

REARSIGHT CAMERA SYSTEM

250-8308-GM-LCH 2007-2013 Chevrolet Silverado/GM Sierra Tailgate Handle, Camera, Mirror

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CAUTION: To minimize risk of injury from contact with the monitor during an accident, always wear your seat belt. It is advisable to disconnect the negative battery cable for 3 minutes before beginning installation, to avoid unintended air bag deployment. Note and record any anti-theft radio codes prior to disconnecting.

Parts Identification

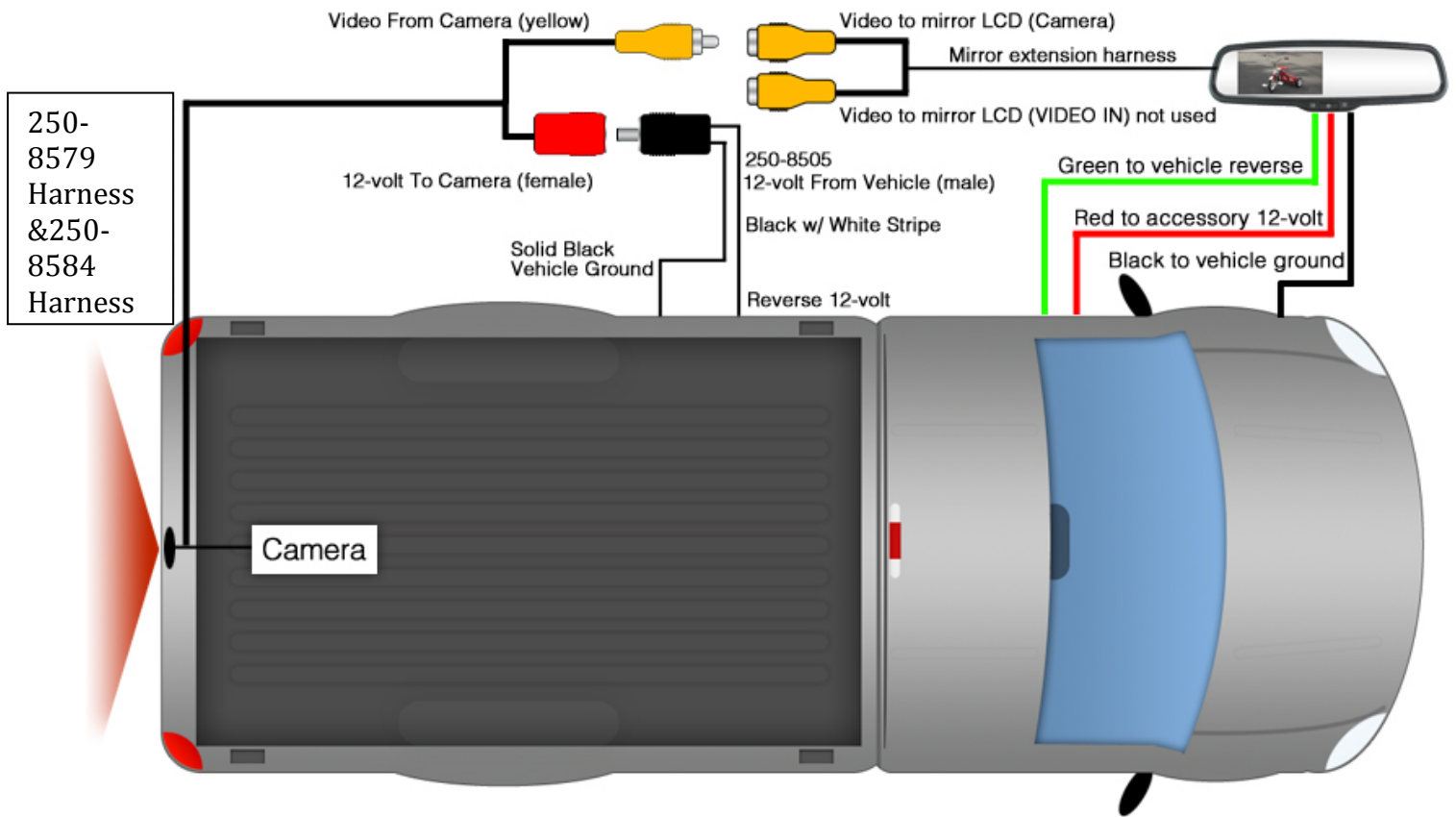
Item	Qty.	Part Number	Description
1	1	250-8569	Latch Camera
2	1	250-8308	4.3" LCD Mirror/Monitor
3	1	250-8579 & 250-8584	S-Video Harness Splitter Harness
4	1	250-8505	Male DC Power Harness
5	1	250-8598	Sack Parts: Tie Straps, T-taps, Foam Tape



Form #5403, Rev. A, 01-24-13



System Layout



Route the 250-8579 harness to the front of the vehicle. Connect 250-8584 to 250-8579 routed along the vehicle chassis. Join the yellow RCA Camera In plug. *The VIDEO IN RCA plug is not used with this application.* Use provided wire ties to secure wiring harnesses away from moving parts and sharp edges of the vehicle.

Mirror Installation

1. Remove the existing mirror from the windshield and replace with RearSight mirror. (Some vehicles may require a special mirror removal tool).
2. Tighten the base of the mirror stem to the windshield lug using a Phillips screwdriver.
3. Connect the **Red Wire** to a fused Ignition 12-volt power circuit.
4. Connect the **Black Wire** to a vehicle ground point.
5. Connect the **Green Wire** to the reverse power circuit at the fuse panel or the rear lamp.

Camera Installation

Tailgate

1. Remove panel from the tailgate to gain access to the mounting components of the tailgate handle (**figure 1**).
2. Remove the factory tailgate latch and replace with integrated camera latch (**figure 2 and figure 3**).
3. Connect harness 250-8579 to the camera, install convoluted tubing and route to bottom side of tailgate (**figure 4 and figure 5**).
4. Route harness 250-8579 along the vehicle's undercarriage to connect your mirror.



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6

Harness Connections

1. Route extension harness 250-8579 to the front of the vehicle and into the cab. Connect the 250-8584 to the 250-8579. The RCA connector from the 250-8584 is to be joined with the yellow RCA Camera In plug in the passenger cabin of the vehicle coming from the mirror harness.
2. Connect Male DC Power harness 250-8505 to harness 250-8584's Female DC Power input.
3. Connect the solid black wire from harness 250-8505 to a chassis ground point.
4. Connect the black with white stripe wire from harness 250-8505 to a 12-volt reverse power source.

Testing and Reassembly

Testing

1. Reconnect the negative battery cable and torque to 3 ft-lbs.
2. Re-enter any theft deterrent information (if applicable).
3. Turn the ignition switch to the ON position.
4. Shift the vehicle into reverse and confirm video feed to your device.

Note: If there is no picture present, re-check all harness connections.

Reassembly

1. Reinstall all trim pieces taking special care to ensure harnesses and wiring connections are properly secured.
2. Make sure no harnesses are bent or pinched by trim pieces.
3. Reconnect all disconnected bulbs and check for function.

Installation Tips

- Confirm proper cable extension connector orientation and always verify proper ends are routed in correct direction.
- It is a good idea to dry-fit all pieces in this kit before permanently attaching them to ensure proper orientation and operation before beginning installation for familiarization with components.
- Always treat any metal exposed during installation with a rust preventative compound to prevent system failure due to rust and/or corrosion.
- Always seal any holes drilled with the provided sealing putty to prevent water infiltration through unprotected areas.
- Confirm integrity of mechanical and electrical connections before moving to next installation sequence.

Installation Notes

Parking Gridlines Note

This camera includes parking gridlines overlaid on the video feed by default to assist when parking in reverse. If the driver does not wish for gridlines to be included, simply locate loop wire connected to the camera harness (**figure 1**) and cut it in half (**figure 2**).

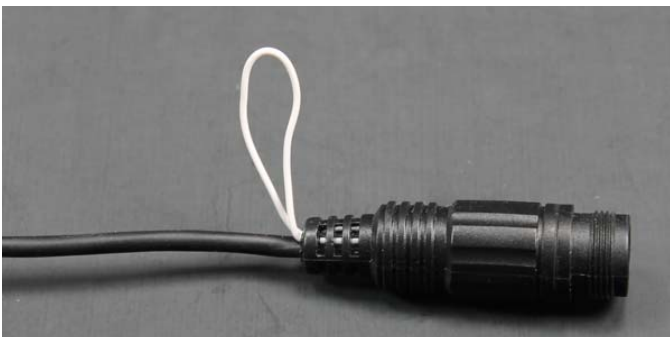


Figure 1



Figure 2