



VEHICLE STROBE LIGHT ASSEMBLY

Safety: transportation

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INTRODUCTION: Visibility is an important safety measure for any job. When accessing timber harvest sites it is imperative to be visible to all personnel, whether employees or visitors. Visibility when accessing timber sales is often limited, such as when the access is via an active ATV or snowmobile trail. Also, the timing of the access is often under low-light conditions—dawn or dusk. Those involved with timber sale establishment may be traveling on brushed-in, single-lane trails or roads. Equipment operators load and unload equipment in these same conditions.

To increase foresters' and equipment operators' visibility, the Wood Procurement Team at PCA's Tomahawk, Wisconsin mill have installed strobe light flasher kits on their pickups, moving tractors, and dump truck. Other industries, such as road construction contractors, wreckers, and municipalities have implemented this safety concept on their vehicles.



Fig. 1: The flasher kit assembly.

OPERATION: The flasher kit contains fast-speed strobe

lights, which increase vehicle visibility. These brighter strobe lights can be seen from a greater distance, offering increased visibility and safety for the vehicle operator. The effect increases when snow cover magnifies the reflection.



Fig. 2: The assembly turns a truck's headlights and taillights into a safety strobe.

The system contains four lighthoods, shielded cord, and a power supply. The installation requires a one-inch cut-out in the vehicle signal lamp. A toggle switch (purchased separately) mounted in the cab activates the bulbs when desired. Most manufacturers offer selectable flash patterns.

COSTS: There are several kits available from a variety of manufacturers. The four-lamp system described above is the Hide-away system (model 92845) and costs \$400.¹ Installation time is approximately four hours.

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¹ Price subject to change without notice.