



Installation Instructions

Warning Light Kit (ASAE 279.10)

For Towed Implements less than 3.7m (12ft.) wide

NOTE:

Before starting installation, check contents of kit against bill of material to be sure all parts are included.

- 1) Mount the Electronic Module to the rear of the towed implement using the supplied screws, lock washers and nuts. Module may be mounted in any position but must be mounted to a flat, sturdy surface.

CAUTION: Check pin-out of your 7-pin connector on tractor. If it does not match pin-out of reference drawing on schematic (inside) please change accordingly.

- 2) Plug the 7-pin connector at the end of the wiring harness into the receptacle of the tractor, or position the connector in a manner where it will reach the receptacle if the tractor is not available. Route the 25-foot wiring harness along the underside of the towed implement, insuring the harness is secure and will not drag or be caught in any moving parts. Bundle any excess wire and secure to underside of towable using supplied tie wraps.
- 3) Attach (2) mounting brackets to the left and right sides of towable using supplied bolts, lock washers, and nuts. Brackets may be mounted in several positions, vertically or horizontally, to best suit the installation.

NOTE:

Brackets may not be needed if lamps can be mounted to towed implement in a secure and proper fashion.

- 4) Secure (2) Combination Lamps to brackets using supplied lock washers and nuts. **Positioning of lamps is important to meet ASAE 279.10 Specifications.**

Mount as follows:

-If lamps are mounted in a horizontal fashion, AMBER lenses must be to the outsides of vehicle.

-If lamps are mounted vertically, the Amber lenses are to be above the RED lens

Lamps are to be positioned between .6m and 1.0m (2-feet and 3.3-feet) vertically from the ground, and symmetrical, as wide as practical.

- 5) Route the 2 wire bundles (4 wires each) from the main harness to the lamp assemblies noting that "left" and "right" sides are marked on harness. Wires may be cut to proper lengths after insuring that the wire bundles are secure to the towed implement and provide for a comfortable connection to lamp leads. Next, strip wire ends from harness and splice to lamp leads using supplied "butt splices", matching color to color.
- 6) Remove the adhesive backing and apply (2) 2" x 9" red retro-reflective strips to the rear of towable. Strips must be mounted in a horizontal fashion, in line, and as near to the extremities of the towable as practical. Whenever possible, vertical position of the red retro-reflective strips shall be similar to that of the lamps.

NOTE: The triangular SMV (slow moving vehicle) emblem (not included in kit) must still be present on the vehicle, mounted between .6m and 3m (2-feet and 10-feet) vertically from the ground, and as centered, or left of center, and as near to the rear as practical

- 7) Finally, plug the connector at the end of the harness into the mating connector in the Electronic Module. System should now be ready for operation. Check all functions and trace all wire connections if any functions fail to operate.

NOTE:

If flashing lamps do not flash at the desired rate (lamps flashing at excessive rate denote overload situation of electrical system), may require Auxiliary Power Module, Speaker Model 6160, to be installed to handle additional lamp load.

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