**ACCESSORIES** 

BODY HARDWARE

BRAKES & SUSPENSION

CLUTCH KITS **EXHAUSTS** 

FIXINGS

FUEL SYSTEMS & FILTERS

GAUGES

MIRRORS POWER STEERING

SEATS & SEAT BELTS

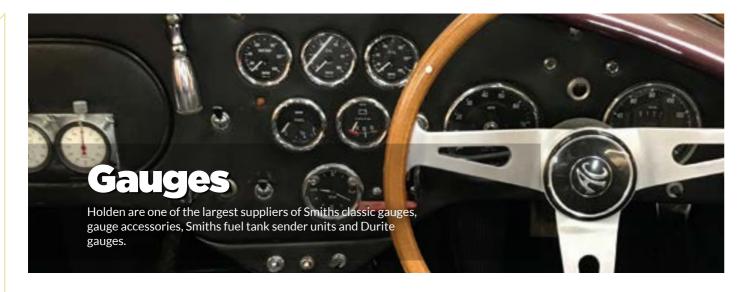
WASHERS & WIPERS

> CARE & STORAGE

OIL & AIR

OIL, GREASE & FLUIDS

PAINT &



Holden Vintage and Classic are one of the country's largest stockists of Smiths gauges, offering their Classic range and AC Cobra and Ford GT40 ranges. To complement these, we have many tank sender units and fittings.

### 100mm SMITHS CLASSIC TACHOMETERS

The nominal diameter is 100mm, there is a choice of black or magnolia dial. They connect to the contact breaker on your 12 volt distributor and are switchable for 2, 4, 6, 8 or 12 cylinder engines (easy instructions provided). Suitable for 12 volt NEGATIVE Earth only



0 - 7,000 rpm. Black dial with ½V chrome rim



0 - 7,000 rpm. Magnolia dial with full V chrome rim



**TACHOMETER** 0 - 8,000 rpm. Black dial with full V chrome rim 070.420

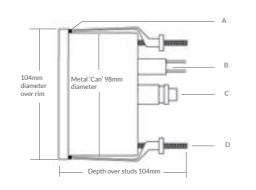
### **100MM TACHOMETERS**

# diamete

72mm for 070.001, 070.051 and 60mm for 070.420

- Supplied with 'O' Ring
- Socket for electrical connection, this includes the illumination
- C Two studs with bracket and thumb nuts for fitting
- Rubber Plug: Remove to reveal 7 switches which you set for the number of cylinders. Instructions are provided.

### **100MM SPEEDOMETERS**



- Supplied with 'O' Ring
- Bulb & bulbholder fitted for 12 volt illumination (2 wires)
- Trigger cable fitting. This is the normal push on fitting found on many classic cars. The boss is 16mm diameter
- D Two studs with clamps and thumb nuts for fitting







LIGHTING

**SWITCHES** 

IGNITION WIRING

HEATERS &

ELECTRIC

**ACCESSORIES** 

HARDWARE

BRAKES &

SUSPENSION

**CLUTCH KITS** 

**EXHAUSTS** 

SYSTEMS &

FILTERS

**GAUGES** MIRRORS

POWER

STEERING

SEATS &

SEAT BELTS

WASHERS &

WIPERS

OIL & AIR FILTERS

CARE &

STORAGE

OIL, GREASE

& FLUIDS

PAINT & ANTI-RUST

FIXINGS

FUEL

FANS

BODY

https://youtu.be/RJ\_ PMg4vazk A guide to our range of Smith gauges

### 100mm SMITHS CLASSIC SPEEDOMETERS

The nominal diameter is 100mm, there is a choice of black dial (half V rim) or magnolia dial (full V rim). They have a mileage or kilometre reading and a trip reading with the trip reset on the front of the speedometer. They connect to your gearbox using the existing cable provided it has the correct end fitting. These speedometers will need calibrating.



**SPEEDOMETER** Reads to 140 mph. Black dial. 070.004(140)



**SPEEDOMETER** Reads to 170 mph. Black dial. 070.004



**KPH SPEEDOMETER** Reads to 260 kph. Black dial 070.005



**SPEEDOMETER** Reads to 140 mph. Magnolia dial **070.054(140)** (Trigger fixing) **070.361** (Screw fixing)



**SPEEDOMETER** Reads to 170 mph. Magnolia dial 070.054



**KPH SPEEDOMETER** Magnolia dial **070.055** Reads to 260 kph **070.165** Reads to 220 kph (shown)



100MM 'O' RING Spare 'O' ring for 100mm gauges. This 'O' Ring fits between the bezel and the dashboard

070.042



### 100MM FULL V RIMS

Full V rim for 100mm gauges. Rims can be changed which involves bending over the retaining tabs. This enables you to change the rim on a gauge from black to chrome etc.

070.155 Black **070.156** Chrome







LIGHTING

SWITCHES

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**ACCESSORIES** 

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BRAKES &

SUSPENSION

**CLUTCH KITS** 

**EXHAUSTS** 

FIXINGS

FUEL

SYSTEMS 8

FILTERS GAUGES

**MIRRORS** 

POWER

STEERING

SEATS 8

SEAT BELTS

WASHERS &

WIPERS

OIL & AIR

CARE &

STORAGE

OIL, GREASE

& FLUIDS

PAINT &

BODY

### **100MM HALF V RIMS**

Half V rim for 100mm gauges. Rims can be changed which involves bending over the retaining tabs. This enables you to change the rim on a gauge from black to

070.149 Black **070.150** Chrome



070.038



Capless 12 volt bulb of 2.2 watts as used in Smiths gauges LLB510

### 80MM SMITHS CLASSIC TACHOMETERS

The nominal diameter is 80mm. They connect to the contact breaker on your 12 volt distributor and are switchable for 2, 4, 6, 8 or 12 cylinder engines (easy instructions provided). Some have an additional hand (Max Hand) with which you can mark the maximum r.p.m. you wish to use on any particular journey or event. Popular for competition work. Suitable for 12 volt NEGATIVE Earth only



**TACHOMETER** 0 – 7,000 rpm. Black dial with <sup>1</sup>/2V chrome rim 070.034



MAX HAND TACHOMETER 0 - 8.000 rpm. Black dial with full V chrome rim 070.130



MAX HAND TACHOMETER 0 - 10.000 rpm. Black dial with ful V chrome rim 070.133



**TACHOMETER** 0 - 7,000 rpm. Magnolia dial with full V chrome rim 070.045



MAX HAND TACHOMETER 0 - 8,000 rpm. Magnolia dial with full V chrome rim

070.132

As above but with white dial with full V chrome rim

070.131



MAX HAND TACHOMETER 0-10,000 rpm. Magnolia dial with full V chrome rim

070.135

As above but with white dial with full V chrome rim

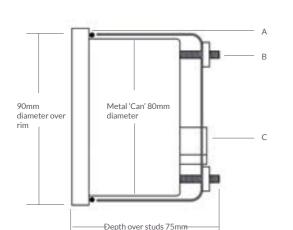
070.134



**TACHOMETER** 

0-8000 rpm. Black dial with chrome

070.002



0

- Supplied with 'O' Ring

- Two studs with bracket and thumb nuts for fitting
- Socket for electrical connection, this includes the illumination. A harness is provided for connecting three free end wires to your vehicle's electrical

These gauges are calibrated for the number of cylinders in your engine by setting a combination of 7 switches found by removing the rubber plug at the rear. Instructions are provided.

FOR LATEST PRICES REFER TO WEBSITE

### 80mm SMITHS CLASSIC MECHANICAL SPEEDOMETERS

The nominal diameter is 80mm, there is a choice of black dial (half V rim) or magnolia dial (full V rim). They have a mileage or kilometre reading and a trip reading with a remote trip reset. They connect to your gearbox using the existing cable provided it has the correct end fitting. If not we can quote for making you a new cable on receipt of the following: a) Cable fitting at gearbox end, or give make and type of gearbox. b) length of cable required. These speedometers will need calibrating



MPH SPEEDOMETER Reads to 140 mph Black dial 070.136



MPH SPEEDOMETER Reads to 140 mph. Magnolia dial 070.176



**KPH SPEEDOMETER** Reads to 240 kph. Black Dial 070.137



LIGHTING

**SWITCHES** 

IGNITION

WIRING

HEATERS &

**ACCESSORIES** 

HARDWARE

BRAKES &

SUSPENSION

**CLUTCH KITS** 

**EXHAUSTS** 

SYSTEMS & FILTERS

**GAUGES** 

MIRRORS

POWER

STEERING

SEATS &

SEAT BELTS

WASHERS &

WIPERS

OIL & AIR FILTERS

CARE &

STORAGE

OIL, GREASE

& FLUIDS

PAINT &

ANTI-RUST

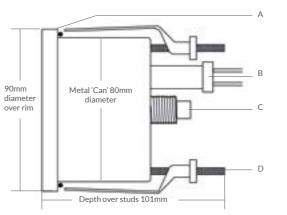
FIXINGS

ELECTRIC

FANS

BODY

**KPH SPEEDOMETER** Reads to 270 kph. Magnolia Dial 070.177





- B. Bulb & bulbholder fitted for 12 volt illumination (2 wires)
- C. SAE screw cable fitting is the normal threaded fitting found on many classic cars. The thread is 16mm diameter
- D. Two studs with clamps and thumb nuts for fitting



Flexline remote trip reset supplied with each gauge. Fits into hole in back of gauge. Requires 10 mm diameter hole at the reset button end



Spare 'O' ring for 80mm gauges. This 'O' Ring fits between the bezel and the dashboard 070.041

FOR LATEST PRICES REFER TO WEBSITE

80MM 'O' RING



### 80MM HALF V RIMS

Half V rim for 80mm gauges. Rims can be changed which involves bending over the retaining tabs. This enables you to change the rim on a gauge from black to chrome etc. 070.147 Black

070.148 Chrome (shown)





More matching Classic Gauges on following pages









### 80MM SMITHS CLASSIC ELECTRONIC SPEEDOMETERS

Technically advanced instruments with a nominal diameter of 80mm designed to match the other gauges in the Smiths Classic range. There is a choice of black dial (half V rim) or magnolia dial (full V rim). They have a mileage or kilometer reading and a trip reading with a remote trip reset. They operate electronically from 12 volts negative earth and are calibrated by you to suit the gearing on your car. To use these speedometers you will need to choose from the senders etc. shown below



LIGHTING

**SWITCHES** 

IGNITION

WIRING

HEATERS 8

ELECTRIC

**ACCESSORIES** 

HARDWARE

BRAKES &

SUSPENSION

CLUTCH KITS

EXHAUSTS

FIXINGS

FUEL

SYSTEMS 8

FILTERS

GAUGES

MIRRORS

POWER STEERING

SEATS 8

SEAT BELTS

WASHERS &

WIPERS

OIL & AIR

FANS

BODY

MPH SPFFDOMFTFR Reads to 140 mph. Black dial 070.190



MPH SPFFDOMFTFR Reads to 140 mph Magnolia Dial 070.191



KPH SPFFDOMFTFR Reads to 220 kph. Black Dial 070.192



KPH SPFFDOMFTFR Reads to 270 kph Magnolia Dial 070.193

### 100MM SMITHS CLASSIC ELECTRONIC SPEEDOMETERS

Technically advanced instruments with a nominal diameter of 100mm designed to match the other gauges in the Smiths Classic range. There is a choice of black dial (half V rim) or magnolia dial (full V rim). They have a mileage or kilometer reading and a trip reading with a remote trip reset. They operate electronically from 12 volts negative earth and are calibrated by you to suit the gearing on your car. To use these speedometers you will need to choose from the senders etc shown below:



MPH SPEEDOMETER Reads to 140 mph Black dial (shown)

070.200 Reads to 170 mph.

Black dial 070.202

CARE & STORAGE

OIL, GREASE & FLUIDS

> PAINT 9 TOOLS



MPH SPEEDOMETER Reads to 140 mph Magnolia dial

070.201

Reads to 170 mph. Magnolia dial 070.203



KPH SPFFDOMFTFR Reads to 260 kph Black Dial

070.204



KPH SPFFDOMFTFR Reads to 260 kph Magnolia Dial

070.205

### **120MM SMITHS CLASSIC GAUGES**



**SPEEDOMETER** 

Reads 0-140mph. 120mm (5") diameter with full V chrome bezel, white figures on a black dial. 12 volt negative earth electronic operation with 12 volt illumination. For sensors see previous page. Requires hole size 120mm diameter. Depth over fixing studs 77mm

070.421



### **TACHOMETER**

Reads 0-7,000 rpm. 120mm diameter with full V chrome bezel, white figures on a black dial reading to 7000 rpm. Operates electronically from 12 volts and can be switched for 4, 6 or 8 cylinder engines. With 12 volt illumination. Requires hole size 120mm diameter. Depth over fixing studs 77mm

070.422



120MM FULL V RIM - BLACK

Full V rim for 120mm gauges. Rims can be changed which involves bending over the retaining tabs. This enables you to change the rim on a gauge from chrome to black

070.423

### **60MM SMITHS CLASSIC CLOCKS**

These two 60mm clocks have not been available for well over thirty years! These quartz clocks will directly replace the Smiths mechanical clocks of the '50s and '60s - your car can now have a working clock as opposed to one 'just for show'!



### SMITHS CLASSIC 60MM CLOCK

12 volt 60mm clock with white numbers on black dial and a ½V rim. Has flexible link to push button switch used for setting. Used by Jaguar, Aston Martin, Rootes group, many '60s cars

070.408



### SMITHS CLASSIC 60MM CLOCK

12 volt 60mm clock with black numbers on magnolia dial and a full V rim. Has flexible link to push button switch used for setting

070.409



### **BLACK 60MM HALF VEE RIM**

Black 60mm Half Vee Rim. Can be fitted by carefully prising back the tabs to remove the existing rim, then fitting the new rim and squeezing the tabs in to secure it. This enables you to change the rim on a gauge from chrome to black etc

More matching Classic Gauges on following pages

### **52MM SMITHS CLASSIC FULL SCALE GAUGES**



**TACHOMETER** Flectrical 070.170



**TACHOMETER** Flectrical 070.171



**CLOCK** Flectrical 070.021



**CLOCK** Flectrical 070.065



**CLOCK** 12V negative earth 070.139

# SPEED SENSOR FOR ELECTRONIC SPEEDOMETERS You will need to mount this sensor close to a rotating disc up to 152mm (6")

070.316

speedometer









diameter. You will also need twin core screened cable 080.420 to connect to the











IGNITION WIRING

LIGHTING

SWITCHES

HEATERS & ELECTRIC FANS

**ACCESSORIES** 

BODY HARDWARE

BRAKES & SUSPENSION

**CLUTCH KITS EXHAUSTS** 

FIXINGS

SYSTEMS & FILTERS

**GAUGES** 

MIRRORS POWER STEERING

SEATS & SEAT BELTS

WASHERS & WIPERS

OIL & AIR **FILTERS** 

CARE &

STORAGE OIL, GREASE

& FLUIDS PAINT &

ANTI-RUST

### **52MM SMITHS CLASSIC FULL SCALE GAUGES (CONT.)**



LIGHTING

**SWITCHES** 

IGNITION

WIRING

HEATERS &

ELECTRIC

**ACCESSORIES** 

HARDWARE

BRAKES &

SUSPENSION

**CLUTCH KITS** 

**EXHAUSTS** 

FIXINGS

FUEL

SYSTEMS &

FILTERS

GAUGES

**MIRRORS** 

POWER

STEERING

SEATS &

SEAT BELTS

WASHERS &

WIPERS

OIL & AIR

CARE &

STORAGE

OIL, GREASE

& FLUIDS

PAINT &

TOOLS

ANTI-RUST

BODY

**OIL PRESSURE** Mechanical. 0-100 lb/sq" 070.068



**OIL PRESSURE** Mechanical. 0-100 lb/sq" 070.057



WATER TEMPERATURE\* Mechanical. 30-110°C 070.014



WATER TEMPERATURE Mechanical. 30-110°C 070.063



OIL TEMPERATURE\* Mechanical. 40-140°C 070.028



**OIL TEMPERATURE\*** Mechanical, 40-140°C 070.059



Mechanical 0-60 lb/sq" 30-110°C 070.029



Mechanical 0-100 lb/sq"

30-110°C

070.018

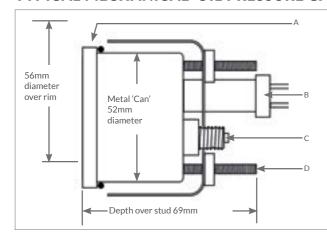
**DUAL OIL PRESSURE & WATER TEMPERATURE\*** Mechanical 0-100 lb/sq"

90-230°F

070.129

Mechanical 0-100 lb/sq", 90-230°F 070.064

### **TYPICAL MECHANICAL OIL PRESSURE GAUGE**

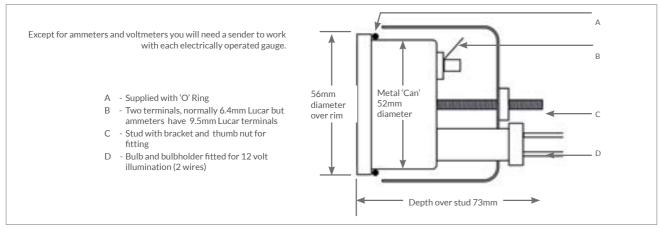


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\*Mechanical temperature and dual gauges have a capillary 1980mm long (78") and bulb for temperature measurement.

- A Supplied with 'O' Ring
- Bulb & bulbholder fitted for 12 volt illumination (2 wires)
- Oil pressure fitting, see page 33
- D Studs with brackets and thumb nuts for fitting

### TYPICAL ELECTRICAL GAUGE



### **52MM SMITHS CLASSIC QUADRANT GAUGES & 52MM SPARES**



**OIL PRESSURE** Electrical. 0-100 lb/sq" 070.006

**OIL TEMPERATURE** 

Flectrical, 50-140°C

070.008

**FUEL GAUGE** 

070.010

**VOLTS** 

070.009

10-15 volts

**GAUGES** 

070.024

070.025

1.5 metres long

3.0 metres long

Electrical,  $0-\frac{1}{2}-\frac{4}{4}$ 



**OIL PRESSURE** Electrical. 0-100 lb/sq" 070.056



OIL TEMPERATURE Electrical, 50-140°C



**FUEL GAUGE** Electrical  $0 - \frac{1}{2} - \frac{4}{4}$ 070.061



070.060



10-15 volts





**OIL PIPE FOR MECHANICAL** 







**OIL PRESSURE** Mechanical. 0-100 lb/sq" 070.007



WATER TEMPERATURE Electrical. 50-140°C 070.013



**070.022** -60 to +60 amps **070.079** -30 to +30 amps





The Vacuum Gauge uses a modern stress / strain gauge sender attached to the intake manifold of the engine. You will require a sender unit for this gauge, part number 070.449 070.448



LLB510

52MM HALF V RIM Half V rim for 52mm gauges. Black

070.145



With leads for Smiths classic gauges Capless 12 volt bulb of 2.2 watts

**SWITCHES OIL PRESSURE** IGNITION

LIGHTING

WIRING

HEATERS &

**ACCESSORIES** 

HARDWARE

BRAKES &

SUSPENSION

CLUTCH KITS

**EXHAUSTS** 

FIXINGS

FUEL

SYSTEMS &

FILTERS

**GAUGES** 

MIRRORS

POWER

STEERING

SEATS &

SEAT BELTS

WASHERS &

WIPERS

OIL & AIR

FILTERS

CARE &

STORAGE

OIL, GREASE

& FLUIDS

PAINT &

ANTI-RUST

BODY

ELECTRIC FANS



070.067

WATER TEMPERATURE Electrical. 50-140°C 070.062



**AMMETER 070.066** -60 to +60 amps 070.166 -30 to +30 amps



WWW.HOLDEN.CO.UK







52MM 'O' RING

070.040

Spare 'O' ring for 52mm gauges. This 'O' Ring fits between the bezel and



100mm

**TACHOMETER** 

070.121

52mm

Electrical, reads to 8,000 rpm

### Made with the original tooling, and as fitted to the original classic GT40

100mm



### **SPEEDOMETER MPH**

12 volt negative earth electronic operation. For sensors refer to 070.316 or 070.321. Reads to 200

070.440

52mm

**OIL PRESSURE** 

070.443

52mm

**AMMETER** 

(Use connector kit 080.134)

-50 to +50

070.445

Mechanical. 0-100 lb/sq"

BODY HARDWARE

BRAKES &

ELECTRIC

**ACCESSORIES** 

FANS

SUSPENSION CLUTCH KITS

EXHAUSTS

FIXINGS

FUEL SYSTEMS & FILTERS

### GAUGES

**MIRRORS** POWER STEERING

SEATS & SEAT BELTS

WASHERS & WIPERS

CARE &

STORAGE

OIL & AIR

OIL, GREASE & FLUIDS

> PAINT & ANTI-RUST TOOLS

100mm



### SPEEDOMETER KPH

12 volt negative earth electronic operation. For sensors refer to 070.316 or 070.321. Reads to 325 kph (outer scale) & 200 mph (inner scale)

070.441

52mm



WATER TEMPERATURE

Mechanical, 30 to 120°C. 3048mm (120") capillary length

070.444



**FUEL GAUGE** Reads E-1/2-F 070.446

TOP MOUNTING SENDER

provided. You will need to run a wire from the Sender to earth

100mm



### **TACHOMETER**

Electrical, negative earth. Reads to 8,000 rpm. Switchable for 4, 6 or 8 cylinders

070.442



### OIL TEMPERATURE

Mechanical, 40 to 140°C. 3,048mm (120") capillary

070.447

52mm

070.126

070.091

**FUEL GAUGE** 

For sender use 070.011, 070.012 or



**SMITHS AMMETER** -50 to +50070.125

52mm

070.123

52mm

Made with the original tooling, and as fitted to the original classic COBRA



WATER TEMPERATURE

(78") capillary length

Mechanical, 40 to 140°C, 1,980 mm

**LUCAS AMMETER** -50 to +50 070.244



ANTICLOCKWISE SPEEDOMETER

070.120

180 mph with remote trip reset. SAE screw cable

52mm

070.124

52mm



OIL TEMPERATURE

(78") capillary length

Mechanical, 40 to 140°C, 1,980 mm

**FUEL PRESSURE GAUGE** 0-10lb/sq", requires Sender 070.246 070.243



**SPEEDOMETER** Mechanical, reads to 160 mph 070.242



**OIL PRESSURE** Mechanical, 0-100 lb/sq" 070.122

1/8 NPT

**FUEL PRESSURE GAUGE** 

For use with Fuel Pressure Gauge

**SENDER** 

070.243

070.246

FILTERS

**GAUGES** 

LIGHTING

**SWITCHES** 

IGNITION

WIRING

HEATERS &

**ACCESSORIES** 

HARDWARE

BRAKES &

SUSPENSION

CLUTCH KITS

**EXHAUSTS** 

FIXINGS

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FANS

BODY

MIRRORS

POWER STEERING

SEATS & SEAT BELTS

WASHERS & WIPERS

OIL & AIR FILTERS

CARE & STORAGE

OIL, GREASE & FLUIDS

PAINT & ANTI-RUST





**RIGHT ANGLE GEARBOX** Right Angle Gearbox for Range Rovers June 1971-June 1980 070.074

### SIDE MOUNTING SENDER

Standard SMITHS fitting six holes  $5.08\,\mathrm{mm}$  diameter on  $60.33\,\mathrm{mm}$  pitch circle diameter. Gasket supplied. The arm length is adjustable for rectangular tanks of depths between 381 mm and 610 mm. After adjustment the arm is secured by soldering. Fitting and wiring instructions are provided. You will need to run a wire from the Sender to earth

Standard SMITHS fitting six holes 5.08 mm diameter on 60.33 mm pitch circle diameter. Gasket supplied. The arm length is adjustable for rectangular and cylindrical tanks of depths/diameters between 203

mm and 610 mm. After adjustment the arm is secured by soldering. Fitting and wiring instructions are

070.012

070.011













**DURITE GAUGES** 

**TACHOMETER** 

070.181

A 52mm diameter 12 volt

Tachometer. Switchable for 4, 6 or 8

cylinder engines. Negative Earth only

LIGHTING

**SWITCHES** 

IGNITION

WIRING

HEATERS &

**ACCESSORIES** 

HARDWARE

BRAKES &

SUSPENSION

CLUTCH KITS

**EXHAUSTS** 

FIXINGS

FUEL

SYSTEMS &

FILTERS

**GAUGES** 

MIRRORS

POWER

STEERING

SEATS &

SEAT BELTS

WASHERS &

WIPERS

OIL & AIR

**FILTERS** 

CARE &

STORAGE

OIL, GREASE

& FLUIDS

PAINT &

ANTI-RUST

ELECTRIC

FANS

BODY

### **TRIUMPH TR2-3A GAUGES**



### **TR2-3A AMMETER**

Classic full face slotted dial with 52 mm full vee print and LUCAS Logo

070.451

HEATERS & ELECTRIC

LIGHTING

**SWITCHES** 

IGNITION

WIRING

**ACCESSORIES** 

RODY HARDWARE

BRAKES & SUSPENSION

**CLUTCH KITS EXHAUSTS** 

FIXINGS

FUEL SYSTEMS & FILTERS

### GAUGES

**MIRRORS** POWER

STEERING

SEATS 8 SEAT BELTS

WASHERS & WIPERS

CARE &

STORAGE

OIL, GREASE & FLUIDS

PAINT & ANTI-RUST

TOOLS

52mm



chrome bezel, domed glass, white pointer, white

52mm



### TR2-3A OIL PRESSURE GAUGE PSI

52mm oil pressure gauge 0-100 psi, with open dial face with slot illumination. 52mm chrome bezel, domed glass, white pointer, white print and Jaeger logo. OE Number - 106966

070.454

52mm

TR2-3A WATER TEMPERATURE F

logo. Slot illumination 90-230 °F.

OE number 110895

070.452

52mm black dial with open face, chrome bezel.

domed glass, white pointer, white print and Jaeger



### TR2-3A FUEL GAUGE

52mm TR2-3a Fuel Gauge with domed glass and full vee chrome bezel. Features slotted black dial, illumination and British Jaeger Logo.

070.455

### **PORSCHE 356 GAUGES**

Made with the original tooling, and as fitted to the original classic Porsche 356



### **TACHOMETER**

100mm programmable 8K tachometer with black dial, green print and white pointer. Full V chrome bezel. Red sector at 6200 -7000RPM. 3 watt bulb. 0-8000 RPM

070.459

100mm



### SPEEDOMETER - KMH

100mm Stepper Speedometer with remote trip. 0-220kmh Black dial with green print, white pointer and full V chome bezel. Clamp fixing. 3 Watt bulb. 0-220KMH

070.457



### **OIL PRESSURE**

52mm 6v oil pressure gauge with black dial, green print, white pointer and full V chrome bezel. 0-70 lbs sq inch.

**M.VINTAGE & CLASSIC** 

070.456

**070.464** Sender unit



### SPEEDOMETER - MPH

100mm Stepper Speedometer 0-200 MPH. Black dial with green print and grey inner kmh scale. Full V chrome bezel. Clamp fixing and 3 watt bulb. 0-200MPH. 070.458



+44 (0) 1885 488 488

### TR2-3A WATER TEMPERATURE C

**DUAL TEMPERATURE AND FUEL** 

SMITHS logo. 2 in 1 dual gauge

100mm dual temperature and fuel level gauge

green print and white pointers. Full V chrome

with oil and battery warning lights. Black dial with

bezel. Floodlit illumination. Clamp fixing. Features

TR2-3a 30-110 °C water temperature gauge with domed glass dial and 52mm full vee chrome bezel. Features slotted dial with illumination and British Jaeger Logo. OE Number - 106965

070.453



OE Number - 106964

# WATER TEMPERATURE

**GAUGE** with Sender

52mm

52mm diameter 12 volt. Complete with 1/8 in NPTF sender and full instructions. (Ballast Resistor not needed)

070.208

A range of useful gauges with white graphics on a black dial and with a black rim



### **VOLTMETER 8-16 VOLTS**

52mm diameter, complete with mounting bracket. For use on vehicles with 12 volt electrics. Comes with full wiring instructions. Illuminated. 070.404



### **OIL PRESSURE GAUGE**



with Sender 52mm diameter 12 volt. Complete with  $\frac{1}{8}$  in NPTF sender and full instructions. (Ballast Resistor not needed)

070.209

### **BRACKETS**

**BRACKETS - 52MM GAUGES** 

Pressed steel with black finish

**070.157** Mounting bracket for one 52mm gauge **070.158** Mounting bracket for two 52mm gauges

070.159 Mounting bracket for three 52mm gauges







**OIL TEMPERATURE GAUGE** 

52mm diameter 12 volt. Complete

with 1/8 in NPTF sender and full

instructions. (Ballast Resistor not

with Sender

070.207



### **BLACK MOUNTING POD** 52MM GAUGES This pod will enable you to fit Smiths electrically

operated 52mm gauges to any car. Can be mounted either above or below the dash. Made from injection moulded black plastic 070.430



### SILVER MOUNTING POD **52MM GAUGES**

This pod will enable you to fit Smiths electrically operated 52mm gauges to any car. Can be mounted either above or below the dash. Made from injection moulded black plastic with silver anodised spun aluminium front

070.431



### **80MM TACHOMETERS**

For mounting Smiths 80mm diameter tachometers on the top of the dash. An ideal way to add a tachometer to your car. Our tachometers 070.034, 070.045, 070.130/131/132/133/ 134/135 fit this pod

070.077

**MVINTAGE & CLASSIC** 





LIGHTING

**SWITCHES** 

IGNITION

WIRING

HEATERS &

ELECTRIC

**ACCESSORIES** 

HARDWARE

BRAKES &

SUSPENSION

**CLUTCH KITS** 

**EXHAUSTS** 

FIXINGS

FUEL

SYSTEMS 8

FILTERS

**GAUGES** 

MIRRORS

POWER

STEERING

SEATS &

SEAT BELTS

WASHERS &

WIPERS

OIL & AIR

CARE 8

STORAGE

OIL. GREASE

& FLUIDS

PAINT 8

BODY

LIGHTING

SWITCHES

IGNITION

WIRING

HEATERS &

ELECTRIC

**ACCESSORIES** 

HARDWARE

BRAKES S

SUSPENSION

**CLUTCH KITS** 

**EXHAUSTS** 

SYSTEMS &

FILTERS

**GAUGES** 

MIRRORS

POWER

STEERING

SEATS &

SEAT BELTS

WASHERS &

WIPERS

OIL & AIR FILTERS

CARE &

STORAGE

OIL, GREASE

& FLUIDS

PAINT &

ANTI-RUST

FIXINGS

FUFL

FANS

RODY

### **GAUGE WIZARD**



Guage Wizard 070.039

This wizard can be calibrated for sensors and gauges between 0 and 1000 Ohms, and any variation in between, including reverse reading. Calibration is by push-button selection of menu items (detailed in the instructions). As well as the traditional ways of calibrating the module, there are also pre-programmed sender profiles.

This requires a 12V Voltage stabiliser to be fitted to the power line before the wizard. This product has been found to NOT work with "Stack" fuel gauges. NOTE, FOR 24 VOLT USERS ONLY the Wizard requires a 12v Supply but can drive gauges that are running on a 24V supply. Add a stabiliser to your order (below) with the stabiliser option 24V in and 12V out.

### GAS GAUGE, TEMPERATURE GAUGE WIZARD

- Matches senders to gauges, even reversed ones
- Works on most senders and gauges
- Can compensate for reverse gauge, reading low, reading high, adjustable Anti-Slosh and two-stage Low Fuel
- NEGATIVE EARTH ONLY
- 0-5V output for calibrating when not used with a gauge. (Firmware 4.5 only)

This electronic circuit design:

- Allows virtually any resistive sender to work with virtually any Gauge. (petrol, diesel, LPG, water etc.)
- Requires a +12 Volts supply (negative earth)
- With 5 calibration points, it can cope with non-linear senders and gauges as well as oddly shaped tanks
- Has adjustable Anti-Slosh (responds slowly to input changes )
- Two-stage (steady and flash) fully adjustable low fuel warning (or high temperature etc.)
- Light output capable of driving standard bulbs or LEDs

GAUGE WIZARD - MATCHES FUEL GAUGE WITH SENDER UNIT 070.039

# **VACUUM GAUGES**

### FITTINGS FOR VACUUM GAUGES



VACUUM ADAPTOR

Threaded 2 BA for fitting into the engine manifold to make a vacuum connection. Supplied with screw to seal it off when not in use. For pipe refer to 030.018

070.350



VACUUM PIPE

4.5mm internal diameter. Blue/black 030.018



SENDER

Sender unit for Smiths Classic Vacuum Gauge, part number 070.448 070.449



VACUUM

The Vacuum Gauge uses a modern stress / strain gauge sender attached to the intake manifold of the engine. You will require a sender unit for this gauge, part number 070.449

070.448

Manifold Flange Adaptors designed to alleviate drilling and tapping the manifold when fitting a vacuum gauge. Fits between the carburettor and manifold and can be reversed enabling take off from four different angles. Supplied with blanking screw and 'built in restrictor'



FLANGE ADAPTOR

Fits 1<sup>1</sup>/<sub>4</sub>" SU carburettors type H2, HS2 and HD2 as found on the Mini and Metro

070.351



FLANGE ADAPTOR
Fits 1½" SU carburettors type H4,

HS4 and HD4

070.352

0



**FLANGE ADAPTOR** Fits 1½2 SU carburettors type H6,

HS6 and HD6

070.353



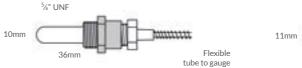
### FLANGE ADAPTOR Fits Weber/Solex twinchoke

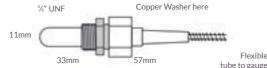
downdraught carburettors

N7N 35A

### **SENDERS FOR SMITHS TEMPERATURE GAUGES**

Mechanically operated temperature gauges come fitted with a flexible capillary tube leading to a copper bulb. There are two types but both are supplied fitted with an adaptor which provides a 5%" UNF male thread for screwing into the block





Electrically operated temperature gauges require a sender which screws into the head or block:



### 5/8" UNF TEMPERATURE SENDER

Temperature Sender threaded  $\frac{5}{8}$ " UNF (18 t.p.i.) suitable for use with electrical oil and water temperature gauges. There is often a  $\frac{5}{8}$ " UNF tapping in the head or block for a water temperature sender. If there is not enough length within the head or block to accommodate this Sender use Adaptor 070.044 to give you more length

070.017



### 1/8" NPTF TEMP SENDER

Temperature Sender threaded ½" NPTF (27 t.p.i.) suitable for use with Smiths electrical oil and water temperature gauges. Fits MGs, Triumph Spitfire, Reliant Scimitar (to 1976), Hillman Imp etc, or into 'T' piece adaptors

070.016



### 5/8" UNF TEMP SENDER FOR MINI & MGB

Temperature Sender threaded  $\frac{5}{6}$ " UNF (18 t.p.i.), with brass body. Fits Mini 998cc & MGB 1976+ for use with the original gauge on the car

070.047



### 5/8" UNF TEMP SENDER FOR TRIUMPHS

070.048



# ADAPTOR 5/8" UNF FOR WATER TEMPERATURE SENDER 070.017

Adaptor for use with Temperature Sender 070.017. This Adaptor has a 5% " UNF male thread to screw into the water gallery. The other end is also 5% " UNF, but a female thread to suit Sender 070.017. If more depth is required to fit the bulb you can use two of these adaptors screwed into each other. It can also be used with mechanically operated temperature gauges to provide more depth for the bulb in the block

070.044



# ADAPTOR 3/8" BSP FOR WATER TEMPERATURE SENDER 070.017

Adaptor which can be used with Temperature Sender 070.017. This Adaptor has a  $^3\!/_6$ " BSP male thread to screw into the water gallery. The other end is a  $^5\!/_6$ " UNF female thread to suit Sender 070.017. If more depth is required to fit this sender it can be gained by also fitting Adaptor 070.044

070.257



### ADAPTORS FOR MECHANICAL WATER TEMPERATURE GAUGES Also for Dual Gauges

This has a  $\frac{3}{8}$ " UNF male thread to screw into the water gallery. The gauge has a capillary tube with a bulb on the end and a  $\frac{3}{8}$ " BSP nut. The bulb fits into

bulb on the end and a  $^3/_8$ " BSP nut. The bulb fits into this Adaptor and is secured and sealed by the nut. These two threads are very similar in appearance the slightly shorter thread is  $^5/_8$ " UNF and goes into the block

### 070.043

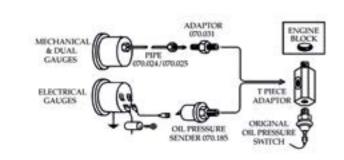
Similar to above but  $^3/_8$ " NPTF to screw into block **070.073** 

If more depth is required to fit the bulb it can be gained by also fitting Adaptor 070.044



### **SENDERS FOR SMITHS OIL PRESSURE GAUGES**

For use with Oil Pressure and Dual Gauges. For T Piece Adaptors, see next page





LIGHTING

**SWITCHES** 

IGNITION

WIRING

HEATERS &

ELECTRIC

CLUTCH KITS

**EXHAUSTS** 

FIXINGS

FUEL

SYSTEMS &

FILTERS

GAUGES

**MIRRORS** 

POWER

STEERING

SEATS 8

SEAT BELTS

WASHERS &

WIPERS

OIL & AIR

CARE &

STORAGE

OIL, GREASE

& FLUIDS

PAINT &

ANTI-RUST

FANS

### 1/8" NPTF OIL PRESSURE SENDER

Oil Pressure Sender threaded 1/8" NPTF (27 t.p.i.) suitable for up to 100 lbs per square inch gauges. Screws directly into block on some engines, including MGs, Triumph Spitfire, Reliant Scimitar (to 1976), Hillman Imp etc. or screws into 'T' Pieces or adaptors 070.258 or 070.259

070.185





### 1/8" NPTF OIL PRESSURE ADAPTOR

Straight Adaptor to suit Oil Pipes 070.024 and 070.025. Threaded  $\frac{1}{6}$ " NPTF (27 t.p.i.) to screw into block or into one or other of the 'T' Pieces or



### OIL PIPE FOR MECHANICAL GAUGES

For use between the mechanical oil pressure gauge and adaptor 070.031

1.5 metres long (shown)

070.024

3.0 metres long

070.025

Connector to join two pipes together. 1/8" BSP to 1/8" BSP

0

070.416



### 1/4" BSP OIL PRESSURE SENDER

Oil Pressure Sender threaded 1/4" BSP (19 t.p.i.) suitable for up to 100 lbs per square inch gauges. Screws directly into block on some engines

070.186



### 1/2" UNF OIL PRESSURE SENDER

Oil Pressure Sender threaded ½" UNF (20 t.p.i.) suitable for up to 100 lbs per square inch gauges. Screws directly into block on some engines, including Land Rover V8 and Range Rover

070.187



Adaptors 070.258 or 070.259



### For Oil Pressure Gauges

This Adaptor has a 3/8" BSP male thread to screw into your oil gallery and a female thread into which you can fit Oil Pressure Adaptor 070.031 for mechanical gauges or Oil Pressure Sender 070.185 for electrical gauge

070.259



### ADAPTOR 5/8" UNF For Oil Pressure Gauges

This Adaptor has a  $\frac{5}{8}$  UNF male thread to screw into your oil gallery and a female thread into which you can fit Oil Pressure Adaptor 070.031 for mechanical gauges or Oil Pressure Sender 070.185 for electrical gauges

070.258



OIL PIPE FOR MECHANICAL GAUGES

1170mm long black oil pipe for use between our mechanical oil pressure gauges and the standard fitting on the engine block of B Series engines, such as

070.366

### T PIECE ADAPTORS FOR SMITHS OIL PRESSURE GAUGES

For use with Oil Pressure and Dual Gauges



Enables you to fit a mechanical or electrical gauge and retain your original oil pressure switch. These adaptors fit in place of your original oil pressure switch which is then screwed into the end of the adaptor. The side take-off 'B' is tapped 1/8" NPTF (27 t.p.i.) into which you can fit Oil Pressure Adaptor 070.031 for mechanical gauges or Oil Pressure Sender 070.185 for electrical gauges

Size 'A' & 'C'	Car Makes	Part No.
<sup>1</sup> / <sub>4</sub> "x18 NPT	Fords, Reliant Scimitar/SS1, Saab 250/95, Vauxhall Carlton, Viceroy, Viva HC (post 76)/Chevette/Royale/Cavalier/ Viva HA & HB (exc 1600)/GT/HC (pre 76)/Firenza/Magnum 2.3L/VX 1800/2300 (76 on)/VX 4/90 FD & FE/Victor FE/Viva 1600/Firenza 1600/1800 & 2000/Victor Ventora FD	070.026
³/₀" BSF	Land Rover (not V8), Rover P6, 2000, 2200	070.027
¹/₀"x27 NPTF	Mini, MGs, Triumph Spitfire, Reliant Scimitar (to 1976), Hillman Hunter, Avenger & Imp, DAF 33/44, Saab 99/900 etc.	070.033
¹/8"x28 BSPT	Triumph TR7	070.250
½" UNF	Land Rover V8, Range Rover, Jaguar 6 cyl	070.251
M10 x 1	Volkswagen (not LT), Audi, Skoda, Alfa Romeo (not Alfasud)	070.252
M12 X 1.5	BMW, Citroen GS/LN/2CV, Fiat 500/124/126/127/128/Panda, Talbot-Simca 1100/1307/1308/1309/1510/Horizon/Solara	070.253
M14 X 1.5	Alfasud, Citroen CX/BX, DAF 55/66, Saab 90, Volvo 340/343/66/1800, Opel, Lada, Vauxhall 1600/2000/FWD/Nova	070.254
M16 X 1.5	Peugeot 204/205 GTi/304/305/504/505. Talbot-Simca Tagora/Samba	070.255
M18 X 1.5	Peugeot 104	070.256
-	90 degree Adaptor for use where space is at a premium	070.418
1000	Blanking Plug for use when you wish to disconnect your gauge	070.417

LIGHTING

**SWITCHES** 

IGNITION

WIRING

HEATERS & ELECTRIC FANS

**ACCESSORIES** 

BODY HARDWARE

SUSPENSION CLUTCH KITS

BRAKES &

**EXHAUSTS** 

FIXINGS

SYSTEMS & FILTERS

**GAUGES** 

MIRRORS

POWER STEERING

SEATS & SEAT BELTS WASHERS &

WIPERS OIL & AIR

FILTERS CARE & STORAGE

OIL, GREASE & FLUIDS

PAINT & ANTI-RUST





WIRING

BODY HARDWARE

BRAKES & SUSPENSION

CLUTCH KITS **EXHAUSTS** 

FIXINGS

FUEL SYSTEMS 8 FILTERS

GAUGES

MIRRORS

POWER STEERING

SEATS 8

SEAT BELTS WASHERS &

WIPERS

CARE & STORAGE

OIL, GREASE & FLUIDS

PAINT 8



# **SCAN ME**



https://youtu.be/ CyBHd0T9TdA

**TOP MOUNTING** 

Top mounting adjustable tank sender

unit. 5 Hole fitting. Adjustable

blade terminal. Suits the Smiths

International range of gauges

between 6" and 24". Earth return

240-33 ohms bimetal characteristic

Fuel Tank Sender

If you are looking for any practical advice, we have a large number of instructional videos on YouTube. (The video above explains how to correctly choose the right fuel sender unit for your car.)

### **FUEL TANK SENDERS FOR USE WITH OUR SMITHS GAUGES**

These three senders will only work with bi-metal fuel gauges. They will not work with the earlier moving coil instruments. All SMITHS fuel gauges offered on the previous pages are bi-metal, so these senders will work with them:



### **SIDE MOUNTING**

Fuel Tank Sender Standard SMITHS fitting six holes 5.08 mm diameter on 60.33 mm pitch circle diameter. Gasket supplied. The arm length is adjustable for rectangular tanks of depths between 381 mm and 610 mm. After adjustment the arm is secured by soldering. Fitting and wiring instructions are provided. You will need to run a wire from the sender to earth. Reads 20 ohms empty and 220 ohms full. 12 volt





### SIDE MOUNTING SENDER FOR **CLASSIC MINI**

The special Fuel Tank Sender for the Mini. It fits to the side of the tank and is secured with the locking ring (sorry, not supplied by us). This Sender will work with all Mini Fuel Gauges which

070.119



Fuel Tank Sender Standard SMITHS fitting six holes 5.08 mm diameter on 60.33 mm pitch circle diameter. Gasket supplied. The arm length is adjustable for rectangular and cylindrical tanks of depths/diameters between 203mm and 610 mm. After adjustment the arm is secured by soldering. Fitting and wiring instructions are provided You will need to run a wire from the sender to earth. Reads 20 ohms empty and 220 ohms full. 12 volt

### 070.011



### JAGUAR MK7/8 Fuel Tank sender unit for Jaguar

MK7/8 LH

### 070.462

Fuel Tank sender unit for Jaguar MK7/8 RH

070.463





**TOP MOUNTING** 

Top mounting. Five hole fitting. Rubber

gasket supplied. The arm length is

adjustable for rectangular tanks of

depths between 180mm and 660mm.

Reads 10 ohms empty and 180 ohms

As above but six hole fitting. For use

with fuel gauges 070.010 and 070.061

Fuel Tank Sender

### JAGUAR XK120 Fuel Tank sender unit

for Jaguar XK120 070.461

### **ORIGINAL COBRAS**

Fits to the top of the tank. Resistor box fits to a vertical rod and can be adjusted to the correct position for the pivot. Rod can then be cut to length. The float fits to the float arm and can be adjusted to the required position. Flange is 5 hole fitting. Comes with full instructions. As supplied to AC Cars right up to and including the Mk 4. Adjustable between 6 and 24 earth return 10-180 ohms. Blade terminals Click here to see our PDF on testing fuel senders.



### FUEL TANK SENDERS FOR USE WITH ORIGINAL MOVING COIL GAUGES



WWW.HOLDEN.CO.UK

### TOP MOUNTING FOR **ORIGINAL MOVING COIL FUEL GAUGES**

Replacement for the original SMITHS six hole senders which mount on the TOP of the fuel tank. Works with original moving coil fuel gauges. Supplied with a plastic float and rubber gasket. Fitted with a standard arm secured by a grub screw which may have to be adjusted for specific applications which include Austin Healey Sprite Mk I and Mk II and MG Midget Mk I, Austin Healey BN1/2, Le Mans, BN4, BN6/7, BT7, BT7 Mk 2, BJ7, BJ8, Triumph TR2, TR3, TR3a, TR4 and TR4a. 12 volt

SIDE MOUNTING FOR LOW

**FUEL LIGHT ON MG TC/TD/TF** 

Replacement for the original Smiths

which does not have a fuel gauge, just

Supplied with a rubber or cork gasket.

a low fuel warning light on the dash.

similar system. For the warning light

six hole Sender on MG TC/TD/TF

Can be used on other cars with a

FLOAT FOR FUEL TANK

White plastic Float for all the fuel

also be adapted to replace original

cork floats. Overall length 55mm,

maximum overall diameter 31mm

and the diameter where the wire fits

FOR LATEST PRICES REFER TO WEBSITE

tank senders we offer here. Can

SENDERS

is 25mm

070.241

refer to 38018

070.235

### 070.233



### **FUEL GAUGES** Replacement for the original

SMITHS six hole senders which mount on the SIDE of the fuel tank. Works with original moving coil fuel gauges. Supplied with a plastic float and rubber gasket. Fitted with a standard arm secured by a grub screw which may have to be adjusted for specific applications. This type was originally fitted to the MGA and MG ZA/ZB Magnette 12 volt

### 070.236



### SIDE MOUNTING FOR **ORIGINAL MOVING COIL FUEL** GAUGES (TWO TERMINAL)

Replacement for the original SMITHS six hole senders which mount on the SIDE of the fuel tank and have two terminals. One for the fuel gauge and one for the low fuel level warning light. Works with original moving coil fuel gauges. Supplied with a plastic float and rubber gasket. Fitted with a standard arm secured by a grub screw which may have to be adjusted for specific applications. This type was originally fitted to the Jaguar XK140 and others. 12 volt operation

### 070.227



### **FUEL TANK SENDER**

Six hole sender 3 ohms empty - 80 ohms full Insulated return suits moving coil

Design is essentially top mount but the rod can be bent to accommodate side fitting. Adjustable between 6" and 24"

LIGHTING

SWITCHES

IGNITION

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HEATERS &

ELECTRIC

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FANS

BODY

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SUSPENSION

**CLUTCH KITS** 

**EXHAUSTS** 

FIXINGS

FUEL

SYSTEMS &

**FILTERS** 

**GAUGES** MIRRORS

POWER

STEERING

SEATS &

SEAT BELTS

WASHERS 8

WIPERS

OIL & AIR

**FILTERS** 

CARE &

STORAGE

OIL, GREASE

& FLUIDS

PAINT & ANTI-RUST

### 070.450



### SIDE MOUNTING MGB UP TO GHN3 47462

Replacement for the original SMITHS six hole sender on MGB up to GHN3 47462. Supplied with rubber gasket. Works with original Jaeger moving coil fuel gauge 070.237

FLOAT FOR FUEL TANK

White plastic float for all fuel tank

also be adapted to replace original

cork floats. Overall length 55mm.

maximum overall diameter 31mm

and the diameter where the wire fits

senders we offer here, and can

**SENDERS** 

is 25mm

070.229



### SIDE MOUNTING SENDER FOR CLASSIC MINI

Mini. It fits to the side of the tank and is secured with the locking ring (sorry, not supplied by us). This Sender will work with all Mini Fuel Gauges which are within the Speedometer



# The special Fuel Tank Sender for the

### 070.119



### TOP MOUNTING SENDER FOR ORIGINAL FORD 6 VOLT FUEL GAUGES

Top Mounting. Ford fitting, six holes 6mm diameter on 69mm pitch circle diameter. Arm length approximately 210mm with brass float. Gasket and screws supplied. Fitting and wiring instructions are provided. You will need to run a wire from the Lucar earth terminal to earth. For use with original Ford 6 volt fuel gauges only. The maximum resistance of this sender is 140 ohms

### 070.228



### **CORK GASKET**

for 6-hole Senders For Smiths fuel tank senders with 6

070.230



### **SET OF SCREWS**

for 6-hole Senders For Smiths fuel tank senders with 6 holes. 5/32" Whitworth

070.226













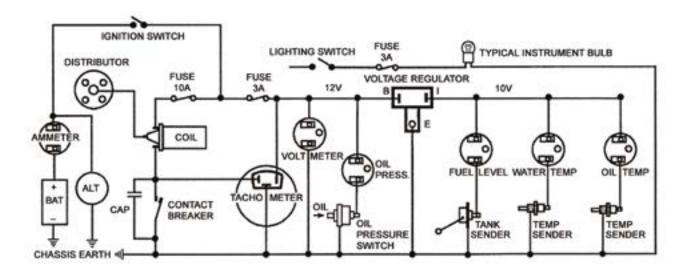




### FOR LATEST PRICES REFER TO WEBSITE

# **SMITHS CLASSIC GAUGES**

### WIRING DIAGRAM FOR SMITHS CLASSIC GAUGES



### **ELECTRICAL FITTINGS FOR SMITHS GAUGES**

Some Smiths Classic electrically operated gauges require a voltage stabiliser to regulate the voltage supply. See VOLTAGE REGULATOR in the wiring diagram above.. At least one stabiliser is required per three gauges:



### MIRRORS VOLTAGE STABILISER

LIGHTING

SWITCHES

WIRING

HEATERS &

HARDWARE BRAKES &

SUSPENSION

CLUTCH KITS

FIXINGS FUEL SYSTEMS &

**GAUGES** 

**POWFR** 

STEERING

SEATS &

SEAT BELTS

WASHERS &

**WIPERS** 

OIL & AIR

STORAGE

OIL, GREASE & FLUIDS

PAINT &

250

070.019

0/0.019

For positive earth **070.362** 

For negative earth



## VOLTAGE STABILISER FOR MINI

This is a special unit for classic Mini

070.118



**VOLTAGE REDUCER** 

6v car to 12v negative

to use the original 6v

gauges and senders this

electronic device allows

you to do this. Use one

for each gauge but not

normally the ammeter.

070.364

Goes on the back of gauge.

Full instructions supplied

If you have converted your

earth and wish to continue

# ADJUSTABLE VOLTAGE STABILISER

Positive earth only Electronic replacement for the Smiths voltage regulator BR1307/00. This unit is adjustable from 7 volts to 11 volts but comes factory set at 10 volts. By adjusting the potentiometer you can adjust your gauges.

070.049



### ADJUSTABLE VOLTAGE STABILISER

Negative earth only Electronic replacement for the Smiths voltage regulator BR1307/00. This unit is adjustable from 7 volts to 11 volts but comes factory set at 10 volts. By adjusting the potentiometer you can adjust your gauges

070.050

### SENDERS FOR SMITHS TEMPERATURE GAUGES

Another method of fitting the sender for water temperature gauges is to to fit one of these housings into a water hose:

### HOUSING FOR WATER TEMPERATURE SENDER

A housing that enables you to fit an electrical or mechanical sender into your top radiator hose to measure water temperature. Threaded  $\frac{5}{k}$  UNF (18 t.p.i.)



Hose diameter	Part No.
25mm	*080.879
30mm	*080.880
35mm	080.881
38mm	080.883

\*Mechanical bulbs will require Adaptor 070.044



If your gauge is electrical use Electrical Sender **070.017** 



