

## Ripper Remove and Install—If Equipped

1. Park and prepare machine for service. [See Park and Prepare for Service Safely](#) . (Group 0001.)

2.

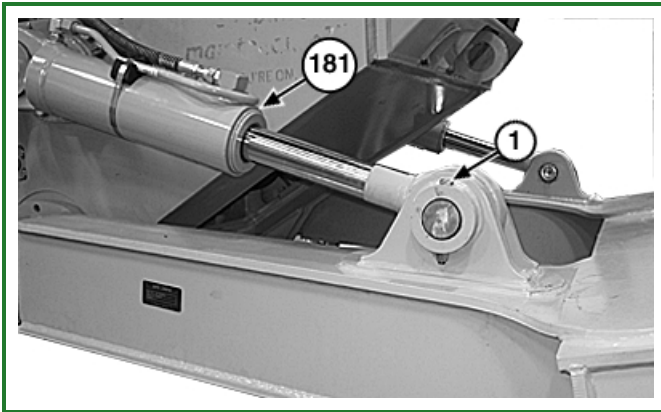
**CAUTION:**

*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.*

Relieve all hydraulic system pressure. [See Hydraulic System Pressure and Accumulator Discharge](#) . (Group 9025-25.)

3. Turn battery disconnect switch to OFF. [See Battery Disconnect Switch](#) . (Operator's Manual.)

4.



**TX1094310A-UN: Ripper**

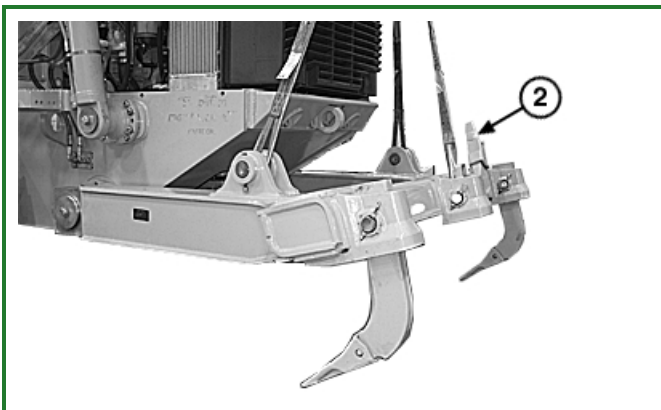
**LEGEND:**

1 - Cap Screw and Nut (2 used)

181 - Ripper Cylinder (2 used)

Remove cap screws and nuts (1) and stow ripper cylinders (181) out of way.

5.



**TX1094315A-UN: Ripper**

**LEGEND:**

2 - Middle Shank and Tooth

Remove middle shank and tooth (2) and stow out of way.

6.

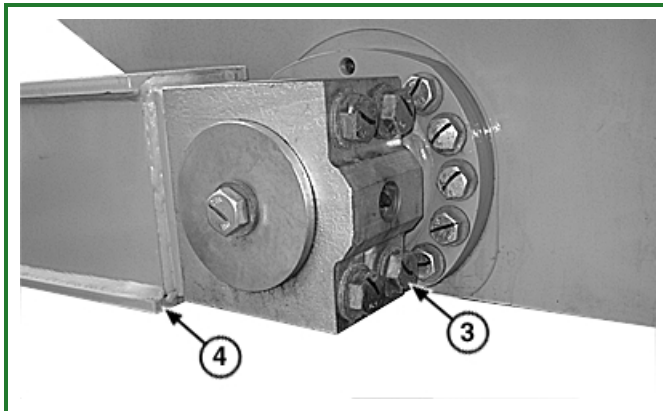
**CAUTION:**

*Avoid possible crushing injury from heavy component. Use appropriate lifting device.*

Attach lifting device to ripper.

Item	Measurement	Specification
Ripper Weight		685 N·m 1510 lb.

7.



**TX1094330A-UN: Ripper Cap Screws**

**LEGEND:**

3 - Cap Screw (4 used)

4 - Ripper

Remove cap screws (3) and ripper (4).

8.

**CAUTION:**

*Avoid possible crushing injury from heavy component. Use appropriate lifting device.*

Install ripper with cap screws and torque to specification.

Item	Measurement	Specification
Ripper Cap Screws	Torque	1070 N·m 790 lb.-ft.

9. Install middle shank and tooth.

10. Install ripper cylinders with cap screws and nuts.

11. Turn battery disconnect switch to ON.

