



The purpose of the center high mounted stoplight (CHMSL) kit is to keep the spreader's host vehicle in compliance with federal motor vehicle safety standards (FMVSS No. 108). This kit is required for any application where the spreader installation obscures the original center high-mounted stoplight. The installer is responsible for compliance with all applicable standards.

## Mounting the Kit

1. Choose the location for the stoplight to be mounted. This location must be near the center of the vehicle and mounted as high as possible.
2. Use the template provided to mark the location of the mounting holes.
3. Drill two 5/32" diameter holes at the marked locations.
4. Attach the CHMSL to the mounting surface using two #6-32 x 3/4" machine screws and locknuts.

## Wiring the Kit

1. Plug the CHMSL vehicle harness connector into the stoplight connector and route the harness to the location of the OEM tap. If no OEM tap is provided, make sure to tap in after the first OEM splice from the stop light switch in the CHMSL circuit.

### **Always use the tap provided by the OEM**

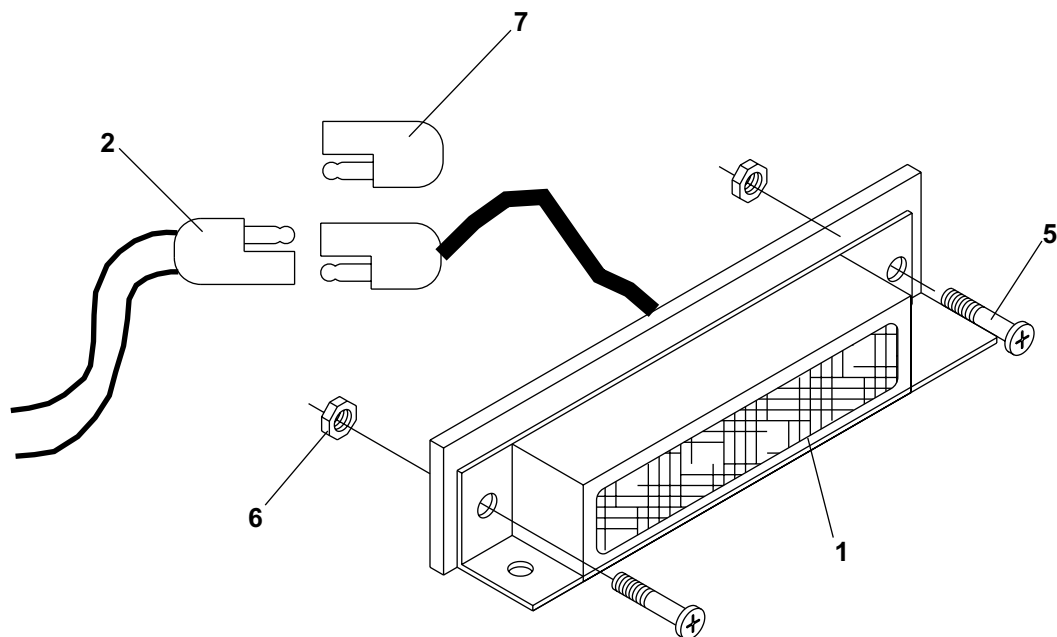
**manufacturer. DO NOT** splice the white wire into the wire coming off the stoplight switch by the brake pedal. Splicing at the stop light switch may affect transmission shifting, cruise control, or other vehicle functions.

(Check with the vehicle manufacturer or dealer to verify that the CHMSL circuit is capable of powering the extra 2 AMP load and for the location of the vehicle tap.)

If the host vehicle CHMSL circuit is not capable of powering the additional two amp load, use 63632 CHMSL Isolation Harness Kit.

2. At the CHMSL wire tap on the host vehicle, connect the CHMSL vehicle harness white wire, unless isolation harness kit is used, to the host vehicle CHMSL tap wire using the special butt splice provided.
3. Connect the CHMSL vehicle harness black wire to a good chassis ground.

## Center High Mounted Stoplight Kit Parts List



CHMSL Kit - 9486				Parts Bag - 9493			
Item	Part #	Qty	Description	Item	Part #	Qty	Description
1	9487	1	Stop Light	5	90693	2	6-32 x ¾ Machine Screw
2	9489	1	Vehicle Harness	6	90992	2	6-32 Locknut
3	3666	10	Cable Tie (not shown)	7	9490	1	Protective Plug
4	13658	1	Template (not shown)	8	8329	1	Dielectric Grease (not shown)
5	9493	1	Parts Bag (not shown)	9	5793	1	Butt Splice (not shown)

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