

Normal LED Operation

During Normal Operation the MC Device will indicate its status with it's LEDs. The meaning of the LEDs during normal operation is as follows.

- Red LED – Indicates the device is operating.
Off: Device is in sleep mode
On: MC is powered on and operating
- Yellow LED – Indicates GPS Status.
Off: GPS is Off
1 Hz Blink: GPS On and Acquiring Satellites
Solid: GPS Fix Acquired
- Green LED – Indicates Cellular Modem Status
Off: Modem is off
1 Hz Blink: Modem is on and attempting cellular connection
Solid: Modem Connected (Cellular Connection Active)

Congratulations your Device is now installed. If you have any questions please feel free to contact your sales representative

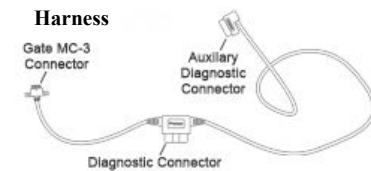
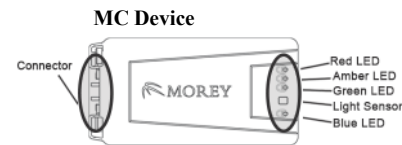
Temeda MC Device Quick Start Guide

The purpose of the Quick Start Guide is to provide guidelines for installation of your MC Device. Please note that every installation will vary based on the installation methodology (covert or non-covert) and the type of vehicle. In every installation there should be 3 major steps.

1. Installation Material Check
2. Investigating the Installation Environment
3. Installation of the MC Device

Installation Material Check

Please take a moment to verify that the MC came with all of the materials listed below.



Alcohol Wipes



**Velcro Tape Strips (2)
VHB Double Faced Adhesive (2)**



**Cable Mounts (2)
Screws (2)**



Zip Ties (2)



Temeda MC Device Installation Entry Form	
MC Device Serial Number	
Company/Account Name	
Vehicle Name/Number	
Asset Year	
Make	
Model	
Color	
VIN	
TAG #	
Install Location of Device	
Case # (If Available)	

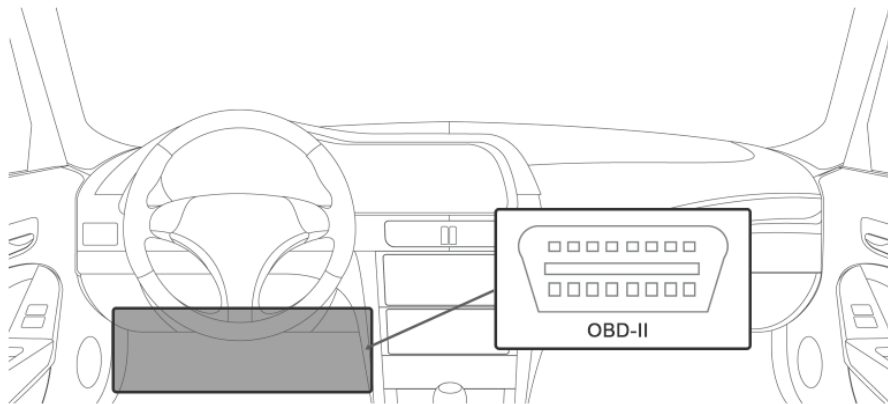
Investigating the Installation Environment

The routing of the harness and the resting place of the MC device are of highest importance. There are 2 major things to consider while investigating the installation environment.

1. Determine the location of your assets diagnostic port. (see image below)
2. Installation Location/Orientation: **Firmly Fixed** with **No Metal Above** and either **Vertical** with the LEDs pointed to the sky or **Horizontal** with the word "Morey" pointed to the sky.

Locate the diagnostic port on your vehicle

The diagnostic port is located in the vehicle's cabin within 2'(24") of the steering column. In most cars this is the driver's foot well or just below the steering wheel.

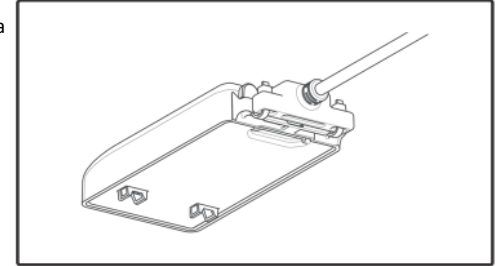


Installing the MC Device

During installation, the MC device must be able to get a GPS fix, and acquire a cell signal. The optimal environment requires a **Clear View to the Sky**.

1. Insert the MC connector into the MC device.
2. Use the yellow tamper evident zip ties to secure the harness to the device.
Note: The slits in the harness and MC device are designed for zip ties.
3. Route the harness from the device to the diagnostic port. Do not plug it in.
Note: Ensure the harness does not impair the drivability of the vehicle and avoid any sharp bends or kinks in the harness.
4. Turn on the asset
Note: The asset must be powered on for the device to be installed properly
5. Insert the diagnostic connector into the OBDII port in the vehicle
Note: The asset must be powered on (ignition on) prior to this step. If this is not done disconnect the harness from the vehicle, wait two minutes, and then return to step #4.

6. The MC Device will now go through a power on self-test. The test has 4 phases during which the status will be indicated by the 4 LEDs. Please note that each stage can take multiple minutes and, in total, this step can take up to 12 minutes. The stages are as follows.



- a. On power up, the Red LED will turn solid to indicate the device has power. If this does not occur, call your sales representative
- b. Once powered on, the Yellow LED will begin to blink slowly (1 Hz). This indicates the device is searching for GPS. If the Yellow LED turns solid, GPS fix has been acquired. If the Yellow LED blinks fast (5 Hz), the device failed to get a GPS fix.
- c. On Completion of the GPS test, the Green LED will begin to blink slowly (1 Hz). This indicates the device is searching for Cellular Connectivity. If the Green LED turns solid, a cellular connection is established. If the Green LED blinks fast (5 Hz), the device failed to get a cellular fix.
- d. On Completion of the cellular test the Blue LED will begin to blink slowly (1 Hz). This indicates the device is searching for Vehicle Bus Connectivity. **If the Blue LED turns solid, a Vehicle Bus Connection is established.** If the Blue LED blinks fast (5 Hz), the device failed to connect to the Vehicle Bus. **If this happens, please unplug and re-plug the MC-3 and make sure that the vehicle is turned on.**

Note: If the ignition is on and the vehicle bus scan fails, do not install the MC device with a diagnostic harness; instead use a 3-wire harness.

7. Secure the MC device with the materials provided. For proper operation the device must be Firmly Fixed with No Metal above it. The VHB (red tape) is recommended for permanent installations and the 3M Velcro tape is recommended for semi-permanent installations
Note: If using adhesive, make sure the surface is clean, flat and above 50° F
8. Use the black zip ties to secure excess harness length. Do not let the harness impair the driver.

