

Affected Models: 7T84JHA, 7T84JUA, T90BW
Affected S/N Range: Engine Serial number 7/2018- 7/2020

Affected Parts: 794-00136; 994-00136 Ignition Coil

Date: October 8, 2020

Subject: Cold No Starts or Sticking Choke Interference found

FIX-AS-FAIL

NOTE: These materials are prepared for use by trained technicians who are experienced in the service and repair of equipment of the kind described in this publication, and are not intended for use by untrained or inexperienced individuals. Such individuals should seek the assistance of an authorized service technician or dealer.

NOTE: Always wear eye protection while servicing equipment. Wear hearing protection when appropriate. Always work in a well ventilated area and follow all safety precautions when dealing with combustible materials.

NOTE: Left (LH) and Right (RH) sides are determined from the operator's position and facing in the forward direction.

Purpose: Correcting a sticking Air Vane due to interference with the Ignition Coil wire. A step in the laminate core allows the Air Vane to move directly into the Coil wire. The Ignition Coil must be replaced to correct this interference.

Tech Procedure:

1. Identify a bad Ignition Coil. Remove Ignition coil from Engine. Turn over and inspect the underside. An Ignition coil with a 1.5mm step from the laminate core is a bad coil. See Figure 1.

2. Identify a good Ignition Coil. A good coil will not have a step from the laminate core. See Figure 2.

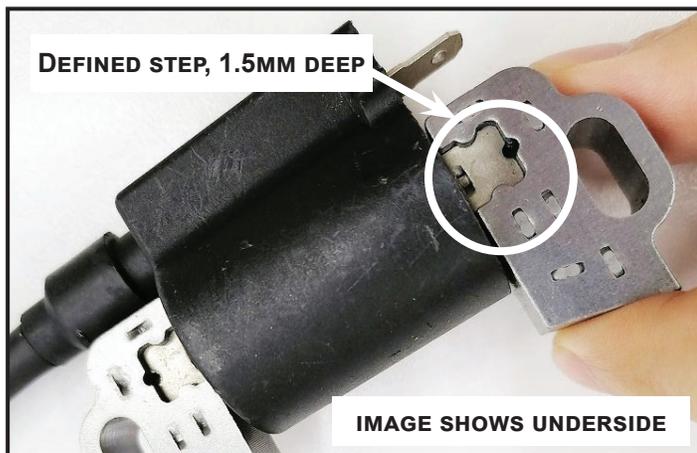


Figure 1

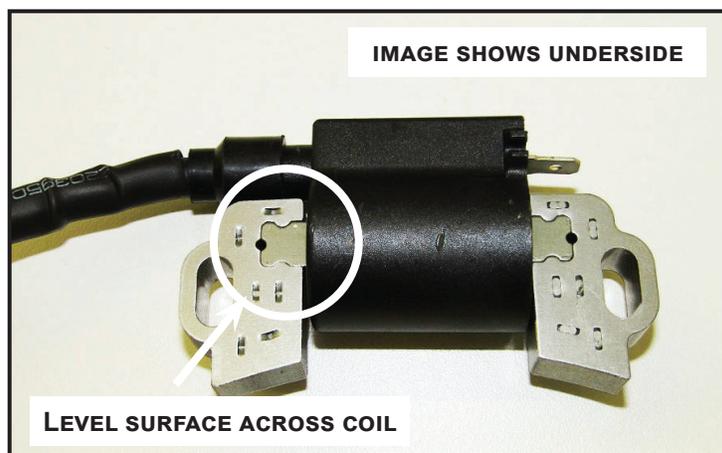


Figure 2

Tech Procedure:

3. When a bad ignition coil is found, it is in need of replacement. Order and install Ignition coil 994-00136.

NOTE: To reinstall new coil: Set air gap of coil at 0.016"-0.024". Tighten the module mounting screws to a torque of 80-106 in-lbs (9-12 Nm).

Warranty: Normal warranty terms apply. Indicate Service Advisory **MTD-272** and **794-00136** as the original failed part on the claim. Repair time allowance is 0.5 hours.

Mandatory>>>>When completing the warranty claim, select the drop down text shown below for the following claim fields:

Group Code: New Service Parts

Fail Code: Rubbing

Work Performed:(Type In) Inspect and Replace Ignition Coil

SERVICE MANAGER	PARTS MANAGER	SALES MANAGER	SERVICE TECH	SERVICE TECH

Circulate and Initial