

Installation

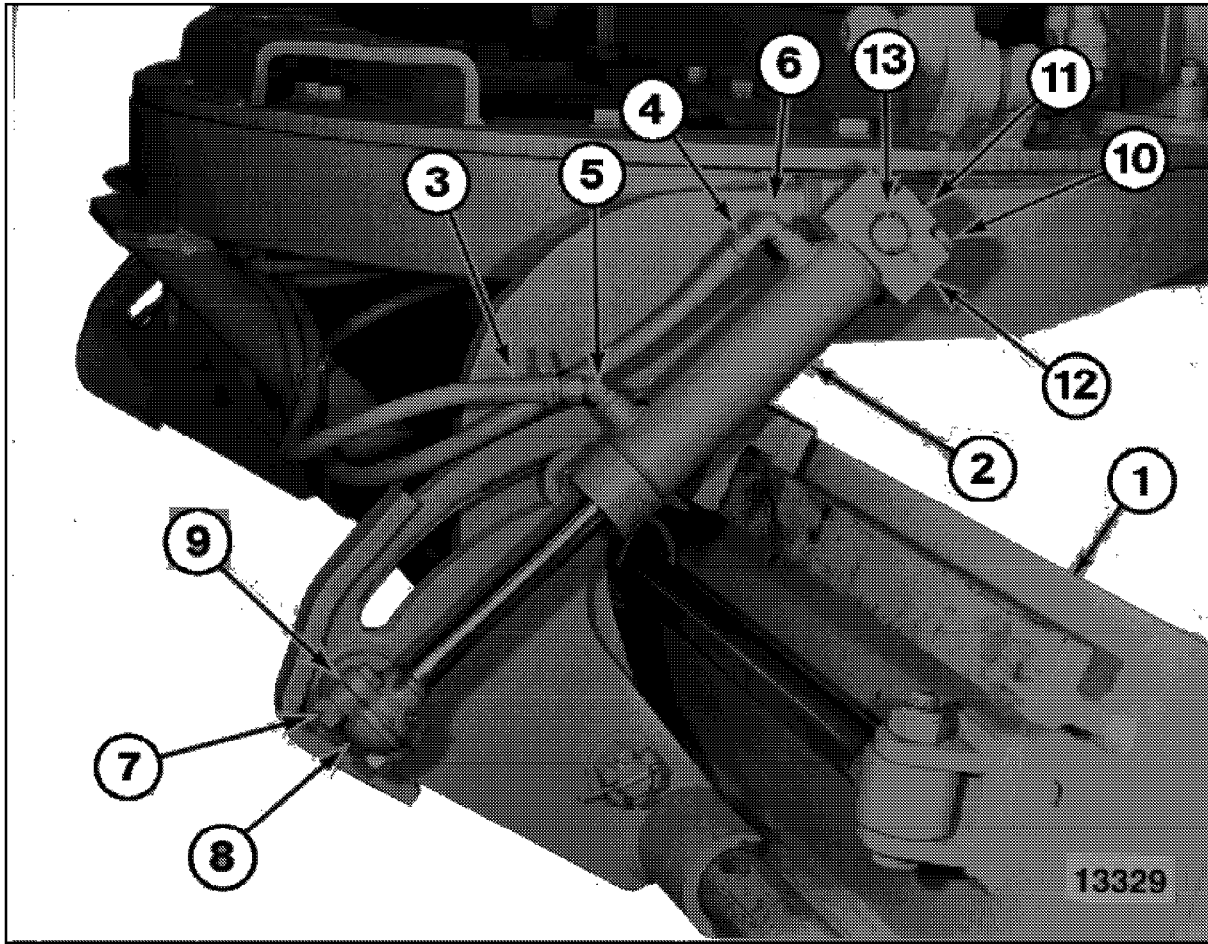


Figure 19

1. Coat ball studs (13, Figure 19) with grease.
2. Position base end of cylinder (2) against ball stud. Secure cylinder in place by installing shims (12), ball cap (11) and two lock washers and bolts (10).

NOTE: See "Ball and Socket Shimming Adjustment" section of this manual.

3. Position rod end of cylinder (2) against ball stud. Secure cylinder in place by installing shims (9), ball cap (8) and two bolts, lock washers and hex nuts (7).
4. Unplug hoses (3 and 4) and cylinder ports. Install elbows (5 and 6) in cylinder (2) as noted at disassembly. Connect hoses to elbows as tagged.
5. Remove blocking from under moldboard (1).

MOLDBOARD SIDE SHIFT CYLINDER

Removal

1. Fully extend moldboard side shift cylinder, if possible. Rest moldboard (1, Figure 20) solidly on blocking.

NOTE: If the cylinder cannot be extended, disconnect rod end of cylinder and manually push moldboard to the right, after the hoses have been disconnected. Then, rest moldboard on blocking.

2. Remove self-locking nut and bolt (2) from moldboard (2) and rod end (3).
3. After disconnecting rod end (3) of cylinder from moldboard (1), retract it, leaving approximately 18 " (457 mm) extended.

NOTE: If the cylinder cannot be retracted hydraulically, then it must be retracted manually after the hoses are disconnected.

4. Disconnect hoses (1, Figure 21) from fitting (2). Remove fitting from rod end cylinder port (3). Plug hose and cylinder port.

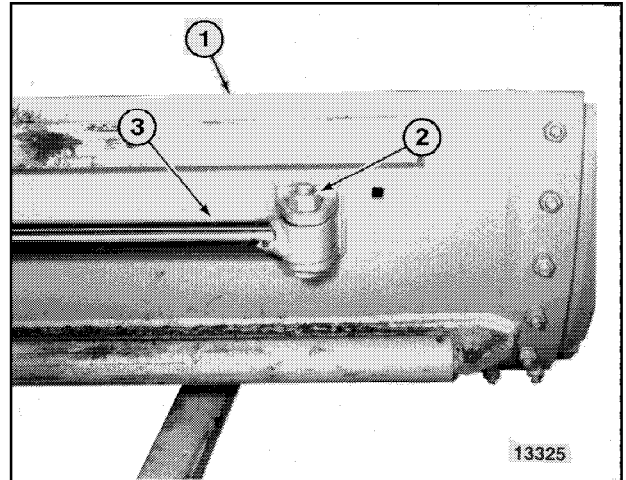


Figure 20

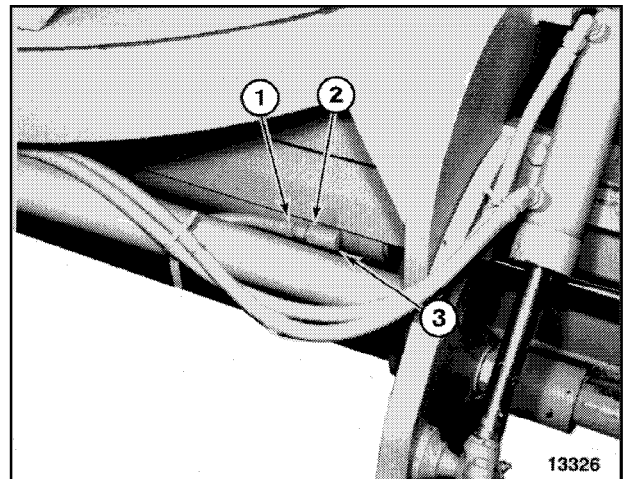


Figure 21