Product Service Bulletin

Important Information To Better Serve Your Customers

This PSB Is Applicable To: U.S. and Canada

March 2, 2018

PSB #2018-02

TO: Goodyear Company Owned Stores, Independent Goodyear Dealers in the U.S. and Canada

Subject: Vibration Issue with Tesla Model S Vehicles

If you encounter a consumer with a vibration issue on Tesla Model S vehicles, model years 2014 thru 2017, dismount and check all 4 tires to see if the tires contain foam. If the tires contain foam, check to see if the foam inside any tire has come loose. If so, replace the tire(s) with loose foam, and return for an adjustment with a return reason of "Loose Foam", then check the vehicle for vibration. If the foam is intact then follow the below process for match mounting.

Why is it Necessary to Match Mount?

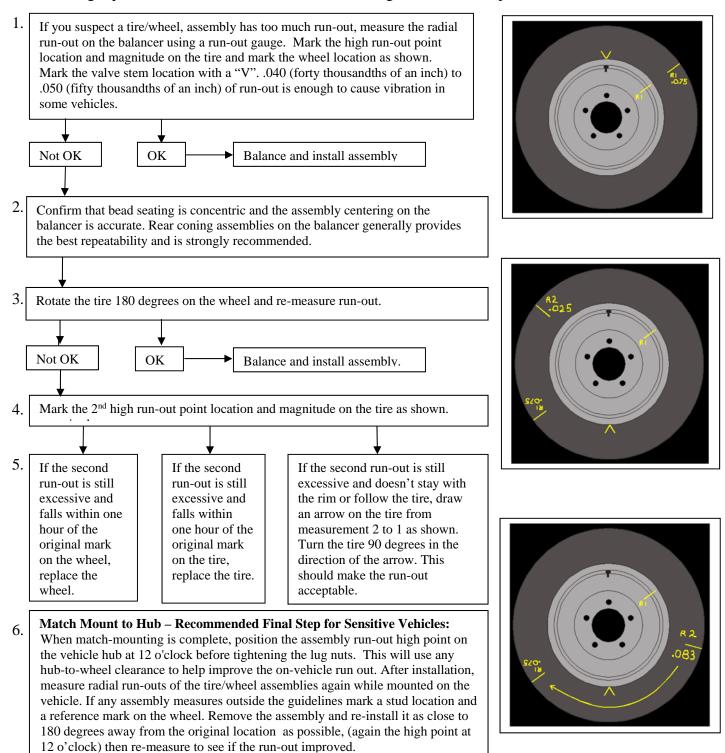
When tires are mounted in a random position on the wheel and the wheel is bolted to the vehicle in a random position, the individual components may sometimes be aligned to cause excessive run-out. Excessive run-out may result in a vibration complaint. To minimize vibration complaints, you must:

- Minimize tire/wheel assembly radial run-out.
- Accurately balance the tire / wheel assemblies.

What is Radial Run-Out?	Run-Out Stand & Gauge:
Radial run-out is the deviation of the tire / wheel assembly from a perfect circle	In order to use this process, you will need a radial run-out gauge and stand. See Product Service Bulletin 2013-07 for details on ordering and using a run-out stand and gauge.
High Spot Low Spot	

Simplified Match Mounting Process

This is not a complete guide to match mounting or vibration diagnosis, but is a simple approach to use during replacement tire installation or when handling a vibration complaint.



Note: Judging assemblies by eye as they rotate on a balancer is not an effective method for making decisions on tire or wheel replacement. However, it can be useful for deciding if run-out measurements should be made.

If you have any questions or need assistance with match mounting, please contact the National Field Manager Product Service for your area. You can locate the NFMPS in your area on Tire HQ under Product Service/National Field Managers Product Service.

THE GOODYEAR TIRE & RUBBER COMPANY, GOODYEAR CANADA INC.