

⚠ WARNING

CALIFORNIA Proposition 65 Warning

WARNING: The power cord on this product contains lead, a chemical known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling.

Safety

- Always follow the vehicle manufacturer's recommendations relating to system installation.
- Due to the variety of equipment that can be installed using the undercarriage, ensure that the gross-vehicle-weight rating (GVWR) is not exceeded at any time. You may need to weigh the vehicle and add ballast or limit the payload of the vehicle to compensate.

Installation

⚠ DANGER

Vehicle engines contain moving parts and can become extremely hot, capable of causing severe burns and serious bodily harm.

Shut off the engine and allow it sufficient time to cool down before installing this kit.

⚠ DANGER

Vehicle batteries can cause dangerous electrical shocks that could lead to severe burns or death.

Disconnect your battery before installing this kit.

Note: Apply dielectric grease to all electrical connections.

1. Connect the white/black wire from the wire harness to the small post on the pump solenoid (Figure 1).

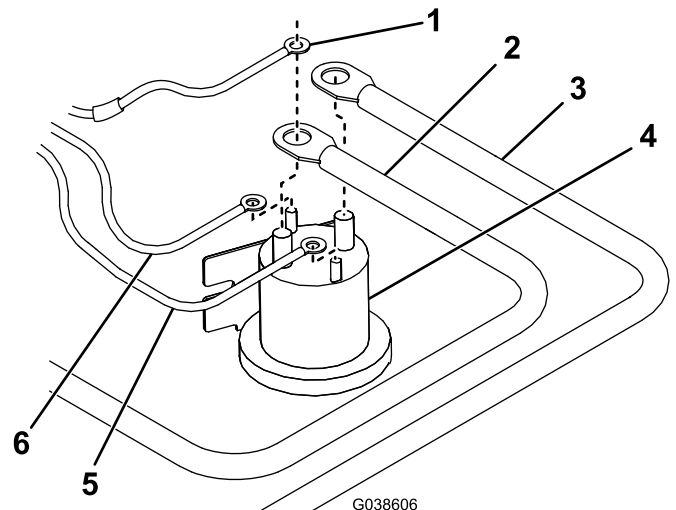


Figure 1

- | | |
|---------------------------------|---------------------|
| 1. Red fused wire | 4. Pump solenoid |
| 2. Long battery extension cable | 5. Brown wire |
| 3. Red power/ground cable | 6. White/black wire |

2. Connect the brown wire from the wire harness to the other small post on the pump solenoid (Figure 1).

Note: The wires may go on either small post, but should not share a post.

3. Mount the pump solenoid inside the engine compartment of the vehicle, ensuring that it stays in an upright position and does not contact the body, hood, or other conductive material on the vehicle.
4. Connect the red power/ground cable to the large post on the pump solenoid (Figure 1).
5. Connect the long battery extension cable to the other large post on the pump solenoid (Figure 1).

Note: The wires may go on either large post, but should not share a post.

6. Connect the black/red wire at the end of the wire harness to a keyed 12 V + ignition source.

Note: Connecting the wire to a source that is not keyed can cause the battery to drain.

7. Connect the black power/ground extension cable to the negative (-) battery terminal (Figure 2).

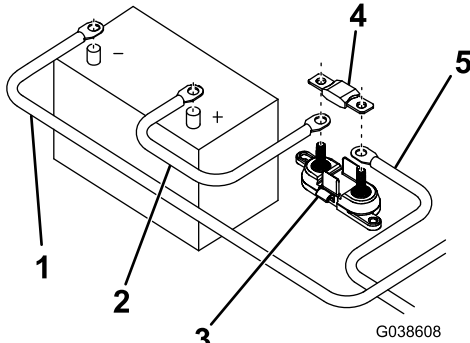


Figure 2

- | | |
|---------------------------------------|---------------------------------|
| 1. Black power/ground extension cable | 4. 150 A fuse |
| 2. Short battery extension cable | 5. Long battery extension cable |
| 3. Fuse holder | |

8. Attach the isolated ground stud under the hood of the vehicle (Figure 3).

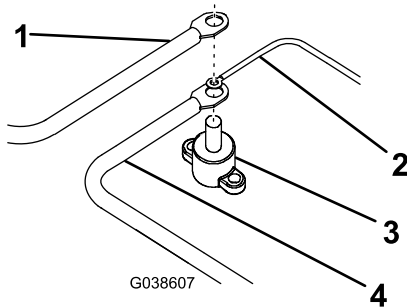


Figure 3

- | | |
|---------------------------------------|-----------------------------|
| 1. Black power/ground extension cable | 3. Isolated ground stud |
| 2. Brown wire | 4. Black power/ground cable |

9. Connect the free end of the black power/ground extension cable to the isolated ground stud (Figure 3).
10. Connect the brown wire to the isolated ground stud (Figure 3).
11. Connect the red, fused wire to the same post on the pump solenoid as the battery extension cable (Figure 1).
12. Attach the fuse holder within 50 cm (20 inches) of the vehicle battery (Figure 2).
13. Connect the free end of the long battery extension cable to the fuse holder (Figure 2).

14. Connect the short battery extension cable to the other stud on the fuse holder (Figure 2).
15. Install the 150 A fuse (Figure 2).
16. Connect the remaining end of the short battery extension cable to the positive (+) battery terminal (Figure 2).