Power On and Test

1. Turn on accessory power to the vehicle.
2. Put the vehicle in reverse gear.
   During normal operation, the monitor only turns on when the vehicle is shifted into reverse.
   If the monitor fails to turn on when power is applied, confirm power connections. Disconnect and firmly reconnect the LCD Monitor cables.
3. For installations with video recorder integration, configure the recorder as shown in the RVS *Recorder Configuration Guide* (700-1103).
4. Adjust the camera view so that the bumper of the vehicle is just visible across the bottom edge of the monitor, as shown.

5. Refer to the camera installation guide for details on closing and fastening the camera once it has been aimed.
6. Turn off accessory power to the vehicle.

LCD Monitor Configuration

For information on custom monitor settings, see the *Rear Vision Monitor Quick Install Guide* (700-1107)

Related Documents

For full product details, and access to our Document Library, please visit the Seon Community Web site:

https://community.seon.com

If you do not have access credentials, please contact Customer Service.

Customer Service

- Service: **1.844.899.7366**
- General Enquiries: 1.877.630.7366
- Email: service@seon.com

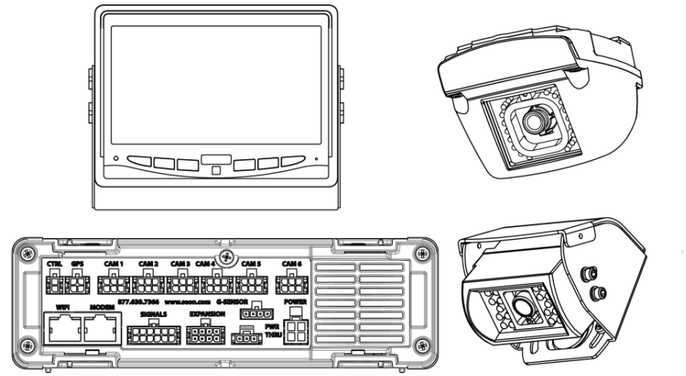
If your RVS device is to be returned, please contact Customer Service, and provide the model and/or serial number of your unit. Ask for a Return Merchandise Authorization (RMA) number. An RMA number allows the Service Technicians to better track your product when it comes in for service. Please show the RMA number on the outside of the package. ANY RETURNED PRODUCT WITHOUT AN RMA NUMBER MAY BE REFUSED.

Warranty

For full warranty information, please visit:
http://www.seon.com/documents/Seon-Warranty.pdf

Rear Vision System Installation Guide

for Standalone and Video Recorder Integration



Introduction

The **Rear Vision System** (**RVS**) for vehicles enables the driver to see the camera output on a dash-mount monitor whenever the reverse signal is triggered. The video feed can be mirrored with monitor settings.

This document covers physical installation of RVS hardware components. The RVS can be installed in two ways:

- **Standalone**: the RVS is powered from the vehicle, and displays on the dashboard monitor without passing through the recorder; **RVS video is NOT recorded**.
- **Recorder Integration**: Using a recorder camera socket, RVS camera video runs through the video recorder before appearing on the monitor. **RVS video, events, and alarms are recorded.** For details on setting up a recorder for RVS integration, see the RVS *Recorder Configuration Guide* (700-1103).

Note: High definition camera views cannot be displayed on the monitor.

When installed, RVS typically operates as follows:

- The monitor is usually OFF (dark)
  The monitor only turns ON when the vehicle is put into reverse gear (REVERSE signal is applied)

Important: **When the vehicle ignition is turned on, the recorder may require approximately one minute to boot up before video from the rear view camera appears on the dashboard monitor**.

System Installation Components

CA or RVC400 camera - including bracket (660-1072) and hardware kit (020-1043)	75’ Camera extension cable (060-1094) Camera cable adaptor for retrofit (060-1095)
7” Monitor (080-1059), including sunshade (665-1020), bracket (660-1073), and hardware kit (020-1042) Rear Vision Monitor Quick Install Guide (700-1107)	20’ Video extension cable (HE1HD) * Monitor power and connector harness (060-1096) RCA cable adaptor (060-1102)
Expansion harness for TH4/TH6/HX/NX (060-1059) * Expansion harness for TL-HD (060-1014) *	Monitor diode kit (020-1045)

**Components not required for standalone installations*

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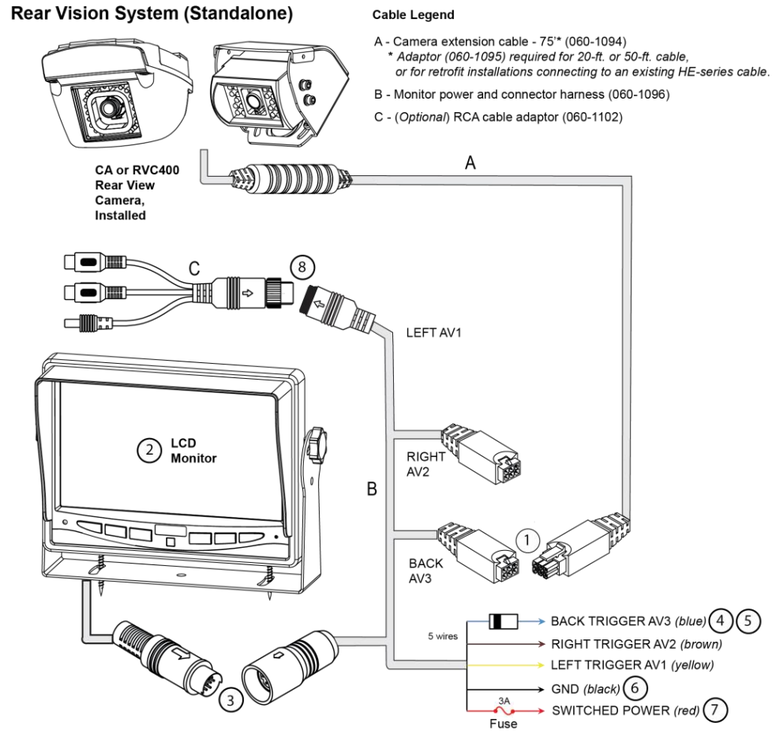
Monitor and Camera Connections (*Standalone*)

Use the following image and steps to connect the monitor and camera:

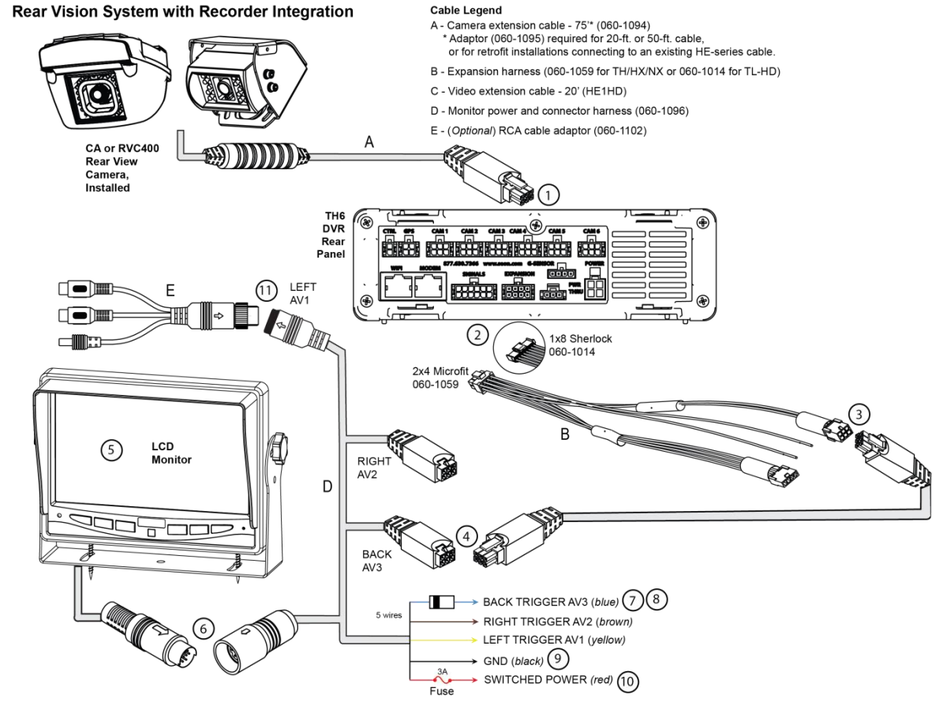


Once the camera is installed according to its installation documentation:

1. Connect the 2x3 Microfit connector on cable **A** to the **BACK AV3** Microfit socket on cable **B**.
2. Install the monitor bracket and mount the monitor on the dashboard.
   For details, see the *Rear Vision Monitor Quick Install Guide* (700-1107).
3. Connect the monitor output from cable **B** to the monitor input cable.
   Verify that the arrows on the connector ends are aligned.
4. Connect the **BACK TRIGGER AV3** (blue) fly wire from cable **B** to the striped end of the supplied diode.
5. Connect the unmarked end of the supplied diode to the reverse signal input (active high trigger).
6. Connect the **GND** (black) fly wire from cable **B** to battery negative.
7. Connect the **POWER** (red) fused fly wire from cable **B** to 12V ignition (switched source) power.
8. (*Optional*) Attach the M12 socket on cable adaptor **C** to the **LEFT AV1** input on cable **B**.
   The RCA jacks on cable **C** accept composite video input from an accessory device such as the inView 360 Fusion system. For more information, visit the Seon Community (**https://community.seon.com**).
9. See "Power On and Test".

Monitor and Camera Connections (*Recorder Integration*)

Use the following image and steps to connect the monitor, camera, and recorder:



1. Once the camera is installed according to its installation documentation, connect cable **A** to a camera port on the back panel of the recorder**.**
   Take note of the camera port number* **- you'll need it for the Recorder Configuration procedure** (see the RVS *Recorder Configuration Guide* (700-1103).
   * *for TL-HD recorders, note the channel number*
2. Connect the 2x4 Microfit* connector on cable **B** to the **EXPANSION**** socket on the recorder's rear panel.
   * *for TL-HD recorders, use the 1x8 Sherlock connector*
   ** *for HX/NX recorders, connect to the* **EXPANSION 1** *socket*
3. Connect the 2x3 Microfit connector on cable **B** to the Microfit socket on cable **C**.
4. Connect the 2x3 Microfit connector on cable **C** to the **BACK AV3** Microfit socket on cable **D**.
5. Install the monitor bracket and mount the monitor on the dashboard.
   For details, see the *Rear Vision Monitor Quick Install Guide* (700-1107).
6. Connect the monitor output from cable **D** to the monitor input cable.
   Verify that the arrows on the connector ends are aligned.
7. Connect the **BACK TRIGGER AV3** (blue) fly wire from cable **D** to the striped end of the supplied diode.
8. Connect the unmarked end of the supplied diode to the reverse signal input (active high trigger).
9. Connect the **GND** (black) fly wire from cable **D** to battery negative.
10. Connect the **POWER** (red) fused fly wire from cable **D** to12V ignition (switched source) power.
11. (*Optional*) Attach the M12 socket on cable adaptor **E** to the **LEFT AV1** input on cable **D**.
    The RCA jacks on cable **E** accept composite video input from an accessory device such as the inView 360 Fusion system. For more information, visit the Seon Community (**https://community.seon.com**).
12. See "Power On and Test".