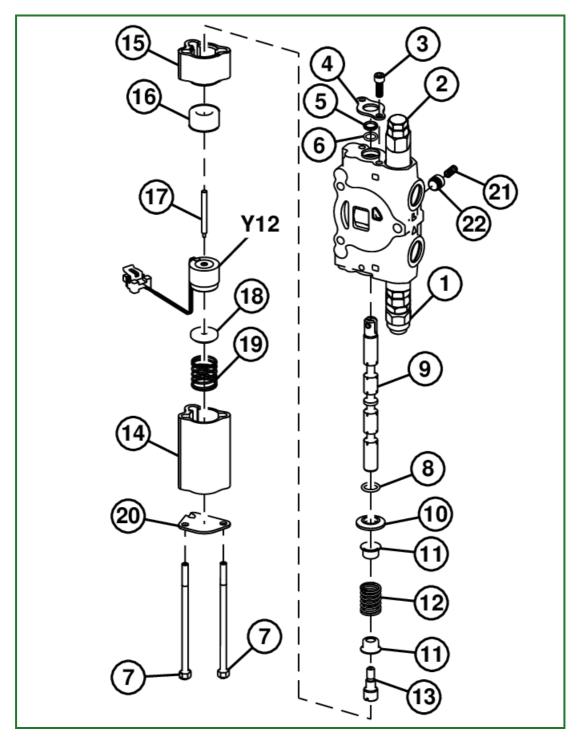
1.



## TX1118777-UN: Bucket Section Disassembly

## **LEGEND**:

- 1 Relief Valve
- 2 Relief Valve With Anticavitation
- 3 Cap Screw (2 used)
- 4 Plate
- 5 Wiper
- 6 O-Ring
- 7 Cap Screw (2 used)
- 8 O-Ring
- 9 Spool
- 10 Washer
- 11 Spring Seat (2 used)
- 12 Spring
- 13 Cap Screw

- 14 Detent Body
- 15 Spacer
- 16 Spacer
- 17 Poppet
- 18 Washer
- 19 Spring
- 20 Detent Body End Cap
- 21 Spring
- 22 Poppet
- Y12 Return-to-Dig Solenoid

Remove relief valve (1). Repair or replace as necessary. See Relief Valve Disassemble and Assemble . (Group 2162.)

- 2. Remove relief valve with anticavitation (2). Repair or replace as necessary. See Relief Valve with Anticavitation Disassemble and Assemble . (Group 2162.)
- 3. Remove cap screws (3), plate (4), wiper (5), and O-ring (6).
- 4. Remove cap screws (7).
- 5. Remove parts (8—20 and Y12) as an assembly.
- 6. Remove O-ring (8) from spool (9).
- 7. Remove spool, washer (10), spring seats (11), spring (12) and cap screw (13) as an assembly from detent body (14).
- 8. Using a protective cover or wood blocks, secure spool in vice.
- 9. Remove cap screw (13) from spool to free washer (10), spring seats, and spring (12).
- 10. Remove spacers (15 and 16), poppet (17), washer (18), spring (19), detent body end cap (20), and return-to-dig solenoid (Y12) from detent body.
- 11. Remove spring (21) and poppet (22).
- 12. *NOTE:*

Detent assembly (10—20 and Y12) is serviced as a complete assembly. Only O-rings (6 and 8) and wiper are serviceable.

Inspect parts and replace as necessary.

- 13. Install spring (21) and poppet (22).
- 14. Prepare threads of spool and cap screw (13) with PM37509 Loctite Klean 'N Prime.
- 15. Apply PM37421 Loctite Thread Lock and Sealer (high strength) to threads of cap screw (13).
- 16. Assemble spool, washer (10), spring seats, spring (12), and cap screw (13). Tighten cap screw to specification.