

90730 Fuse Kit

Installation Instructions

2-PLUG SYSTEM

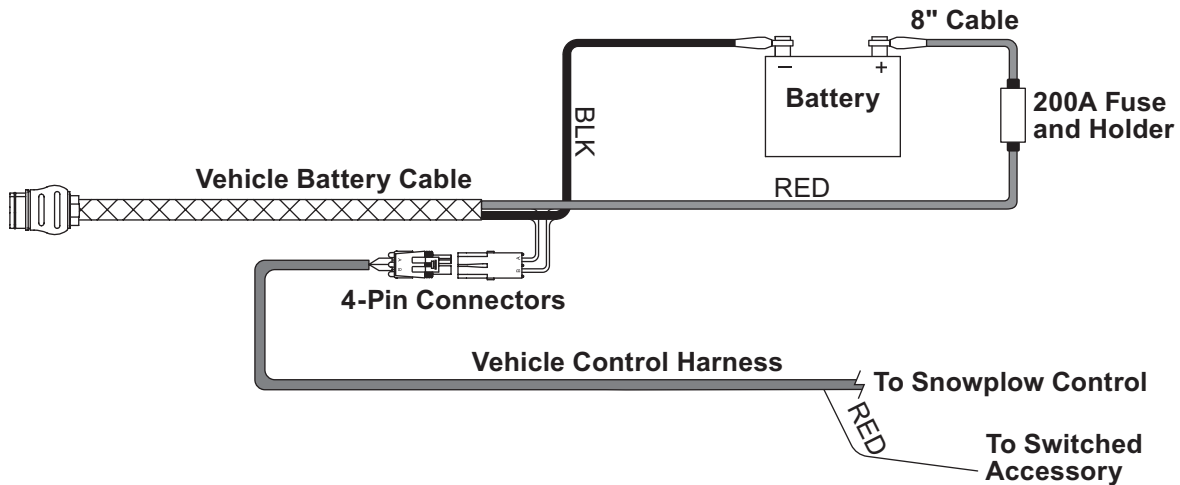
⚠ CAUTION

Batteries normally produce explosive gases, which can cause personal injury. Therefore, do not allow flames, sparks, or lit tobacco to come near the battery. When charging or working near a battery, always cover your face and protect your eyes, and also provide ventilation.

- Batteries contain sulfuric acid, which burns skin, eyes, and clothing.
- Disconnect the battery before removing or replacing any electrical components.

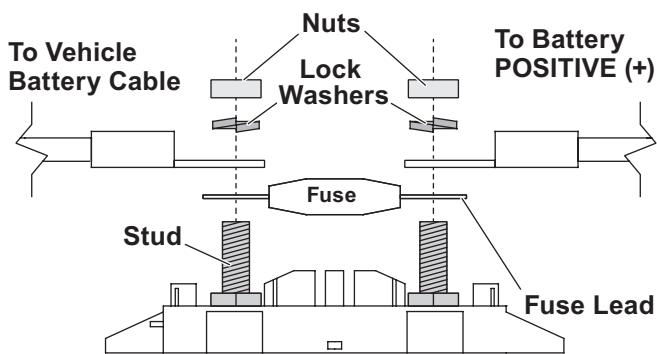
NOTE: Fuse holder and fuse are to be installed between the POSITIVE (+) vehicle battery terminal and the end of the supplied snowplow vehicle battery cable assembly.

NOTE: Use dielectric grease on all electrical connections to prevent corrosion. Fill receptacles and lightly coat ring terminals before assembly.



Instructions for Kit with Black Fuse Holder Cover

1. Turn OFF the vehicle ignition.
2. If previously connected, disconnect the snowplow vehicle cable assembly and both the NEGATIVE (-) and the POSITIVE (+) vehicle battery cables from the vehicle battery terminals.
3. Remove the fuse holder cover, loosen and remove the fuse holder fasteners.
4. Install a 200A fuse onto the fuse holder studs, pressing it down to lock it into the holder.

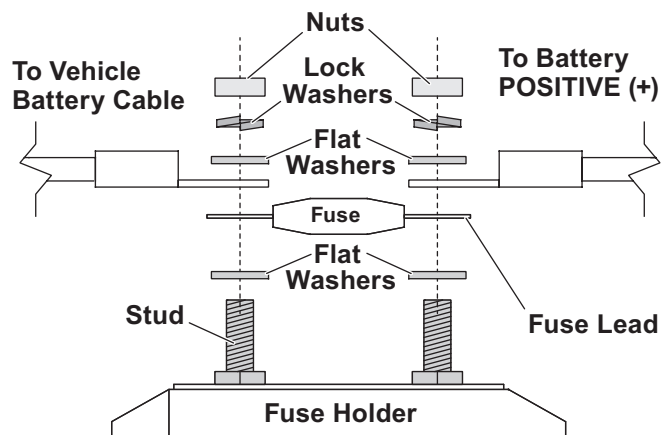


Fuse Holder with Black Cover

5. Place the ring terminal of one end of the supplied 8" cable directly on top of the fuse lead.
6. Install lock washer and nut. Hand tighten the nut.
7. Place the red lead from the snowplow vehicle battery cable onto the second fuse holder stud, placing the cable ring terminal directly on top of the fuse lead. Install lock washer and nut. Hand tighten the nut.
8. Torque the fuse holder nuts to 106–159 in-lb.
9. Snap the fuse holder cover into place.
10. Connect the 8" cable from the fuse holder to the POSITIVE (+) battery terminal.
11. Reconnect the black cable to the NEGATIVE (-) battery terminal.

Instructions for Kit with Clear Fuse Holder Cover

1. Turn OFF the vehicle ignition.
2. If previously connected, disconnect the snowplow vehicle cable assembly and both the NEGATIVE (-) and the POSITIVE (+) vehicle battery cables from the vehicle battery terminals.
3. Remove the fuse holder cover, loosen and remove the fuse holder fasteners.
4. Install a flat washer onto each fuse holder stud.



Fuse Holder with Clear Cover

5. Install a 200A fuse over the washers.
6. Place the ring terminal of one end of the supplied 8" cable directly on top of the fuse lead.
7. Install a flat washer, followed by lock washer and nut, and hand tighten the nut.
8. Place the red lead from the snowplow vehicle battery cable onto the second fuse holder stud, placing the cable ring terminal directly on top of the fuse lead. Install flat washer, lock washer, and nut. Hand tighten the nut.
9. Torque the fuse holder nuts to 106–159 in-lb.
10. Snap the fuse holder cover into place.
11. Connect the 8" cable from the fuse holder to the POSITIVE (+) battery terminal.
12. Reconnect the black cable to the NEGATIVE (-) battery terminal.

3-PLUG SYSTEM

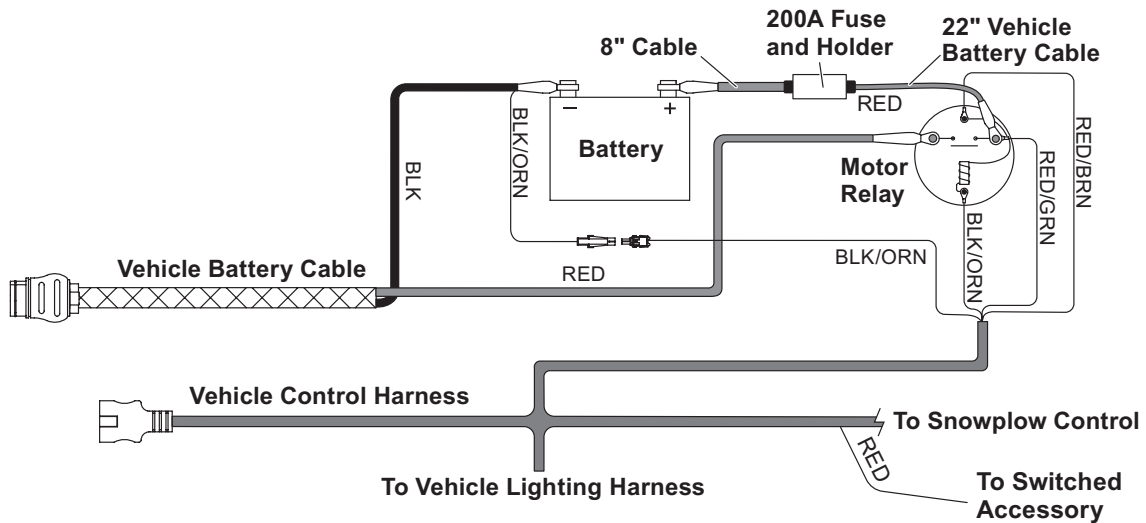
⚠ CAUTION

Batteries normally produce explosive gases, which can cause personal injury. Therefore, do not allow flames, sparks, or lit tobacco to come near the battery. When charging or working near a battery, always cover your face and protect your eyes, and also provide ventilation.

- Batteries contain sulfuric acid, which burns skin, eyes, and clothing.
- Disconnect the battery before removing or replacing any electrical components.

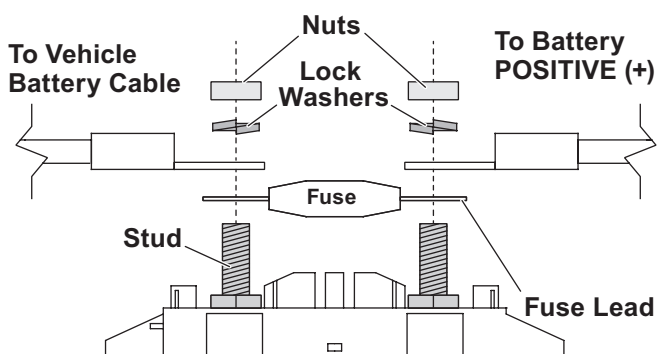
NOTE: Fuse holder and fuse are to be installed between the POSITIVE (+) vehicle battery terminal and the end of the supplied snowplow vehicle battery cable assembly.

NOTE: Use dielectric grease on all electrical connections to prevent corrosion. Fill receptacles and lightly coat ring terminals before assembly.



Instructions for Kit with Black Fuse Holder Cover

1. Turn OFF the vehicle ignition.
2. If previously connected, disconnect the snowplow vehicle cable assembly and both the NEGATIVE (-) and the POSITIVE (+) vehicle battery cables from the vehicle battery terminals.
3. Remove the fuse holder cover, loosen and remove the fuse holder fasteners.
4. Install a 200A fuse onto the fuse holder studs, pressing it down to lock it into the holder.

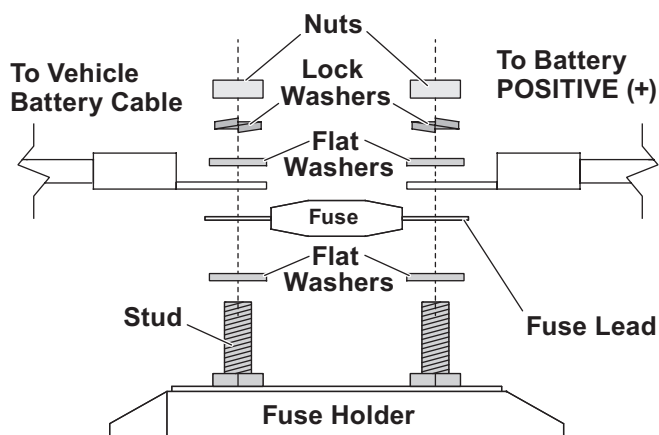


Fuse Holder with Black Cover

5. Place the ring terminal of one end of the supplied 8" cable directly on top of the fuse lead.
6. Install lock washer and nut. Hand tighten the nut.
7. Place the red lead from the 22" vehicle battery cable onto the second fuse holder stud, placing the cable ring terminal directly on top of the fuse lead. Install lock washer and nut. Hand tighten the nut.
8. Torque the fuse holder nuts to 106–159 in-lb.
9. Snap the fuse holder cover into place.
10. Connect the 8" cable from the fuse holder to the POSITIVE (+) battery terminal.
11. Reconnect the black cable to the NEGATIVE (-) battery terminal.

Instructions for Kit with Clear Fuse Holder Cover

1. Turn OFF the vehicle ignition.
2. If previously connected, disconnect the snowplow vehicle cable assembly and both the NEGATIVE (-) and the POSITIVE (+) vehicle battery cables from the vehicle battery terminals.
3. Remove the fuse holder cover, loosen and remove the fuse holder fasteners.
4. Install a flat washer onto each fuse holder stud.



Fuse Holder with Clear Cover

5. Install a 200A fuse over the washers.
6. Place the ring terminal of one end of the supplied 8" cable directly on top of the fuse lead.
7. Install a flat washer, followed by lock washer and nut, and hand tighten the nut.
8. Place the red lead from the 22" vehicle battery cable onto the second fuse holder stud, placing the cable ring terminal directly on top of the fuse lead. Install flat washer, lock washer, and nut. Hand tighten the nut.
9. Torque the fuse holder nuts to 106–159 in-lb.
10. Snap the fuse holder cover into place.
11. Connect the 8" cable from the fuse holder to the POSITIVE (+) battery terminal.
12. Reconnect the black cable to the NEGATIVE (-) battery terminal.

FOR VEHICLES REQUIRING 50" OR 90" EXTENDED BATTERY CABLE

⚠ CAUTION

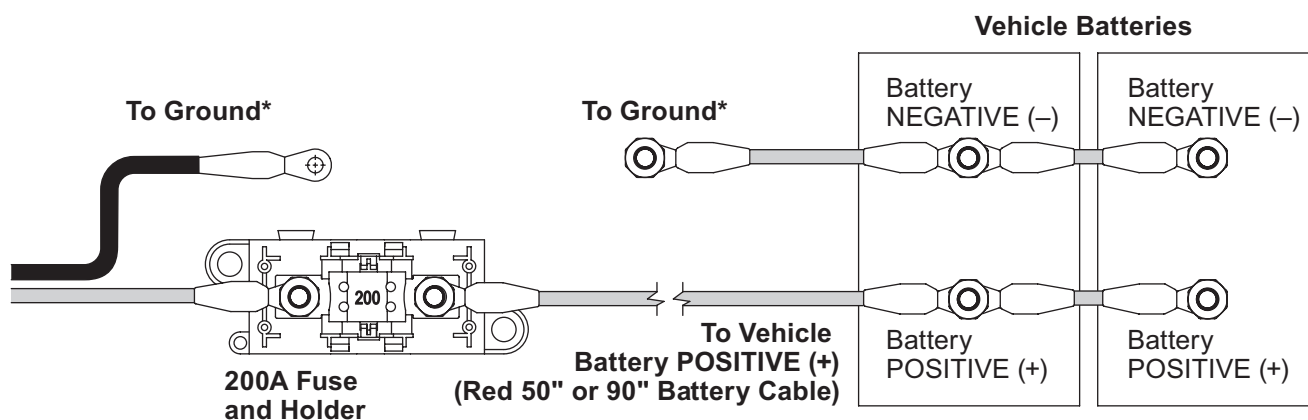
Batteries normally produce explosive gases, which can cause personal injury. Therefore, do not allow flames, sparks, or lit tobacco to come near the battery. When charging or working near a battery, always cover your face and protect your eyes, and also provide ventilation.

- Batteries contain sulfuric acid, which burns skin, eyes, and clothing.
- Disconnect the battery before removing or replacing any electrical components.

NOTE: When instructed, make all snowplow battery cable connections to the auxiliary battery, if vehicle is so equipped.

NOTE: For vehicles equipped with a tilt cab or tilt hood, a service loop will be necessary when making harness or cable transitions from the cab/hood to the frame. Check the cable installation for interference by raising and lowering the cab/hood a number of times. Add anti-chafing material (installer-supplied) as needed.

NOTE: Use dielectric grease on all electrical connections to prevent corrosion. Fill receptacles and lightly coat ring terminals and blades before assembly.



*See vehicle manufacturer for proper grounding procedure.

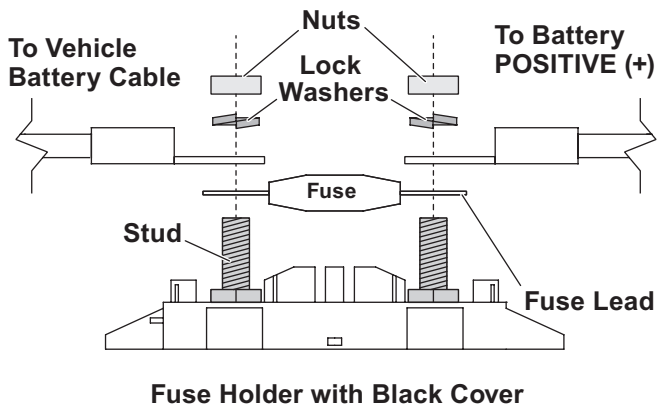
Instructions for Kit with Black Fuse Holder Cover

1. Turn OFF the vehicle ignition.
2. Disconnect both the NEGATIVE (–) and the POSITIVE (+) battery cables from the vehicle battery.
3. Route the supplied vehicle battery cable from the grille or bumper to the battery, avoiding any sharp edges and hot or moving parts. Cable tie only the end section closest to the grille.

The vehicle battery cable may need to be lengthened on vehicles with batteries located under or behind the cab. If lengthening of cables is necessary, use the supplied fuse holder as the junction block. Mount the fuse holder on a flat surface within reach of the red vehicle battery cable end.

4. Remove the fuse holder cover, loosen and remove the fuse holder fasteners.
5. Install a 200A fuse onto the fuse holder studs, pressing it down to lock it into the holder.

6. Place the ring terminal of one end of the vehicle battery cable directly on top of the fuse lead.
7. Install lock washer and nut. Hand tighten the nut.
8. Place the red lead from either the 50" or 90" extended battery cable onto the second fuse holder stud, placing the cable ring terminal directly on top of the fuse lead. Install lock washer and nut. Hand tighten the nut.
9. Torque the fuse holder nuts to 106–159 in-lb.
10. Snap the fuse holder cover into place.
11. Connect the red 50" or 90" battery cable from the fuse holder to the POSITIVE (+) battery terminal.
12. On vehicles with the batteries located under or behind the cab, connect the black wire from the vehicle battery cable per vehicle manufacturer's grounding procedures. The 4-position connector from the vehicle battery cable will connect to the mating connector (labeled "BAT") on the end of the vehicle control harness.



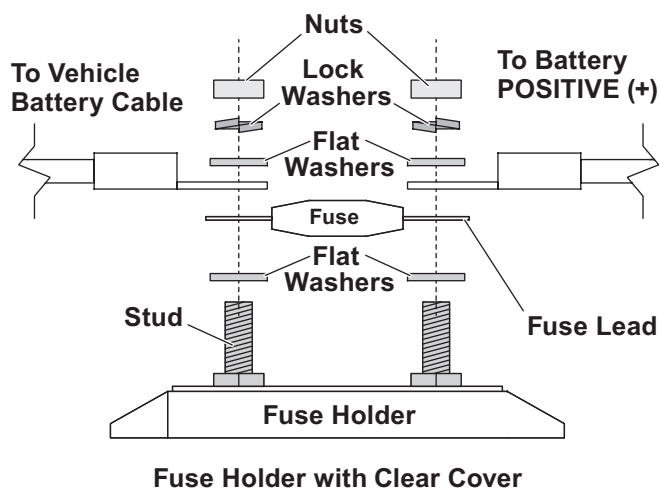
Instructions for Kit with Clear Fuse Holder Cover

1. Turn OFF the vehicle ignition.
2. Disconnect both the NEGATIVE (–) and the POSITIVE (+) battery cables from the vehicle battery.
3. Route the supplied vehicle battery cable from the grille or bumper to the battery, avoiding any sharp edges and hot or moving parts. Cable tie only the end section closest to the grille.

The vehicle battery cable may need to be lengthened on vehicles with batteries located under or behind the cab. If lengthening of cables is necessary, use the supplied fuse holder as the junction block. Mount the fuse holder on a flat surface within reach of the red vehicle battery cable end.

4. Remove the fuse holder cover, loosen and remove the fuse holder fasteners.
5. Install a flat washer onto each fuse holder stud.
6. Install a 200A fuse over the washers.

7. Place the ring terminal of one end of the vehicle battery cable directly on top of the fuse lead.
8. Install a flat washer, followed by lock washer and nut, and hand tighten the nut.
9. Place the red lead from either the 50" or 90" extended battery cable onto the second fuse holder stud, placing the cable ring terminal directly on top of the fuse lead. Install flat washer, lock washer, and nut. Hand tighten the nut.
10. Torque the fuse holder nuts to 106–159 in-lb.
11. Snap the fuse holder cover into place.
12. Connect the red 50" or 90" battery cable from the fuse holder to the POSITIVE (+) battery terminal.
13. On vehicles with the batteries located under or behind the cab, connect the black wire from the vehicle battery cable per vehicle manufacturer's grounding procedures. The 4-position connector from the vehicle battery cable will connect to the mating connector (labeled "BAT") on the end of the vehicle control harness.



The company reserves the right under its product improvement policy to change construction or design details and furnish equipment when so altered without reference to illustrations or specifications used. This equipment manufacturer or the vehicle manufacturer may require or recommend optional equipment for snow removal. Do not exceed vehicle ratings with a snowplow. The company offers a limited warranty for all snowplows and accessories. See separately printed page for this important information.

Printed in U.S.A.
