

Alternator: Service and Repair

Removing And Installing Or Replacing Alternator (M52, M52TU, S50US, S52, M54)

Read out fault memories of control units. Turn off ignition.

Follow instructions for disconnecting and connecting battery.

See: Battery/Service and Repair/Instructions For Disconnecting and Connecting Battery

Disconnect and cover battery negative terminal.

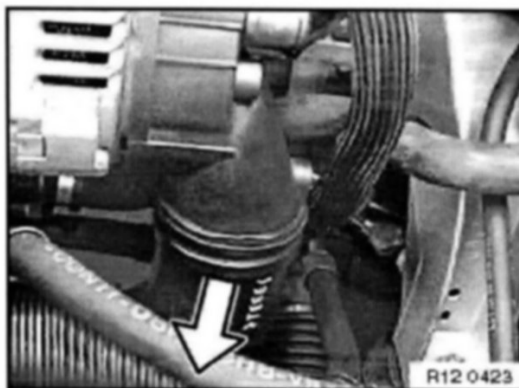
Remove intake filter housing.

Remove fan clutch.

Remove alternator drive belt.

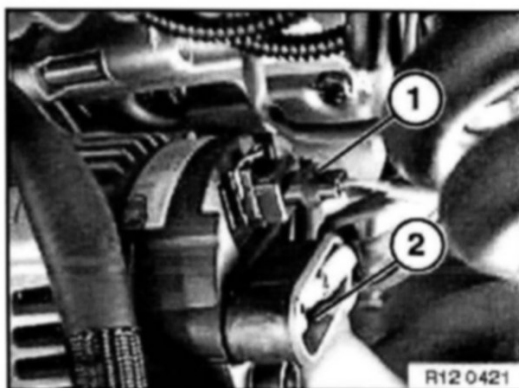
Remove supply tank for power steering pump with bracket and place to one side.

NOTE: Lines on supply tank for power steering pump remain connected.



If fitted:

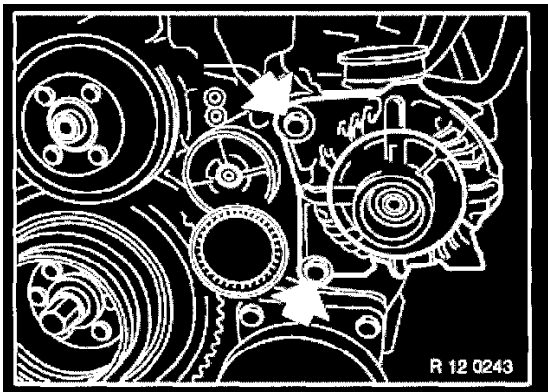
Disconnect air hose.



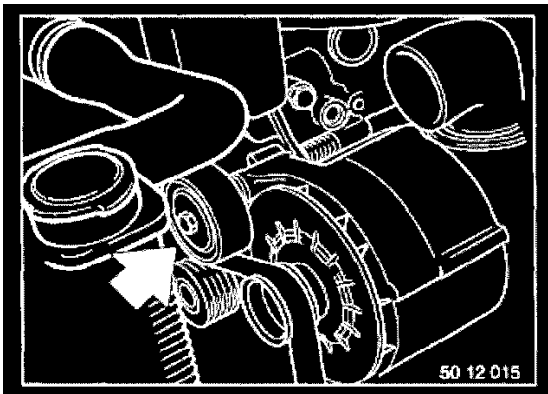
Disconnect plug connection (1).

Remove cover cap of connections.

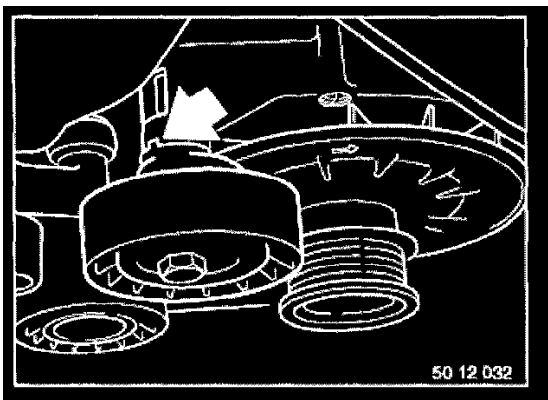
Release nut (2) and remove battery positive lead.



Release alternator screws in succession while holding alternator firmly.
Remove alternator.



Version with tensioning roller:
Follow installation instruction.



Installation Note: Turning lock of tensioning roller must engage in alternator groove.