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Installation Instructions
Warning Light Kit (ASAE 279.10)
For Towed Implements greater 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 the towed implement 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.
   - The RED tail lamps are to be mounted not less than 1.2m and not greater than 3m apart (4ft. and 10ft.) in a symmetrical manner.

5) Route both (3) wire bundles from the main harness to the combination lamp assemblies noting that "left" and "right" sides are marked on harness. The YELLOW and GREEN 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 (do not cut the BLACK wire at this time). Next, strip wire ends from harness and splice to lamp leads using supplied "butt splices".
   Splice as follows: GREEN to GREEN;
   BLACK to BLACK;
   YELLOW to WHITE

   NOTE: The BLACK GROUND wire has a splice. Connect the short (6") lead to the BLACK lamp lead. The long (10ft.) BLACK lead goes out to the double-faced warning lamp.

6) Mount the (2) Double-Faced Warning Lamps to the widest extremities of the towed implement. It will be necessary to drill (2) 1/2" diameter holes in the frame of the towed vehicle to mount these lamps. Lamps may be mounted in a horizontal or vertical fashion as follows:

   - Mount vertically between 1m and 3m (3.3ft. and 10ft.) from ground.
   - Mount horizontally within 400mm (16in.) of extremities, as symmetrical as practical.

7) Route the single YELLOW wires, along with the spliced 10ft. BLACK wires coming from the combination lamps, to the double-faced warning lamps at the extremities of the towed implement. Using the supplied butt splice connectors, splice the wires to the lamps noting that "LEFT" and "RIGHT" sides are marked.

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

IMPORTANT: Conspicuity materials (red, orange florescent, and yellow) must also be used, as well as the SMV (slow moving vehicle) triangular emblem to comply with ASAE Specification 279.10. These materials are not included with this kit. See your dealer for ordering of these additional materials.

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.