

64 52 521

Replacing air conditioning system compressor (N55)**Special tools required:**

- [00 9 030](#)
- [32 1 270](#)

**Warning!**

Danger of injury!

Refrigerant circuit is under high pressure!

Avoid contact with refrigerant and refrigerant fluid.

Read and comply with safety information:

- [Handling R 134a refrigerant](#)
- [Handling refrigerant fluid](#)

**Important!**

Risk of damage!

Restart engine only when air conditioning system has been correctly filled.

Read and comply with [notes on compressor replacement](#).

Follow [notes](#) for opening and replacing parts in refrigerant circuit.

If air conditioning system is opened for more than 24 hours:

[Replace condenser for air conditioning](#).

**Necessary preliminary tasks:**

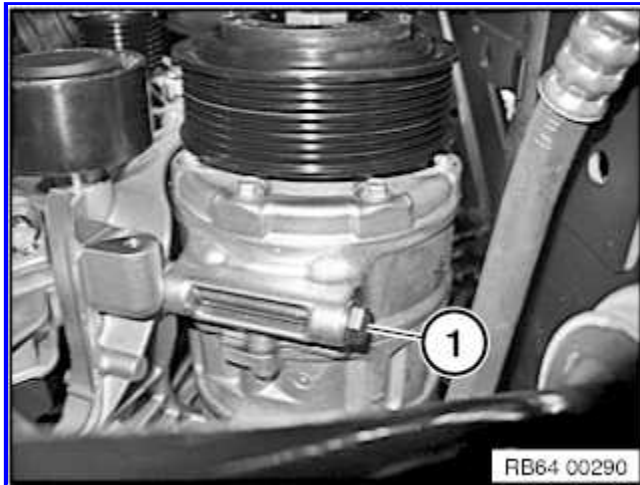
- [Drawing off, evacuating and filling the A/C system](#) are not included in the time value given for this work operation

- Remove [drive belt for alternator](#)
- Remove left [charge air duct](#)



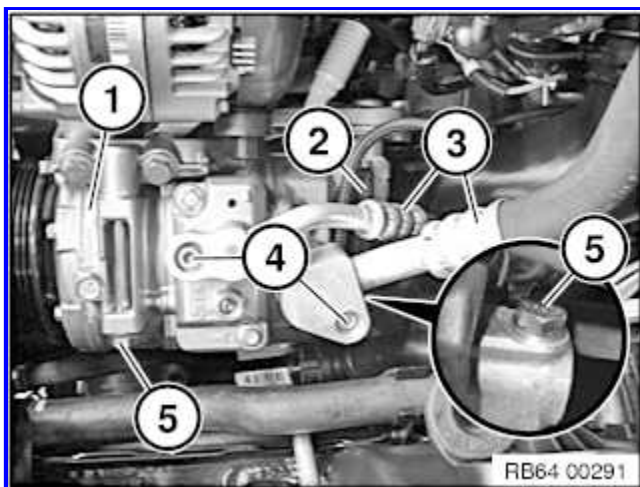
Important!

Seal openings or lines on compressor with special tool [32 1 270](#) to prevent escape of media and dirt contamination.



Release screw (1) from below.

Tightening torque [64 52 3AZ](#).



Release screws (4) and remove refrigerant lines (3).

Tightening torque [64 52 1AZ](#).

Unfasten plug connection (2) and disconnect.

Note:

Secure compressor (1) against falling out.

Release screws (5).

Tightening torque [64 52 3AZ](#).

Feed out compressor (1) in upward direction.

Installation note:

Replace sealing rings.

Use special tool [00 9 030](#) to mount sealing rings without damaging them.

Replacement:

- [Change oil of compressor](#)



After installation:

- [Evacuate and fill air conditioning system](#)