

Technical Service Bulletin

September 5, 2012

Mercedes-Benz Oil Filter Change for Model Year 2012 Applications With new 3.5L V6 engines (M 276 engine designation)

For Model Year 2012, Mercedes-Benz introduced a new V6 3.5L engine designated **M 276** which replaces the previous V6 3.5L with designation **M 272**. As of this publication, the M 276 was used on 2012 vehicle models C350, E350, ML350, R350 and SLK350. GLK350 and S400 Hybrid 2012 models use the previous M 272 engine.

Model Year 2012 vehicles with M 272 engine require a simpler cartridge oil filter as they did in 2011 and as seen in the picture below to the left.

The new M 276 engine models require a new oil filter as seen in the picture below to the right. This new oil filter includes an extended center tube system which releases oil into the engine when installed into the oil filter housing. While the M 276 engines had a housing cap with a center tube which released a valve to allow oil into the engine, the new M 276 engines need the filter's protruding component to release a valve to allow oil into the engine.

There is a great risk in installing the older M 272 engine's oil filter in the M 276 engine housing. While the old filter will mount into the new housing, it will not release the oil into the engine as necessary and oil starvation will occur.

Please note: it is very important that the older filter (below on the left) is NOT installed in 2012 applications with M 276 engines. Installation of the incorrect filter for this application will result in severe engine damage.



Mercedes M 272
Engine oil filter



Mercedes M 276
Engine oil filter

Prime Guard Filters

Sales and Marketing Bulletin

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CUSTOMER: Filter Customers
SUBJECT: Catalog Corrections
FROM: Catalog Department

Prime Guard Filter catalog corrections. Please make the following changes to your printed 2013 Prime Guard Application catalogs.

Mercedes Benz					
Model / Year	Engine	Oil Filter	Air Filter	Fuel Filter	Cabin Air Filter
GL450					
2014-13	V8 4.6L DI Twin-Turbo 32V	N/A	N/A	Life-time	N/A
2012-07	V8 4.6L FI 32V	POF5277	PAF4838 (2)	Life-time	PCF6081C
R350					
2012	V6 3.5L DI 24V	N/A	PAF4838 (2)	Life-time	PCF6081C
2011-06	V6 3.5L FI 24V	POF5277	PAF4838 (2)	Life-time	PCF6081C
S63 AMG					
2013-12	V8 5.5L DI Twin-Turbo 32V	N/A	N/A	Life-time	N/A
2011	V8 6.3L FI 32V	POF5906	N/A	Life-time	N/A
2010-08	V8 6.3L FI 32V	POF5906	PAF5806	Life-time	N/A
SL550					
2014-13	V8 4.6L DI Twin-Turbo 32V	N/A	N/A	N/A	PCF5844
2012-10	V8 5.5L FI 32V	POF5277	PAF4838 (2)	Life-time	PCF5774
2009-07	V8 5.5L FI 32V	POF5277	PAF4838 (2)	Life-time	PCF5774
SLK350					
2014-12	V6 3.5L FI 24V	N/A	N/A	Life-time	PCF6075C
2011-06	V6 3.5L FI 24V	N/A	PAF4838 (2)	Life-time	PCF6075C
2005	V6 3.5L FI 24V	POF5276	PAF4838 (2)	Life-time	PCF6075C
SLK55 AMG					
2014-12	V8 5.5L FI 24V	N/A	N/A	N/A	PCF6075C
2011-06	V8 5.5L FI 24V	N/A	PAF4838 (2)	Life-time	PCF6075C
2005	V8 5.5L FI 24V	POF5276	PAF4838 (2)	N/A	PCF6075C

A correcting communication regarding these updates has been sent to all E-catalog suppliers.

We thank you for your continued support of Prime Guard. If you have any questions or concerns regarding the Prime Guard filter program, please contact our filter Hot line at 877-597-2902.