



Technical Bulletin

| Model(s) | Year(s) | Eng. Code(s) | Trans. Code(s) | VIN Range From | VIN Range To |
|--|---------|---------------------|----------------|----------------|--------------|
| (A5) Jetta | 2005 | 2.5L (CBTA-CBUA) | All | All | All |
| Beetle Conv, Jetta, Golf, Jetta SW, Beetle | 2006 | 2.5L (CBTA-CBUA) | All | All | All |
| Beetle Conv, Jetta, Golf, Beetle | 2007 | 2.5L (CBTA-CBUA) | All | All | All |
| Beetle Conv, Jetta SW, Jetta, Golf, Beetle | 2008 | 2.5L (CBTA-CBUA) | All | All | All |
| Rabbit, Jetta, Jetta Wagon | 2009 | 2.5L (CBTA-CBUA) | All | All | All |
| Golf, Jetta, Jetta SportWagen | 2010 | 2.5L CBUA | All | All | All |
| Golf, Jetta, Jetta SportWagen, | 2011 | 2.5L CBUA | All | All | All |
| Jetta, Jetta SportWagen, Golf, Passat, Beetle | 2012 | 2.5L CBUA | All | All | All |

Condition

26 19 02 April 24, 2019 **2028415** Supersedes Technical Bulletin 26-17-02 dated October 10, 2017 to update warranty labor operation number due to SAGA changes.

MIL ON, Secondary Air DTCs P2431, P2432, P2433 Stored in ECM Fault Memory



Technical Bulletin

One or more of the following fault codes may be stored in the ECM fault memory:

| DTC | Description |
|-------|--|
| P2431 | Secondary Air Injection System Air Flow/Pressure Bank 1 Sensor Circuit Range/Performance |
| P2432 | Secondary Air Injection System Air Flow/Pressure Bank 1 Sensor Circuit Low |
| P2433 | Secondary Air Injection System Air Flow/Pressure Bank 1 Sensor Circuit High |



Note:

This condition as described does not affect vehicle performance or operation.

Technical Background

Secondary Air Pressure Sensor may be contaminated by foreign particles during secondary air injection.

Production Solution

New sensor in production from calendar week 47/2011.

Service



Tip:

2005 thru 2008 vehicles are equipped with a secondary air hose and sensor that are repairable separately. If only the sensor is faulty, replace just the sensor. If the secondary air hose is damaged for any reason, replace the secondary air hose and sensor together as outlined below.



Technical Bulletin

Introduction

- Install sensor Service-kit Part Number: 07K 198 125.



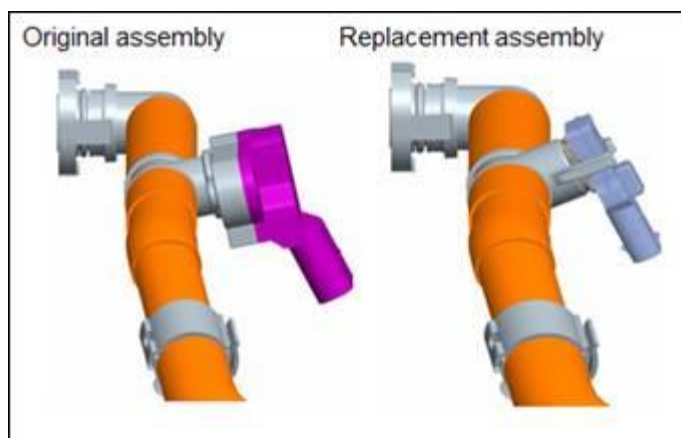
Note:

Original components were manufactured as an assembly (hose with sensor).

Updated sensor can be serviced separately from hose, see ETKA under part number **07K 906 051 ***.



Sensor Service-kit Part Number: 07K 198 125



Note:

Service-kit uses a different sensor and connector.

An adapter harness is supplied with sensor Service-kit. It is to be connected between the vehicle harness and the new sensor.



Technical Bulletin

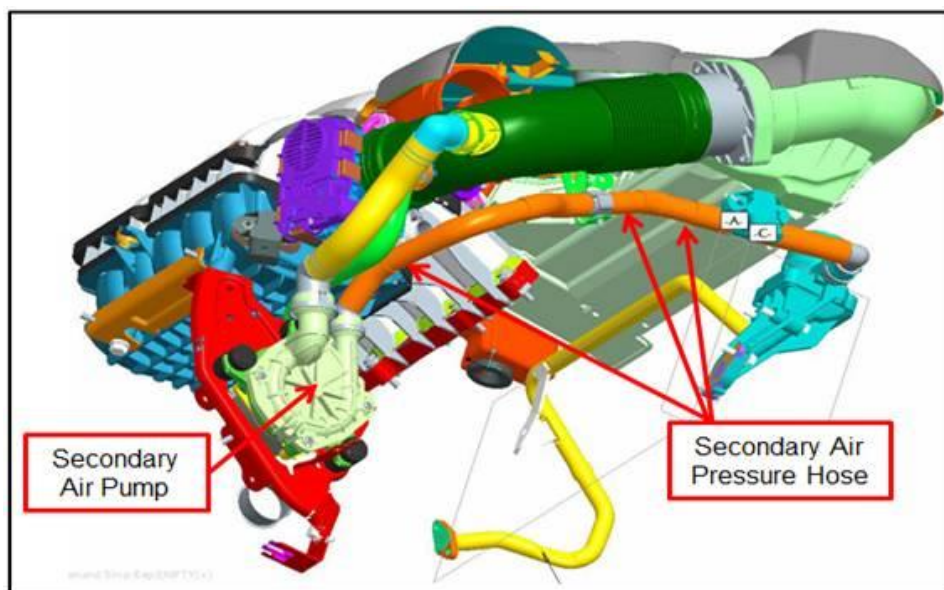


Note:

Adapter harness will be secured in position using the two supplied clips.

Procedure

- Remove Air Cleaner Housing and intake tube to Throttle Body per repair manual instruction.
- Remove the four T30 screws securing Throttle Body to Intake Manifold.
- Disconnect throttle body electrical connection and set Throttle Body aside.
- Remove original Secondary Air Pressure Hose between Air Pump and one-way valve per repair manual instruction.



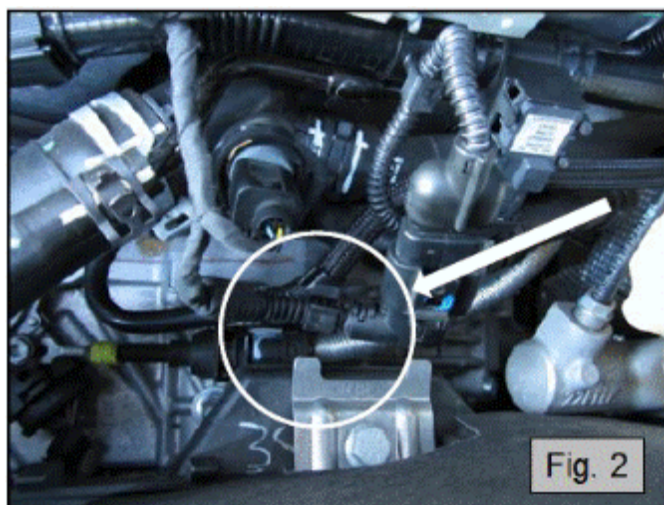


Technical Bulletin

- Install new Secondary Air Pressure Hose supplied in Service-kit.
- Install adapter as shown in figures 1 and 2 below.
- Re-install Throttle Body, intake tube and Air Cleaner Housing.



- Secure clip N 04 466 01 midway on adapter harness. Secure other (larger end) of clip onto air pipe, 20 mm from sensor.
- Install the new secondary air hose with sensor and harness into original part position.
- Connect adapter harness to engine harness.



- Secure clip 155 971 787 B to engine harness (directly next to its connector housing cover). Secure other end to vacuum hose seen directly below secondary air hose.
- Ensure adapter harness is now routed and mounted as shown; in a vertical position that does not have the possibility to chafe against other objects.
- Reinstall Throttle body, intake tube and air cleaner housing per repair manual instruction.



Technical Bulletin

Warranty

| To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾ | | | | | |
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| Golf, Jetta, Jetta SportWagen, | 2011 | 2.5L CBUA | All | All | All |
| Jetta, Jetta SportWagen, Golf, Passat, Beetle | 2012 | 2.5L CBUA | All | All | All |
| SAGA Coding | | | | | |
| Claim Type: | Use applicable Claim Type ¹⁾ | | | | |
| Service Number: | Damage Code | HST | Damage Location (Depends on Service No.) | | |



Technical Bulletin

| | | | |
|---|---|---|---|
| 2666 | 0016 | -- | Use applicable when indicated in Elsa (L/R) |
| Parts Manufacturer | Golf, Golf Wagon, Jetta, Jetta SportWagen, Passat, Beetle | | BPK ²⁾ (07K 198 125) Service-kit OR SME ²⁾ (07K 906 051) Sensor |
| 2006-2008 Beetle (1C1), Beetle Convertible (1Y7) | | | |
| Labor Operation ³⁾ : Battery Charge | | 27068950 = 10 TU | |
| Labor Operation ³⁾ : Install Sensor Service-kit | | 26661999 = 40 TU | |
| OR | | | |
| Labor Operation ³⁾ : Battery Charge | | 27068950 = 10 TU | |
| Labor Operation ³⁾ : Replace Sensor | | 26665599 = 30 TU | |
| All other vehicles | | | |
| Labor Operation ³⁾ : Battery Charge | | 27068950 = 10 TU | |
| Labor Operation ³⁾ : Install Sensor Service-kit | | 26661999 = 50 TU | |
| OR | | | |
| Labor Operation ³⁾ : Battery Charge | | 27068950 = 10 TU | |
| Labor Operation ³⁾ : Replace Sensor | | 26665599 = 40 TU | |
| Causal Part: | | 07K 198 125 (Service-kit) OR 07K 906 051 * (Sensor) | |
| Diagnostic Time ⁴⁾ | | | |
| GFF Time expenditure | 01500000 = 30 TU max. | | YES |
| Road Test | 01210002 = 10 TU 01210004 = 10 TU | | YES |



Technical Bulletin

| | | |
|--|-----------------------|----|
| Technical Diagnosis | 01320000 = 00 TU max. | NO |
| Claim Comment: Input "As per Technical Bulletin 2028415" in comment section of Warranty Claim. | | |
| <p>1) Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only.</p> <p>2) Code per warranty vendor code policy.</p> <p>3) Labor Time Units (TUs) are subject to change with ELSA updates.</p> <p>4) Documentation required per Warranty Policy Procedures Manual.</p> | | |

Required Parts and Tools

| Part Description | Part No: | Quantity |
|-------------------------|-----------------|-----------------|
| Service-kit | 07K 198 125 | 1 |
| OR | | |
| Sensor | 07K 906 051 * | 1 |

| Tool Description | Tool No: |
|-----------------------------------|--|
| Midtronics Battery Tester/Charger | InCharge 940 (INC-940) or GRX3000VAS |
| VAS Diagnostic Tool | VAS 6150/X & VAS 6160/X with: ODIS Service with: current online updates |



Technical Bulletin

Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.

| Document Control Revision Table | | | |
|---------------------------------|----------|---------|---|
| 2028415/5 | 4/24/19 | V261902 | Update to labor operation numbers in warranty table per SAGA updates. |
| 2028415/4 | 10/10/17 | V261702 | Update to warranty table. |
| 2028415/1 | 7/2/12 | V261204 | Original publication. |