

Bulletin BPI 13-05

Subject: : Checking Rotor Run-out Correctly

Vehicle Involved: All

Condition: Not using all lug nuts may cause false run-out readings

Repair Procedure: Professional technicians know the importance of checking installed rotor run-out to prevent pulsation issues in the future. What they may not realize is the inaccurate readings they may get using 2-3 lug-nuts rather than all. The picture sequence shows the different readings we measured when using less than all nuts. We used correct torque stick for vehicle. Conical washers are recommended for even pressure and prevent damage to nuts (part # BA950101)



2 lug-nuts: **.005** run-out

3 lug-nuts: **.003** run-out

All lug-nuts: **.002** in specs

Installing 2 or 3 lug-nuts would have forced us to try and correct run-out but in reality there was nothing to fix. This rotor was within specification when checked correctly.