

Models: 2166 (13A-254G100)

Date: AUGUST 3, 2000

Subject: KEY SWITCH

The Cub Cadet model 2166 tractor with the single cylinder 16 horsepower Kohler engine features the Smart Spark™ ignition system. The spark advance module (SAM), which is the “brain” of the system, requires a power source of at least 7 volts. It is connected into the main wire harness and is controlled by the key switch.

We have received sporadic reports that some 2166 tractors built prior to serial number/Mfg Date 1E150G were experiencing no spark during cranking. In a number of cases, the problem was traced to the SAM not sensing battery voltage when the ignition key is turned to the “START” position.

A new key switch (see photo below for proper identification) has been designed to eliminate this problem. When a replacement key switch is required for service on the model 2166, use part number 925-3284. Please make a note in your model 2166 parts catalog that 925-3284 key switch replaces 925-3163 key switch in this application.

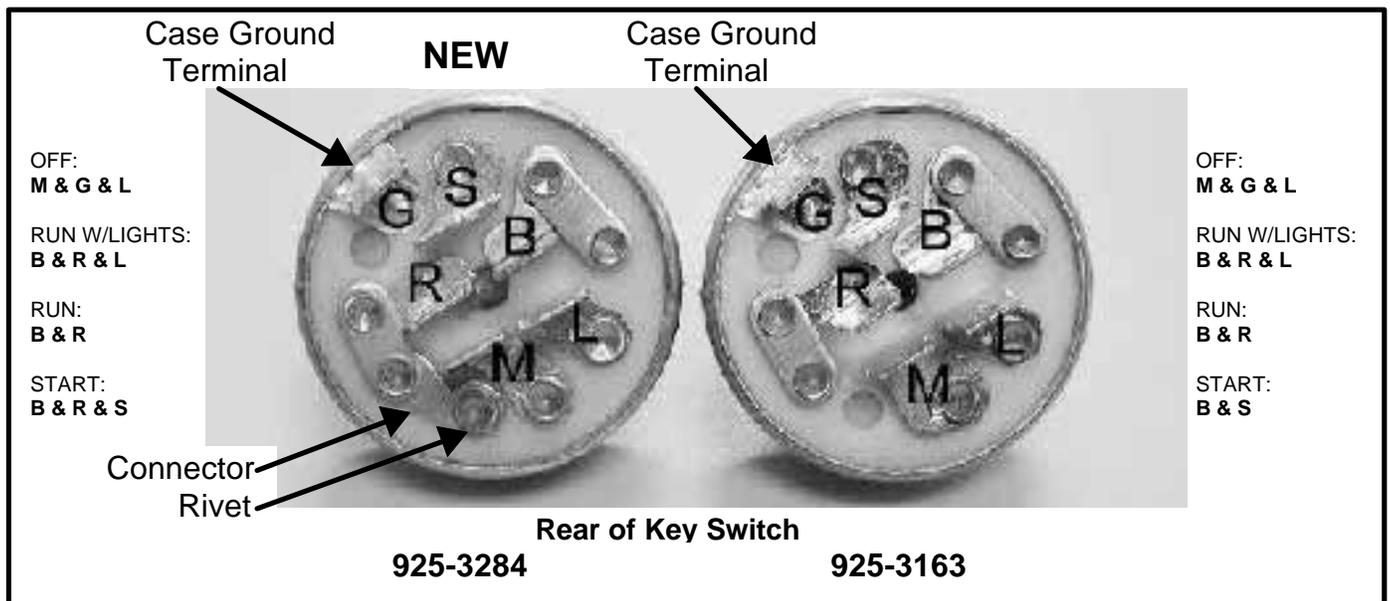
**NOTE:**

The safety interlock system prevents the engine from cranking or starting unless the brake pedal is fully depressed, and the PTO switch is in the “OFF” position.

The safety interlock system will automatically shut off the engine if the operator leaves the seat before engaging the brake lock. To restart the engine after the safety interlock system shuts off the engine, **the key switch must be turned to the “OFF” position** before turning the key switch to the “START” position.

The safety interlock system will automatically shut off the engine if the operator leaves the seat with the PTO in the “RUN” position, regardless of whether the brake lock is engaged. To restart the engine after the safety interlock system shuts off the engine, move the “PTO” switch and **the key switch to the “OFF” position**. Then, fully depress the brake pedal and turn the key switch to the “START” position.

Refer to the Owner’s Manual for additional starting instructions.



Warranty Allowance: Normal warranty terms apply.

Service Manager	Parts Manager	Sales Manager	Service Tech.	Service Tech.

**Circulate and Initial**