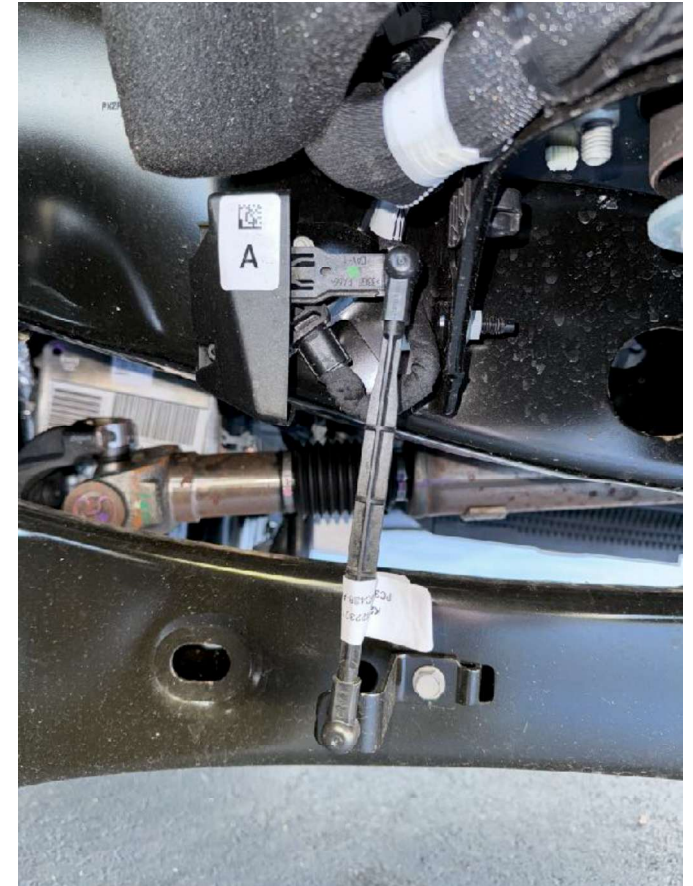


# **2023+ FORD SUPER DUTY FACTORY LOAD SCALE / HEADLIGHT SENSOR LIFT BRACKETS**



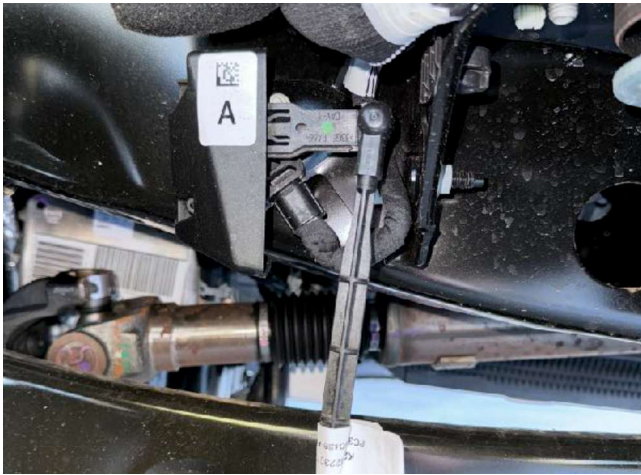
# Note Sensor Angle

- Before beginning, park your truck on level ground with no weight in the truck, and note the sensor angle and position.
- We like to use a paint marker to be as accurate as possible.
- If you forget or have already changed the angle for any reason, see next page for sensor positions on a stock truck.





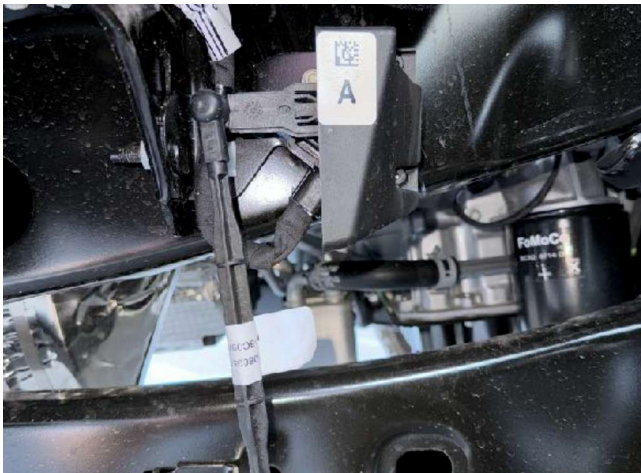
# Factory Sensor Angle



Driver Front



Driver Rear



Passenger  
Front



Passenger  
Rear

# Factory Arm Removal

- Begin at the front of the truck.
- Pop the sensor arm off at the lower and upper attachment point using a trim tool.
- Be careful as the sensor uses a plastic ball, so it's quite fragile.





# Factory Arm Removal

- Disconnect the sensor harness connector from the sensor by depressing the release tab on the connector, and pulling it out.



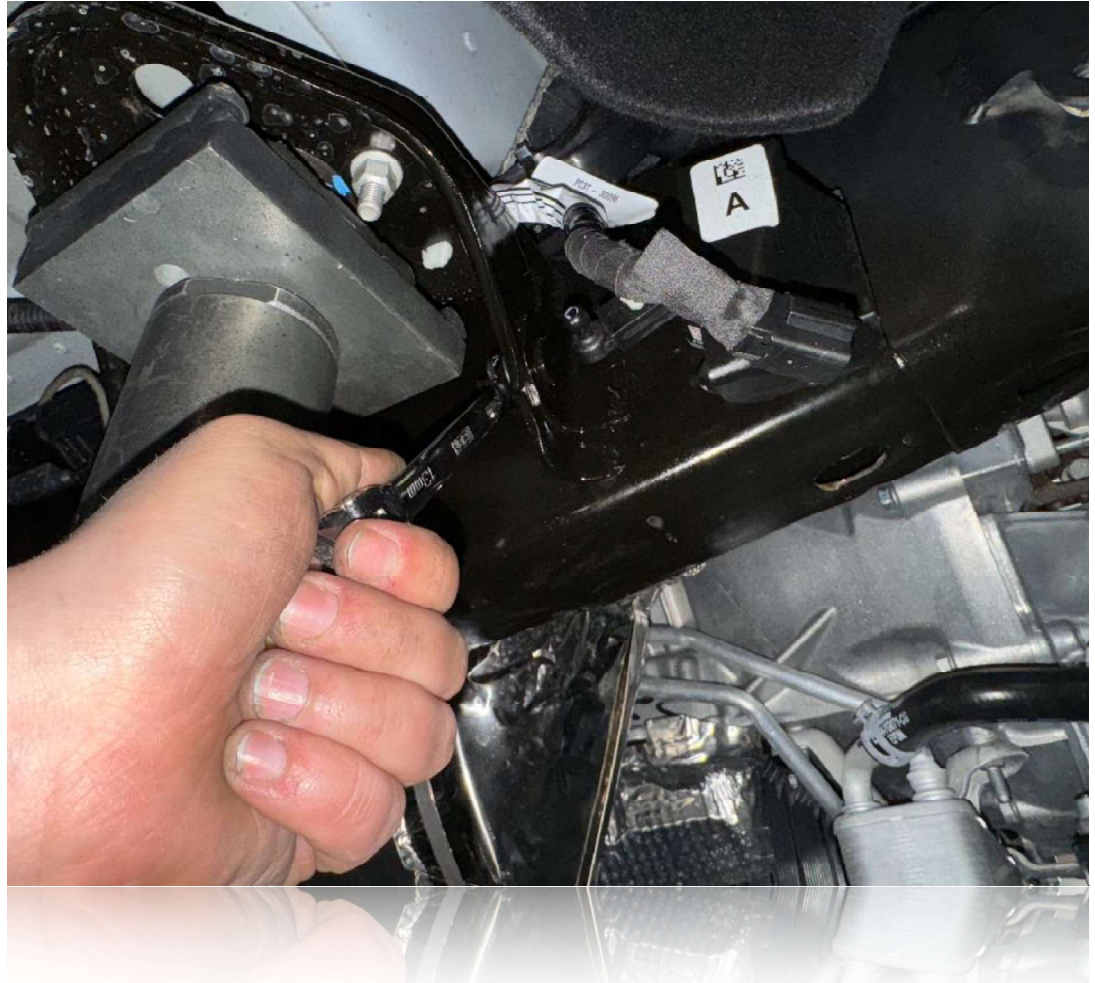
# Factory Arm Removal

- Once the harness is unplugged, pull straight back on the white Christmas tree pin to dislodge it and free the harness.



# Factory Sensor Removal

- Using a box wrench, remove the single nut holding on the sensor unit to the truck's frame.





# Factory Sensor Removal

- Pull forward so the stud pulls out from the frame, and remove the sensor.





# Factory Sensor Removal

- Once the sensor is off the truck, remove the two Torx head screws on the cover.



# Factory Sensor Removal

- Remove the two nuts holding on the sensor to the bracket.





# Sensor Lock Install

- Install the angle lock, with the tabs positioned on either side of the arm and the little notches in the bracket holding the arm at the correct angle per what was marked at factory ride height.
- Note that the brackets are position specific, so use the bracket that's oriented correctly.
- Re-install nuts and tighten until snug.



# Factory Sensor Install

- Re-install the sensor cover on the sensor.





# Factory Sensor Install

- Re-install the sensor on the frame, and reconnect the harness to the sensor.
- Repeat all steps for the opposite side on the front of the truck.



# Rear Sensor Install

- The rear sensors are much easier than the front.
- Remove the two bolts holding the sensor to the truck.
- Install lock bracket at marked angle, and re-install.
- Repeat on opposite rear side. Again, the sensor brackets have a left and right side, so orient them as needed.





# Enjoy Your Truck

