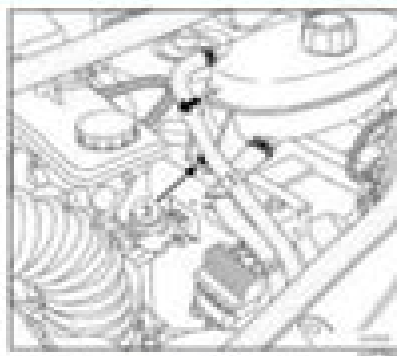
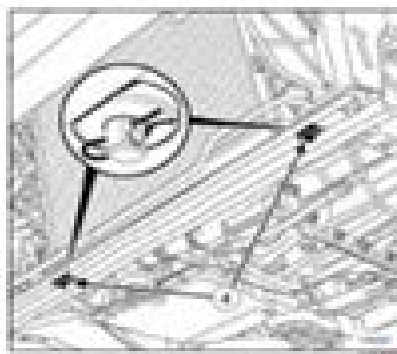


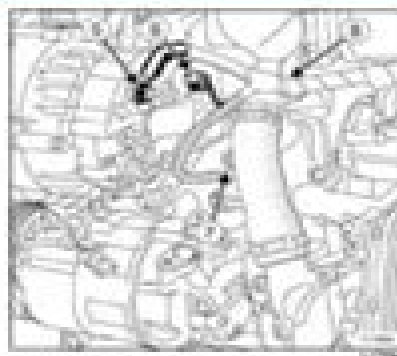
Opel Vivaro 2001-2014 Workshop Manual



- 1 Remove the expansion bottle lock (B).
- 2 Remove the expansion bottle.



- 3 Remove the pins (B) from the cooling radiator.
- 4 Move the radiator - condenser - water-driven fan assembly forwards.



- 5 Remove the nut (B) from the alternator wiring harness.
- 6 Disconnect
 - the connector (B) from the alternator wiring harness.
 - the oil pressure sensor (F).
- 7 Disconnect the wiring harness from the water pump inlet pipe at (B).
- 8 Move the wiring to one side.
- 9 - OPERATION FOR REMOVAL OF PART CONCERNED



- 10 Remove the bolts (F) from the oil filter unit.
- 11 Disconnect the oil filter unit coolant outlet union hose.
- 12 Remove the oil filter unit.

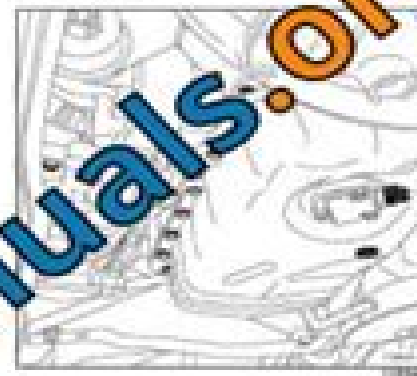
REFITTING

- 1 - REFITTING PREPARATION OPERATION
- 2 Clean

REMOVAL

1 - REMOVAL PREPARATION OPERATION

- 1 Position the vehicle on a two-point lift (see Vehicle Lifting and jacking).
- 2 Disconnect the battery (see Battery Removal Refitting).
- 3 Drain the engine oil (see OIL, Engine and oil sump assembly, Engine oil: Draining (page 10A-23)).



- 4 Remove the bolt (F) from the power-assisted steering pipe on the oil filter unit.



- 5 Disconnect the oil pressure switch connector (B).
- 6 Fit hose clamps on the oil filter unit cooling hoses (B).

- 7 Remove the oil exchanger cooler hoses (B).

8 - REFITTING PART CONCERNED

2

Note

The oil filter unit supplied by the spare parts department consists of an oil filter, an oil pressure sensor and a cap.

9 - REMOVAL OF PART CONCERNED



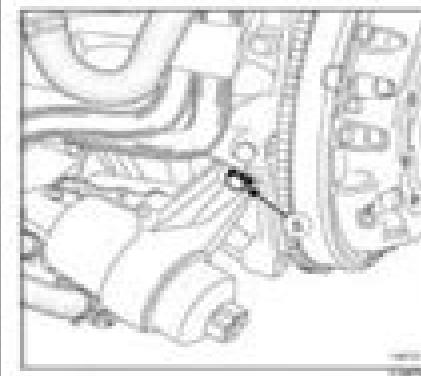
- 1 Remove

- the oil filter unit bolts (B).
- the oil filter unit.

REFITTING

1 - REFITTING PREPARATION OPERATION

- 1 Replace the oil filter unit seal with a new seal.



- 2 Apply MASTROL on the TOC pin marking bolt (B).
- 3 Refit
 - the oil filter unit.
 - the oil filter unit bolts.

8 - FINAL OPERATION

- 1 Refit the oil exchanger cooler hoses.
- 2 Remove the hose clamps from the oil filter unit cooling hoses.
- 3 Connect the oil pressure switch connector.
- 4 Refit the bolt to the power-assisted steering pipe on the oil filter unit.

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