



# Service Bulletin

File in Section: -

Bulletin No.: 16-NA-085

Date: June, 2016

## INFORMATION

**Subject: New Design Cylinder Heads**

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Allure (Canada Only)	2007	2011			LAU (2.8L) LF1 (3.0L) LFW (3.0L) LLT (3.6L) LY7 (3.6L)	
Buick	LaCrosse	2007	2011				
Buick	Enclave	2008	2011				
Cadillac	CTS	2007	2011				
	SRX						
	STS						
Chevrolet	Equinox	2008	2011				
Chevrolet	Malibu	2008	2011				
Chevrolet	Traverse	2009	2011				
Chevrolet	Camaro	2010	2011				
GMC	Acadia	2007	2011				
Pontiac	G6	2007	2009				
Pontiac	G8	2008	2009				
Pontiac	Torrent	2008	2009				
Saturn	AURA	2007	2009				
Saturn	OUTLOOK	2007	2010				
Saturn	VUE	2008	2010				

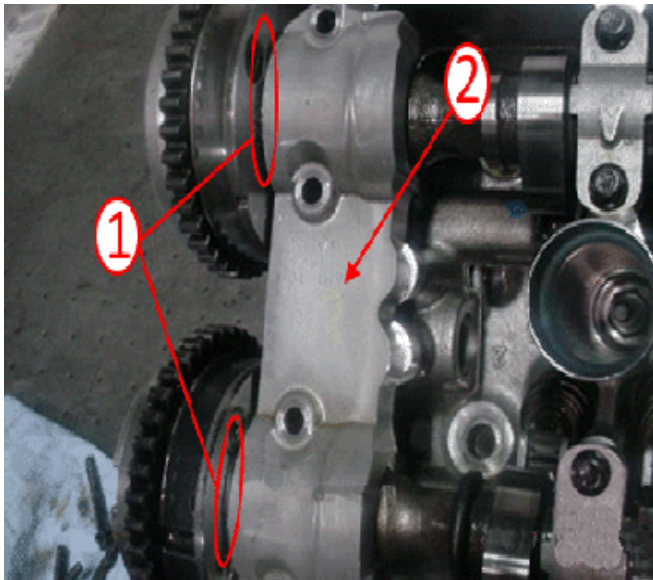
<b>Involved Region or Country</b>	North America
<b>Condition</b>	Technicians may have additional questions when replacing cylinder heads with the new saddle cap design head.
<b>Cause</b>	The camshaft actuator thrust bearings may have caused damage to the cylinder heads, creating debris.

**Note:** The new style saddle cap designed cylinder heads **will not work** with the 2004-2006 and first design 2007 engines.

### Correction

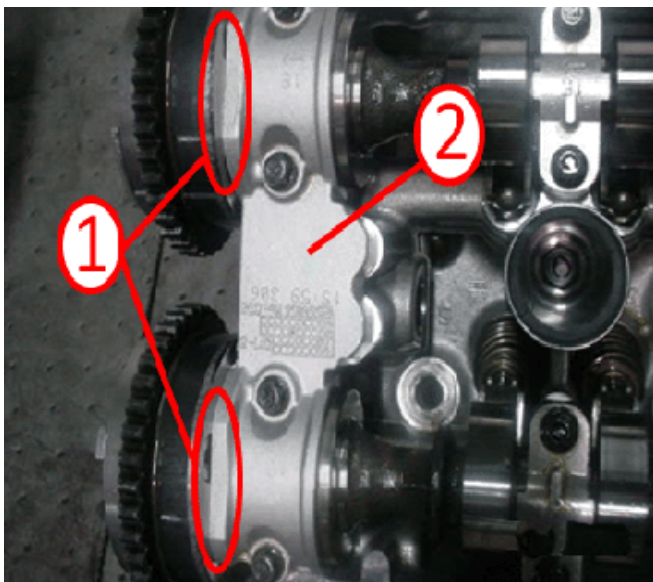
**Caution:** If you are using a 2011 new style "saddle cap" cylinder head, thrust washers are not to be used. The use of thrust washers on the new designed cylinder heads can cause damage to the cam shaft actuator, saddle cap and cylinder head.

If replacing the cylinder heads for damage caused by the thrust washers, the cylinder heads must be replaced with a newly designed cylinder head.



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Previously Designed Cylinder Heads used a thrust washer (1) between the actuators and cylinder heads.



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The new cylinder heads have a saddle cap (2), which incorporated a thrust surface on the saddle cap, has been designed to reduce the tolerance between the camshaft actuator and cylinder head, eliminating the need for a thrust washer.

**Service Procedure**

If replacing the previous design cylinder heads with the newly designed heads, perform Cylinder Head Replacement per SI.

**Parts Information**

**Note:** If replacing any of the actuators, the 4 bolt Delphi actuators are compatible to work with the 5 bolt Aisin actuators.

Description	Part Number	Qty
ACTUATOR, CM/SHF POSN (EXHAUST)	Refer to the Parts Catalog for Vehicle Application	1
ACTUATOR, CM/SHF POSN (INTAKE)		1
Head, Cyl		1

**Warranty Information**

Labor Operation	Description	Labor Time
4061790	Cylinder Head Replacement - Left Side	Use Published Labor Operation Time
4061770	Cylinder Head Replacement - Right Side	

<b>Version</b>	3
<b>Modified</b>	May 9, 2016 – Update the Correction section, added detail to cylinder head graphics and removed the reference to Bulletin 08–06–01–011. June 13, 2016 – Updated procedure and added a note for Actuator compatibility.

