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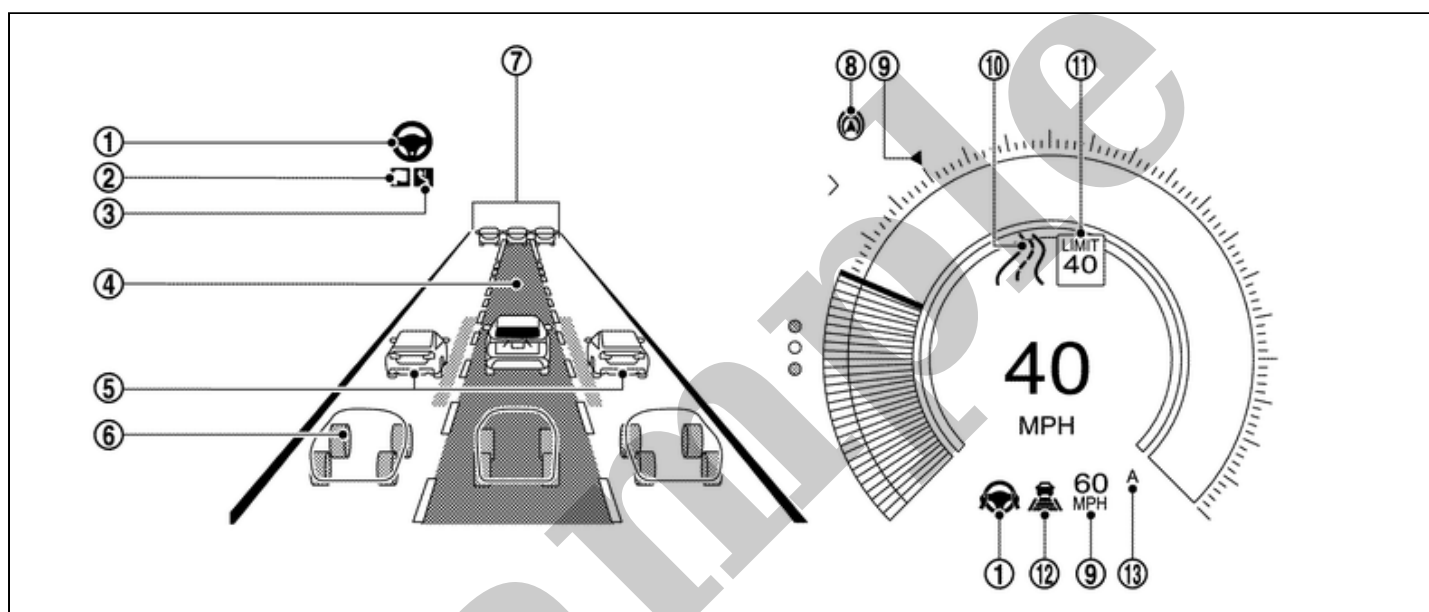
2018 Nissan Armada Service and Repair Manual

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No.	Switch name	Description
⑦	SET- switch	<p>Sets desired cruise speed or reduces speed incrementally</p> <ul style="list-style-type: none"> • Push and hold the switch to decrease the set speed by 10 km/h (5 MPH) • Push then quickly release the switch to decrease the set speed by 1 km/h (1 MPH)
⑧	DISTANCE switch	Changes the following distance from: Long, Middle, Short
⑨	Lane Change Assist switch	Accepts or declines a lane change assist suggestion

SYSTEM DISPLAY AND WARNING

SYSTEM DISPLAY (ON THE INFORMATION DISPLAY)







SIEMD-7306131-03-000399705


No.	Display name	Description
①	Steering Assist indicator	Indicates the status of the Steering Assist function.
②	Route Assist Indicator	Icon is displayed when Route Assist feature is available.
③	Lane Change Assist Indicator	Icon is displayed when Lane Change Assist feature is available.
④	Route Assist display	This image is displayed when Route Assist feature is available.
⑤	Side detection	Indicates that a vehicle is detected in the side spot.
⑥	Surrounding Vehicle Display	<p>Displays other detected vehicles, including passenger vehicles, trucks and motorcycles. The multi-lane display is only available on HD* mapped, limited access freeway. (When driving at speeds more than approximately 60 km/h (37 MPH).)</p> <p>*: HD map data can be used with a subscription service which requires owner consent to activate. The subscription must be active to use these features.</p>
⑦	Vehicle ahead detection indicator	Displays whether the system detects a vehicle ahead.
⑧	ProPILOT Assist 2.0 status indicator	Indicates the status of ProPILOT Assist 2.0.
⑨	Vehicle Set Speed Indicator	Indicates the vehicle set speed.
⑩	Road information indicator	Indicates the detected road information.

No.	Display name	Description
⑪	Detected road sign (speed limit) indicator	Indicates the currently detected speed limit.
⑫	Intelligent Cruise Control (ICC) Status Indicator	Displays the status of the speed control including the distance setting and detection of a lead vehicle.
⑬	Speed Limit Adjust Indicator (A)	Indicates the detected speed limit will be automatically applied to the vehicle set speed.

ProPILOT Assist 2.0 operation display









ProPILOT Assist 2.0 displays three operating states in color (blue, green, white) and steering wheel assist function display.

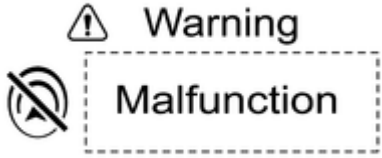
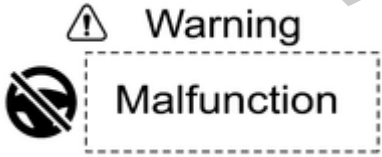
Display	Color	Description
 SIEMD-7306131-13-000399707	Blue	<ul style="list-style-type: none"> Vehicle speed/vehicle-to-vehicle distance control function and lane keeping function are operated. Driver always keep eyes on the front and take hands off the steering wheel as long as driver can operate the steering wheel immediately according to the road, traffic, and vehicle conditions.
Steering wheel assist function display  SIEMD-7306131-08-000271914		
 SIEMD-7306131-01-000399708	Green	<ul style="list-style-type: none"> Vehicle speed/vehicle-to-vehicle distance control function and lane keeping function are operated. Driver must always hold the steering wheel and try to drive safely.
Steering wheel assist function display  SIEMD-7306131-09-000271915		


Display	Color	Description
 SIEMD-7306131-02-000349854	White	<ul style="list-style-type: none"> Vehicle speed/vehicle-to-vehicle distance control function is operated. Lane keeping function are operated.

ProPILOT Assist 2.0 warning message

If a warning message is displayed, follow the "Description/Action" below.


Display	Display condition	Description/Action	Buzzer
 Warning  Look Forward SIEMD-7306131-MD-7306131-14-000399709OffOff-9CA2A601-000399709	When judging that driver is not paying attention to the situations ahead	<ul style="list-style-type: none"> Driver faces the front and always pays attention to the situation ahead. Warning lamp is turned off when driver turns to the front. 	ON
 Warning  SIEMD-7306131-MD-7306131-15-000399703OffOff-9CA2A996-000399703	When driver does not hold steering wheel or not operate steering wheel <ul style="list-style-type: none"> Difference between HD map and actual road is determined When lane departure warning is activated 	<ul style="list-style-type: none"> Driver promptly holds steering wheel to operate. Warning lamp is turned off when driver's steering operation is detected. 	ON
 Warning  Manually Steer SIEMD-7306131-11-000399710	<ul style="list-style-type: none"> When driver continues not to pay attention to the situations ahead When requesting driver to operate steering 	<ul style="list-style-type: none"> Driver promptly holds steering wheel to operate. Warning lamp is turned off when driver's steering operation is detected. 	ON
 Warning  Slowing to Stop SIEMD-7306131-MD-7306131-16-000399712OffOff-9CA2D664-000399712	When decelerating or making emergency stop of vehicle because of no steering operation by driver	<ul style="list-style-type: none"> Driver promptly holds steering wheel to operate. When driver's steering operation is detected, warning lamp is turned off and ProPILOT Assist 2.0 is cancelled. 	ON

Display	Message	Possible cause	Description/Action	Buzzer
(Example)  SIEMD-7306131-06-000399713	Malfunction	When ProPILOT Assist 2.0 is abnormal	Check detected DTC and perform diagnosis of corresponding DTC. If condition is not improved, charge 12 V battery.	ON
	Unavailable Front Radar Obstructed	When snow or ice mud adheres around the distance sensor installed to vehicle front	Stop at safe place, turn off power switch once, remove dirt from distance sensor and its surroundings, and restart.	ON
	Unavailable Seatbelt is Unfastened	When driver's seat belt is not fastened	When driver's seat belt is not fastened, ProPILOT Assist 2.0 cannot be used.	ON
	Unavailable Parking Brake is ON	When electric parking brake is operated	When electric parking brake is operated, ProPILOT Assist 2.0 cannot be used.	ON
	Unavailable Slippery Road	<ul style="list-style-type: none"> When VDC (including traction control) is operated When tire spins 	ProPILOT Assist 2.0 cannot be used in situations when VDC/TCS is operated or tire spins.	ON
	Currently Unavailable	<ul style="list-style-type: none"> When drive mode is set to SNOW When VDC is turned off 	ProPILOT Assist 2.0 cannot be used in situations when drive mode is set to SNOW or when VDC is turned off.	ON
(Example)  SIEMD-7306131-05-000399714	Malfunction	When lane keeping function is abnormal	Stop at safe place, turn off power switch once restart, and then turn on ProPILOT Assist 2.0 system again.	ON
	Unavailable Adverse Weather	When windshield wiper is operated at high speed	When weather condition is improved, lane keeping function can be used.	ON
	Unavailable Low Visibility	<ul style="list-style-type: none"> When camera view cannot be secured due to rain, snow, fog, ice or dirt on the windshield in front of the front camera unit When receiving strong light from the front 	When weather condition is improved, lane keeping function can be used.	ON
	Unavailable Camera Temperature High	When temperature of front camera unit and its surroundings is high	When weather condition is improved, lane keeping function can be used.	ON
(Example)	Take Vehicle Control	When ProPILOT Assist 2.0 is abnormal	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. 	ON
	System Malfunction			

Display	Message	Possible cause	Description/Action	Buzzer
 <p>SIEMD-7306131-07-000399716</p>			<ul style="list-style-type: none"> Stop at safe place, turn off power switch once, restart, and then turn on ProPILOT Assist 2.0 system again. 	
	Take Vehicle Control Front Radar Blocked	When snow, ice, mud, etc. adhere to the area around distance sensor	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. Stop at safe place, turn off power switch once, remove dirt from distance sensor and its surroundings, and then restart. 	ON
	Unavailable Side Radar Obstruction	When snow, ice, mud, etc. adhere to the area around side radar	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. Stop at safe place, turn off power switch once, remove dirt from side radar and its surroundings, and then restart. 	ON
	Take Vehicle Control Seatbelt is Unfastened	When driver unfasten seat belt	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. When driver's seat belt is not fastened, ProPILOT Assist 2.0 cannot be used. 	ON
	Take Vehicle Control Parking Brake is ON	When electric parking brake is applied	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. When electric parking brake is applied, ProPILOT Assist 2.0 cannot be used. 	ON
	Take Vehicle Control Currently Unavailable	<ul style="list-style-type: none"> When drive mode is set to SNOW When VDC is turned off 	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. ProPILOT Assist 2.0 cannot be used in situations when drive mode is set to SNOW or when VDC is turned off. 	ON
	Take Vehicle Control	<ul style="list-style-type: none"> When VDC (including traction control) is operated 	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. 	ON

Display	Message	Possible cause	Description/Action	Buzzer
	Slippery Road	<ul style="list-style-type: none"> When tire spins 	<ul style="list-style-type: none"> ProPILOT Assist 2.0 cannot be used in situations when VDC/TCS is operated or tire spins. 	
	Take Steering Control	<ul style="list-style-type: none"> When vehicle speed is lower than 25 km/h approx. during no vehicle detected ahead When driver's, co-driver's, or each rear door is opened When 3 minutes approx. passed after the vehicle stopped based on vehicle speed/vehicle-to-vehicle distance control function When the select lever is set to "D" or other than manual mode 	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. ProPILOT Assist 2.0 can be used when situation is improved. 	ON
	Manually Steer Lane Marking Not Detected	When lane marker cannot be detected	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. Lane keeping function can be used when situation is improved. 	ON
	Manually Steer Adverse Weather	When windshield wiper is operated at high speed	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. Lane keeping function can be used when situation is improved. 	ON
	Manually Steer Low Camera Visibility	<ul style="list-style-type: none"> When camera view cannot be secured due to rain, snow, fog, ice or dirt on the windshield in front of the front camera unit When receiving strong light from the front 	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. Lane keeping function can be used when situation is improved. 	ON
	Manually Steer Front Camera Temp High	When temperature of front camera unit and its surroundings is high	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. Lane keeping function can be used when cabin 	ON

Display	Message	Possible cause	Description/Action	Buzzer
			temperature is decreased.	
	Manually Steer Toll Gate Ahead	When tollhouse is ahead	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. ProPILOT Assist 2.0 cannot be used at tollhouses, exits, points where number of lanes decreases, sharp curves, intersections, etc. 	ON
	Manually Steer Lane Ends Ahead	When point where number of lanes decreases is ahead	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. ProPILOT Assist 2.0 cannot be used at tollhouses, exits, points where number of lanes decreases, sharp curves, intersections, etc. 	ON
	Manually Steer Sharp Bend Ahead	When sharp curve is ahead	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. ProPILOT Assist 2.0 cannot be used at tollhouses, exits, points where number of lanes decreases, sharp curves, intersections, etc. 	ON
	Manually Steer Intersection Ahead	When intersection is ahead	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. ProPILOT Assist 2.0 cannot be used at tollhouses, exits, points where number of lanes decreases, sharp curves, intersections, etc. 	ON
	Take Steering Control	<ul style="list-style-type: none"> When exit is without tollhouse of highway or motorway When road ahead is not updated on HD map 	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. ProPILOT Assist 2.0 cannot be used at tollhouses, exits, points where number of lanes decreases, sharp 	ON

Display	Message	Possible cause	Description/Action	Buzzer
			curves, intersections, etc.	
<p>(Example)</p>  <p>SIEMD-7306131-17-000399717</p>	Hands On Wheel Outside Speed Range	When travelling beyond the vehicle speed detected by road sign detection function	Immediately hold steering wheel and operate.	ON
	Take Steering Control	<ul style="list-style-type: none"> When approaching sharp curve When travelling on roads where the travelling lane continuously merges or separates When travelling on narrow lanes 	Immediately hold steering wheel and operate.	ON
	Hands On Wheel Lane Ends	When approaching point where number of lanes are decreased	Immediately hold steering wheel and operate.	ON
	Hands On Wheel Merging Point	When approaching the travelling lane merges	Immediately hold steering wheel and operate.	ON
	Take Steering Control	When section with traffic restrictions such as construction section is detected	Immediately hold steering wheel and operate.	ON
	Hands On Wheel No HD map Information	<ul style="list-style-type: none"> When exit is without tollhouse of highway or motorway When road ahead is not updated on HD map 	Immediately hold steering wheel and operate.	ON
	Hands On Wheel GPS Unavailable	<ul style="list-style-type: none"> When GPS signal cannot be received When travelling in the tunnel 	Immediately hold steering wheel and operate.	ON
	Hands On Wheel Adverse Weather	When windshield wiper is operated at slow speed	Immediately hold steering wheel and operate.	ON
	Hands On Wheel No Median Barrier	When approaching a two-way traffic section	Immediately hold steering wheel and operate.	ON

Display	Message	Possible cause	Description/Action	Buzzer
	Hands On Wheel Can't See Face Clearly	When driver cannot be recognized	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. Remove any obstruction between the driver monitor camera and the driver. 	ON
	Hands On Wheel	When approach warning is activated	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. Secure inter vehicle distance by necessary brake pedal operation. 	ON
	Steering Assist Limited System Malfunction	When some of the steering support function cannot be operated due to abnormality of ProPILOT Assist 2.0 system	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. Stop at safe place, turn off power switch once, restart, and then turn on ProPILOT Assist 2.0 system again. 	ON
	Steering Assist Limited Side Radar Obstructed	When some of the steering support function cannot be operated because snow, ice, mud, etc. adhere to the area around side radar	<ul style="list-style-type: none"> Immediately hold steering wheel and operate. Stop at safe place, turn off power switch once, remove dirt from side radar and its surroundings, and then restart. 	ON
	Steering Assist Limited Can't See Face Clearly	When driver cannot be recognized	When driver is not recognized, some of steering support function cannot be used.	ON
	Steering Assist Limited HD map Unavailable	When some of steering support function cannot be operated because information from navigation is not transmitted	Stop at safe place, turn off power switch, restart and then turn on ProPILOT Assist 2.0 system again.	ON
	Steering Assist Limited HD Map License Expired	When HD map license is not contracted	Explain to customer.	ON
	Lane Change Assist Canceled	When lane change support is cancelled because vehicle	Change lane by operating steering wheel.	ON