

FUEL PUMP

Remove and refit (either side)

19.45.08

Place the car on a ramp, NOT over a pit. Disconnect the battery. Remove the rear wheel adjacent to the pump to be removed. Drain the fuel tank.

WARNING: Take all due precautions against fire and explosion when draining fuel.

Remove the four screws securing the circular cover-plate to the rear vertical wall of the wheel arch. Withdraw the cover along the flexible hose (1, Fig. 22).

Disconnect the electrical leads from the pump (2, Fig. 22).

Release the hose clips and detach the flexible hose from the pump (3, Fig. 22).

Turn the locking flange anti-clockwise to release the pump and withdraw the pump and sealing washers, taking care to avoid damage to the filter as the pump is removed.

Discard the sealing washer (4, Fig. 22).

Remove all sealant from the pump, mounting flange and tank.

When refitting, ensure that the mounting faces of the pump flange and fuel tank are clean, and that the correct pump assembly is being refitted—C45442 is R.H. pump and C45443 is L.H. pump.

Fit new sealing washer and introduce the pump carefully into tank, securing in position with the locking flange.

Refit the flexible hose to the pump outlet pipe and tighten the hose clip screw to not more than 0,07 kgf m (6 lbf in).

Fit the electrical connections and smear the terminals with waterproof grease.

Replace the cover-plate and secure with the four screws.

Make good the sealing around the cover and screw leads by coating with Flintkote or similar protective covering.

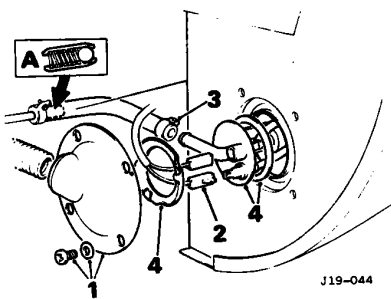


Fig. 22

NOTE: If it is found necessary to detach the forward end of the flexible hose, or to fit a new hose, it is most important that a non-return valve fitted in the forward end of the flexible hose is correctly installed. The purpose of the non-return valve is to prevent fuel from draining into the lower tank when the car is tilted, and therefore the ball must be at rear, or tank, end of fitting, as shown in illustration at 'A'.

NOTE: This type of fuel pump cannot be overhauled and must be renewed if found to be defective.

FUEL TANK

Remove and refit—either

19.55.01

Removing

Drain the fuel tank (1, Fig. 23) and disconnect the battery.

Remove the side section of rear bumper.

Remove the cross-head screws and washers securing the rear quarter fuel tank cover (2, Fig. 23).

Remove the setscrews and nuts, spring and plain washers securing the rear quarter fuel tank cover (3, Fig. 23). Remove the cover.

Remove the self-tapping screw securing the forward end of the luggage compartment side casing. Remove the casing.

Remove the four screws and shakeproof washers securing the flange of the fuel tank filler cap (4, Fig. 23).

Taking care to avoid damaging the paintwork, prise the flange (5, Fig. 23) from the body.

Pull the vent pipe (6, Fig. 23) from the stub where applicable.

Remove the gasket and 'O' ring seal.

NOTE: On carburettor cars fitted with submerged fuel pumps omit above operation and reach up between rear of tank and tail/stop/flasher light units to detach leads from the fuel gauge tank unit. (Submerged pump replaces gauge unit in forward tank aperture.) Detach the leads and flexible hose from pump before withdrawing tank.

Remove the bolt, special washer and shakeproof washer at the side of the luggage boot.

Release the fuel pipe connector at the base of the tank. Separate the connection and push the pipe carefully inwards flush with the panel (8, Fig. 23).

Remove the two bolts, special washers and shakeproof washers in the silencer tunnel and recover wedges (9, Fig. 23).

Release Nyloc nut at the hanger bolt (10, Fig. 23).

Carefully lower the fuel tank, note connections and detach the cables from the tank unit (11, Fig. 23).

On cars with an evaporative control system lower tank until vent pipe (7, Fig. 23) is accessible and detach pipe from stub.

Refitting

On cars with an evaporative control system offer up the tank and attach the vent pipe to stub.

All cars

Lift the tank and connect cables to the tank unit and submerged pump where applicable.

Lift the tank and engage the hanger bolt in bracket; secure with Nyloc nut.

Fit the bolts and special shakeproof washers at the upper and forward location. Do not tighten them at this stage.

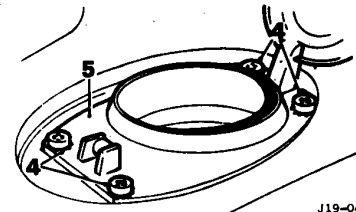
Fit the bolt, special and shakeproof washer at the rear location. Fit wedges between the fuel

tank and the side panel. Do not tighten at this stage.

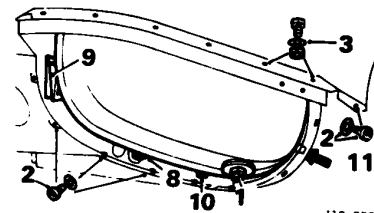
Fit new 'O' ring seal in the fuel tank neck.

Press vent pipe onto filler neck stub, where applicable.

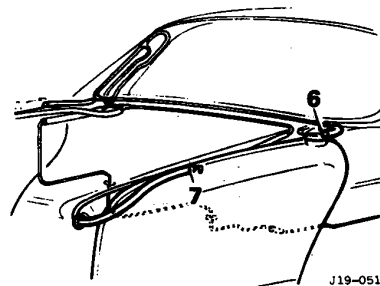
Use new gasket at the petrol filler cap flange



J19-049



J19-050



J19-051

Fig. 23

and secure using the four screws and shakeproof washers.

From beneath, firmly press the fuel tank up to locate on the filler cap flange spigot and tighten the rear mounting bolt on wedges.

Secure the hanger bolt nut. Do not over-tighten.

Tighten the remaining two mounting bolts.

Secure the supply pipe union to tank; connect the hose to pump on cars with submerged pumps.

Pour 2 to 3 gallons Imp. (9 to 13 litres) of specified fuel into the tank.

Connect the battery.

Switch on the ignition and select the fuel tank that has been changed.

Check to ensure that there are no leaks at the unions and that the fuel gauge registers. Switch off the ignition.

Fit and secure the rear quarter fuel tank cover and the side section of the rear bumper.