

Kraftstoffbehälter und -leitungen

Fuel tank and lines

Réservoir à essence et conduites

Serbatio carburante e conduttore

Depósito de carburante y tubería

Bränsletank och ledningar

Benzinetank en leidingen

16 Fuel Tank and Lines

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Specifications

Fuel tank and lines

Model		320/6 320/6 A	323 i 323 i A *)
16 11 ... Fuel tank			
Total capacity	l (Imp., gal, US gal)	58 (12.75, 15.3)	
Filler cap		non-vented	
16 12 ... Electrical fuel pump (for mechanical fuel pump, see Group 13)			
Make		—	Bosch
Bosch number		—	0 580 254 982
Pattern ¹⁾		—	roller cell pump
Operating pressure (gauge)	bar (lb/in ²)	—	5 (71.1)
Delivery rate	l (Imp. pints, US quarts)/h	—	100 (176, 105)
Operating voltage	V	—	7 ... 15
Current consumption, max.	A	—	4.7
Tightening torques			
16 11 ... Fuel tank			
Fuel tank mountings	Nm kpm lb.ft	20 ... 22 2.0 ... 2.2 15 ... 16	

*) Version for Sweden

1) with permanent-magnet motor excitation

16 11 030 Fuel tanks (both) – removing and installing

Warning: The fuel tank is not provided with a drain plug.

Note fuel level and if necessary siphon off the fuel.

Remove the rear seat.

Remove the cover plate.

Detach the hoses and leads from the suction unit.

When installing:

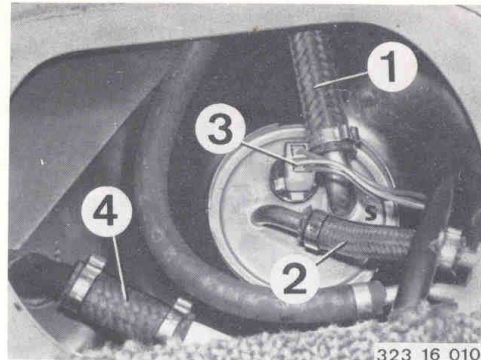
1 Suction line

2 Return line

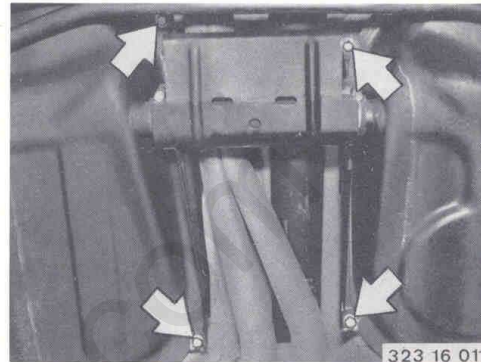
3 Cable plug

4 Tank vent pipe

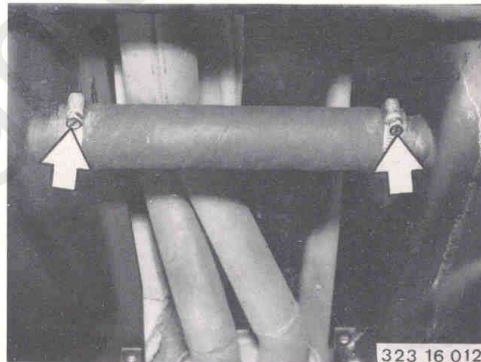
Do not re-use the old crimped hose clips.



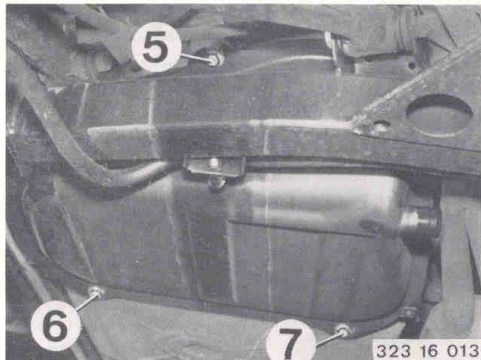
Detach guard plate.



Detach connecting hose.

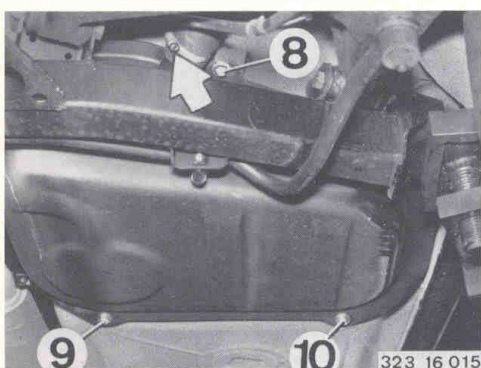


Detach left half of fuel tank:
Loosen bolt (5) and take out bolts (6) and (7).
Carefully lower tank. Note vent hose.





Detach connecting hose for vent.
When installing: use new crimp-pattern hose clips.



Remove right half of tank:
Detach hose clip for filler tube.
Loosen screw (8) and take out screws (9) and (10).
Take out the tank.

16 12 000 Fuel suction unit—removing and installing

Note: Fuel tank has no drain plug. Check fuel level and siphon off fuel if necessary.

Remove the rear seat.

Remove the cover plate.

Detach hoses and leads from suction unit.

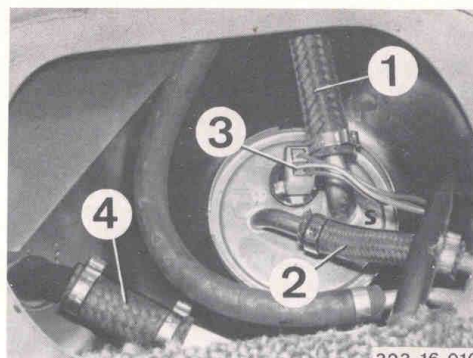
When installing:

1 Suction line

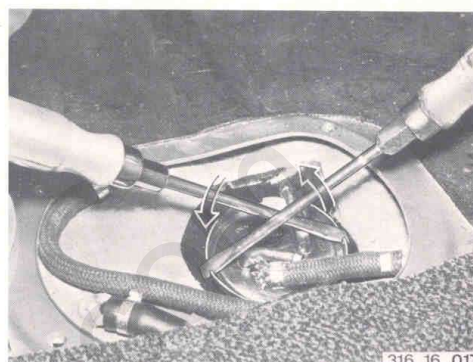
2 Return line

3 Cable plug

4 Tank vent pipe



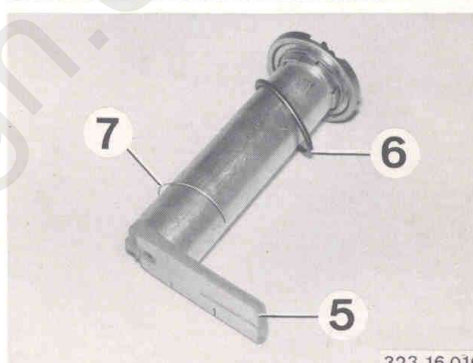
Remove the suction unit by unscrewing anti-clockwise with two crossed screwdrivers.



When installing: Clean the mesh filter (5).

The cord ring seal (6) will swell in contact with gasoline, and must therefore be renewed whenever the unit is removed.

Only when renewing the suction unit: remove the transit keeper (7).



16 12 040 Pressure storage unit – removing and installing

Apart from reducing noise and smoothing out pressure peaks, the pressure storage unit maintains a given-load pressure in the system in conjunction with the pump check valve when the engine and the fuel pump are not running.

Remove fuel pump – 13 31 030.

Detach fuel lines (1 to 3) from pressure storage unit.

Detach pressure storage unit from retaining plate.

