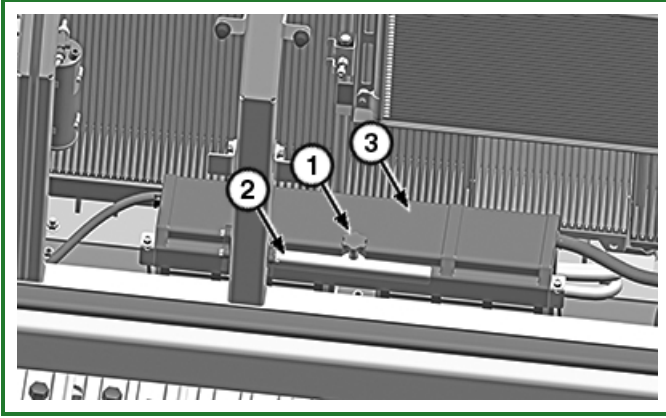
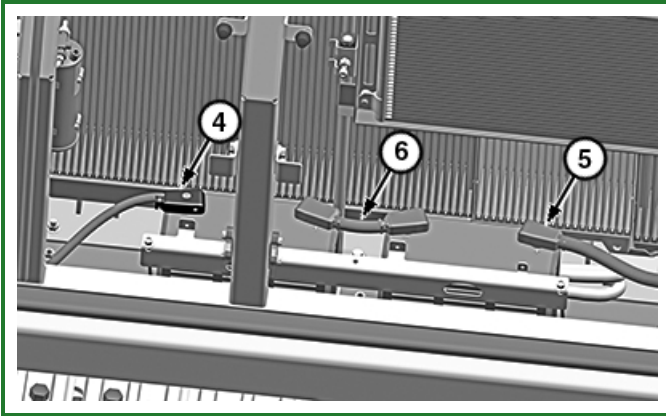


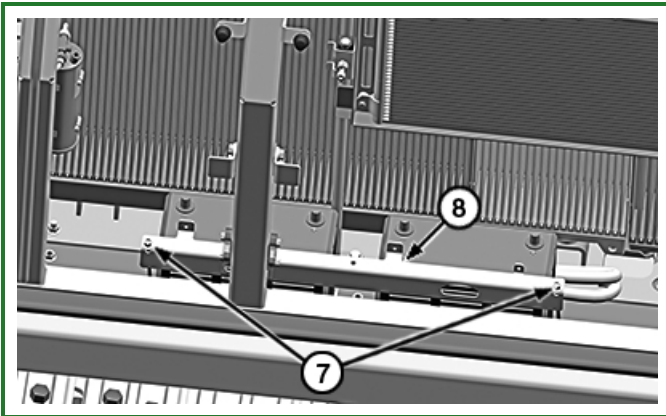
## Removing and Installing Batteries



YN1285766-UN: Battery Cover



YN1285770-UN: Battery Cables



YN1285771-UN: Nuts, Washers, and Hold-Down Bracket

**LEGEND:**

- 1 - Knob
- 2 - Bracket
- 3 - Battery Cover
- 4 - Negative (-) Cable
- 5 - Positive (+) Cable
- 6 - Intermediate Battery Cable
- 7 - Nut (4 used) and Washer (2 used)
- 8 - Hold-Down Bracket

**NOTE:**

*Check for worn or frayed wires and loose or corroded connections.*

**To remove batteries:**

1. Prepare machine for maintenance. See Prepare Machine for Maintenance. (Section 3-2.)
2. Turn battery disconnect switch to OFF position. See Battery Disconnect Switch. (Section 2-3.)
3. Loosen knob (1).
4. Remove bracket (2) and battery cover (3).
5. Disconnect negative (-) cable (4) clamp from battery post.
6. Disconnect positive (+) cable (5) clamp from battery post.
7. Disconnect and remove intermediate battery cable (6).
8. Remove nuts and washers (7).
9. Remove hold-down bracket (8).
10. Lift batteries out of compartment.

**To install batteries:**

1. Put batteries into compartment.
2. Install hold-down bracket.
3. Tighten nuts and washers.

4.

**NOTE:**

*The tighten specifications for all the battery cable clamps are the same.*

Install intermediate battery cable and tighten clamps to specification.

Item	Measurement	Specification
Battery Cable Clamp	Torque	9 N·m 80 lb·in

5. Connect positive (+) cable to the positive post of battery and tighten clamp to specification.
6. Connect negative (-) cable to the negative post of battery and tighten clamp to specification.
7. Install bracket and battery cover.
8. Tighten knob.