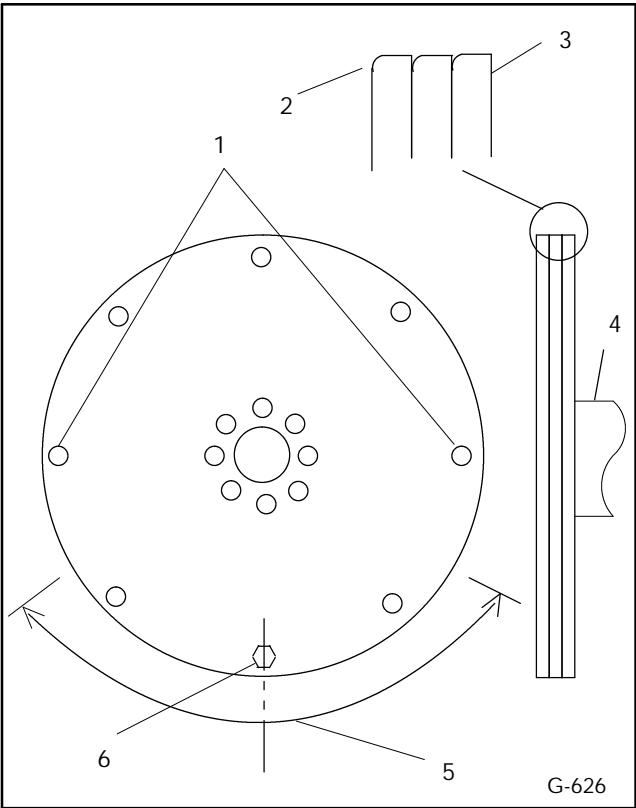# SERVICE BULLETIN

Original Issue Date: **5/99**
Model: **20–300 kW**
Market: **Industrial**
Subject: **Drive Disc (Flex Plate) Replacement and Alignment**

The manufacturer of Spectrum© recommends replacing the drive discs when reassembling the generator set. If the drive disc(s) are removed during the disassembly procedure install new drive disc(s) during the reassembly procedure.

Refer to the appropriate generator set service manual for safety precautions, assembly procedures, and torque specifications not included in this service bulletin. In addition, use the following drive disc alignment procedure. Some drive discs may not have the hex hole but follow the alignment procedure regarding aligning the burr sides facing the same direction.

Drive Disc Alignment Procedure

1. Align the individual drive discs with the hex holes (if equipped) together and with the drive disk burr sides facing the same direction. Temporarily place two alignment pins (not supplied) or bolts in the outer holes at opposite ends and 90 degrees from the hex hole before installing the drive disc to the rotor shaft. The pins help maintain concentric alignment of the individual drive discs during installation. See Figure 1.

2. Attach drive disc(s) to the end of the rotor shaft with the drive disk burr side toward the rotor and with the hex hole at the stator bottom position or within 60 degrees clockwise or counterclockwise of the bottom position as viewed when the stator is installed on the skid. Torque the drive disc(s) mounting bolts to specifications. Remove the two alignment pins or bolts.

1. Install alignment pins or bolts here
2. Rolled corner toward the engine flywheel
3. Burr side toward the rotor
4. Rotor shaft
5. 120 degrees total– position drive disc hex hole at the stator bottom position or within 60 degrees clockwise or counterclockwise from the stator bottom position
6. Drive disc hex hole

Figure 1. Aligning and Mounting Drive Discs

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