

1. Study the wiring diagram. Determine where to tap into vehicle's existing wiring. Ensure wires will not run close to hot mechanical components, chafe, or hang up on moving parts.
2. MOUNT BLADELIGHTS & SWITCH
  - a. Mount BladeLights on snow plow frame with the mounting stud pointing down.
  - b. Ground each BladeLight to the vehicle by firmly attaching the ring terminal on each white wire to bare metal.
  - c. Mount the included toggle switch in a suitable location inside the cab.
3. CONNECT PARKING LIGHTS AND TURN SIGNALS
  - a. Connect BLUE wire from each BladeLight to the front TURN SIGNAL on the same side of the vehicle.
  - b. Connect YELLOW wires from both BladeLights to the front PARKING circuit.
4. CONNECT HEADLAMPS
  - a. Connect the RED wires from both BladeLights to the left bottom terminal on the toggle switch.
  - b. Cut the vehicle's HIGH BEAM wire between the headlamps and the dimmer switch.

*Note: Toggle switch should be wired into the circuit wiring adjacent to the headlamps. Neither the BladeLights nor the vehicle's existing headlamps will function properly if the toggle switch is connected between the power source and any existing switches, indicators or controls.*
  - c. Connect the high beam POWER (hot) wire to the left center terminal on the toggle switch.
  - d. Connect the other end of the cut high beam wire (load) to the left upper terminal on the toggle switch.
  - e. Repeat these steps for low beam circuit. Connect the GREEN wires from both BladeLights to the right bottom terminal, low beam hot wire to the right center terminal, and load to the left upper terminal.
5. CHECK INSTALLATION
  - a. Inspect all electrical connections before turning on lights or starting vehicle. Insulate any exposed bare wires from contact with vehicle.
  - b. Turn on turn signal indicators. BladeLights and vehicle turn lamps should flash in unison.
  - c. Turn on parking lights. BladeLights and vehicle parking lamps should both illuminate.
  - d. Turn on headlamp switch. With toggle switch in up position, BladeLights should illuminate and vehicle headlights should not be lit. Dimmer switch should select BladeLights' high and low beams. With toggle switch in down position, vehicle headlamps should illuminate and BladeLights should not be lit. Dimmer switch should select vehicle's high and low beams.