

42-712 Removal and installation of rpm sensor on front axle

Lubricant

Molykote Longterm 2

Tightening torque

Self-locking hex. screw for attaching rpm sensor to steering knuckle

Nm

8

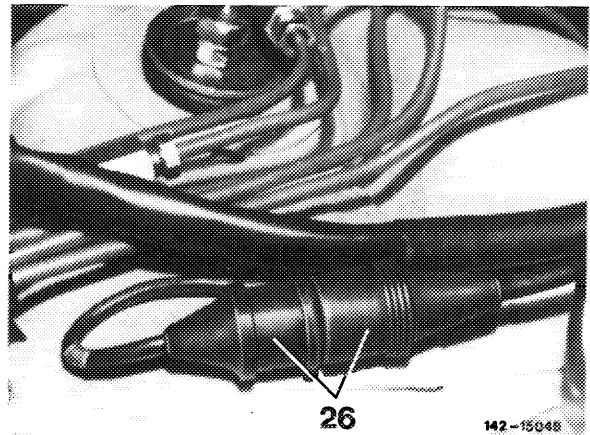
Self-locking hex. socket screws for fastening rpm sensor to steering knuckle¹⁾

22

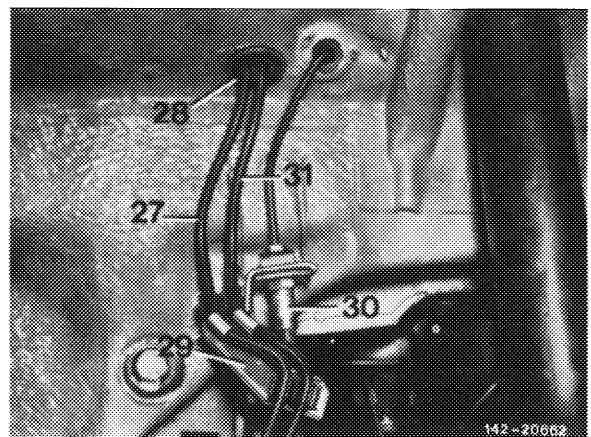
¹⁾ Starting September 1985

Removal

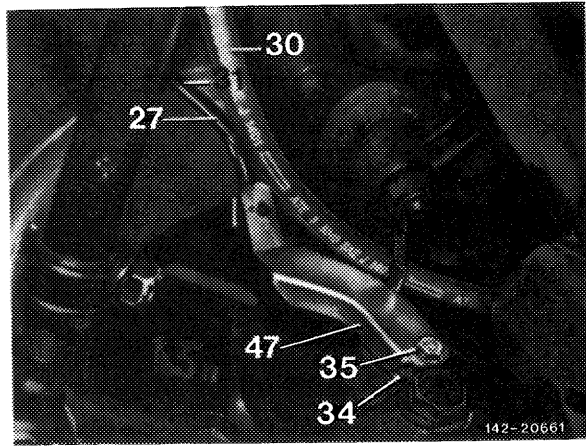
- 1 Remove front wheel.
- 2 With ignition switched off, separate coaxial plug (26) in engine compartment.



- 3 Remove cable (27) from holder (29) and pull out of wheel house through rubber grommet (28) in downward direction.

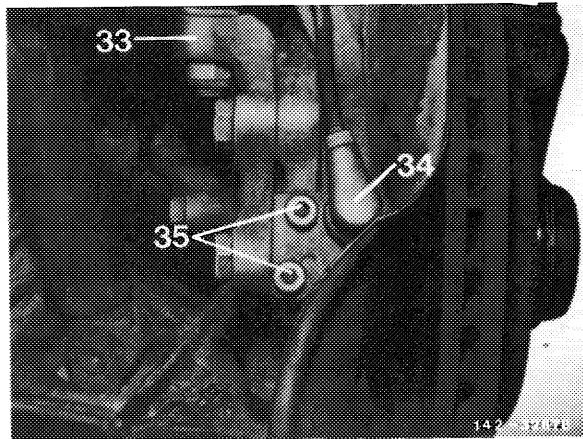


- 4 Loosen cable (27 and 31) from cover plate.
- 5 Loosen hex. screw (35), remove cover plate (47) and pull rpm sensor (34) out of steering knuckle.



Version up to September 1985

- 6 Loosen hex. socket screws (35) and pull rpm sensor (34) out of steering knuckle (33).
- 7 Remove rpm sensor complete with cable.



Version starting September 1985

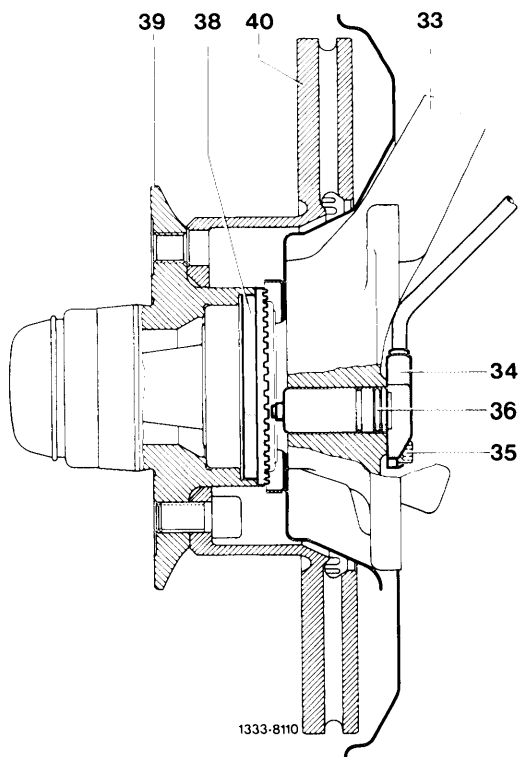
Installation

Version up to September 1985

Attention!

The rpm sensors are provided with different protective plates at left and right. They are identified by an L or an R punched into protective plate.

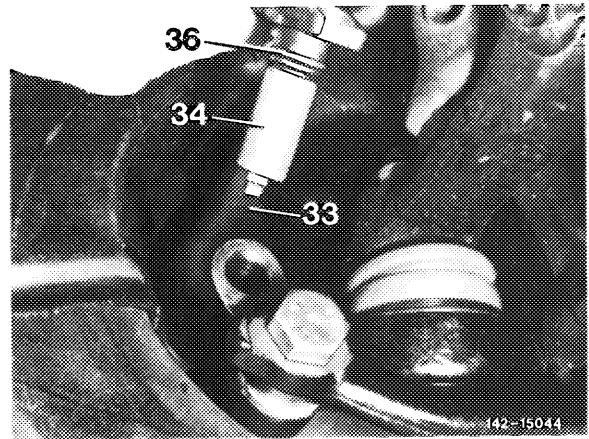
Prior to installation make sure that no metallic foreign bodies are held on magnetic edges of rpm sensor. Then coat rpm sensor and bore in steering knuckle with Molykote Longterm 2 lubricant.



- 33 Steering knuckle
- 34 Rpm sensor
- 35 Hex. socket screw
- 36 O-ring
- 38 Teeth (rotor)
- 39 Front wheel hub
- 49 Brake disk

1333-8110

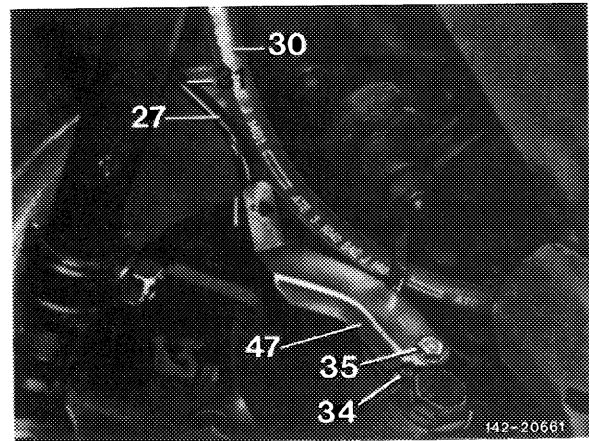
8 Replace O-ring (36) on rpm sensor, mount rpm sensor (34) on steering knuckle, making sure that the O-ring (36) is not damaged and that rpm sensor rests with its flange against steering knuckle. Do not use force.



9 Fasten rpm sensor and protective plate (47) with hex. screw (35) to steering knuckle. Tightening torque 8 Nm.

Note: The self-locking hex. socket screw may be used only once.

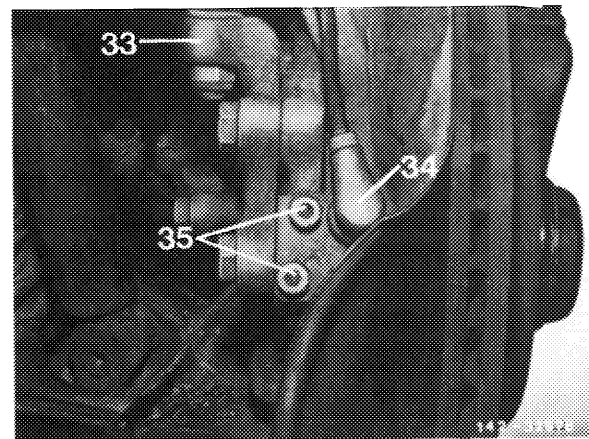
10 Clip cable (27 and 31) to cover plate (47).



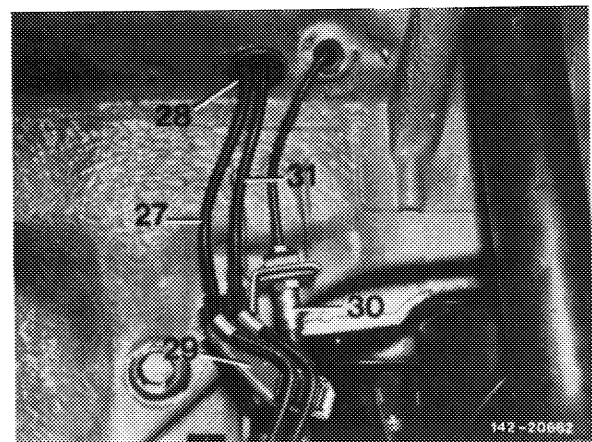
Version starting September 1985

11 Fasten rpm sensor (34) with new self-locking hex. socket screws (35) to steering knuckle (33). Use screws only once. Tightening torque 22 Nm.

Make sure that the rubber grommet between rpm sensor and steering knuckle is installed and that the rpm sensor rests with its flange against steering knuckle. Do not use force!



12 Clip cable (27) to holder (29) and pull through rubber grommet (28) into engine compartment.



- 13 Renew O-ring (37). Connect coaxial plug (26).
- 14 Mount front wheel.
- 15 Complete test program (42–720).

