

Information on Stage Kit TMAP Sensor Modification

TECHNICAL SERVICE BULLETIN

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Affected Model(s): 2008-2009 HHR SS; Equipped with 2.0L Engine (VIN X - RPO LNF)

INSPECT/REMOVAL OF TAP

NOTE: When installing the GM Performance Parts accessory upgrade Stage I Turbo kit # 19212670 on a 2008-09 HHR SS, the intake air pressure temperature (TMAP) sensor interferes with the charge air cooler (CAC) pipe. The TMAP sensor is located on the charge air duct between the intercooler and the engine. The sensor requires modification before assembly or leaks may occur. Following these steps will prevent any concerns when mounting the TMAP to the duct pipe.

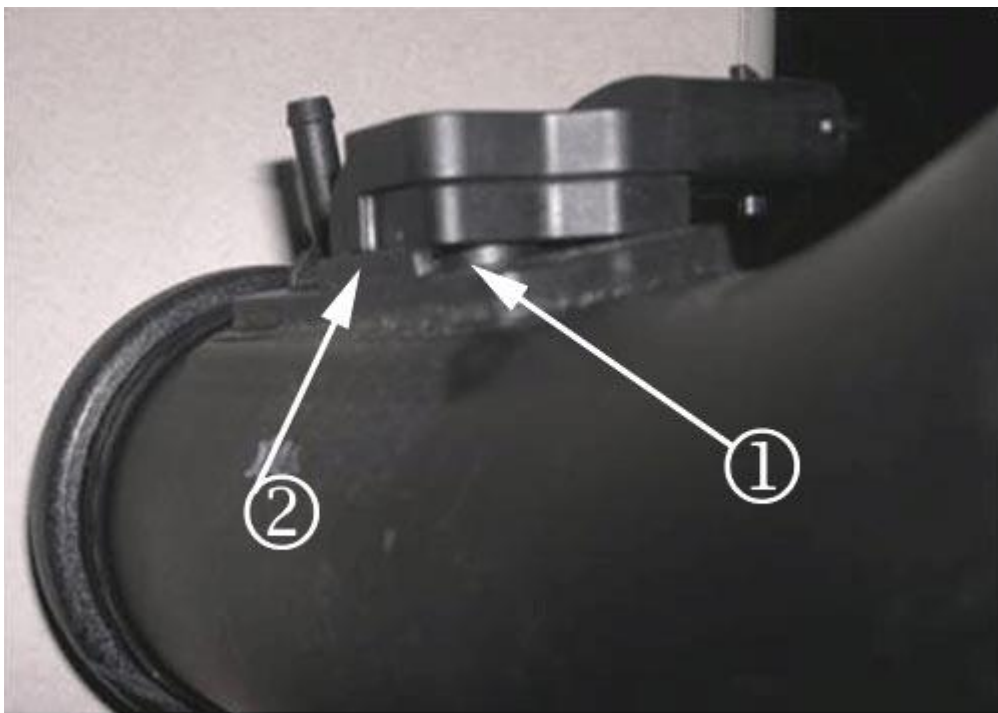


Fig. 1: View Of Duct

Courtesy of GENERAL MOTORS CORP.

Inspect the TMAP sensor when mounted on the charge air duct. Note how the TMAP sensor is not mounted flush on the duct (1).



Fig. 2: Identifying Boss

Courtesy of GENERAL MOTORS CORP.

Carefully remove the boss (1) until the TMAP will mount flush on the duct. The boss interferes with the anti-rotation bar on the duct.



Fig. 3: View Of TMAP Sensor
Courtesy of GENERAL MOTORS CORP.

The TMAP sensor after the boss was removed (1).

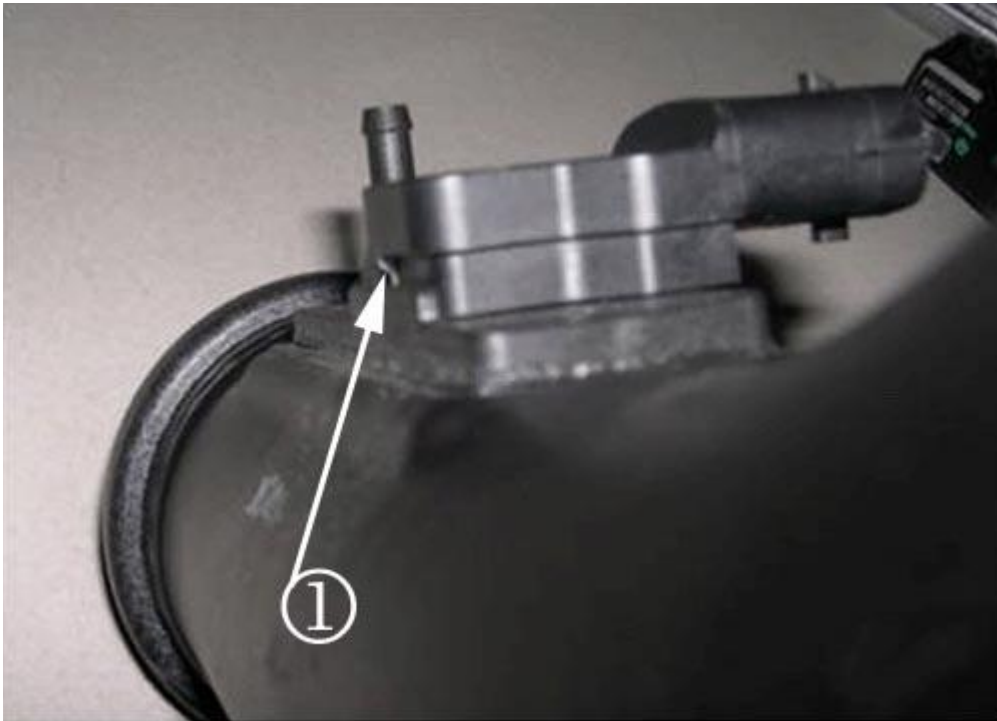


Fig. 4: View Of Mounted TMAP Sensor

Courtesy of GENERAL MOTORS CORP.

The TMAP sensor mounted flush onto the duct (1).