



Technical Bulletin

| Model(s) | Year | Eng. Code | Trans. Code | VIN Range From | VIN Range To |
|---|------|-----------------|-------------|----------------|--------------|
| Passat, Jetta, Beetle, Beetle Convertible | 2015 | 2.0L TDI (CVCA) | All | All | All |
| Golf, Golf SportWagen | 2015 | 2.0L TDI (CRUA) | All | All | All |

Condition

01 15 08 March 30, 2015 **2040171** Supersedes Technical Bulletin V011506 dated March 26, 2015 to include Golf SportWagen applicability.

MIL ON Camshaft Position Faults P0011 and or P0016 Stored in Fault Memory

| DTC | Description |
|-------|---|
| P0011 | "A" Camshaft Position - Timing Over-Advanced or System Performance Bank 1 |
| P0016 | Crankshaft Position - Camshaft Position Correlation Bank 1 Sensor A |

Technical Background

The camshaft adjuster control valve may stick causing camshaft position faults.

Production Solution

Measures implemented into production.

Technical Bulletin

Service



To avoid engine damage when working on the valvetrain, both camshafts must be locked in place according to the repair manual, see repair group 15 in Elsa.

Scenario 1: Valve timing incorrect

- If one or more of the above faults are stored in the engine control unit, check the valve timing according to the repair manual, see repair group 15 in Elsa.
- If the valve timing is incorrect, adjust it according to the repair manual.

Scenario 2: Valve timing correct

- If the valve timing is correct, replace the control valve in the camshaft positioner (N205), Part Number: 03L 906 455, according to the repair manual, see repair group 15 in Elsa.



When changing the control valve, the engine should be held at TDC.

- Change the engine oil and filter.



Technical Bulletin

Warranty

| To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾ | | | | | |
|--|--------------------|--|---------------------------|---|--------------|
| Model(s) | Year(s) | Eng. Code(s) | Trans. Code(s) | VIN Range From | VIN Range To |
| Passat | 2015 | 2.0L TDI (CVCA) | All | All | All |
| SAGA Coding | | | | | |
| Claim Type: | | Use applicable Claim Type ¹⁾ | | | |
| Service Number: | Damage Code | HST | | Damage Location (Depends on Service No.) | |
| 1584 | 0010 | -- | | Use applicable when indicated in Elsa (L/R) | |
| Parts Manufacturer | | Passat | | WVO ²⁾ | |
| Valve Timing Incorrectly Adjusted | | | | | |
| Labor Operation ³⁾: Check and adjust valve timing | | | 1502 05 05 = 190 | | |
| OR | | | | | |
| Valve Timing Correct | | | | | |
| Labor Operation ³⁾: Camshaft adjuster remove+reinstall | | | 1584 19 56 = 90 TU | | |
| Labor Operation ³⁾: Control Housing remove+reinstall | | | 1585 19 55 = 20 TU | | |
| Labor Operation ³⁾: Air Cleaner remove+reinstall | | | 2325 19 05 = 40 TU | | |
| Labor Operation ³⁾: Valve Timing Check | | | 15020105 = 140 TU | | |
| Labor Operation ³⁾: Engine oil and filter replaced | | | 1730 55 99 = 70 TU | | |



Technical Bulletin

| | | |
|---|-----------------------|-------------|
| Causal Part: | | 03L 906 455 |
| Diagnostic Time ⁴⁾ | | |
| GFF Time expenditure | 01500000 = 30 TU max. | YES |
| Road Test | 01210004 = 10 TU | YES |
| Technical Diagnosis | 01320000 = 00 TU max. | NO |
| Claim Comment: Input "As per Technical Bulletin 2040171" 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 Policies and Procedures Manual.</p> | | |

| | | | | | |
|--|--------------------|---|---|-----------------------|---------------------|
| To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾ | | | | | |
| Model(s) | Year(s) | Eng. Code(s) | Trans. Code(s) | VIN Range From | VIN Range To |
| Beetle Convertible | 2015 | 2.0L TDI (CVCA) | All | All | All |
| SAGA Coding | | | | | |
| Claim Type: | | Use applicable Claim Type ¹⁾ | | | |
| Service Number: | Damage Code | HST | Damage Location (Depends on Service No.) | | |
| 1584 | 0010 | -- | Use applicable when indicated in Elsa (L/R) | | |
| Parts Manufacturer: | | Beetle Convertible | 3ME ²⁾ | | |
| Valve Timing Incorrectly Adjusted | | | | | |
| Labor Operation ³⁾ : Check and adjust valve timing | | | 1502 05 05 = 190 TU | | |
| OR | | | | | |



Technical Bulletin

| Valve Timing Correct | | |
|---|-----------------------|-----|
| Labor Operation ³⁾ : Camshaft adjuster remove+reinstall | 1584 19 56 = 80 TU | |
| Labor Operation ³⁾ : Toothed belt cover remove+reinstall | 1587 19 05 = 70 TU | |
| Labor Operation ³⁾ : Noise dampening pan remove+reinstal | 1082 19 00 = 50 TU | |
| Labor Operation ³⁾ : Valve Timing Check | 15020105 = 140 TU | |
| Labor Operation ³⁾ : Engine oil and filter replaced | 1730 55 99 = 50 TU | |
| Causal Part: | 03L 906 455 | |
| Diagnostic Time ⁴⁾ | | |
| GFF Time expenditure | 01500000 = 30 TU max. | YES |
| Road Test | 01210004 = 10 TU | YES |
| Technical Diagnosis | 01320000 = 00 TU max. | NO |
| Claim Comment: Input "As per Technical Bulletin 2040171" 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 Policies and Procedures Manual.</p> | | |

| To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾ | | | | | |
|---|---------|--------------------|----------------|----------------|--------------|
| Model(s) | Year(s) | Eng. Code(s) | Trans. Code(s) | VIN Range From | VIN Range To |
| Jetta, Beetle | 2015 | 2.0L TDI (CVCA) | All | All | All |
| Golf, Golf SportWagen | 2015 | 2.0L TDI (CRUA) | All | All | All |



Technical Bulletin

| SAGA Coding | | | |
|---|---|---------------------|---|
| Claim Type: | Use applicable Claim Type ¹⁾ | | |
| Service Number: | Damage Code | HST | Damage Location (Depends on Service No.) |
| 1584 | 0010 | -- | Use applicable when indicated in Elsa (L/R) |
| Parts Manufacturer | Golf, Golf SportWagen | WVO ²⁾ | |
| | Jetta, Beetle | 3ME ²⁾ | |
| Valve Timing Incorrectly Adjusted | | | |
| Labor Operation ³⁾ : Check and adjust valve timing | | 1502 05 05 = 190 TU | |
| OR | | | |
| Valve Timing Correct | | | |
| Labor Operation ³⁾ : Camshaft adjuster remove+reinstall | | 1584 19 56 = 80 TU | |
| Labor Operation ³⁾ : Toothed belt cover remove+reinstall | | 1587 19 05 = 70 TU | |
| Labor Operation ³⁾ : Valve Timing Check | | 15020105 = 140 TU | |
| Labor Operation ³⁾ : Engine oil and filter replaced | | 1730 55 99 = 50 TU | |
| Causal Part: | | 03L 906 455 | |
| Diagnostic Time ⁴⁾ | | | |
| GFF Time expenditure | 01500000 = 30 TU max. | YES | |
| Road Test | 01210004 = 10 TU | YES | |
| Technical Diagnosis | 01320000 = 00 TU max. | NO | |
| Claim Comment: Input "As per Technical Bulletin 2040171" in comment section of Warranty Claim. | | | |
| ¹⁾ Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only | | | |
| ²⁾ Code per warranty vendor code policy. | | | |



Technical Bulletin

³⁾ Labor Time Units (TUs) are subject to change with ELSA updates.

⁴⁾ Documentation required per Warranty Policies and Procedures Manual.

Required Parts and Tools

| Part No: | Part Description | Quantity |
|-----------|---------------------------------|----------|
| 03L906455 | Camshaft Adjuster Control Valve | 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 |

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.