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Coding Information

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Title: Abnormal Air Pressure Fluctuation When Driving

Applies To: S13 T14 Powertrain with any air dryer configuration

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

10/17/2025 - Initial Article Release

DESCRIPTION

This document will guide the user through quick diagnostic steps for abnormal or sudden air pressure fluctuation when driving S13 T14 Powertrain.

SYMPTOM(s)

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

DTC/Light	Description
SPN xxxx FMI xx (link to FCAP)	

Customer Observations or Concerns:

Abnormal or sudden air pressure fluctuation when driving

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
n/a			

SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required	Notes
Main Valve Seal, Front Gear Actuator	113379N1	1	

DIAGNOSTIC & REPAIR STEP(S)

Step	Action	Decision
1	DIAGNOSTIC: Roadtest vehicle to confirm symptom TIP: Generally, this air pressure gauge fluctuation would only be present while vehicle is in motion and NOT be found when performing stationary air fluctuation tests Is there abnormal or sudden air pressure fluctuation when driving S13 T14 Powertrain?	Yes. Follow Service Manual Transmission Main Valve Assembly V112 Removal procedure to inspect the Front Gear Actuator Main Valve Seal for a tear (Figure 1)
		No. Diagnostic Complete

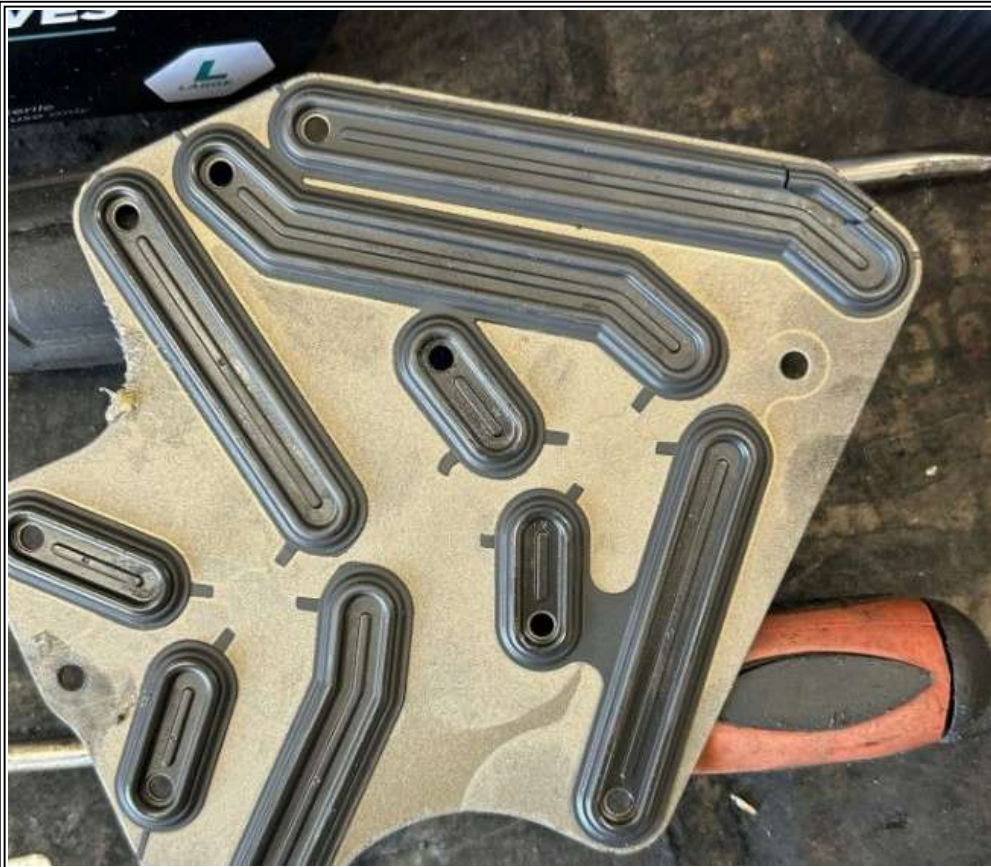


Figure 1: Damaged Front Gear Actuator Main Valve Seal

WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)

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