

PROBABLE CAUSE:

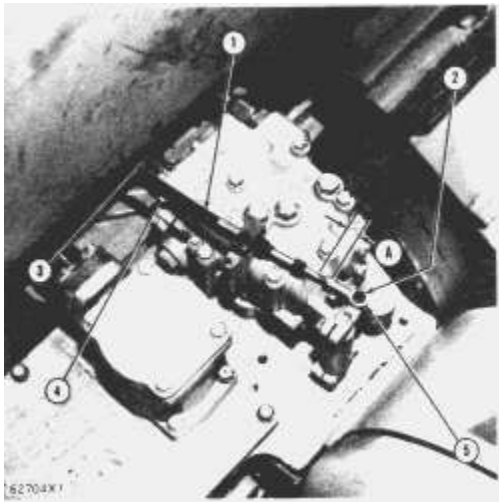
1. Spools (7) or (11) do not move.
2. Spring assembly (5) and spring (6) do not let load piston (4) have full travel or the spring rate is not correct.

Adjustment Of Winch Control Linkage

NOTICE

Do not make an adjustment to the linkage with the engine running.

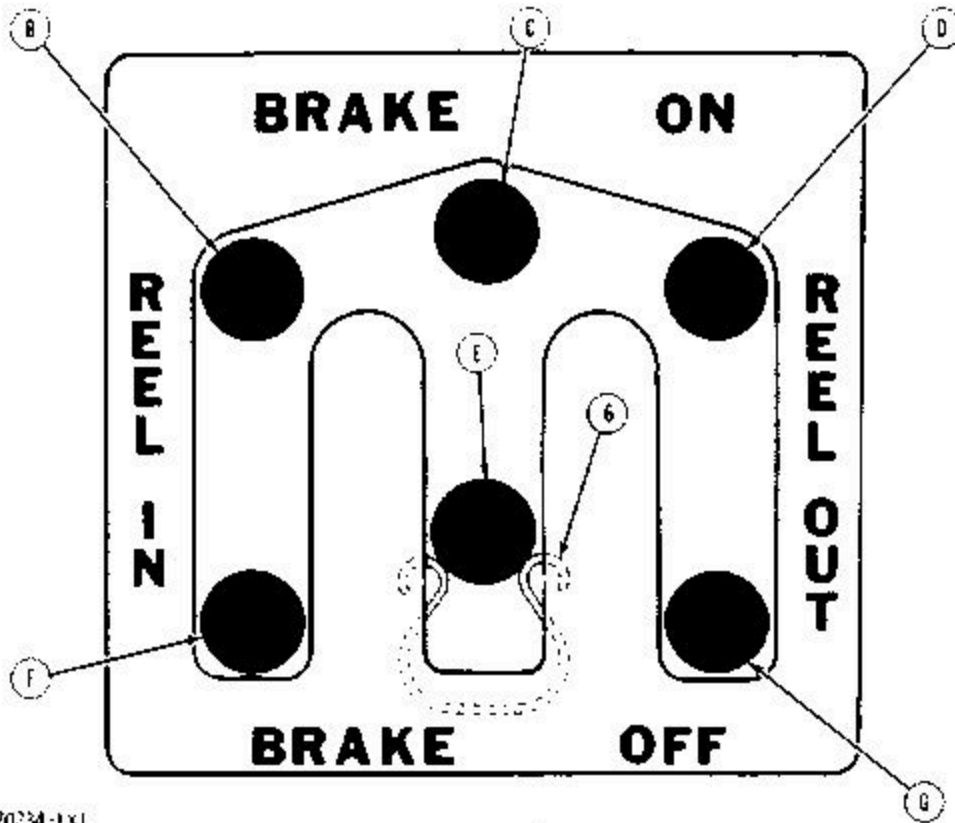
NOTE: To check for correct adjustment of control linkage, go to Step 12.



HYDRAULIC CONTROL VALVE (TYPICAL EXAMPLE)

1. Cable. 2. Bolt. 3. Cable. 4. Bolt. 5. Rod end. A. Distance between the rod end and the end of the threads on the cable is .50 in. (12.7 mm).

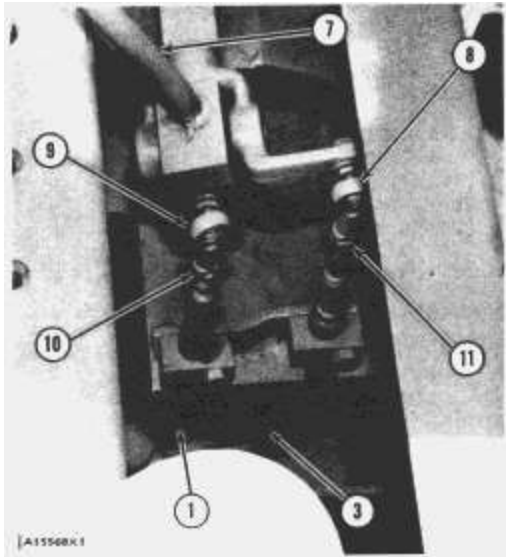
1. Remove bolt (2) and the nut.
2. Make an adjustment to cable (1) so that distance (A) between the rod end and the end of the threads on cable (1) is .50 in. (12.7 mm).
3. Put rod end (5) in position on the lever and install bolt (2) and the nut.
4. Tighten the nut against rod end (5) to a torque of 30 ± 5 lb. in. (3.4 ± 0.6 N·m).
5. Put control lever (7) in position (C).
6. Loosen nut (10) and disconnect rod end (9) from the control lever. Make an adjustment to rod end (9) until dimensions (H) and (I) are the same when the control lever is in position (C).
7. Install rod end (9) on the control lever. Tighten nut (10) against the rod end to a torque of 30 ± 5 lb. in. (3.4 ± 0.6 N·m).



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ILLUSTRATION OF CONTROL PANEL

6. Spring clip. B, C, D, E, F and G. Positions of the control valve.



CONTROL LINKAGE (TYPICAL EXAMPLE)

1. Cable. 3. Cable. 7. Control lever. 8. Rod end. 9. Rod end. 10. Nut. 11. Nut.

8. Loosen nut (11). Move the control lever to position (E). Install a 0 to 600 psi (0 to 4150 kPa) pressure gauge in the pressure tap for the brake. Start the tractor engine. Make an adjustment to cable (3) until the pressure at the brake tap is 185 ± 5 psi (1270 ± 35 kPa). Move the control lever into spring clip (6). If the control lever is not held by the spring clip, make an adjustment to cable (3) until the control lever is held. At this time the pressure must not be less than 160 psi (1100 kPa).

9. Tighten nut (11) against rod end (8) to a torque of 30 ± 5 lb. in. (3.4 ± 0.6 N·m).