



# Specialty Manufacturing, Inc.

## Technical Bulletin

### Merge Alert

### Installation Instructions

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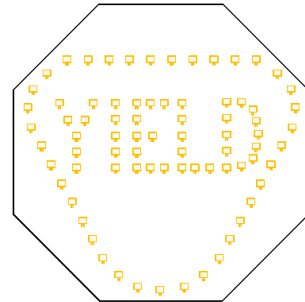
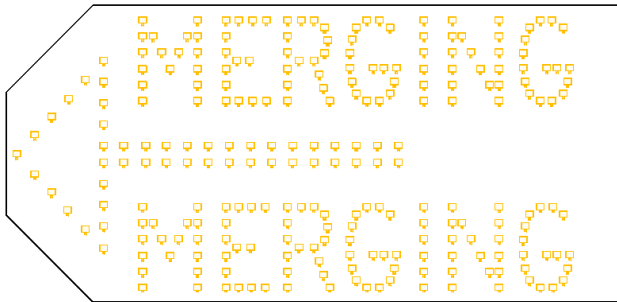


# Merge Alert Installation Instructions

**Purpose:** This Technical Bulletin is to provide correct installation instructions of the Specialty brand “Merge Alert” sign .

**Description:** When installed correctly, the messages on the system will flash and alternate with:

- The top “MERGING” message and the “YIELD” sign will display at the same time while the rest of the system is off.
- The bottom “MERGING” and “flashing arrow” will display.



- When installed correctly, the unit will operate whenever the left turn signal switch is activated, and the off override switch is not activated.

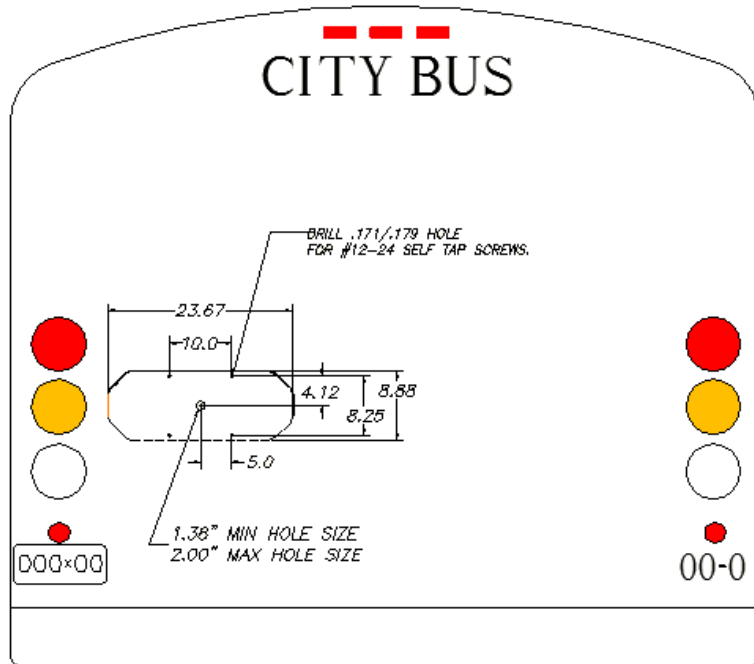
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## Installation:

- Drill holes on the rear of the bus as indicated in drawing below.



- Use the screws provided with the product for mounting. If replacing is necessary, use only #12-24 self tapping screws. Tighten the screws to maximum of 20 in-lbs.
- **CAUTION: Use of any other screw size/type will void the product warranty.**

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- Install wiring from the unit as follows:

Red – Ignition (12V DC)

Black – Ground

Blue – Left Turn Signal (after the switch – before the flasher ) **NOTE:** If the blue wire is connected AFTER the flasher, the unit will NOT work.

Blue with White stripe – Normally Closed Override Switch (Off override switch - the purpose of the normally closed override switch, is to allow the bus driver to turn the “Merge Alert” off (or inhibit its operation) under certain circumstances when it may not be needed. An example of this is when the bus is actually turning left, not merging into traffic.)

## Maintenance:

- Clean with soap and water with a soft towel or sponge
- Do not use any solvents or abrasive agents.

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| Rev. Level | Rev. Date | Details |       | Description of Change |
|------------|-----------|---------|-------|-----------------------|
|            |           | Page    | Para. |                       |
| A          | 3/19/2012 | ALL     | ALL   | INITIAL RELEASE       |
|            |           |         |       |                       |
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