REARSIGHT® CAMERA SYSTEM

INSTALLATION INSTRUCTIONS

WORK VANS

250-8013

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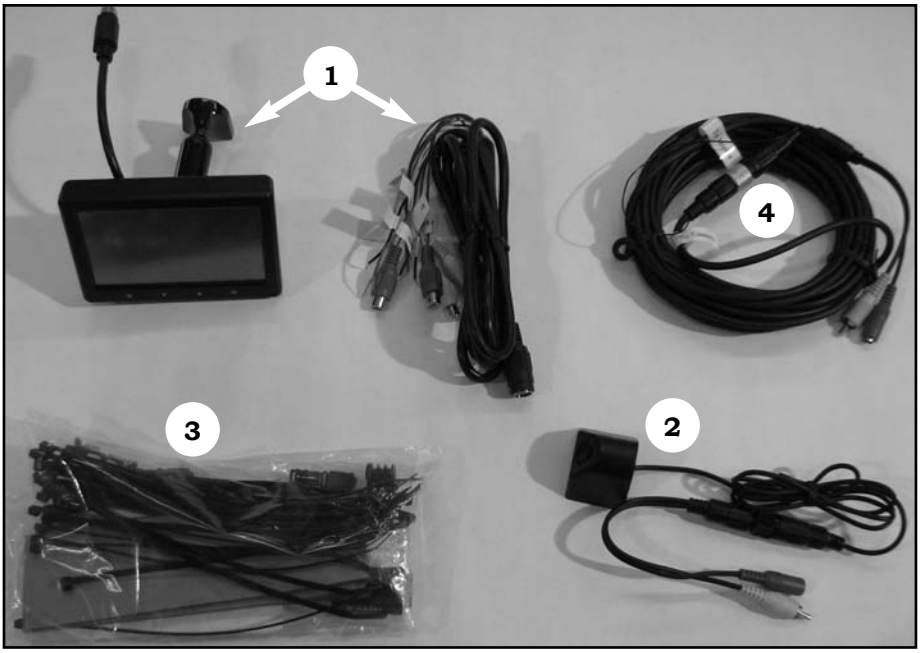
Form #5054, Rev. B, 09-02-09

Service Parts List

Item	Quantity	Part Number	Description
1	1 1	250-8543	4.3” LCD Monitor Monitor Input Harness
2	1	250-8112	Rear Camera Assembly
3	1	250-8524	Hardware Package: Tie Straps, T-Taps, Sealing Putty
4	1	250-8550	Camera Extension harness



Before You Start

Before beginning installation, familiarize yourself with the installation instructions and the RearSight® Camera System components.

To ensure your safety:

A. Make sure your vehicle is in “PARK”.
B. Apply the emergency brake.
C. **Disconnect the negative battery cable before install.**
D. Note any anti-theft radio codes prior to disconnecting.
E. Read this manual before starting.

CAUTION: To minimize risk of injury from contact with the monitor during an accident, always wear your seat belt.

Installation

To install the RearSight® System, you will need to do the following steps:

Step 1: Vehicle Preparation

1. Remove existing rearview mirror. **Figure 1.** Remove driver side kick-panel and door seal trim. **Figure 2.** Remove driver side rear door panel and license plate light assembly if applicable.

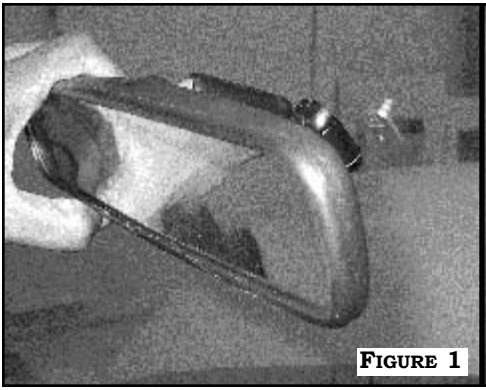


Figure 1

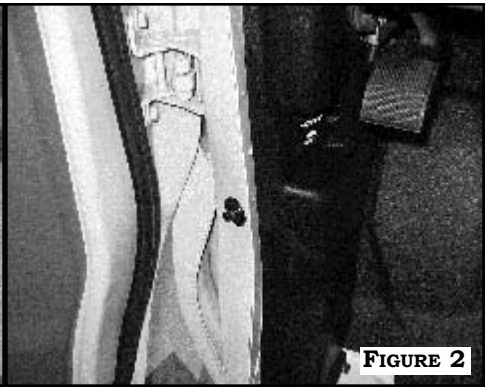


Figure 2

Step 2: Mounting The LCD Monitor

1. Mount the RearSight® LCD monitor on existing windshield lug and tighten screw. **Figure 3**.

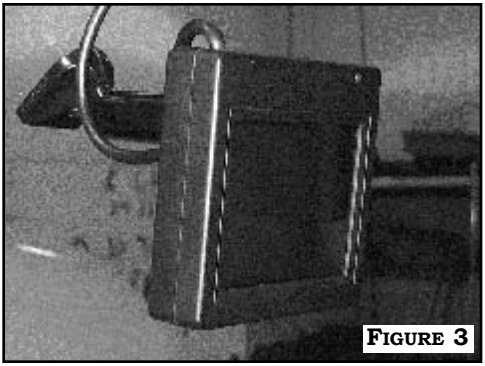


Figure 3

Installation

Step 3: Power Connections

1. Connect the **Monitor Input Harness** (Item 1, Page 2) to mating connector of LCD monitor. Connect Yellow **Male RCA** video connector of **Camera Extension Harness** (Item 4, Page 2) to **Video 2** input (blue **Female RCA** connector) of monitor input harness.

2. Route the Monitor Input Harness above headliner and over to driver side door seal trim. If applicable, use the supplied **Reverse Extension Wire** in **Sack Parts** (Item 3, Page 2) to connect to **Red (ACC) and Yellow (BAT) Wires** of Monitor Input Harness and **Black/White Wire** from the **DC power adapter harness** in sack parts. Connect the **Black (GND) Wires** from the monitor input and DC adapter harness to the vehicle ground point. Then route Reverse Extension Wire to driver side rear back up light connector. Secure harness by using the supplied foam.

3. Use the supplied T-taps to makf the following connections:

Ford (See Figure 4):

- **Ignition - Red/Yellow**
- **Reverse - Black/Violet**
- **Ground - Black**

Chevrolet/GMC (See Figures 5,6):

- **Ignition - Pink**
- **Reverse - Light Green**
- **Ground - Black**

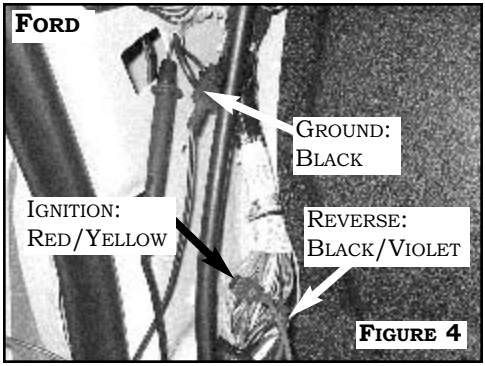


Figure 4

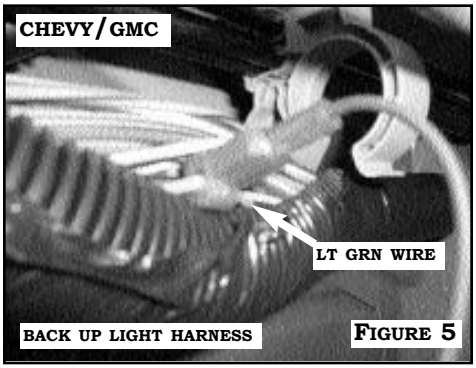


Figure 5

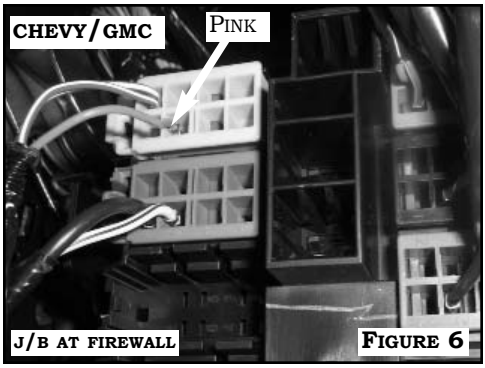


Figure 6

Installation

Step 4: Routing Extension Harness

1. Route Extension Harness and Reverse Extension Harnesses from kick panel up to headliner staying inside weather seal. Secure with foam. **Figure 7**. Then route harness to back of vehicle using the factory wire channels and retaining clips where possible. **Figure 8**

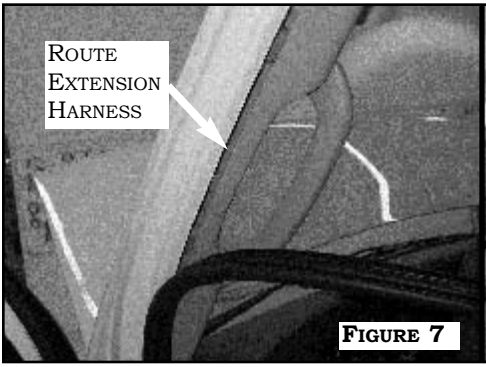


Figure 7

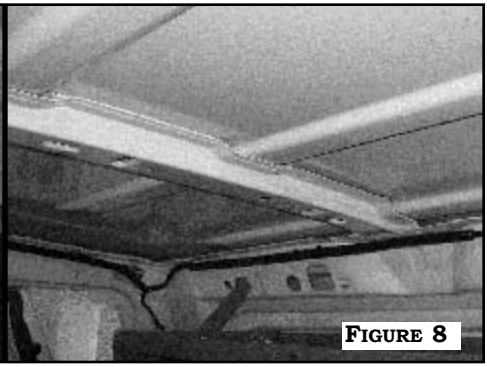


Figure 8

2. Route the Extension Harnesses through passenger side rear door grommet. **Figure 9**.

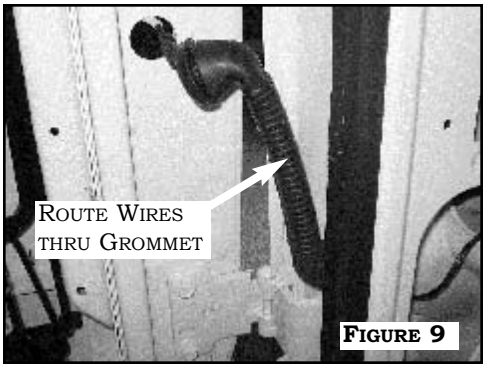


Figure 9

Installation

Step 5: Mounting Camera and PCB

1. Clean the top left side of license plate cavity with alcohol. Peel the clear liner off the back of the **Rear Camera Assembly**. Mount the Rear Camera Assembly to the license plate cavity as Shown in **Figure 10**. Insert in-line PCB with camera connectors behind license plate light through to backside of rear door. Mount PCB inside rear door. **Figure 11**. Disconnect camera harness at the(center) **6-pin DIN** connector and discard. Connect the camera harness to the extension harness. Wrap connections with foam tape.

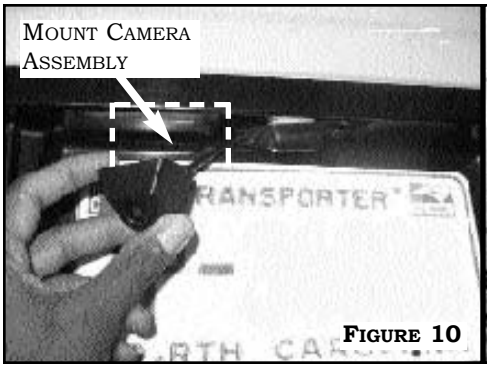


Figure 10

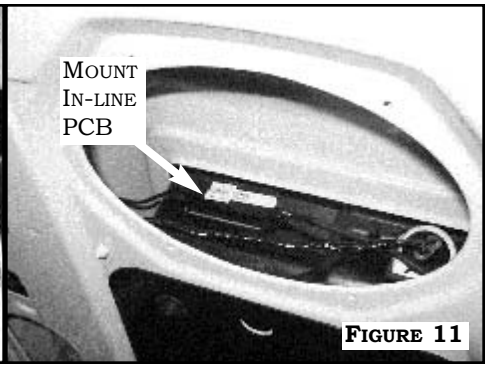
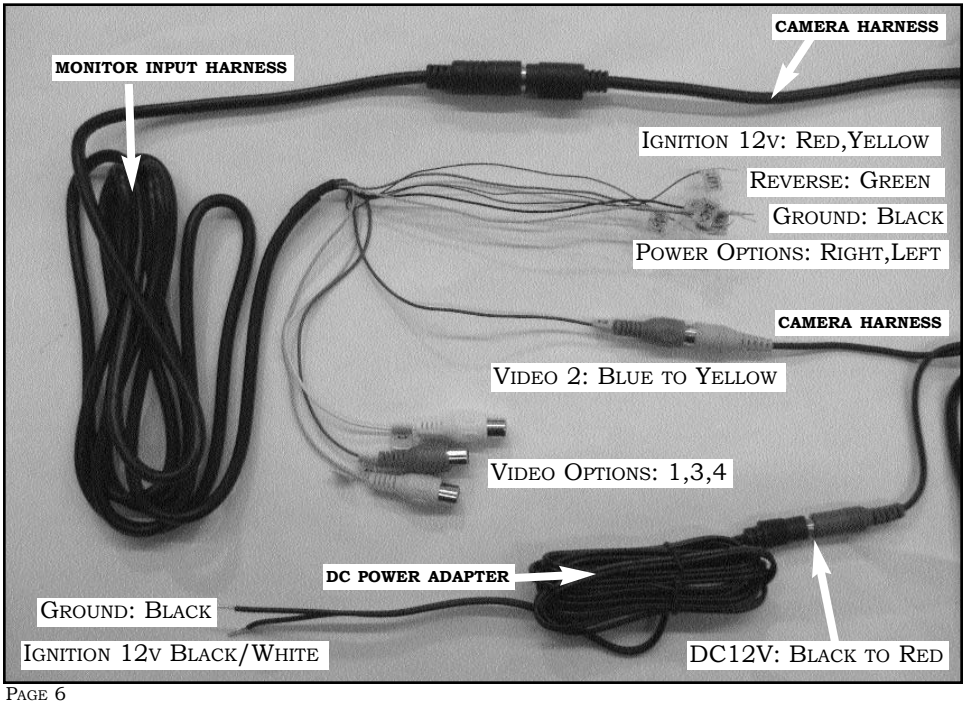


Figure 11

Wiring Connections



System Testing

Step 6: Testing

1. Reconnect negative battery cable. Re-enter radio code information, if applicable.

2. Turn the ignition switch on. Put the vehicle in Reverse. Verify that the RearSight® Monitor is on and that the camera's picture appears.

3. If there is no picture, verify all connections are secure.

Step 7: Reassembly

1. Reinstall all trim pieces taking special care to ensure harnesses and wiring connections are properly secured.

2. Be sure harnesses are not pinched or bound by trim pieces.

3. Place the owner's card in the glove box.

4. Reconnect all disconnected bulbs and check for function.

Monitor Operations

Function Keys At Front Panel

Menu Functions

Touch pad key function cover loaction

Symbol	Function	Function Statement
⏻	POWER	Press "POWER" button, it will "TURN ON", Press it again; it will "TURN OFF"
▲	UP	Press "UP" to select functions in menu. When function be selected. Press "UP" key to increase permanents of that menu function.
▼	DOWN	Press "DOWN" to select functions in menu. When function be selected. Press "DOWN" key to increase permanents of that menu function.
📖	MENU	Press "MENN" to select source. Press "MENU" button to enter menus. Screen/ Language/ Dimmer/ Acc switch/ CCD Reset/ Exit Press ▲ to ▼ select function setup. Press "MENU" to select functions in menu. When function be selected. Press "MENU" key to increase permanents of that menu function.

Monitor Operations

Function		Function Statement
Screen	Brightness	Press ▲ or ▼ adjust Brightness. 0~100
	Contrast	Press ▲ or ▼ adjust Contrast. 0~100
	Color	Press ▲ or ▼ adjust Color. 0~100
	Tint	Press ▲ or ▼ adjust Tint. 0~100
	Mode	Press ▲ or ▼ select screen Mode 16:9 or 4:3
	Revolve	Press ▲ or ▼ select screen Revolve ON or OFF
	Exit	Press "Exit", screen will Exit setup function mode
Language	English	Press "English", screen Language is English
	German	Press "German", screen Language is German
	France	Press "France", screen Language is German
	Italy	Press "Italy", screen Language is Italy
	Dutch	Press "Dutch", screen Language is Dutch
	Spanish	Press "Spanish", screen Language is Spanish
	Chinese	Press "Chinese", screen Language is Chinese
Dimmer		Press "Dimmer", screen Dimmer can setup off/ 1/ 2/ 3 mode
ACC Switch	CCD Switch	Press "CCD switch", screen CCD can setup ON or OFF
	CCD Back	Press "CCD back", screen CCD can setup line 1~4. 0~100
CCD	Unit	Press "Unit", screen can setup Unit meter or feet
	Exit	Press "Exit", screen will Exit setup function mode
Reset		Press "Reset", screen will Reset all setup
Exit		Press "Exit", screen will Exit setup function mode

Touch Functions

Symbol	Function	Function Statement
▲	**UP**	Press "▲" to select functions in menu. When function be selected. Press "▲" key to increase permanents of that menu function.
▼	**DOWN**	Press "▼" to select functions in menu. When function be selected. Press "▼" key to increase permanents of that menu function.
↻	**ENTER**	Press "↻" enter on screen all menu
	MENU	Press "Touch screen" on select source. Press "Touch screen" button to enten menus. Screen/ Language/ Dimmer/ ACC switch/ CCD/ Reset/ Exit Press ▲ or ▼ Select function setup