



# Backup Bar Installation Instructions

Note: This solution is for specific factory installed backup cameras and sensors on 60" wide G2 or Original Series liftgates only. It does not support aftermarket products. For a list of available applications see the Tommy Gate Backup Bar Application Chart (DPN 095193).

Note: For vehicles manufactured after May 1, 2018 the image on the backup camera display screen should adhere to the standard in National Highway Traffic Safety Administration rule number FMVSS 111.

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

## Remove and Save Camera and Sensors

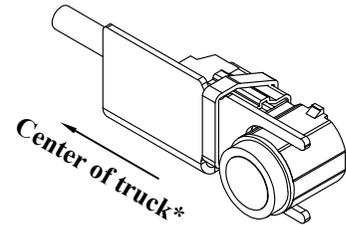
1. **Remove** the backup camera and wire harness from the tailgate and set aside.
2. **Remove** the backup sensors and wire harness from the bumper and set aside.

## Installing Backup Camera and Sensors on 60" Wide Liftgate

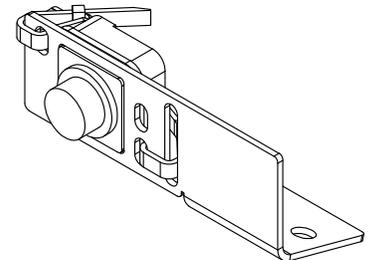
If mounting holes already exist in the mainframe, skip to step 5.

1. **Position** the backup bar channel 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 backup bar underneath the liftgate using the supplied 1/4"-20 hex bolts.
6. **Route** wire harnesses from the vehicle to below the liftgate mainframe.
7. **Plug in** camera and sensors to wire harnesses.
8. **Position** sensors into brackets and fix in position using zip ties (Figure 1).  
Sensor wires face towards the center of the truck, except as noted below.  
Ram Application:  
Wires on second sensor from driver side must face away from center of truck.  
The sensor wiring harness loom needs to be reworked to reach mounting points.
9. **Place** camera into bracket and zip tie as shown for a Ford (Figure 2), screw in place for a Chevrolet, GMC (Figure 3) or Ram (Figure 4).
10. **Install** camera and sensor brackets into backup bar using the supplied 1/4"-20 hex bolts and nuts.
11. **Secure** wiring harnesses with zip ties.

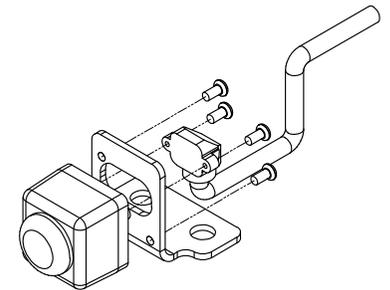
Note: To turn off display screen gridlines on GM pickups do the following  
Menu > Settings > Rear Camera > Guidance Lines > OFF  
To turn off display screen gridlines on Ram pickups do the following  
Settings > Safety/Assistance > Parkview Backup > Active Gridlines > Off



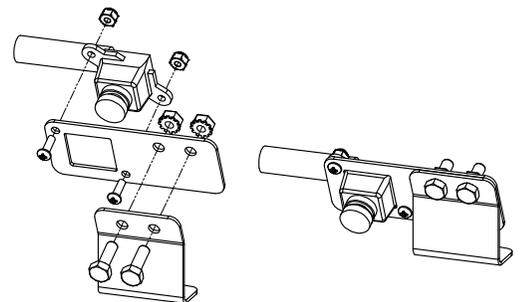
\*Except for Ram, second sensor from drivers side  
**Figure 1:** Orientation of sensor in bracket.



**Figure 2:** Ford backup camera in bracket.



**Figure 3:** Chevrolet backup camera in bracket.



**Figure 4:** Ram backup camera bracket assembly.