



48-23-01 - Travel Assist Currently Not Available

Release date: 8/14/2023

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
2070207/3	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
- 2PT: multifunction sports steering wheel (leather), heated with tiptronic



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- 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.		
<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>		

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.