



Technical Tip

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| Topic | 26-17-04TT – TDI-MIL ON, DTCs P013B, P320C, P2271 |
| Market area | United States 444 Volkswagen of America, Inc. (6444) |
| Brand | Volkswagen |
| Date | August 4, 2017 |

Condition

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

TDI-MIL ON, DTCs P013B, P320C, P2271

| Model(s) | Year | Eng. Code | Trans. Code | VIN Range From | VIN Range To |
|---------------------------------------|-----------|----------------------|-------------|----------------|--------------|
| Golf, Jetta, Beetle, Jetta Sportwagen | 2009-2013 | 2.0L (CJAA, CBEA) | All | All | All |

Technical Background

| DTC | Description |
|-------|--|
| P013B | O2 Sensor Bank 1 Sensor 2 Slow Response Lean to Rich |
| P2271 | Down Stream O2/Exhaust Gas Sensor Signal |
| P320C | O2 Bank 1 Sensor 1-2 Lean Correlation |

Service

If any of these faults are present, perform the following:

- With a cold engine (overnight cold soak), start engine and raise and support vehicle.
- Have a second person plug the tail pipe with a wet rag to create exhaust back pressure.
- Spray the exhaust fittings with soapy water to check for leaks.

If a leak is identified at the EGR filter fitting:

- Install a new gasket (see ETKA by VIN), between the EGR filter and the main exhaust pipe.

If a leak is identified at the exhaust throttle valve:

- Seal the fittings on the exhaust throttle valve using muffler cement/compound (available locally).

If there are no leaks found:

- Replace the rear O2 sensor.



Once repairs are complete, reset O2 sensor adaption.

To do this:

- Disconnect both O2 sensors (front and rear).
- Start the engine and allow it to idle.
- Check to ensure MVB's 41/4 and 136/4 have both changed from 1 to 0.
 - You may have to drive the car 4 miles to get the MVB's to reset to 0. The drive cycle forces the ECM to re-learn the O2 sensor adaptation.

Once MVB 41/4 and 136/4 read 0:

- Reconnect the O2 sensors, road test and check faults.

Additional Information

| Revision History | | |
|------------------|---------------|-----------------------|
| Revision Number | Released Date | Reason For Update |
| 2048572/1 | 8/4/17 | Original publication. |

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