Special tool

Clamp for hose lines

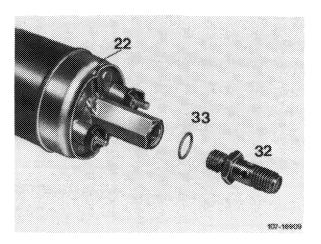


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Note

Since April 1980 the fuel pump is provided with a special coating on roller running surface, an exchangeable check valve, and with a plastic sleeve to prevent contact corrosion.

The check valve has been moved outwards and can be separately replaced in case of a breakdown.



- 22 Fuel pump
- 2 Check valve
- 33 Sealing ring

When changing fuel pump, make sure that the plastic sleeve is mounted between fuel pump and holder. Sleeve should project on both sides of holder, since direct contact between fuel pump and holder may lead to contact corrosion.

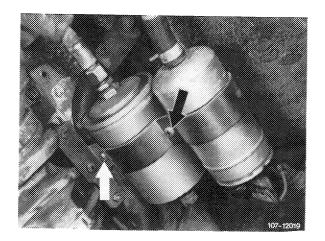
Removal

- 1 Unscrew protective box.
- 2 Pinch fuel suction hose (1) with a clamp.



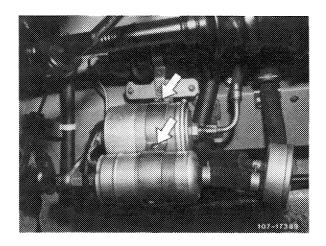
1st version

- 3 Loosen fuel hoses, pull off and unscrew.
- 4 Disconnect electric connecting cables.
- 5 Loosen fastening screw (arrow) and remove fuel pump.



2nd version

- 6 Loosen fuel line on fuel filter and fuel reservoir. Loosen fuel line on fuel pump, pull off and unscrew.
- 7 Disconnect electric connecting cable.
- 8 Loosen fastening screw (arrow) and remove fuel pump.

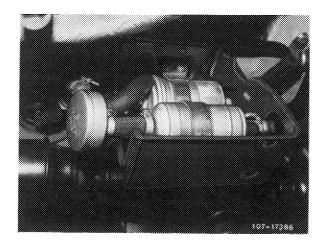


Installation

9 For installation proceed vice versa using new sealing rings.

Pay attention to perfect installation of fuel hoses, as well as to correct polarity. Terminals should be horizontal in installation position.

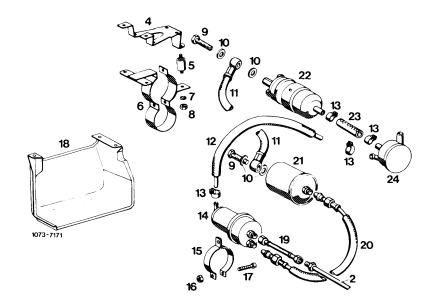
- 10 Locate fuel pump with plastic sleeve in holder. Plastic sleeve should project on both sides of holder, since direct contact between fuel pump and holder may lead to contact corrosion.
- 11 Remove clamp on fuel suction hose.
- 12 Run engine and check for leaks.
- 13 Mount protective box.

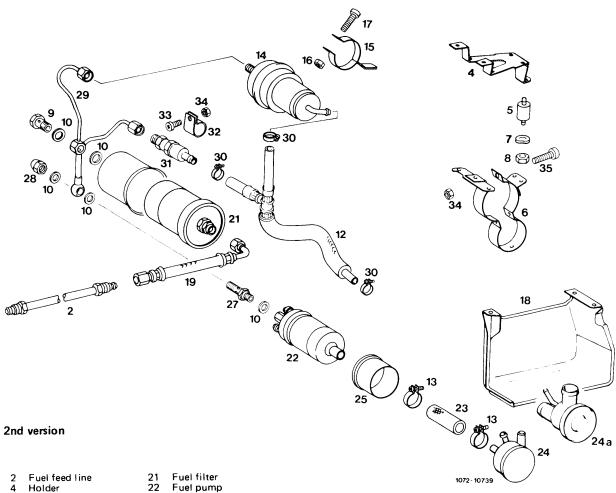


1st version

- Fuel feed line
- Holder
- Vibration damper
- Holder Circlip
- Nut Hollow screw
- Sealing ring
- Fuel hose
- 12 13 14 15 Fuel hose
- Hose clamp Fuel reservoir Holder
- Nut
- Screw Protective box Fuel hose Fuel hose 17 18 19 20 21 22 23 24

- Fuel filter Fuel pump Fuel hose Damper





- 2 Fuel feed line
 4 Holder
 5 Vibration damper
 6 Holder
 7 Circlip
 8 Nut
 9 Hollow screw
 10 Sealing ring
 12 Fuel hose
 13 Hose clamp
 14 Fuel reservoir
 15 Holder
 16 Nut
 17 Screw
 18 Protective box
 19 Fuel hose
- 21 Fuel filter
 22 Fuel pump
 23 Fuel hose
 24 Damper
 25 Plastic sleeve
 26 Plastic sleeve
 27 Check valve
 28 Cap nut
 29 Steel line
 30 Hose clamp
 31 Pressure relief valve
 32 Clamp
 33 Screw
 34 Nut
 35 Screw