

“Green Engineering” Seeker GPS Options

The following “Green Engineering” Seeker GPS components are available. Each package can be purchased individually.

“GE” MCA - Serial GPS & No Wi-Fi P/N 2011029104



“GE” Mobile Communications Adapter



Serial Data Cable
“GE” MCA to “GE” Mobile Mount



Cable Clamp & Screw



Mounting Screws (x 2)

This “Green Engineering” MCA module includes the following features:

Serial GPS connection to a GPS receiver.

Receives measurement data from the Seeker and related GPS coordinates from a GPS receiver.

Uploads measurement data and GPS coordinates to the Seeker for interim storage and transfer to the Leakage Analysis Workshop (LAW) server via a standard internet connection.

“GE” MCA - Serial GPS & Wi-Fi P/N 2011029105



Mobile Communications Adapter



Serial Data Cable
“GE” MCA to “GE” Mobile Mount



WiFi Antenna



Cable Clamp & Screw



Mounting Screws (x 2)

This “Green Engineering” MCA module includes the following features:

Includes the same features as the “GE” MCA shown above as well as a Wi-Fi module for wireless data uploads.

Uploads measurement data and GPS coordinates to the Seeker for interim storage and transfers to the Leakage Analysis Workshop (LAW) Server via a standard internet connection.

OR

Automatically uploads measurement data and GPS coordinates to the Leakage Analysis Workshop (LAW) server via a secure Wi-Fi hotspot or to fleet management system wireless hardware.

Serial GPS Receiver P/N 2071707000



Serial (RS-232) GPS Receiver



Pole Mount



Magnetic Mount

This GPS receiver includes the following features:

Serial GPS connection to the “GE” MCA.

12-channel receiver continuously tracks satellites to determine your precise location within 3 meters.

Rugged waterproof design to withstand the elements, and it can be pole mounted or magnetically mounted.

Items Included with the Seeker

The complete Seeker Leakage Detector Kit includes the following items.

Seeker Leakage Detector P/N 2011073101



Seeker Assembled View



Seeker Leakage Detector



Rubber Duck Antenna



“Green Engineering” Mobile Mount & Arm
(Includes Hex Nuts x 3)



Mobile Mount DC Power Cable



AC Travel Charger & USB Data Cable

Seeker & Seeker GPS Installation Guide

1 Install the Seeker "Green Engineering" Mobile Mount & "GE" Mobile Communications Adapter (MCA) in your vehicle*.

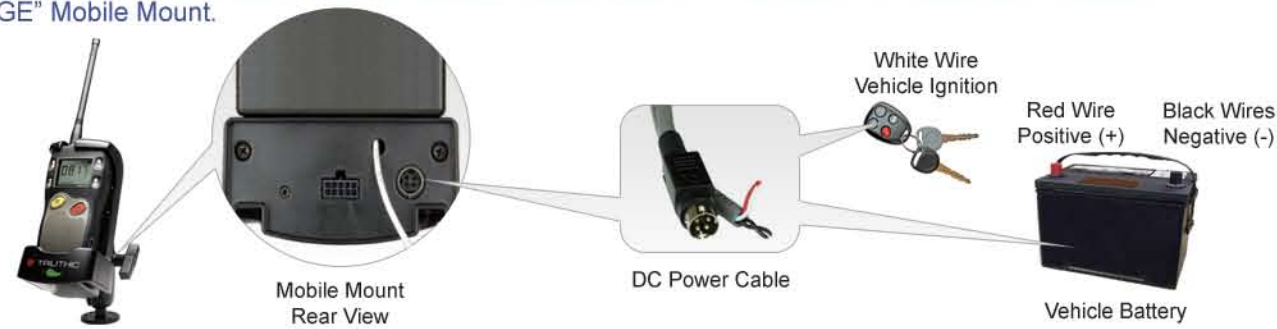


Before installation, see the Seeker & Seeker Setup Operation Manuals to configure the Seeker & "GE" Mobile Communications Adapter (MCA).

4 Connect the Seeker "GE" Mobile Mount to the "GE" Mobile Communications Adapter (MCA).



2 Wire the DC power cable to the vehicle power source and then connect it to the back of the Seeker "GE" Mobile Mount.



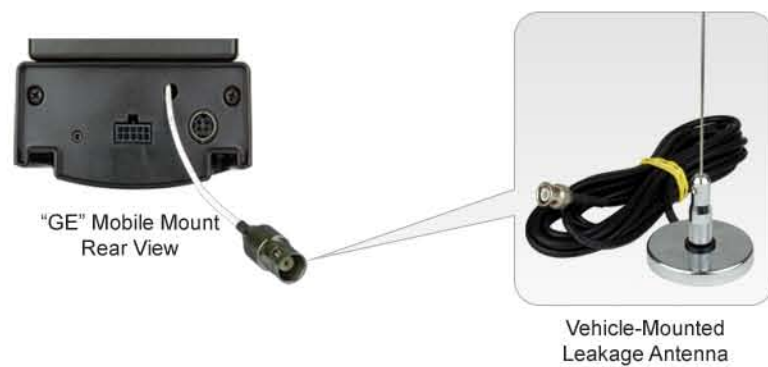
** Wire the red DC power cable to the vehicle battery. Wire the white DC power cable to the vehicle key switch to allow the "GE" MCA to determine when the vehicle is turned OFF.*

5 Connect the GPS receiver to the "GE" Mobile Communications Adapter (MCA)*.



** When installing the serial RS-232 connection take care in inserting and removing the connector into the "GE" MCA to prevent damage between the wire and connector.
** Remove the screw and cable clamp from the top of the "GE" MCA. Place the cable clamp around the wire and screw the cable clamp to the "GE" MCA as shown to prevent any vibration or stress that may damage the connection between the wire and connector.*

3 Connect the Seeker "GE" Mobile Mount antenna connection to the vehicle antenna connection.



6 Connect the Wi-Fi antenna to a Wi-Fi equipped "GE" Mobile Communications Adapter (MCA).



think ahead.

 TRILITHIC