

HOMELITE GASOLINE ENGINE GENERATOR SETS

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1. GENERAL

1.01 This section provides routine test and inspection instructions for Homelite gasoline engine generator sets and equipment.

1.02 The section is reissued to correct the issue designation and make minor revisions to update the section. Arrows are omitted.

2. OPERATION

2.01 Refer to the instruction manual that is supplied by the manufacturer and is provided with each set. Additional manuals can be ordered from the manufacturer.

Ordering Guide:

Order from Western Electric on Form P-505. State model no. and mark requisition.

Available from —

Homelite (Attn. Service Dept.)
Box 134
Port Chester, New York 10573

2.02 In order to insure proper lubrication, to avoid rusting of the cylinder walls and to minimize the collection of sediment in the fuel supply system, run the engine periodically as specified in 4.01. Short runs, eg, demonstration starts, are injurious and should be avoided because engines do not have time to come up to normal running temperature.

3. ADJUSTING PROCEDURES

3.01 Refer to the instruction manual that is supplied by the manufacturer of the set for adjustment procedures.

4. PERIODIC ROUTINE TEST AND INSPECTION OF SET AND EQUIPMENT

4.01 At *three* month intervals take each engine generator set outside of the storage location and into the open air. Run the engine for one hour with the generator connected to an artificial load or to whatever office load is available (not to exceed rated capacity of the set). Check its behavior under load. When no load is available, a 15 minute run is sufficient. Be sure to observe meter readings. During the test, observations should be made to check the performance and to determine if there are signs of trouble. Any troubles which are likely to develop will probably be noticed during such a test run and may be corrected before the set is needed at a time of actual power failure.

4.02 Check and inspect all miscellaneous equipment associated with each set for missing or broken parts at *three* month intervals. If a hand lantern is part of set, test to see that it is in proper working order. Where battery type hand lantern is used, the batteries should be changed at intervals of *eight* months. Keep the connecting cables, retard coils, tools and miscellaneous items in the wooden box provided for storing and carrying this equipment when not in use. All sets should be stenciled with the following:



WARNING:

Do not run engine inside of the building.

5. TROUBLE REPORT

5.01 Any engine trouble encountered on a regular or routine run should be immediately reported to the supervisor. The supervisor will verify the nature of the trouble and have the set repaired.

5.02 If the trouble cannot be repaired by the local forces, an outside contractor or agency of the Homelite Company should be contacted.



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