

## Dual Remote Filtration System

Oil filtration is critical to engine life. Abrasive particles in dirty oil can quickly destroy critical components and ruin precision clearances in an engine if not removed through filtration. Today's engines, however, are designed with smaller, lower-capacity oil filters which are harder to get to for servicing. This means less-efficient filtration and a reluctance to change filters at regular intervals, leading to a build-up of contaminants in the oil. The AMSOIL Dual Remote Oil Filtration System is designed to provide superior filtration efficiency, increased oil capacity and improved oil filter accessibility.

### Superior Filtration Efficiency

A vehicle's regular full-flow oil filter requires all the oil pumped by the engine to pass quickly through it before reaching the engine. However, due to the high rate of flow, the ability of a full-flow filter to remove damaging particles smaller than 20 microns is limited. Studies have shown that more than 60 percent of all engine wear is caused by particles in the 5-20 micron range.

The AMSOIL Dual Remote Filtration System combines an Ea By-Pass Filter and Ea Full-Flow Filter to clean motor oil more thoroughly than standard filtration systems. AMSOIL Ea By-Pass Oil Filters remove particles less than two microns, keeping the oil free of virtually all wear-causing particles.

### Increased Oil Capacity

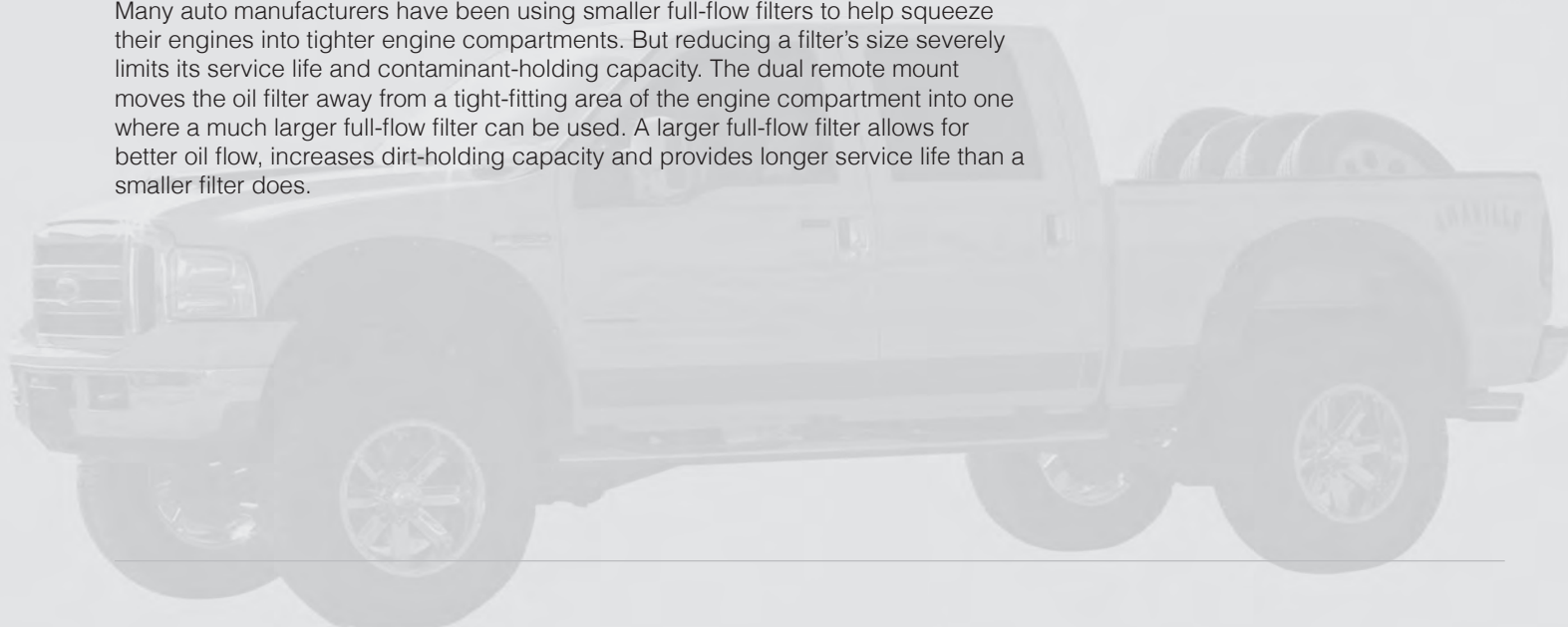
The trend to downsize engines over the past several years has significantly reduced oil sump capacities. By installing the dual remote system, oil sump capacity can be increased up to 50 percent. By adding more oil to the system, less strain is put on the oil and its additives. This dramatically increases the oil's service life.

### Improved Accessibility

The dual remote mount is designed to make filter changes easy and convenient; it can be easily installed in any accessible area of the engine compartment. The mount is connected to the engine block by two oil lines and a special spin-on oil filter adapter.

### Increased Filter Size

Many auto manufacturers have been using smaller full-flow filters to help squeeze their engines into tighter engine compartments. But reducing a filter's size severely limits its service life and contaminant-holding capacity. The dual remote mount moves the oil filter away from a tight-fitting area of the engine compartment into one where a much larger full-flow filter can be used. A larger full-flow filter allows for better oil flow, increases dirt-holding capacity and provides longer service life than a smaller filter does.



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**BY-PASS KIT**

BMK23

**RECOMMENDED FILTERS**

(1) EaBP90, EaBP100 or EaBP110 and  
(1) EaO15, EaO26, EaO34, EaO42  
(filter-type depends on clearance available)

**APPLICATIONS**

Automotive and light-duty trucks  
Spin-on adapter and filters sold separately

BMK26

(1) EaBP100 and (1) EaO26

6.9L, 7.3L and 7.5L International diesels  
Spin-on adapter and filters included

BMK27

(1) EaBP100 and (1) EaO26

Duramax/Isuzu 6.6L diesels  
Spin-on adapter and filters included

BMK28

(1) EaBP100 and (1) EaO26

6.7L Ford diesels  
Spin-on adapter and filters included

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**INSTALLATION TIPS****Special Fittings**

Angled fittings are available from AMSOIL INC. These may make certain installations easier. Ninety-degree (BK21) and 45-degree (BK22) fittings can be ordered for attaching oil lines to the spin-on adapter and remote mount. A petcock valve (BK13) or deluxe oil sampling valve (G1570) make oil sampling simple.

**Spin-On Filter Adapters**

The Dual Remote Filtration System requires the use of a spin-on filter adapter. The spin-on adapter provides the link from the by-pass filter mount to the full-flow filter thread on the engine block. Spin-on adapters are required for installation of a BMK23 kit and are sold separately. BMK26, BMK27 and BMK28 kits include the appropriate spin-on adapter kit. If you have questions regarding the installation of an AMSOIL By-Pass Filtration System, call the AMSOIL Technical Services Department at (715) 399-TECH.

**Extra Oil Hose**

Twelve feet of hose is supplied with each kit. If necessary, additional hose is available from AMSOIL by the foot (BP350). You can also buy a high-quality hydraulic hose at your local hose supplier. The hose must meet the following minimum specifications: • ½" inside diameter • 300°F working temperature • 450 p.s.i. working pressure • 1800 p.s.i. burst pressure. Note: Hose and hose fittings supplied with kit are matched. Hose other than that supplied by AMSOIL may not be compatible with the hose fittings, which could result in equipment damage.

**AMSOIL PRODUCT WARRANTY**

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit [www.amsoil.com/warranty.aspx](http://www.amsoil.com/warranty.aspx).

**BMK Spin-On Adapter Kits**

PART #	THREAD	APPLICATIONS
BK295	¾"-16	General Use
BK296	1¾"-16	General Use
BK297	18mm x 1.5mm	General Use
BK298	20mm x 1.5mm	General Use
BK299	22mm x 1.5mm	General Use
BK300	1"-16	Ford 6.7L
BK301	1½"-16	PowerStroke 7.3L
BK302	1¾"-16	Duramax 6.6L



AMSOIL products and Dealership information are available from your local full-service AMSOIL Dealer.