

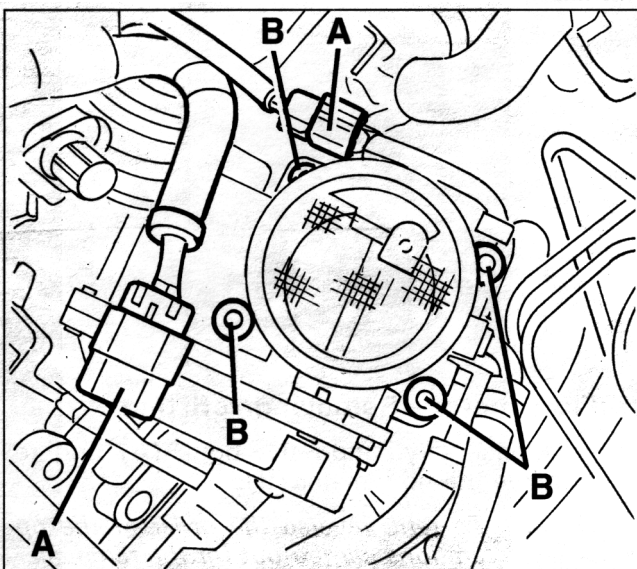
3W001CJ01



### THROTTLE CASING

#### Removing/Refitting

- Open the bonnet lid.
- Open the bands (A) and remove the throttle casing duct (B).

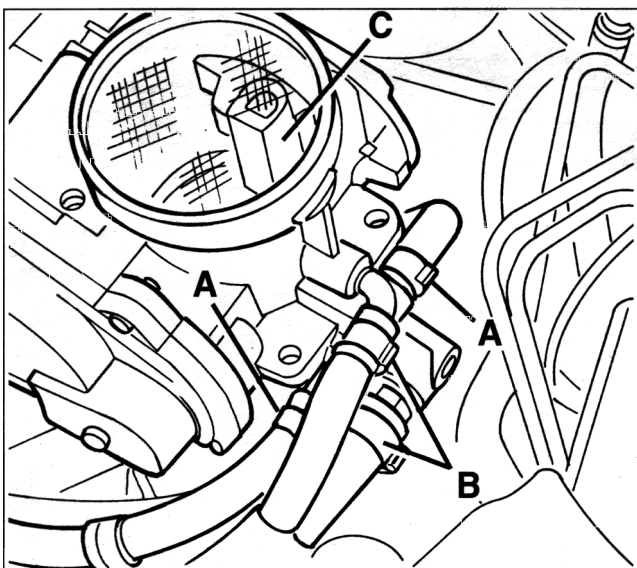


3W001CJ02



Disconnect the electrical connections (A) for the throttle casing.

Undo the bolts (B) fixing the throttle casing.

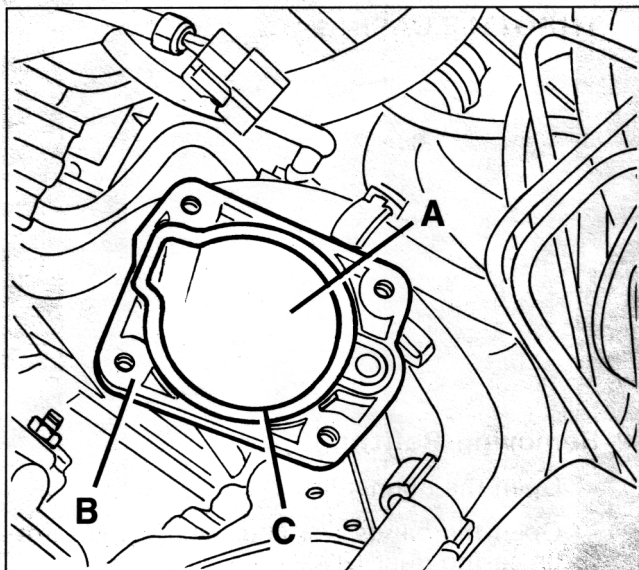


3W001CJ03



- Lift up the throttle casing slightly.
- Loosen the bands (A) and disconnect the pipes from the throttle casing, then seal them to prevent the engine coolant from escaping.
- Loosen the bands (B) and disconnect the pipes from the throttle casing.
- Salvage the throttle casing.

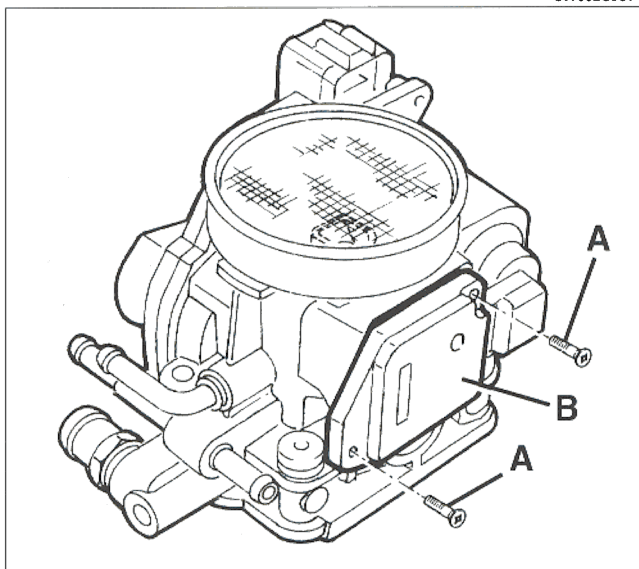
### 10.



3W002CJ01



*Take suitable precautions to prevent water and foreign bodies entering inside the throttle casing manifold (A). Before refitting, clean the flange (B) and check the condition of the gasket (C).*



3W002CJ02

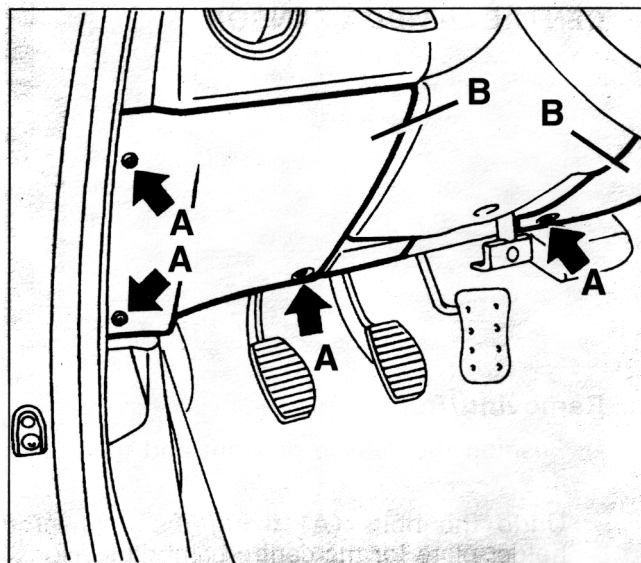
#### Flow meter – Removing/refitting

- If necessary, undo the bolts (A) and remove the flow meter (B).

**NOTE** *To refit, reverse the order of the operations carried out for the removal.*

## 10.

### ACCELERATOR POTENTIOMETER

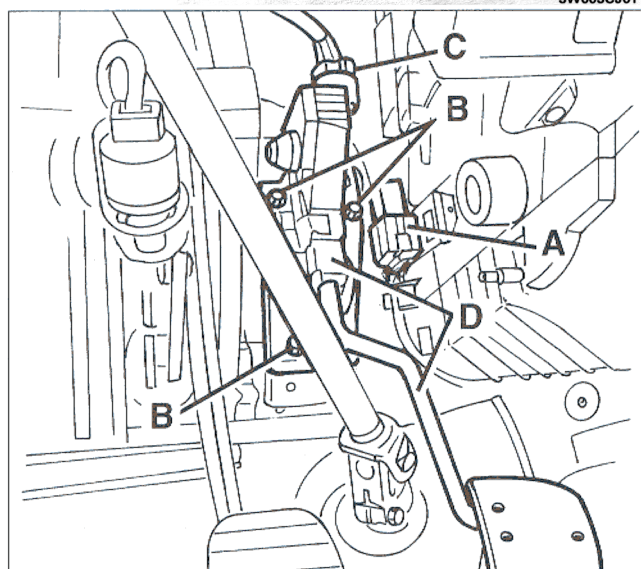


3W003CJ01



#### Removing/Refitting

- Undo the bolts (A) fixing the lower dash-board trims, driver's side.
- Remove the trims (B) releasing them from the inner retainers.



3W003CJ02



Release the relay (A) from the support base.

Undo the nuts (B) fixing the accelerator pedal assembly.

Disconnect the electrical connection (C).

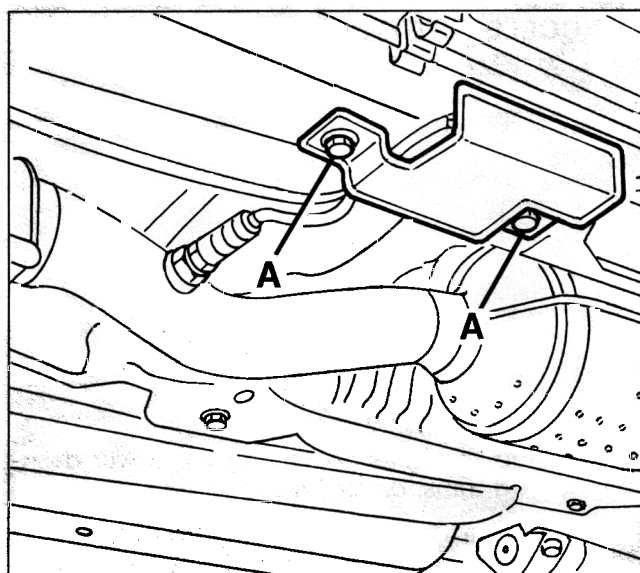
Salvage the accelerator pedal (D).



*The potentiometer cannot be separated from the accelerator pedal as it is pre-adjusted in the correct position.*

**NOTE** *To refit, reverse the order of the operations carried out for the removal.*

### 10.



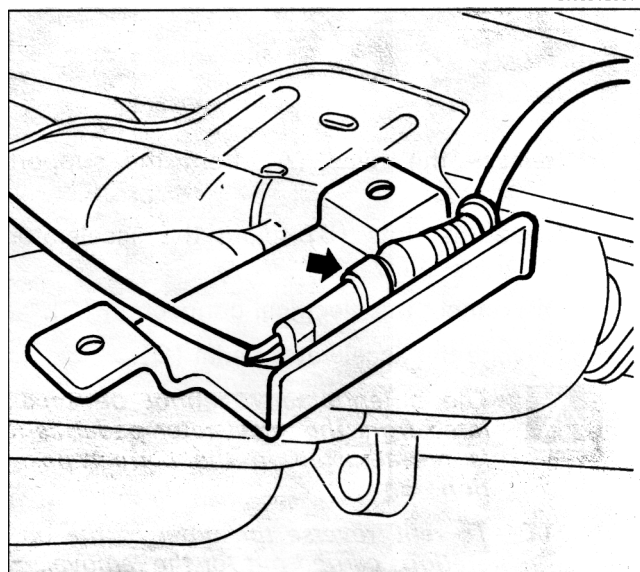
3W004CJ01



#### CENTRE LAMBDA SENSOR

#### Removing/Refitting

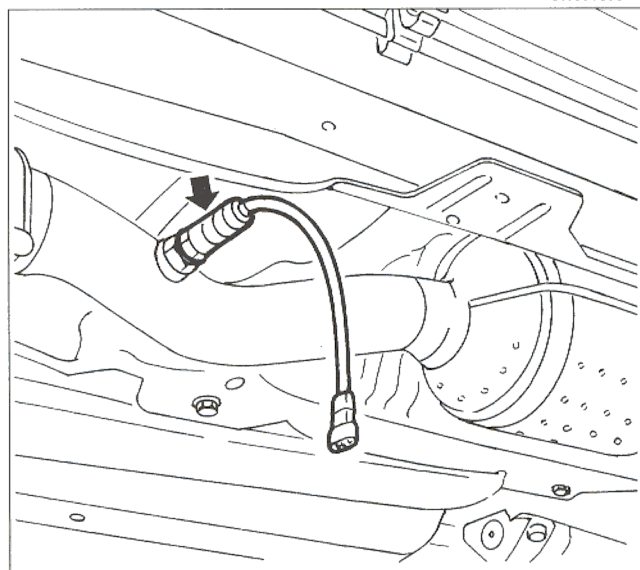
- Position the vehicle on a lift and then raise it.
- Undo the bolts (A) fixing the connector holder plate for the centre Lambda sensor.



3W004CJ02



Move the plate and release the connector from the retainers, then disconnect it.



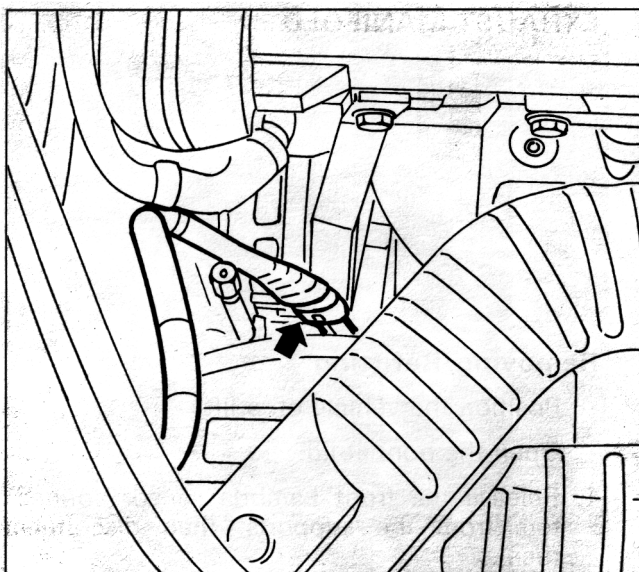
- Undo the Lambda sensor and salvage it.

**NOTE** To refit, reverse the order of the operations carried out for the removal.



### 10.

#### FRONT RIGHT OR LEFT LAMBDA SENSOR

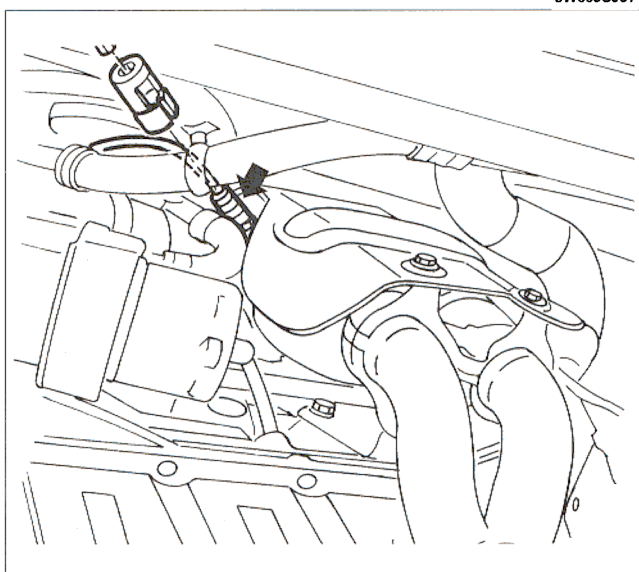


3W005CJ01



#### Removing/Refitting

- Position the vehicle on a lift
- Open the bonnet lid.
- Release the front Lambda sensor connector from the support and then disconnect it.



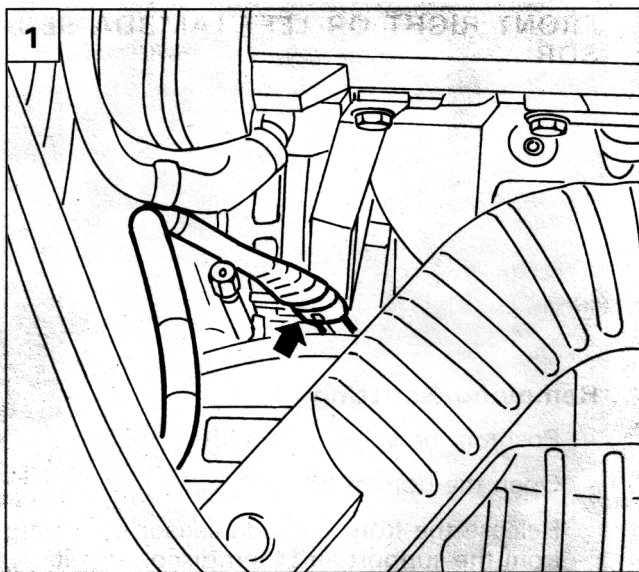
3W005CJ02



- Raise the vehicle.
- Undo the Lambda sensor using USAG spanner no. 875 (or the equivalent) and salvage it.

**NOTE** *To refit, reverse the order of the operations carried out for the removal.*

### 10.



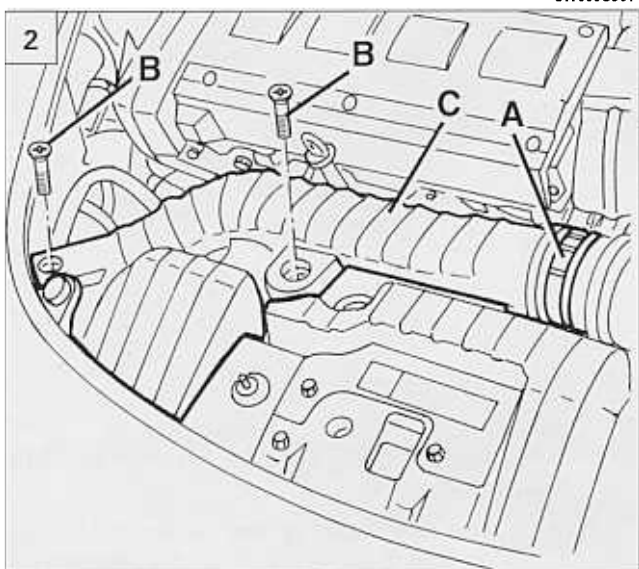
3W006CJ01



#### EXHAUST MANIFOLD

#### Removing/Refitting

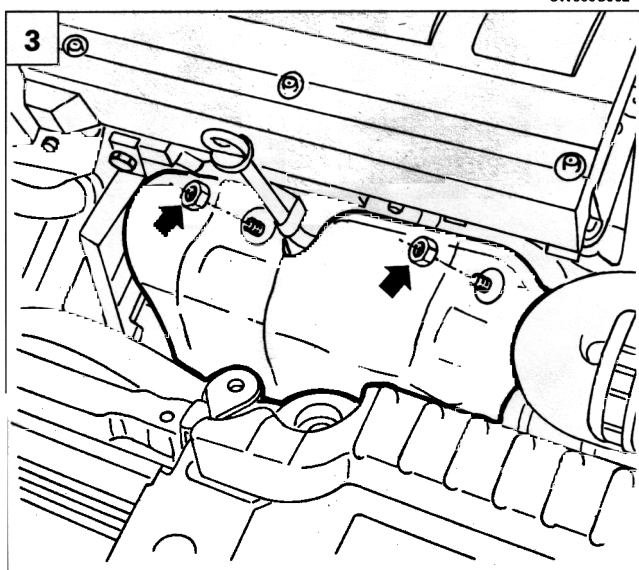
- Position the vehicle on a lift
  - Open the bonnet lid.
1. Release the front Lambda sensor connectors from the supports, then disconnect them.



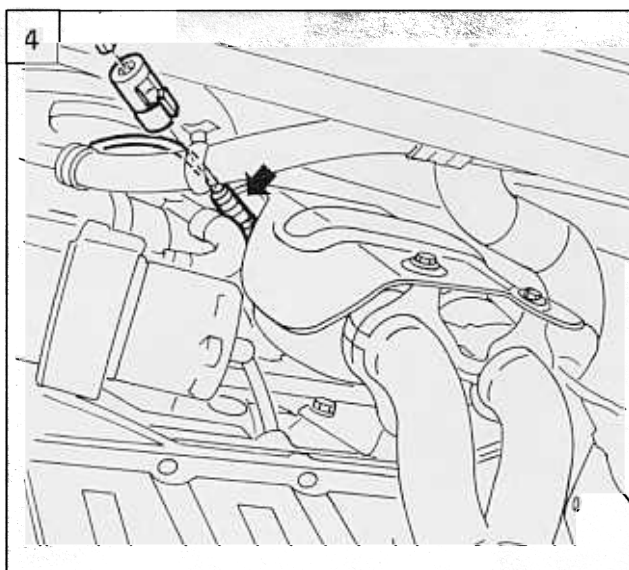
3W006CJ02



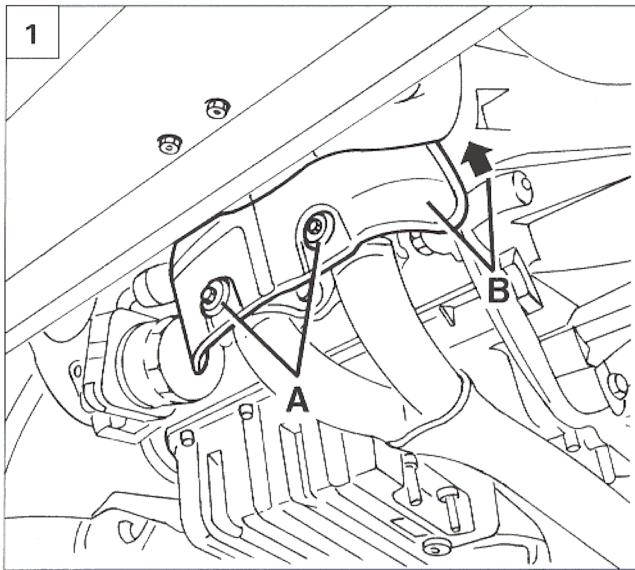
2. Loosen the band (A) for the engine air intake pipe. Undo the bolts (B) and remove the air intake pipe and resonator (C).
3. Undo the upper nuts fixing the heat shield.
  - Raise the vehicle.
4. Undo both the front Lambda sensors using USAG spanner no. 875 (or the equivalent) and salvage them.



3W006CJ03



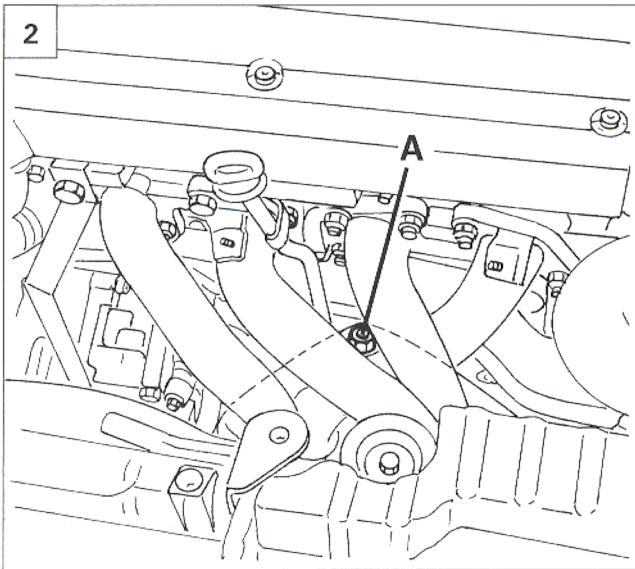
3W006CJ04



3W007CJ01



1 Undo the lower bolts (A) fixing the heat shield (B). Lower the vehicle and remove the heat shield from the top.



3W007CJ02



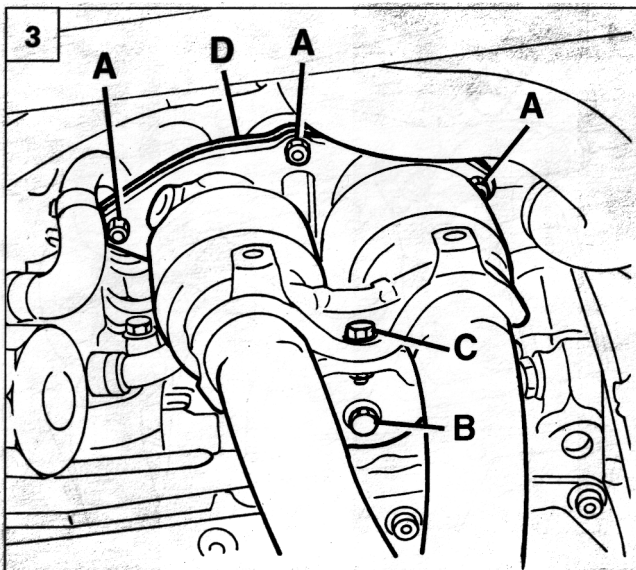
2. Undo the nut (A) fixing the manifold flange.

3. Raise the vehicle.

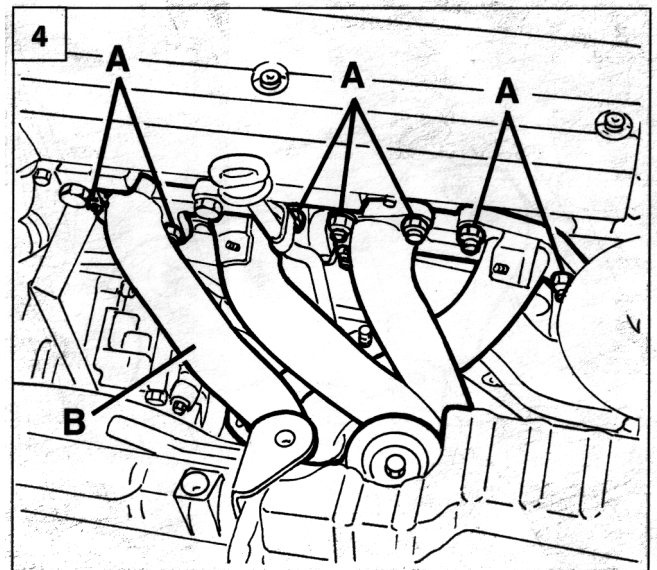
- Undo the nuts (A) fixing the manifold flange.
- Undo the bolt (B) fixing the exhaust pipe band.
- Loosen the bolt (C) for the band.
- Salvage the gasket (D) between the pre-catalyzers and the manifold.
- Lower the vehicle.

4. Undo the nuts (A) fixing the manifold to the engine and remove the manifold (B).

**NOTE** To refit, reverse the order of the operations carried out for the removal.



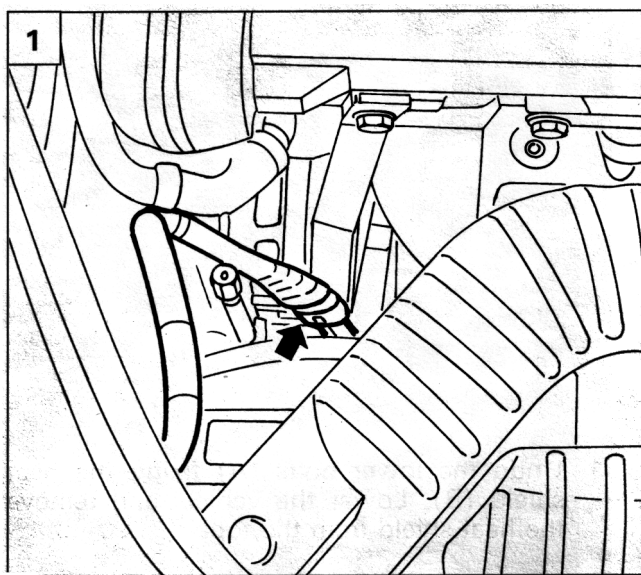
3W007CJ03



3W007CJ04



### 10.



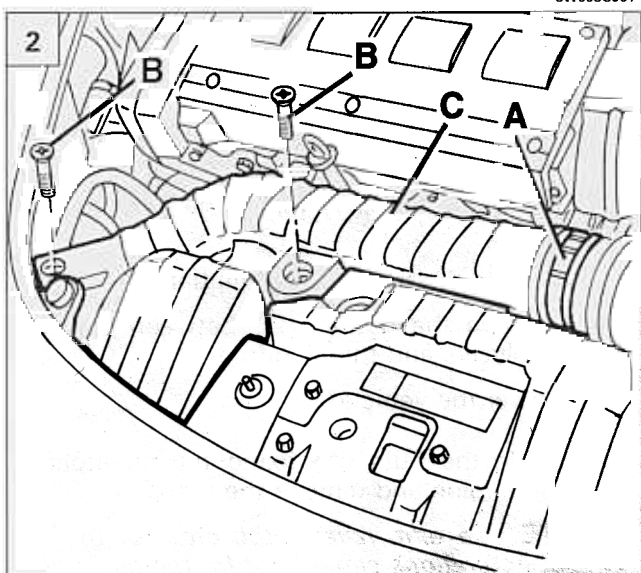
3W008CJ01



#### CATALYTIC PRE-CONVERTER

##### Removing/Refitting

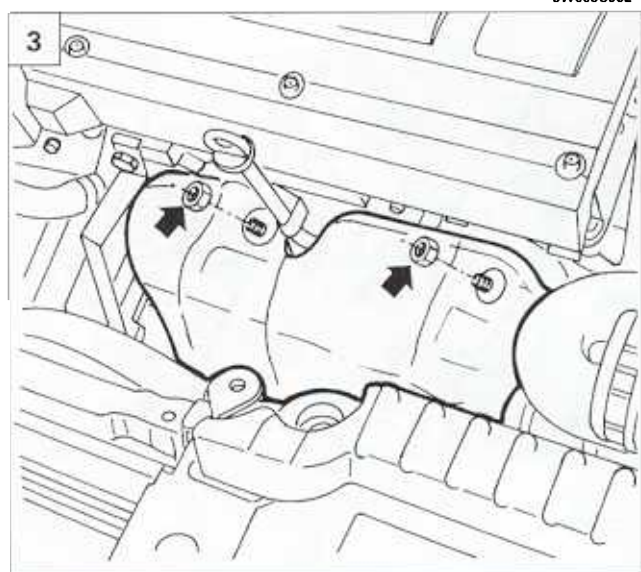
- Position the vehicle on a lift
  - Open the bonnet lid.
1. Release the connectors for the front Lambda sensors from the supports and then disconnect them.



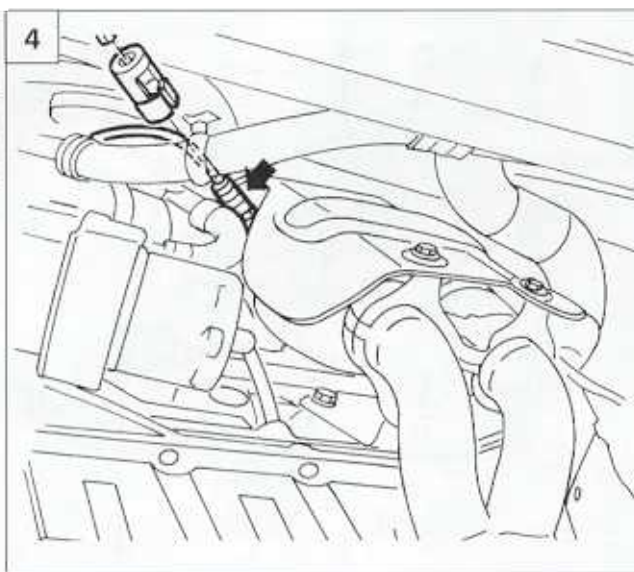
3W008CJ02



2. Loosen the band (A) for the engine air intake pipe.
  - Undo the bolts (B) and remove the air intake pipe and resonator (C).
3. Undo the upper bolts fixing the heat shield.
4. Raise the vehicle, undo both front Lambda sensors using USAG spanner no. 875 (or the equivalent) and salvage them.

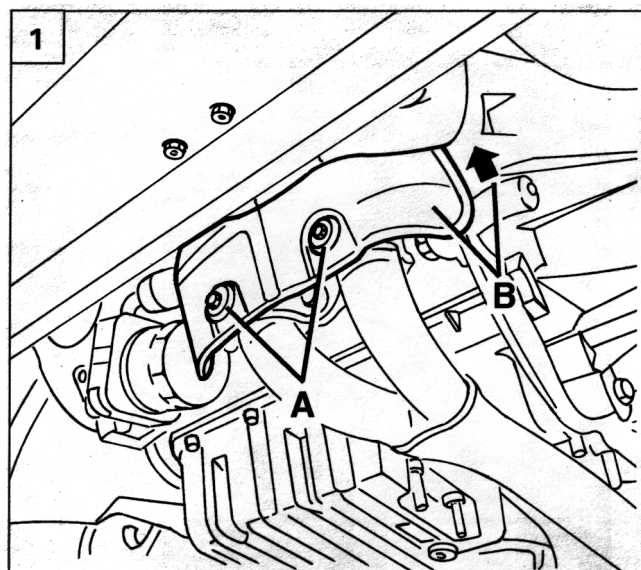


3W008CJ03

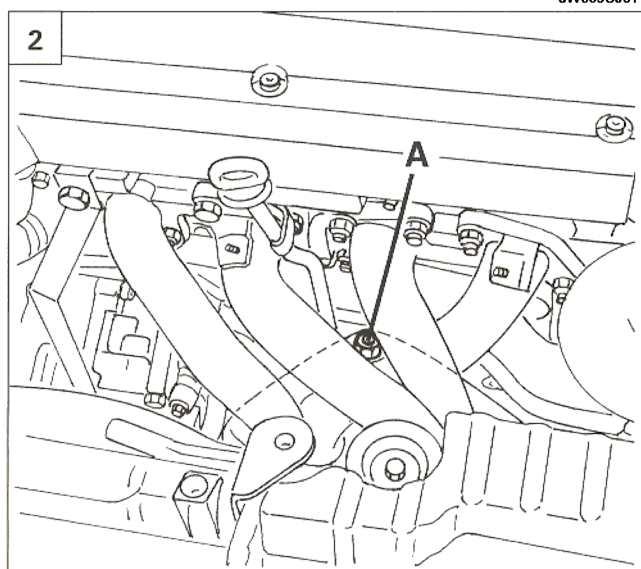


3W008CJ04

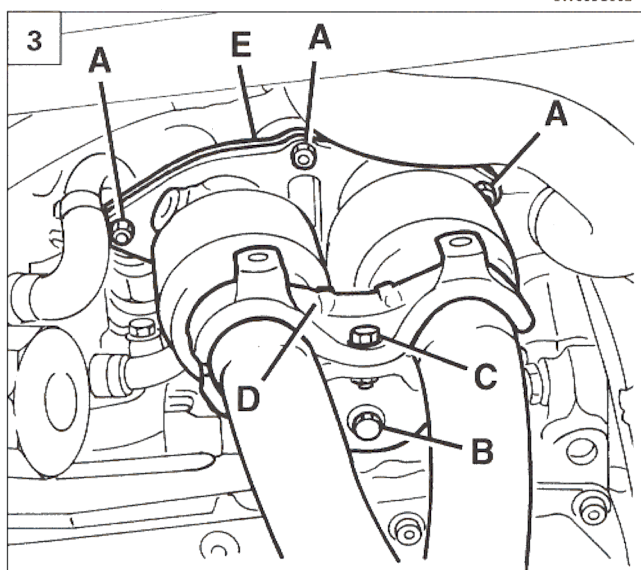




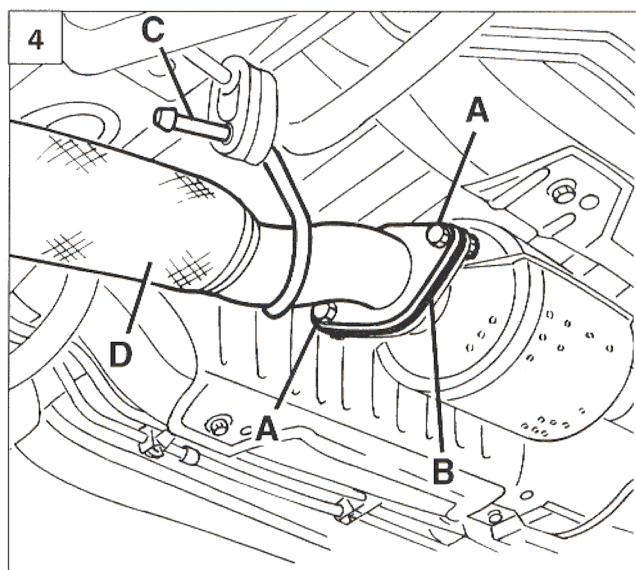
3W009CJ01



3W009CJ02



3W009CJ03



3W009CJ04

- 1 Undo the lower bolts (A) fixing the heat shield (B). Lower the vehicle and remove the heat shield from the top.
2. Undo the nut (A) fixing the manifold flange.
3. Raise the vehicle.
  - Undo the nuts (A) fixing the manifold flange.
  - Undo the bolt (B) fixing the exhaust pipe band.
  - Undo the bolt (C) and remove the band (D).
  - Salvage the gasket (E) between the pre-catalyzers and the manifold.
  - Lower the vehicle.
4. Undo the bolts (A) fixing the flange.
  - Salvage the flange gasket (B).
  - Disconnect the retainer (C) from the flexible buffer.
  - Salvage the catalytic pre-converter assembly (D).

**NOTE** To refit, reverse the order of the operations carried out for the removal.