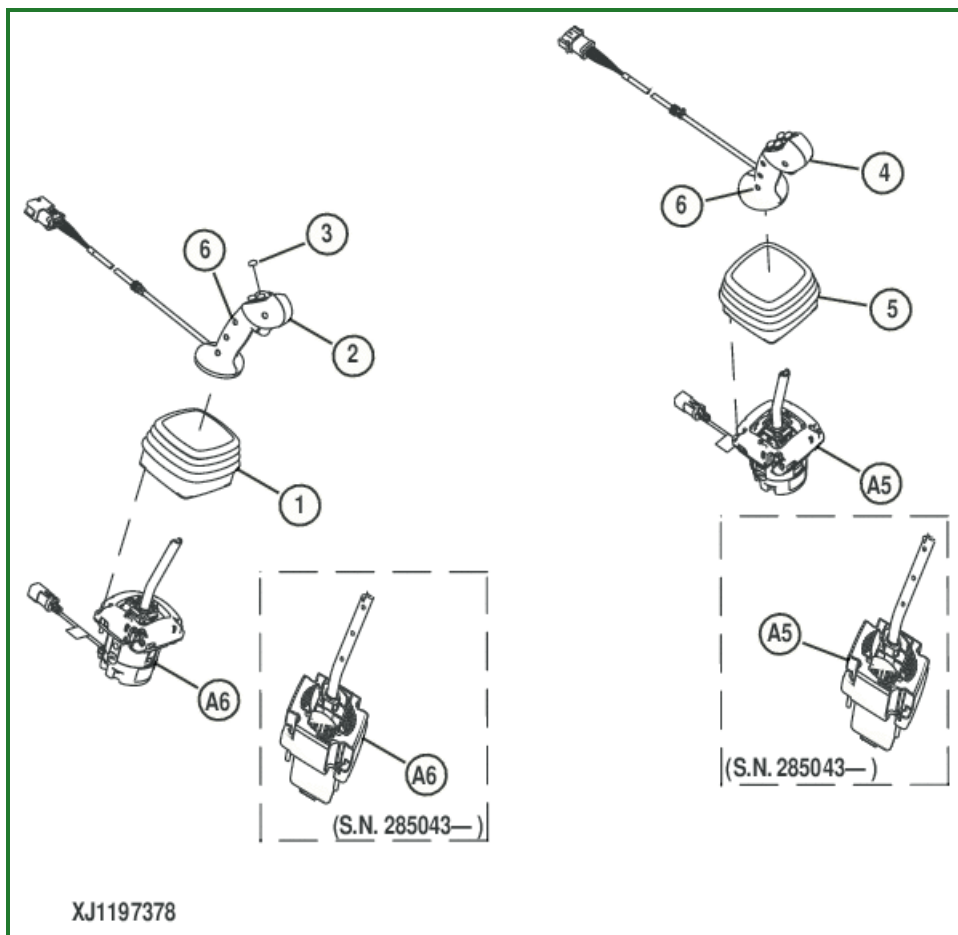


## Joystick Disassemble and Assemble

-: Specifications

SPECIFICATIONS	
<b>Joystick Harness Tie Band Location</b>	
Measuring start point (9) to tie band (7) location length	160—180 mm 6.3—7.1 in
Tie band (7) location to harness grommet (11) length	220—240 mm 8.6—9.4 in



**XJ1197378-UN: Joystick Disassemble and Assemble**

**LEGEND:**

- 1 - Right Boot
- 2 - Right Grip
- 3 - Button (6 used)
- 4 - Left Grip
- 5 - Left Boot
- 6 - Cap Screw (6 used)
- A5 - Left Joystick Controller
- A6 - Right Joystick Controller

1. Park and prepare machine for service. See [Park and Prepare for Service Safely](#) . (Operator’s Manual.)

2.

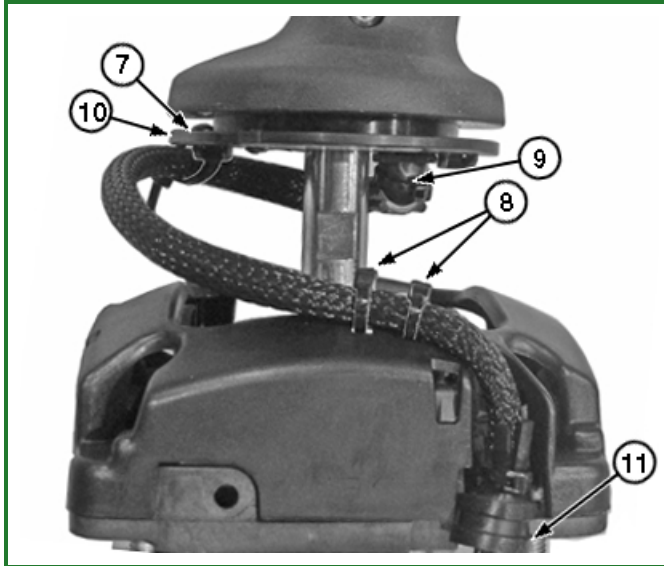
**NOTE:**

*Joystick does not need to be removed to replace button (3).*

Remove joystick.

- See [Left Joystick Controller \(JSL\) Remove and Install](#) . (Group 9015-20.)
- See [Right Joystick Controller \(JSR\) Remove and Install](#) . (Group 9015-20.)

3. Remove boot (1 or 5) from joystick controller (A5 or A6).



**TX1128561A-UN: Joystick Harness Routing**

**LEGEND:**

- 7 - Tie Band (1 used)
- 8 - Tie Band (2 used)
- 9 - Measuring Start Point
- 10 - Measuring Point at Tie Band (7)
- 11 - Harness Grommet

4. Remove tie bands (7 and 8).

5. Remove cap screws (6) and remove grip (2 or 4) from joystick controller (A5 or A6).

6. Repair or replace parts as necessary.

7. Install grip to joystick controller and cap screws.

8. **IMPORTANT:**

Joystick harness must be routed in loop to prevent harness damage and joystick binding. Route harness in an approximate 270° counterclockwise loop and secured as shown.

Route joystick harness in an approximate 270° counterclockwise loop per length specifications and install tie bands. Secure and trim tie bands.