



DATE: 20-Mar-05

SUBJECT: Air Pressure switch N10161 – Model 6027 Top Drive Motor

SERIAL NUMBERS: 036, 049, 116, 123, 160, 166, 173, 189, 197, 257

DISCUSSION: The original design for checking if the GE-761 DC motor receives adequate air cooling included a pressure switch, sensing the relative pressure in the commutator chamber of the motor. In an attempt to simplify the spare parts of all TD models, a factory adjustment of 4.5" water column was selected and installed. It was discovered that this pressure setting is too high for the GE-761 DC motors and WEG AC motors. As a result, we created a new part number for a switch that is factory adjusted to 3" of water column. The new CANRIG part number is **N10161-3** (to replace the existing switch N10161).

RECOMMENDATION: If you are experiencing intermittent or constant "TD Low Air" alarms on a 275Ton Top Drive, please contact the CANRIG field service department. We will either re-adjust the existing switch to the new setting or provide you with a new switch of the correct setting.

When in doubt, do not hesitate to contact CANRIG and ask questions.

INFORMATION:

For further information contact:

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