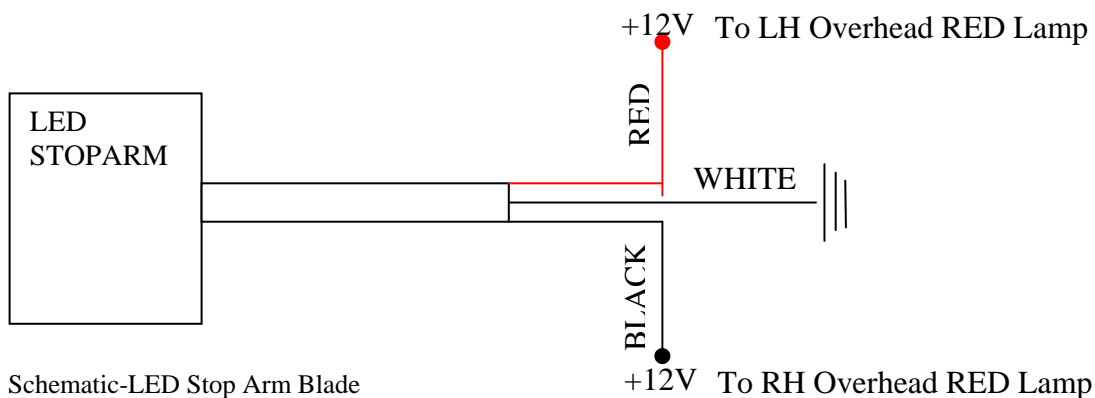


Specialty Manufacturing P/N 200 (LED equipped Stop Arm Blade) is designed to retrofit on all Specialty Manufacturing Stop Arm assemblies.

The Stop Arm Blade may be wired from either inside the bus or inside the Stop Arm assembly itself. The unit is designed for 12V applications. Each side of the sign has a current requirement of 0.1 Amp.

Note: The LED sign must be wired using the 8-way control bus flasher or an external flasher with a 50% duty cycle, otherwise damage to the LED circuit boards may occur.

1. Remove the Stop Arm cover and cut Stop Arm light leads inside the Stop Arm Base
2. Remove Stop Arm Blade
3. Install stud spacers (provided) onto outermost hinge studs.
4. Install LED Stop Arm Blade.
5. Install nuts and nylon washers on outermost studs first
6. Then install red tab cover and nuts on inner studs. Nylon washers prevent tearing of reflective sheeting.
7. Route wiring through existing grommet on Stop Arm Base.
8. On light leads cut in step 1, determine which leads are positive and which leads are negative or ground.
9. Connect white wire to ground.
10. Connect red lead from LED sign to one positive lead and connect black lead from LED sign to other positive lead.
11. If any of the negative leads from step one are not used, tape these leads up with electrical tape for insulation.



Schematic-LED Stop Arm Blade