

LED Fit up in SMITHS / JAEGER Gauges and others

Litezupp supplies many types of LED bulbs for our kits but the two most common used in the dash gauges for illumination are the 5 LED LDS12GN (29mm long) and the LDS12GNP-18DS (22mm long). The latter is our new smaller LED that does not require spacers for the Speedometer and Tachometer illumination ports. Both are dimmable if using a PWM controller like the Litezupp LPWM1. The Turn, Beam and Oil indicators on the speedo and tach do not have an issue with depth.

Fig 1. – Figure one show the two types of LEDs. Both give excellent 360 degree illumination and are rated about the same in Lumens. The 29mm 5 LED is just larger.

Fig 2. - The LED dia. Is typically .40" to .42" across the LED flats. The light tube is slotted and may need to be bent out slightly to accommodate the LED body.

Some gauges (Triumph) have blue or green plastic filters. **Note: we recommend removing the plastic filter using pliers to get best light dispersion.**

Fig. 3 - Push LED and socket into light tube on gauge

Fig. 4 - The new visibility will be worth it.

Fig 5 – Larger 29mm LED

Fig 6, Fig 7 – Spacer in Speedo/Tach when using 29mm LED only



Fig. 1



Fig. 2



Fig. 3



Fig. 4

For Speedo/Tach (spacer is used if larger 5 LED 29mm LEDs supplied. No spacer required for 22 mm LEDs)



Fig. 5



Fig. 6



Fig. 7