

LED fit up in SMITHS gauges

We have noticed that there are some variations in tolerances on the dash LEDs. Below are a few measurements and recommendations.

Measured hole where gauge light tube mates to gauge body is between .47-.48"

Fig 1. - The LED dia. Is typically .40" to .44" across the LED flats. Top PCB on LED is .44" to .45"

Fig 2. and Fig 3 - The light tube is slotted and may need to be bent out slightly to accommodate the LED body.

Fig. 4 - Push LED and socket into light tube on gauge. Most gauges have a plastic filter so you may need to determine how far to insert the LED.

Fig. 5 - So while the tolerances are close, there will be a snug fit and the new visibility will be worth it.



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5