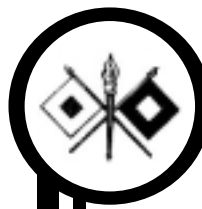


GTA 11-08-006



**OPERATING
PROCEDURES
(POWER UNITS)
PU-618/M
AND
PU-619 / M**

MOS 31C

SUBERSEDES GTA 11-8-2

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STARTING PROCEDURES

NOTE: Refer to generator set TM for manual starting.

1. Place circuit breaker in off position.
2. Place remote-local switch in local position.
3. Place emergency stop-run switch in normal position
4. Turn voltage adjusting knob fully counterclockwise.
5. Set voltage selector switch to monitor desired phase or line voltage.
6. Set current selector switch to monitor desired current.
7. Place governor control to govern position.
8. Pull out choke control, after engine starts, slowly return to in position.

NOTE: Before starting engine, check load terminals for correct output connection and voltage phase switch position.

9. Press the start-stop switch to the start position, release after engine starts.

OPERATING INSTRUCTIONS

WARNING: DO NOT INSTALL OR CHANGE LOAD CABLES OR CHANGE VOLTAGE PHASE SWITCH WHILE THE GENERATOR IS IN OPERATION.

1. Observe engine oil pressure indicator for reading of 20 to 60 PSI.
2. Observe battery charging indicator. It should read on the plus side of the scale.
3. Check frequency meter for normal reading of 60HZ. If the meter does not indicate 60HZ, the engine governor must be adjusted.
4. Check generator output voltage. Output voltage is controlled by "VOLT ADJ" knob on the front panel.

NOTE: If no output is indicated and the generator set has been in storage or out of operation for a long period of time, lower the front panel of the control cabinet and momentarily press the field flash switch.

5. When set is adjusted to proper levels and the engine has reached operating temperature (3 to 5 minutes) place circuit breaker in on position.

STOPPING PROCEDURES

NOTE: When emergency stopping is required, perform step 5 only.

1. Remove the load by placing the circuit breaker in the off position.
2. Allow engine to run with no load 3 to 5 minutes.
3. Press the start-stop switch to the stop position and release
4. Place the three-way fuel valve in the off position.
5. Place the emergency stop-run switch in the emergency stop position.

AFTER OPERATION CHECKS AND SERVICES

1. Inspect the engine for loose or missing wiring, parts and for any oil or fuel leaks.
2. Check oil level and add oil if necessary.
3. Check air flow indicator and clean or replace element if indicator shows red.
4. Inspect fuel filter for dirt, water or sediment. Clean if necessary.
5. Inspect oil filter for oil leaks and repair if needed.