

Your Vehicle: 1997 Audi A8 Quattro Sedan V8-4.2L (ABZ)

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## Service and Repair

### Starter, Removing and Installing

#### CAUTION!

Before working on the electrical system:

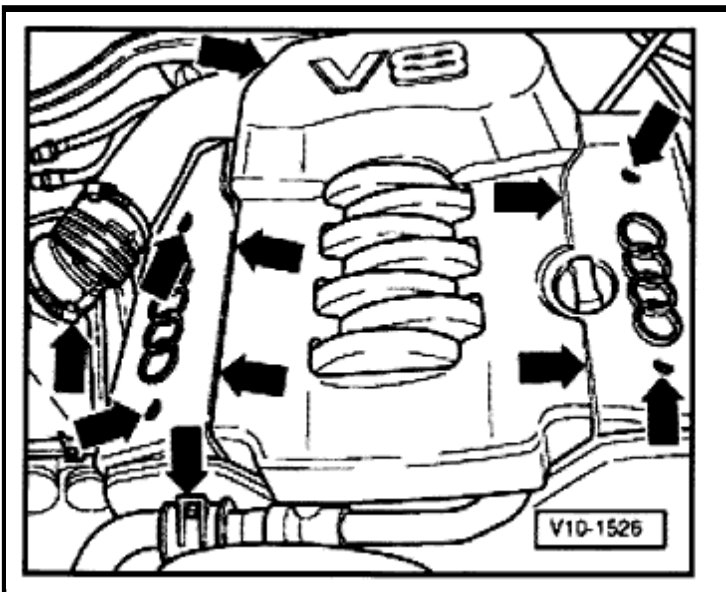
- Determine the correct coding for the anti-theft radio.
- Disconnect the **battery** Ground (GND) strap.

**NOTE:** After reconnecting the **battery** be sure to reactivate the radio, clock, power windows and engine.

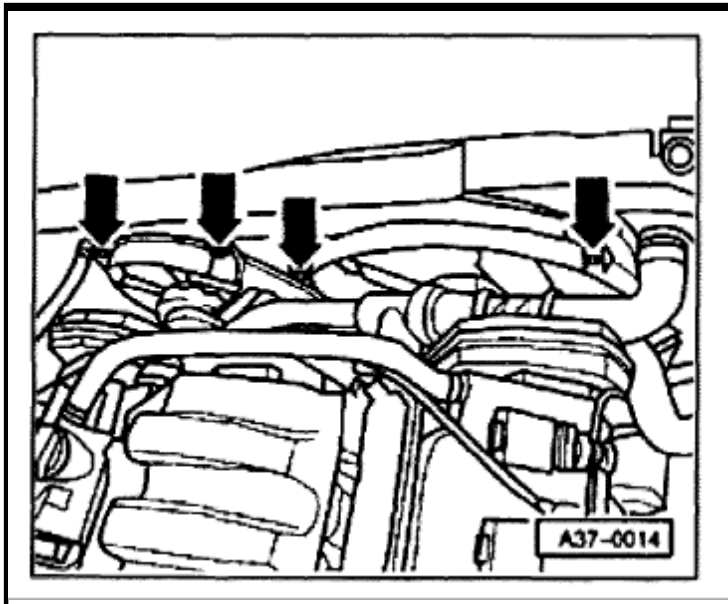
#### Work sequence:

#### Removing:

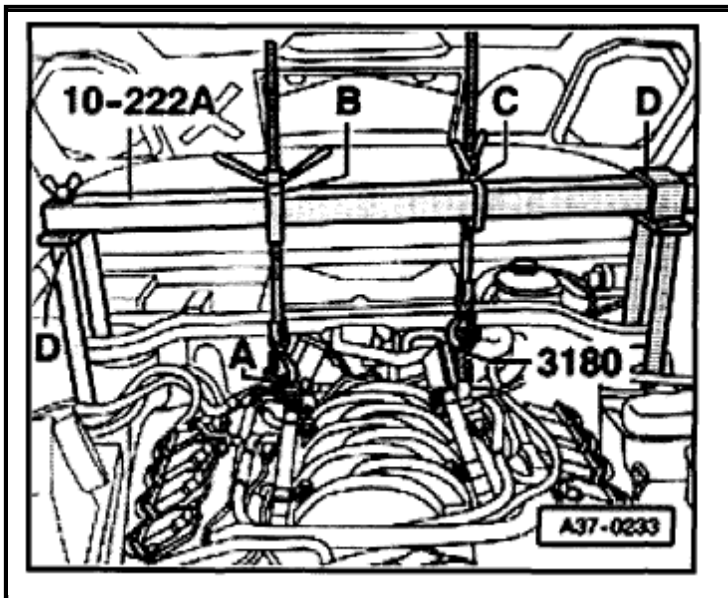
**NOTE:** Remove the generator before removing the starter.



- Remove sound dampening.
- Remove air intake duct between air cleaner and mass air flow sensor.
- Remove intake air ducts between air cleaner housing and lock carrier.



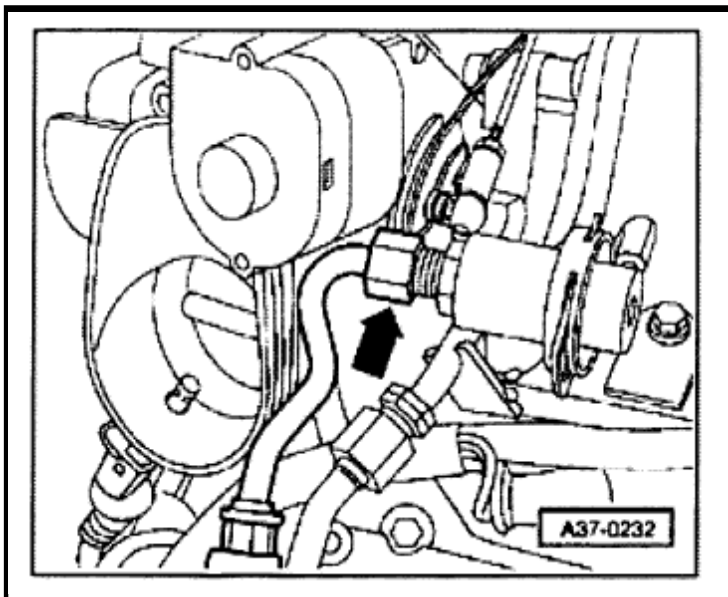
- Remove bolts -arrows- from air shroud and coolant fan. Remove coolant fan without disconnecting and lay aside.
- Remove cover from suspension strut connection and air cleaner housing.



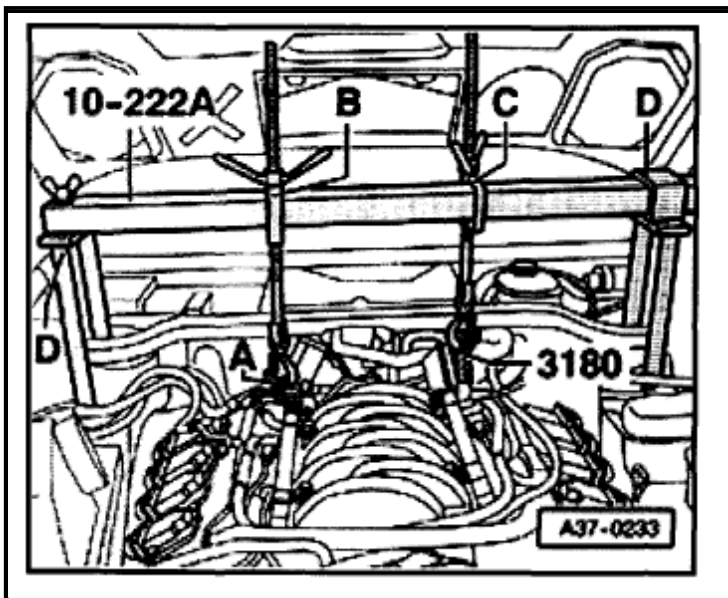
- Install 10 - 222A engine support bridge with 10 - 222A/4 adapter for engine support -arrow D- to bolts of suspension strut connection.

**NOTE:**

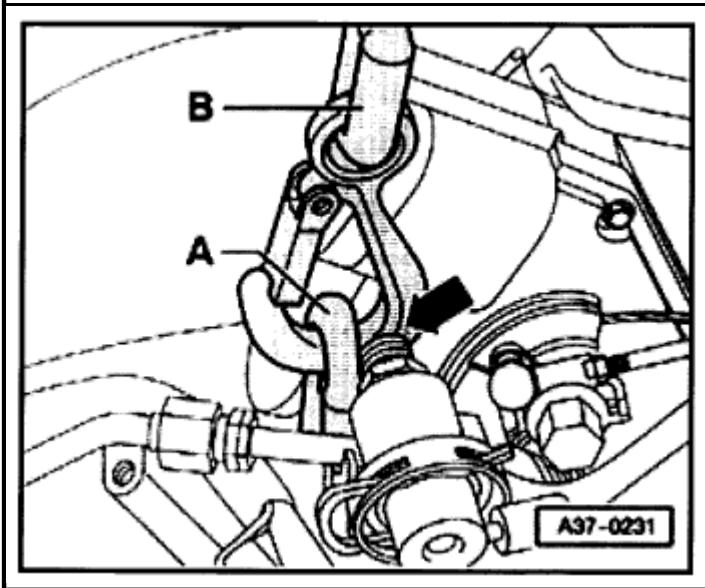
- The threaded spindle -B- must point toward the front and the threaded spindle -C- must point toward the rear.
- Do not use **10 - 222A/1** bracket for engine.



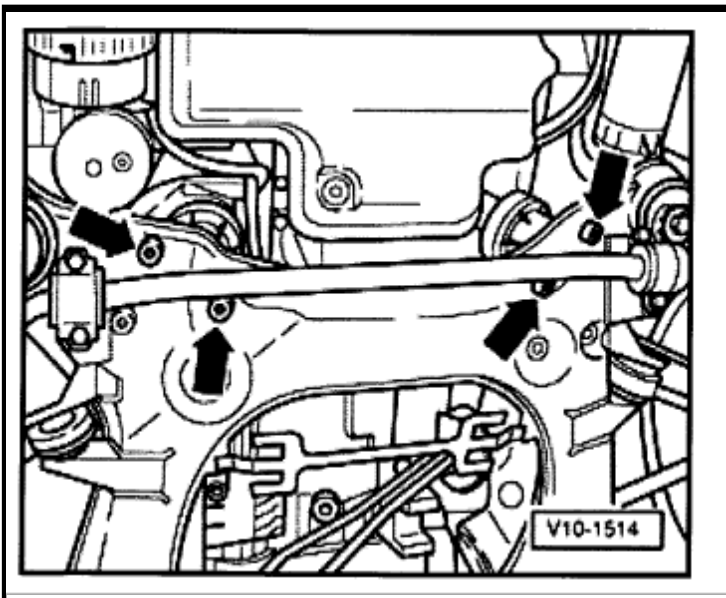
- Disconnect fuel line from fuel pressure regulator -arrow-.



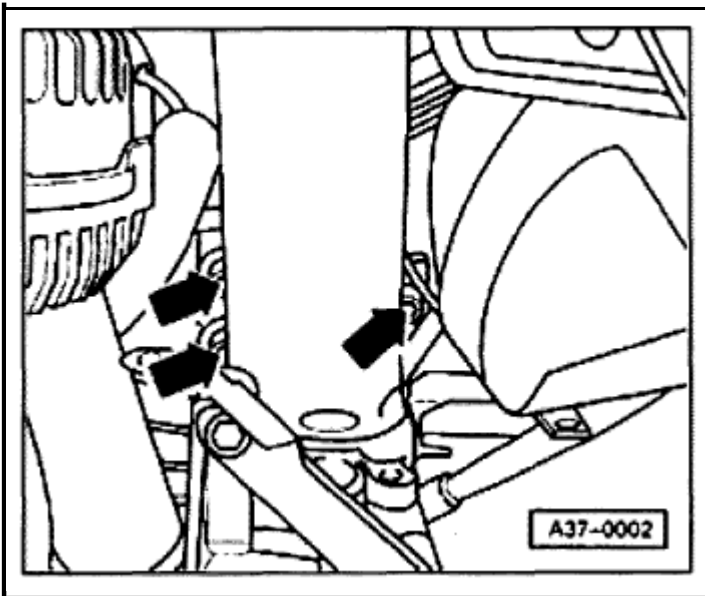
- Insert 3180 retainer from transmission side into support eye of engine and tighten.
- Insert **10 - 222A/2** hooks -A- into support eye at fuel pressure regulator.
- Slightly pre-tension engine with both spindles -B- and -C-.



- Be sure when lifting and lowering engine that hook -B- or auxiliary hook -A- do not come in contact with fuel pressure regulator -arrow-.

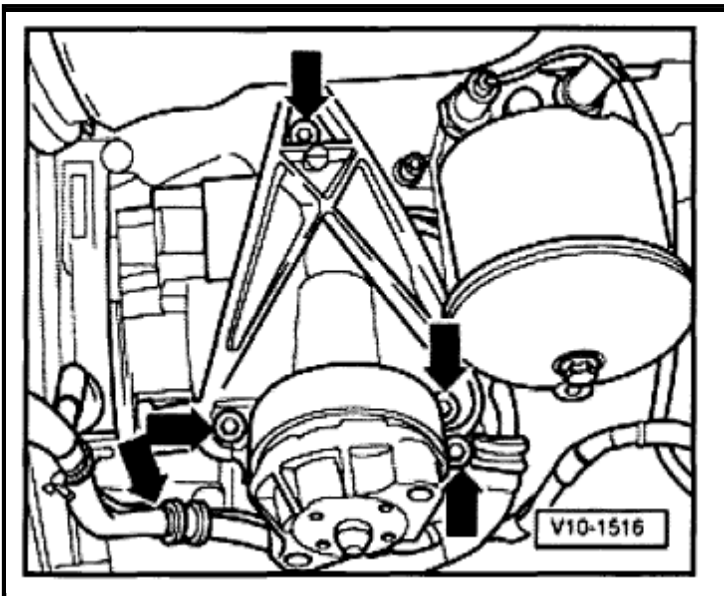


- Remove lower bolts -arrows- at engine mounts.

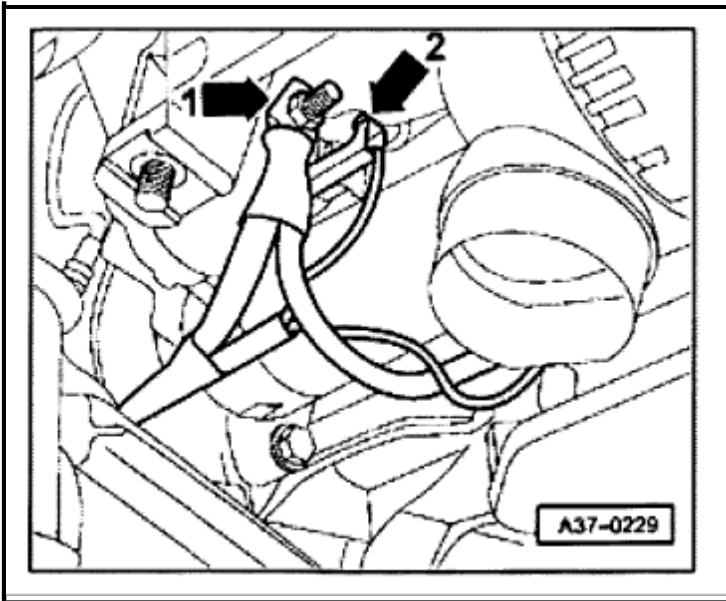


- Remove bolts -arrows- at right front torque support.
- Using spindles, lift engine until engine mount protrudes from engine/transmission carrier.

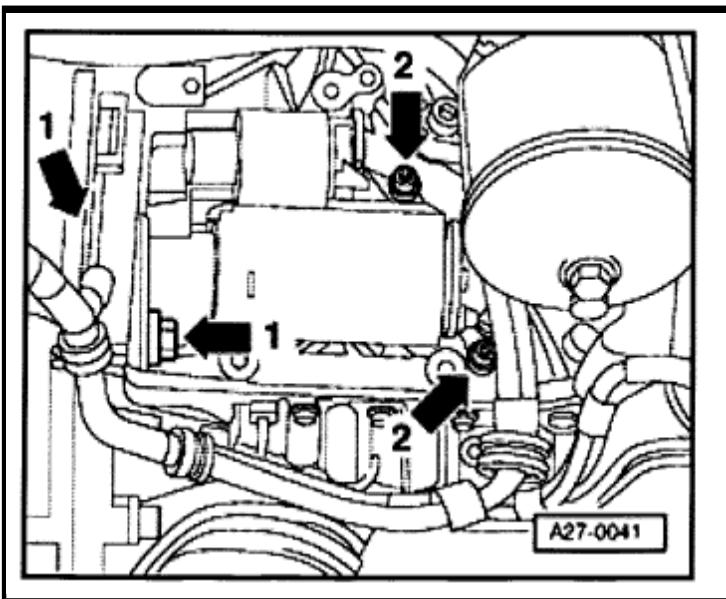
**NOTE:** Be careful not to damage the damping mat on the side panel with the throttle valve unit.



- Remove right engine mount and wiring clamps -arrows-. Position engine mount on engine/transmission carrier.



- Disconnect wiring from terminal B+ -1-. Tightening torque: **16 Nm (12 ft lb)**
- Disconnect electrical connector for terminal 50 -2-.
- From engine side remove lower bolt for starter -1-. Tightening torque: **65 Nm (48 ft lb)**
- From transmission side remove upper bolt for starter -1-. Tightening torque: **65 Nm (48 ft lb)**



- Remove socket bolt -2-.
- Remove starter downward.

**Installing:**

- Install starter in reverse order of removal.

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