

## TSN00993-100-A: OCCUPANCY SENSOR TEST WEIGHT KIT

*NOTE: THIS SET IS PROVIDED THROUGH AMAZON. REACH OUT TO RIVIAN SERVICE TOOLING TEAM FOR MORE DETAILS*

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### **PURPOSE:**

WEIGHT PLATES FOR TESTING THE PASSENGER SEAT OCCUPANCY SENSOR. 90 LBS TOTAL

SET CONTAINS: (2X) 25 LB PLATES, (2X) 20LB PLATES.

REFER TO THE [SERVICE MANUAL PROCEDURE](#) FOR MORE DETAIL



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### **LABOR CODE:**

[681012110\\_CUSHION,\\_1ST ROW SEAT, RH \(REMOVE AND REPLACE\)](#)

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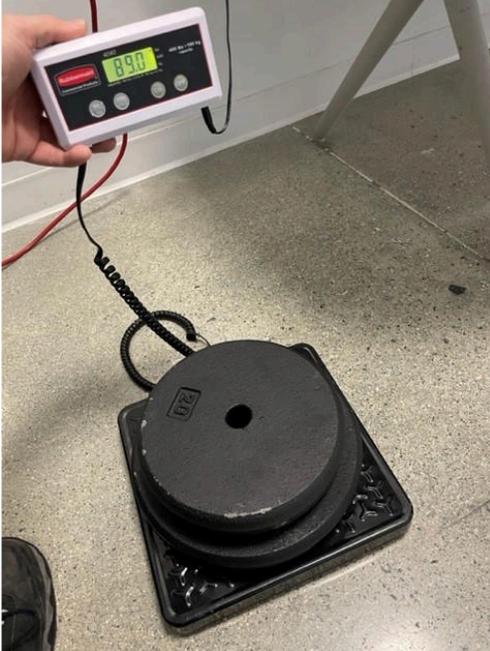
### **PRIOR TO USAGE:**

TO PREVENT THE WEIGHTS FROM SLIDING WHEN STACKED, IT IS HELPFUL TO APPLY GAFFERS TAPE TO THE SIDE OF THE PLATES. THIS WILL CREATE FRICTION BETWEEN THE PLATES AND KEEP EVERYTHING TOGETHER NICELY IN THE SEAT.

**⚠ CAUTION:** Do not perform procedure if any equipment is missing or damaged. Contact tooling team with any questions or requests for replacement parts. [ServiceToolEngineering@rivian.com](mailto:ServiceToolEngineering@rivian.com)

**⚠ CAUTION:** Take care to prevent pinched fingers from weights shifting

## TOOL USAGE:

STEP	DIRECTIONS	VISUAL AID
1	<p>VERIFY THE MASS OF THE 4 WEIGHTS. +/-1LB. IS ACCEPTABLE.</p> <p>DUE TO AVAILABILITY AND VARIANCES IN SUPPLIERS AND PLATES, SOME WEIGHTS MAY BE UNDER 90 LBS, ADD SOME ADDITIONAL ITEMS TO BRING THE COMPLETE WEIGHT TO 90 LBS.</p>	 A hand is holding a digital scale with a red display showing '89.8'. The scale is connected to a stack of black weights on a black base. The setup is on a concrete floor.
2	<p><b>i</b> NOTE: ITS RECOMMENDED TO PLACE A TOWEL OR PROTECTIVE MATERIAL BETWEEN THE SEAT AND WEIGHTS TO PROTECT THE UPHOLSTERY</p> <p>STACK ALL 4 PLATES ON THE MAIN PART OF THE SEAT CUSHION. THE WEIGHTS SHOULD BE ON THE CUSHION, NOT THE BOLSTERS</p> <p>THE IMAGES AT THE RIGHT WILL SHOW WEIGHTS PROPERLY LOCATED ON THE CUSHION.</p>	 A photograph showing the interior of a car. A stack of black weights is placed on the main cushion of the driver's seat. The seat is grey and has a black center console.
3	<p>PROPERLY PLACED WEIGHTS WILL REST IN THE CENTER TO THE BACK OF THE SEAT BOTTOM CUSHION</p>	 Three close-up photographs showing the weights on the car seat cushion. Each photo has a green checkmark in the bottom right corner, indicating that the weights are properly placed in the center of the cushion.

4	<p>IMPROPERLY PLACED WEIGHTS ON THE SEAT BOLSTERS WILL REDUCE THE AMOUNT OF WEIGHT ON THE SENSOR.</p>	
5	<p>IF THE SYSTEM IS FUNCTIONING PROPERLY, THE "PASSENGER AIRBAG OFF" ON THE SCREEN WILL BE DISPLAYED IF-</p> <ul style="list-style-type: none"> <li>• THERE IS LESS THAN 90 LBS IN THE SEAT</li> <li>• THE WEIGHTS ARE NOT LOCATED PROPERLY ON THE CUSHION</li> </ul>	
6	<p>IF THE SYSTEM IS FUNCTIONING PROPERLY, WITH 90 LBS IN THE SEAT, THE ICON SHOWN WILL BE DISPLAYED</p>	