



## **BULLETIN: PROPER CARE OF TIRE PRESSURE GAUGES**

Pressure gauge accuracy can be affected by contaminants, misuse, and rough handling. At a minimum, the accuracy of a tire pressure gauges should be verified per the table below. Anytime the indicator bar comes out slower than normal or has erratic movement, the gauge accuracy should be verified.

Each gauge is designed for a specific purpose, therefore, it is meant to be accurate within its normal operating range. Gauges can be categorized to determine at which pressure the gauge should be checked, and to determine the allowable tolerance.

### **Gauge Check Points**

Gauge Category	Gauge Range	#1 (psi)	Allowable tolerance	#2 (psi)	Allowable tolerance	Verification Frequency
						
Passenger Pencil	10-75 psig	20	±2 psig	70	±3 psig	Weekly
	10-50 psig	20	±2 psig	40	±3 psig	Weekly

Gauge Category	Gauge Range	#1 (psi)	Allowable tolerance	#2 (psi)	Allowable tolerance	Verification Frequency
						
Truck Service	20-120 psig	30	±2 psig	110	±4 psig	Weekly
	10-150 psig	30	±2 psig	140	±4 psig	Weekly

### **Master Gauge Check Points**

#1 (psi)	Allowable tolerance	#2 (psi)	Allowable tolerance	#3 (psi)	Allowable tolerance	Verification Frequency
40	±3 psig	80	±1.5 psig	120	±3 psig	6 months
