



## Condition

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

### Applicable Vehicles

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Passat	2006 - 2018	3.6L (BLV, CDVB)	All	All	All
CC	2009-2017	3.6L (BLV, CNNA)	All	All	All
Touareg	2006-2017	3.6L (BHK, CGRA)	All	All	All
Atlas, Atlas CrossSport	2018-2021	3.6L (CDVC)	All	All	All

### Revision Table

Instance Number	Published Date	Version Number	Reason For Update
2060799/2	9/28/20	01-20-05TT	Administrative.
2060799/1	9/18/20	01-20-05TT	Original publication.

## Technical Background

DTCs P0088 and or P1025 may set as a result of the high pressure fuel pump being out of time.

DTC	Description
P0088	Fuel Rail/System Pressure - Too High Bank 1
P1025	Fuel pressure regulator valve Mechanical malfunction

## Service

Monitor fuel rail pressure at idle. If the pressure is reading excessively high (over 60 bar, in many cases up 125 bar), then timing issues are suspect.

- For 2006-2011 vehicles with KWP2000 MVB's:
  - Check MVB 208 and 209, field 3



2. For 2011 and new vehicles with UDE/IDE MVB's:
  - Check IDE 00182 Camshaft adaptation intake bank 1, phase position and IDE 00184 Camshaft adaptation exhaust bank 1, phase position.
3. If these values exceed 8 degrees, the engine timing is off and as such, and the high pressure fuel pump is also out of time.

### **Repair**

1. For 2006-2007 Passat and Touareg:
  - Replace both timing chains, timing chain tensioners, oil pump, oil pump gears (2x), oil pump bolt, engine oil, and engine oil filter.

**Tip:**

Prime the oil pump with clean engine oil prior to installation. Do this by adding oil to the oil pump and spinning the oil pump by hand.

**Note:**

Be sure to update the Engine/Motor Control Module -J623- Passat (3018), Touareg (3019).

2. For 2008 and newer vehicles:
  - Replace timing chains, tensioners and guides.

### **Additional Information**

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