



DEALER INFORMATION, TECHNICAL
ADVICE AND PRODUCT INFORMATION
CAN BE OBTAINED AT THIS NUMBER

TECHNICAL SERVICE

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BULLETIN

No. H01A-005
DTAC Solution No. 51191

SUBJECT: ENGINE SURGES, CARBURETOR MAY HAVE VARNISH BUILD UP

AFFECTS: ALL NEW HOMELITE GENERATORS USING 4-CYCLE ENGINES. SEE THE FOLLOWING UT NUMBER TABLE BELOW

Model		UT #		Engine Brand
LRI2500		UT-03777-B		Briggs
LR4300		UT-03828		Robin
LR4400		UT-03781-B		Briggs
LR5000T		UT-03829		Tecumseh
LR5500		UT-03774-B		Briggs
LR5550		UT-03833		Robin
LRE4400		UT-03783-B		Briggs
LRE5550		UT-03834		Robin
LRX3000		UT-03819		Robin
LRX4500		UT-03820		Robin
LRXE4500		UT-03821		Robin
LRX5600		UT-03822		Robin
LRXE5600		UT-03823		Robin

Complaint or Symptom:

New units may not start or may run poorly (Surges).

Situation:

All Homelite® Generators are test run at the factory, but residual fuel may have been left in the carburetor bowl causing a varnish build-up.

Solution:

Perform the following pre-deliver inspection to ensure the units are performing to proper factory specifications.

- 1) Remove the generator from box and fill the engine with recommended engine oil.
- 2) Remove fuel line from carburetor inlet fitting.
- 3) Spray John Deere Carburetor Cleaner (P/N TY15971) or equivalent into the inlet fitting of carburetor for 15 seconds.
- 4) Re-connect the fuel line at carburetor and remove the fuel line from the bottom of fuel tank at fuel fitting.
- 5) Using a separate fuel tank, connect the generators fuel line to an alternate fuel source with fresh fuel.

6) Follow normal cold starting procedure. Start the engine and let unit run for 5 minutes to warm up.

Note: if unit does not start with above procedure, you may have to remove the carburetor bowl and clean the inside of bowl, venturi and nozzle to resolve the issue. Also, for those units with low oil shut off, make sure that the engine oil is filled to the proper level. If oil level is low, the low oil shut-off will cause unit to have no spark.

7) With engine running at full throttle, test load unit with approximately 4000 watts or rated load.

Dealers can use a combination of grinders, saws, drills and fans to achieve this rating.

8) Does the generator perform correctly? Does the engine runs smoothly at both idle speed and full throttle with a load and no load?

If Yes, remove fuel line and let unit run until the engine runs out of fuel and continue with step # 9.

If No, Set unit aside for more detailed diagnostics and repair.

9) Let unit cool, leave engine oil in crankcase and re-box unit in original box.

INFORMATION:

No repair parts should be needed, however, dealers should obtain carburetor cleaner, engine oil and fuel through the normal channels.

ACCOUNTING:

After you have completed the above PDI, file a warranty claim in the normal manner for reimbursement. If you have several units, you can put all units on one claim form. Supply a list of all serial numbers on the claim for proper reimbursement amount.

List the carburetor cleaner, engine oil and fuel as miscellaneous service items, under "box 7 parts used" for a total of seven US dollars per unit.

IMPORTANT: Use the information found on the serial number tag to file the claim. The UT & Serial number tag on the unit can be located on the metal tank support bracket at the front of the fuel tank.

LABOR: 0.7 Hours per unit / Job Code CF10

QUESTIONS: Dealer's questions can be answered by calling Homelite® Dealer Technical Assistance Center (DTAC) at 1-877-291-6522.

DATED: 10/01