Installing Rear Camera and Sensors

1. Position the rear camera and sensor bar underneath the liftgate mainframe.

2. Mark the location of the four mounting holes.

3. Check for obstructions in the mainframe before drilling holes.

4. Drill 1/4" holes in the mainframe of the liftgate where marked in step 2.

5. Install the rear camera and sensor bar underneath the liftgate using the supplied 1/4"-20 hex bolts (Figure 3).

Removing Rear Camera and Sensors

1. Verify rear camera and sensor bar kit contents (Figure 1 and Table 1).

2. Remove and save the rear camera and wire harness from the tailgate.

3. Remove and save the rear sensors and wire harness from the bumper.
   Do not reuse the factory mounting bezel (Figure 2), doing so may not position the sensors correctly.

Note: This solution is for specific factory installed rear cameras and sensors on model 60, G2 series liftgates for pickup body only. It does not support aftermarket products. For a list of available applications see the Tommy Gate Rear Camera and Sensor Bar Application Chart (DPN 095193).

Note: For vehicles manufactured after May 1, 2018 the image on the rear camera display screen must comply with the standard in National Highway Traffic Safety Administration rule number FMVSS 111.

!Warning: Relocating the factory installed rear camera may result in the display screen gridlines being inaccurate. Operate with caution and be sure to check surroundings before reversing the vehicle.

!Warning: Relocating the factory installed rear sensors may result in park assist features being less accurate. Do not use vehicle features that take over steering.

Table 1: Part List

<table>
<thead>
<tr>
<th>QTY.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>15685</td>
<td>Rear Camera and Sensor Bar</td>
</tr>
<tr>
<td>1</td>
<td>15715</td>
<td>Rear Camera Bracket</td>
</tr>
<tr>
<td>2</td>
<td>15717</td>
<td>Right Rear Sensor Bracket</td>
</tr>
<tr>
<td>2</td>
<td>15716</td>
<td>Left Rear Sensor Bracket</td>
</tr>
<tr>
<td>2</td>
<td>15799</td>
<td>Exhaust Deflector</td>
</tr>
<tr>
<td>6</td>
<td>9077</td>
<td>Cable Tie</td>
</tr>
<tr>
<td>1</td>
<td>15529</td>
<td>Bolt Kit</td>
</tr>
</tbody>
</table>

Figure 1: Part Identification

Figure 2: Rear sensor - no bezel.

Figure 3: Rear camera and sensor bar mounting location.

2019 Ram 1500/2500/3500 (Except 1500 Classic)
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6. **Route** wire harnesses from the vehicle to below the liftgate mainframe.

7. **Plug in** rear camera and sensors to wire harnesses.

8. **Position rear** sensors into brackets and fix in position using a cable tie (Figure 4).
   Mounting hole tab faces toward center of the truck.

9. **Place** rear camera into bracket and fix in position with two cable ties (Figure 5).

10. **Install** rear camera and sensor brackets into rear camera and sensor bar using the supplied 1/4"-20 hex bolts and nuts.

11. **Install** exhaust deflectors between the tailpipes and rear sensors using two 1/4"-20 hex bolts and nuts each (Figure 6).

12. **Secure** wiring harnesses with cable ties.

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**Figure 4:** Orientation of rear sensor in bracket.

**Figure 5:** Rear camera secured in rear camera bracket (left) and in rear camera and sensor bar (right).

**Figure 6:** Exhaust deflector and rear sensor mounted on rear camera and sensor bar.