

35 Oil Valves and Pumps

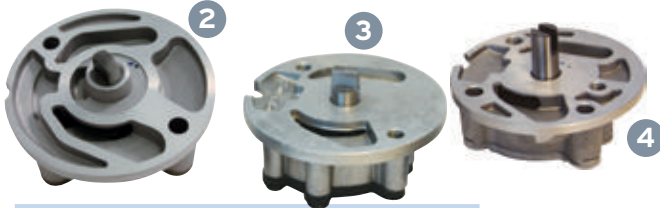


Oil Pumps

The precision machined and built sureflow oil pump has not been available since late 2005. Mini Spares stock only standard type oil pumps, and have tested all the range to ensure good performance and reliability.

If fitting a 1300cc oil pump to 998cc blocks a spacer 12G1127 would still be required. When changing the camshaft we recommend you purchase an A-plus type, which has stronger 1/2" lobes and fit the corresponding oil pump to block type.

1. 998cc spade drive A-plusGLP139
2. 1300cc slot drive A-plusGLP138
3. Steel backed oil pump with increased pumping capacity as required, originally on Turbo engines GLP110MS
4. Pin drive early small bore engines except 'S'.....GLP142
5. Star drive..... GLP141



Flow comparison - gallons per minute/litres per minute at 1000rpm.

MSC Sureflow oil pumps	1.41/6.4
MSC Turbo oil pump	1.78/8.1
Holburn Eaton steel backed pump	1.32/6.0
Concentric 5 into 6 rotor/annulus.	1.27/5.8



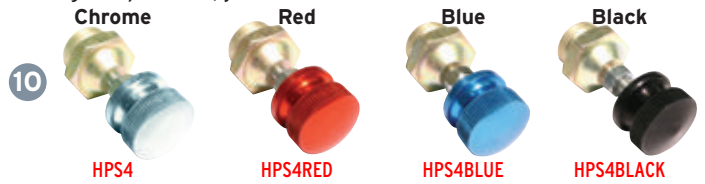
Oil Switches and Transducers

6. A high pressure oil warning light switch is available to help protect the engine. The standard one comes on at 7lb much too late a warning to avoid any damage. The high pressure one HPS1 comes on at 22lb, and is a direct replacement for the standard one. But this is a 15-60lb high pressure adjustable oil warning light switchHPS3
7. Standard on all twin point cars from 1996 which have an electrical oil temperature gauge. This transducer switch replaces the oil pressure release valve cap on the engine block.YCB100320
8. a. Standard oil switch that activates at about 7-10LBGPS133
b. High pressure oil switch that activates at about 22LB. HPS1
9. Oil pressure switch fitted from 1996 on.GPS135



Oil Pressure Regulator Kit

10. Oil pressure regulator kit is a simple way of increasing or decreasing oil pressure by the turn of a knob. You do not need high oil pressure; just consistent. Available in four knob colors.



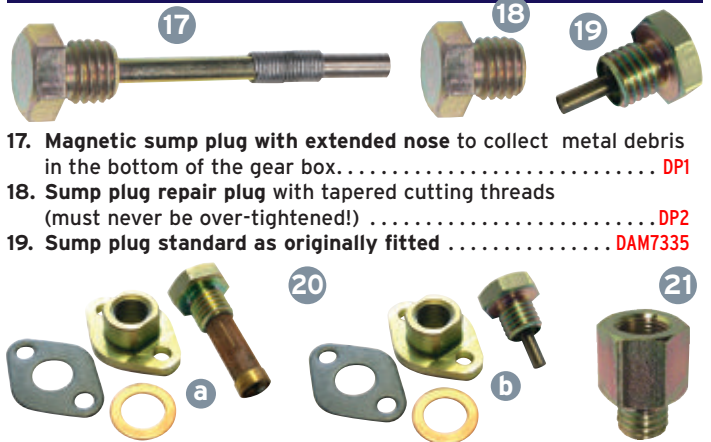
11. Original Cooper 'S' oil release valve spring, shorter and stronger than the standard mini spring AEA536
12. Ball bearing to replace standard valve cap (cap shown as no. 15). Often used on performance engines where dirt or debris could get trapped around the standard valve (must use with AEA536). BLS916
13. Ball / oil release valve kit. (Items 11 & 12 together)..... AEA536KIT



14. Standard oil pressure spring 6K853
15. Original type oil release valve cap. Factory fitted 12H865
16. Standard oil release valve kit. (No's 14 & 15 in kit) 6K853KIT

Drain Plugs & Magnetic Oil Traps

17. Magnetic sump plug with extended nose to collect metal debris in the bottom of the gear box. DP1
18. Sump plug repair plug with tapered cutting threads (must never be over-tightened!) DP2
19. Sump plug standard as originally fitted DAM7335
20. Magnetic oil trap. Fits in place of oil pick up plate on the rear of gearbox.
a. With filter..... HPS5
b. Without filter..... HPS6
21. Transmission drain plug with threaded hole when using Smiths small capillary type oil temperature gauge HPS8



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