Sno-Power HW16 Initial Installation Instructions

Truck Mount and Vehicle Side Hitch

1. Verify 5th wheel rails are installed.
2. Verify Reese hitch is installed.
3. Remove Tailgate.
4. Grab right and left hitch rails and (4) ½" pins with cotter pins.
5. Install a right side (passenger side) hitch rail in the outermost 5th wheel rail hole in the forward 5th wheel rail using a ½" pin. Secure with cotter pin.
6. Install a right side (passenger side) hitch rail in the outermost 5th wheel rail hole in the rear 5th wheel rail using a ½" pin. Secure with cotter pin.
7. Install a left side (driver side) hitch rail in the outermost 5th wheel rail hole in the forward 5th wheel rail using a ½" pin. Secure with cotter pin.
8. Install a left side (driver side) hitch rail in the outermost 5th wheel rail hole in the rear 5th wheel rail using a ½" pin. Secure with cotter pin.
9. Pick up the X center cross member and position between the hitch rails.

Note: Throughout assembly the sequence of bolt, washer, parts being connected, washer, nut is typical.

10. Pick up a rounded 90-degree truck mount and place beside the left hitch rail. Align the rear hole near the curve of the truck mount with rear hole of the X cross member and loosely install a ¾" bolt, washers, and nylon insert lock not.
11. Pick up a rounded 90-degree truck mount and place beside the right hitch rail. Align the rear hole near the curve of the truck mount with rear hole of the X cross member and loosely install a ¾" bolt, washers, and nylon insert lock not.
12. Install the receiver support block in the Reese hitch and secure with pin and cotter pin.
13. Left side - slide the truck mount/X cross member to visibly align rear slots in the hitch rail in the same plane as the hole in the receiver support block. Install bolts, washers, nuts on left side hitch rail (don't tighten).
14. Right side - slide the truck mount/X cross member to visibly align rear slots in the hitch rail in the same plane as the hole in the receiver support block. Install bolts, washers, nuts on left side hitch rail (don't tighten).
15. Install the vehicle side hitch onto the truck mounts. **NOTE:** For most Ford or Dodge vehicles install the bolts in the second hole from the top. For most Chevrolet vehicles and ALL ½ ton vehicles, regardless of make, install the bolts in the top most hole. This step often requires the use of a dead-blow mallet to assist in alignment of the bolt holes.
16. Once the vehicle side hitch is installed, simulate down pressure on the hitch to raise the hitch to align with the receiver support block and secure with 5/8" pin and cotter pin.
17. Release down pressure from hitch.
18. With all pins in place and bolts loosely installed, measure from the rear bed of the truck to the bolt hole in the curve of the truck mount. Adjust the right and left side to be equal distance.
19. Tighten and secure all bolts on the truck side mount assembly (not the hitch at this time).
20. Measure from the bolt hole in the curve of the truck mount to the top angle iron of the vehicle side hitch. Adjust the right and left side to be equal distance.
21. Tighten and secure all bolts on the truck side hitch assembly.

Sno-Power HW16 Initial Installation Instructions

Heavy Power (Engine to Truck Bed)

1 Open hood of vehicle
2 Disconnect battery (both positive and negative wires)
3 Unpackage the heavy power cable provided.

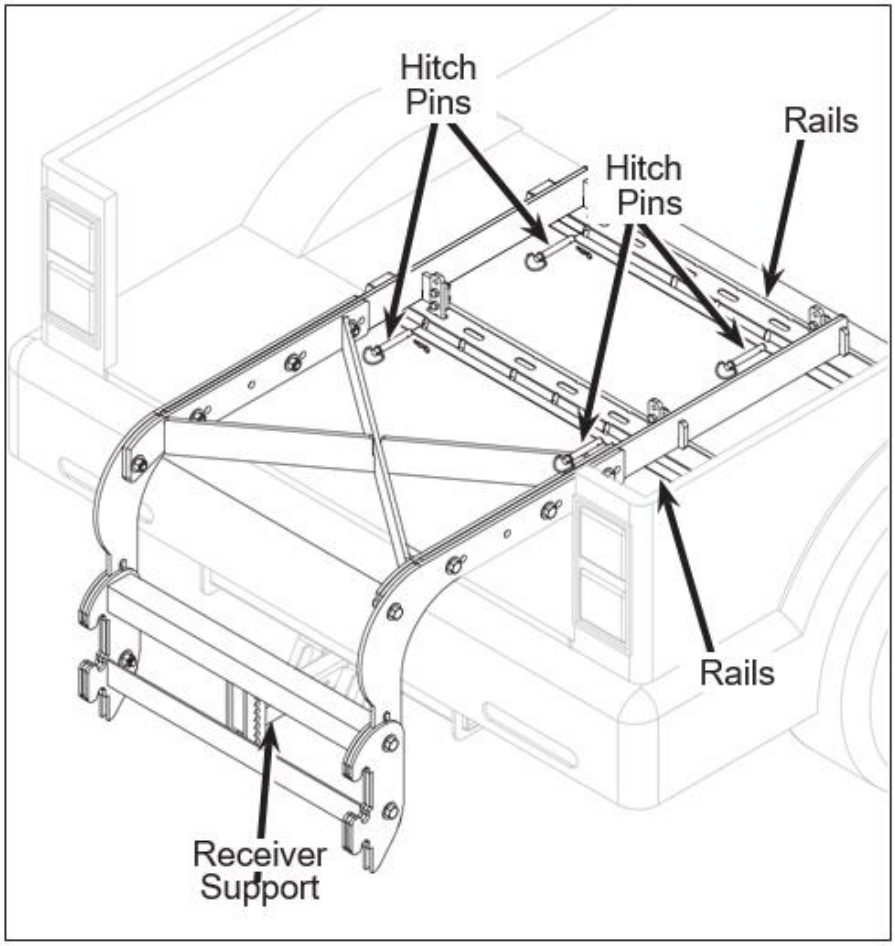
Note: If mounting the Anderson connecter inside the rear bed of the truck is desired, we recommend beginning installation of the wiring from the rear of the truck.

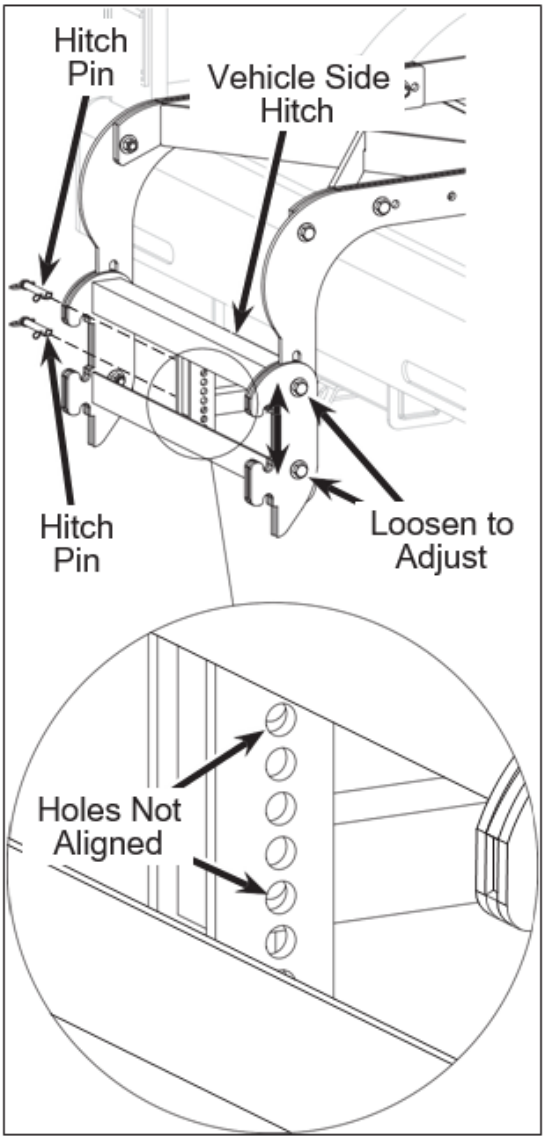
4 Determine the desired route for the wiring and feed the cable along route.
5 Secure power cable in position as routing. Taking care to not to damage the protective coating during the process
6 Once the cable is routed, position the breaker in desired position in the engine compartment and secure in place.
7 Connect the ground cable to the vehicle ground or negative battery post as preferred.
8 Connect the positive cables to the positive battery post.
9 Reset 200 Amp breaker on the power cable.

Proceed with installation and removal of plow per instructions provided in the Operator's Manual.

Comment:

With the plow attached to the vehicle, the common height range from center of the bottom vehicle hitch bolt and the ground is 18"-21" depending on style of vehicle and suspension system (19.5" is preferred). If too low, raise to at least the 18" minimum as anything lower increases the risk of damaging the plow. If too high, the ability to move snow is reduced.





Adjust Vehicle Side Hitch

