



# REARSIGHT CAMERA SYSTEM

## 250-8652 2010-2013 Dodge Ram Tailgate Handle Camera

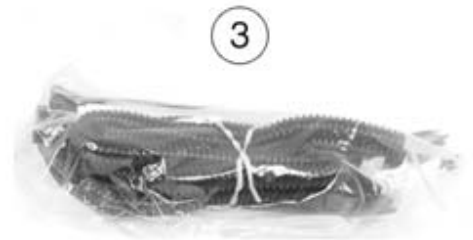
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 **CAUTION:** To minimize risk of injury from contact with the monitor during an accident, always wear your seat belt.

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### Parts Identification

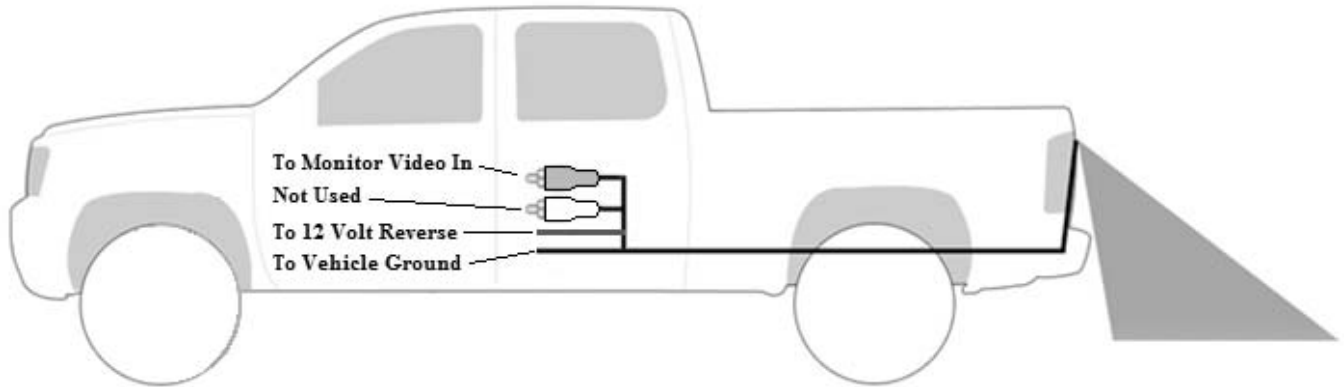
Item	Qty.	Part Number	Description
1	1	250-8652	Tailgate Latch Camera
2	1	250-8656	30' Extension Harness
3	1	N/A	36" convoluted tubing



Rostra Support



# System Layout



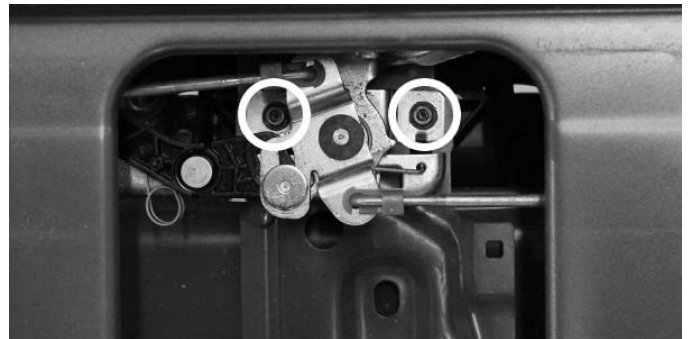
## Installation

### 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 250-8656 to the camera, install convoluted tubing and route to bottom side of tailgate (**figure 4 and figure 5**).
4. Route harness 250-8656 along the vehicle's undercarriage to connect the monitor (**figure 6**).



**Figure 1**



**Figure 2**



**Figure 3**



**Figure 4**



**Figure 5**



**Figure 6**

## Harness Connections

1. Route extension harness 250-8656 into the passenger cabin of the vehicle.
2. Connect the yellow male RCA from harness 250-8656 to the monitor's "video in" RCA.
3. Connect the solid black wire from harness 250-8656 to a chassis ground point.
4. Connect the solid red wire from harness 250-8656 to a 12-volt reverse power source for power only when in reverse or an auxiliary power source for constant power.

## Testing and Reassembly

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### 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

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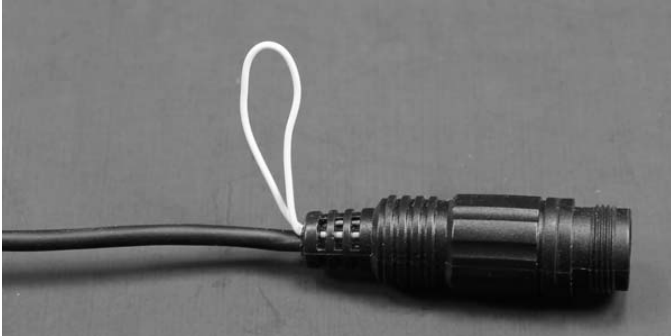
- Confirm proper cable extension connector orientation and always verify proper ends are routed in correct direction.
- It is a good idea to dry-fit all pieces in this kit before permanently attaching them to ensure proper orientation and operation before beginning installation for familiarization with 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.

**Form #5657, Rev. A, 12-20-2016**

# Parking Gridlines Note

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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**

## Installation Notes

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