



Clutch Read Switch Kit

ProCore 648 Aerator

Part No. 112-6515

Form No. 3356-271 Rev. A

Installation Instructions

1. Set the parking brake, stop the engine, remove the key, and wait for all moving parts to stop before leaving the operating position.

2. Allow the machine to cool down.

3. Unlatch and remove the belt cover.

Note: Retain all components for reassembly unless otherwise instructed.

4. On the right side of the frame, locate the switch brackets mounted behind the right wheel motor (Fig. 1).

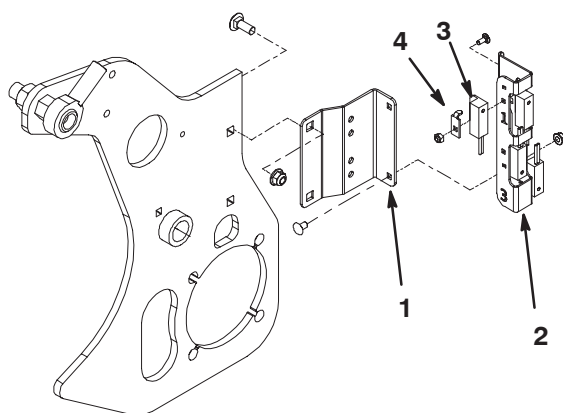


Figure 1

- | | |
|-------------------|---------------------|
| 1. Switch bracket | 3. Proximity switch |
| 2. Switch mount | 4. Switch tab |

5. Remove the (2) carriage bolts and nuts securing the switch bracket to the frame (Fig. 1).

Important If disconnecting the wires, label the switch leads and wire harness connections to assure correct reassembly.

6. Remove the screws, switch tabs and nuts securing the switches to the switch mount (Fig. 1). Remove the switches from the switch mount.

7. Remove the (2) carriage bolts and nuts securing the switch mount to the switch bracket (Fig. 1). Discard the aluminium switch mount but retain the switch bracket.

8. Reinstall the switches to the switch mount with the screws, switch tabs and nuts previously removed (Fig. 1).

9. Loosely mount the new switch mount to the switch bracket with the (2) carriage bolts and nuts previously removed (Fig. 2).

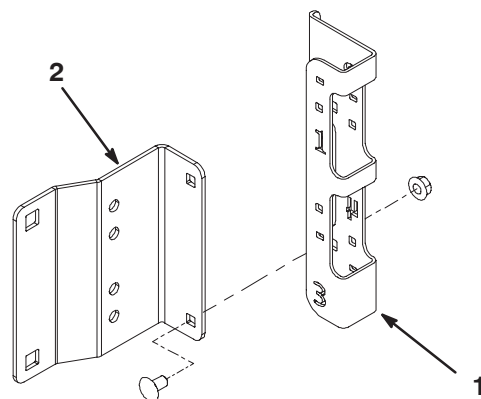


Figure 2

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|---------------------|----------------------------|
| 1. New switch mount | 2. Existing switch bracket |
|---------------------|----------------------------|

10. Secure the switch bracket to the frame with the (2) carriage bolts and nuts previously removed (Fig. 1).

11. Connect the switches to the wire harness. Make sure the switch wires and harness wires are labeled the same.

12. Loosely mount the extension plate to the H-frame tube with (2) new carriage bolts, bracket and (2) flange nuts. Position the components as shown in figure 3.

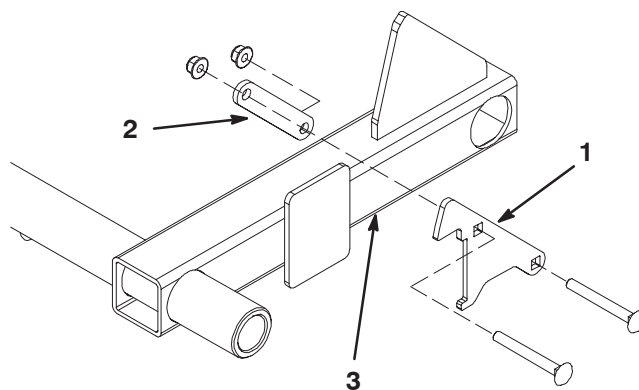


Figure 3

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|--------------------|-----------------|
| 1. Extension plate | 3. H-frame tube |
| 2. Bracket | |

- 13.** Slide the extension plate assembly against the H-frame target (Fig. 4). Make sure the extension plate and target mounting surfaces (except welded edge) are flush and then tighten the nuts. Torque the nuts to 8–12 ft-lbs.

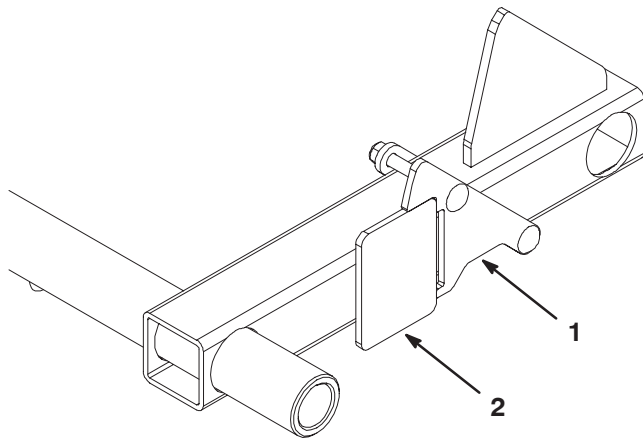


Figure 4

1. Extension plate 2. H-frame target
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- 14.** Position the aluminum switch mount so there is a .02–.08 inch gap between the switch targets and the H-frame target plate and tighten fasteners.
- 15.** Check operation and re-adjust as required.
- 16.** Reinstall the belt cover.