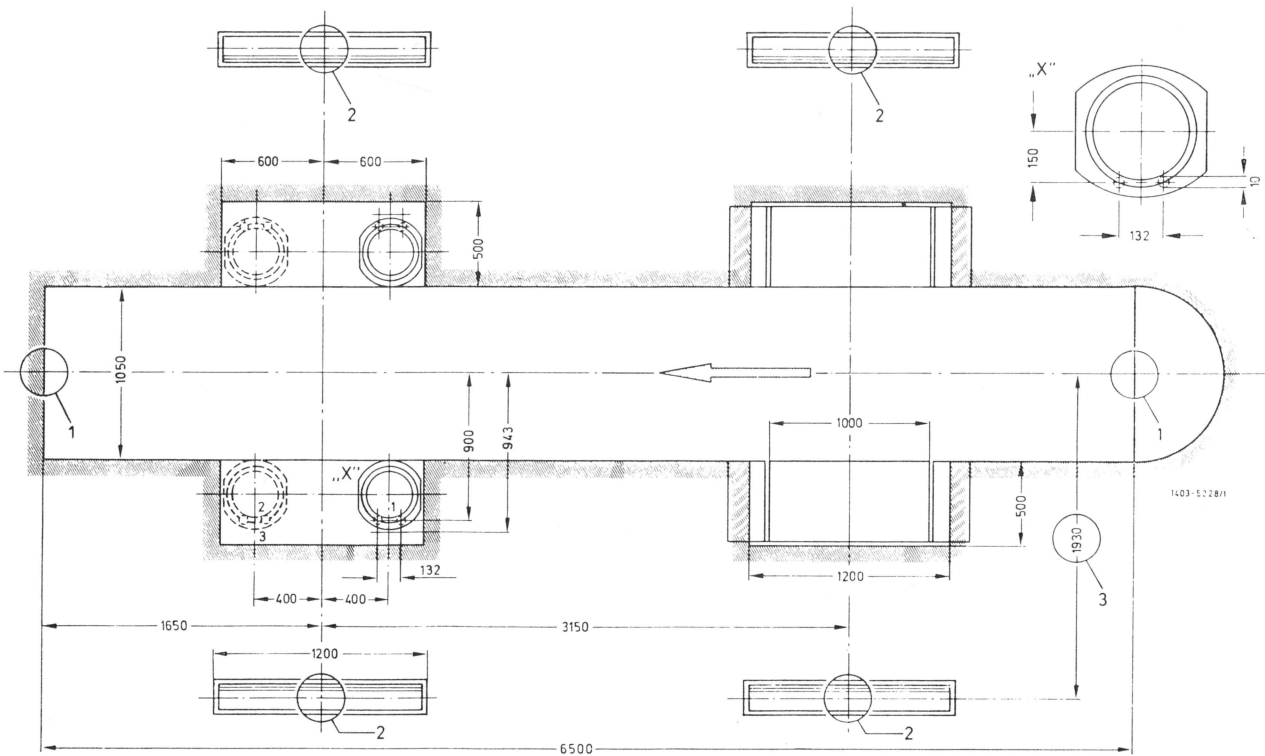


Fig. 1  
Measuring pit with two slidable projectors  
Layout of rotary supports for front wheels and sliding supports for rear wheels  
1 Pit center                      2 Center of installation frame                      3 For projectors distance pit – installation frame

Positions of Rotary Supports for Receiving Front Wheels (Fig. 1)

Model	Wheel Base	Measuring Range	Positions of Rotary Supports for Front Wheels
107	2,400 to 2,965	Total measurements	1

# 40.1

## Positioning of Wheels

### Note

Checking the wheel position requires mounting the front wheels on rotary supports running in ball bearings and mounting the rear wheels on sliding supports running on roller bearings. The use of shells for the front wheels is not permitted.

To prevent rolling motions of front wheels, install pedal winch at brake pedal (40.0–200).

### Positioning of Front Wheels

Secure base of rotary supports for holding front wheels by two pins each on floor against slipping when driving vehicle on support.

Prior to driving vehicle on measuring pit or lowering vehicle, move top of rotary supports into correct locating position (Fig. 2 and 3).

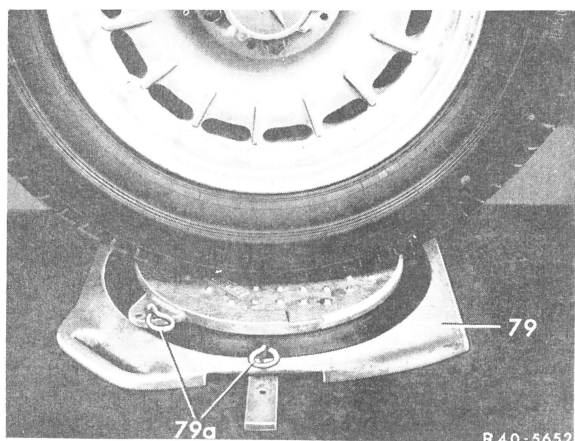


Fig. 2

Center position = locating position for driving vehicle on support **without subsequent lifting** of vehicle when using quick-acting clamps for wheel reflector mirror

79 Rotary support

79a Holding pins

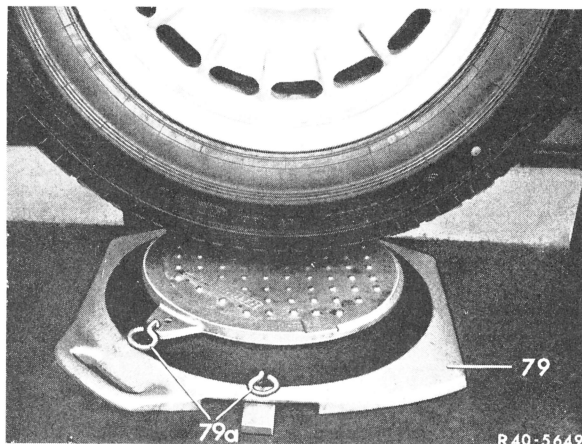


Fig. 3

Inside position = locating position for **lifting and lowering** vehicle when using universal clamps for wheel reflecting mirror

79 Rotary support

79a Holding pins

### Positioning of Rear Wheels

Secure base of sliding supports for positioning rear wheels similar to rotating supports of front wheels by means of two pins on floor against slipping when driving vehicle on support.

The top of the sliding supports for the rear wheels will locate itself under no-load condition and with the clamping fixture released in inner portion of slide range. For driving vehicle on support and lowering vehicle after centering the wheel reflecting mirrors, no fastening of tops is required (Fig. 4).

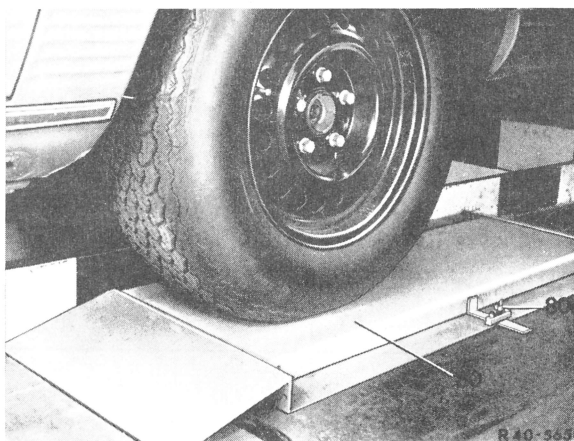


Fig. 4

80 Sliding support

80a Clamping fixture