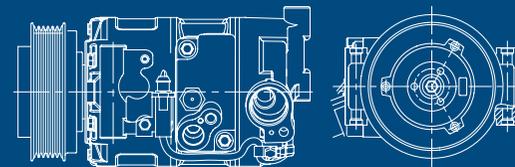




# NISSENS' TECHNICAL TIPS

## AC Compressors



**NISSENS NUMBER** **890635/  
890637**

**MANUFACTURER** VOLKSWAGEN

**MODEL SERIES** MULTIVAN/CARAVAN/TRANSPORTER

**PRODUCT SUBJECT** AC SYSTEM NOT COOLING/  
NOT FUNCTIONING

**MODEL** T5

**YEAR** 2005

**ENGINE CODE** AXD

### VOLKSWAGEN T5 FULLY AUTOMATIC AC SYSTEM

**Damaged freewheel** - Poor maintenance of the power steering pump and the air condition compressor causes damages to the GATES clutch (torn or cracked teeth).

- Make sure that the GATES clutch does not have any visual damages.
- Make sure that the overload protection does not prevent the compressor from turning the freewheel. By movement or blocks in either direction, replace the freewheel with OT no. 070 903 201 C (photo 1).
- Do not replace a fully functioning AC compressor when the freewheel is defective.
- Replace the damaged GATES clutch with OT no. 070 903 327 (see photos 2 & 3).
- Check if sleeves and mounting dowels on the bracket are worn. Furthermore, check if bracket dimensions are accurate.
- By measurement of 60 mm +/- 5.5 mm (measured without sleeves), replace



Photo 1



Photo 2



Photo 3

For more technical product information, please consult our online catalogues at [www.nissens.com/catalogue](http://www.nissens.com/catalogue), or contact your local sales office or one of the official Nissens distributors.

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