

c. Inspection. Inspect all parts for damage or excessive wear, and replace as necessary.

d. Reassembly. Use new o-rings. Reassemble the drive motor by reversing disassembly procedures, and performing the following additional procedures.

(1) Torque the capscrews (11) to 175 ± 25 inch pounds.

(2) Torque the capscrews (1) to 250 ± 25 inch pounds.

3-15. WATER INJECTION RELIEF VALVE (Figure 3-21).

a. Disassembly

(1) Disconnect the hose assembly from the valve body (14).

(2) Remove the pin (2), knob (3), and locknut (4).

(3) Remove the screws (1), cover (6), screw and pad assembly (5), and diaphragm (7).

(4) Remove the guide (8), spring (9), plunger (10), valve (13), and retainer (11) from the valve body (14).

b. Cleaning. Clean all metal parts in an approved solvent.

c. Inspection. Inspect all parts for serviceable condition. Check to be sure the diaphragm has not been ruptured.

d. Reassembly. Reassemble the relief valve by reversing disassembly procedures.

3-16. WATER INJECTION SYSTEM CONTROL VALVE (Figure 3-22).

a. Disassembly

(1) Remove plug (1), plug assembly (2), plug (3), plug assembly (4), spring (5), and poppet (6).

(2) Remove plug assembly (7), spool (8), spring (9), and dowel pin (10).

(3) Remove screws (11), cap (12), screw (13), washer (14), collar (15), washer (16), spacer (17), washer (18), and seal (19).

(4) Remove relief assembly (20).

(5) Remove flow divider assembly (22).

(6) Remove pin kit (23), handle (29), screws (24), bracket (25), washer (26), seal (27), and spool (28) from housing (30).