

SUBJECT: Oil Pressure Safety Switch // Sensor and Sensor BlockDATE: December 21th, 2011

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Product Name: 06D/06E/06CC OEM Compressors

Carlyle is pleased to announce the introduction of a new Oil Pressure Safety Switch (OPSS), which is an upgrade to the Danfoss MP54 and a replacement for the Penn-Johnson P545 switch. This bulletin provides ordering and new product information for the upgraded switch. Installation and operating instructions for the switch are included in a separate technical bulletin, 11T-2, which is available at www.carlylecompressor.com.

To simplify installation of the switch for our customers, Carlyle is also offering new compressor models which incorporate the OPSS sensor and sensor block as part of the compressor assembly (see [Figure 1](#) below). These new compressor models will be configured at our factory to have the sensor and sensor block installed, leak tested during the normal production process and a plastic cap installed over the sensor threads. This simplifies the installation of this new accessory as the compressor will no longer need to be opened to the atmosphere to connect the sensor block during the accessory installation process. The module may be attached to the sensor simply by removing the protective plastic cap from the sensor and threading the module connector onto the sensor.

Figure 1

Further, the sensor block has been upgraded with an 'O'-ring fitting for the high side port to improve reliability. The new sensor block design is compatible with the existing oil pump / bearing head assembly and is also available for retrofit applications.

Page two of this bulletin provides part number and ordering information for:

- The new OPSS electronic module
- The new compressor configurations with the sensor and sensor block
- The upgraded OPSS kits for retrofit applications

Oil Pressure Safety Switch (OPSS) – Electronic Module

Carlyle is offering the OPSS electronic module (PN **06DA509570**) as a separate accessory item for those customers that order the compressor configurations with the OPSS sensor noted below.

Screw-in Sensor 06DA509571 Installed in compressor
Electronic Module 06DA509570 Offered as separate accessory



New Compressor Models

New compressor models, with the upgraded oil sensor block and OPSS sensor will be offered for all 06D & 06E semi-hermetic as well as the 06CC two-stage compressors. The compressor model numbers have been updated as noted below:

Model Family	Model Number Change	Example
06D semi-hermetic	Insert "S" for 8 th digit	06DR337SDA365A
06E semi-hermetic	Insert "S" for 9 th digit	06ER4753SA
06CC two stage	Insert "S" for 10 th digit	06CC675F2S1

New OPSS Accessory / Retrofit Packages

New OPSS switch and sensor block component packages have also been setup to support installations where the compressor has not been ordered with the sensor and for retrofit applications. The new packages replace the obsolete 06DA660114 and 06DA660115 oil pressure safety switch kits.

New OPS Kit	Previous OPS KIT	Includes
06DA660169 (Sensor Block)	06DA660114	Updated sensor block and all items necessary to install on any 06D/06E/06CC compressor (sensor block, Oring fitting, gasket, mounting bolts)
06DA660170	06DA660115	New OPSS screw-in sensor and electronic module (shown above) plus contents of 06DA660169 sensor block mounting kit.

ORDERING NOTES

- The new compressor configurations will only be available on limited request until the second quarter of 2012. Please consult your regional sales manager as additional lead-time requirements may be necessary to accommodate orders of compressors with the sensor block.*
- The existing OPS kits (06DA660114 & 06DA660115) will continue to be available through the transition period which will extend into Q2, '12.*