



Tim Gauges

Tim gauges have black rims (chrome accessory rim available) and glare free internal illuminations, complete with fitting instructions. All gauges are 52mm (2 1/16") diameter except 80mm diameter tachometers.

1. **Ammeter gauge with 60-60 amps grading** for use with alternator only. Can be used for 6 or 12 volt systems with either positive or negative earth. **TIM004**
2. **Water temperature gauge with 40-120 degree centigrade calibration.** This is a mechanical movement gauge which comes complete with 57" long metal capillary tube **TIM005**
3. **Oil pressure gauge with 0-100 lbs calibration,** complete with copper pipeline and 'T' piece fittings. **TIM006**



4. **Battery voltmeter gauge,** warns you of electrical or charging defects, low battery condition **TIM007**
5. **Vacuum performance gauge,** mechanical movements and colored segments indicating performance with 0-30 ins/hg scale **TIM008**
6. **Electrically operated temperature gauges with 40-120°C centigrade scale.** For negative earth only. **TIM034**
7. **Adaptor for oil gauge** if a plastic hose is preferred to original metal type. **LMA017**



8. **Tachometer with 0-80 RMP x 1000 scale 80mm (3 1/8") diameter pod mounted** for fitting on or under dash. Suitable for 4, 6, 8 cylinder gas engines with negative earth. **TIM011**
9. **Tachometer 0-8 RMP x 1000 scale.** But this is the small 52mm diameter for dash installation. Easy to fit suitable for 4, 6, 8 cylinder with negative earth for gas engines only **TIM014**



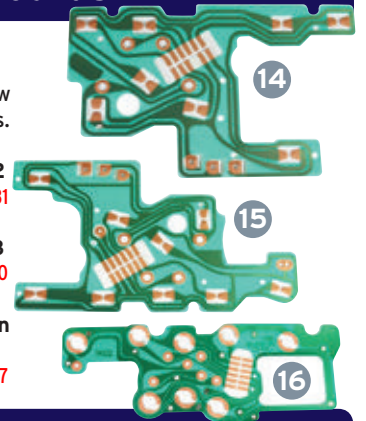
10. **Chrome bezel to fit all 52mm gauges** only. **TIM023**
11. **A dash mounting pod to hold any 52mm gauge**. **TIM039**
12. **POD to fit 80mm tachometer.**
 - a. Black **SIB800**
 - b. Chrome. **SIB801**
13. **Black metal bezel for holding 52mm gauges.** Single hole **LMA049**



Printed Circuit Boards

Printed circuit boards (PCB) for Mini gauges. These have been unavailable for many years are now being manufactured for Minisparts.

14. **Printed circuit board for pre 1989 Mini with Smith's type 2 gauge clusters** **37H4881**
15. **Printed circuit board for pre 1989 Mini with Smith's type 3 gauge clusters** **BAU1930**
16. **Printed circuit board for 1989 - 1996 Minis with Nippon Seiko type 3 gauge clusters.** **CDU3247**



Capillary Pipes & Fittings



17. **5 ft plastic oil pipe** **OL**
18. **Angled oil pipe adaptor for fitting in confined spaces to eradicate damaging oil pipe** **0AA**
19. **Oil gauge adaptor for fitting into block or T-piece** **0AA**
20. **'T' piece for fitting to block enabling oil gauge and switch to be used together** **TP**
21. **Temperature gauge adapter for fitting cylinder head or thermostat housing with take off.** Already supplied with TIM gauges, but useful for SMITHS and other makes **TE5**
22. **Capillary take-off sump plug.** This is the sump plug required to fit a capillary type Smiths oil temperature gauge, as used by racers **HPS8**
23. **Magnetic sump plug with extension to collect all magnetic debris in the gearbox.** **DPI**

Oil Switches

24. a. **Standard replacement oil switch that activates between 7-10LB** **GPS133**
- b. **Oil pressure switch that triggers off when oil pressure drops below 22LB.** **HPS1**
25. **Oil pressure adjustable switch that activates between 15-60lb as required.** **HPS3**
26. **Oil pressure switch fitted from 1996 on** **GPS135**
27. **Oil temperature transducer.** Fitted as standard on all twin point cars from 1996 which have electrical oil temperature gauge, this transducer switch replaces the oil pressure release cap on the engine block. **YCB100320**

