

ISSUE DATE 8/88 MODEL 4.5CKM--RV
REVISION DATE ---- Generators

SUBJECT **Stator Alignment NO. 480
& Spacer Position**

When reassembling the generator after servicing, be sure the stator is properly aligned with the engine adapter. When properly aligned, the edge of the stator shell is flush with adapter edge; the stator shell must not extend over the adapter edge at any location. Newer model sets are equipped with aluminum spacers and nylon lock nuts on the overbolts to maintain correct stator alignment. If newer model sets are disassembled, be sure to reinstall spacers and lock nuts during reassembly. See Figure 1. The installation of spacers and lock nuts is also recommended on older model generators not originally equipped with these components. A quantity of four spacers (278406) and lock nuts (X- -632- -1) is required for each unit. To install these components, align one spacer

and lock nut with a threaded overbolt hole in the adapter. Insert overbolt through spacer/nut and thread into engine adapter hole. When properly positioned, the spacer will fit snugly against the engine adapter and is secured with the nylon lock nut. The lock nut cannot be adjusted once the overbolt is installed. A flat side of the lock nut should contact the stator shell to prevent lateral movement of the stator. Repeat this procedure for the remaining overbolts, alternating sides to maintain stator alignment. It may be necessary to crimp at least one of the spacers with a pliers or similar tool to maintain spacer position. Proceed with reassembly procedure as outlined in the generator service manual.

Figure 1. Stator Alignment and Spacer Position