INTEGRATED INTERNAL CANBUS SYSTEM REPLACEMENT BULBS

HEISE LED LIGHTING SYSTEMS

CELEBRATING 70 YEARS OF INNOVATION

HE-CT10W/HE-CT10A/HE-CT10R

HE-CT15W/HE-CT15A /HE-CT15R

HE-C1156W/HE-C1156A

HE-C1157W/HE-C1157A

HE-C3156W/HE-C3156A

HE-C3157W/HE-C3157A

HE-C7440W/HE-C7440A

HE-C7443W/HE-C7443A

INTEGRATED INTERNAL CANBUS
SYSTEM REPLACEMENT BULBS

SALES
386-257-2956

T10

HE-CT10W	White
HE-CT10A	Amber
HE-CT10R	Red

T15

HE-CT15W	White
HE-CT15A	Amber
HE-CT15R	Red

1156

HE-C1156W	White
HE-C1156A	Amber

1157

HE-C1157W	White
HE-C1157A	Amber

3156

HE-C3156W	White
HE-C3156A	Amber

3157

HE-C3157W	White
HE-C3157A	Amber

7440

HE-C7440W	White
HE-C7440A	Amber

7443

HE-C7443W	White
HE-C7443A	Amber

PRODUCT OVERVIEW

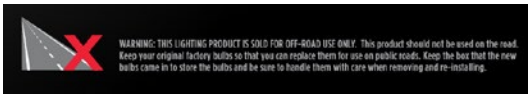
These new LED lights have a significantly brighter output and longer bulb life than traditional filament bulbs. For easy installation, the lights have an integrated CANBUS system that prevents a “bulb out” warning or hyper flashing when replaced in vehicles with a smart monitoring system. The bulbs will be available as a two-pack in white, amber and red LEDs for a variety of sizes that will fit fog, running, reverse, brake, turn signal and license plate lights. The replacement bulbs may also fit some interior light applications and produce truer color temperatures than filament bulbs.

- **Anti-hyper flash built-in**
- **Lumens: 1300lm**
- **Reverse polarity protection**
- **Voltage: 10V – 30V**
- **LED lifespan: 10,000 hrs**
- **Application: turn signal lights, reverse lights & brake lights**

HE-LR LOAD RESISTORS

When upgrading accessory bulbs on newer vehicles, it is important to balance the circuit so that the replacement LED bulbs are not miss detected as blown. This issue is caused by the reduced current draw and circuit load that the LED present to the system compared to the factory filament bulbs. If this error occurs, some of the common issues that appear are a bulb out warning light on the dash, a check engine code, hyper-flashing, and in some cases no light output due to the vehicle shutting down power to the circuit. All of the replacement bulbs in the Heise line have special circuitry to prevent these issues from occurring; but due to the variety of requirements by different vehicles, occasionally additional parts are needed to balance the circuit.

Accessory replacement bulbs can use load resistors (HE-LR) to balance the circuit. They are installed across the positive and negative leads of the light bulb, and between the vehicle and the replacement bulb. The load resistor is not directional and can be installed either way. Depending on the requirements of the vehicle it may be necessary to install one load resistor per circuit, or one load resistor per bulb. Please note that load resistors can become hot during use and should be mounted to a solid metal surface to prevent damage to wires or plastic parts.



WARNING:
Cancer and Reproductive Harm
www.P65Warnings.ca.gov.