

SERVICE BULLETIN

SB98.14

Machines/Models: AB46 Bi-Energy

Serial Numbers:
1190-1331

THIS BULLETIN IS A SERVICE ADVISORY TO BE CARRIED OUT AT THE NEXT SERVICE INTERVAL.

DATE: September 29, 1998

PURPOSE: Isolate 12 volt circuit from accidental engagement.

OPERATION REQUIRED: Install Relay, Oil Pressure Switch, and perform wiring modification as instructed below.

PARTS REQUIRED: 12 Volt Circuit Insulation Kit (#030914-000) includes the following:

1. 1 ea. 063900-011 Oil Pressure Switch
2. 1 ea. 068132-001 Relay
3. 1 ea. 029453-099 Orange wire 16 ga. x 6"
4. 1 ea. 029454-099 Red wire 16 ga. x 36"
5. 5 ea. 029616-002 Push Terminal 14 ga.
6. 1 ea. 029620-002 Butt Connector 16 ga.
7. 1 ea. 029601-015 Ring Terminal 16 ga., 3/8" dia. hole
8. 1 ea. 029477-099 Org./Blk. wire 16 ga. x 18"
9. 10 ea. Plastic Ties (small)

REIMBURSEMENT: UpRight will reimburse the owner of record for up to 1 hour of labor at \$30.00 per hour. Reimbursement will be made upon receipt by UpRight of your completed warranty claim form. Please reference SB98.14 on your warranty claim form.

PROCEDURE: Read all instructions thoroughly and refer to figures 1 and 2 before starting.

1. Disconnect ground cable from 12 volt battery.
2. Remove injector line clamp retaining screw (Figure.1), position Relay (#068132-001) on injector line clamp and install retaining screw.
3. Remove original Oil Pressure Switch and discard.
4. Install supplied Oil Pressure Switch (#063900-011).
5. Crimp to each end of supplied Orange wire (#029453-099) Push Terminals (#029616-002).
6. Connect one end of wire to the Oil Pressure Switch, the other end to previously installed Relay, terminal #85.
7. Locate Deutsch connector (connector with 4 wires secured to battery cables).
8. Cut Org./Blk. wire 4 inches from connector.
9. Crimp Push Terminal (#029616-002) on engine side of wire, connect Push Terminal to Relay, terminal #87.
10. Crimp Butt Connector (#29620-002) to previously cut Org./Blk. wire, connector side. Crimp supplied Org./Blk. wire (#029472-099) to Butt Connector, crimp Push Connector (#029616-002) to other end. Connect Push Terminal to Relay, terminal #86.

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If you have any questions regarding this Service Bulletin, please contact the UpRight Product Support Department by telephone at (800) 926-5438 from within the USA or at (209) 891-5200 from outside the USA or by FAX at (209) 896-9244.

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11. Crimp Ring Terminal (#029601-015) to supplied Red Wire (#029454-099). Remove from starter solenoid positive battery cable retaining nut. Install Ring Terminal on solenoid post, reinstall retaining nut.
12. Crimp Push Terminal (#029616-002) to other end of wire. Connect Push Terminal to Relay, terminal #30.
13. Secure wires properly via supplied Plastic Ties.
14. Reconnect ground cable to 12 volt battery.
15. To verify modification has been performed successfully, have the operator attempt to start engine. Verify throttle solenoid pulls in after a momentary delay, (the engine must develop oil pressure before accessory functions will be engaged). If engine does not perform as described above, contact UpRight Technical Support.

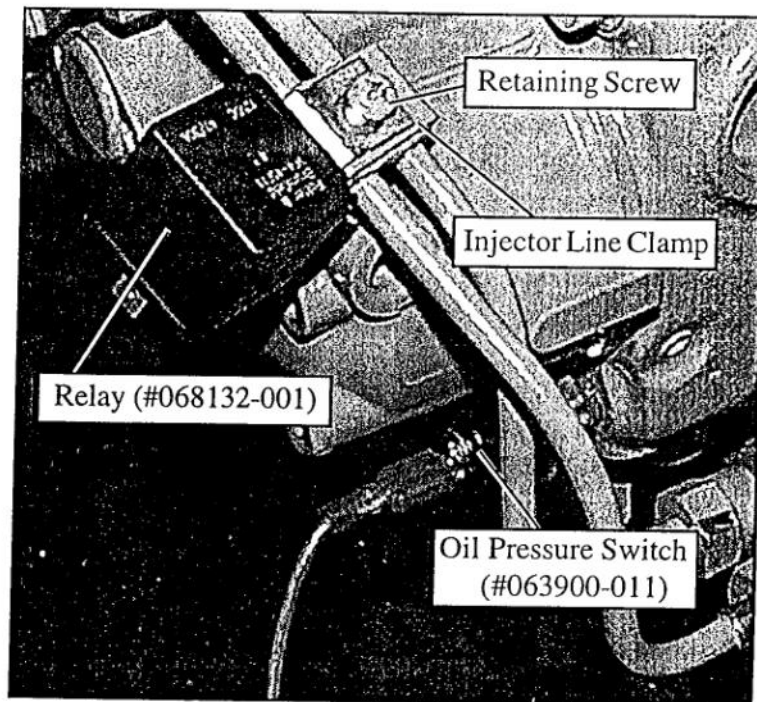


Figure 1

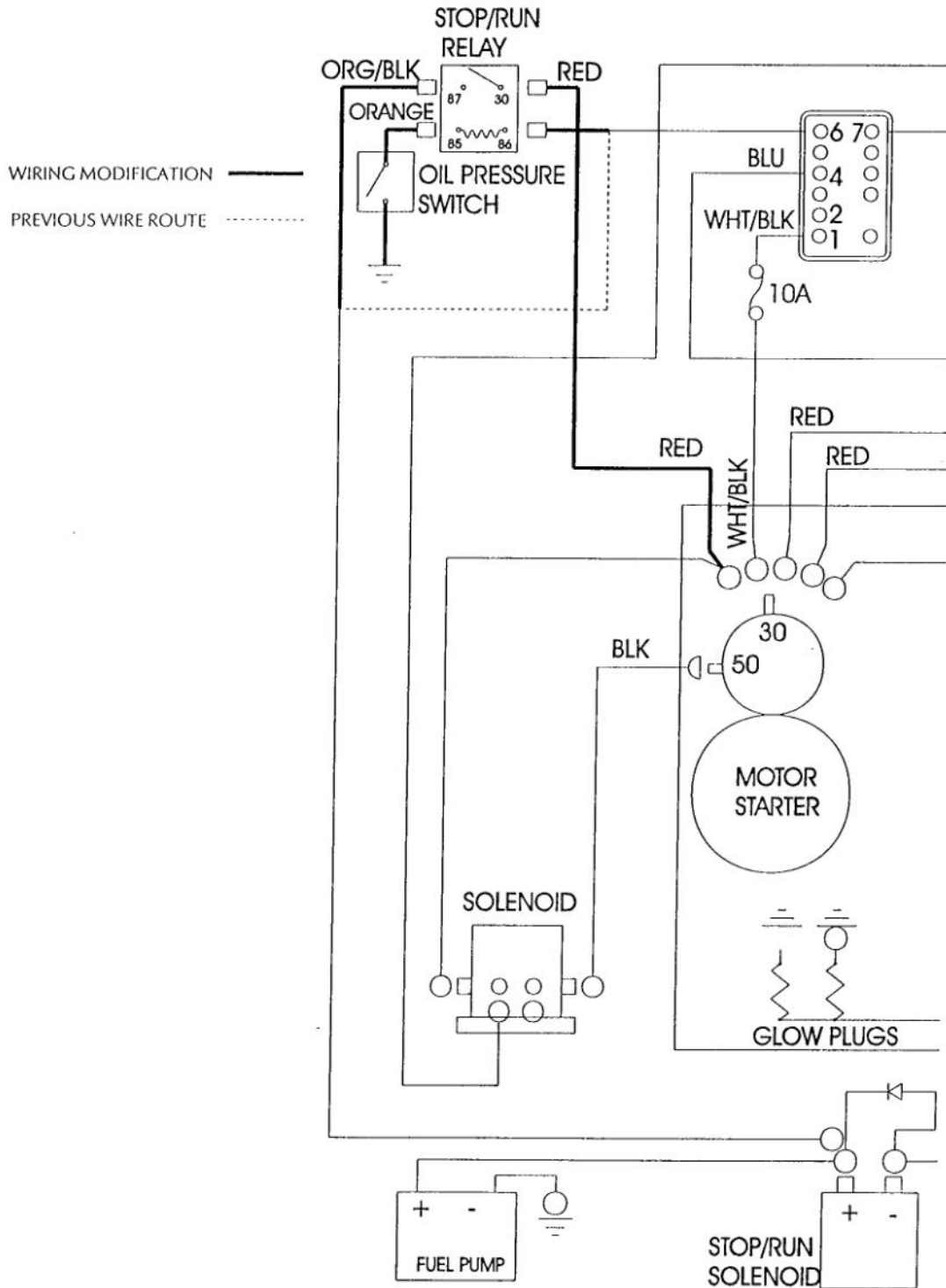
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