

These instructions describe the installation of 14 functions wireless remote kit.

Read these instructions thoroughly before beginning the procedure.



CAUTION

Use all applicable safety precautions while working on, around, or under any machinery.



WARNING

Failure to follow all safety precautions when working on this equipment could cause death, serious injury, or damage to property and equipment.

REVISION LOG

- **A** - March 2025

MODELS AFFECTED

- **MPL-40**
SN 0230011584 to Present including 0230010532, 0230010924-0230010930, 0230011032, 0230011121-0230011129, 0230011301-0230011319, 0230011491-0230011510
- **MPL-60**
SN 0230011584 to Present including 0230010929, 0230011078, 0230011268, 0230011269 and 0230011581

REQUIRED TOOLS

- Standard Mechanic Tools
- Medium Strength Threadlocking Compound

REQUIRED PERSONNEL

- Qualified Equipment Mechanic

PROHIBITED OPTIONS/ITEMS

- None

REQUIRED OPTIONS/ITEMS

- None

PARTS LIST

Verify kit contents and inspect for damage.

Item	Part Number	Description	Qty
1	1001299208	Control, Remote, 14 Functions, Rocket*	1
2	1001300459	Bracket, Remote Receiver Mount	1
3	7114101018	Screw, #10-24 x 1 1/4 LG	4
4	7115181064	Bolt, 1/2-13 x 1 1/4 LG	2
5	7660102604	Locknut, #10-24 UNC SS	4
6	7660182601	Locknut, 0.50"-13 NC GR5 Hex Nylo	2
7	7894000004	Strap, Tie	3
8	7950100143	Washer, 0.19"	4
9	7950180153	Washer, 0.50"	2
10	1001307835	Harness, 14 Functions Wireless Remote	1

Note: *14 Functions remote control (1) includes transmitter (1A), receiver (1B), battery charger (1C) and pairing plug (1D).

Note: Kit parts to be installed on vehicle are indicated numerically (1, 2, 3, 4, etc.). Parts referenced on or removed from vehicle are indicated alphabetically (A, B, C...AA, AB, AC, etc.).

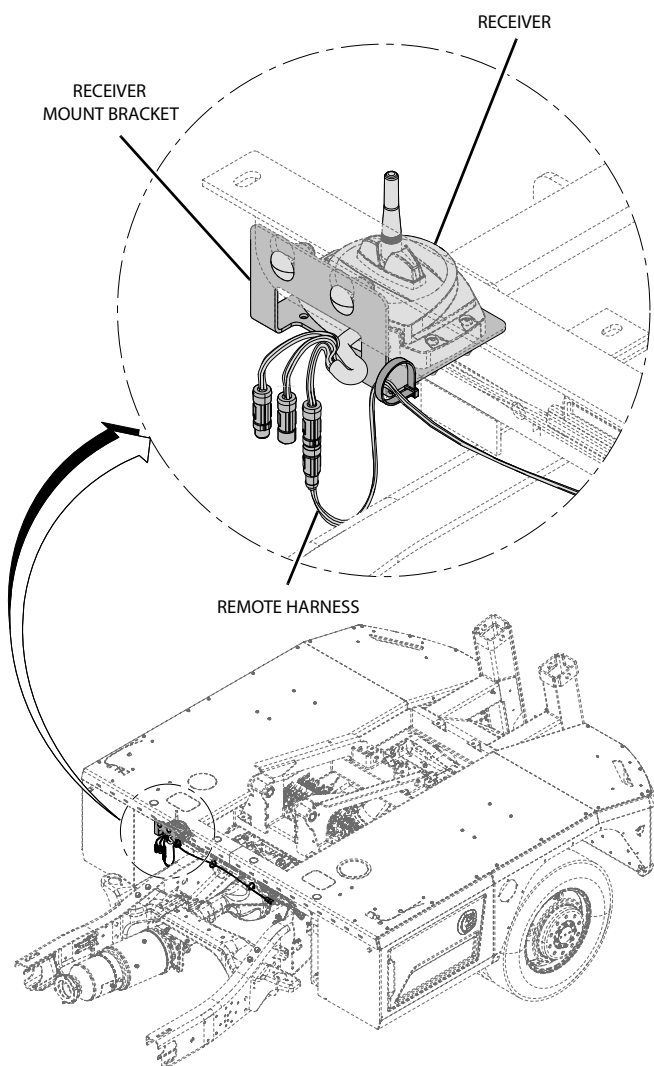
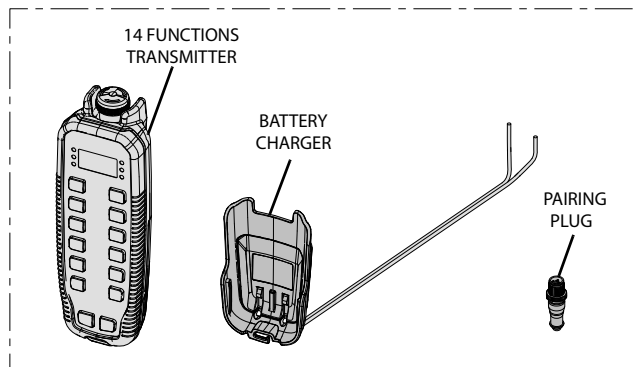
Note: Some components are hidden for clarity in illustrations.

Note: Do Not apply dielectric grease to module connections or cable connections unless noted otherwise.

Note: Do Not tighten the tie straps until installation is complete.

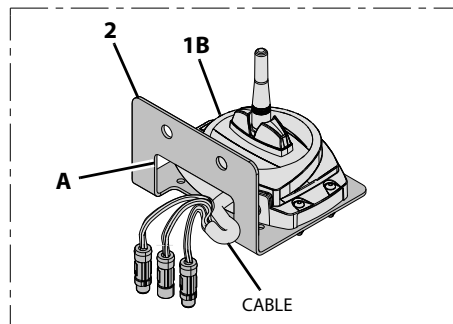
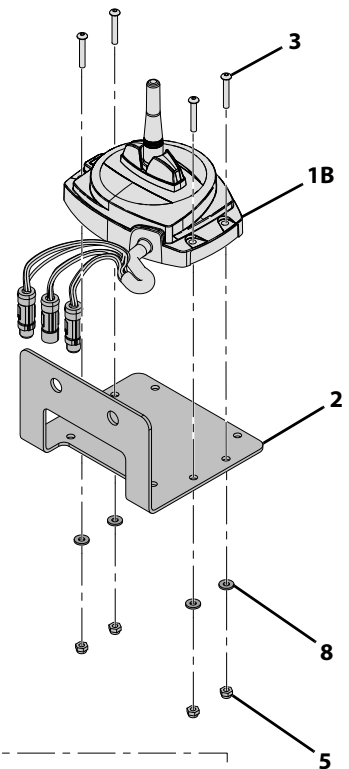
MACHINE PREPARATION

1. Park the vehicle on a firm level surface, engage park brake and lower the boom(s).
2. Turn the vehicle OFF and properly disconnect the battery.
3. Remove key and tag machine out of service.



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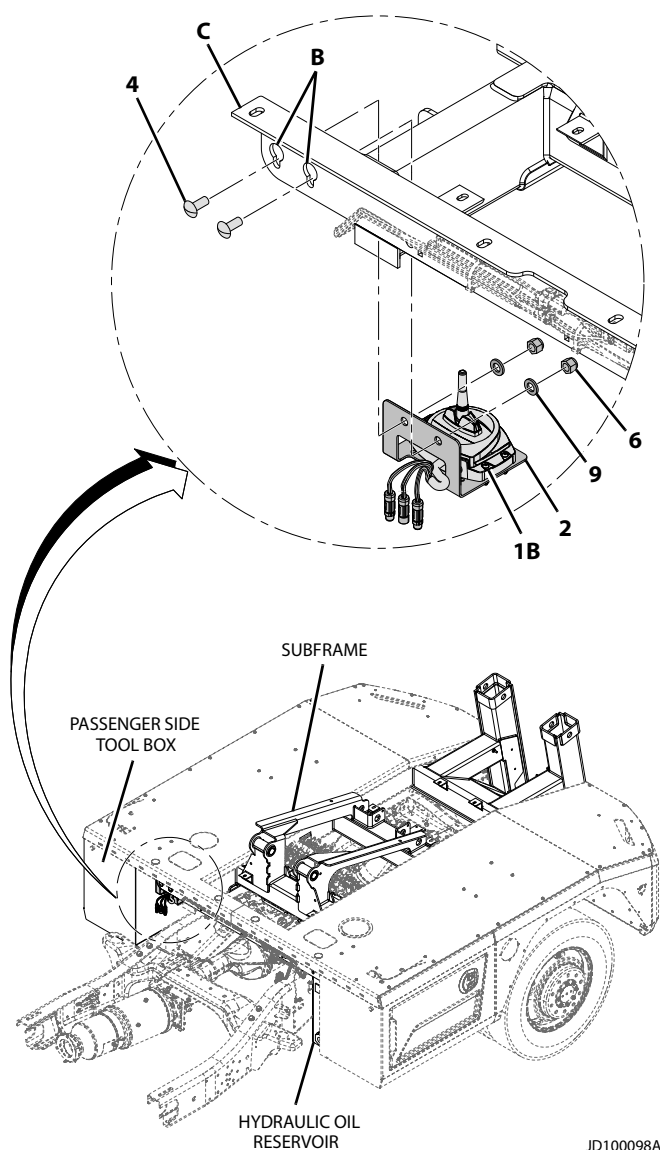
INSTALLATION PROCEDURE



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1. Install receiver (1B) on receiver mount bracket (2) with screws (3), washers (8) and locknuts (5).
2. Route cable of receiver (1B) through the cutout (A) of receiver mount bracket (2) as shown.

Figure 1. Component Identification

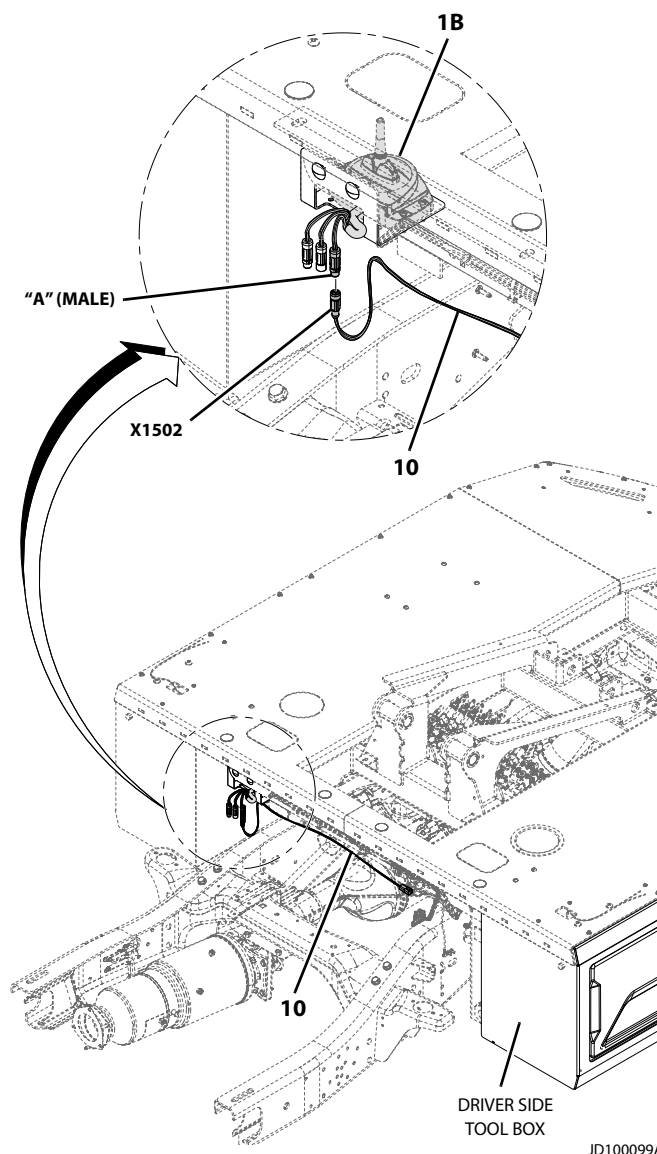


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3. Locate mounting holes (B) on angle plate (C) of subframe near passenger side tool box at the shown location.

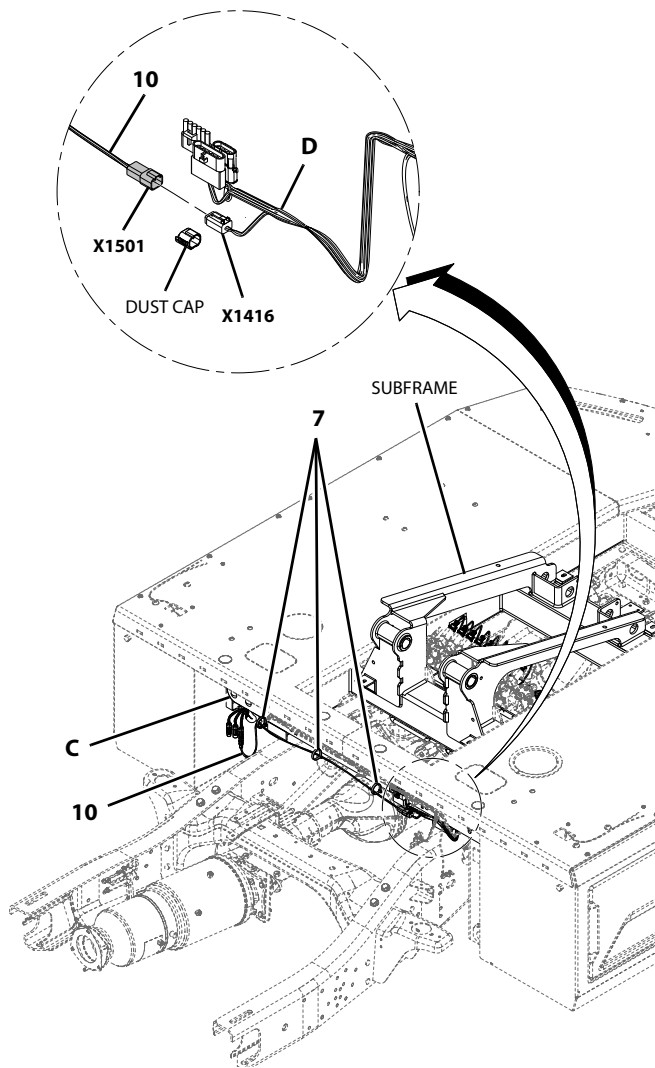
Note: Receiver mount bracket (2) must be mounted on opposite side of existing hydraulic oil reservoir.

4. Install receiver mount bracket (2) along with receiver (1B) on holes (B) on angle plate (C) with bolts (4), washers (9) and locknuts (6).



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5. Route remote harness (10) with electrical connector (X1502) from driver side tool box to receiver (1B) as shown.
6. Connect electrical connector (X1502) of remote harness (10) to electrical connectors "A" (male) of receiver (1B).

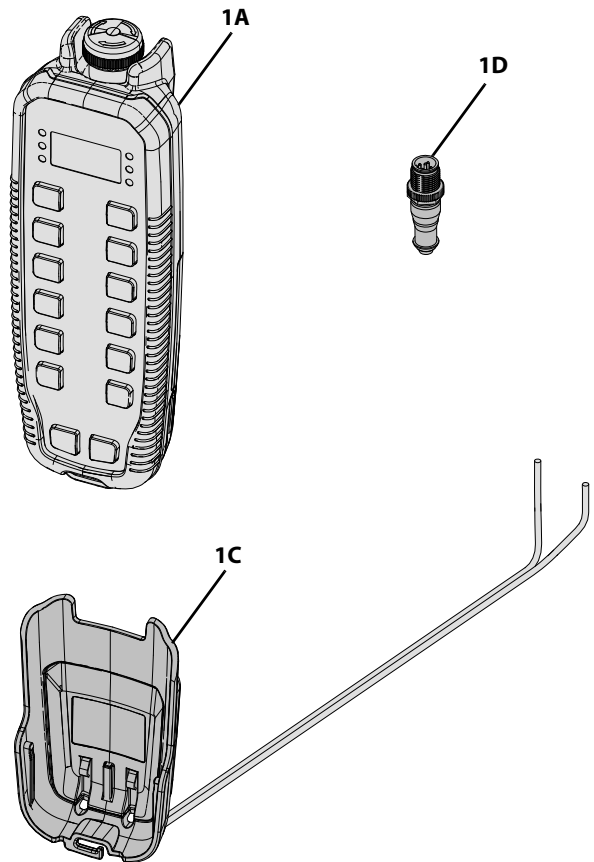


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7. Remove and discard dust cap from electrical connector (X1416) of EH control main harness (D).
8. Connect electrical connector (X1501) of remote harness (10) to electric connector (X1416) of EH control main harness (D).
9. Secure remote harness (10) to angle plate (C) of subframe with tie straps (7) at the shown locations.

Note: If required, bundle excess remote harness (10) and secure with tie straps (7).

10. Tighten and trim excess tie straps.
11. Reconnect battery power to the vehicle.
12. Re-insert key and start vehicle.



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13. Verify proper operation of wireless remote control. Refer to Operation and Safety Manual.

Note: The transmitter (1A) and the receiver (1B), will be paired/synced at the manufacturer. In the event that they are not paired and the system does not work, the system will need to be paired/synced up. Refer to the Quick Start Guide supplied with the Remote System for pairing/syncing.

14. Store transmitter (1A), battery charger (1C) and pairing plug (1D) in cab.

Note: Recharge transmitter (1A) with battery charger (1C) only when battery of transmitter (1A) is discharged. To recharge the battery, install transmitter (1A) onto battery charger (1C) and connect with chassis 12V DC socket.

Note: Battery charger (1C) harness includes an adapter for use in vehicle's 12V socket (Cigarette Lighter).

Note: Pairing plug (1D) is used to re-pair transmitter (1A) with the receiver (1B).

15. Shut the vehicle OFF and remove the machine out of service tag.