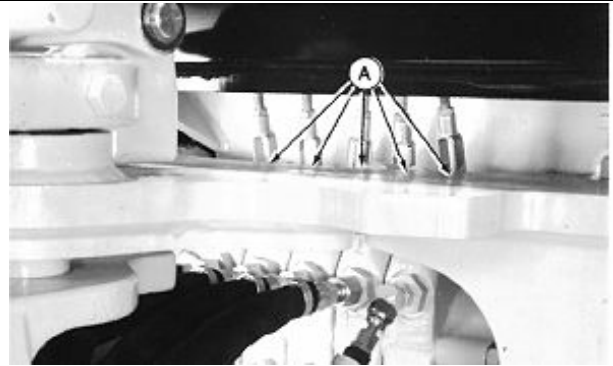


Remove And Install Backhoe Control Valve Linkage

1. Put backhoe in transport position. Stop engine and operate hydraulic valves to release pressure in system.
2. Disconnect linkages (A) at valve spools.



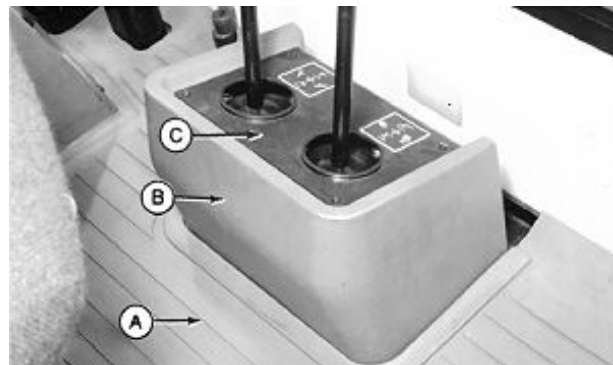
T7536AB —UN—16MAY91

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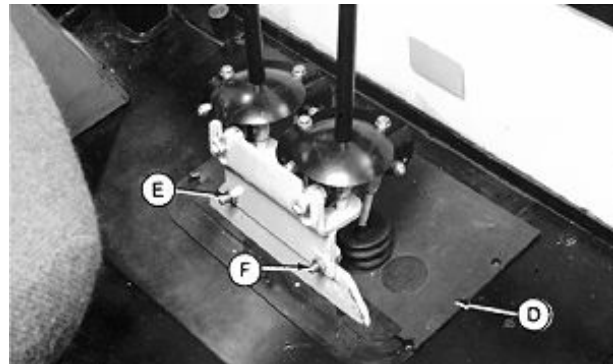
3. Remove floor mat (A), backhoe lever console (B) and console cover (C).
4. Remove cap screws from plate (D) or remove rubber sheet (D) from fasteners. Remove cap screw and nut (E). Loosen cap screw and nut (F). Remove lever assembly.
5. Install lever assembly on bracket. Slide loosened cap screw and nut (F) into slot in bracket. Install cap screw and nut (E) and tighten both (E and F). Install cap screws into plate (D) or fasten rubber sheet to fasteners.
6. Connect linkage to valve spools. Adjust linkage. (See procedure in this group.)

A—Floor Mat
B—Backhoe Lever Console
C—Console Cover

D—Plate or Rubber Sheet
E—Nut
F—Nut



T7520BG —UN—02MAY91



T7536AC —UN—16MAY91

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Backhoe Valve Linkage Adjustment

NOTE: Levers must be positioned correctly to allow full travel and proper operation of backhoe valves. Cab and other components have been removed in some photographs for clarity.

1. Put backhoe valve spools in neutral position.
2. Measure rods (A) from center of clevis pin hole to center of ball joint.

Specification

Rods—300D, 310D (S.N. —801199)—Length..... 292 mm (11.4 in.)
 Rods—300D, 310D (S.N. 802200—)—Length..... 338 mm (13.3 in.)
 Rods—315D—Length..... 193 mm (7.6 in.)

3. On machines with extendable dipperstick, auxiliary valve linkage adjustment is also required. Measure rod from center of clevis pin hole to center of ball joint.

Specification

Rods—300D, 310D, (S.N. —802199)—Length..... 208 mm (8.2 in.)



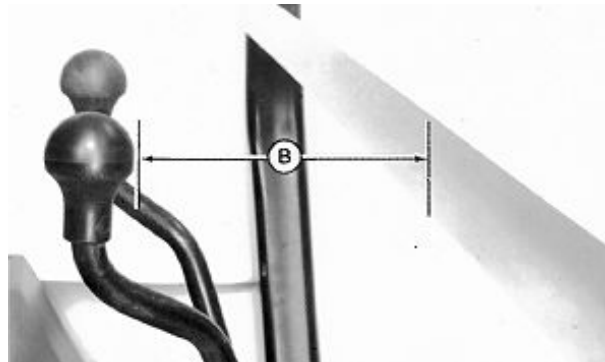
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Rods—300D, 310D, (S.N. 802200—)—Length..... 248 mm (9.75 in.)
 Rods—315D—Length..... 105 mm (4.1 in.)

4. Put a piece of masking tape across the rear ROPS posts on inside surface at backhoe lever knob height.

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5. Measure from edge of knobs to tape. Distance (B) should be 140 mm (5.5 in.). Knobs should be 250 mm (10.25 in.) apart.



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