Cub Cadet by MTD Service Bulletin cc-345

LAWN TRACTOR & SERIES 2000

Models: All Series 2000 Tractors

Date: April 4, 1997

Subject: PTO SWITCH

Replacement of PTO switch 725-3233 should not be the first action taken to correct an electric PTO problem on a Series 2000 tractor. A simple test can be performed to determine whether replacement is necessary. When replacement is necessary under warranty, attach a copy of the test results to the warranty claim. Failure to provide this information could cause denial of the claim by the supplier.

Testing Procedure for PTO switch 725-3233

1. Using a multimeter (Mandatory Service Tool, Service Advisory dated November 1, 1995), select meter to check ohms.

2. Before performing any test, zero multimeter to ensure accurate readings or determine the meter's resistance. To measure the meter's resistance, connect the two meter leads together and record the reading in the last column of the chart located on back of this bulletin.

3. Cycle (extend/depress knob) the switch 3 times. Next, perform the procedure as shown in the chart on back of this bulletin and record the results. Remember to subtract the meter's resistance performed in step two before recording the results.

4. When the switch circuit is in the closed position, the meter should read below 2.0 ohms.

5. When the switch circuit is in the open position, the meter should indicate infinity or display "OL" indicating no continuity.

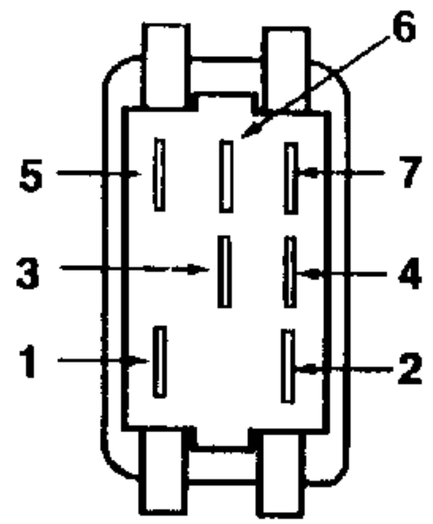
6. If these results are obtained, the switch is likely operating correctly and the problem is elsewhere. (Refer to Series 2000 Service Manual 772-4232)

7. When replacing 725-3233 PTO switch, also furnish one 783-0462 retainer to secure the switch in the dash.

Warranty Allowance: Normal warranty terms will apply.
Electrical System Check - Flate Rate 0.7.

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

Circulate and Initial

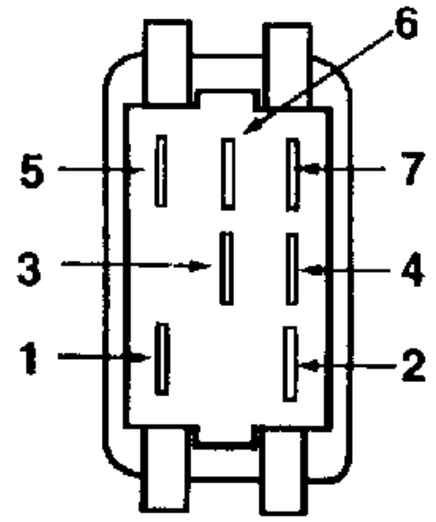


PTO Switch -Terminals

Testing procedure for switch
725-3233

Test Between Terminals	Switch Circuit	Knob Position	Record Ohms Test #1	(cycle switch)	Record Ohms Test #2	(cycle switch)	Record Ohms Test #3	Record Meter Resistance*
1 and 2	closed	down (depressed)						
1 and 2	open	up (extended)						
3 and 4	open	down (depressed)						
3 and 4	closed	up (extended)						
5 and 7	closed	down (depressed)						
5 and 7	open	up (extended)						
6 and 7	open	down (depressed)						
6 and 7	closed	up (extended)						

*Before performing test, zero multimeter to ensure accurate readings or measure the meter's resistance by connecting the two leads together and record the ohm reading in this column.



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3 and 4	open	down (depressed)						
3 and 4	closed	up (extended)						
5 and 7	closed	down (depressed)						
5 and 7	open	up (extended)						
6 and 7	open	down (depressed)						
6 and 7	closed	up (extended)						

*Before performing test, zero multimeter to ensure accurate readings or measure the meter's resistance by connecting the two leads together and record the ohm reading in this column.