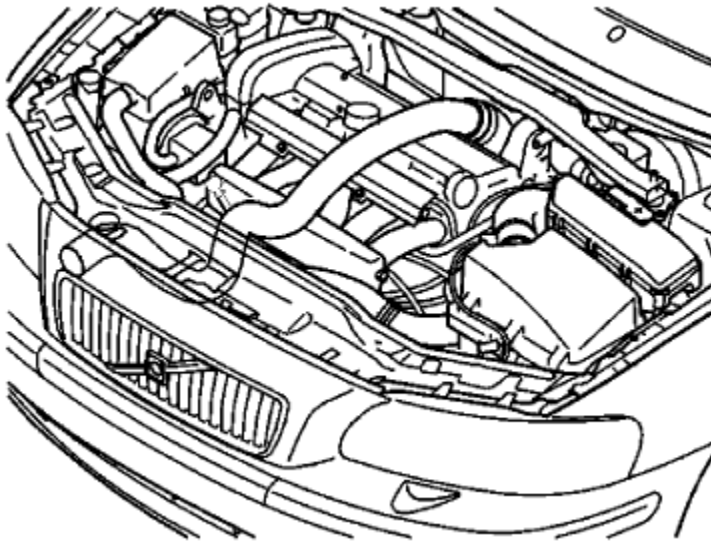


Service and Repair Generator (GEN)

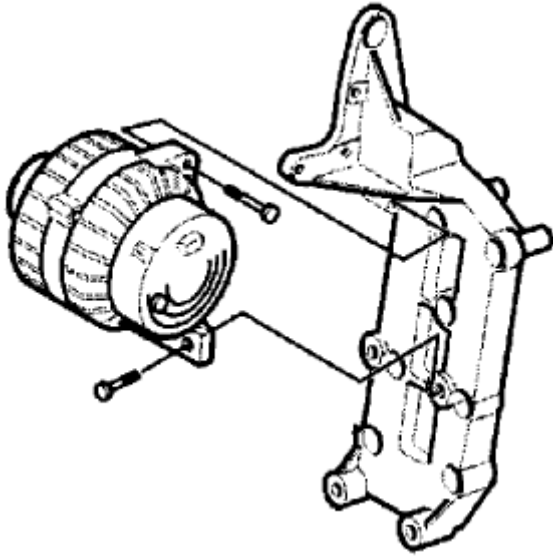
Removal

Preparations



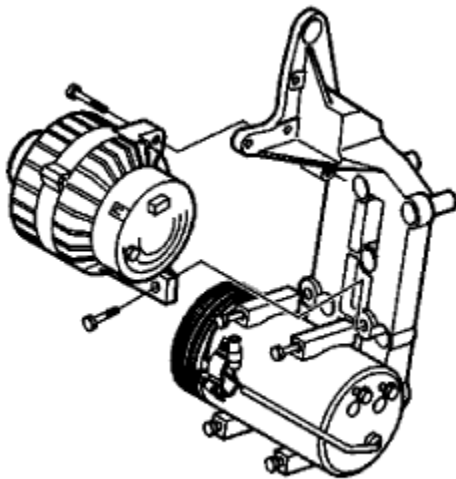
- Disconnect the [battery](#) negative lead.
- Detach the pipe from the control module box.
- Remove the auxiliaries belt according to Repacing the Auxiliaries Belt/Belt Tensioner, refer to **Engine, Cooling and Exhaust - Engine - Drive Belts, mounts, Brackets and Accessories - Drive Belt - Service and Repair - Procedures** . [See: Engine, Cooling and Exhaust\Engine\Drive Belt\Service and Repair](#)
- Remove power steering pump and place it on top the engine.
- To remove power steering pump refer to **Steering and Suspension - Steering - Power Steering - Power Steering Pump - Service and Repair - Procedures** [See: Steering and Suspension\Steering\Power Steering Pump\Service and Repair](#)

Without A/C



- Remove the upper screw from the upper mounting
- Remove the lower screws
- Disconnect the warning lamp positive lead and the connector from the generator (GEN)
- Pull the generator (GEN) upwards/away

With A/C



- Remove the upper screw
- Remove the screws common to the generator (GEN) and compressor; the lower screws on the generator (GEN) and the upper screws on the compressor

- Raise car
- Slacken off the lower screws for the compressor (so that there is some clearance)
- Remove air baffle
- Lower car Disconnect the warning lamp positive lead and the connector from the generator (GEN)

Pull the generator (GEN) upwards/away

Installation

Without A/C

- Position the generator (GEN)
- Connect the warning lamp positive lead and connector
- Position the generator (GEN) and install the upper screw loosely
- Install the lower screws. Ensure the generator (GEN) is correctly positioned before tightening. Tightening torque **25 Nm (18 ft lb)**
- Remove the screw and nut that run through the upper mounting. Tightening torque **25 Nm (18 ft lb)**

With A/C

- Position the generator (GEN)
- Connect the warning lamp positive lead and connector
- Position the generator (GEN) and install the upper screw loosely
- Install the screws common to the generator (GEN) and compressor; the lower screws on the generator (GEN) and the upper screws on the compressor loosely
- Raise car
- Tighten the lower screws for the compressor
- Install air baffle
- Install the screws common to the generator (GEN) and compressor. Tightening torque **25 Nm (18 ft lb)**
- Remove the screw and nut that run through the upper mounting. Tightening torque **25 Nm (18 ft lb)**

Carry out the remaining operations in reverse order.