



Type

S/Section

RENAULT Clio

X57

4C

16

16 ALTERNATOROther Sub-sections concerned : **62**

- Engine : XXX
 - Gearbox: XXX
- Basic Manual : MR 295

THIS TECHNICAL NOTE GIVES DETAILS ON REMOVING AND
REFITTING THE ALTERNATOR ON
CLIO 1.7 and 1.8 BACCARA

ESSENTIAL SPECIAL TOOLING

Elé. 346-04 Belt tensioner checking tool

TIGHTENING TORQUES (in daN.m)

Alternator upper mounting bolts	6.5
Alternator lower mountings	6.5
Tensioner bolts	5.5 to 6

REMOVING-REFITTING

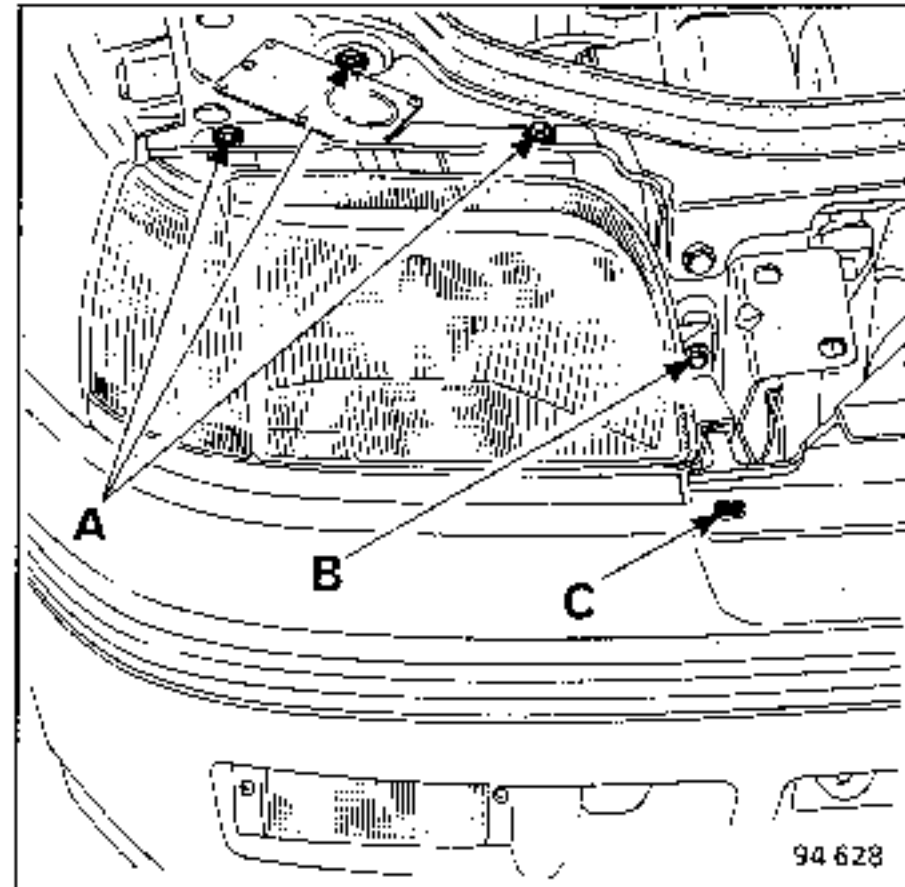
Do not attempt to remove the drive belt using a screw driver as the belt is made up of synthetic wires which could easily be damaged.

Disconnect the battery.

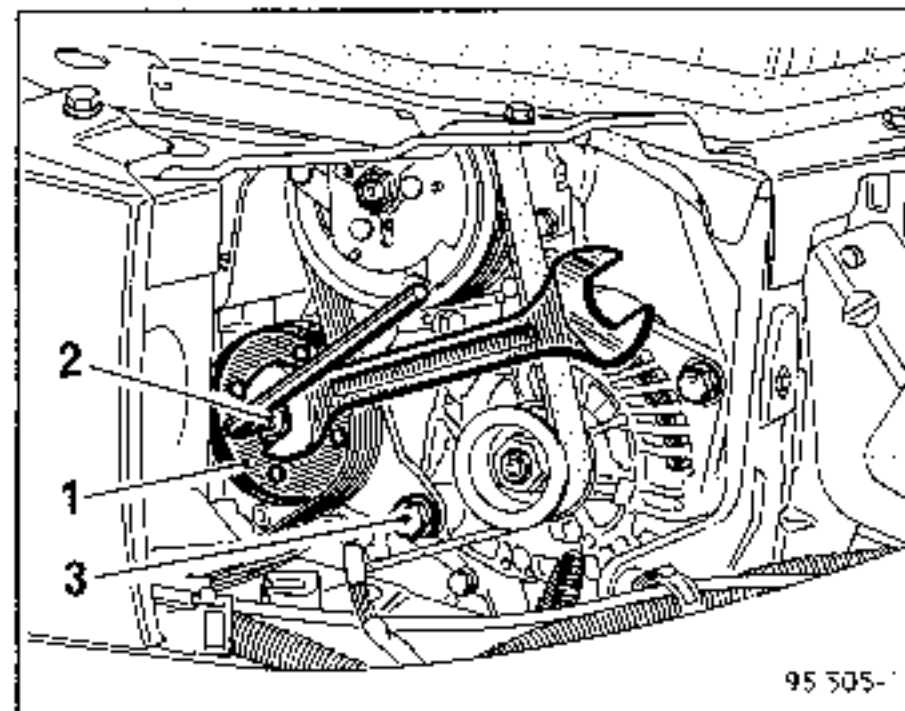
Remove:

- the bonnet (4 bolts),
- the grille (2 bolts behind covers (C)),
- the front right hand direction indicator, by pinching it together and pulling it out forwards
- the front right hand headlamp lens by undoing the 3 nuts (A) and 1 bolt (B).

Take care to support the alternator when removing the last bolt.

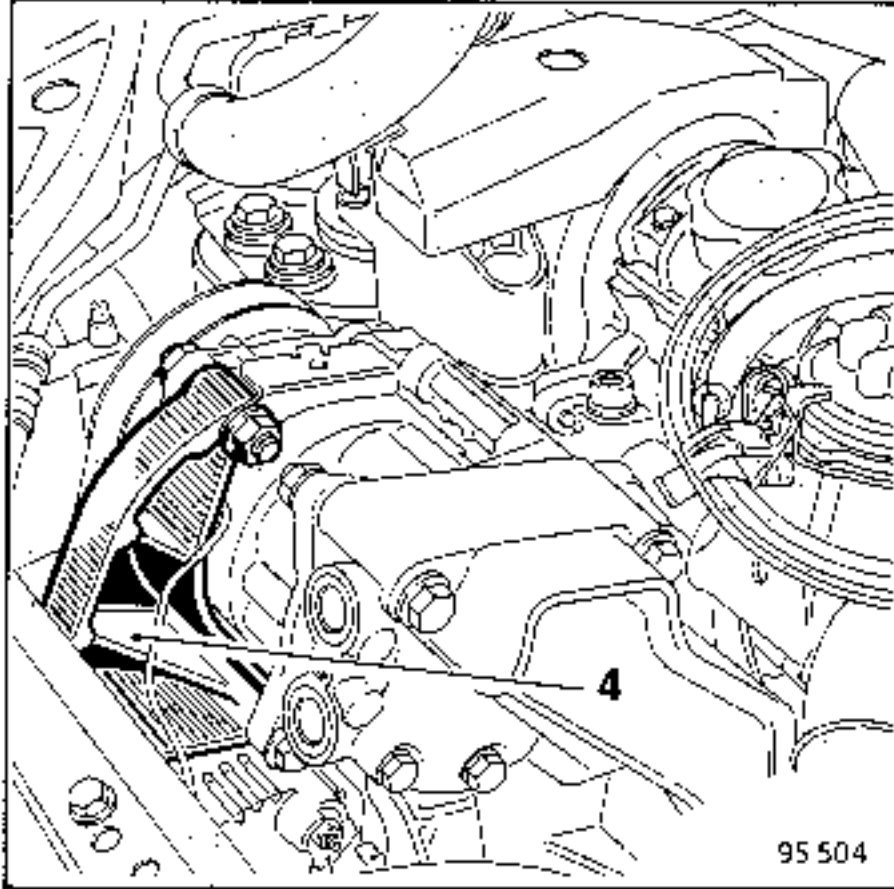


- Unscrew the 6 tensioner cross-headed bolts (taking care to support the tensioner using a flat spanner), and the alternator drive belt.



- Take out the alternator drive belt,
- Disconnect the clutch compressor electrical feed.

- Remove the compressor/alternator support bracket (4).



- Remove the alternator lower mounting bolt (3) (there are 2 sections).
- Disengage the alternator and disconnect the alternator wires.
- Take out the alternator by first removing the headlamp.

REPLACING THE ALTERNATOR REGULATOR

To replace the alternator regulator it is necessary to remove the alternator.

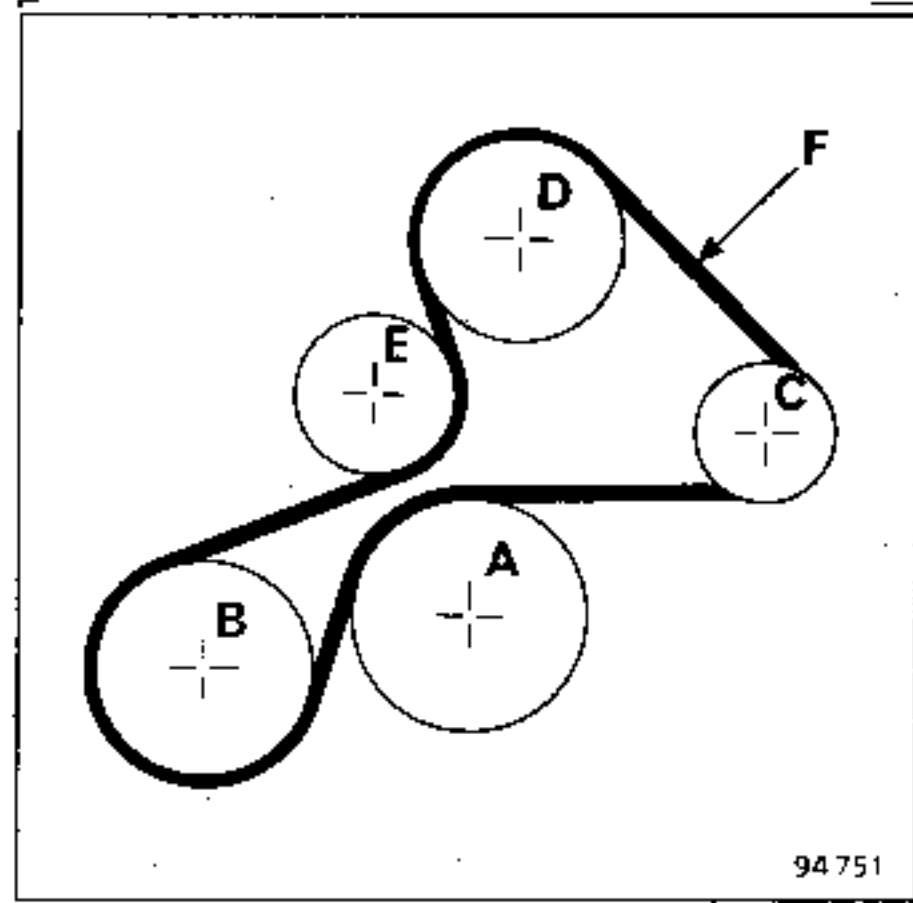
REFITTING

The refitting operation is carried out in the reverse order to removing.

Replace the alternator belt and tension it using the tensioner (1) (in an anti-clockwise direction).

Torque tighten the central tensioner pulley bolt (2).

Check to make sure that the headlamps are correctly adjusted.



Pulley markings :

- A : Coolant pump pulley.
- B : Crankshaft pulley.
- C : Alternator pulley.
- D : Air conditioning compressor pulley.
- E : Tensioner.

Checking the belt tension is carried out when the engine is cold, after 5 minutes running, using tool Elé.346-04

Tension F : 1.5 to 2.5 mm.