For Discount White Outdoor Parts Call 606-678-9623 or 606-561-4983

# Supplement Sheet

**Date:** 12/21/2007

**Subject:** 751-10645A Service Replacement Electric Starter

**Models Affected:** N/A

**PURPOSE:** This supplement sheet provides instructions on mounting the electric starter to your MTD Snow Engine.

## Contents

| | | | |
|---|---|---|---|
| 1 | 751-10645A | 1 | MOTOR: STARTER: 120 VAC |
| 2 | 710-04943 | 2 | BOLT: M6 x 1 x 28mm Lg |
| 3 | * | 1 | THIS SUPPLEMENT SHEET |

* - Not Available Separately

**Pre-Service Preparation:**

**NOTE:** ***The electric starter is mounted to the engine block with two (2) metric screws. These screws were installed using a thread lock material. Care must be used when trying to remove the screws so as not to have them break. The instructions below are provided to assist in the screw removal.***

**Starter Removal:**

**NOTE:** *Retain all hardware except where noted.*

1. Place the snow thrower on a firm and level surface, turn off the engine and remove the red plastic ignition key. Allow engine and muffler to cool before proceeding.

2 Using a 8mm socket, extension and ratchet, remove the two (2) screws securing the electric starter motor to the engine block. See Figure 1.

**NOTE:** ***If the screws cannot be loosened relatively easily, do not force. Proceed to Step 3. If the screws removed easily, proceed to Step 6.***

3. **Move the snow thrower outside or to a well ventilated area. DO NOT run the engine indoors or in an enclosed area.**

4. Start the engine and set the throttle to full speed (rabbit position). Allow the engine to run for approximately 10-15 minutes or longer, dependent on ambient temperature, to heat up the engine block.

5. While the engine block is hot, **being careful not to touch the HOT muffler, muffler heat shield or engine block,** remove and discard the two (2) screws securing the electric starter motor to the engine block.

6. Using a #2 phillips screw driver, remove the two screws securing the starter button box to the fuel tank bracket. **Discard the old electric starter and any existing shims (washers) that are between the starter motor case and the engine block.**

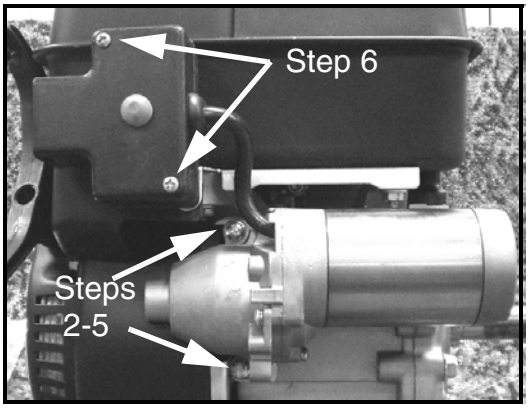


**FIGURE 1**

**New Starter Installation:**

7. Apply Loctite 246 (Blue / High Temperature / Medium Strength) to each of the new starter mounting Screws, Item 2.

8. Position the new starter motor onto the mounting inserts, install the mounting screws and tighten to 53-70 In-Lbs (6-8 Nm). See Figure 2.

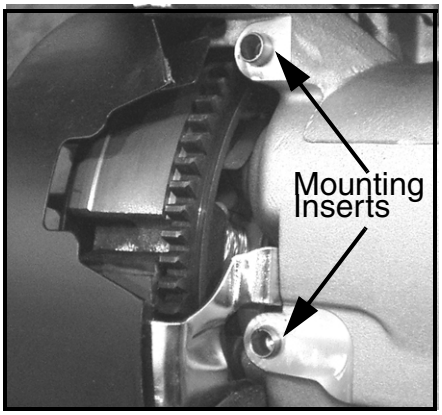


**FIGURE 2**

9. Mount the new starter button box onto the fuel tank bracket using the screws removed in Step 6.

This completes the electric starter installation.



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