Gauges

Speedo Cables

1. Speedo cables with grey plastic ends were fitted to all Clubman shape Minis and also 1980-88 Minis with Smiths twin type clock, positioned in front of the driver. No.1 ends are interchangeable with No.4 and used on many of our cables.
   a. Early cars and L/H/D where cable length is 33” or less.  
   b. Later cars where 48” cable was fitted or required pre 1990.  
2. Innocenti speedo 26” cable for Veglia or Jaeger clocks that have small union and nut.  
3. Speedo cable for cars that have the original Smiths center position clock with built in fuel gauge such as Minis pre 1979 and any vans. (Not Clubman).
   a. Original cable with length of 26”  
   b. Longer cable with length of 30” as used when converting cars post 1990 to central speedo cowl assembly .  
   c. Cable with length of 36” when moving central speedo to a position in front of driver.  
   d. Mini Moke speedo cable also used when moving central speedo to a new location. 39” long also used on old Austin, Morris 1100/1300 style vehicles .  
   e. 48” extra long cable for specials when required .  
   f. Super long cable for some rear engine specials requiring 66” length. Also fits Austin Healey Sprites & MG Midgets.  
4. Cables with white plastic ends were introduced by Rover when they started fitting the Nippon Seiki range of speedos and gauges in 1988. The grey type are interchangeable and are commonly used when looking for different lengths.
   a. R/H/D 42.5” long  
   b. L/H/D 29” long  
   c. Lower section of 2 part cable 1999 on  
   d. Upper part of 2 part cable R/H/D 1999 on  
   e. Upper part of 2 part cable L/H/D 1999 on  

Smith’s Speedos

Original Cooper “S” speedo housing and parts.
5. a. Black plastic fascia casing, bare  
   b. Oval beading  
   c. Clips for oval beading (qty 14 required).  
   Order individually  
6. a. Black face 130mph speedo with fuel gauge and voltage stabiliser fitted for 3.4 final drive ratio  
   b. Magnolia face  
7. a. Black face 200kph speedo with fuel and voltage stabiliser fitted for 3.4 final drive ratio  
   b. Magnolia face  
8. a. Black face - Temperature gauge, electrically operated with C.N.H reading  
   b. Magnolia face  
9. a. Black face - Oil gauge, mechanical with 0-100 lb/sq.inch reading  
   b. Magnolia face  
10. Central clock conversion harness  
11. a. Black face - Fuel gauge for central speedo from 1964 on when voltage stabiliser is fitted  
   b. Magnolia face  

Smith’s Gauges

0 - 80 x 100 electronic impulse tachometer (fits 80mm Pod No. 12)
Ammeter with 60-60 Scale
Oil temperature gauge mechanical fitting (racers fit to sump plug location using HPS8 union, P68 No.23)
0 - 100 x 100 electronic distributor/coil sensed tachometer (fits 80mm Pod No. 12)
Oil pressure gauge 0 - 100lb/in” oil connecting pipe required
Water temperature 30 - 110º centigrade, with 6” capillary mechanical fittings
Voltmeter
Electric clock
Dual oil pressure/water temperature gauge with capillary temp fittings (oil connecting pipe needed)

Call to Order or Questions at 800-946-2642
Tim Gauges

Tim gauges have black rims (chrome accessory rim available) and glare free internal illuminations, complete with fitting instructions. All gauges are 52mm (2¾") 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 5" 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.

8. Tachometer with 0-60 RMP x 1000 scale 80mm (31/8") 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 Minispares.

14. Printed circuit board for pre 1989 Mini with Smith's type 2 gauge clusters ..... 3TH481

15. Printed circuit board for pre 1989 Mini with Smith's type 3 gauge clusters ..... BAU930

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 .................................. OAA

19. Oil gauge adaptor for fitting into block or T-piece .................................. OA

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. All supplied with TIM gauges, but useful for SMITHS and other makes .................... TES

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 ......... GPS33
   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 ........................................... GPS35

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 ....... YCB00320

Easy on-line ordering at www.minimania.com