THIS SERVICE BULLETIN IS MANDATORY!

Series/Parts Affected:

All Units

SERVICE INFORMATION

MANDATORY UPDATE: FAILURE TO FOLLOW INSTRUCTIONS MAY LEAD TO INJURY OR DEATH AND CAUSE SEVERE UNIT DAMAGE!

Problem 1:

- Hydraulic brake pressure for both front and rear drive motors may not be adequate in severe angles. To maintain proper hydraulic brake pressure, new check valves must be installed.

- This condition may cause the drive motor brake to disengage and may lead to injury or death and severe unit damage!

Solution: Install new check valves.

Problem 2:

- Hydraulic steering relief pressure may be set incorrectly.

- This condition may produce an increased load on the engine.

Solution: Reset steering pressure.

PARTS INFORMATION

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<td>3-48174</td>
<td>Check Valve</td>
<td>Problem 1</td>
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INSTRUCTIONS

WORK SAFELY!
This procedure should be performed only by a qualified service technician following safe and approved workshop techniques.

Required Tools
- 24 mm Wrench
- 6 mm Allen Wrench

Safety Procedures
Perform the following before attempting installation:
1. Following all safety shop rules and regulations when performing this installation.
2. Place the machine on level secure ground that is free of dirt and debris.

Check Valve Installation Procedure
1. Remove ignition key.

2. Lock emergency stop bumper (Figure 2).

3. Lock the articulation joint (Figure 3).

4. Place chock blocks (Figure 4) underneath each drum to prevent rolling.

5. Reference Figure 5 for hose and fitting locations.

Figure 1. Ignition Key Removal

Figure 2. Locking Emergency Stop Bumper

Figure 3. Locking Articulation Joint

Figure 4. Chock Block Placement

Figure 5. Hose/Fitting Locations
6. At rear stop bumper side of roller, remove hose A as shown in Figure 6.

7. Remove fitting as shown in Figure 7. Removal of this fitting will provide easier access when removing hose B and its associated fitting. Place this fitting in a safe place where it will not get lost. It will be used later.

8. Remove hose B as shown in Figure 7.

9. Remove existing fitting (P/N 57502) as shown in Figure 8. Discard fitting as it will no longer be used.

10. Install new fitting P/N 3-48174 into port B as shown in Figure 10.
11. Reinstall hose B as shown in Figure 11.

12. Reinstall fitting removed in step 7 into port A as shown in Figure 12.

13. Reinstall hose A as shown in Figure 13.

14. Using same installation procedure, install second check valve at port B, engine end of roller. Remove hose A (engine side) as referenced in Figure 14 to make installation easier.
Hydraulic Steering Pressure Calibration Procedure

1. Lift hood compartment at emergency stop bumper end of machine.
2. Locate manifold valve block (Figure 15).
3. At manifold valve block, remove black plastic cap covering hydraulic steering pressure adjustment screw.
4. Using a 24 mm wrench, loosen jam nut.
5. Insert 6 mm allen-wrench into hydraulic steering pressure adjustment screw.
6. Rotate adjustment screw counter-clockwise 1-1/2 turn.
7. Remove allen-wrench, and tighten jam nut.
8. Re-install black plastic cap.

Figure 15. Hydraulic Steering Adjustment
If you have any questions regarding either of the procedures described above, contact the Multiquip technical support department at 800-478-1244 for assistance!

**WARRANTY INFORMATION**

**Campaign: Reference No. 20091204**
Multiquip will reimburse up to .75 hours of labor per machine for this repair.

Contact the Multiquip warranty department for claim number and warranty form.

**Multiquip Warranty Department**
800-421-1244
Chris Fairchild – Extension 1279
Wendy Sanchez - Extension 1322