



AIR CONDITIONING COMPRESSOR

FAMILY CODE: **30014**

The air conditioning compressor is an essential component of the air conditioning system. It enables the refrigerant to circulate by compressing it. It enables cold air to be produced in the passenger compartment.



NON-EMITTED CO₂*: *under investigation*



MATERIAL SAVINGS*: *under investigation*

*Source: Life-Cycle Assessment (LCA) Europe.
Based on a European study Material savings and non-emitted CO₂ on average compared with the new equivalent MOPAR genuine part. Values are given for information only, corresponding to the main seller of the similar products and determined according to a methodology approved by an independent company (Sphera methodology).



REMANUFACTURING STEPS

- Full cleaning
- Systematic replacement of wear parts: pulley, clutch, pistons, bearings, etc.
- Check dimensional tolerance and measurement of all components
- Leak and performance test in accordance with greenhouse gas regulations



MAINTENANCE & REPAIR GUIDELINES

The air conditioning compressor must be replaced when:

- The air from the air conditioning system is not cold
- The volume of conditioned air is low
- The drive belt whistles
- There are leaks of fluid other than water
- There is a noise in the air conditioning compressor
- There is a whistling noise when starting



ADDITIONAL CHECKPOINTS

- Auxiliary drive belt
- Seals
- Tensioner roller
- Idler roller
- Fluid hoses
- Cooling gas

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