



Relay Harness Kit

Groundsmaster® 3280-D and 3320

Part No. 110-5675

Form No. 3354-827 Rev B

Installation Instructions

1. Install the auxiliary power accessories kit included with this kit. Use the instructions included with the kit.

Note: Do not re-install the control panel cover or connect the negative battery cable to the battery until the complete relay harness kit is installed.

2. Using the dimensions shown in figure 1, locate, mark and drill two .50" dia. holes in the top of the control console.

Note: Only drill one hole in the control console if the attachment is a snowthrower manufactured by Erskine.

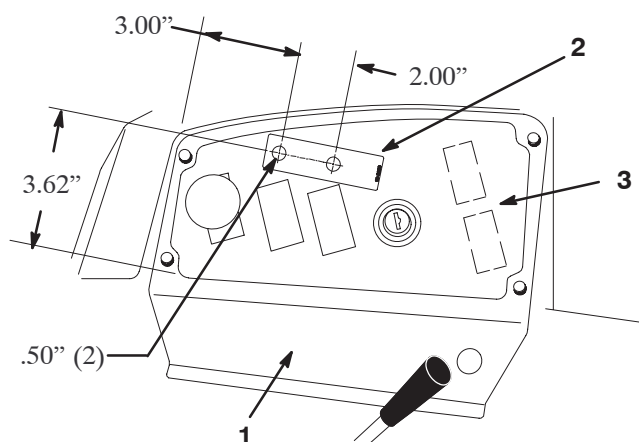


Figure 1

- | | |
|------------------------|---------------|
| 1. Control panel plate | 3. Knock outs |
| 2. Decal | |

3. Clean the mounting surface and apply the control decal over the holes on the control console.
4. Loosely mount a toggle switch into the hole(s) with the washers and nuts supplied.
5. Plug the connector(s) from the accessory wire harness onto the toggle switch terminal(s) as follows:
 - Plug the connector with the yellow, green, orange and black wires onto the toggle switch terminal for the chute height actuator.
 - Plug the connector with the yellow, red, violet and black wires onto the toggle switch terminal for the chute rotator actuator.

Note: Only use the connector with the yellow, green, orange and black wires if the attachment is a snowthrower manufactured by Erskine.

6. Secure the ground wires (ring terminals) from the accessory and power harness' to the grounding block located beneath the fuse blocks.
7. Route the harness out the bottom of the control console toward the front of the machine.

Important When routing the harness, do not pull it across sharp edges which may damage the wires. Wires must not contact any hot or moving parts. Secure the wire harness with wire ties.

8. Connect the (2) spade terminals from the accessory wire harness to the (2) spade terminals on the fuse block wires.
9. Install the fuses as follows:
 - For snow throwers, other than those manufactured by Erskine, use (1) 10 A fuse supplied with the snowthrower and (1) 30A thermal breaker furnished with the kit.
 - For snow throwers manufactured by Erskine, use (1) 20A thermal breaker furnished with the kit.

Note: The 30A thermal breaker is used for the chute rotating circuit.

- For rotary broom applications, use (2) 5A fuses furnished with the kit (Do not use a 30A thermal breaker).

Note: Make sure the fuses are installed in the corresponding slots that have the wire connected to the harness.

Note: Check switch operation and reverse their location in control console if they don't operate in direction shown on decals. Tighten toggle switch nuts.

10. Secure the wire harness to the control console with a cable tie.
11. Re-install the control panel cover.
12. Connect the negative battery cable to the battery.

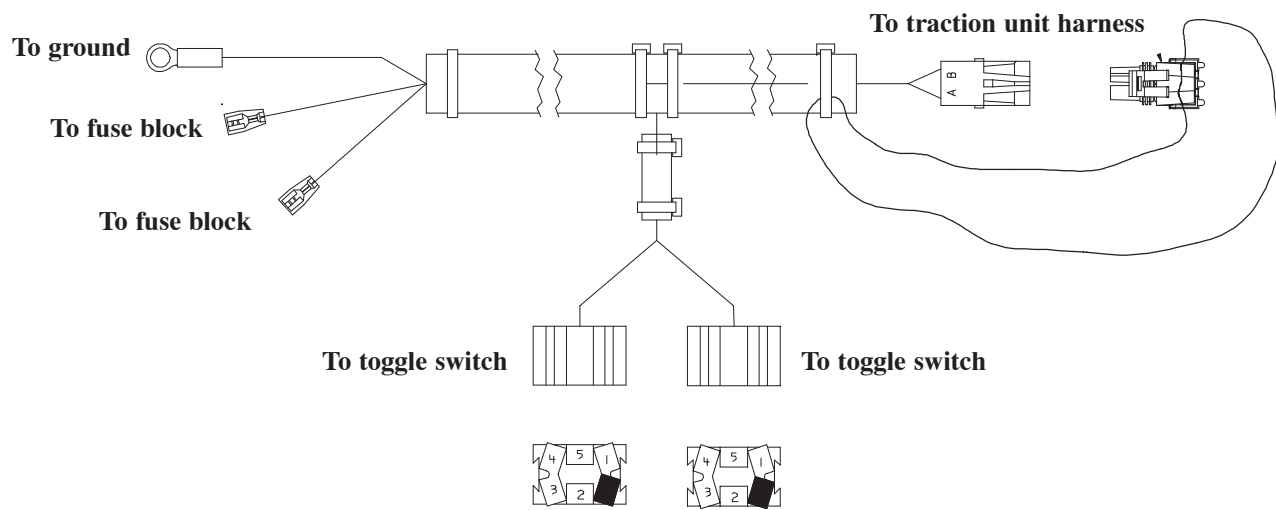


Figure 2