



Product Change Notification

1. PCN (Product Change Notification) / To be fill in by vendor and send to Asia CIM

Date:	5/23/2024	Factory Name (POV):	Champion Laboratories	Factory representative Name:	Jim Palamara / Richard Speros
Product:	Oil Filters	Related Part Number/s:	See section 1.2	PCN No:	N/A

1.1 Change Reason:

Detail out complete information about what initiated the change and what are the benefits

Champion Laboratories, in cooperation with their OE vehicle manufacturer partners, are launching OE approved design updates of 3" diameter spin-on oil filters. Champion Laboratories is the first to bring these advancements to the market.

As OE filtration specifications adjust to meet today's demanding engine flow requirements, Champion Laboratories continuously performs extensive design analysis alongside its OE partners to meet these requirements. Engines today can have multistage oil pumps that adjust oil flow as necessary based on high & low speed events. Filters must be able to manage these events as one of the key components in the entire engine oil flow system.

For a filter to function under such demanding events and allow for increased oil flow, it must have lower flow restriction but retain the filter efficiency and contaminate retaining performance of the past. To achieve even higher oil flow through a filter, Champion Laboratories incorporates high quality synthetic media along with our e-Core technology plus the latest addition of a high flow mounting endplate into the lid assembly.

The new lid assembly improvements include the threaded backplate design with increased oil inlet hole diameters and an open-face gasket retainer:

* Threaded backplate oil inlet holes diameter increases 3.4X larger

* Gasket retainer open face design for less restriction of oil flow

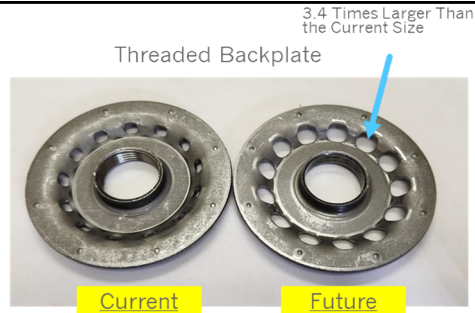
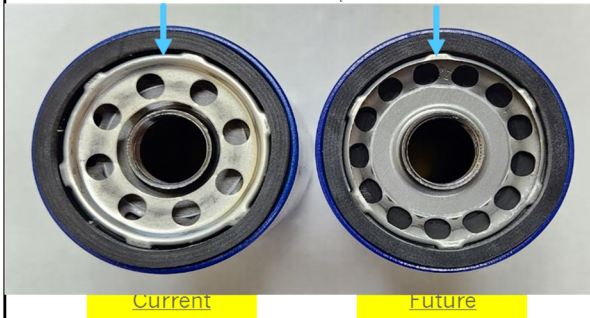
The combined benefit of these component improvements to filter performance:

* 45% overall decrease in flow restriction as compared to the prior designs


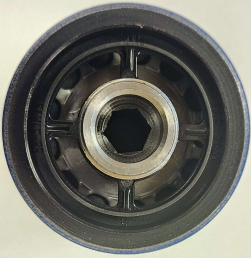

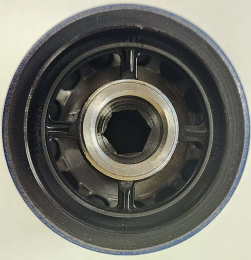








1.2 Change Description:

Detail out complete information about what changes are being made (Description + photo)

Full Face Gasket Retainer Open Face Gasket Retainer



Picture

Before:		After:	
PART #			
S10600			
PART #			
S10600XL			
PART #			
S10590			
PART #			
S10590XL			
PART #			
S10060			
PART #			
S10060XL			

PART #			
S2827			
PART #			
S2827XL			
PART #			
S2870A			
PART #			
S2870AXL			
PART #			
S3387A			
PART #			
S3387AXL			

PART #			
S3506			
PART #			
S3506XL			
PART #			
S3600			
PART #			
S3600XL			
PART #			
S3614			
PART #			
S3614XL			

<p>PART #</p> <p>S3656</p>			
<p>PART #</p> <p>S3675</p>			
<p>PART #</p> <p>S3675XL</p>			

PART #		
S3980		
PART #		
S3980XL		
PART #		
S8316		
PART #	Image updating	
S8316XL		

1.3 Change Validation:
 ENTER DETAILS HERE ON HOW THIS PRODUCT CHANGE DOES NOT **EFFECT** QUALITY AND/OR CUSTOMER SATISFACTION. INFORMATION BEHIND THE DECISION THAT THIS CHANGE OFFERS BENEFITS TO AUTOZONE AND OUR CUSTOMERS

This manufacturing location change should not affect product quality as we are moving the entire production facility & equipment to our Juarez plant

1.4 Change Clean Dates:

Date implemented into Production: **See 1.1** Estimate PSI date: **See 1.1** Shipping date of new Product **See 1.1**

Subject update: blue print PSI Approve Sample Label Carton

2. AZ Feedback / To be filled in by AZer

Stakeholders	Name	Date	Comments
Asia CIM			<input type="checkbox"/> We believe vendor has done due diligence to evaluate and verify the changes and made sure it does not have negative impact to product quality or durability, A <input type="checkbox"/> We have questions to communicate further, please re-evaluate the changes to make sure it does not have negative impact to product quality or durability
US/MX CIM			<input type="checkbox"/> We believe vendor has done due diligence to evaluate and verify the changes and made sure it does not have negative impact to product quality or durability, <input type="checkbox"/> We have questions to communicate further, please re-evaluate the changes to make sure it does not have negative impact to product quality or durability
US/MX CM			<input type="checkbox"/> We believe vendor has done due diligence to evaluate and verify the changes and made sure it does not have negative impact to product quality or durability, A <input type="checkbox"/> We have questions to communicate further, please re-evaluate the changes to make sure it does not have negative impact to product quality or durability

3. PCV (Product Change Verification) / Aisa CIM

Check Items	Check result	Check date	Comments
Blue Print			
PSI protocol			
Approve sample			

Label			
Carton Box			
BOM			
SOP			
Flow Chart			
Control Plan			
Test Report			
Others			