



Technical Bulletin

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Golf, Jetta Sportwagen, Golf Wagon	2011-2012	2.0L (CJAA)	All	All	All
Jetta	2011-2012	2.0L (CJAA)	All	All	All
Passat	2012	2.0L (CKRA)	All	All	All

Condition

28 13 01 April 5, 2013 2029514 Supersedes T. B. V281206 dated December 20, 2012 to correct battery removal and installation labor operation number in first warranty table.

MIL ON, DTC(s) P0671, P0672, P0673 and/or P0674 Stored in ECM Fault Memory

DTC	Description
P0671	Cylinder 1 Glow Plug Circuit
P0672	Cylinder 2 Glow Plug Circuit
P0673	Cylinder 3 Glow Plug Circuit
P0674	Cylinder 4 Glow Plug Circuit

Technical Background

Internal hardware issue of the glow plug relay may cause an over voltage supply to the glow plug(s) damaging the heating element (figures 1 and 2).

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Figure 1



Figure 2

Production Solution

Improved glow plug relays implemented in production and spare parts.

Service

If faults P0671, P0672, P0673 and/or P0674 are stored in the ECM fault memory, replace the glow plug relay and the affected glow plug. See Repair Manual Group 28 in ElsaWeb.



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Warranty

Golf, Jetta SportWagen, Golf Wagon

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
Golf, Jetta Sportwagen, Golf Wagon	2011-2012	2.0L (CJAA)	All	All	All
SAGA Coding					
Claim Type:			Use applicable Claim Type ¹⁾		
Service Number:	Damage Code	HST	Damage Location (Depends on Service No.)		
2885	0040	--	Use applicable when indicated in ElsaWeb (L/R)		
Parts Manufacturer	Golf, Jetta SportWagen, Golf Wagon		FJS ²⁾		
GOLF, GOLF WAGON					
Labor Operation ³⁾ : Remove and Install Battery			27061900 = 30 TU		
Labor Operation ³⁾ : Remove and Install Glow Plug Relay			28871950 = 10 TU		
Labor Operation ³⁾ : Remove and Install one Glow Plug			28841933 = 40 TU		
OR					
Labor Operation ³⁾ : Remove and Install multiple glow plug(s)			28842033 = 70 TU		
JETTA SPORTWAGEN					
Labor Operation ³⁾ : Remove and Install Battery			27061935 = 40 TU		
Labor Operation ³⁾ : Remove and Install Glow Plug Relay			28871950 = 10 TU		
Labor Operation ³⁾ : Remove and Install one Glow Plug			28841933 = 40 TU		



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OR		
Labor Operation ³⁾ : Remove and Install multiple glow plug(s)	28842033 = 70 TU	
Causal Part:	03L907281	
Diagnostic Time ⁴⁾		
GFF Time expenditure	01500000 = actual time	YES
Road Test	01210002 = 10 TU 01210004 = 10 TU	NO
Technical Diagnosis	01320000 = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2029514" 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. ³⁾ Labor Time Units (TUs) are subject to change with ELSA updates. ⁴⁾ Documentation required per Warranty Policy Procedures Manual.		

Jetta

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Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Jetta	2011-2012	2.0L (CJAA)	All	All	All
SAGA Coding					
Claim Type:			Use applicable Claim Type ¹⁾		
Service Number:	Damage Code	HST	Damage Location (Depends on Service No.)		
2884	0040	--	Use applicable when indicated in ElsaWeb (L/R)		
Parts Manufacturer	Jetta			FJS ²⁾	
Labor Operation ³⁾ : Battery Remove and Install			27061900 = 30 TU		



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Labor Operation ³⁾ : Remove and Install Glow Plug Relay		28851950 = 10 TU
Labor Operation ³⁾ : Remove and Install Glow Plug		28841933 = 50 TU
Labor Operation ³⁾ : Remove and Install Remove and Install multiple glow plug(s)		28842033 = 70 TU
Causal Part:		03L907282
Diagnostic Time ⁴⁾		
GFF Time expenditure	01500000 = actual time	YES
Road Test	01210002 = 10 TU 01210004 = 10 TU	NO
Technical Diagnosis	01320000 = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2029514" in comment section of Warranty Claim.		
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Passat

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	2012	2.0L (CKRA)	All	All	All
SAGA Coding					
Claim Type:			Use applicable Claim Type ¹⁾		
Service Number:	Damage Code	HST	Damage Location (Depends on Service No.)		
2884	0040	--	Use applicable when		



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		indicated in ElsaWeb (L/R)
Parts Manufacturer	Passat	FJS ²⁾
Labor Operation ³⁾ : Remove and Install Glow Plug Relay	28851900 = 20 TU	
Labor Operation ³⁾ : Remove and Install Glow Plug	28841933 = 40 TU	
Labor Operation ³⁾ : Remove and Install Remove and Install multiple glow plug(s)	28842033 = 50 TU	
Causal Part:	03L907282	
Diagnostic Time ⁴⁾		
GFF Time expenditure	01500000 = actual time	YES
Road Test	01210002 = 10 TU 01210004 = 10 TU	NO
Technical Diagnosis	01320000 = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2029514" 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. ³⁾ Labor Time Units (TUs) are subject to change with ELSA updates. ⁴⁾ Documentation required per Warranty Policy Procedures Manual.		



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Required Parts and Tools

Part Description	Part No:	Quantity
Glow Plug Relay	03L907282 (Jetta, Passat)	1
Glow Plug Relay	03L907281 (Golf, Jetta Sportwagen)	1
Glow Plug	03L905061F (all affected models)	1 per cylinder as required

Tool Description	Tool No:
Midtronics Battery Tester/Charger	InCharge 940 (INC-940)
VAS Diagnostic Tool	VAS-PC, 5051B, 5052A, 6150X (Base CD V19.01.00 and Brand DVD V19.20.00 or higher)

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.