



# INSTALLATION & MOUNTING GUIDE

For Your NVIZN™ Identification Display

## Mounting Instructions:

**\*\*Excluding Message Display which may require additional wiring extension\*\***

1. Do not arc weld directly to the Identification Display frame or to any component attached to the display. If arc welding is necessary, display must be removed from equipment and not be in contact with the welding area.
2. Displays have either 1/4" or 3/8" bolts depending on the style chosen
  - a. Bolts may be removed to use existing holes to mount VID directly to equipment  
(NOTE: Any modification of the sign is not suggested)
3. Brackets & Hardware are available for every style of identification display
  - a. Custom Brackets are available for each display upon request

NOTE: Mounting of Display will vary depending on the vehicle & may require customization specific to your requirements. Installation must be done by a qualified technician.

## Power:

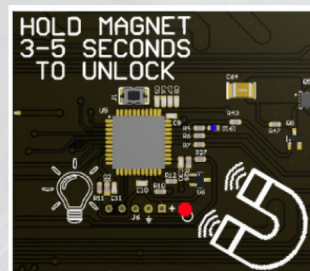
**\*\*Excluding Message Display which may require additional wiring extension\*\***

4. Each display unit comes with a complete Deutsch Connector assembly (pig tail for truck end is also included)
  - a. Power Supply (110VAC/277VAC) cords & extensions are available if needed
5. A dedicated power source is highly recommended
6. Depending on which display you ordered, NVIZN™ display models accept 10-30VDC or 24VDC.
  - a. Make sure your system delivers the full appropriate voltage to the display. Excessive or insufficient electrical loading will result in malfunction.

## Setting Vehicle Number/Letter:

**\*\*FOR PROGRAMMABLE DISPLAYS ONLY\*\***

7. Each of the digits can be changed individually by holding the provided magnet over the internal switch for approximately 3-5 seconds to enter digit programming mode. The digit will shut off, then once the magnet is removed, it will begin flashing rapidly indicating that it has entered programming mode. You may now wave the magnet over the sensor to scroll through the digits "0-9 & blank" until the desired digit is reached.



8. Once the digit has stopped flashing, the number has successfully been programmed into the display's memory.
  - a. Digits are not affected by power on/off, altitude, temperature, or frequency.
  - b. Digits will only change with use of magnet – Controller Box available upon request

- a. The location of the internal switch is positioned near the internal magnet symbol & a colored dot which denotes the color of the digit in the display.
- b. It is not necessary to touch the magnet to the surface of the display to change digits; it is suggested to keep the magnet approx. 1/4" away from the lens' surface.