

Oil Filter Sandwich Plates

Oil Filter Sandwich Plates are designed specifically to add an oil cooler to your wet-sump oil system. The sandwich plate installs on your engine under your spin-on oil filter (between the filter and the block) to provide inlet and outlet ports to connect your oil plumbing. An oil thermostat between the remote filter and the cooler

is recommended to reduce the high pressures resulting from cold, viscous oil being forced through the cooler. Advantages of a sandwich plate over a remote oil filter include keeping the filter in the original location, eliminating the remote filter head and associated plumbing, and retaining the original oil filter thread.

Cast Aluminum Sandwich Plates with Bypass



Sandwich Plate with Bypass
Part No. 1231-3/4x16

These economical sandwich plates have a built-in pressure relief valve. When the oil is cold and thick, the bypass valve will open to allow the (filtered) oil to return directly to the engine. This helps to prevent overpressurizing the cooler. All of these sandwich plates have 3/8 NPT female ports and measure 1" thick. All sizes have a 2.5" diameter O-ring seal.

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|--|-------------------------|---------|
| 3/4-16 Filter Thread | Part No. 1231-3/4x16 | \$43.99 |
| 13/16-16 Filter Thread, 2 1/2" and 3 1/8" | Part No. 1231-13/16x16 | \$42.99 |
| 18 x 1.5mm Filter Thread | Part No. 1231-18x1.5 | \$42.99 |
| 20 x 1.5mm Filter Thread, 2 1/2" and 3 1/8" | Part No. 1231-20x1.5 | \$42.99 |
| 22 x 1.5mm Filter Thread | Part No. 1231-22x1.5 | \$42.99 |
| Replacement 2.50" dia. O-Ring for all sizes above | Part No. 1235-2.50 inch | \$1.99 |
| Replacement 3.12" dia. O-Ring, 13/16 and 20mm only | Part No. 1235-3.12 inch | \$3.49 |

Cast Aluminum Sandwich Plates with Thermostat



A simple bypass valve is a great safety feature, but if you want more control, a thermostat is a better choice. These sandwich plates from Setrab have a built-in thermostat that opens at 180°F (82°C) to force all oil to go through the cooler. (Below 180°F, the thermostat acts as an open bypass valve.) These plates have M22 female O-ring ports to accept Setrab M22 adapters (sold separately on page 77). All sizes have a 2.5" diameter O-ring.

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|--------------------------|------------------------------|----------|
| 3/4-16 Filter Thread | Part No. SET-SPT76-34-180-22 | \$110.00 |
| 20 x 1.5mm Filter Thread | Part No. SET-SPT76-20-180-22 | \$110.00 |
| 22 x 1.5mm Filter Thread | Part No. SET-SPT76-22-180-22 | \$110.00 |

Billet Aluminum High-Flow Sandwich Plates



Canton Sandwich Plate
Part No. CM 22-545

These high-flow sandwich plates from Canton are machined from billet aluminum with a tough black anodized finish. They do not have a thermostat or bypass valve, so an external oil thermostat is required to prevent overpressurizing your cooler with cold, thick oil. All of these sandwich plates have large 1/2 NPT female ports and measure 1 1/4" thick. All sizes have a 2.5" diameter O-ring seal.

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|--------------------------|--------------------|---------|
| 3/4-16 Filter Thread | Part No. CM 22-545 | \$81.99 |
| 13/16-16 Filter Thread | Part No. CM 22-546 | \$81.99 |
| 18 x 1.5mm Filter Thread | Part No. CM 22-547 | \$81.99 |
| 20 x 1.5mm Filter Thread | Part No. CM 22-548 | \$81.99 |
| 22 x 1.5mm Filter Thread | Part No. CM 22-549 | \$81.99 |
| Replacement Seal Kit | Part No. CM 98-004 | \$7.49 |

Cast Aluminum High-Flow Sandwich Plates



High-flow Sandwich Plate with 1/2 BSP Ports
Part No. 1236-3/4x16

Chevy V-8 Sandwich Plate
Part No. 1232

If you install a separate oil thermostat (see page 77), you can get away with a full-flow sandwich plate. These plates force all of the oil through the cooler at all times, regardless of pressure or temperature. We do not recommend using them with a cheap oil cooler!

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|---|----------------------|---------|
| 13/16-16 Filter Thread, 3 1/8" dia. O-Ring, 3/8 NPT ports | Part No. 1232 | \$54.99 |
| <i>This special plate fits Chevy V8s with a recessed filter landing. Measures 1 7/8" thick.</i> | | |
| 3/4-16 Filter Thread, 2.5" O-Ring, 1/2 BSP ports | Part No. 1236-3/4x16 | \$54.99 |
| <i>This is the sandwich plate commonly used on FC/S2 and Ford 2.0L Pinto racing engines.</i> | | |
| Replacement O-Ring for Part No. 1236 | Part No. 1254 | \$2.99 |

Spin-On Oil Filter Thread Application Chart

| Acura | Ferrari / Fiat | Buick / Olds / Pontiac |
|--|---|--|
| All except below..... 20mm | All that use spin-on..... 70+ 3/4-16 | V-8 Buick only..... All..... 13/16-16, 3 1/8" O-Ring |
| Integra..... 86-87..... 22mm | Ford / Lincoln / Mercury | V-8 All others..... All..... 13/16-16 |
| Legend (2.7L), 3.2TL, 3.5RL..... 88-14..... 22mm | Cortina, Pinto, Escort..... 71+ 3/4-16 | V-6, Quad 4..... All..... 18mm |
| NSX..... 91-05..... 22mm | V-8 All except Modular..... 58+ 3/4-16 | Porsche |
| Alfa Romeo | Modular V-8 (4.6, 5.4)..... 92+ 22mm | 911..... 65-71..... 3/4-16 |
| 2.0L and V6..... All..... 3/4-16 | V-6 12 valve and SHO..... 87+ 3/4-16 | 911..... 72-95..... 1-12 |
| Audi | V-6 24 valve..... 95+ 22mm | 911 Turbo..... 91-94..... 20mm |
| All that use spin-on..... All..... 3/4-16 | Probe (All)..... 93-97..... 20mm | 911 3.6L..... 94-98..... 20mm |
| BMW | Thunderbird, Lincoln LS..... 02-05..... 1-12 | 914 (4 cyl)..... 70-77..... 3/4-16 |
| All that use spin-on..... All..... 3/4-16 | Honda | 924..... 77-83..... 3/4-16 |
| British Leyland | All except below..... 88-06..... 20mm | 928..... 78-95..... 20mm |
| MGB (incl GT), Spridget..... 70+ 3/4-16 | Civic / CRX..... 84-87..... 22mm | 944 incl. turbo..... 82-95..... 20mm |
| Cadillac | Mazda | SAAB |
| V-8 All except below..... All..... 13/16-16 | Miata, MX-5..... All..... 20mm | 99, 900, 9000 (4 cyl)..... 71-98..... 3/4-16 |
| V-6..... 85+..... 18mm | Rotary (all RX Series)..... 71+..... 20mm | 900, 9000 V6..... 94-98..... 18mm |
| XLR-V, STS-V..... All..... 22mm | Mazda 3..... 04-06..... 20mm | 9-3, 9-5..... 99-02..... 3/4-16 |
| Chevrolet | Mazda 6 V6..... 03-06..... 22mm | 9-2x, 9-3, 9.5..... 03-12..... 20mm |
| V-8 All except below..... 68-01..... 13/16-16, 3 1/8" O-Ring | Trucks, SUVs except late MPV..... 89-98..... 3/4-16 | 9.7x..... All..... 13/16-16 |
| LS1..... 97+..... 13/16-16 | MPV..... 99-06..... 22mm | Saturn |
| Z06..... 06+..... 22mm | Mercedes | All 19L..... 91-01..... 3/4-16 |
| ZR1..... All..... 20mm | 190 except 16v..... All..... 3/4-16 | Vue Redline, Relay 3.5..... All..... 20mm |
| V-6..... 78+..... 18mm | 300 except CE..... All..... 3/4-16 | Toyota / Lexus / Scion |
| Dodge / Chrysler / Plymouth | Mitsubishi | All gas..... 70+ 3/4-16 |
| All gas except below..... 59-07..... 3/4-16 | All gas except below..... 83+..... 20mm | VW |
| V-8 All..... 08+..... 22mm | Eclipse (non-turbo)..... 95-99..... 3/4-16 | All that use spin-on..... 75+ 3/4-16 |
| Stealth, Colt, Laser..... 89-98..... 20mm | Nissan / Datsun / Infiniti | Volvvo |
| Eagle | All gas except below..... 74+ 3/4-16 | All gas..... 90-99..... 3/4-16 |
| Talon (non-turbo only)..... 95-98..... 3/4-16 | Altima, Maxima, Sentra..... 93-04..... 20mm | |
| Talon (all others)..... 89-98..... 20mm | I30, I35, G35..... 96-04..... 20mm | |
| Vision..... 93-97..... 3/4-16 | 200SX, 300ZX, 350Z..... 90-08..... 20mm | |
| | Pathfinder / QX4..... 96-04..... 20mm | |

Information in this chart is courtesy Canton Racing Products. Please contact us with errors or omissions.