



# Revised Compressors

Revised DCP20021(K) for easy installation

## 1. Outline

This bulletin is to inform you about the product change of the DCP20021(K) with 40cc of oil.

## 2. Applicable product

DCP20021 & DCP20021K



DCP20021



DCP20021K

## 3. Background

To reduce the risk of compressor failures after installation, the DENSO After Market Division has adapted the volume of oil contained within the compressor\*. The previous DCP20021(K) was pre-filled with 90cc of oil, but the revised DCP20021(K) is now pre-filled with 40cc of oil.

### **\*Important!**

Always check the compressor installation guide for the right installation procedure. You will find the compressor installation guide in the box with the new compressor, in TecDoc and on our aftermarket website: [www.denso-am.eu](http://www.denso-am.eu).



**4. Additional information**

After investigation into the causes of compressor failures occurring shortly after DCP20021(K) installation, it became evident that many workshops were failing to flush the A/C system to remove the remaining oil from the A/C system. This resulted in too much oil present in the A/C system (90cc of new compressor + 40cc inside system = 130cc of oil) and in many cases would lead to a broken limiter of the DL-Pulley due to liquid lock. We have now changed the pre-fill quantity of the DCP20021(K) to 40cc of oil to minimise the risk of compressor failure due to liquid lock.

**5. Compressor identification**

You can identify the new DCP20021(K) by the new DENSO label. It will now display 40cc of ND-oil 8, instead of 90cc ND-oil 8.

DENSO compressor label



**6. Oil distribution A/C system**

Oil distribution within the A/C system (reference values, varying depending on outside temperature and engine load)

