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2018 NISSAN GT-R OEM Service and Repair Workshop Manual

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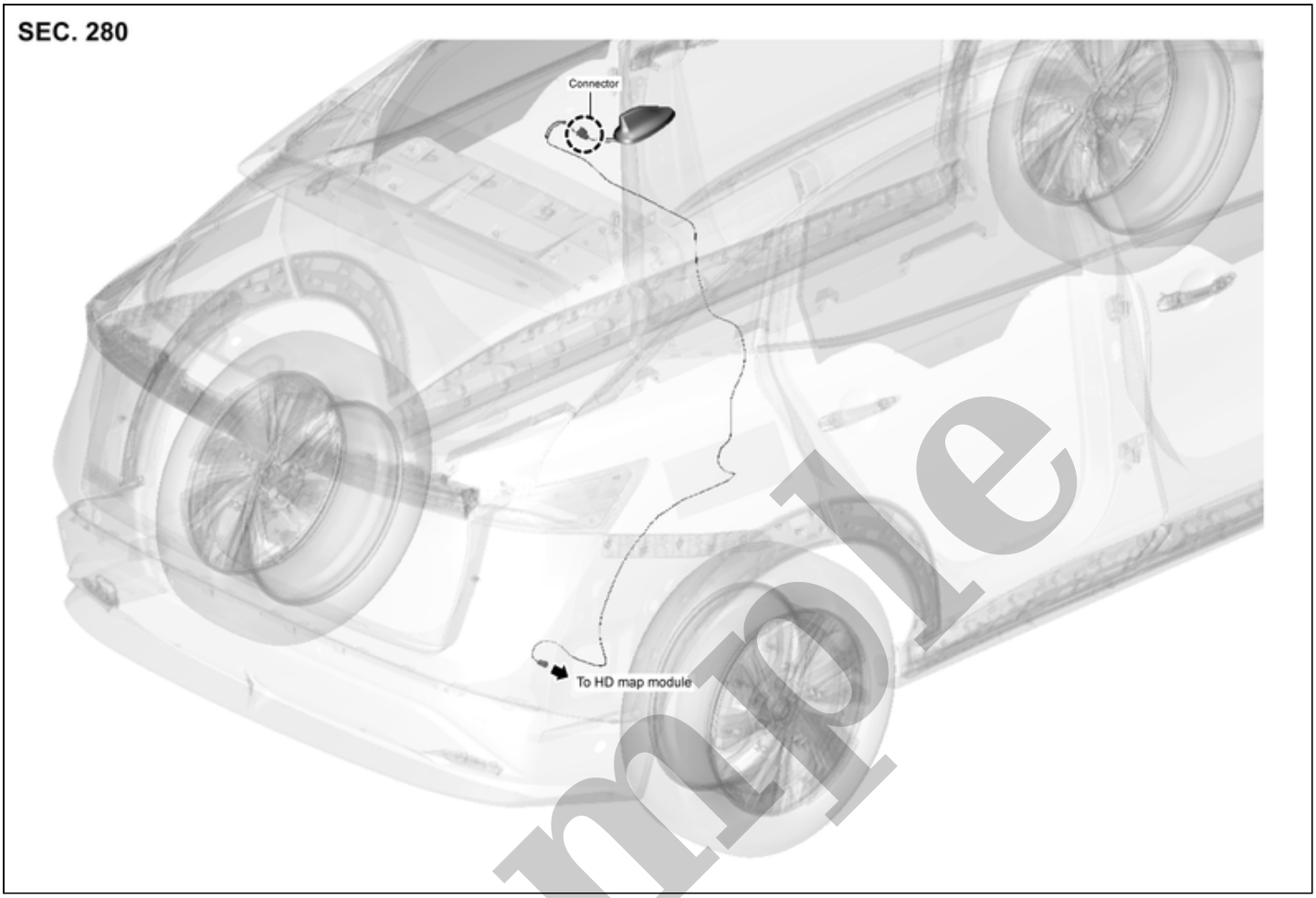
FEEDER LAYOUT



RPR-001932383-02-000389926

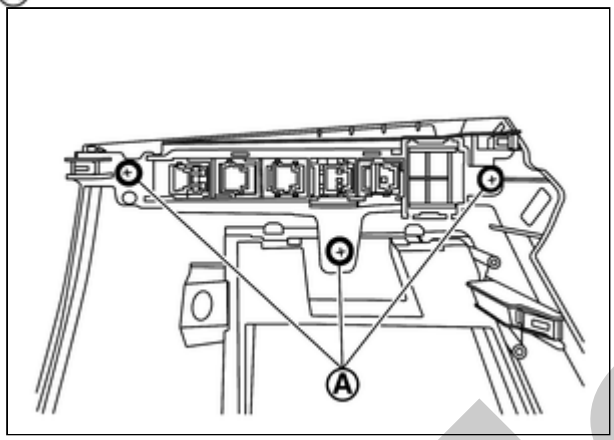
STEERING ASSIST SWITCH : Removal & Installation

RPR-001932303

REMOVAL

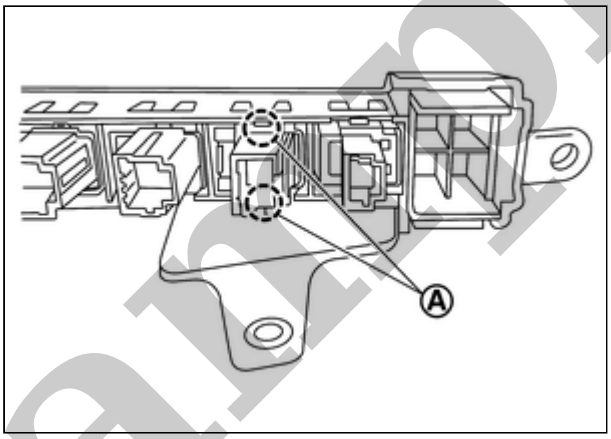
1 Remove instrument lower cover LH.Refer to Removal & Installation.

2 Remove switch panel fixing screws Ⓐ.



RPR-001932303-05-000389915

3 Remove the switch panel Ⓐ.



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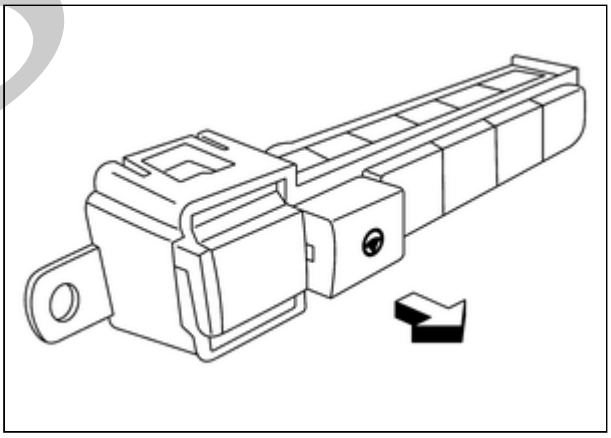
4 Push the steering assist switch in the direction of the arrow and remove it.



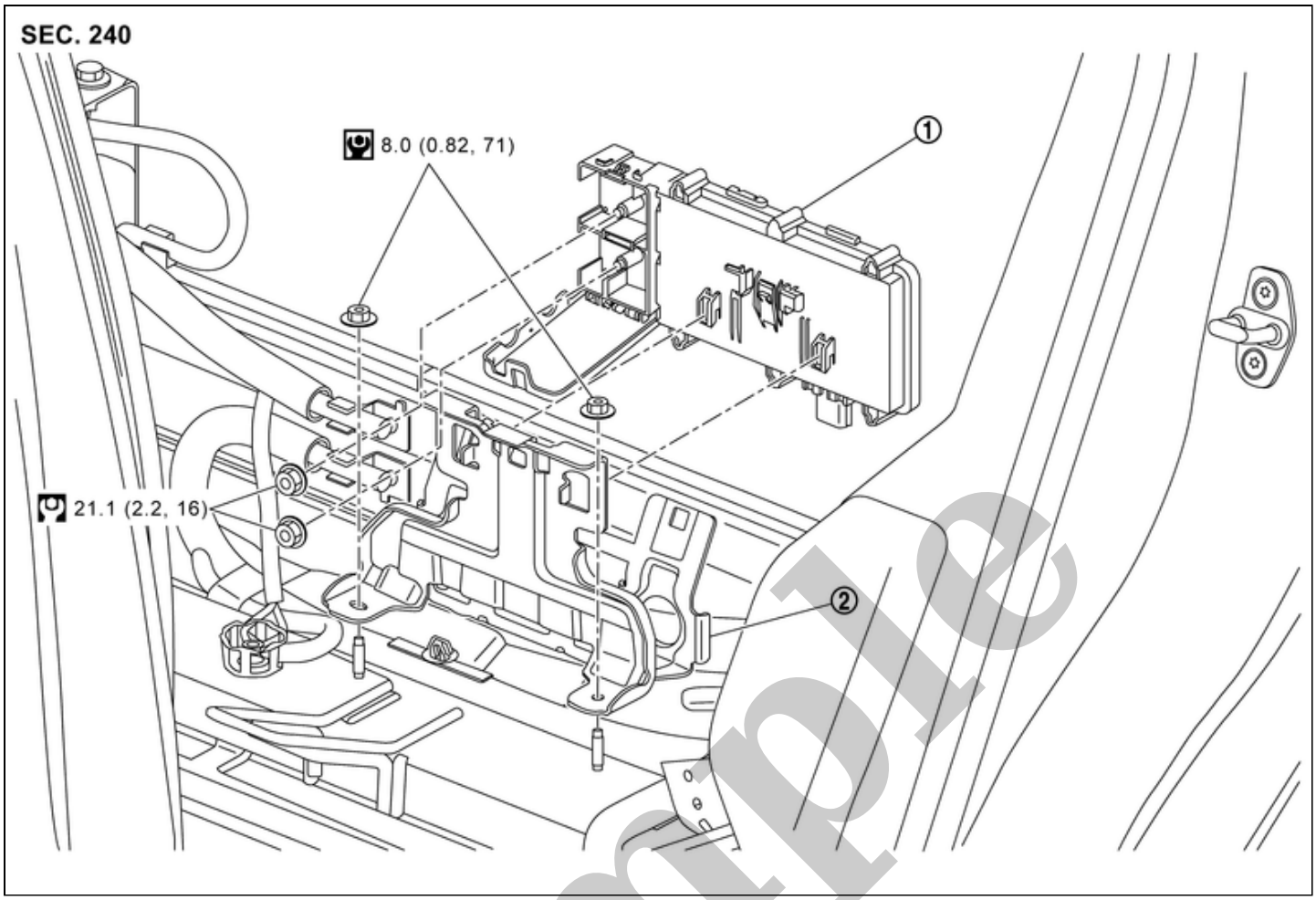
RPR-001932303-03-000389917

INSTALLATION

Installation is in the reverse order of removal.

Exploded View

RDE-001932400



RDE-001932400-01-000365122

①	Power network separate relay	②	Power network separate relay bracket		
	: N·m (kg-m, ft-lb)				
	: N·m (kg-m, in-lb)				

RPR-001932399

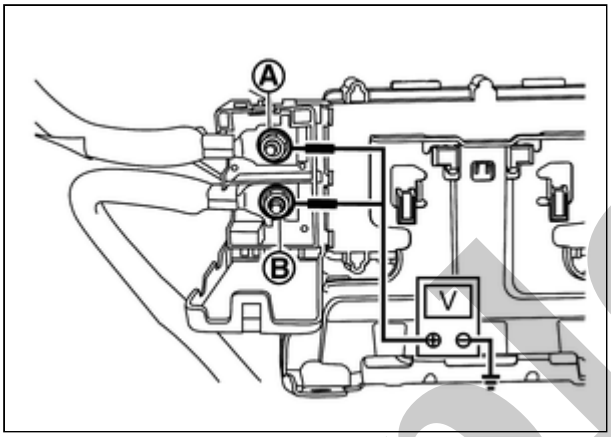
REMOVAL

1 Disconnect the 12V battery cable from the negative terminal.

2 Disconnect 12V sub battery (lithium ion battery) cable from the negative terminal.

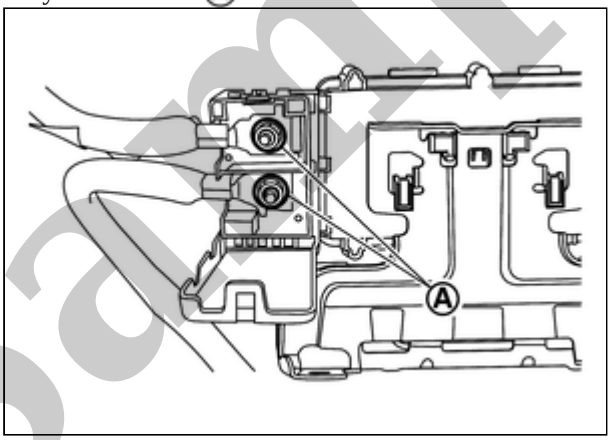
3 Remove the rear seat cushion assembly. Refer to Removal and Installation.

4 Check that there is no voltage (Approx. 0 V) between power network separate relay terminal Ⓐ and ground and power network separate relay terminal Ⓑ and ground.



RPR-001932399-06-000389927

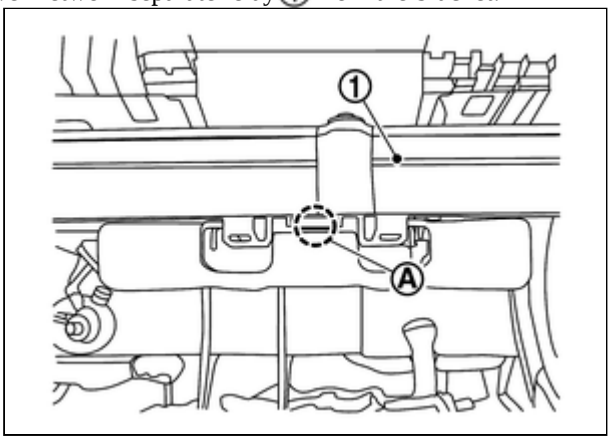
5 Remove the power network separate relay terminal nuts Ⓐ



RPR-001932399-05-000365124

CAUTION:
Protect each terminal with insulated tape so that each terminal of the power network separate relay does not come into contact with each other.

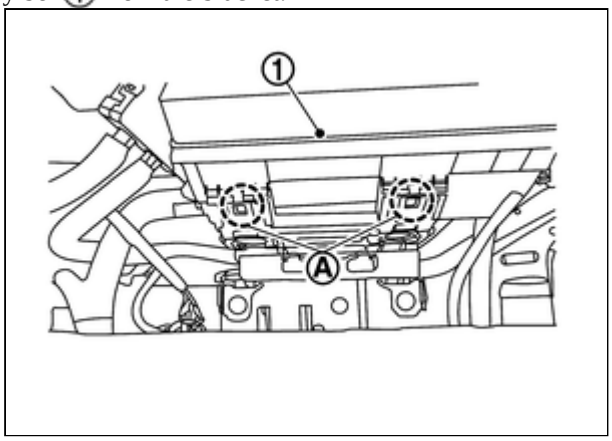
6 Push the lock Ⓐ and remove the power network separate relay ① from the bracket.



RPR-001932399-01-000373329

7 Disconnect power network separate relay connector.

8 Push the lock Ⓐ and remove the relay box ① from the bracket.



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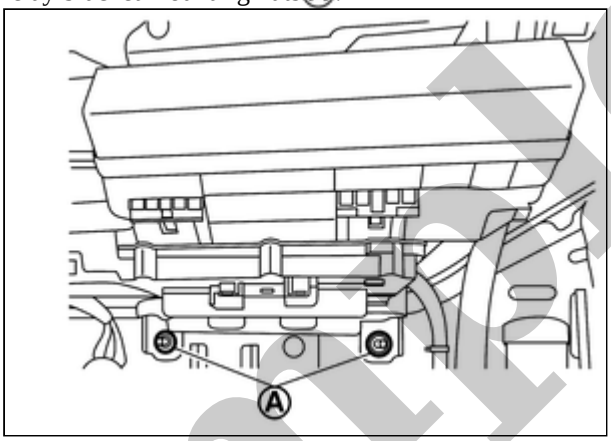
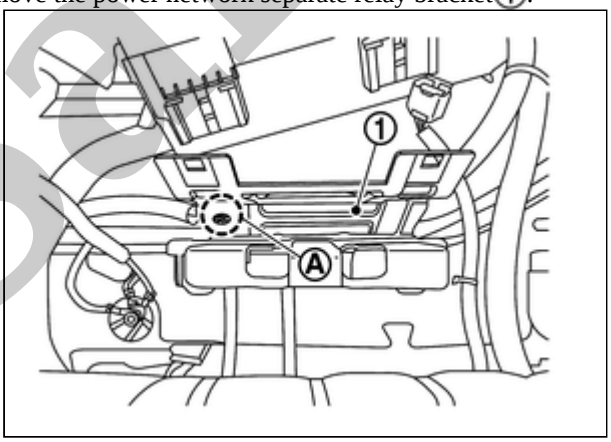
9 Remove the power network separate relay bracket mounting nuts Ⓐ.



RPR-001932399-03-000365123

10 Remove the harness clip Ⓐ and remove the power network separate relay bracket ①.



RPR-001932399-04-000373331

INSTALLATION

Installation is in the reverse order of removal.

Exploded View

RDE-001899083

ProPILOT Assist 2.0 steering switch is integrated in the steering switch. Refer to STEERING WHEEL : Removal & Installation.

NOTE:
Always remove ProPILOT Assist 2.0 steering switch together with steering wheel.

SIEMD-7254853

Values On The Diagnosis Tool

NOTE:
The following table includes information (items) inapplicable to this vehicle. For information (items) applicable to this vehicle, refer to CONSULT display items.

Monitor item	Condition		Value/Status
Mileage	Power SW ON		Almost the same value as odometer
Vehicle Speed	Driving		Almost the same value as speedometer
Shift position	Power SW ON		Displays shift position
Ignition	Power SW OFF		OFF
	Power SW ACC		ACC
	Power SW ON		IGN
	While checking status of Power SW ON		Under checking
G sensor initial learn value (X)	Power SW ON		(–0.1005)-(0.0847)G
G sensor initial learn value (Y)	Power SW ON		(–0.1005)-(0.0847)G
G sensor initial learn value (Z)	Power SW ON		(–0.9003)-(1.0996)G
IMU sensor temperature	Power SW ON		(–40.0)-(85.0)℃
Gyro current value X	Power SW ON		(–124.8780)-(124.8742)deg/s
Gyro current value Y	Power SW ON		(–124.8780)-(124.8742)deg/s
Gyro current value Z	Power SW ON		(–124.8780)-(124.8742)deg/s
Gyro offset learning value (X)	Power SW ON		(–124.8780)-(124.8742)deg/s
Gyro offset learning value (Y)	Power SW ON		(–124.8780)-(124.8742)deg/s
Gyro offset learning value (Z)	Power SW ON		(–124.8780)-(124.8742)deg/s
Gyro sensitv corret learn value	Power SW ON		0.0000 - 2.0000
G sensor pitch correct value	Power SW ON		(–50.0000)-(50.0000)%
GPS positioning status	Power SW ON with radio wave	GPS signal cannot be received	Non-positioning
		When information is received from three satellites and the position can be measured on a plane	2D positioning
		When information is received from four or more satellites and accurate self-position measurement is possible	3D positioning
		When the number of satellites is small or when only UTC (Universal Coordinated Time) can be confirmed due to	Time

Monitor item	Condition		Value/Status
		information block	
GPS position info (Latitude)	Power SW ON with radio wave		(–90.0000)-(90.0000)
GPS position info (Longitude)	Power SW ON with radio wave		(–180.0000)-(180.0000)
GPS position info (Ellipsoid)	Power SW ON with radio wave		(–8000.000)-(8000.000)mm
GPS position info (Geoid)	Power SW ON with radio wave		(–8000.000)-(8000.000)mm
GPS speed info (Vhicle speed)	Power SW ON with radio wave		0.0000 - 100000.0000 mm/s
GPS azimuth info	Power SW ON with radio wave		0.0000 - 2.0000 deg
Vehicle speed correction value	Power SW ON		0.0000 - 2.0000
Map ver. (Full) year	**NOTE:** **The item is displayed, but it is not used**		—
Map ver. (Full) month	**NOTE:** **The item is displayed, but it is not used**		—
Map ver. (Full) status	Power SW ON	When the map data is the initial data	I
		When the map data is updated	D
Map ver. (Full) number	Power SW ON		0 - 255
Map ver. (Partial) year	Power SW ON		Displays what year the map data in use made
Map ver. (Partial) month	Power SW ON		Displays what month the map data in use made
Map ver. (Partial) day	Power SW ON		Displays what day the map data in use made
Map ver. (Partial) hour	Power SW ON		Displays what hour the map data in use made
Map ver. (Partial) minutes	Power SW ON		Displays what minute the map data in use made
Power supply voltage	Power SW ON		7 - 16 V
Map update progress (USB)	**NOTE:** **The item is displayed, but it is not used**		—
Map update license	Power SW ON	When the customer has a HD map license (not expired) and radio wave is available	Valid
		Except the above	Not valid
license expiration date	Power SW ON		1 - 31

Monitor item	Condition	Value/Status
License expiration month	Power SW ON	1 - 12
USB connection status	**NOTE:** **The item is displayed, but it is not used**	—
Map update status (Data type)	**NOTE:** **The item is displayed, but it is not used**	—
G sensor learning value X	Power SW ON	(–2.0000)-(2.0000)G
G sensor learning value Y	Power SW ON	(–2.0000)-(2.0000)G
G sensor learning value Z	Power SW ON	(–2.0000)-(2.0000)G
Gyro offset initial learn value X	Power SW ON	(–124.9980)-(124.9942)deg/s
Gyro offset initial learn value Y	Power SW ON	(–124.9980)-(124.9942)deg/s
Gyro offset initial learn value Z	Power SW ON	(–124.9980)-(124.9942)deg/s
ECU instll ang lrn ltst val Roll	Power SW ON	(–180.0)-(180.0)deg
ECU instll ang lrn ltst val Pitch	Power SW ON	(–180.0)-(180.0)deg
Intrnl area 1 prog update cntr	Power SW ON	0.0000 - 4294967295 [count]
Intrnl area 2 prog update cntr	Power SW ON	0.0000 - 4294967295 [count]
Intrnl area 3 prog update cntr	Power SW ON	0.0000 - 4294967295 [count]