

SERVICE BULLETIN SB98.13

Serial Numbers: 8021,8022,8048-8050,
8063-8065,8107-8113,8134-8158,8163-8171,
8200-8204,8227,8228,8270-8279,8281-8286,
8305-8312,8371-8400,8436-8450,8459-8466,
8471-8476,8514-8531,8541,8546,8547,8549,8550

Machines/Models:SL20

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

DATE: September 29, 1998

PURPOSE: To improve brake reliability.

OPERATION REQUIRED: Install relay and additional wiring harness per the following instructions.

PARTS REQUIRED: Kit # 030910-000 includes the following parts:

- | | |
|--|------------------------------------|
| 1. 1 ea. #029620-000 Butt Splice | 4. 2 ea. #011248-047 6/32 Nuts |
| 2. 2 ea. #011715-006 Screws 6/32 x 3/4 | 5. 1 ea. #063951-001 12 Volt Relay |
| 3. 4 ea. #011240-001 #6 Flat Washer | 6. 1 ea. #101229-000 Wire Harness |

REIMBURSEMENT: UpRight will reimburse the owner of record for up to 2 hours of labor at \$35.00 per hour. Reimbursement will be made upon receipt by UpRight of your completed warranty claim form. Please reference SB98.13 on your warranty claim form.

PROCEDURE: Read all instructions thoroughly and refer to figure 1 through 3 before starting. Platform must be in stowed position on a firm level surface.

1. Disconnect the negative lead to the battery.
2. As shown in figure 1, drill two 9/64" (4mm) holes and mount Relay (#063951-001) to control tray using supplied attaching hardware (#011715-006 - 6/32 Screw, 2 ea.) (#011248-047 - 6/32 nut, 2ea) and (# 011240-001 - flat washers, 4 ea).
3. Gain access to the wiring by cutting the tie wraps on the loom at the control tray and sliding back the protective covering.
4. Remove the orange/black and orange/white wires from the forward/reverse valve coil (see figures 2 and 3).
5. Connect the new Harness (#101229-000) orange/black wire to the top terminal of the forward/reverse valve coil (see figures 2 and 3).
6. Connect the new Harness (#101229-000) orange/white wire to the third terminal down on the forward/reverse valve coil (see figures 2 and 3).
7. Connect the orange/white wire that was originally removed from the forward/reverse coil to the push in connection of the new Harness (#101229-000) with orange/white and orange junction push terminal (see figure 3).
8. Connect the orange/black wire that was originally removed from the forward/reverse coil to the push in connection of the new Harness (#101229-000) with orange/black and orange junction push terminal (see figure 3).
9. Remove the blue/black or gray wire from the proportional valve coil (see figures 2 and 3).

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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 outside the USA or by FAX at (209) 896-9244.

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10. Connect the blue/black or gray wire to the brown wire supplied in the new harness (part # 101229-000) using the supplied butt splice (part # 029620-003) (see figures 3).
11. Connect the new wire harness (part # 101229-000) black/red wire to the top terminal of the proportional valve coil (see figures 2 and 3).
12. In the original harness, locate the blue two-conductor cable that connects the manifold harness to the mercury switch (see figure 3).
13. Find the existing splice between the white wire in the blue two-conductor cable and the green/white wire in the manifold harness and remove the splice (see figure 3).
14. Connect the white wire from the mercury switch to one of the green/white wires supplied in the new harness (part # 101229-000) (see figure 3).
15. Connect the green/white wire from the existing harness to the other green/ white wire in the new harness (part # 101229-000) (see figure 3).
16. For Toggle Switch machines splice the red/white wire into the existing harness red/ white wire in a "Y" fashion (see figure 3).
17. For Joystick machines connect the red/white wire in the supplied harness (part # 101229-000) to the red/white wire coming from the manifold harness (see figure 3).
18. Connect the orange wire from the supplied harness (part # 101229-000) to terminal "B" of the relay mounted in step 1(see figure 3).
19. Connect the brown wire from the supplied harness (part # 101229-000) to terminal "6" of the relay mounted in step 1(see figure 3).
20. Connect the black/red wire from the supplied harness (part # 101229-000) to terminal "4" of the relay mounted in step 1(see figure 3).
21. Connect the red/white wire from the supplied harness (part # 101229-000) to terminal "A" of the relay mounted in step 1(see figure 3).
22. Stow all wiring back into its protective loom cover and secure it closed using the supplied tie wraps.
23. Reconnect the battery and perform a full functional check of the machine to assure all wiring terminations are made properly and machine functions normally.

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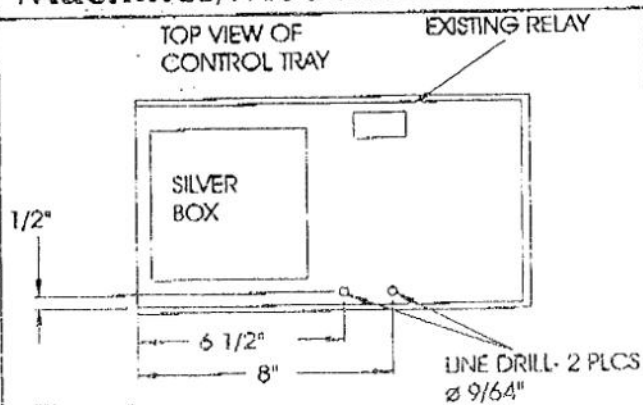


Figure 1

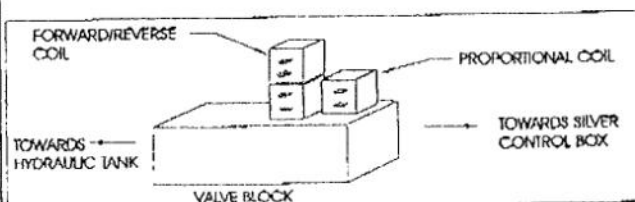


Figure 2

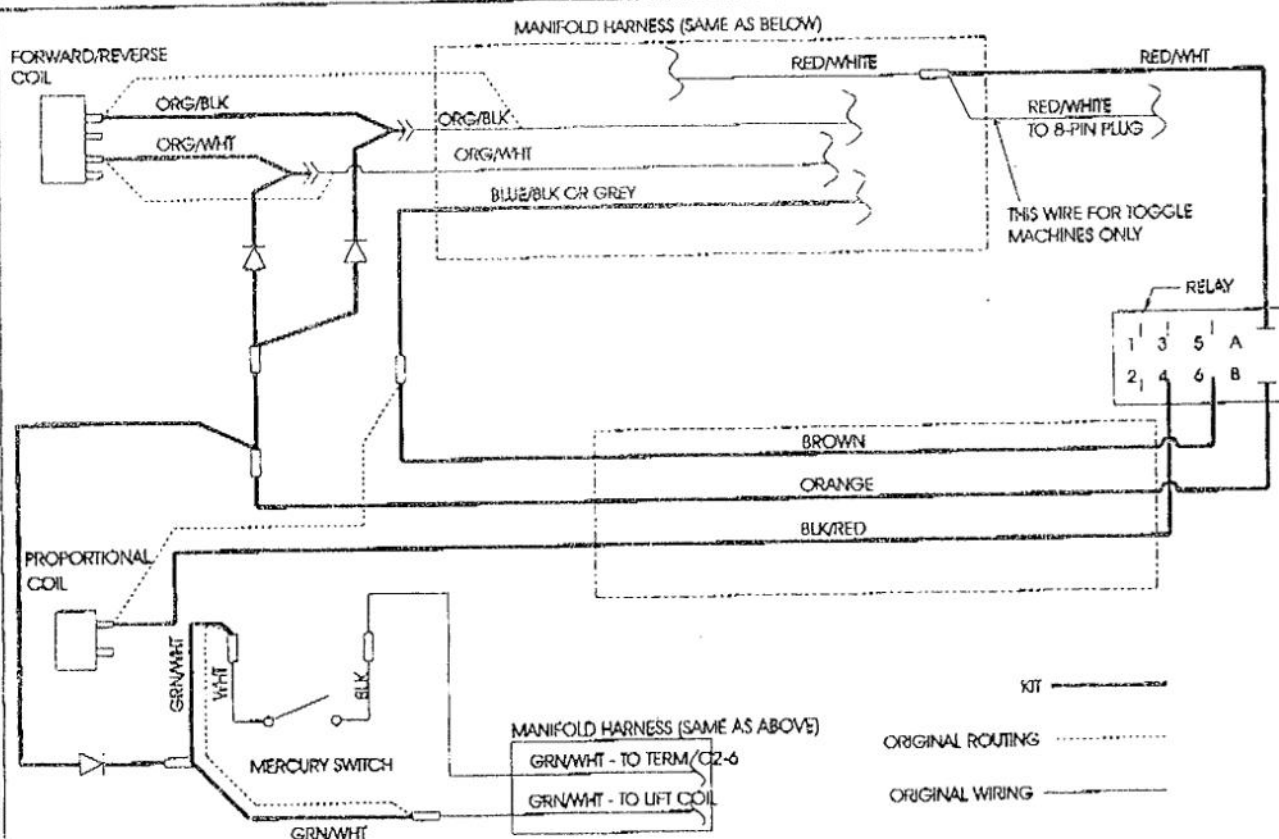


Figure 3

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