

# Your Ultimate Source for OEM Repair Manuals

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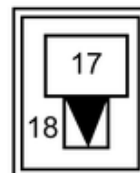
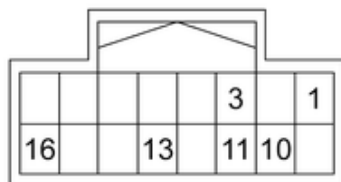
## 2018 Nissan GT-R Service and Repair Manual

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Monitor item	Condition		Value/Status
Intrnl area 4 prog update cntr	Power SW ON		0.0000 - 4294967295 [count]
ECU instll angle learn val Roll	Power SW ON		(-180.0)-(180.0)deg
ECU instll angle learn val Pitch	Power SW ON		(-180.0)-(180.0)deg
Intrnl area 5 prog update cntr	Power SW ON		0.0000 - 4294967295 [count]
FOTA status	Power SW ON	When waiting	Waiting
		When receiving software	Receiving
		When copying software	Copying
		When checking vehicle condition	Checking vehicle condition
		When preparing communication	Preparing to start
		When switching software	Switching
		When restarting HD map module	Restarting
		When checking the received software version	Checking version
		When updating software	Under configuration
		When software update is completed	Operation end
		When an error is detected other than during software update	Error 1
		When cancelling software update	Cancelling
		When an error is detected during software update	Error 2
		When repairing an error	Repairing
When error repair is complete	Repair end		
FOTA cancel counter	Power SW ON		0 - 255

## Terminal Layout

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SIEMD-7254853-01-000361274

## Physical Values

Terminal No. (Wire color)		Description		Condition	Value (Approx.)
+	-	Signal name	Input/Output		
1 (B)	Ground	Ground	—	Power SW ON	0 V
3 (R)	1 (B)	Power switch ON power supply	Input	Power SW ON	Battery voltage
13 (Y)	1 (B)	Battery power supply	—	Power SW ON	Battery voltage
16 (B)	Ground	Ground	—	Power SW ON	0 V
17 (L)	—	GNSS antenna signal	—	—	—
18 (SHIELD)	—	Shield	—	—	—
28 (Y)	—	Ethernet(+)	—	—	—
29 (G)	—	Ethernet(-)	—	—	—
31 (SHIELD)	—	Shield	—	—	—
33 (Y)	—	Ethernet(+)	—	—	—
34 (G)	—	Ethernet(-)	—	—	—

Terminal No. (Wire color)		Description		Condition	Value (Approx.)
+	-	Signal name	Input/Output		
36 (SHIELD)		Shield	—	—	—
38 (Y)		Ethernet(+)	—	—	—
39 (G)		Ethernet(-)	—	—	—
41 (SHIELD)		Shield	—	—	—

Sample

# Fail-safe

Refer to [Fail-safe \(HD Map Module\)](#).

Sample

# DTC Inspection Priority Chart

SIEMD-7254855

If multiple DTCs are detected simultaneously, check them one by one depending on the following DTC inspection priority chart.

Priority	Detected items (DTC)
1	<ul style="list-style-type: none"><li>• B14AD-54: G sensor calibration incomplete</li><li>• B14B0-56: VIN data mismatch</li></ul>
2	<ul style="list-style-type: none"><li>• B14A0-45: CONTROL MODULE</li><li>• B14A0-49: CONTROL MODULE</li><li>• B14A0-4B: CONTROL MODULE</li><li>• B14A1-A2: POWER SUPPLY VOLT</li><li>• B14A1-A3: POWER SUPPLY VOLT</li><li>• B14A3-19: USB memory data</li><li>• B14A4-11: GPS ANTENNA</li><li>• B14A4-13: GPS ANTENNA</li><li>• B14A5-45: HD map data error 1</li><li>• U1C93-86: GPS communication error</li><li>• U1C93-87: GPS communication error</li><li>• U1C96-82: Ethernet communication error</li><li>• U1C96-87: Ethernet communication error</li><li>• U1C97-82: Ethernet communication error</li><li>• U1C97-83: Ethernet communication error</li><li>• U1C98-82: Ethernet communication error</li><li>• U1C98-87: Ethernet communication error</li><li>• U27A9-88: Ethernet communication error</li><li>• U28A9-88: Ethernet communication error</li><li>• U29A9-88: Ethernet communication error</li></ul>

DTC		CONSULT display	Fail-safe				Reference
			Lane keeping function *	Lane change support function	Overtaking support function	Route travelling support function	
B14A0	45	CONTROL MODULE	x	x	x	x	Refer to <a href="#">DTC Description</a> .
	49		x	x	x	x	Refer to <a href="#">DTC Description</a> .
	4B		x	x	x	x	Refer to <a href="#">DTC Description</a> .
B14A1	A2	POWER SUPPLY VOLT	x	x	x	x	Refer to <a href="#">DTC Description</a> .
	A3		x	x	x	x	Refer to <a href="#">DTC Description</a> .
B14A3	19	USB memory data	-	-	-	-	Refer to <a href="#">DTC Description</a> .
B14A4	11	GPS ANTENNA	x	x	x	x	Refer to <a href="#">DTC Description</a> .
	13		x	x	x	x	Refer to <a href="#">DTC Description</a> .
B14A5	45	HD map data error 1	x	x	x	x	Refer to <a href="#">DTC Description</a> .
B14AD	54	G sensor calibration incomplete	-	-	-	-	Refer to <a href="#">DTC Description</a> .
B14B0	56	VIN data mismatch	x	x	x	x	Refer to <a href="#">DTC Description</a> .
U1C93	86	GPS communication error	x	x	x	x	Refer to <a href="#">DTC Description</a> .
	87		x	x	x	x	Refer to <a href="#">DTC Description</a> .
U1C96	82	Ethernet communication error	-	-	-	-	Refer to <a href="#">DTC Description</a> .
	87		-	-	-	-	Refer to <a href="#">DTC Description</a> .
U1C97	82		x	x	x	x	Refer to <a href="#">DTC Description</a> .
	83		x	x	x	x	Refer to <a href="#">DTC Description</a> .
U1C98	82		x	x	x	x	Refer to <a href="#">DTC Description</a> .
	87		x	x	x	x	Refer to <a href="#">DTC Description</a> .
U27A9	88		x	x	x	x	Refer to <a href="#">DTC Description</a> .

DTC		CONSULT display	Fail-safe				Reference
			Lane keeping function *	Lane change support function	Overtaking support function	Route travelling support function	
U28A9	88		x	x	x	x	Refer to <a href="#">DTC Description</a> .
U29A9	88		x	x	x	x	Refer to <a href="#">DTC Description</a> .

\*: ProPILOT Assist 2.0 display is blue

Sample



# List of ECU Reference

SIEMD-7109090

ECU	Reference
Distance sensor	<a href="#">Reference Value</a>
	<a href="#">Fail-safe (Distance Sensor)</a>
	<a href="#">DTC Inspection Priority Chart</a>
	<a href="#">DTC Index</a>

Sample

# List of ECU Reference

SIEMD-7109079

ECU	Reference
Front camera unit	<a href="#">Reference Value</a>
	<a href="#">Fail-safe (Front Camera Unit)</a>
	<a href="#">DTC Inspection Priority Chart</a>
	<a href="#">DTC Index</a>

Sample