

MODEL: SR 50 DITECH – SCARABEO 50 DITECH

SUBJECT: INSTRUCTIONS FOR ASSEMBLING THE FUEL-RAIL CONDENSATE DRAIN KIT NO. 8276090

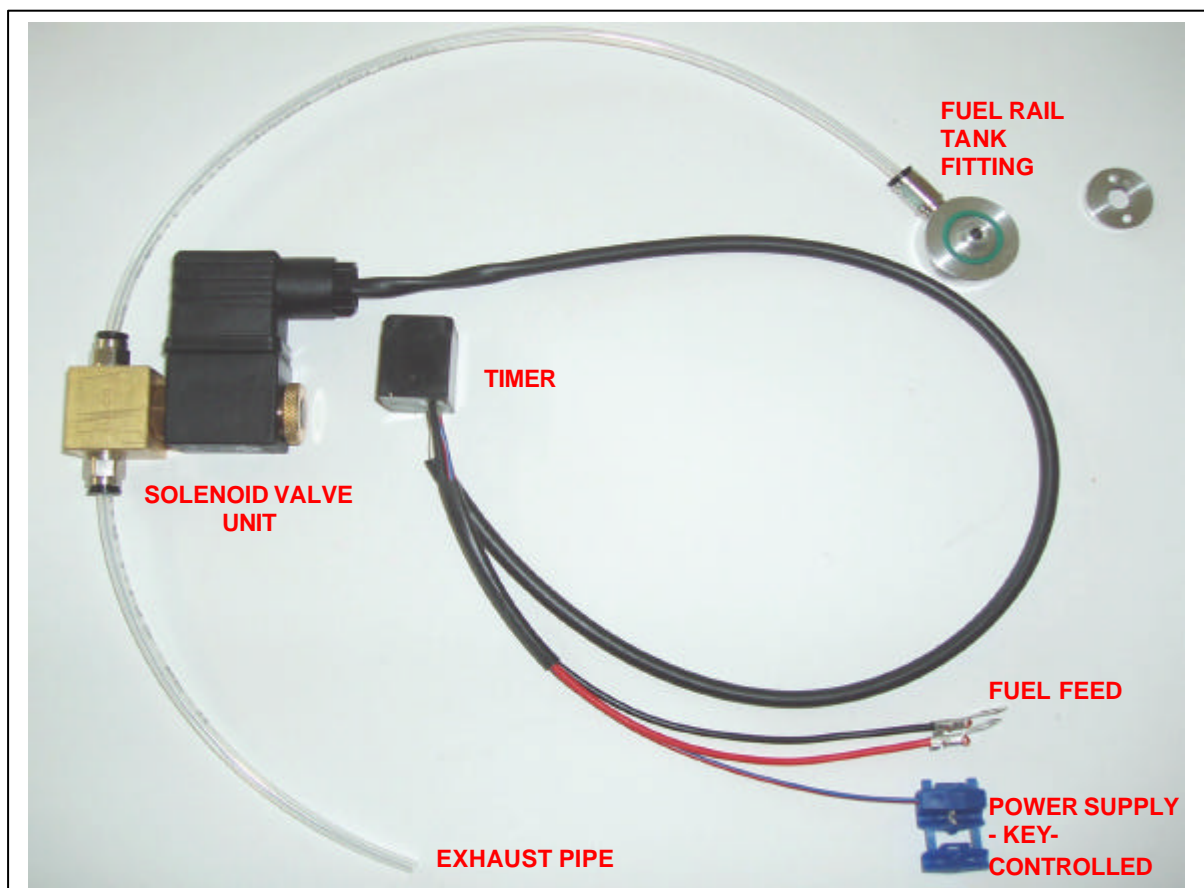
Dear Dealer,

in case excessive condensate is generated in the compressed air system, it is possible to install the condensate drain kit (no. 8276090).

This change drains the compressed air tank on fuel-rail upon every vehicle switch-off, thus preventing condensate to be accumulated for example in case of frequent start-ups, use of the vehicle for short trips and at low speed.

The kit consists of a solenoid valve managed by a specific timer and a special fitting to be installed to the fuel-rail tank.

Following is the installation procedure.



INSTALLATION PROCEDURE

- **SCARABEO DITECH:** remove the platform and the head inspection cover.
- **SR DITECH:** remove the head inspection cover and the battery.
- Loosen and remove the two fuel-rail screws.
- Loosen and remove the 3 torx screws from fuel-rail tank.
- Remove the fuel-rail tank, leave the pressure regulator in its seat.




- Remove the O-ring and the seal.
- Drill a hole exactly in the tank centre, using a 8mm drill.



- Clean, carefully blow with compressed air and deburr the surfaces.
- Fit the fuel-rail tank fitting (use high-strength loctite), screw the inner threaded ring with pliers.



 **Warning**
Check the O-ring is in the correct position.

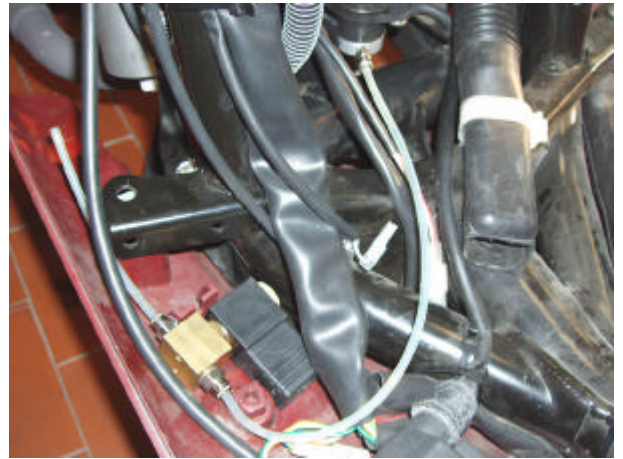
- Check the bleed valve correct position.



- Refit the seal and the O-ring.
- Refit the fuel-rail tank.
- Refit the fuel-rail.
- Check the correct fitment of the tank-solenoid valve connection hose (inlet marked "1").
- Check the correct fitment of the solenoid valve drain hose (outlet marked "2").



- **SCARABEO DITECH:** Position the solenoid valve as shown in the picture.
- **SCARABEO DITECH:** Position the drain hose so that it bleeds toward the vehicle rear end.



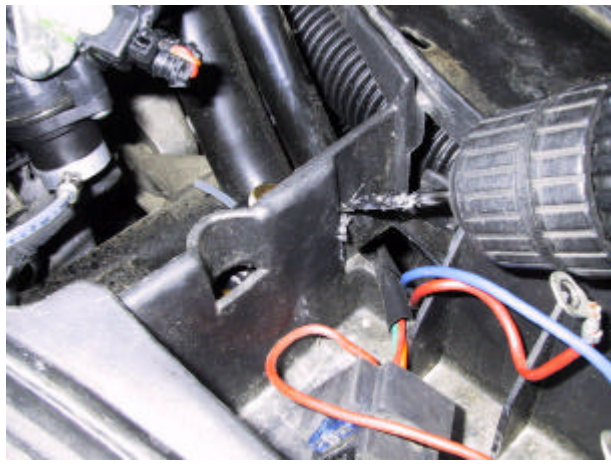
- **SCARABEO DITECH:** Move the solenoid valve wiring toward the battery, secure it with ties to the main wiring harness.
- **SCARABEO DITECH:** Remove the fuse carrier and connect the red-blue wire of solenoid valve wiring to red-green wire of 10 A fuse (key-controlled power) using the suitable adapter.



- **SCARABEO DITECH:** Connect the red and black wires with wire terminals to the battery, respect the correct polarity (red cable to positive terminal, black cable to negative terminal).



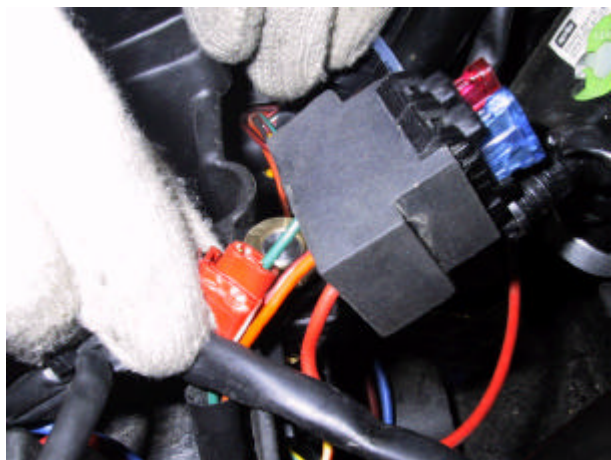
- **SR DITECH:** Remove the fuse carrier.
- **SR DITECH:** Drill a 4mm hole in the battery compartment, in the area shown.



- **SR DITECH:** Position the solenoid valve as shown, secure it with a tie.
- **SR DITECH:** Route the drain hose so that it bleeds downward.



- **SCARABEO DITECH:** Remove the fuse carrier and connect the red-blue wire of solenoid valve wiring to red-green wire of 10 A fuse (key-controlled power) using the suitable adapter.



- **SR DITECH:** Connect the red and black wires with wire terminals to the battery, respect the correct polarity (red cable to positive terminal, black cable to negative terminal).

