



## Custom Dynamics® Red LED Mini Rear Turn Signals Installation Instructions

We thank you for purchasing the Custom Dynamics® Red LED Mini Rear Turn Signals. Our products utilize the latest technology and high quality components to ensure you the most reliable service. We offer one of the best warranty programs in the industry and we back our products with excellent customer support, if you have questions before or during installation of this product please call Custom Dynamics® at 1(800) 382-1388.

**Part Numbers:** CD-MINI-TS-B-R

### Package Contents:

- Red LED Mini Turn Signal (Pair)
- Turn Signal Converter Harness (2)
- Mounting Nut (2)
- Star Washer (2)
- JAE Connector (2)
- Thread Locker (1)
- Solder Heat Shrink Connectors (8)

**Fits:** Universal; 12VDC systems with a negative ground. Mounts with M10 1.5 x 14mm mounting stem.



### **Installation:**

1. Please read the information in the "Attention" column before beginning installation. Determine desired place to mount the Red LED Mini Rear Turn Signals.
2. Carefully unpack Red LED Mini Rear Turn Signals from the package, careful not to pull on any wires or damage the surface.
3. Guide the wires through the provided Star Washer. 10mm mounting hole and then the provided nut. Apply thread locker and ensure the desired angle of the housing is correct before tightening.
4. Install the provided JAE connectors onto the pre-pinned wires from each Red LED Mini Rear Turn Signal by pushing the pins into the connector ports according to Photo 1 (locking tab oriented at top of JAE connector):
  - Port 1 = Red
  - Port 2 = Blue
  - Port 3 = Black
  - Port 4 = Brown or Purple
5. Pins should snap in place and not pull back out of connector when installed correctly.
6. Connect the JAE installed on the Red LED Mini Turn Signal to the female JAE connector of the provided Turn Signal Converter Harness.
7. Route both wiring harnesses to the point of termination, use the vehicle's wire harness to attach to with the provided tie-wraps. Make sure wiring does not come in contact with any moving or high heat parts. Ensure wiring cannot be pinched, cut or frayed.



Please read all Information below before Installation

**Warning:** Disconnect negative battery cable from battery; refer to owner's manual. Failure to do so may result in electrical shock, injury or fire. Secure negative battery cable away from positive side of battery and all other positive voltage sources on vehicle.

**Safety First:** Always wear appropriate safety gear including safety glasses when performing any electrical work. It is highly recommended that safety glasses be worn throughout this installation process. Be sure vehicle is on level surface, secure and cool.

**Note:** Some wiring knowledge is required for this installation. Consult your vehicle detailed service manual for wiring information and color codes. Use a meter or test light to verify wiring before tapping any vehicle wiring. If the steps contained within are beyond your skillset, do not attempt installation, contact a qualified mechanic or dealership to assist you.

**Note:** Depending on vehicle and application you may experience fast flashing or no flashing from your turn signals after installation. If so, a load equalizer or Signal Stabilizer™ is recommended. Contact us for details.

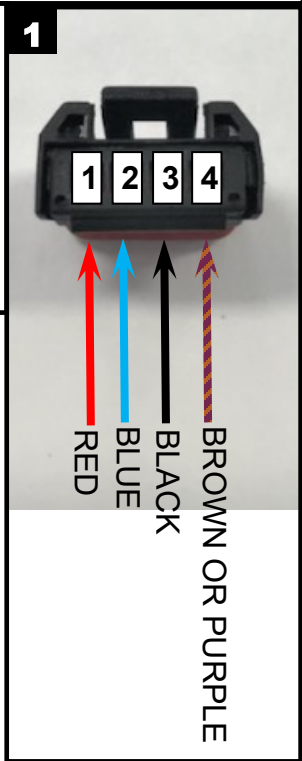
**Note:** Standard turn signal is DOT/SAE compliant, sequential turn signal is for auxiliary use only.

Questions? Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

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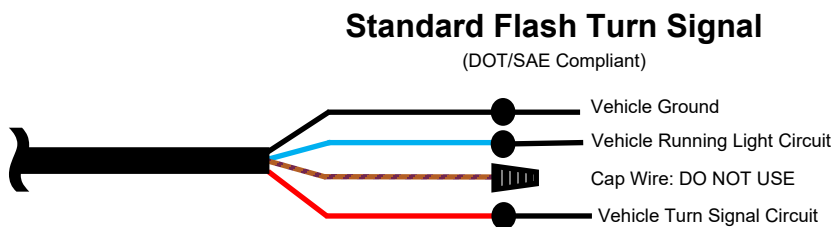
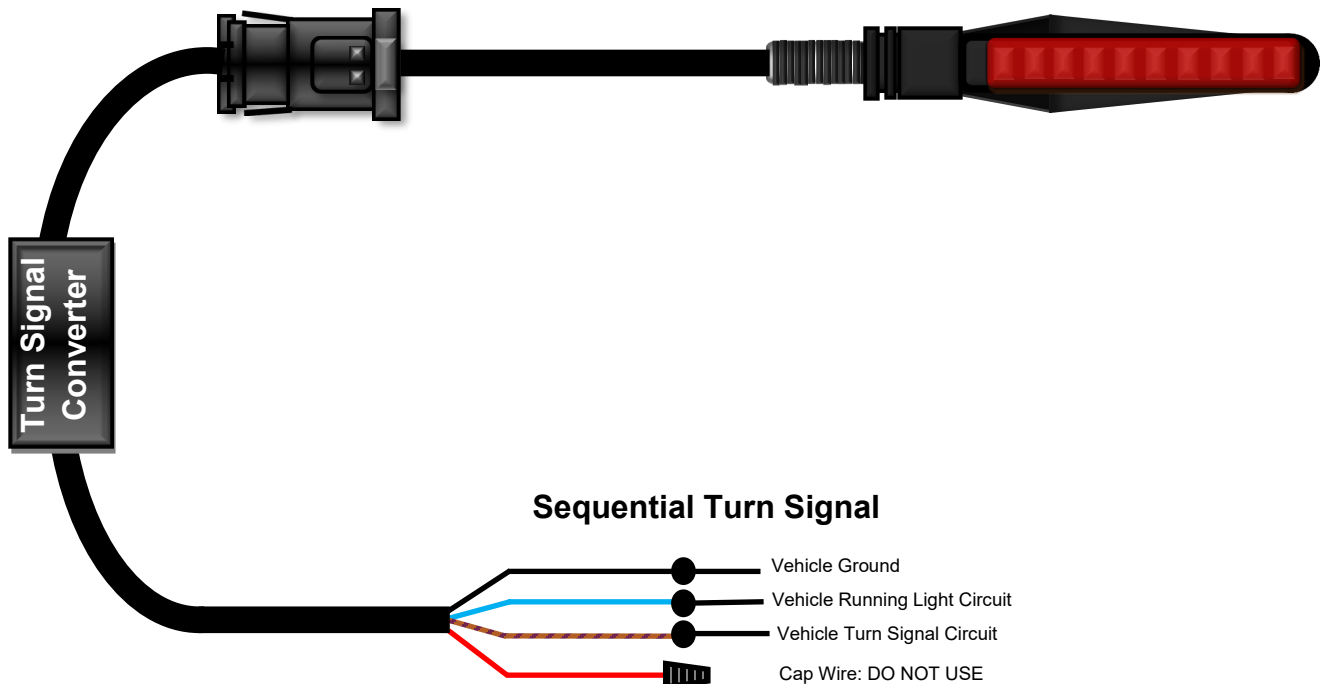
## Installation Continued:

- Using the provided Solder Heat Shrink Connectors, terminate the wires from both Red LED Mini Turn Signals to the vehicle lighting harness. Turn signals will operate as either Solid Flash or Sequential for turn indication. Refer to the wiring diagram below.
- Test all lighting for proper operation in run, brake, and turn modes.



### Symbol Legend

- Black (Ground)
- Blue (Running Light)
- Purple or Brown (Sequential Turn Signal)
- Red (Solid Flash, DOT Compliant, Turn Signal)
- Connection Point
- ▬ Wire Cap (Wire Nut or Heat Shrink)



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