

## Diagnostic Test Plug

*Do not throw away this plug.*



The Diagnostic Test Plug should only be used by a technical representative from Parker in order to diagnose compressor issues. Please keep this plug with the generator's documentation or accessories.

**Description:** The purpose of this test is to isolate and verify that the generator's compressor reaches max pressure (specified in the Table in Step 5) within 2 minutes. If the Pressure is OK then the pressure problem is downstream of the compressor.

### Diagnostic Procedure

1. Power Down generator and allow enough time for the generator to depressurize, verify by observing the generator's pressure gauge located on the front panel.

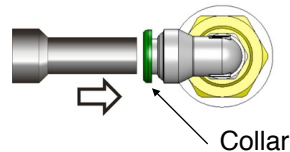
Note: It can take up to an hour if fully pressurized.

2. On the back panel, locate the air outlet connection (not labeled) that connects to black separator assembly.

3. While pushing down on the connection's collar, pull to remove the 3/8" tubing from this location.



4. Insert The Diagnostic Plug into this connection.



5. Power ON generator, and time how long the generator takes to come up to max pressure and shuts off the pressure switch. Refer to chart below for times. If test passes, then the problem is downstream of the compressor. If test fails a problem resides with compressor.

- a. Check for leaks. For troubleshooting refer to Manual or call Technical Services for assistance 1.800.343.4048

Model	Pressure Switch OFF Setting	Time to Shut OFF
LCMS-5000	0.0 psig - 145psig	< 2 min 20 secs
NITROFLOW60 NITROFLOWTG1	0.0 psig - 125psig	< 2 min.
NITROFLOWTG2	0.0 psig - 145psig	< 2 min 20 secs

6. To remove Plug after test, power off the generator. Remove the bottom access panel located on the right side. Using a slotted screwdriver remove the top two screws and loosen the bottom screws and pull access cover off.
7. Locate the Drain Solenoid. Press and hold the “TEST” button to depressurize the tank. Remove plug once depressurized and replace the tube into fitting.

