

Dealer: _____

Inspector: _____

Inspection Date: _____

Model: _____

Serial: _____

Spec: _____

Warranty Claim: _____

Carburetor No.: _____

EWR: _____

Purpose: Please read the Symptoms Observed below and complete only the section that applies to the carburetor failure. This form must be filled out each time a warranty claim is submitted for a replacement carburetor. Any claims submitted without this form attached will be returned.

Symptoms Observed

Cranks But Does Not Start

- Check carburetor solenoid operation.
- Check fuel supply.

Dies After Starting

- Check fuel quality.²
- Check fuel supply to carburetor.
- Check fuel tank venting.
- Check carburetor solenoid operation.

Idles Rough/Misfires

- Check fuel quality.²
- Check for intake leaks.
- Check for dirt/debris in carburetor jets.
- Check carburetor O-Rings.
- Verify fuel shut-off solenoid is operational.

Hunts/Surges

- Check fuel quality.²
- Check governor and speed settings.
- Check for linkage interferences.
- Check for dirt/debris in carburetor (lean condition).
- Check accelerator pump diaphragm.
- Check fuel pump delivery pressure (1.5 to 2.0 psi).

Poor Load Pickup

- Check fuel quality.²
- Check governor and speed settings.
- Check for defective accelerator pump.
- Check for parasitic loads.

Black Exhaust Smoke (rich condition)

- Check choke setting.
- Check air filter.³
- Check accelerator pump for leakage (clamp hose to test).
- Check for carburetor needle and seat leakage.^{1,3}
- Check HDAC hose position (L.H. side).

Flooding Carburetor

- Check fuel quality.²
- Check carburetor needle and seat for leakage.¹
- Check fuel pump pressure (1.5 to 2.0 psi).

After Bang on Shutdown

- Ensure engine is shutdown according to proper procedure.
- Verify fuel shut-off solenoid is operational.
- Check for accelerator pump leakage.

Other – describe _____

Cause of Failure/Reason Replaced _____

¹If needle/seat is leaking, the recommended cleaning method is to use a cotton swab and mild abrasive to clean the seat. Rinse the abrasive out of the seat with a suitable cleaner and blow dry with compressed air.

²Poor fuel quality (dirt, debris, water, etc.) or the lack of maintenance is **not** covered by warranty.

³Issues which are caused by dirt are **not** covered by warranty.

NOTE: Removal of anti-tamper caps will void warranty.

Kohler recommends the use of fuel stabilizers if engines are to be stored for over 30 days.