

Ride Control Valve Remove and Install

-: Specifications

SPECIFICATIONS	
Ride Control Valve Mounting Cap Screws Torque	37 N·m 27 lb.-ft.

1. Remove front attachment and park machine on flat, level surface.

2. **⚠ CAUTION:**

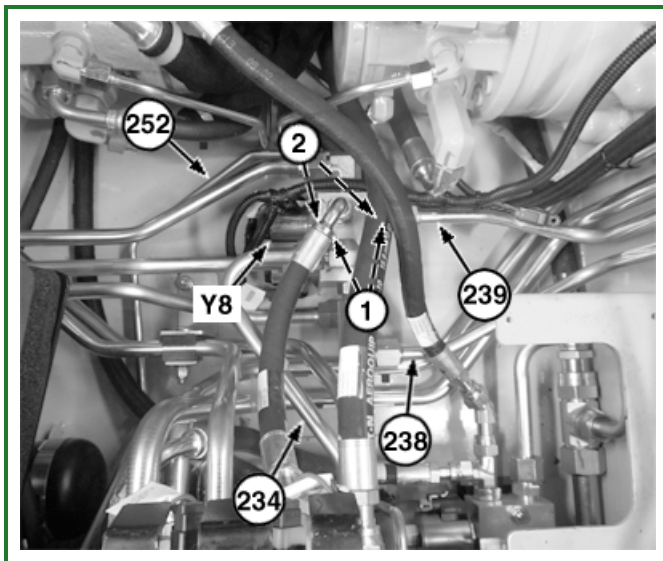
To avoid injury from escaping fluid under pressure, stop engine and relieve the pressure in the system before disconnecting or connecting hydraulic or other lines. Tighten all connections before applying pressure.

Relieve hydraulic system pressure.

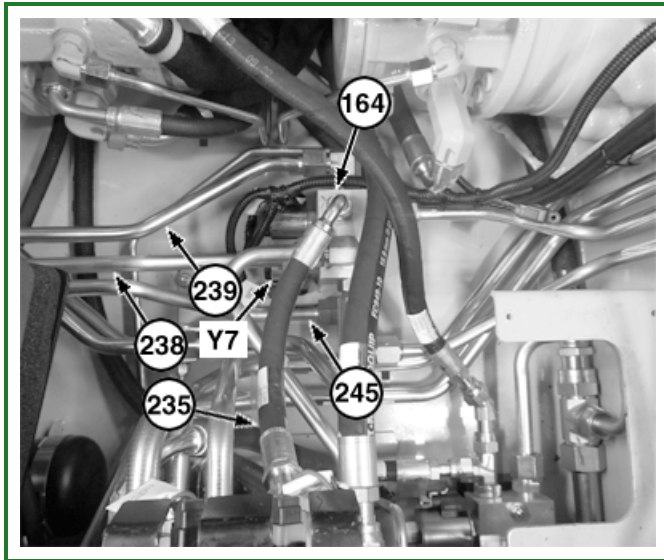
- For wheeled machines, see [Hydraulic System Pressure Release](#) . (Group 9025-25.)
- For tracked machines, see [Hydraulic System Pressure Release](#) . (Group 9025-25.)

3. Raise boom and engage boom lock. See [Boom Lock](#) . (Group 3140.)
4. Raise operator's station. See [Raising Operator's Station](#) . (Group 1910.)
5. Remove footwell. See [Footwell Remove and Install](#) . (Group 1910.)
6. Install identification tags and disconnect hydraulic lines (234, 235, 238, 239, 245, and 252). Close all openings using caps and plugs.

- 7.



TX1148407A-UN: Ride Control Reservoir Solenoid (foot pedal removed for picture clarity)



TX1148411A-UN: Ride Control Valve Hydraulic Lines (foot pedal removed for picture clarity)

LEGEND:

- 1 - Cap Screw (2 used)
- 2 - Nut (2 used)
- 164 - Ride Control Valve (if equipped)
- 234 - Hydraulic Control Valve (boom up port)-to-Ride Control Valve (if equipped) Line
- 235 - Ride Control Valve-to-Hydraulic Control Valve (boom down port) Line
- 238 - Ride Control Valve-to-Boom Cylinder (head end) Line (2 used)
- 239 - Ride Control Valve-to-Boom Cylinder (rod end) Line (2 used)
- 245 - Ride Control Valve-to-Ride Control Accumulator Line
- 252 - Ride Control Valve-to-Hydraulic Oil Cooler Line
- Y7 - Ride Control Accumulator Solenoid
- Y8 - Ride Control Reservoir Solenoid

Install identification tags and disconnect solenoid (Y7 and Y8) electrical connectors.

8. Loosen nuts (2).
9. Remove ride control valve (164).
10. Repair or replace parts as necessary.
11. Install ride control valve and tighten nuts to specification.

Item	Measurement	Specification
Ride Control Valve Mounting Cap Screws	Torque	37 N·m 27 lb.-ft.

12. Connect all hydraulic lines.
13. Connect electrical connectors.
14. Install footwell. [See Footwell Remove and Install](#) . (Group 1910.)
15. Lower operator's station. [See Raising Operator's Station](#) . (Group 1910.)
16. Release boom lock and lower boom to ground. [See Boom Lock](#) . (Group 3140.)