



AFFECTED VEHICLES:

VAUXHALL ASTRA Mk VI (J) Sports Tourer 1.7 CDTi A 17 DTJ - fabriqué entre le 2010

Symptom

Inoperative function of the climate control variable compressor.

The following symptoms are observed in the workshop:

- The electrical power supply to the compressor is correct.

NOTE: This technical note only affects those vehicles equipped with a specific type of engine.

Cause

Internal defect of the climate control variable capacity compressor.

Solution

Repair procedure:

- Replace the variable capacity compressor with a fixed capacity compressor.
- Install a jumper on connector XE2 between pin 52 (grey ring) and 53 (blue ring) with a brown/black cable from the electrical kit.
- Make a connection to pin 44 of connector XE1 with the black/white coloured cable.
- Remove the ground cable that is located on the side of connector X26 so that it can be easily handled.
- Remove and isolate the wires of pins 1 and 2 of connector X26.
- Connect the black/white wire originating from pin 44 of connector XE1 to pin 1 of connector X26.
- Connect the brown wire to pin 2 of connector X26.
- Reprogramme the engine control unit (ECU) with updated software.
- Reprogramme the climate control unit (ECC) with updated software.
- Reprogramme the engine intelligent service box (UEC) with updated software.

NOTE: An electrical kit is available for carrying out this repair.

For further information, contact your usual technical consultant.

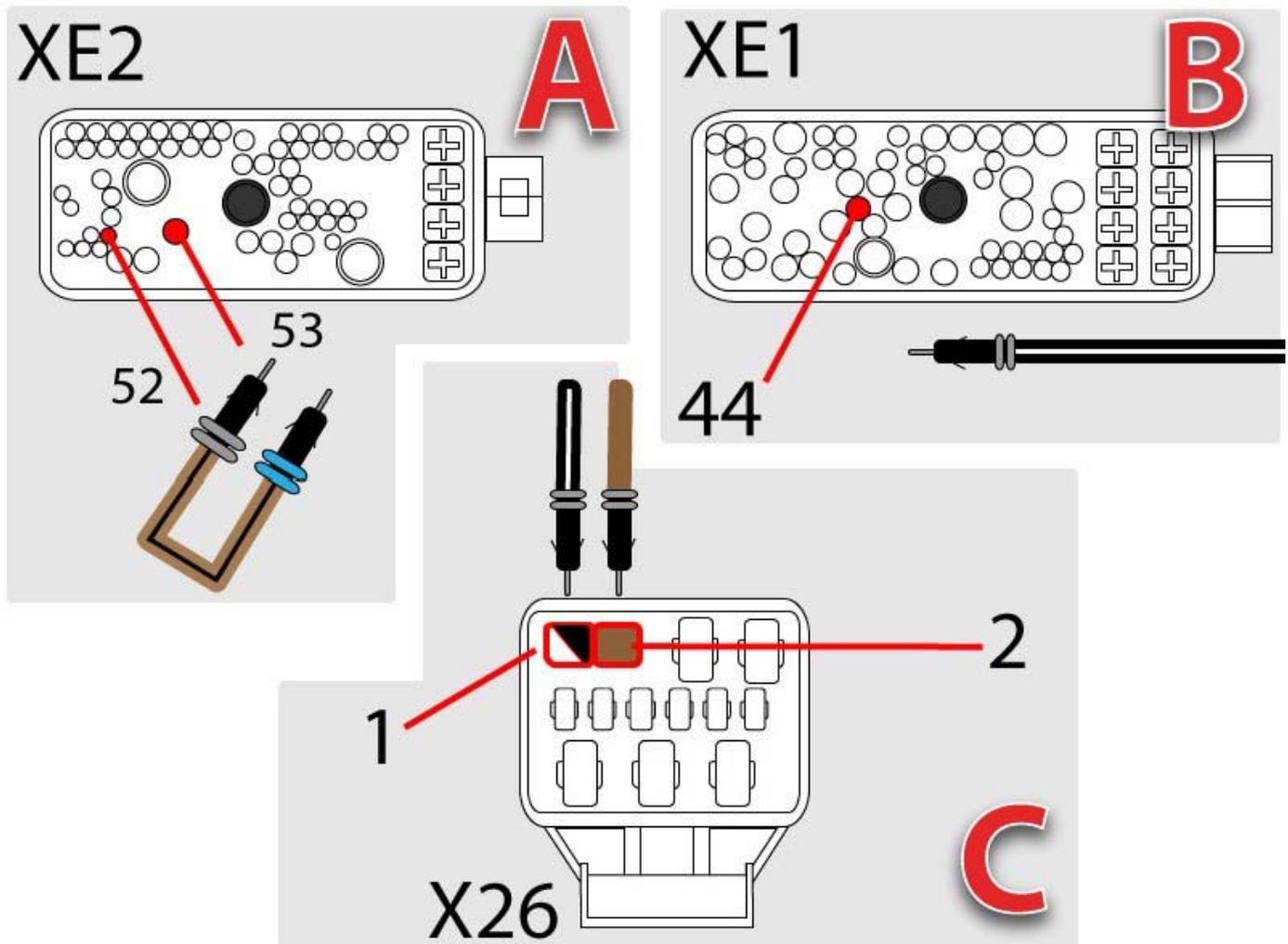
For spare parts consult your usual distributor.

See image 1:

A - Install a jumper on connector XE2 between pin 52 (grey ring) and 53 (blue ring) with a brown/black cable from the electrical kit.

B - Make a connection to pin 44 of connector XE1 with the black/white coloured cable.

C - Remove and isolate the wires of pins 1 and 2, connect the black/white wire originating from pin 44 of connector XE1 to pin 1 of connector X26 and connect the brown wire to pin 2 of connector X26 as shown in the image.



See image 2:

A - Location of the new relay from the electrical kit in the engine compartment fuse and relay box.

B - Location of the new fuse from the electrical kit in the engine compartment fuse and relay box.

C - Location of connector X26 that is located behind the left wheel mudguard.

D - Location of connectors XE1, XE2 and XE3 that is located below the engine compartment fuse and relay box.

