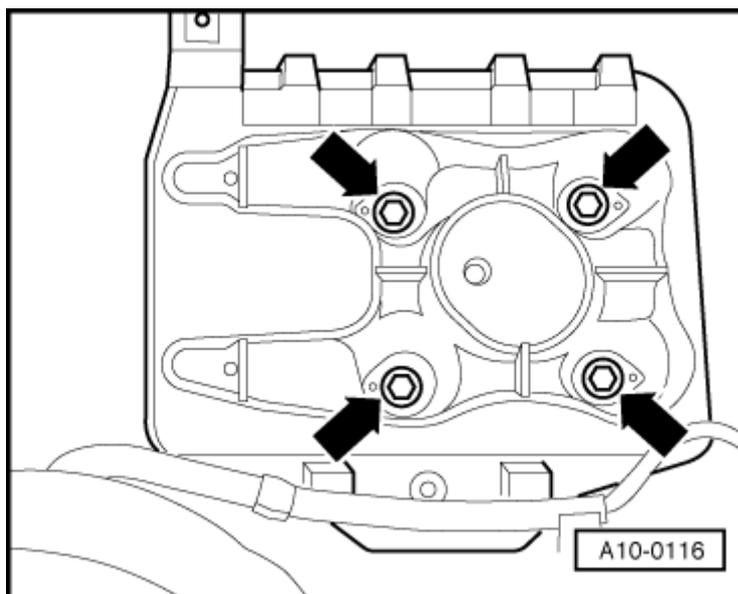


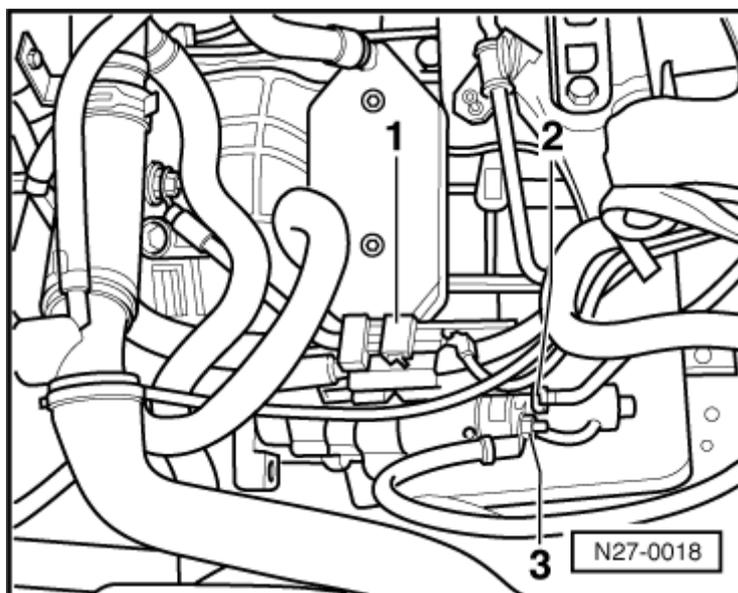
## Removing and installing starter Vehicles with 4-cylinder petrol engine

### Removing

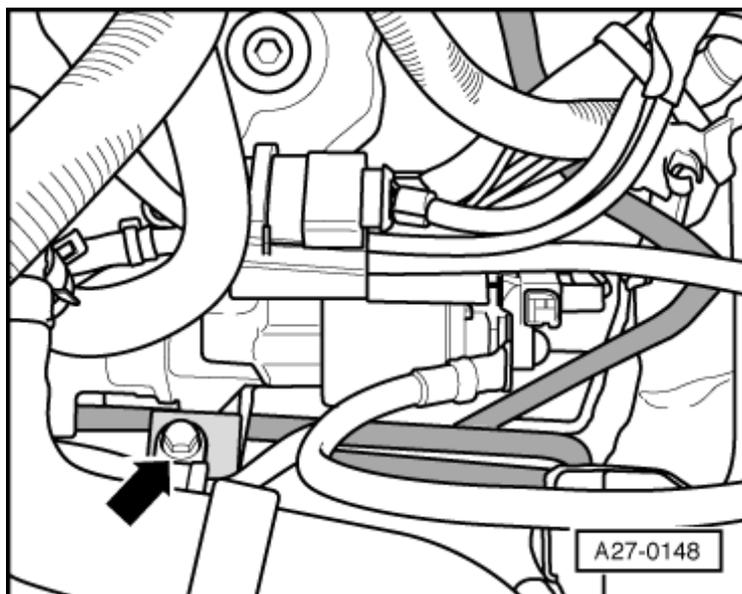
- – Remove engine cover.
- – Remove battery => Page [27-4](#) onwards.
- – → Remove battery carrier - arrows-



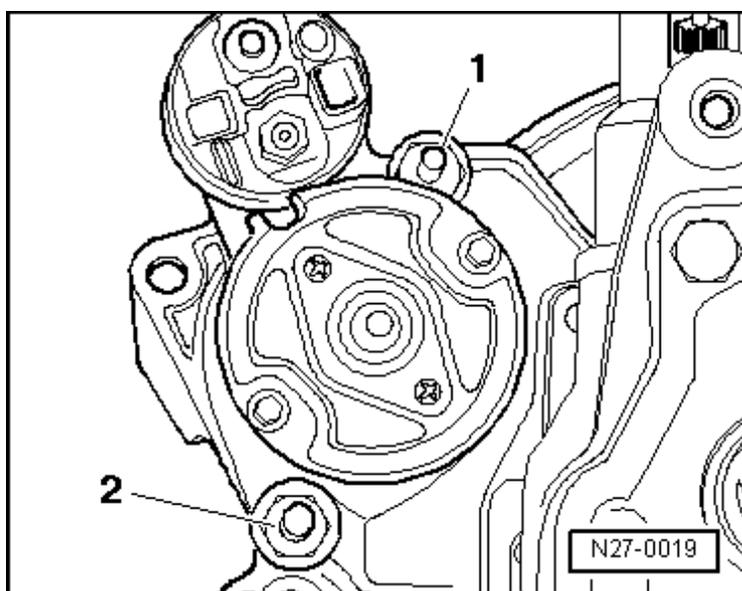
- – → Unplug connector -1-.
- – Unclip connector from cable guide.
- – Detach wires -2- and -3- at starter.
- – Take wiring out of guide.



- – → Screw out bolt -arrow-.
- – Detach power steering pressure pipe.



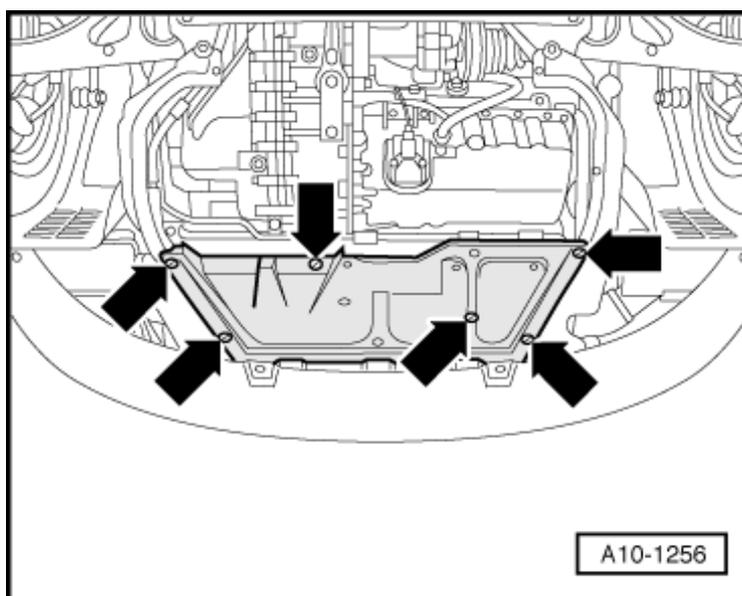
- – Unscrew wire guide.
- – → Screw out top starter securing bolt -1-.



- – → Remove centre noise insulation -arrows-.

Note:

Fig. shows vehicle with petrol engine.



- – → Screw out bottom starter

securing bolt -2-.

- – Take out starter.

### Installing

Install in reverse order, paying attention to the following:

- – Install battery carrier and battery.
- – Connect battery. Action to be taken => Page [27-13](#).

### Tightening torques

| Component  |     | Nm |
|--|-----|----|
| Starter to gearbox                                 | M10 | 45 |
|  | M12 | 65 |
| Holder for power steering pressure pipe to starter |     | 22 |
| Wire guide to starter                              |     | 22 |
| Terminal B+ to starter                             |     | 16 |
| Battery carrier to longitudinal member             |     | 10 |

