

Cub Cadet

SERVICE BULLETIN

Power Equipment

CODE: CC-307

DATE: 20, July 1995

SUBJECT: Product improvement for the CH 11-14 engines found in the 2130, 2135 and the 1340 model Cub Cadet tractors.

PROBLEM: Kohler engine Division has made a design change in their CH 11-14 engines. Engines built before serial number 2512100014 have a flat collector plate mounted below the carburetor throat opening to control fuel spit back and oil mist from the breather. Because the plate is flat, however, excess material can sometimes drip over the edges and accumulate in their cleaner element or run down the base plate. Kohler has designed a new angled collector plate and added a matching rib to the back of the element cover to prevent spill over of excess material.

If you get a complaint of saturated element or oily residue dripping off the air cleaner base, check crankcase vacuum and inspect the breather reed valve. The vacuum reading should be above 4 in. at 3200-3600 RPM no load (as listed in the Kohler Engine service manual TP-2402) and the breather reed should be seating properly. If the engine still has fuel spit back or a oil mist from the breather hose order and install kit KH-12-743-06.

This will be handled as a fix as fail situation. Submit a warranty claim for parts and for .3 hours labor.

Spitback Control Kit 12 743 06

This kit is used to upgrade CH11-14 engines to an improved spitback control design.



WARNING: Accidental Starts!

Before installing this kit, or servicing the engine or equipment, remove the spark plug lead(s) to prevent the engine from starting accidentally. Ground the lead(s) to prevent sparks that could cause fire. Make sure the equipment is in neutral.

Kit Contains –

| Qty. | Description |
|------|----------------------------|
| 1 | Cover, air cleaner element |
| 1 | Plate, collector |
| 1 | Seal |
| 1 | Gasket, collector plate |
| 1 | Installation Instructions |

To Install –

1. Remove the knob and outer air cleaner cover.
2. Remove the wing nut, washer, element cover (with grommet) and air cleaner element/precleaner. Discard the element cover (with grommet) and washer.
3. Remove the hex. flange nuts from the carburetor studs. Remove and discard the collector plate and gasket.
4. Install the new collector plate gasket and collector plate. The wings of the collector plate should be angled upward. Install the hex. flange nuts and torque them to **9.9 N·m (88 in. lbs.)**.
5. Install the rubber seal on the stud of the air cleaner bracket and slide it down to the bottom of the threads.
6. Check the condition of the air cleaner element and precleaner. Service or replace if necessary. Install the air cleaner element/precleaner on the air cleaner base.
7. Notice the arrow and the word "UP" stamped on the face of the new element cover. Install the cover so the arrow points in the 12 o'clock direction and secure it with the wing nut.*
8. Reinstall the outer air cleaner cover and knob.

*NOTE: The direction of the element cover is critical to proper sealing and operation. When the engine/unit is returned to the customer, be certain to point out the markings on the element cover, so he reinstalls it correctly when he services the air cleaner.