

PURPOSE-BUILT FOR THE GM 6.6L DURAMAX PLATFORM

This is not a universal bypass kit adapted with generic fittings. The BMK27 system includes a vehicle-specific spin-on adapter (BP420), thread adapter (BP405), and all hoses, fittings, brackets, and mounting hardware needed for a clean installation on 2001 to 2019 GM 6.6L Duramax diesel trucks, including Chevrolet Silverado 2500HD, Silverado 3500HD, GMC Sierra 2500HD, and Sierra 3500HD models. The filter mount assembly is designed to be positioned within four feet of the factory filter location and includes a drilling template for precise bracket placement. An optional oil sampling petcock (BK13, sold separately) can be added to the mount for convenient oil analysis sampling without contamination.

COMPATIBILITY AND FILTERS

The system ships with one AMSOIL EaO26 full-flow oil filter and one EaBP100 bypass oil filter. Replacement bypass elements are available in three sizes: EaBP90, EaBP100, and EaBP110, each with different mileage, hour, and time ratings to match your operating conditions and service schedule. All hoses and fittings included in the kit are matched for maximum performance and service life. AMSOIL does not recommend interchanging with other hose types or brands.

SERVICE LIFE

Technical Specifications

Bypass Filter Element	Mileage	Hours	Time
EaBP90	60,000	600	2 years
EaBP100	70,000	800	2 years
EaBP110	80,000	1,200	2 years

Frequently Asked Questions

Q1: What vehicles is the AMSOIL GM 6.6L Dual-Remote Bypass System (BMK27) designed for?

The AMSOIL GM 6.6L Dual-Remote Bypass System (BMK27-EA) is designed for 2001 to 2019 GM 6.6L Duramax diesel engines. This includes Chevrolet Silverado and GMC Sierra heavy-duty trucks equipped with the 6.6L Duramax platform across those model years. The system uses the EaO26 full-flow filter and an included bypass filter for initial installation.

Q2: How does the AMSOIL Dual-Remote Bypass System protect my 6.6L Duramax diesel engine?

The AMSOIL Dual-Remote Bypass System provides superior small-particle filtration, including soot removal, by working in conjunction with the engine's full-flow oil filter. The bypass filter draws approximately 10 percent of the oil pump's capacity at any one time, trapping extremely small, wear-causing contaminants that full-flow filters cannot remove. It typically filters all the oil in the system several times an hour, so the engine continuously receives analytically clean oil. Verified owners have reported impressive internal engine cleanliness even at 120,000 miles.

Q3: What are the service intervals for the AMSOIL Ea Bypass Filters used in the GM 6.6L Dual-Remote Bypass System?

AMSOIL offers three Ea Bypass Filter options with different service intervals. The EaBP90 is rated for 60,000 miles or 600 hours, the EaBP100 for 70,000 miles or 800 hours, and the EaBP110 for 80,000 miles or 1,200 hours. All three bypass filters have a maximum time interval of 2 years, regardless of mileage or hours accumulated.

Q4: How does the AMSOIL bypass filtration system compare to using just a standard full-flow oil filter on a Duramax diesel?

A standard full-flow oil filter is designed to pass all engine oil through quickly, which limits how fine it can filter without restricting flow. The AMSOIL bypass system works alongside the full-flow filter by diverting about 10 percent of oil pump capacity through a secondary filter that traps the extremely small, wear-causing contaminants full-flow filters cannot remove. This dual approach means the engine constantly runs on analytically clean oil, increasing filtration capacity and life while helping reduce maintenance costs and extend engine life.

Q5: How often should I change the filters in the AMSOIL GM 6.6L Dual-Remote Bypass System?

The bypass filter service interval depends on which Ea Bypass Filter you use: the EaBP90 lasts up to 60,000 miles or 600 hours, the EaBP100 up to 70,000 miles or 800 hours, and the EaBP110 up to 80,000 miles or 1,200 hours, with none exceeding 2 years. The full-flow EaO26 filter should be serviced according to its own recommended interval. Do not exceed the listed limits for any of the

bypass filters to maintain optimal engine protection.

Q6: Is the AMSOIL GM 6.6L Dual-Remote Bypass System compatible with other oil filters or only AMSOIL filters?

The AMSOIL GM 6.6L Dual-Remote Bypass System is designed to use the AMSOIL EaO26 full-flow filter and AMSOIL Ea Bypass filters (EaBP90, EaBP100, or EaBP110). The initial purchase includes the full-flow filter and bypass filter. AMSOIL directs customers to see the table on the product detail page for specific oil filter options, indicating that compatible filter selections are specified by AMSOIL for this system to ensure proper fitment and filtration performance.

Available Product Codes

Product Code	Package Size	Unit of Measure
BMK27-EA	1 System	Each

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