

# REARSIGHT CAMERA SYSTEM

## 250-8622 Installation Instructions

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### Parts Identification

Item	Qty.	Part Number	Description
1	1	250-8622	Tailgate integrated CMOS color camera
2	1	250-8598	Hardware service pack
3	1	N/A	36" convoluted tubing
4	1	250-8505	Male DC power connector
5	1	250-8550	30' camera extension harness



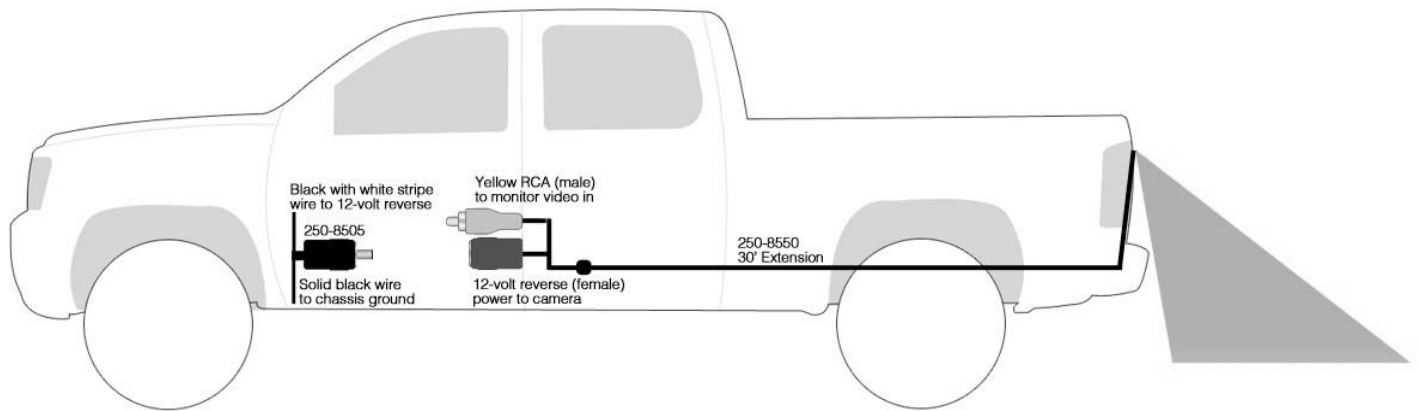
**CAUTION:** It is advisable to disconnect the negative battery cable for 3 minutes before beginning installation to avoid unintended air bag deployment. Note and record any anti-theft radio codes prior to disconnecting.

### Vehicle Preparation

Before beginning your installation familiarize yourself with the installation instructions and the RearSight camera system components.

To ensure your safety **(A)** apply the emergency brake and **(B)** read this entire manual before beginning.

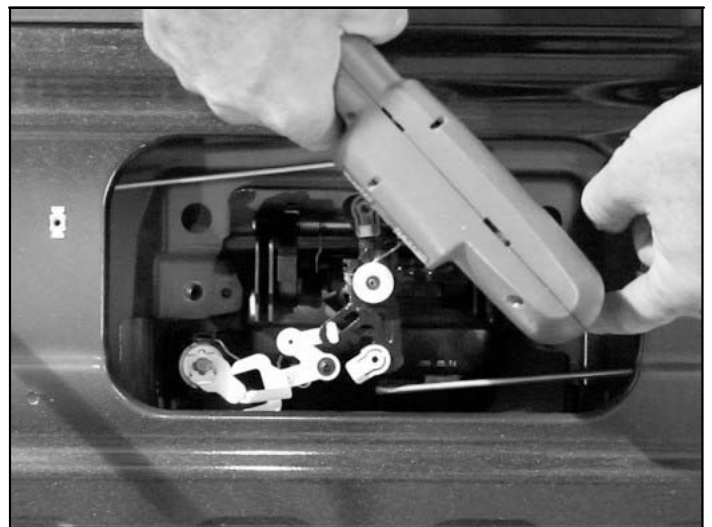
## System Layout



## Installation



Begin by removing the 8 bolts securing the tailgate cover to the tailgate.



Unhook the connectors from the tailgate latch release and remove the two tailgate-handle bolts.



If necessary, remove the factory tailgate lock from the tailgate handle and insert it into the 250-8622 handle.



Place the 250-8622 handle/camera in place, tighten the two bolts, and reconnect the latch releases.



Wrap the camera harness with convoluted tubing and route it to the bottom tailgate opening.



Feed the camera harness into the opening of the truck bed and connect to 30' extension harness 250-8550.



Route harness 250-8550 to the front driver side of the truck attaching it to the factory harness with cable ties.



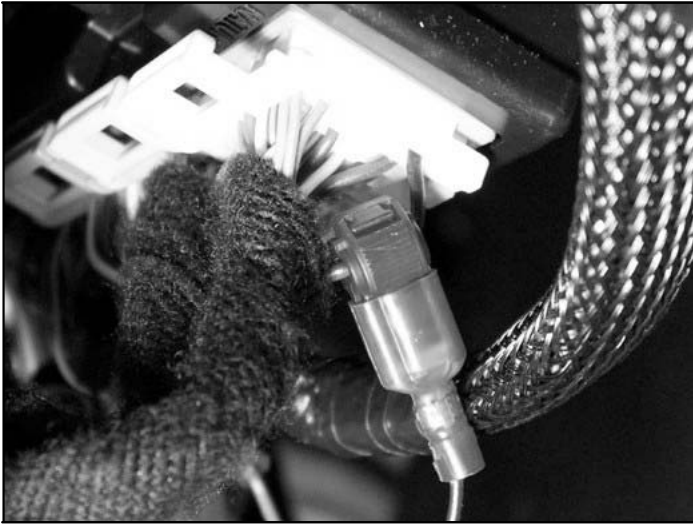
Route harness 250-8550 through the grommet in the floor board on the driver side of the truck.



Locate the BCM connectors behind the driver-side dashboard knee panel.



From harness 250-8505, connect the black w/white stripe wire to the green w/violet wire of the fourth from left BCM plug using the included t-taps.



From harness 250-8505, connect the solid black wire to the solid black wire of the far-right BCM plug using the included t-taps.

Connect the male DC power plug of harness 250-8505 to the female DC power plug of harness 250-8550. Connect the male RCA plug to your chosen monitor.

## 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.

### Troubleshooting

Mirror/Monitor Not Working	No Video
Verify 12-volts to black with white stripe wire of 250-8505.	Verify extension harness connection to camera.
Verify ground < 10 Ohms resistance.	Verify harnesses are mated correctly at camera.
Verify secure connection to camera extension harness.	Verify 12-volts and ground connection at camera.

### Installation Notes

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