



CARBURETOR WARRANTY CHECK LIST

Dealer number _____ Technician _____ Inspection Date _____
 Engine model number _____ Engine serial number _____

IMPORTANT: This check sheet must be completed before replacing a carburetor under warranty. This check list must accompany all MTD engine carburetor warranty claims. Failure to do so will result in the warranty claim being returned.

Symptoms

Does not start

- Check for ignition
- Check compression
- Check valve lash
- Check for a blocked air filter
- Check fuel quantity (at least 1/2 tank)
- Check fuel quality (water, dirt, stale, etc...)
- Test for alcohol*
- Check fuel filter
- Check for full choke movement (if equipped)

Dies after starting

- Check fuel quality (water, dirt, stale, etc...)
- Check fuel filter
- Check fuel flow to the carburetor
- Check fuel tank venting

Idles rough/misfires

- Check fuel quality (water, dirt, stale, etc...)
- Check governor and speed settings
- Check for linkage interferences
- Check for debris/dirt in the carburetor (jet and emulsion tube)

NOTE: Removal of the welch plugs will destroy the carburetor and void the warranty.

- Check carburetor O-rings
- Check for an intake air leak

Hunting/surging

- Check fuel quality (water, dirt, stale, etc...)
- Check governor and speed settings
- Check for linkage interferences
- Missing or damaged springs
- Check for debris/dirt in the carburetor (jet and emulsion tube)

NOTE: Removal of the welch plugs will destroy the carburetor and void the warranty.

- Check carburetor O-rings
- Check for an intake air leak
- Test for alcohol*
- Check fuel filter
- Check valve lash

Poor power

- Check fuel quality (water, dirt, stale, etc...)
- Check governor and speed settings
- Check for parasitic loads

Running rich (black smoke)

- Check choke operation
- Check air filter
- Check for needle and valve seat leakage

Flooding carburetor

- Check fuel quality (water, dirt, stale, etc...)
- Check for needle and valve seat leakage
- Check for a blocked bowl vent or that the metal gasket installed incorrectly

Other -Describe _____

Cause of failure _____

* Refer to Tech Brief 12.18.07 for alcohol testing.

** Engine manuals are available through the dealer service site