



48-23-01 - Travel Assist Currently Not Available

Release date: 9/13/2023

Condition

Applicable Vehicles					
Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Golf R, GTI, Tiguan, Jetta, Arteon	2022-2023	All	All	All	All

Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2070207/5	9/13/2023	48-23-01	Update to PR codes.
2070207/3	8/14/2023	48-23-01	To include an additional labor operation.
2070207/1	5/4/2023	48-23-01	Original publication.

Customer states:

Various driver assist systems do not work/cannot be switched on. The following messages are shown in the display:

– Travel Assist currently not available.

or

– Emergency Assist limited availability.

Technical Background

Hardware-related deviation of the sensor mat (“hands on detection”) in the steering wheel and software-related deviation in the steering wheel touch detection control module -J1158-.



Note:

This bulletin only applies to vehicles with equipment (PR number) 2PD, 2PS, 2PE, 2FM, 2PT, 2FT, 1XT with one of the following: 6I2 or 6I6.

– 2PD: Multifunction sports steering wheel (leather)

– 2PS: Multifunction sports steering wheel (leather), heated

– 2PE: Multifunction sports steering wheel (leather), with tiptronic



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- 2PT: multifunction sports steering wheel (leather), heated with tiptronic
 - 1XT: multifunction sports steering wheel (leather), heated with tiptronic
 - 2FM: Multifunction steering wheel (leather), heated
 - 2FT: Multifunction steering wheel (leather), heated with tiptronic
 - 6I2: Lane Assist plus Traffic Jam Assist
 - 6I6: Lane Assist plus Emergency Assist and Traffic Jam Assist

Production Solution

Not applicable.

Service

Technician findings:

- The customer statement cannot always be reproduced.

In the adaptive cruise control module (diagnosis address 0013) the following event entry is (sporadically/statically) logged:

- **U112300**: data bus, received error value

– Symptom: **2418**

or

In the Gateway module (diagnosis address 0019) one of the following event entries is (sporadically/statically) logged:

- **B17B8F2**: control unit for steering wheel touch detection sensor fault

– Symptom: **8786912**

or

- **U133E00**: control unit for steering wheel touch detection, no communication

– Symptom: **197438**

or

One of the following event entries must be logged in the front camera for driver assist systems (diagnosis address 00A5, sporadic/static):

- **U112300**: data bus, received error value

– Symptom: **1124393**

or

- **U112300**: data bus, received error value

– Symptom: **1124477**



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**Note:**

If the event entries (see under technician findings) include other symptom numbers, this bulletin **does not apply**. In this case the costs for the repair cannot be accounted on this technical bulletin.

**Note:**

When working on the airbag always observe the safety instructions in the repair manual.

Replace the steering wheel, enable operation of the control unit for multi-function steering wheel and the control unit for steering wheel touch detection.

Procedure:

- Remove the steering wheel according to the repair manual. See Repair Group 48 in Elsa.
 - Install the new steering wheel according to the repair manual. See Repair Group 48 in Elsa.
 - With Guided Fault Finding, enable the control unit for multi-function steering wheel and the control unit for steering wheel touch detection.
- Under “own test plan”, select the diagnosis address “0019”.
- In “test plan” operation mode, select the “LIN participants” function.
- In the “test plan” section, select and perform the “control unit for multi-function steering wheel start-up” function.
- In the “test plan” section, select and perform the “control unit for steering wheel touch detection start-up” function.



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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
Golf R, GTI, Tiguan, Jetta, Arteon	2022-2023	All	All	All	All
SAGA Coding					
Claim Type:	Use applicable Claim Type ¹⁾				
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
4810	0040	--		Use applicable when indicated in Elsa (L/R)	
Parts Manufacturer	Golf R, GTI, Arteon		WG8		
	Jetta, Tiguan		3ME		
Labor Operation ³⁾ : Charge battery			27068950 = see Elsa for latest time units		
Labor Operation ³⁾ : Replace steering wheel			48105550 = see Elsa for latest time units		
Labor Operation ³⁾ : Steering wheel remove+install			48101950 = see Elsa for latest time units		
Labor Operation ³⁾ : Driver airbag unit remove+install			69581900 = see Elsa for latest time units		
Labor Operation ³⁾ : Battery ground strap loosen+tighten			97850950 = see Elsa for latest time units		
Causal Part:			4810****		
Diagnostic Time ⁴⁾					
GFF Time expenditure	01500000 = Actual GFF print out			YES	



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Road Test	01210002 = 10 TU 01210004 = 10 TU	YES
Technical Diagnosis.	01320000 = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2070207" in comment section of Warranty Claim.		
<ol style="list-style-type: none"> 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 Policies and Procedures Manual. 		

Required Parts and Tools

Tool Description	Tool No:
Midtronics Battery Tester/Charger	GRX3000VAS or MTRMSP0702 battery maintainer/charger
VAS Diagnostic Tool	VAS 6150/X & VAS 6160/X and 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.