

Removal and Installation of Fuel Level Indicator

Job No.

47-2

On Models 180 to 220 SE the removal and installation procedures for the fuel level indicator are the same as on Model 190. Please note that the fuel level indicator should only be installed with the fuel-resistant sealing compound Teroson LB 1020/1 since all other sealing compounds are soluble in gasoline.

Note: On Models 190 SL, 220 a, and 220 S with reserve fuel line (without warning light) the fuel level indicator has only one electrical connection. On recent cars the float of the fuel level indicator has been made rattle-proof when the tank is completely full or completely empty.

Testing of Fuel Level Indicator

Job No.

47-3

Remove the fuel level indicator (see Job No. 47-2).

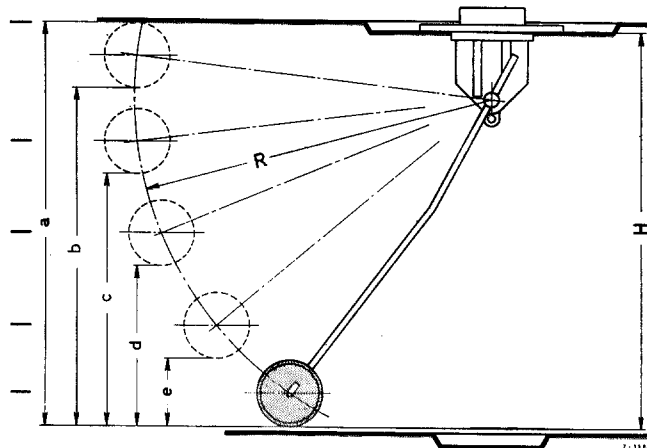


Fig. 47-3/1

Testing Procedure:

1. With the float lever swinging freely check the distance "H" from the lower edge of the float to the flange of the fuel level indicator. This distance should be on Models:

180, 180 a, 180 b, 180 D, 180 Db, 190 D, 190 Db, 219	(56 liters tank capacity) = 172 mm
190 SL, 220 a, and 220 S	(64 liters tank capacity) = 194 mm
220 SE	(60 liters tank capacity) = 179 mm

2. Check the length "R" of the fuel level indicator from center fulcrum to center float. It should measure on Models:

180, 180 a, 180 b, 180 D, 180 Db, 190 D, 190 Db, 219	R = 151 ± 2 mm
190 SL, 220 a, and 220 S	R = 175 ± 2 mm
220 SE	R = 159 ± 2 mm