

February 1999

### TOPIC: NO POWER TO FUEL SOLENOID

### MODELS

**AFFECTED:** ISZ RIDERS - serial no. 331-426 (with 23hp Kawasaki engine)

Ferris Industries has determined that a limited number of ISZ units are wired improperly. This causes the fuel shut-off solenoid to not have power with the ignition switch in the "START" position.

To rectify this problem, a Fuel Solenoid Wire Assembly (45319) is available through the Parts Department. This must be installed in Ferris' main wire harness.

### Installation Instructions:

1. Disconnect the negative (-) battery cable.
2. Put the cutter deck in its lowest cutting height.
3. Remove the nut that fastens the key switch to the control panel. This will allow the switch and wires to reach out from underneath the control panel. (You may need to cut a wire tie.)
4. Unplug all wires connected to the key switch. (5-terminal connector and single wire)
5. Using a small flat blade screwdriver, remove the gray wire from the 5-terminal connector. To do so, insert the screwdriver blade into the connector and pry up on the locking tab of the wire end. (See illustration below)
6. Cut the existing wire end off of the gray wire, strip the insulation and install one of the insulated female wire ends that came with the new wire assembly.
7. Install the other insulated female wire end on the single post of the key switch where the violet wire was located. This terminal will no longer be used.
8. Install the combination violet-gray adapter wire into the 5-terminal connector. The connector has a small recess to indicate where the locking tab of the wire end should be facing. When installed properly, the wire end will "click" into the connector.
9. Plug the wire ends of the new wire assembly into their corresponding gray and violet wires.
10. Plug the 5-terminal connector back into the key switch and reinstall switch. Tie wires back to wire harness (if necessary).
11. Reconnect the negative (-) battery cable and run machine.

