



Necessary preliminary tasks:

- Switch off ignition.
- Disconnect battery earth lead.
- Remove left charge air duct.
- Remove alternator drive belt.



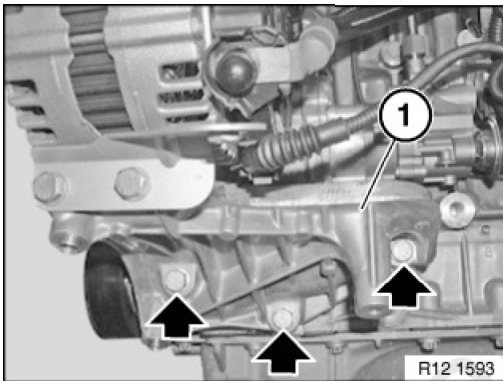
Note:

In order to remove the alternator, it is necessary to **remove** the air-conditioning compressor for the air conditioning system.

In so doing:

- Do **not** draw off A/C system refrigerant.
- Do **not** detach refrigerant lines from A/C compressor.
- Do **not** remove A/C compressor; instead, remove from bracket only and place to one side.

Remove A/C compressor from bracket.

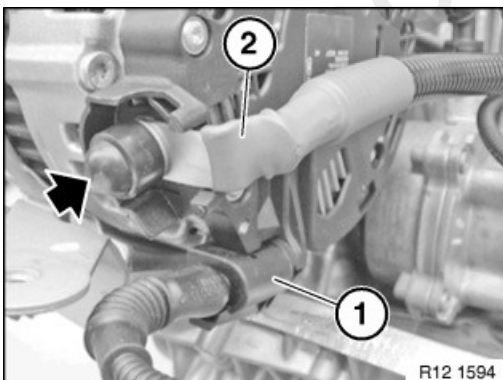


Note:

For purposes of improved clarity, illustrations and description show A/C compressor removed.

Release bolts a few turns until bracket (1) is loose. Do **not** remove bracket (1).

Tightening torque 64 52 5AZ.



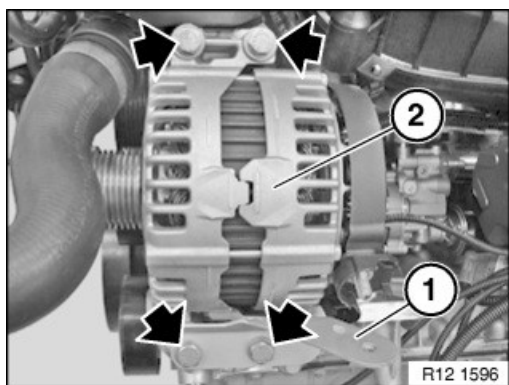
Unlock connector (1) and remove.

Remove protective cap and release nut underneath.

Tightening torque 12 42 1AZ.

Remove positive battery cable (2).





Release screws.

Remove bracket (1) and alternator (2).

Tightening torque 12 31 1AZ.



Assemble engine.

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