



2022





ASSISTANCE COMPETENCE



76%

SAFETY BACKUP





## **SPECIFICATION**

SYSTEM NAME	Travel Assist
Version Tested	Pro
STANDARD ACTIVE SAFETY SYSTEMS	
AEB Car-to-Car	
AEB Vulnerable Road User	
Lane Support Systems	
Speed Assistance Systems	

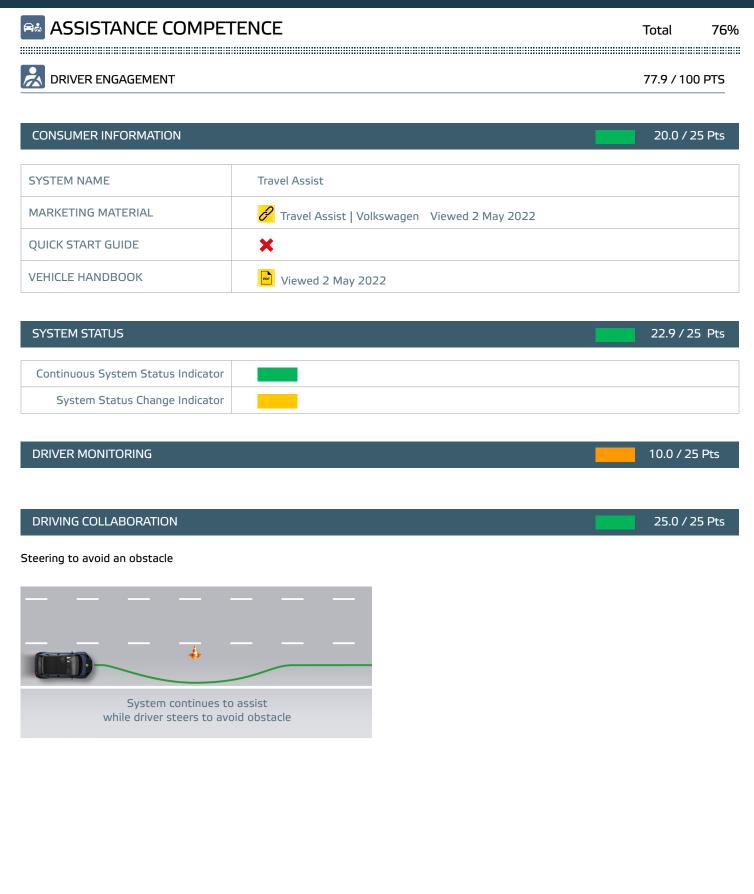
### Comments

Volkswagen's appropriately named 'Travel Assist' accurately portrays system functionality. The promotional material and the handbook correctly indicate the limitations of the system capabilities. Status information is clear, and the ID.5 offers a head-up display showing the system status in the driver's direct line of sight. VW did not equip the ID.5 with an internal camera and the system relies only on steering wheel input for Driver Monitoring. The system balances driver steering input with lane guidance, promoting co-operative driving.

VW combines map-based speed limit information with real time camera inputs to manage fixed, variable and temporary speed limit signs. The system adapts speed for upcoming road features such as curves and junctions. The ID.5 responds to avoid a collision in most of the ACC test scenarios and requires AEB interventions in the more critical stopped vehicle, cut-in and cut-out tests. The driver is supported through the S-Bend, staying within the lane at all test speeds. The vehicle has an Active Blindspot system designed to prevent lane changing into adjacent vehicles. A lane-change assist function is provided. In case of an unresponsive driver, the VW performs a controlled stop in lane. If the radar or camera are blocked the ID.5 provides a timely warning and prevents system activation.

The VW ID.5 provides very good Vehicle Assistance with a similar level of Driver Engagement. Combined with excellent safety back-up, the system, overall, offers Very Good highway assistance.





MARGINAL

WEAK

GOOD

ADEQUATE

POOR





Total

76%



VEHICLE ASSISTANCE

77.0 / 100 PTS

24.3 / 25 Pts

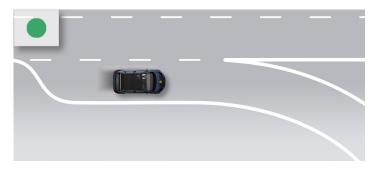
# SPEED ASSISTANCE

### SPEED ASSIST SYSTEMS

Vehicle response to fixed Speed limits	At speed at sign
Vehicle response to variable Speed limits	Slowing down at sign

### **ROAD FEATURES**

# Speed adaptation for corners



### Speed adaptation for round-abouts



### Speed adaptation for junctions



FITTED TO THE VECHILE

NOT AVAILABLE



# ASSISTANCE COMPETENCE

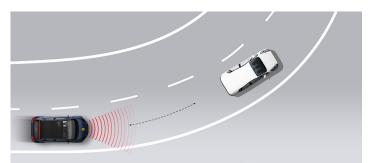
Total

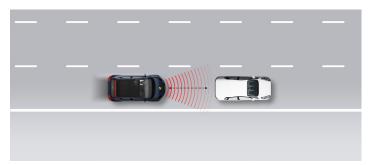
76%

### ADAPTIVE CRUISE CONTROL PERFORMANCE

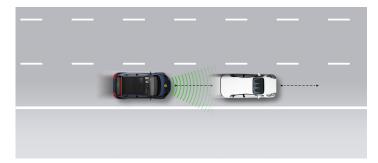
17.7 / 40 Pts

### Approaching a stationary car

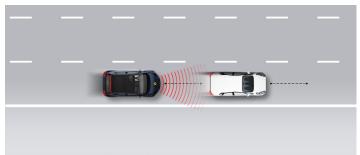




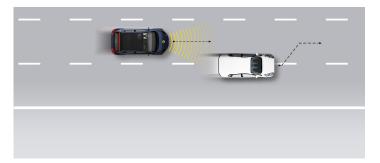
### Approaching a slower moving car



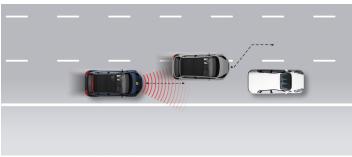
### Approaching a braking car



### Car cutting-in in front



### Car cutting-out in front



UNDERTAKE PREVENTION	
Undertake prevention at speeds over 90 km/h	

ADAPTIVE CRUISE CONTROL AUTO-RESUME	
Assistance maintained after coming to a full stop	
System assistance maintained by	Automatic resume after stop (any time after stop)



# ASSISTANCE COMPETENCE STEERING ASSISTANCE Steering in an S-curve 80 km/h 100 km/h 120 km/h

120 km/h

Lane Change Assist



# SAFETY BACKUP

Total

85%

SYSTEM FAILURE	25.0 / 25 Pts

	ENGAGEMENT	WARNING		
SENSOR BLOCKED AT START-UP				
Camera	System can NOT be engaged after a 5 minute drive	Visual Warning within 5 minutes after sensor blocking		
Radar	System can NOT be engaged after a 5 minute drive	Visual Warning within 5 minutes after sensor blocking		
SENSOR BLOCKED WITH VEHICLE IN MOTION, SYSTEM INACTIVE				
Camera	System can NOT be engaged after a 5 minute drive	Visual Warning within 5 minutes after sensor blocking		
Radar	After a 5 minute drive	After sensor blocking		
SENSOR BLOCKED WITH VEHICLE IN MOTION, SYSTEM ACTIVE				
Camera	Within 2 minutes after blocking	After sensor blocking		
Radar	After sensor blocking	After sensor blocking		

# UNRESPONSIVE DRIVER INTERVENTION

20.0 / 25 Pts

time

Hands Off Warning Timeline





0



# SAFETY BACKUP

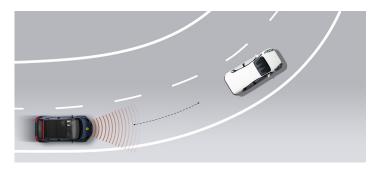
Total

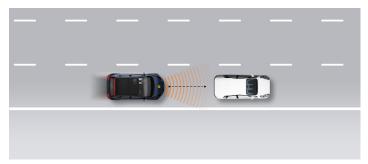
85%

### **COLLISION AVOIDANCE**

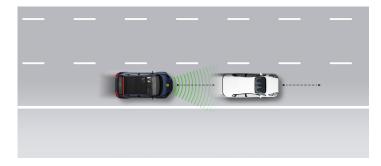
40.7 / 50 Pts

### Approaching a stationary car

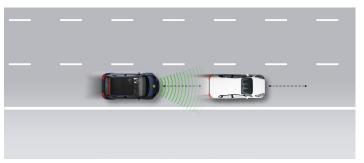




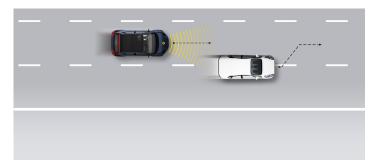
### Approaching a slower moving car



### Approaching a braking car



### Car cutting-in in front



### Car cutting-out in front

