

# Service Kit 753-0668

Code: R-379

Date: June 3, 1996

Subject: Installation of afterfire solenoid on  
1996 600 series lawn tractors with  
16 & 16.5 H.P. Tecumseh engines.

## INSTALLATION INSTRUCTIONS:

1. Lift open hood of tractor.
2. Disconnect the battery and spark plug.
3. Remove the left side panel. (Not required on all units).
4. Drain gas from unit or clamp fuel line to close.
5. Remove the threaded plug from the bottom of the carburetor fuel bowl. See figure 1.
6. Remove the sealing washer from the threaded plug and place over the threaded end of the afterfire solenoid.
7. Thread afterfire solenoid into carburetor fuel bowl until snug.
8. Tighten solenoid an additional half turn with a 1/2" wrench.
9. Unplug the wire harness connector from the ignition switch in the dash. Remove the ignition switch from the dash and throw away.
10. Install new ignition switch supplied with this kit into the dash.
11. Plug the female end of the wire harness adapter supplied with this kit, onto the new ignition switch. See figure 2.
12. Push the single wire onto the open terminal of new ignition switch.
13. Connect the male end of the wire harness adapter into the wire harness on the tractor. Make sure the connectors are fully seated.
14. Route red/black wire along existing wire harness (in front of battery tray, moving towards front, left side of tractor). See figure 1.
15. Connect red/black wire to afterfire solenoid.
16. Secure red/black wire to throttle wire and wire harness with the cable ties provided.
17. Add gas to fuel tank or unclamp fuel line.
18. Reconnect battery and spark plug.
19. Start tractor and inspect carburetor fuel bowl for any leakage around afterfire solenoid. Tighten solenoid with a 1/2" wrench if necessary.
20. If removed, reattach side panel.

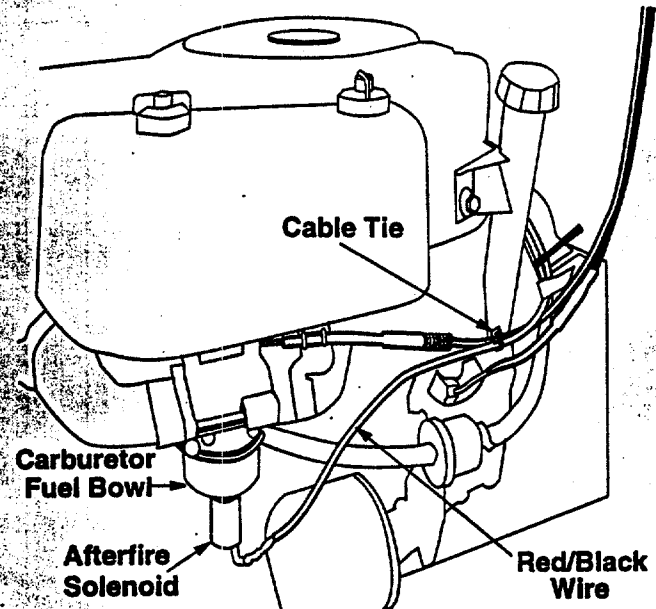


Figure 1.

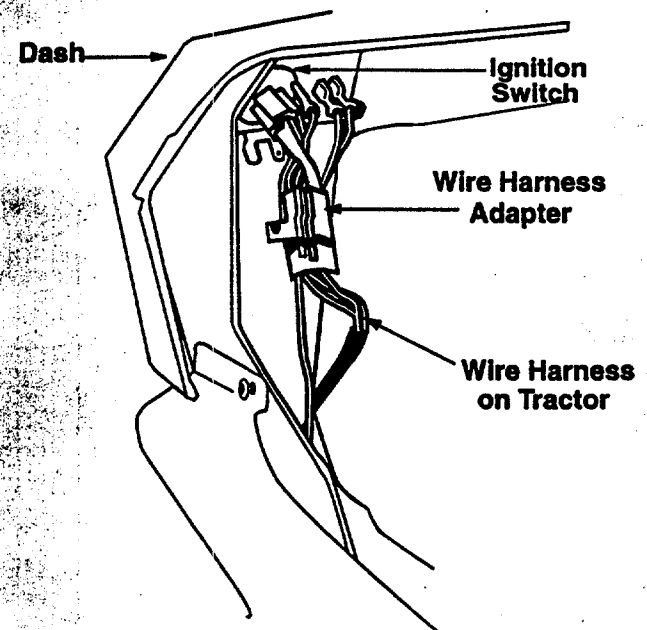


Figure 2.

## Kit 753-0668 Consist of:

| PART NO.   | DESCRIPTION          | QTY. |
|------------|----------------------|------|
| 725-1396   | Ignition Switch      | 1    |
| 726-0197   | Cable Tie            | 3    |
| 7510611204 | Afterfire Solenoid   | 1    |
| 629-0500   | Wire Harness Adapter | 1    |

*our cost is \$6.14*

## INSTRUCTIONS FOR AFTERFIRE SOLENOID ADAPTER

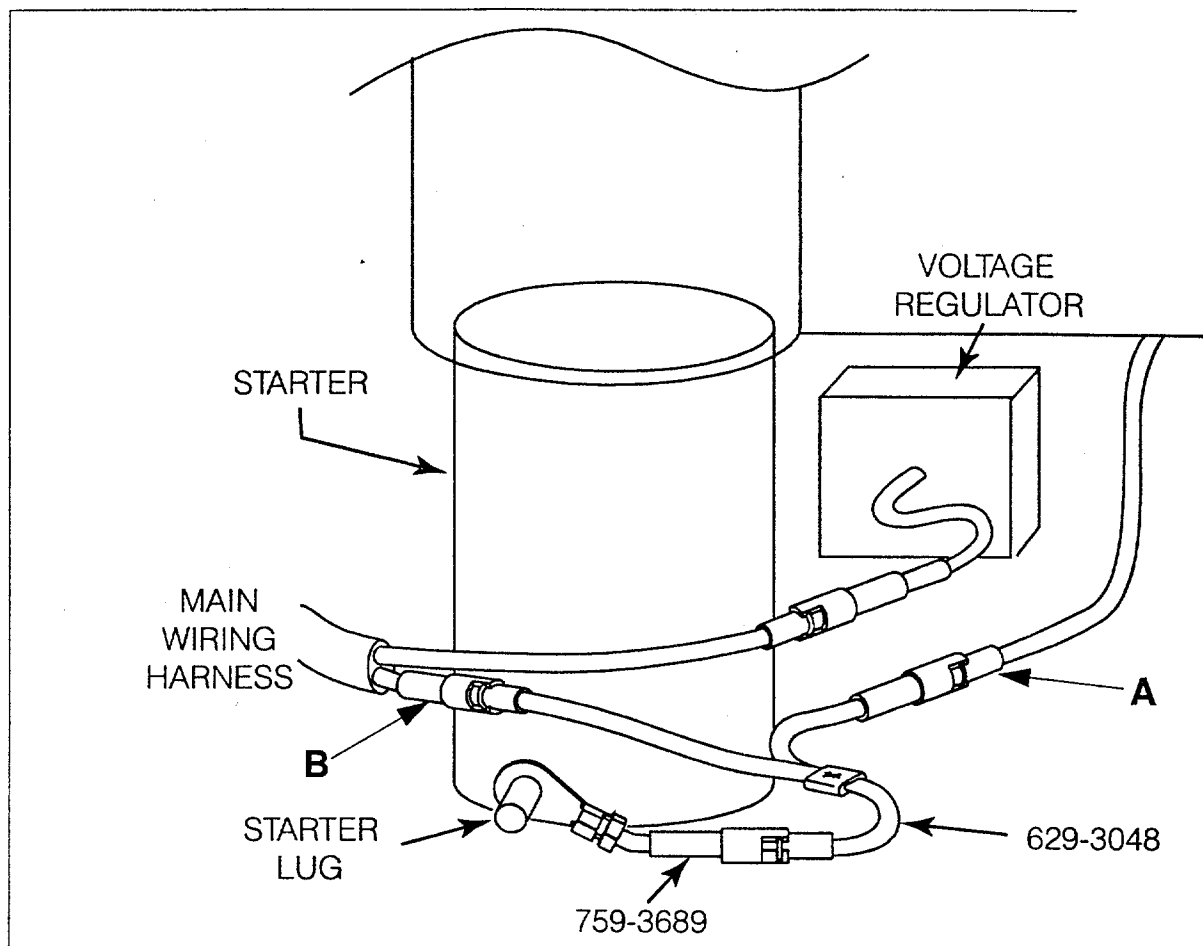


Figure 4

1. Remove (red) wire from starter lug by removing nut.
2. Slip ring terminal of 759-3689 diode assembly over starter lug. See Figure 4.
3. Replace (red) wire earlier removed, and tighten nut.
4. Disconnect wire **A** from wire **B**. See Figure 4.
5. Plug 629-3048 wiring harness adapter into its connections. See Figure 4.

**NOTE:** Ensure that male connectors are mated to female connectors.