

LAWN TRACTOR

Troy-Bilt Models Affected: **Super Bronco 46 Hydro** (13AJA1BT066).
Super Bronco 46 XP (13AJA1BN066).
Super Bronco XP 50 FAB (13AJA1BZ066, 13BJA1BZ066).
Super Bronco 54 (13AJA2BW066).

Engines Affected: **8Q78HU** OHV 679cc Engine **8Q78HUB** OHV 679cc Engine
8Q78HUA OHV 679cc Engine **8Q78HUC** OHV 679cc Engine

Serial Number Range Affected: Units Manufactured From October 25, 2018 - July 13, 2020
 (1J258HXXXXX - 1G130HXXXXX).

Date: April 22, 2020 **Revised November 13, 2020 (Please Destroy All Previous Copies).**

Subject: **Battery Current Draw**

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:

We have experienced a battery current draw on the above listed Models in the Affected Serial Number Range. With the key switch in the off position, a substantial current draw is present and will reduce the shelf life of the battery.

ACTION REQUIRED:

1. Check the amount of current draw on the battery. If the current draw is higher than 1mA, Proceed to Step 2.
2. Order from your parts source the **725-07625** Jumper Harness's to repair the Models listed above in the Affected Serial Number Range.
3. Follow the instructions listed below for installation of the **725-07625** jumper harness.

Installation Instructions:

1. Park the tractor on a flat level surface and engage the parking brake.
2. Disconnect the negative battery cable from the negative battery terminal.
3. Locate the 6 pin female engine harness connector and the 6 pin male main harness connector located on the starter side of the engine. See Figure 1.

4. Disconnect the main harness connector from the engine harness connector by squeezing the two locking tabs on the main harness connector as shown in Figure 2, then separate the connectors.

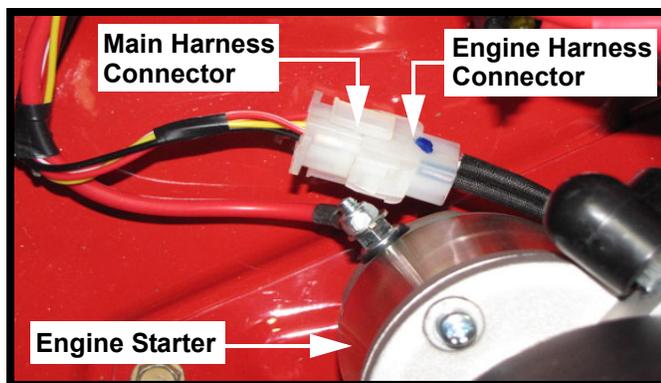


FIGURE 1

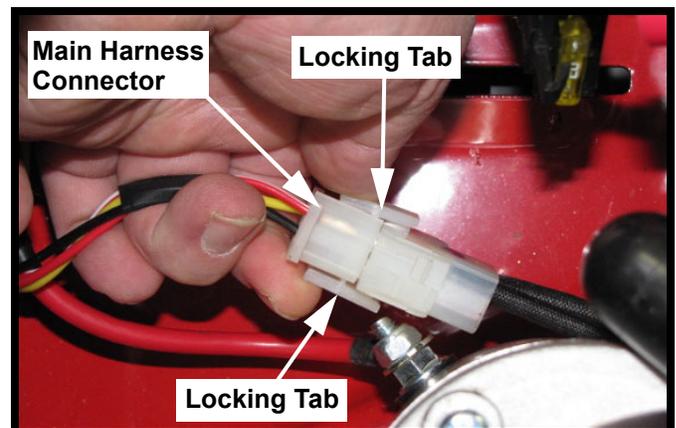


FIGURE 2

5. Connect the male connector with the locking tabs of the **725-07625** jumper harness to the engine harness female connector. See Figure 3.

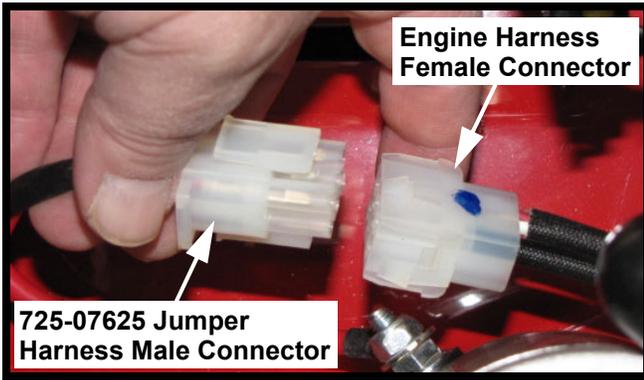


FIGURE 3

6. Push until the locking tabs make an audible “click”. See Figure 4.



FIGURE 4

7. Connect the female connector of the **725-07625** jumper harness to the main harness connector with locking tabs.

8. Push the connectors together until the locking tabs make an audible “click”.

9. When installed the **725-07625** jumper harness should look like Figure 5.

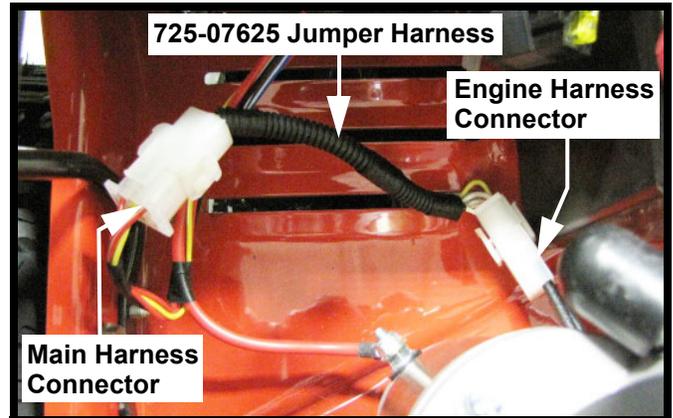


FIGURE 5

10. Connect the negative battery cable to the negative battery terminal.

WARNING! Batteries give off an explosive gas while charging. Charge in a well ventilated area.

11. Make sure the battery is at full charge. Charge the battery at 2 amps for 8 hours or until a specific gravity of 1.265 is reached.

12. Start and test drive the tractor. Confirm that all safety features are functioning properly before returning the tractor back into service.

Warranty: Normal warranty terms apply. Indicate Service Advisory **MTD-261A** and **P/N 925-1707D** as the original failed part on the claim. Repair time allowance is **0.2 Hrs**. List model and serial number of the unit on the claim.

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: Electrical Connections

WORK PERFORMED: (Type In) Installed 725-07625 Jumper Harness

SERVICE MANAGER	PARTS MANAGER	SALES MANAGER	SERVICE TECH.	SERVICE TECH.

Circulate and Initial

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