



Nissan Qashqai
ProPILOT with Navi-Link

2022



ASSISTANCE
COMPETENCE



74%

SAFETY
BACKUP



93%

SPECIFICATION

SYSTEM NAME	ProPILOT with Navi-Link
STANDARD ACTIVE SAFETY SYSTEMS	
AEB Car-to-Car	●
AEB Vulnerable Road User	●
Lane Support Systems	●
Speed Assistance Systems	●

Comments

Nissan’s system name ProPilot with Navi-Link implies full automation but the promotional material and the handbook correctly indicate the limitations of the system capabilities. Status information is clear, and the Qashqai offers a head-up display showing the system status in the driver’s direct line of sight. Nissan did not equip the Qashqai 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.

Nissan combines map-based speed limit information with real time camera inputs to manage fixed, variable and temporary speed limit signs. The system can adapt speed for upcoming road features such as curves and roundabouts, but not for approaching junctions. The Qashqai avoids a collision with moving vehicles in the ACC test scenarios and responds also to stationary cars, with AEB interventions providing additional support in critical situations. The driver is supported through the S-Bend, staying within the lane at all but the highest test speed. The vehicle has an Active Blindspot system designed to prevent lane changing into adjacent vehicles. A lane-change assist function is not available. In case of an unresponsive driver, the Nissan performs a controlled stop in lane. If the radar or camera are blocked the Qashqai provides a timely warning and prevents system activation.

The Nissan Qashqai provides a good, and very balanced, level of driver engagement and driving assistance. Combined with excellent safety back-up, the system offers a Very Good level of highway assistance overall.

ASSISTANCE COMPETENCE

Total 74%

DRIVER ENGAGEMENT

75.9 / 100 PTS

CONSUMER INFORMATION 20.0 / 25 Pts

SYSTEM NAME	ProPILOT with Navi-Link
MARKETING MATERIAL	ProPILOT with Navi-Link Nissan Viewed 2 May 2022
QUICK START GUIDE	
VEHICLE HANDBOOK	Viewed 2 May 2022

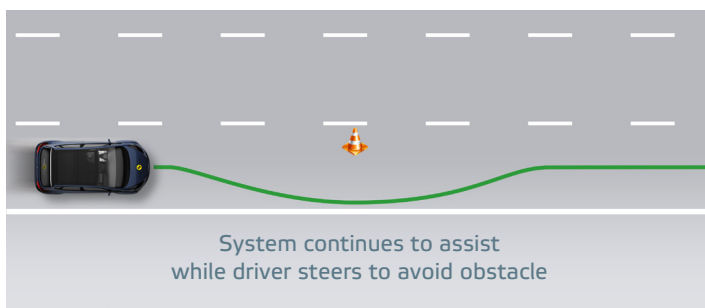
SYSTEM STATUS 20.9 / 25 Pts

Continuous System Status Indicator	
System Status Change Indicator	

DRIVER MONITORING 10.0 / 25 Pts

DRIVING COLLABORATION 25.0 / 25 Pts

Steering to avoid an obstacle



GOOD
 ADEQUATE
 MARGINAL
 WEAK
 POOR

ASSISTANCE COMPETENCE

Total 74%

VEHICLE ASSISTANCE

74.3 / 100 PTS

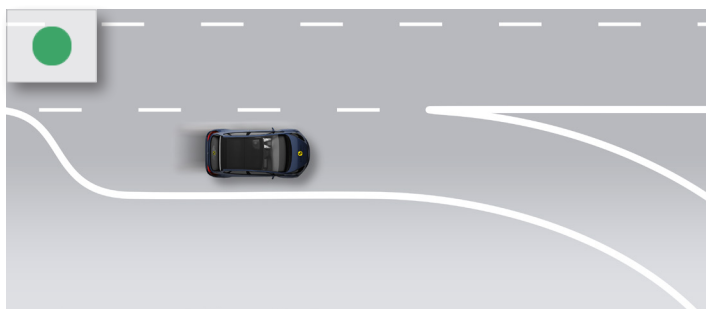
SPEED ASSISTANCE 15.3 / 25 Pts

SPEED ASSIST SYSTEMS

Vehicle response to fixed Speed limits	Start slowing down after sign
Vehicle response to variable Speed limits	Start slowing down after sign

ROAD FEATURES

Speed adaptation for corners



Speed adaptation for roundabouts



Speed adaptation for junctions



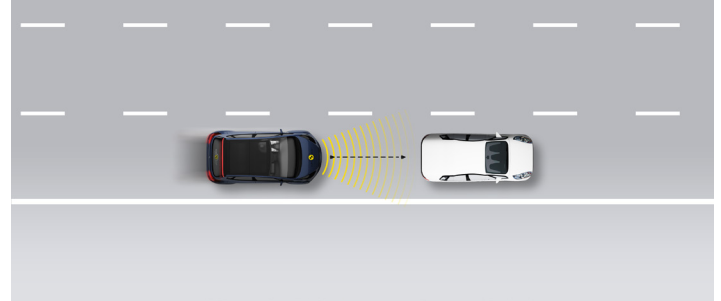
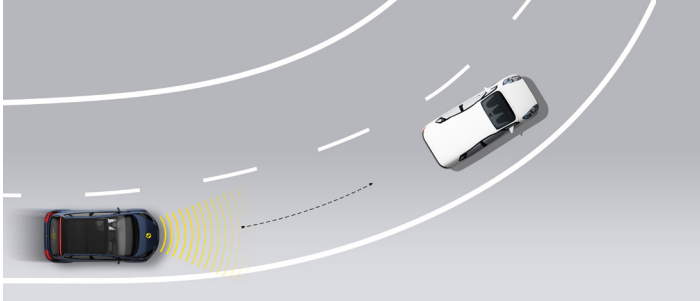
● FITTED TO THE VEHICLE
 NOT AVAILABLE

ASSISTANCE COMPETENCE

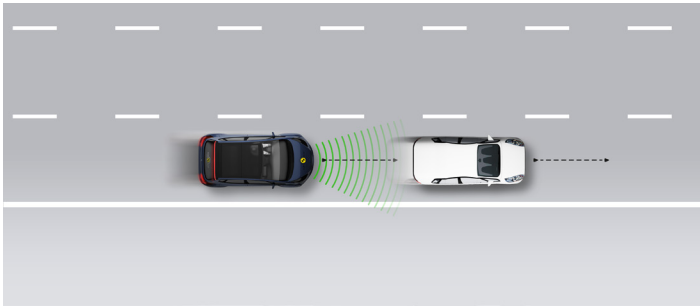
Total 74%

ADAPTIVE CRUISE CONTROL PERFORMANCE 29.0 / 40 Pts

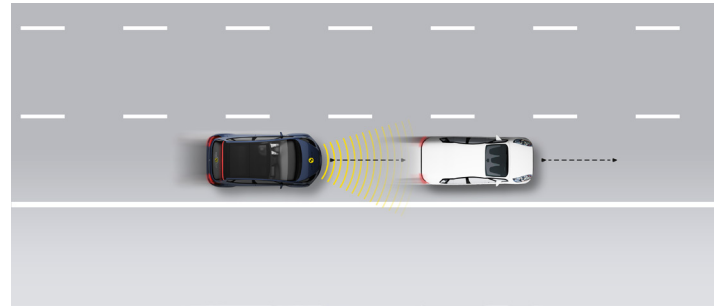
Approaching a stationary car



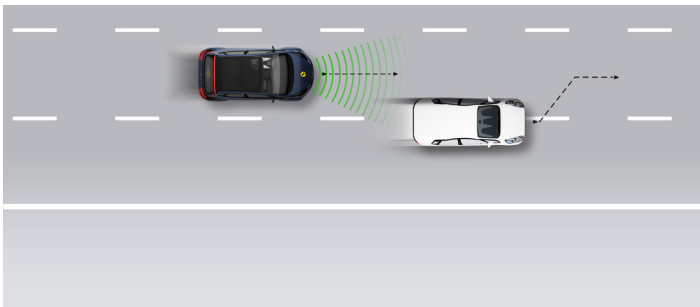
Approaching a slower moving car



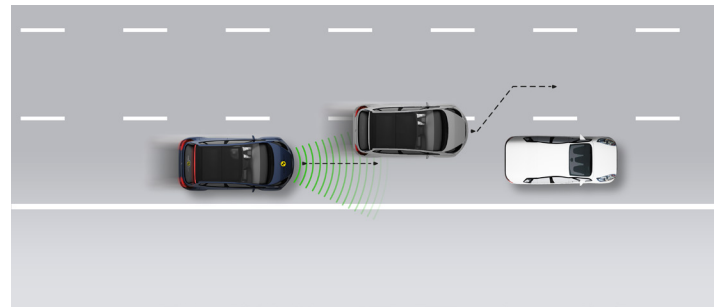
Approaching a braking car



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 within 5s of stop and driver input required over 5s

ASSISTANCE COMPETENCE

Total 74%

STEERING ASSISTANCE 30.0 / 35 Pts

Steering in an S-curve



80 km/h	●
100 km/h	●
120 km/h	●
Lane Change Assist	✘

SAFETY BACKUP

Total 93%

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

Hands Off Warning Timeline

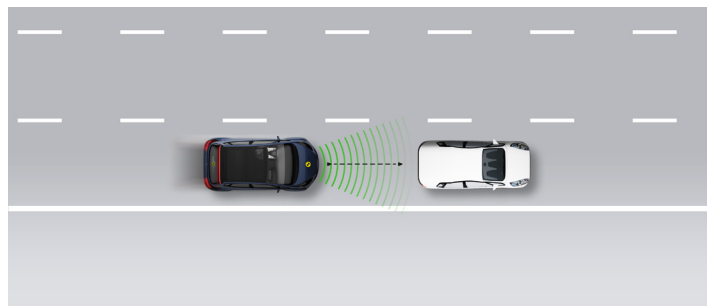
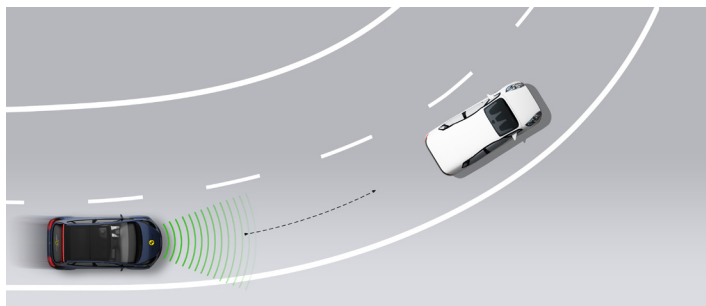


 SAFETY BACKUP

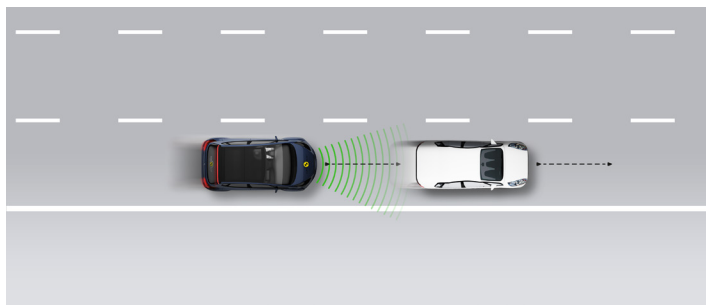
Total 93%

COLLISION AVOIDANCE  48.4 / 50 Pts

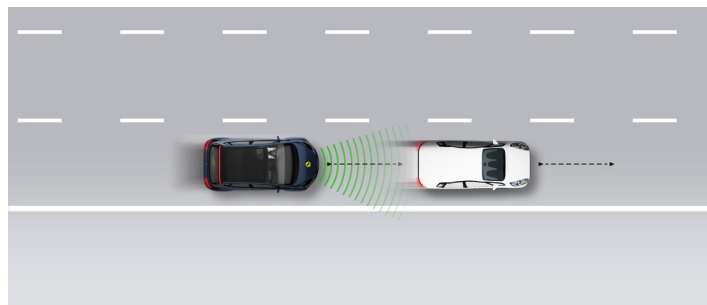
Approaching a stationary car



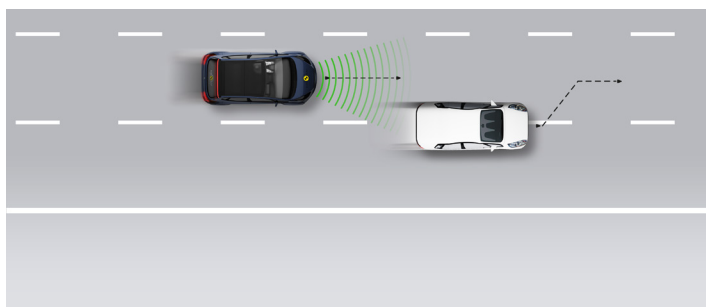
Approaching a slower moving car



Approaching a braking car



Car cutting-in in front



Car cutting-out in front

