

Removing and installing parts of the lubrication system

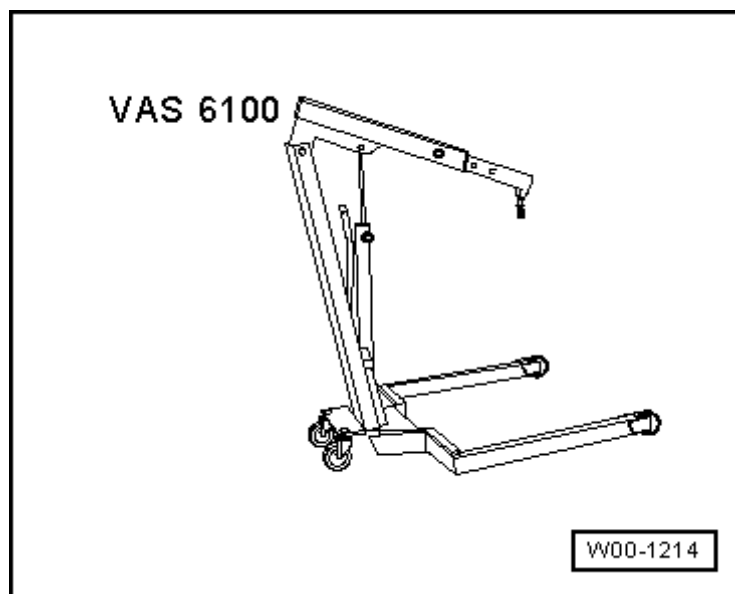
Removing and installing oil pan

Special tools and workshop equipment required

- ☐ Workshop crane VAS 6100

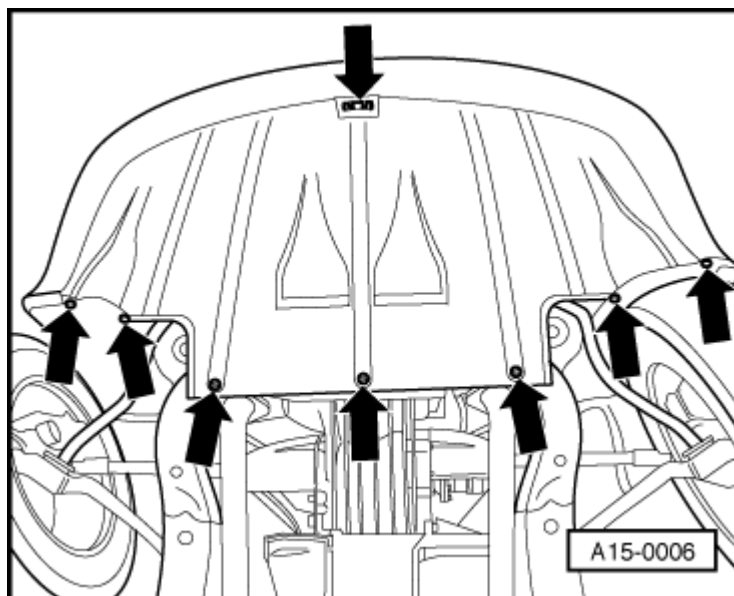
or

- ☐ Workshop crane V.A.G 1202 A



Removing

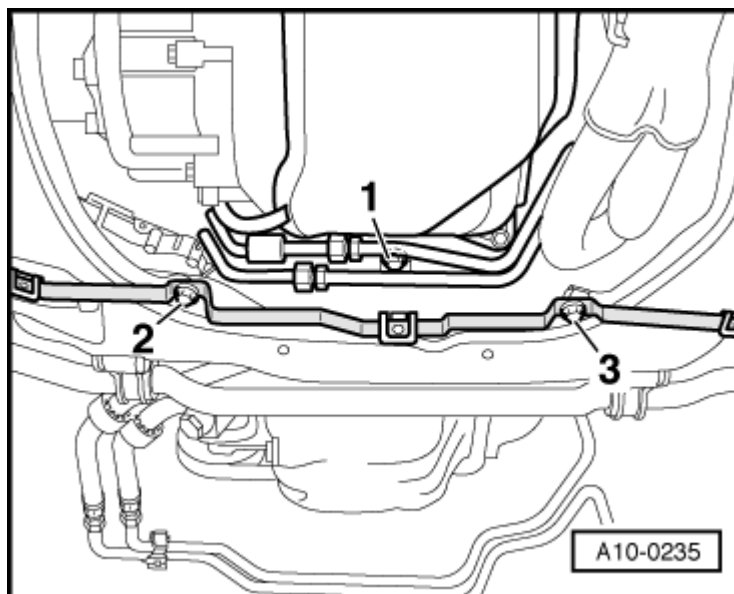
- ☐ → Remove the noise insulation - arrows-.
- ☐ Drain engine oil.



- ☐ → Remove bracket for noise insulation -bolts 2 and 3-.

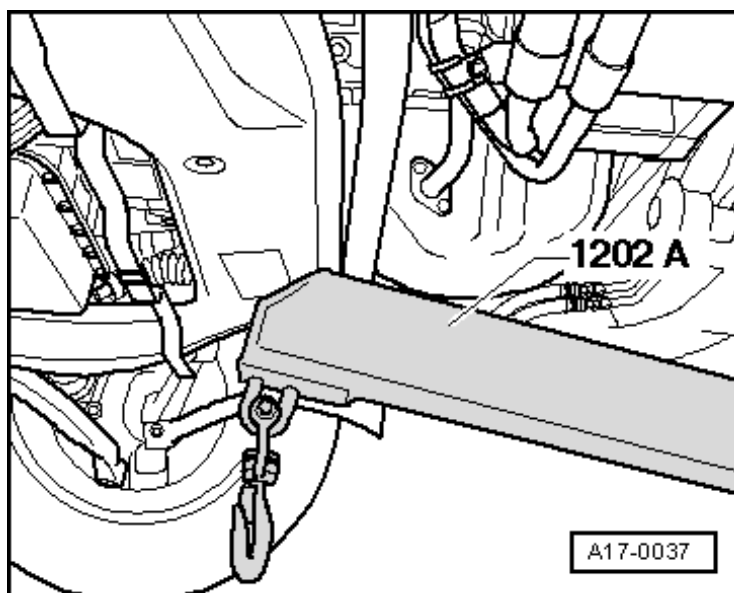
Vehicles with automatic gearbox:

- ☐ Unscrew bolt -1- for ATF line.



All models:

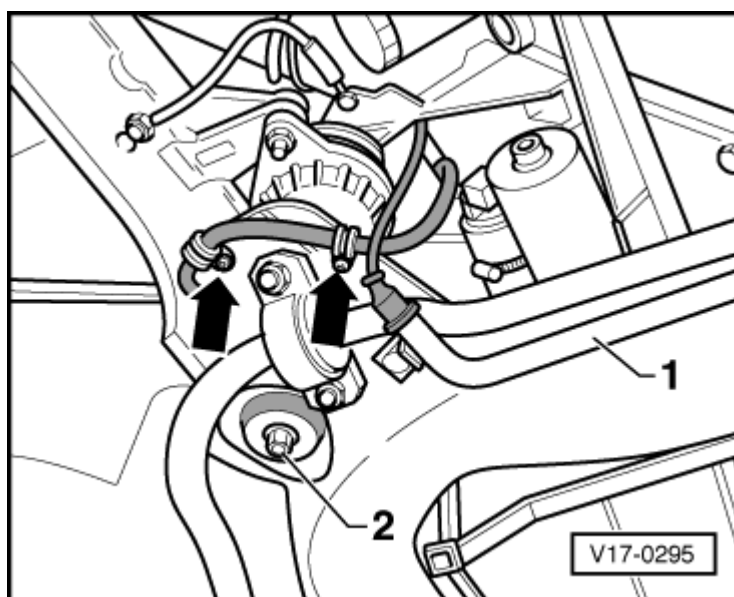
- → Support subframe with workshop crane VAS 6100 or V.A.G 1202 A.



- → Unscrew retaining clamps - arrows- for starter cable at subframe.
- Unscrew cable routing -1- for alternator at subframe.
- Unscrew left and right bolts -2- on front of subframe.

Note:

The subframe should be detached and lowered at the front only, otherwise it will be necessary to check wheel alignment.

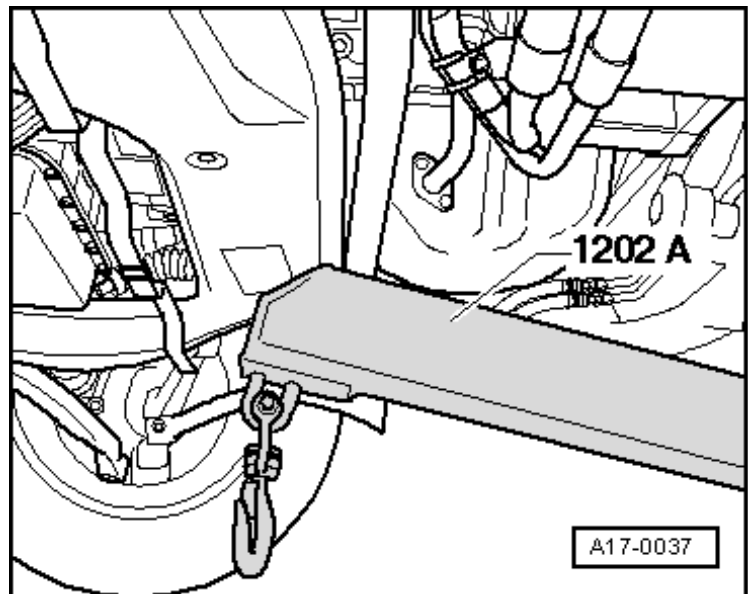


- → Slowly lower subframe with

workshop crane VAS 6100 or V.A.G
1202 A.

Important

**The subframe is lowered by releasing
the bolts approx. 100**



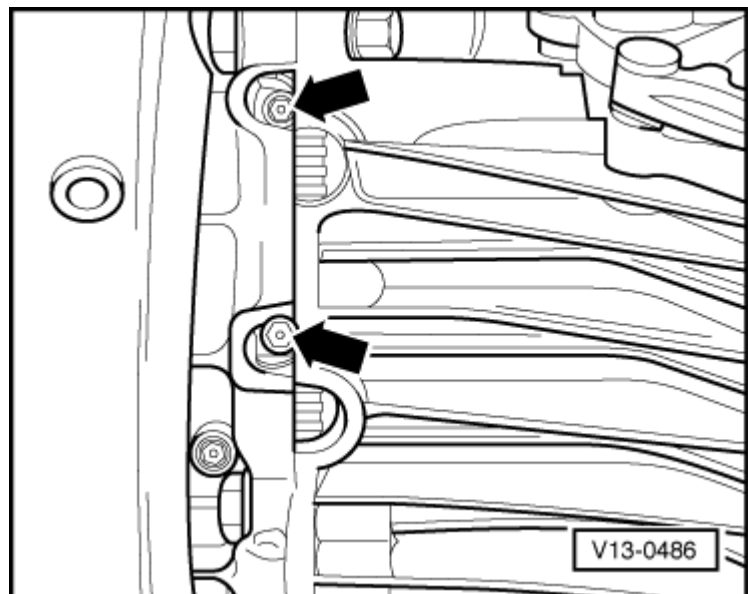
- ☐ Unclip electrical wire from oil temperature sender at sump and set aside.
- ☐ → Turn crankshaft until the two securing bolts -arrows- of the sump are visible at the recesses.
- ☐ Unscrew and remove sump, if necessary loosen it by striking lightly with a rubber hammer.

Installing

Installation is carried out in the reverse order; note the following:

Notes:

- ☐ Replace seals and gaskets.
- ☐ When installing engine/gearbox support with engine removed, ensure that the engine/gearbox support is flush with the cylinder block on the flywheel side.
- ☐ Clean sealing surfaces before installing sump.
- ☐ Apply a thin coating of sealant to front and rear sealing flange/cylinder block sealing points at sealing surface to sump.
 - ☐ Sealants



=> Parts List

- ☐ Tighten bolts securing sump to cylinder block in two stages in diagonal sequence.
- ☐ Fitting subframe with new bolts:

=> [Running Gear, FWD and 4WD; Repair group 40](#)

Tightening torques

Component	Nm
Sump to cylinder block 1)	20
Brackets for ATF lines	10
Oil drain plug	30

1) Special bolts, use genuine replacement bolts only

=> Parts List