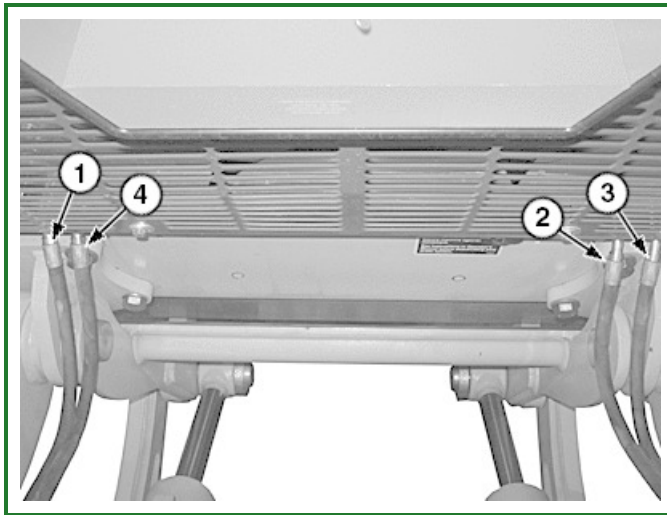


Ripper Cylinders Remove and Install

1. Park and prepare machine for service. [See Park and Prepare for Service Safely](#) .
2. Shut machine off and operate ripper control lever to relieve hydraulic pressure.
3. Turn battery disconnect switch to the OFF position. [See Battery Disconnect Switch](#) . (Operator's Manual.)

4. **⚠ CAUTION:**

To avoid injury from escaping fluid under pressure, stop engine and relieve the pressure in the system before disconnecting or connecting hydraulic or other lines. Tighten all connections before applying pressure.



TX1087721A-UN: Ripper Hydraulic Lines

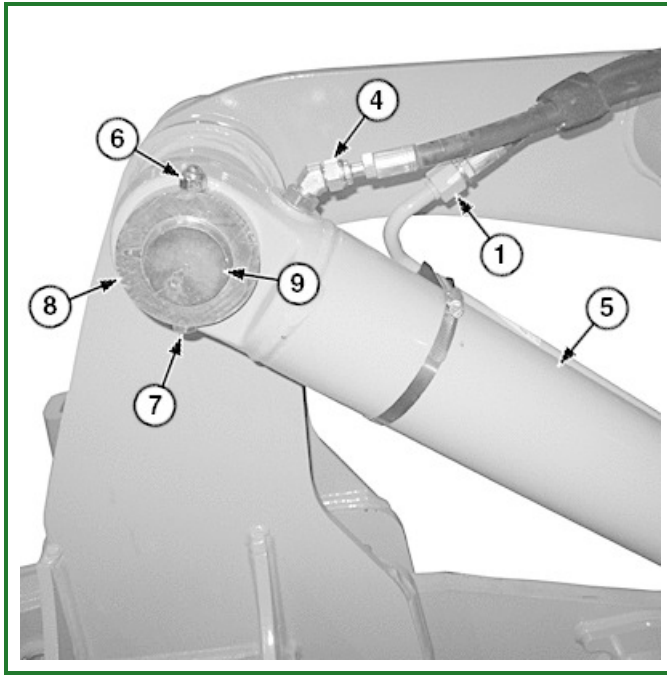
LEGEND:

- 1 - Left Cylinder Down Hydraulic Line
- 2 - Right Cylinder Up Hydraulic Line
- 3 - Right Cylinder Down Hydraulic Line
- 4 - Left Cylinder Up Hydraulic Line

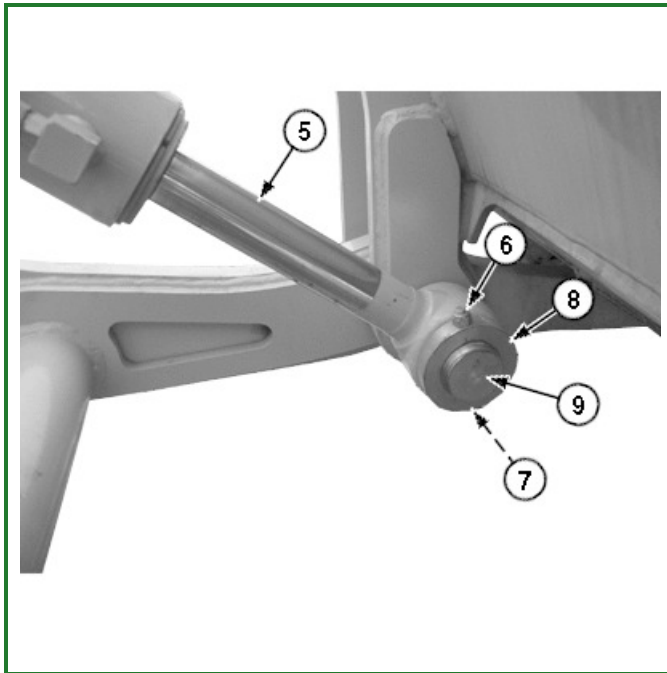
Tag hydraulic lines (1—4). Slowly loosen fittings and disconnect hydraulic lines. Close all openings using caps and plugs.

5. **⚠ CAUTION:**

Prevent possible crushing injury from heavy component. Use appropriate lifting device.



TX1087738A-UN: Left Ripper Cylinder Head End



TX1055629A-UN: Left Ripper Cylinder Rod End

LEGEND:

- 1 - Left Cylinder Down Hydraulic Line
- 4 - Left Cylinder Up Hydraulic Line
- 5 - Ripper Cylinder
- 6 - Nut (4 used)
- 7 - Cap Screw (4 used)
- 8 - Collar (4 used)
- 9 - Pin (4 used)

Support ripper cylinders and remove cap screws (7), nuts (6), and collars (8). Slide ripper cylinder off pin (9).

Item	Measurement	Specification
Ripper Cylinder	Weight (approximate)	40 kg 88 lb.