

SERVICE BULLETIN SB98.15

Serial Numbers: 8000-8466,8471-8476,8479,
8482-8531,8541,8546,8547,8549,8554-8556,
8558-8560,8565,8566,8569,8571,8572

Machines/Models:SL20

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

DATE: October 1, 1998

PURPOSE: Increase drive and lift speed.

OPERATION REQUIRED: Install new Orifice, Spring, and Proportional Valve Cartridge.

PARTS REQUIRED: Kit # 030912-000 includes the following parts:

1. 1 ea. #015919 Orifice
2. 1 ea. #013987-010 Spring
3. 1 ea. #101120-012 Proportional Valve Cartridge

REIMBURSEMENT: UpRight will reimburse the owner of record for 1 hour of labor at \$35.00 per hour. Reimbursement will be made upon receipt by UpRight of your completed warranty claim form. Please reference SB98.15 on your warranty claim form.

PROCEDURE: Read all instructions thoroughly and refer to figure 1, Detail "A" and "B", before starting. Platform must be in stowed position on a firm level surface.

1. Disconnect the negative lead to the battery.
2. Remove and discard the existing Lift Orifice as follows. See figure 1, detail "A".
 - a) Loosen Jam Nut on Emergency Lowering Cable.
 - b) Unthread Emergency Lowering Cable from Cartridge Valve.
 - c) Remove the three bolts securing the Cable Bracket and Emergency Lowering Cable, remove the Cable and Bracket assembly from the Lift Cylinder.
 - d) Remove the Coil and Cartridge Valve from the Cylinder.
 - e) Remove and discard the old Orifice from the Cylinder Cartridge port.
 - f) Reinstall and torque the Cartridge Valve to 25 ft/lbs (34 Nm).
 - g) Reinstall Coil and Coil Nut to their original position. Torque Coil Nut to 30 in/lbs (3Nm).
3. Install new Lift Orifice as follows. See figure 1, detail "A".
 - a) Disconnect the hydraulic line from the Lift Cylinder.
 - b) Remove the fitting from the cylinder port.
 - c) Install the supplied Spring (#013987-010) into the cylinder port.
 - d) Install the supplied Orifice (#015919-000) with slotted surface toward Spring into the cylinder port.
 - e) Reinstall fitting and torque to 25 ft/lbs (34 to 41 Nm).
 - f) Reconnect the hydraulic line to the Lift Cylinder and torque to 36-39 ft/lbs (49-53 Nm)
 - g) Reinstall the Cable Bracket and Emergency Lowering Cable back into their original position.
 - h) Thread Emergency Lowering Cable into Cartridge Valve and secure Jam Nut.

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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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4. Install Proportional Valve Cartridge as follows. See figure 1, Detail "B".
 - a) Remove Coil Nut and Coil from Valve Block.
 - b) Remove Proportional Valve Cartridge from Valve Block and discard.
 - c) Install supplied Proportional Valve Cartridge (#101120-012) into Valve Block assembly.
 - d) Torque Proportional Valve to 25 ft/lbs (34 Nm).
 - e) Reinstall Coil and Coil Nut, torque Coil Nut to 30 in/lbs (3Nm).
 - f) Reconnect the negative lead to the battery.
 - g) Perform functional check of machine. Unit should now lift to full extension in 18 to 20 seconds.
 - h) Stowed travel speed, 20 feet in 6.8 to 7.5 seconds.

