



Technical Tip

Topic	01-19-01TT - Faults P194A Coolant Pump RPM too High or P16C6 Heater Support Pump Dry Running Present in the ECM after Adding Coolant or Draining the Cooling System
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Volkswagen
Date	March 1st, 2019

Condition

ATTENTION:**THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN.****TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.**

Faults P194A Coolant Pump RPM Too High or **P16C6** Heater Support Pump Dry Running Present in the ECM after Adding Coolant or Draining the Cooling System

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Atlas	2018-2019	3.6L (CDVC)	All	All	All

Technical Background

Faults present in Engine/Motor Control Module -**J623**- after adding coolant or refilling the cooling system.

If either fault P16C600 (Heater Support Pump Dry Running) or P194A00 (Coolant Pump RPM Too High) are present in Engine/Motor Control Module -**J623**-, after adding coolant for a low coolant concern or draining and refilling the cooling system, there may be air trapped Heater Support Pump -**V488**-.

Service

The air may be difficult to remove from Heater Support Pump -**V488**-. The cooling system must be drained or refilled using the -VAS6096- Cooling System Charge Kit called out in ElsaPro under repair manual group 19 Cooling System, Cooling System/Coolant, Coolant Draining and Filling.

If either fault P16C600 (Heater Support Pump Dry Running) or P194A00 (Coolant pump RPM too high), are present in Engine/Motor Control Module -**J623**- after refilling the cooling system with -VAS6096 - Cooling System Charge Kit:

- Raise the front of the vehicle higher than the rear of the vehicle in a safe manner to aid in removal of the air from the cooling system.

With the front of the vehicle raised:

- Run the drain and refill procedure at least one time to remove the air from the cooling system and retest operation.



Additional Information

Revision History		
Revision Number	Released Date	Reason For Update
2053847/2	3/1/19	To update heater support pump DTC.
2053847/1	2/1/19	Original publication.

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