



Service Bulletin

Bulletin No.: 24-NA-184

Date: October, 2024

TECHNICAL

Subject: Engine Coolant Leak and/or Smell from Top of Engine Area

Brand:	Model:	Model Year:		Build Date:		Engine:	Transmission:
		from	to	from	to		
Buick	Enclave	2025	2025			LK0	
Chevrolet	Traverse	2024					
GMC	Acadia	2024					

Involved Region or Country	North America
Condition	Some customers may comment on a coolant smell and/or leak noticed from the top of the engine area.
Cause	This condition may be caused by porous spots in the cylinder head created during manufacturing.
Correction	Utilizing a borescope, remove the spark plugs and inspect the spark plug bore and cylinder head for coolant seepage. ⇒ If it has been verified that coolant is the cause for concern, replace the cylinder head.

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

Service Procedure

Refer to *Cylinder Head Replacement in SI*.

Parts Information

Note: Only select the parts that coincide with the repair performed. Replace the part with the P/N outlined in the Electronic Parts Catalog (EPC) in accordance with the vehicle VIN.

Causal Part	Description	Part Number	Qty
X	HEAD ASM-CYL (W/ VLV)	12736223	1
N/A	GASKET KIT-CYL HD	12740950	1

Causal Part	Description	Part Number	Qty
N/A	SEAL-A/C CMPR HOSE	13418809	1
N/A	SEAL-A/C CMPR AND CNDSR HOSE	13579646	1
N/A	GASKET ASM-CM/SHF CVR	12731657	1
N/A	BOLT/SCREW,CM/SHF POSN ACTR	11548863	1
N/A	VALVE ASM-CM/SHF POSN ACTR EXH SOL	12708913	1
N/A	GASKET-EXH SYS RR	26381263	1
N/A	BOLT,CR/SHF BALR	11604626	1
N/A	BOLT,RR SUSP CRADLE RR	11547841	4
N/A	COVER ASM-ENG FRT	12736949	1
N/A	GASKET-EXH SYS INTER	26416290	1
N/A	NUT,FRT WHL DRV SHF	11612295	2
N/A	RING,R/AXL SHF RET	90223082	2
N/A	Front Wheel Drive Shaft Washer	11611965	2
N/A	PIPE ASM-FUEL FEED INTER	12728652	1
N/A	SEAL KIT-F/INJR (O RING)	12737061	4
N/A	MANIFOLD ASM-INT (W/ THROT BODY)	12696290	1
N/A	FILTER ASM-OIL	12735608	1
N/A	SEAL-OIL LVL IND TUBE (O RING) *PURPLE	12670252	1
N/A	GASKET-PCV OIL SEP	12663426	1
N/A	SEAL,TRFER CASE INTER DRV SHF (O-RING)	19132944	1
N/A	RETAINER-PWR TRFER U PROP SHF	23432713	1
N/A	SEAL,PROP SHF TO DIFF CARR INTERFACE (O RING)	23321677	2
N/A	CLIP,TRFER CASE INTER DRV SHF RET	19132950	1

Causal Part	Description	Part Number	Qty
N/A	SEAL-TMG BELT FRT UPR CVR	12695868/12 704570	As Required
N/A	SEAL-TURBO AIR INL ADAP	12701703	1
N/A	GASKET-TURBO COOL FEED AND RTN PIPE	12697763	1
N/A	GASKET-TURBO OIL FEED PIPE	12669556	1
N/A	GASKET-TURBO EXH PIPE	12739848	1
N/A	SHIELD ASM- TURBO HT	12728638	1
N/A	Turbocharger Nut	11612078	4
N/A	GASKET-TURBO OIL FEED PIPE	12669556	2
N/A	SEAL-WAT OTLT	12695721	1
N/A	OIL	Refer to EPC	As Required

Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
4088548*	Porous Cylinder Head Replacement - Base	16.1 hr
Add	Porous Cylinder Head Replacement - w/F48	1.0 hr
Add	To Recover and Recharge R-1234yf A/C System	1.2 hr
*This is a unique Labor Operation for Bulletin use only.		

Version	1
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