*Note:*

Switch off ignition.

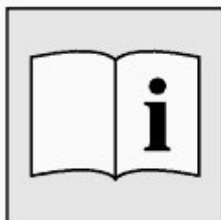
Follow instructions for disconnecting and connecting battery.

Disconnect and cover battery negative lead.

**Caution!**

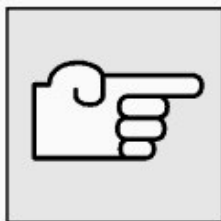
When working on the oil, coolant or fuel circuit, it is essential to protect the alternator against contamination. Cover alternator with suitable materials.

Failure to comply with this procedure may result in an alternator malfunction.



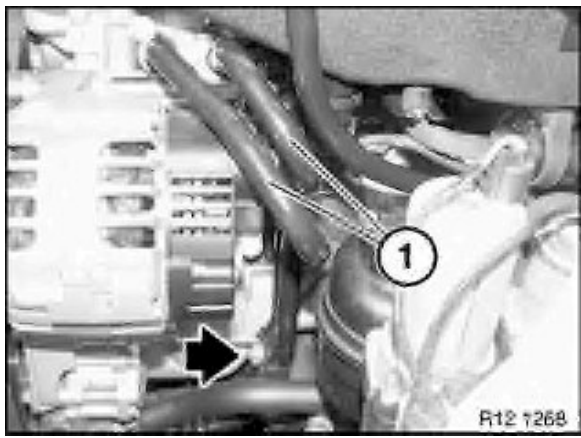
Remove fan cowl.

Remove alternator drive belt.

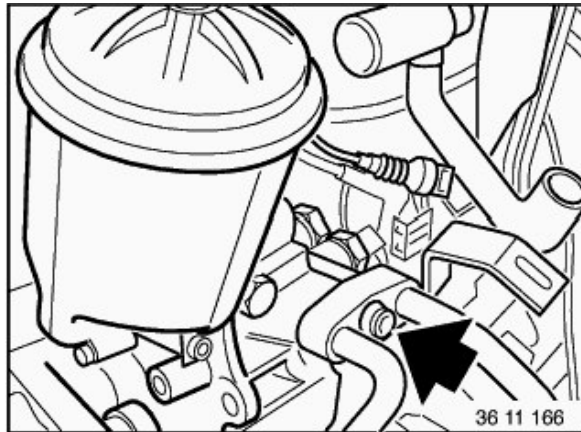
*Note:*

Drain the main flow oil filter in order to prevent an excessive discharge of oil when the oil cooler lines are disconnected.

This operation is described in the section "BMW engine oil service incl. supplementary service".



Release screw on holder for oil cooler lines (1).



Caution!

Have a cleaning cloth ready. A small quantity of oil will emerge after the oil lines have been disconnected.

Make sure no oil runs onto the alternator. Remove any remnants of oil immediately with cleaning cloth.

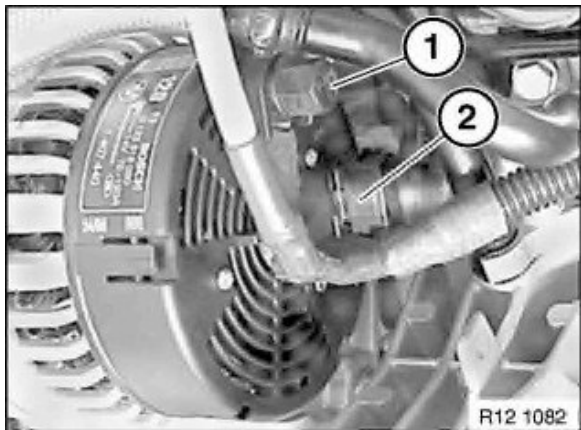
Release screw.

Detach oil lines from main flow oil filter housing.

Lay oil lines to one side to open up access to screw connection of battery positive lead on alternator.

Installation:

Replace O-rings.



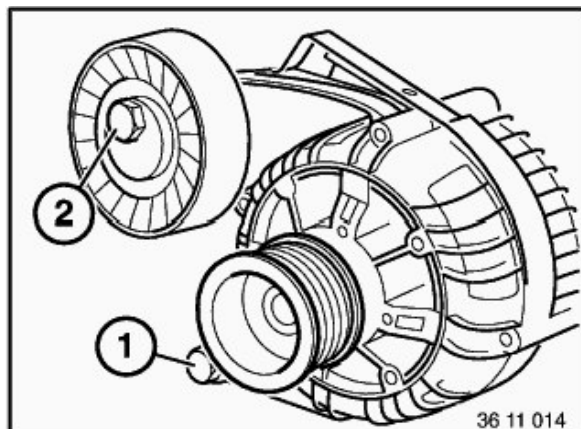
Release nut (1).

Installation:

Tightening torque, 12 31 1AZ.

Remove battery positive lead from alternator.

Unlock plug (2) and detach from alternator.

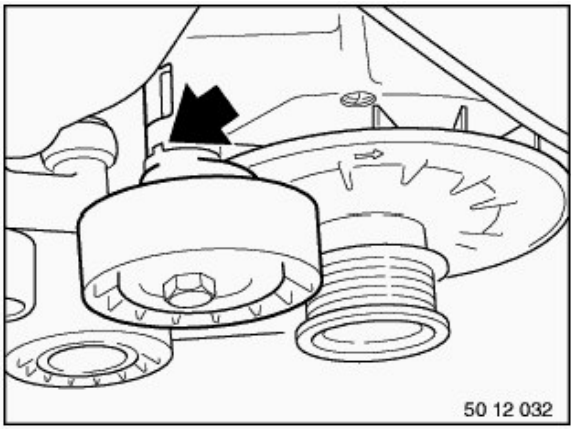


Release screw (1).

Lift off protective cap of screw (2) of tensioning roller.

Release screw (2) and pull out together with tensioning roller.

Remove alternator.



Installation:

Turning lock of tensioning roller must snap into place in groove.