



Technical Tip

Topic	20-16-03TT - Cold Start - DTCS P13EA, P0300, P0301, P0302, P0303, P0304, P305, P0306
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Volkswagen
Date	September 23, 2016

Condition

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

Cold Start - DTCS P13EA, P0300, P0301, P0302, P0303, P0304, P305, P0306 May be Set

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Touareg	2011-2017	3.6L (CGRA)	All	All	All

Technical Background

Cold start misfires may occur as a result of poor fuel quality or incorrect octane rating.

Service

- Review the GFF log and verify the misfires were set on cold start up ONLY. This will typically be at ambient temps below 10°C (50°F).
- Determine what brand and octane rating of fuel the customer is using and if they continually utilize the same filling station.
 - Note:
 - 2015 and prior model years **must** use 91 octane
 - 2016-2017 model years **must** use 87 octane, as a result of different calibration.
- Drain both sides of the Fuel Tank (**IT IS IMPERATIVE TO DRAIN BOTH SIDES OF THE TANK**).
- Add fresh Fuel (minimum of ½ tank) using Top Tier Fuel.
- Clear all DTCs and road test 50 to 200 miles with multiple cold start-ups.
- Advise the customer to utilize Top Tier Fuel of the correct octane rating, per their owner's manual.



Revision History		
Revision Number	Released Date	Reason For Update
2045491/6	6/9/17	Update model year applicability and add DTC P13EA
2045491/1	9/23/16	Original publication

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