



vMax Pulse Sender Install Guide



© Seon Design Inc. | November 2016 | All rights reserved.
www.seon.com Part Number: 700-1055 R2

Installation Kit Contents

- Pulse Sender
- Sender Power/Signal cable 060-1048
- Camera Power Extension cable 060-1010
- Mounting Screws
- Installation Guide

Tools Required

- 5/16" hex drill socket
- 5/32" diameter drill bit
- Power drill
- Marking pen

1. Record Serial Number

IMPORTANT: Serial Number

Accurately copy the serial number on the sender face into the following list. Add the assigned vehicle as well. If you need more space use another sheet of paper for the list. These numbers are needed for adding the sender and vehicle to the vMax Pulse website, as described in the *vMax Pulse Receiver Install and Setup Guide* (700-1065).

NOTE: Please ensure you provide the information in the following list to your Pulse Administrator.

Pulse Box S/N (16 characters)	Assigned Vehicle

2. Sender Installation

1. Choose a location:
 - within 8' cable distance of the DVR
 - visible to the windshield for the device to transmit signal.
 - optional: inside a fiberglass cabinet
 - NOT inside a metal cabinet
 - out of the way of unintentional access
 - at least 8" inches away from the driver

WARNING: RF Exposure

A separation distance of 7.875" (20 cm) or more should be maintained between the antenna of this device and persons during device operation.

Location examples:

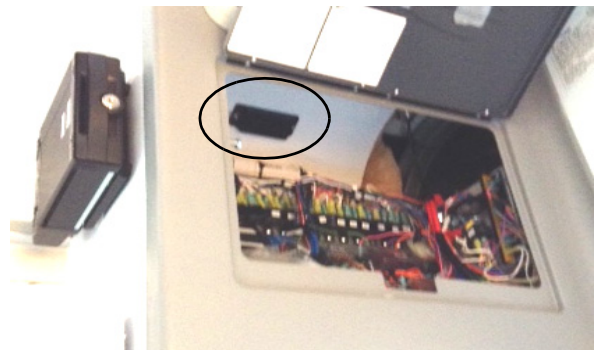
Dashboard inside windshield, door side



Above windshield door side



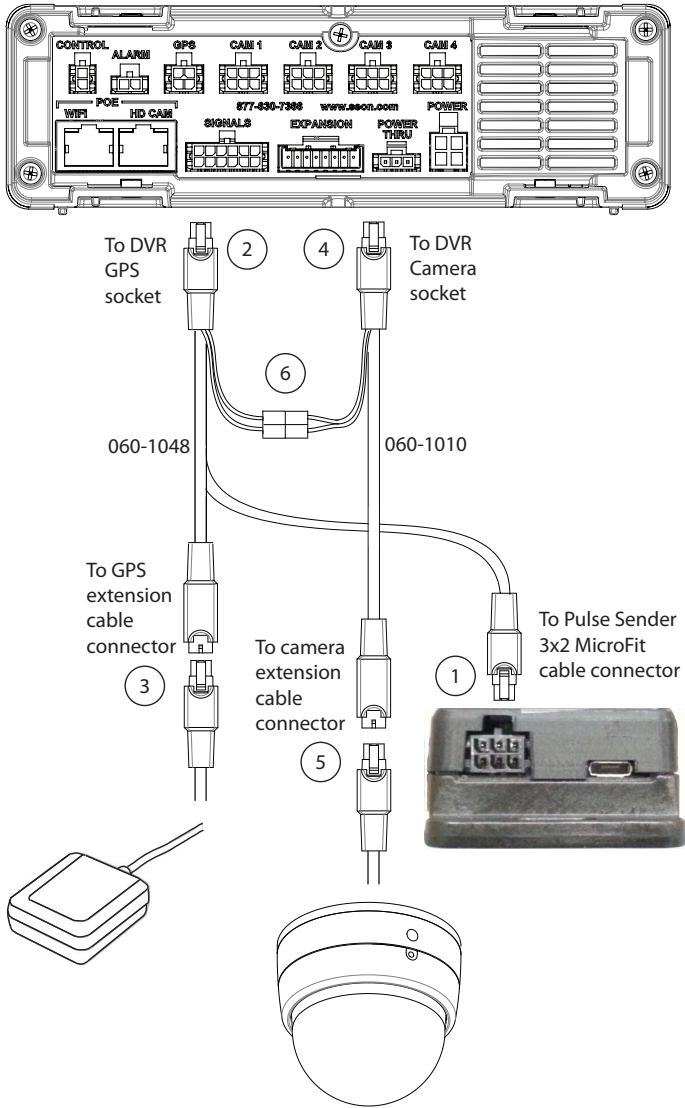
Inside fiberglass (NOT metal) wiring cabinet



2. Allow room to access cable connections and clearance for the antenna.
3. Drill the two (5/32" diameter) screw holes.
4. Thread the screws and tighten to 4.4 lb-in (0.5 N.m) torque.

3. Sender to DVR Connections

Connect the Seon Pulse sender to the DVR components as shown below.



1. With vehicle power off, connect the single male 2x3 MicroFit end of the power/signal cable to the 2x3 socket on the side of the sender.
2. Run the cable to the DVR and connect the male 2x2 MicroFit to the GPS port on the DVR or on the Smart-Link, if connecting to DX or MX DVRs.
3. If there is a GPS device plugged into the socket, unplug it and plug it into the female 2x2 port on the power/signal cable.
4. Connect the male 2x3 MicroFit to an available DVR camera port.
5. If all camera ports are used, disconnect a camera and plug it into the female 2x3 port on the Camera extension cable.
6. Connect the 2x1 MicroFit from the camera extension cable to the 2x1 MicroFit on the power signal cable.
7. Power on the vehicle and verify the Pulse Sender LEDs are lit.
8. In the DVR Configuration > Record menus, confirm that the DVR Record On Delay time is set to 30 seconds or higher.

See the DVR Install and Setup Guide for details.

4. LEADS



WLS	Green - Pulse receiver in range (receiver's radio signal detected)
GPS	Green - GPS is connected (Off when GPS is not included with the vehicle)
DVR	Green - DVR is detected
PWR	Yellow - Power On (from the DVR's camera port)

5. Specifications

Power Consumption	0.6 W max. @ 12 VDC
Operating Voltage	12 VDC
Operating Temperature Range	-40 to 140°F (-40 to 60°C)
Enclosure Size, LxWxH	4 1/2" (114 mm) x 1.13/16" (46 mm) x 15/16" (49 mm)
Enclosure Material	Plastic

Service

If your vMax Pulse system is to be returned to Seon Design for service, please call toll free 1-877-630-7366, or 604-941-0880, and provide the model and/or serial number of your unit. Ask for a Return Authorization (RA) number. An RA number allows the Service Technicians to better track your product when it comes in for service. Please show the RA number on the outside of the package.

ANY PRODUCT SENT TO SEON DESIGN WITHOUT AN RA NUMBER MAY BE REFUSED.

Warranty

For full warranty information, go to www.seon.com/warranty.html. Information in this guide is subject to change without notice.

Customer Service Contact Information

Toll free telephone 1-877-630-7366	Local telephone 604-941-0880
Email: service@seon.com	Web: www.seon.com