



# Service Bulletin

## INFORMATION

**Subject:** Information for Installing the Correct Replacement Spin-On Oil Filter When Servicing

**Models:** 2012-2017 Buick Enclave, LaCrosse  
2012-2016 Cadillac SRX  
2013-2017 Cadillac XTS  
2012-2013 Chevrolet Captiva (VIN L), Impala  
2012-2017 Chevrolet Equinox, Traverse  
2014-2017 Chevrolet Captiva (VIN L), Impala (VIN W), Impala (VIN 1)  
2012-2017 GMC Acadia, Terrain  
Equipped with Engine RPO — LFW, LFX or LLT  
Excluding Police Vehicles Equipped with RPO — 9C1, 9C3

**Attention:** This Bulletin also applies to any of the above models that may be Export from North America vehicles.

*This Bulletin has been revised to update the Model Years. Please discard Corporate Bulletin Number 15-00-90-002.*

### The Importance of Ensuring the Correct Replacement Spin-On Oil Filter is Installed

#### Importance of Using the GM Recommended Replacement ACDelco® PF63E Oil Filter

**Notice:** ACDelco® PF63E (GM #19330000) oil filters meet GMPT performance specifications as defined by General Motors.

The purpose of this bulletin is to reinforce to the Service Personnel the critical importance of using the recommended replacement ACDelco® PF63E oil filter that is specified by General Motors for these V6 engines when servicing them in order to ensure proper engine oil filtration and engine performance.

Beginning in 2012 the V6 engine was redesigned with tighter engine tolerances. The oil pressure was increased to accommodate these tighter tolerances. As a result, the oil filter specifications of the production oil filter and the service oil filter were also improved to meet the new engine requirements.

These V6 engines are factory built with an ACDelco® oil filter PF64, which is commonly confused by many in the automobile service industry as an ACDelco® PF48 because both oil filters have the same appearance and oil can size. However these two oil filters are not the same and have different internal specifications. The OEM PF64 oil filter has a much higher bypass valve rating that matches the service oil filter requirement of the PF63E which was specifically chosen to match the performance demands of these engines.

The ACDelco® PF64 oil filter installed by the manufacturing plant meets the specifications of the ACDelco® PF63E, but due to the length of the ACDelco® PF63E oil filter can, the engine plant cannot build with it because it currently interferes with the assembly line process.

#### ACDelco® PF63E Primary Performance Improvements

The PF63E primary performance improvement relates to the bypass valve design. The ACDelco® PF63E has a compression spring loaded nylon poppet that outperforms the current valve design.

Other benefits include the following:

- Designed with five times greater burst strength than most engine oil operating pressures after the oil reaches operating temperatures.
- Bypass valve opening pressure has been increased from 100 to 150 kPa and is statistically more capable.

- Patented cellulose media traps particles that are 1/3 the width of a human hair.
- 98 percent single-pass filtering efficiency at 25-30 microns.
- Hot oil durability has been improved by the elimination of adhesive.
- Improved level of robustness to water accumulation.
- Excellent cold weather performance -22°F (-30°C) when using dexos1®.
- The element integrity (collapse strength), remains the same.
- The excellent filtration performance (efficiency and capacity) remains the same.
- The filter shell configuration is unchanged, which means existing oil filter cap wrenches continue to fit.

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GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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