

Part 1/OBD

Revision List

Test Group: TNSXT01.5E3K

Revision Date	Revision Page (*: New page)	Description of Revision
05/25/26	None	

Application For Certification
Part1
Individual application for 2026 Model Year

Durability Group	TNSXGPGNNAAM
Evaporative / Refueling Families	TNSXR0128PDA (LDT1) TNSXR0128PEA (LDT2)
Test Group	TNSXT01.5E3K
Durability Group Description	Four Stroke, Otto Cycle, Gasoline Fueled, DFI Three Way Catalyst
Test Group Description	1.5 Liter L3 Federal LDT1 / California LDT1 Federal LDT2 / California LDT2
Exhaust Emission Standard	Federal Tier 3 Bin 50 (Tier 3 Compliant, 150K UL) (LDT1) / California LEV-IV ULEV50 (LDT1) Federal Tier 3 Bin 50 (Tier 3 Compliant) (LDT2) / California LEV-IV ULEV50 (LDT2)
Evaporative Emission Standard	Federal Tier 3 Evap / California LEV-IV Zero Evap (Option 2)
Vehicles Covered	NISSAN ROGUE AWD (50 States) NISSAN ROGUE FWD (50 States) NISSAN ROGUE AWD ROCK CREEK (50 States)
Vehicles Run	CTBQ82-00 (FTP-E10 TN: TNSX10093083) CTBQ82-00 (HWFE-E10 TN: TNSX10093079) CTBQ82-00 (Cold CO-E10 TN: TNSX10093085) CTBQ82-00 (US06-E10 TN: TNSX10093084) CTBQ82-00 (SC03-E10 TN: TNSX10093082) CTBQ82-00 (50F-E10 TN: TNSX10093076) CTB527-00 (Evap 3day-E10 TN: MNSX10067326) CTB527-00 (Evap 2day-E10 TN: MNSX10067315) CTB527-01 (ORVR-E10 TN: MNSX10067313) CTB527-00 (Running Loss-E10 TN: MNSX10067325)
Issue Date	February 24, 2026
Response Requested By	April 21, 2026
For Questions, Contact	Ryuichi Haya Telephone No. 248-488-4654

NISSAN MOTOR CO., LTD.

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Part1
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	(9) Information for § 1962.4. ZEV Requirements	This model is not applied.	

SEC5

5. Test Group Description

Test Group Name	Engine Disp. (L)	Arrangement and No. of Cylinder	Vehicle Class	Emission St'd Class	Applicable Emission St'd
TNSXT01.5E3K	1.5	Inline	/ 3 Federal LDT1 / California LDT1 Federal LDT2 / California LDT2	Federal Tier 3 Bin 50 (Tier 3 Compliant, 150K UL) (LDT1) / California LEV-IV ULEV50 (LDT1) Federal Tier 3 Bin 50 (Tier 3 Compliant) (LDT2) / California LEV-IV ULEV50 (LDT2)	Refer to SEC6

Emission Compliance Statement

Based on Nissan's good engineering judgment, all the vehicles described in this application for Certification comply with all applicable intermediate and full useful life standards.

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SEC6

6. Test Vehicle Description

Applicable Emission STD. for EPA Tier 3 Bin 50 (LDT1 & LDT2)

<FTP/HWY>			<FTP>					
Mileage	NMOG+NOx (gpm) Low Altitude	NMOG+NOx (gpm) High Altitude	Mileage	CO (gpm)	HCHO (gpm)	PM (gpm)	CH4 (gpm)	N2O (gpm)
150K	0.050	0.070	120K	N.A.	N.A.	N.A.	0.030	0.010
			150K	1.7	0.004	0.003	N.A.	N.A.

<Cold FTP>			<SFTP>			
Mileage	CO (gpm)	NMHC FEL (gpm)	Mileage	COMP NMOG+NOx (gpm)	COMP CO (gpm)	US06 PM (gpm)
50K	10.0	N.A.	150K	0.080	4.2	0.006
120K	N.A.	0.3				

<EVAP (Tier3)>				Canister			Leak Diameter
Mileage	D+HS (g/test) Low Altitude	D+HS (g/test) High Altitude	R/L (gpm)	Bleed (gpm)	ORVR (g/gal)	(inch)	
150K	0.300 (LDT1)	0.65 (LDT1)	0.05	0.020	0.20	0.02	
	0.400 (LDT2)	0.85 (LDT2)					

Applicable Emission STD. for ARB LEV-IV ULEV50 (LDT1 & LDT2)

<FTP/HWY>				<FTP>				<Cold FTP>		
Mileage	NMOG+NOx (gpm)	Mileage	CO (gpm)	HCHO (gpm)	PM (gpm)	CH4 (gpm)	N2O (gpm)	Mileage	CO (gpm)	
150K	0.050	150K	1.7	0.004	0.001 (0.002 *1)	0.030	0.010	50K	10.0	

<50 deg F>				<US06>				<SC03>		
Mileage	NMOG+NOx (gpm)	CO (gpm)	HCHO (gpm)	Mileage	NMOG+NOx (gpm)	CO (gpm)	PM (gpm)	Mileage	NMOG+NOx (gpm)	CO (gpm)
4K	0.100	1.7	0.016	150K	0.050 (0.060*2)	9.6	0.006	150K	0.050	1.7

<Quick drive-away>		<Partial Soak>		
Mileage	NMOG+NOx (gpm)	Mileage	NMOG+NOx (gpm)	
150K	N.A.	150K	10-minute	N.A.
			40-minute	N.A.
			3 to 12 hour	N.A.

<EVAP (LEV-IV (Option 2)) *3>						<I/M>		
Mileage	Highest Whole Vehicle D+HS (g/test)	R/L (gpm)	Canister Bleed (gpm)	ORVR (g/gal)	Leak Diameter (inch)	Mileage	HC (Idle/2500) (ppm)	CO (Idle/2500) (%)
150K	0.300 (LDT1)	0.05	0.020	0.20	0.02	4K	100/170	1.0/1.0
	0.400 (LDT2)							

*1 Nissan selects In-Use Compliance Standard (FTP PM (d)(2)(A)3 in Sec1961.4)

*2 Nissan selects Interim In-Use Compliance Standard (US06 NMOG+NOx (d)(3)(A)5a in Sec1961.4)

*3 Nissan selects Fleet-Average (b)(1)(G)1.b in Sec1976)

For other information, refer to the Vehicle Information (VI) submitted to EV-CIS for the complete vehicle description

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SEC7

7. Test Results

Test Number	Mode	Sales Area	Official Test (marked by X)	Certification Level
TNSX10093083	Fed Fuel 3day Exh-E10	50 states	X	Refer to the Certification Summary Information Report
TNSX10093079	HWFE-E10	50 states	X	
TNSX10093085	Cold CO-E10	50 states	X	
TNSX10093084	US06-E10	50 states	X	
TNSX10093082	SC03-E10	50 states	X	
TNSX10093076	50F-E10	50 states	X	
MNSX10067326	CA Fuel 3day Evap-E10	50 states	X	
MNSX10067315	CA fuel 2day Evap-E10	50 states	X	
MNSX10067313	Fed fuel refuel (ORVR)-E10	50 states	X	
MNSX10067325	Running Loss-E10	50 states	X	

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Certification Summary Information Report

Manufacturer	Nissan Motor Co., Ltd.	Manufacturer Code	NSX
Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	03/06/2026 03:36:54 AM
Model Year	2026		

Test Group Information

CSI Type	Update for Correction	Running Change Reference Number	--
GHG Exempt Status	Not Exempt		

Drive Sources and Fuel(s)

Drive Source #1: Combustion Engine

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Gasoline	Spark Ignition Direct fuel injection	No

Hybrid Indicator	No	Rechargeable Energy Storage System Indicator	--
Multiple Fuel Storage	--	Off-board Charge Capable Indicator	--
Multiple Fuel Combustion	--	EPA Vehicle Class	LDT1, LDT2
Fuel Cell Indicator	--	Federal Clean Fuel Vehicle Standard	--
Federal Clean Fuel Vehicle	No	California Partial Zero Emissions Vehicle Indicator	No
Federal Clean Fuel Vehicle ILEV	No	Durability Group Equivalency Factor	1.8
Durability Group Name	TNSXGPGNNAAM	Certification Region Code(s)	FA, CA
Reduced Fee Test Group	No	CAP2000 Conditional Certificate?	N/A
Complies with HD GHG 2b/3 regulations?	No	Alternative Fuel Converter Certificate?	--
Introduction into Commerce Date	06/03/2026	SFTP Tier 2 Composite CO Option	No
Independent Commercial Importer?	--		
SFTP Federal Composite Compliance Identifier	Tier 3		
SFTP LEV-III Composite Compliance Indicator	Yes		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	TNSXJ02.0JMF
Test Group OBD Compliance Level	Partial - with deficiencies	Number of Test Group OBD Deficiencies	1
OBD Deficiencies Comments	The OBD approval letter(E-26-046). Deficiency: Lack of MIL Illumination for Some Safety-related Components. Other OBD Demonstration Vehicle Test Group(s) : TNSXT03.8GRM.		
Mfr Test Group Comments	Nissan conducted FTP, HWY, US06, and SC03 using Tier3 E10 gasoline and Cold using Cold E10 gasoline for Litmus. Litmus result(Value / Threshold) City: 24.6 / 23.8 HWY: 27.0 / 25.9 Test No: TNSX10093083(FTP), TNSX10093079(HWY), TNSX10093084(US06), TNSX10093082(SC03), TNSX10093085(Cold)		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA				
Evaporative/Refueling Family Information							
Evaporative Summary Information Type	New	Submission/Correction Date	02/26/2025 03:44:59 AM				
Integrated ORVR?	Yes	Fuel(s)	Gasoline				
Multiple Fuel Storage	--						
Bladder Fuel Tank?	No						
Fuel Tank Material	Plastic	Fuel Tank Material Description	Plastic				
Fill Pipe Seal Type	Liquid seal						
Air Intake System Vapor Storage Device?	No	Air Intake System Vapor Storage Device Description	--				
Fuel System Vapor Storage Canister?	Yes	Other Vapor Storage	--				
Fuel System Vapor Storage Canister(s) Total Working Capacity (grams)	128	Number of Primary Canisters	1				
Number of Bleed Canisters	0	Bleed Canister Total Working Capacity (grams)	0				
Mfr Evaporative/Refueling Family Comments	--						
Leak Family Details							
Leak Family Indicator	Yes						
Canister Bleed Test Indicator	Yes	Applicability of Evaporative Canister Bleed Test	50 State				
Evaporative Canister Bleed Test Comments	--						
CARB Fuel Only (Rig) Test Indicator	No	Applicability of CARB Fuel Only (Rig) Test	--				
CARB Fuel Only (Rig) Test Comments	--						
Leak Family Name	Applicability of Leak Family Requirements	Leak Family Standard (inches)	Leak Family Description				
TNSXR0128PDA-001	50 State	0.02	Based on our engineering evaluation, this vehicle comply with the leak standard				
Models Covered by this Certificate							
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Nissan Motor Co., Ltd.	1 - NISSAN	101 - ROGUE FWD	California + CAA Section 177 states	2-Wheel Drive, Front	Selectable Continuously Variable (e.g. CVT with paddles)	8	Yes
Nissan Motor Co., Ltd.	1 - NISSAN	101 - ROGUE FWD	Federal	2-Wheel Drive, Front	Selectable Continuously Variable (e.g. CVT with paddles)	8	Yes
Engine Description							
Hybrid Type	--	Hybrid Description	--				
Engine Type	4-Stroke Spark Ignition	Mfr Engine Description	--				
Engine Block Arrangement	Inline	Mfr Engine Block Arrangement Description	--				
Camless Valvetrain Indicator	No	Oil Viscosity/Classification	SAE 0W-20				
Number of Cylinders/Rotors	3	Mechanically Variable Compression Ratio Indicator	Y				

Certification Summary Information Report

Test Group	TNSXT01.5E3K				Evaporative/Refueling Family	TNSXR0128PDA					
After Treatment Device(s) (ATD)											
ATD Number	ATD Type	ATD Precious Metal			Substrate Material		Substrate Construction				
1	Three-way catalyst	Platinum + Rhodium			Ceramic		Monolith				
2	Three-way catalyst	Palladium + Rhodium			Ceramic		Monolith				
Mfr After Treatment Device (ATD) Comments											
--											
Direct Ozone Reduction (DOR) Device											
Not Equipped											
Mfr Emission Control Device Comments											
--											
Engine Configuration Number 1											
Engine Displacement (liters)											
1.5											
Engine Rated Horsepower											
201											
Number of Inlet Valves Per Cylinder											
2											
Number of Exhaust Valves Per Cylinder											
2											
Air Aspiration Method											
Turbocharged											
Number of Air Aspiration Devices											
1											
Air Aspiration Device Configuration											
Single											
Charge Air Cooler Type											
Liquid											
Air Aspiration Drive Method(s)											
Hydraulic											
Cylinder Deactivation											
No											
Cylinder Deactivation Description											
--											
Variable Valve Timing											
Yes											
Variable Valve Timing System Description											
EXH; ECM controlled, Oil pressure driven INT; ECM controlled, Motor driven											
Variable Valve Lift?											
No											
Variable Valve Lift System Description											
--											
Number of Knock Sensors											
1											
Number of Air/Fuel Sensors											
2											
Air/Fuel Sensor # 1 Type											
Air fuel											
Air/Fuel Sensor # 1 Description											
--											
Air/Fuel Sensor # 2 Type											
Heated oxygen											
Air/Fuel Sensor # 2 Description											
--											
Mfr Air/Fuel Sensor Comments											
--											
Exhaust Gas Recirculation											
Yes											
Cooled Exhaust Gas Recirculation											
Yes											
EGR Type											
Electronic/Electric											
Exhaust Gas Recirculation Description if 'Other'											
--											
Closed Loop Air Injection System											
No											
Air Injection Type											
--											
Air Injection Type if 'Other'											
--											
Mfr Engine Configuration Comments											
--											
Official Test Numbers											
Test Group	Fuel	FTP	US06	SC03	Cold CO	Highway	EPA City Litmus Value	EPA City Litmus Threshold	EPA Highway Litmus Value	EPA Highway Litmus Threshold	CREE Weighting Factor
Gasoline	TNSX10093083	TNSX10093084	TNSX10093084	TNSX10093082	TNSX10093085	TNSX10093079	24.6	23.9	27.1	26.0	--

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
SFTP LEV-III Official Test Numbers			
Test Group Fuel	FTP	US06	SC03
Gasoline	TNSX10093083	TNSX10093084	TNSX10093082

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA						
Emission Data Vehicle Information									
Vehicle ID / Configuration	CTB527 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	MNSXT01.5A3A	Original Evaporative/Refueling Family	MNSXR0128PEA						
Original Test Vehicle Model Year	2021								
Vehicle Model									
Represented Test Vehicle Make	NISSAN	Represented Test Vehicle Model	ROGUE AWD SL/PLATINUM SL						
Leak Family Details									
Leak Family Identifier	001	Leak Family Name	MNSXR0128PEA-001						
Drive Sources and Fuel System Details									
	<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Combustion Engine</td> <td>Gasoline</td> </tr> </tbody> </table>			Drive Source and Fuel#	Drive Source	Fuel	1	Combustion Engine	Gasoline
Drive Source and Fuel#	Drive Source	Fuel							
1	Combustion Engine	Gasoline							
Hybrid Indicator	No								
Multiple Fuel Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	--	Rechargeable Energy Storage System Indicator	--						
Rechargeable Energy Storage System	--	Rechargeable Energy Storage System, if 'Other'	--						
Off-board charge Capable Indicator	--								
Odometer Correction -- Initial	0	Odometer Correction Factor	1.02						
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor								
Odometer Correction Units	Miles								
Engine Code	AR15DAC1	Rated Horsepower	201						
Displacement (liters)	1.5								
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	1	Air Aspiration Device Configuration	Single						
Charge Air Cooler Type	Air	Drive Mode While Testing	2-Wheel Drive, Front						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	3707	Equivalent Test Weight (pounds)	4000						
GVWR (lbs)	4685	N/V Ratio	24.6						
Axle Ratio	5.68								
Transmission Type	Selectable Continuously Variable (e.g. CVT with paddles)	# of Transmission Gears	1						
Transmission Lockup	Yes	Creep Gear	No						

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
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Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	39.84	-0.4054	0.03085	16.07	-0.3332	0.02884	12.9
Cold CO	44.27	-0.4504	0.03428	18.28	-0.4274	0.03428	N/A
US06	39.84	-0.4054	0.03085	16.07	-0.3332	0.02884	N/A

Emission Control Device Comments --
Manufacturer Test Vehicle Comments Sport mode

Test #	MNSX10067315	Test Procedure	27 - California fuel 2-day evap
Exhaust Test # for this Evap Test	MNSX10067314	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	09/17/2020	Fuel	Gasoline
Fuel Batch ID	WE0A04	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4476	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.245	--

Manufacturer Test Comments --

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.2450	0.0000	0.245	0.300	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.2450	0.0000	0.245	0.300	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Test #	MNSX10067326	Test Procedure	38 - CA fuel 3-day evap.
Exhaust Test # for this Evap Test	MNSX10067324	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	10/09/2020	Fuel	Gasoline
Fuel Batch ID	WG0A06	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4962	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.16	--

Manufacturer Test Comments --

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.1600	0.0000	0.160	0.300	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.1600	0.0000	0.160	0.300	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Test #	MNSX10067355	Test Procedure	65 - Evap Canister Bleed Test
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	06/04/2020	Fuel	Gasoline
Fuel Batch ID	WH9-12	Fuel Calibration Number	9999
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	9999	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0057	--

Manufacturer Test Comments

Vehicle ID, Vehicle Configuration Number and Drive Cycle Speed Tolerance Criteria are EDV information. Test Start Odometer Reading is entered for a dummy.

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.0057	0.0000	0.006	0.020	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.0057	0.0000	0.006	0.020	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
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Emission Data Vehicle Information

Vehicle ID / Configuration	CTB527 / 1	Manufacturer Vehicle Configuration Number	1
Original Test Group Name	MNSXT01.5A3A	Original Evaporative/Refueling Family	MNSXR0128PEA
Original Test Vehicle Model Year	2021		
Vehicle Model			
Represented Test Vehicle Make	NISSAN	Represented Test Vehicle Model	ROGUE AWD SL/PLATINUM SL

Leak Family Details

Leak Family Identifier	001	Leak Family Name	MNSXR0128PEA-001
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Drive Sources and Fuel System Details

Drive Source and Fuel#	Drive Source	Fuel
1	Combustion Engine	Gasoline

Hybrid Indicator	No	Multiple Fuel Combustion	--
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	--
Fuel Cell Indicator	--	Rechargeable Energy Storage System, if 'Other'	--
Rechargeable Energy Storage System	--		
Off-board charge Capable Indicator	--		
Odometer Correction -- Initial	0	Odometer Correction Factor	1.02
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor		
Odometer Correction Units	Miles		
Engine Code	AR15DAC1	Rated Horsepower	201
Displacement (liters)	1.5		
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'	
Number of Air Aspiration Devices	1	Air Aspiration Device Configuration	Single
Charge Air Cooler Type	Air	Drive Mode While Testing	2-Wheel Drive, Front
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)
Curb Weight (lbs)	3707	Equivalent Test Weight (pounds)	4000
GVWR (lbs)	4685	N/V Ratio	24.6
Axle Ratio	5.68		
Transmission Type	Selectable Continuously Variable (e.g. CVT with paddles)	# of Transmission Gears	1
Transmission Lockup	Yes	Creep Gear	No

Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	39.84	-0.4054	0.03085	16.21	-0.2875	0.02842	12.9

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Emission Control Device Comments	--		
Manufacturer Test Vehicle Comments	Sport mode		
Test #	MNSX10067313	Test Procedure	24 - Federal fuel refueling test (ORVR)
Exhaust Test # for this Evap Test	MNSX10067312	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	08/21/2020	Fuel	Gasoline
Fuel Batch ID	WL8-04	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4337	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.099	--

Manufacturer Test Comments --

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.099	0.016	0.12	0.20	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.099	0.016	0.12	0.20	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA						
Emission Data Vehicle Information									
Vehicle ID / Configuration	CTBQ82 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	TNSXT01.5E3K	Original Evaporative/Refueling Family	TNSXR0128PEA						
Original Test Vehicle Model Year	2026								
Vehicle Model									
Represented Test Vehicle Make	NISSAN	Represented Test Vehicle Model	ROGUE AWD ROCK CREEK						
Leak Family Details									
Leak Family Identifier	001	Leak Family Name	TNSXR0128PEA-001						
Drive Sources and Fuel System Details									
<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Combustion Engine</td> <td>Gasoline</td> </tr> </tbody> </table>				Drive Source and Fuel#	Drive Source	Fuel	1	Combustion Engine	Gasoline
Drive Source and Fuel#	Drive Source	Fuel							
1	Combustion Engine	Gasoline							
Hybrid Indicator	No								
Multiple Fuel Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	--	Rechargeable Energy Storage System Indicator	--						
Rechargeable Energy Storage System	--	Rechargeable Energy Storage System, if 'Other'	--						
Off-board charge Capable Indicator	--								
Odometer Correction -- Initial	4	Odometer Correction Factor	0.98						
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor								
Odometer Correction Units	Miles								
Engine Code	AR15DAC7	Rated Horsepower	201						
Displacement (liters)	1.5								
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	1	Air Aspiration Device Configuration	Single						
Charge Air Cooler Type	Liquid	Drive Mode While Testing	2-Wheel Drive, Front						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	3715	Equivalent Test Weight (pounds)	4000						
GVWR (lbs)	4773	N/V Ratio	25						
Axle Ratio	5.68								
Transmission Type	Selectable Continuously Variable (e.g. CVT with paddles)	# of Transmission Gears	8						
Transmission Lockup	Yes	Creep Gear	No						

Certification Summary Information Report

Test Group		TNSXT01.5E3K			Evaporative/Refueling Family			TNSXR0128PDA
Dynamometer Coefficients:								
		Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)		
City/Highway/Evap	44.88	-0.2806	0.02955	19.31	-0.1426	0.02654	14	
Cold CO	49.87	-0.3118	0.03283	19.73	-0.2589	0.03027	N/A	
US06	44.88	-0.2806	0.02955	19.31	-0.1426	0.02654	N/A	
Emission Control Device Comments	--							
Manufacturer Test Vehicle Comments	Sport mode.							

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Test #	TNSX10093076	Test Procedure	52 - Fed. fuel 50 F exh.
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	01/14/2026	Fuel	Gasoline
Fuel Batch ID	480555	Fuel Calibration Number	2
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5010	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO (Carbon Monoxide)	0.1274207	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.42	--
DT-EER (Drive Trace Energy Economy Rating)	0.26	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	2.09	--
MFR FE (Manufacturer Fuel Economy)	30.6	30.6
NOX (Nitrogen Oxide)	0.0254871	--
HC-NM (Non-methane Hydrocarbon)	0.0177125	--
NMOG (Non-methane organic gases)	0.0194547	--
HC-TOTAL (Total Hydrocarbon)	0.0214969	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	284.0866126	--

Manufacturer Test Comments

--

Certification Summary Information Report

Test Group		TNSXT01.5E3K				Evaporative/Refueling Family				TNSXR0128PDA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
CA	4,000 miles	California LEV-IV ULEV50	CO	0.13	--	--	--	0	--	0.1	1.7	Pass
CA	4,000 miles	California LEV-IV ULEV50	NMOG	0.0195	1	1.09836	--	0	--	0.020	999.999	Pass
CA	4,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0450	--	--	--	--	--	0.045	0.100	Pass
CA	4,000 miles	California LEV-IV ULEV50	NOX	0.0255	--	--	--	0	--	0.026	999.999	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Test #	TNSX10093083	Test Procedure	31 - Federal fuel 3-day exhaust
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	12/16/2025	Fuel	Gasoline
Fuel Batch ID	480555	Fuel Calibration Number	2
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--	Odometer Units	M
Test Start Odometer Reading	4749	Diesel Adjustment Factor Usage	--
4WD Test Dyno	No		
State of Charge Delta	--	Road Speed Fan Usage	Yes
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)		
Test Results			

Certification Summary Information Report

Test Group		TNSXT01.5E3K			Evaporative/Refueling Family					TNSXR0128PDA		
Manufacturer Test Comments		--										
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	120,000 miles	Federal Tier 3 Bin 50	CREE	272	--	--	--	0.000000	--	272	--	--
Fed	120,000 miles	Federal Tier 3 Bin 50	METHANE	0.0035	--	--	--	0.0000	--	0.004	0.030	Pass
Fed	120,000 miles	Federal Tier 3 Bin 50	N2O	0.0000	--	--	--	0.0000	--	0.000	0.010	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	CO	0.04	--	--	--	0.00	--	0.0	1.7	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	CO-COMP	0.06	--	--	--	0	--	0.1	4.2	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0040	1	1.09836	--	0.0000	--	0.004	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0224	--	--	--	--	--	0.026	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX-COMP	0.0173	--	--	--	0	--	0.017	0.080	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0184	--	--	--	0.0031	--	0.022	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0006	--	--	--	0.0000	--	0.001	0.003	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.04	--	--	--	0.00	--	0.0	1.7	Pass
CA	150,000 miles	California LEV-IV ULEV50	METHANE	0.0035	--	--	--	0.0000	--	0.004	0.030	Pass
CA	150,000 miles	California LEV-IV ULEV50	N2O	0.0000	--	--	--	0.0000	--	0.000	0.010	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0040	1	1.09836	--	0.0000	--	0.004	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0224	--	--	--	--	--	0.026	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0184	--	--	--	0.0031	--	0.022	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	PM	0.0006	--	--	--	0.0000	--	0.001	0.001	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Test #	TNSX10093085	Test Procedure	11 - Cold CO
Exhaust Test # for this Evap Test	--	Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)
Test Date	01/09/2026	Fuel	Gasoline
Fuel Batch ID	280406	Fuel Calibration Number	2
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4962	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
Test Results			

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
	CO2 BAG 1 (Bag 1 Carbon Dioxide)	422.0410568	--
	CO BAG 1 (Bag 1 Carbon Monoxide)	3.0983671	--
	FE BAG 1 (Bag 1 Fuel Economy)	20.1	20.1
	CH4 BAG 1 (Bag 1 Methane)	0.0556429	--
	NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.5748111	--
	CO2 BAG 2 (Bag 2 Carbon Dioxide)	337.869071	--
	CO BAG 2 (Bag 2 Carbon Monoxide)	0.0153443	--
	FE BAG 2 (Bag 2 Fuel Economy)	25.5	25.5
	CH4 BAG 2 (Bag 2 Methane)	0	--
	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0012092	--
	CO2 BAG 3 (Bag 3 Carbon Dioxide)	308.7435677	--
	CO BAG 3 (Bag 3 Carbon Monoxide)	0.0328584	--
	FE BAG 3 (Bag 3 Fuel Economy)	27.9	27.9
	CH4 BAG 3 (Bag 3 Methane)	0.0029313	--
	NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.0009927	--
	METHANE (CH4 - Methane)	0.0123306	--
	CO (Carbon Monoxide)	0.6587888	--
	DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.68	--
	DT-EER (Drive Trace Energy Economy Rating)	0.31	--
	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	3.19	--
	MFR FE (Manufacturer Fuel Economy)	24.8	24.8
	HC-NM (Non-methane Hydrocarbon)	0.1089444	--
	NMOG (Non-methane organic gases)	0.1199696	--
	HC-TOTAL (Total Hydrocarbon)	0.1188972	--
	Test Result Name	Unrounded Test Result	Verify Calculated CO2
	Carbon dioxide	347.3126273	--
Manufacturer Test Comments --			

Certification Summary Information Report

Test Group		TNSXT01.5E3K			Evaporative/Refueling Family					TNSXR0128PDA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	50,000 miles	Federal Tier 3 Bin 50	CO	0.66	--	--	--	0.00	--	0.7	10.0	Pass
Fed	120,000 miles	Federal Tier 3 Bin 50	HC-NM	0.11	--	--	--	0.00	--	0.1	0.3	Pass
CA	50,000 miles	California LEV-IV ULEV50	CO	0.66	--	--	--	0.00	--	0.7	10.0	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Test #	TNSX10093079	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	12/16/2025	Fuel	Gasoline
Fuel Batch ID	480555	Fuel Calibration Number	2
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4760	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.0004203	--
CO (Carbon Monoxide)	0.0102278	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	3.65	--
DT-EER (Drive Trace Energy Economy Rating)	0.24	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	4.29	--
MFR FE (Manufacturer Fuel Economy)	38.7	38.7
NOX (Nitrogen Oxide)	0.0019599	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--
HC-TOTAL (Total Hydrocarbon)	0.0003316	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	225.0166199	225

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	224.7668481	--

Manufacturer Test Comments --

Certification Summary Information Report

Test Group		TNSXT01.5E3K			Evaporative/Refueling Family					TNSXR0128PDA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	120,000 miles	Federal Tier 3 Bin 50	CREE	225	--	--	--	0.000000	--	225	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0000	1	1.03	--	0.0000	--	0.000	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0020	--	--	--	--	--	0.005	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0020	--	--	--	0.0031	--	0.005	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0000	1	1.03	--	0.0000	--	0.000	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0020	--	--	--	--	--	0.005	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0020	--	--	--	0.0031	--	0.005	999.999	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Test #	TNSX10093084	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	12/16/2025	Fuel	Gasoline
Fuel Batch ID	480555	Fuel Calibration Number	2
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4782	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	501.899496	--
CO BAG 1 (Bag 1 Carbon Monoxide)	0.29033	--
FE BAG 1 (Bag 1 Fuel Economy)	17.3	17.3
CH4 BAG 1 (Bag 1 Methane)	0.0032031	--
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0043496	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	301.9037461	--
CO BAG 2 (Bag 2 Carbon Monoxide)	0.1094296	--
FE BAG 2 (Bag 2 Fuel Economy)	28.8	28.8
CH4 BAG 2 (Bag 2 Methane)	0.0012362	--
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0027015	--
METHANE (CH4 - Methane)	0.0016719	--
CO (Carbon Monoxide)	0.1494993	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-1.51	--
DT-EER (Drive Trace Energy Economy Rating)	-0.34	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-2.82	--
MFR FE (Manufacturer Fuel Economy)	25.1	25.1
NOX (Nitrogen Oxide)	0.0050936	--
HC-NM (Non-methane Hydrocarbon)	0.0029773	--
NMOG (Non-methane organic gases)	0.0030666	--
PM (Particulate Matter)	0.0006804	--
HC-TOTAL (Total Hydrocarbon)	0.0046264	--

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
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Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	346.2031674	--

Manufacturer Test Comments --

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 50	CO	0.1495	--	--	--	0.00	--	0.150	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0031	1	1.03	--	0.0000	--	0.003	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0051	--	--	--	0.0031	--	0.008	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0007	--	--	--	0.0000	--	0.001	0.006	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.15	--	--	--	0.00	--	0.2	9.6	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0031	1	1.03	--	0.0000	--	0.003	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0082	--	--	--	--	--	0.011	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0051	--	--	--	0.0031	--	0.008	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	PM	0.0007	--	--	--	0.0000	--	0.001	0.006	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Test #	TNSX10093082	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	12/17/2025	Fuel	Gasoline
Fuel Batch ID	480555	Fuel Calibration Number	2
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4798	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.0022334	--
CO (Carbon Monoxide)	0.0166933	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.3	--
DT-EER (Drive Trace Energy Economy Rating)	-0.26	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.04	--
MFR FE (Manufacturer Fuel Economy)	27.2	27.2
NOX (Nitrogen Oxide)	0.0104906	--
HC-NM (Non-methane Hydrocarbon)	0.0004007	--
NMOG (Non-methane organic gases)	0.0004127	--
HC-TOTAL (Total Hydrocarbon)	0.0026038	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	319.8818042	--

Manufacturer Test Comments --

Certification Summary Information Report

Test Group		TNSXT01.5E3K				Evaporative/Refueling Family				TNSXR0128PDA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 50	CO	0.0167	--	--	--	0.00	--	0.017	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0004	1	1.03	--	0.0000	--	0.000	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0105	--	--	--	0.0031	--	0.014	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.02	--	--	--	0.00	--	0.0	1.7	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0004	1	1.03	--	0.0000	--	0.000	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0109	--	--	--	--	--	0.014	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0105	--	--	--	0.0031	--	0.014	999.999	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
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Emission Data Vehicle Information

Vehicle ID / Configuration	CTBQ82 / 1	Manufacturer Vehicle Configuration Number	1
Original Test Group Name	TNSXT01.5E3K	Original Evaporative/Refueling Family	TNSXR0128PEA
Original Test Vehicle Model Year	2026		
Vehicle Model			
Represented Test Vehicle Make	NISSAN	Represented Test Vehicle Model	ROGUE AWD ROCK CREEK

Leak Family Details

Leak Family Identifier	001	Leak Family Name	TNSXR0128PEA-001
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Drive Sources and Fuel System Details

Drive Source and Fuel#	Drive Source	Fuel
1	Combustion Engine	Gasoline

Hybrid Indicator	No	Multiple Fuel Combustion	--
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	--
Fuel Cell Indicator	--	Rechargeable Energy Storage System, if 'Other'	--
Rechargeable Energy Storage System	--		
Off-board charge Capable Indicator	--		
Odometer Correction -- Initial	4	Odometer Correction Factor	0.98
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor		
Odometer Correction Units	Miles		
Engine Code	AR15DAC7	Rated Horsepower	201
Displacement (liters)	1.5	Air Aspiration Method, if 'Other'	
Air Aspiration Method	Turbocharged	Air Aspiration Device Configuration	Single
Number of Air Aspiration Devices	1	Drive Mode While Testing	2-Wheel Drive, Front
Charge Air Cooler Type	Liquid	Aged Emission Components	4,000 (mi)
Shift Indicator Light Usage	Not equipped	Equivalent Test Weight (pounds)	4000
Curb Weight (lbs)	3715	N/V Ratio	25
GVWR (lbs)	4773		
Axle Ratio	5.68		
Transmission Type	Selectable Continuously Variable (e.g. CVT with paddles)	# of Transmission Gears	8
Transmission Lockup	Yes	Creep Gear	No

Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	44.88	-0.2806	0.02955	19.31	-0.1426	0.02654	14

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Emission Control Device Comments	--		
Manufacturer Test Vehicle Comments	NORMAL mode.		

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Test #	TNSX10093077	Test Procedure	21 - Federal fuel 2-day exhaust (w/can load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	61 - Tier 2 Cert Gasoline
Test Date	01/16/2026	Fuel	Gasoline
Fuel Batch ID	610586	Fuel Calibration Number	1
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5058	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.0061556	--
CO (Carbon Monoxide)	0.0546257	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-1.27	--
DT-EER (Drive Trace Energy Economy Rating)	-0.4	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-1.04	--
MFR FE (Manufacturer Fuel Economy)	36.8	36.8
NOX (Nitrogen Oxide)	0.012252	--
HC-NM (Non-methane Hydrocarbon)	0.0058765	--
NMOG (Non-methane organic gases)	0.006054	--
HC-TOTAL (Total Hydrocarbon)	0.0119512	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	242.1166159	242

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	242.414344	--

Manufacturer Test Comments --

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
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Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	120,000 miles	Federal Tier 3 Bin 50	CREE	242	--	--	--	0.000000	--	242	--	--

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Test #	TNSX10093078	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	61 - Tier 2 Cert Gasoline
Test Date	12/12/2025	Fuel	Gasoline
Fuel Batch ID	610586	Fuel Calibration Number	1
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4718	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.0008797	--
CO (Carbon Monoxide)	0.00383	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	2.4	--
DT-EER (Drive Trace Energy Economy Rating)	-0.21	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	3.07	--
MFR FE (Manufacturer Fuel Economy)	46.8	46.8
NOX (Nitrogen Oxide)	0.0024152	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--
HC-TOTAL (Total Hydrocarbon)	0.0008294	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	190.0025377	190

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	190.219456	--

Manufacturer Test Comments --

Certification Summary Information Report

Test Group		TNSXT01.5E3K				Evaporative/Refueling Family				TNSXR0128PDA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	120,000 miles	Federal Tier 3 Bin 50	CREE	190	--	--	--	0.000000	--	190	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0000	1	1.03	--	0.0000	--	0.000	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0024	--	--	--	--	--	0.006	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0024	--	--	--	0.0031	--	0.006	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0000	1	1.03	--	0.0000	--	0.000	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0024	--	--	--	--	--	0.006	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0024	--	--	--	0.0031	--	0.006	999.999	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Fuel Properties			
Fuel Batch ID	480555	Fuel Calibration Number	2
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	11/01/2025
Fuel Batch Calibration Effective Date	11/01/2025	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.745
Fuel Ethanol Volume Percent (%)	9.6	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.414	Fuel Carbon Mass Fraction (E10)	0.828
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	280406	Fuel Calibration Number	2
Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)	Fuel Batch Calibration Date	12/16/2024
Fuel Batch Calibration Effective Date	12/16/2024	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.743
Fuel Ethanol Volume Percent (%)	10	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.728	Fuel Carbon Mass Fraction (E10)	0.825
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	610586	Fuel Calibration Number	1
Test Fuel Type	61 - Tier 2 Cert Gasoline	Fuel Batch Calibration Date	09/15/2025
Fuel Batch Calibration Effective Date	09/15/2025	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.742
Fuel Ethanol Volume Percent (%)	--	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	18454
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.866	Weight Fraction CO2	--
Fuel Batch ID	WH9-12	Fuel Calibration Number	9999
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	08/19/2019
Fuel Batch Calibration Effective Date	08/19/2019	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	--
Fuel Ethanol Volume Percent (%)	9.9	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	WE0A04	Fuel Calibration Number	1
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	07/16/2020
Fuel Batch Calibration Effective Date	07/16/2020	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.742
Fuel Ethanol Volume Percent (%)	9.8	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17838
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.826	Weight Fraction CO2	--
Fuel Batch ID	WG0A06	Fuel Calibration Number	1
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	10/08/2020
Fuel Batch Calibration Effective Date	10/08/2020	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.742
Fuel Ethanol Volume Percent (%)	9.8	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17838
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.825	Weight Fraction CO2	--
Fuel Batch ID	WL8-04	Fuel Calibration Number	1
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	10/14/2019
Fuel Batch Calibration Effective Date	10/14/2019	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.739
Fuel Ethanol Volume Percent (%)	9.9	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17815
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.826	Weight Fraction CO2	--

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
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Consolidated List of Standards

Exhaust Standards

Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	Standard Level	California LEV-IV ULEV50
Fuel	Gasoline	Test Procedure	SC03

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0.00	1.7
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0000	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999

Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	Standard Level	California LEV-IV ULEV50
Fuel	Gasoline	Test Procedure	HWFE

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0000	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999

Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	Standard Level	California LEV-IV ULEV50
Fuel	Gasoline	Test Procedure	US06

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0.00	9.6
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0000	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.006

Certification Summary Information Report

Test Group		TNSXT01.5E3K			Evaporative/Refueling Family			TNSXR0128PDA		
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDT1 (LVW-3750, GVW 0-6000)			Standard Level			California LEV-IV ULEV50		
Fuel		Gasoline			Test Procedure			Federal fuel 3-day exhaust		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CO	--	--	--	--	--	--	0.00	1.7	
150,000 miles	METHANE	--	--	--	--	--	--	0.0000	0.030	
150,000 miles	N2O	--	--	--	--	--	--	0.0000	0.010	
150,000 miles	NMOG	--	1	1.09836	--	--	--	0.0000	999.999	
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050	
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999	
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.001	

Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDT1 (LVW-3750, GVW 0-6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel		Gasoline			Test Procedure			SC03		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CO	--	--	--	--	--	--	0.00	999.999	
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0000	999.999	
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999	

Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDT1 (LVW-3750, GVW 0-6000)			Standard Level			California LEV-IV ULEV50		
Fuel		Gasoline			Test Procedure			Cold CO		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
50,000 miles	CO	--	--	--	--	--	--	0.00	10.0	

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	Standard Level	California LEV-IV ULEV50
Fuel	Gasoline	Test Procedure	Fed. fuel 50 F exh.

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
4,000 miles	CO	--	--	--	--	--	--	0	1.7
4,000 miles	NMOG	--	1	1.09836	--	--	--	0	999.999
4,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.100
4,000 miles	NOX	--	--	--	--	--	--	0	999.999

Cert Region	Federal	Cert/In-Use Code	Cert
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	Standard Level	Federal Tier 3 Bin 50
Fuel	Gasoline	Test Procedure	Cold CO

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
50,000 miles	CO	--	--	--	--	--	--	0.00	10.0
120,000 miles	HC-NM	--	--	--	--	--	--	0.00	0.3

Cert Region	Federal	Cert/In-Use Code	Cert
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	Standard Level	Federal Tier 3 Bin 50
Fuel	Gasoline	Test Procedure	Federal fuel 3-day exhaust

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
120,000 miles	CREE	--	--	--	--	--	--	0.000000	999.999
120,000 miles	METHANE	--	--	--	--	--	--	0.0000	0.030
120,000 miles	N2O	--	--	--	--	--	--	0.0000	0.010
150,000 miles	CO	--	--	--	--	--	--	0.00	1.7
150,000 miles	CO-COMP	--	--	--	--	--	--	0	4.2
150,000 miles	NMOG	--	1	1.09836	--	--	--	0.0000	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0.080
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.003

Certification Summary Information Report

Test Group		TNSXT01.5E3K			Evaporative/Refueling Family			TNSXR0128PDA		
Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDT1 (LVW-3750, GVW 0-6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel		Gasoline			Test Procedure			US06		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CO	--	--	--	--	--	--	0.00	999.999	
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0000	999.999	
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999	
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.006	

Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDT1 (LVW-3750, GVW 0-6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel		Gasoline			Test Procedure			HWFE		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
120,000 miles	CREE	--	--	--	--	--	--	0.000000	999.999	
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0000	999.999	
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050	
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999	

Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDT1 (LVW-3750, GVW 0-6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel		Gasoline			Test Procedure			Federal fuel 2-day exhaust (w/can load)		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
120,000 miles	CREE	--	--	--	--	--	--	0.000000	999.999	

Evaporative/Refueling Standards

Evaporative/Refueling Family		TNSXR0128PDA			Cert Region			Federal		
Cert/In-Use Code		Cert			Standard Level			Federal Tier 3 Evap		
Test Procedure		CA fuel 3-day evap.								
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF					
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.300	0.0000					

Certification Summary Information Report

Test Group	TNSXT01.5E3K		Evaporative/Refueling Family	TNSXR0128PDA	
Evaporative/Refueling Family	TNSXR0128PDA		Cert Region	California + CAA Section 177 states California LEV-IV Zero Evap (Option 2)	
Cert/In-Use Code	Cert		Standard Level		
Test Procedure	California Fuel Running Loss				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.05	0.000
Evaporative/Refueling Family	TNSXR0128PDA		Cert Region	Federal	
Cert/In-Use Code	Cert		Standard Level	Federal Tier 3 Evap	
Test Procedure	California Fuel Running Loss				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.05	0.000
Evaporative/Refueling Family	TNSXR0128PDA		Cert Region	California + CAA Section 177 states California LEV-IV Zero Evap (Option 2)	
Cert/In-Use Code	Cert		Standard Level		
Test Procedure	Federal fuel refueling test (ORVR)				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.20	0.016
Evaporative/Refueling Family	TNSXR0128PDA		Cert Region	Federal	
Cert/In-Use Code	Cert		Standard Level	Federal Tier 3 Evap	
Test Procedure	Federal fuel refueling test (ORVR)				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.20	0.016
Evaporative/Refueling Family	TNSXR0128PDA		Cert Region	California + CAA Section 177 states California LEV-IV Zero Evap (Option 2)	
Cert/In-Use Code	Cert		Standard Level		
Test Procedure	Evap Canister Bleed Test				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.020	0.0000

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA		
Evaporative/Refueling Family	TNSXR0128PDA	Cert Region	Federal		
Cert/In-Use Code	Cert	Standard Level	Federal Tier 3 Evap		
Test Procedure	California fuel 2-day evap				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.300	0.0000
Evaporative/Refueling Family	TNSXR0128PDA	Cert Region	California + CAA Section 177 states		
Cert/In-Use Code	Cert	Standard Level	California LEV-IV Zero Evap (Option 2)		
Test Procedure	CA fuel 3-day evap.				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.300	0.0000
Evaporative/Refueling Family	TNSXR0128PDA	Cert Region	Federal		
Cert/In-Use Code	Cert	Standard Level	Federal Tier 3 Evap		
Test Procedure	Evap Canister Bleed Test				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.020	0.0000
Evaporative/Refueling Family	TNSXR0128PDA	Cert Region	California + CAA Section 177 states		
Cert/In-Use Code	Cert	Standard Level	California LEV-IV Zero Evap (Option 2)		
Test Procedure	California fuel 2-day evap				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.300	0.0000

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
Glossary			
Useful Life			
4	4,000 miles	120	120,000 miles
50	50,000 miles	150	150,000 miles
100	100,000 miles		
Emission Name			
HC-TOTAL	Total Hydrocarbon	COMB-CREE	Combined Carbon-Related Exhaust Emissions
CO	Carbon Monoxide	COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions
CO2	Carbon dioxide	HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only
CREE	Carbon-Related Exhaust Emissions	METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only
OPT-CREE	Optional Carbon-Related Exhaust Emissions	N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only
NOX	Nitrogen Oxide	LEAK-DIA	Effective Leak Diameter (inches)
PM	Particulate Matter	LEAK-GAS CAP	Gas Cap Leakage (cc/min)
PM-COMP	SFTP Composite Particulate Matter	CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only
HC-NM	Non-methane Hydrocarbon	KW-HRS	Integrated DC KW-HRS
OMHCE	Organic material Hydrocarbon Equivalent	CH4 BAG 1	Bag 1 Methane
OMNMHCE	Organic material non-methane HC equivalent	CH4 BAG 2	Bag 2 Methane
NMOG	Non-methane organic gases	CH4 BAG 3	Bag 3 Methane
HCHO	Formaldehyde	CH4 BAG 4	Bag 4 Methane
H3C2HO	Acetaldehyde	CO BAG 1	Bag 1 Carbon Monoxide
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03	CO BAG 2	Bag 2 Carbon Monoxide
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides	CO BAG 3	Bag 3 Carbon Monoxide
CO-COMP	SFTP Composite Carbon Monoxide	CO BAG 4	Bag 4 Carbon Monoxide
ETHANOL	C2H5OH - Ethanol	NMOG BAG 1	Bag 1 Non-methane organic gases
FE BAG 1	Bag 1 Fuel Economy	NMOG BAG 2	Bag 2 Non-methane organic gases
FE BAG 2	Bag 2 Fuel Economy	NMOG BAG 3	Bag 3 Non-methane organic gases
FE BAG 3	Bag 3 Fuel Economy	NMOG BAG 4	Bag 4 Non-methane organic gases
FE BAG 4	Bag 4 Fuel Economy	ACT-DISTANCE BAG 1	Bag 1 Actual Distance
MFR FE	Manufacturer Fuel Economy	ACT-DISTANCE BAG 2	Bag 2 Actual Distance
HC	Hydrocarbon for Running Loss and ORVR	ACT-DISTANCE BAG 3	Bag 3 Actual Distance
METHANE	CH4 - Methane	ACT-DISTANCE BAG 4	Bag 4 Actual Distance
METHANOL	CH3OH - Methanol	HC-TOTAL BAG 1	Bag 1 Total Hydrocarbon
N2O	Nitrous Oxide	HC-TOTAL BAG 2	Bag 2 Total Hydrocarbon
SPITBACK	Spitback Hydrocarbon in grams	HC-TOTAL BAG 3	Bag 3 Total Hydrocarbon
AMP-HRS	Integrated Amp-hours	HC-TOTAL BAG 4	Bag 4 Total Hydrocarbon
START-SOC	System Start State of Charge Watt-hours	WATT-HRS BAG 1	Bag 1 Watt Hours
END-SOC	System End State of Charge Watt-hours	WATT-HRS BAG 2	Bag 2 Watt Hours

Certification Summary Information Report

Test Group		TNSXT01.5E3K	Evaporative/Refueling Family		TNSXR0128PDA
ACT-DISTANCE	Actual Distance Driven (miles)		WATT-HRS BAG 3	Bag 3 Watt Hours	
AS-VOLT	Average System Voltage		WATT-HRS BAG 4	Bag 4 Watt Hours	
CO2 BAG 1	Bag 1 Carbon Dioxide		WATT-HRS	Watt Hours	
CO2 BAG 2	Bag 2 Carbon Dioxide		HC-NM BAG 1	Bag 1 Non-methane Hydrocarbon	
CO2 BAG 3	Bag 3 Carbon Dioxide		HC-NM BAG 2	Bag 2 Non-methane Hydrocarbon	
CO2 BAG 4	Bag 4 Carbon Dioxide		HC-NM BAG 3	Bag 3 Non-methane Hydrocarbon	
NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides		HC-NM BAG 4	Bag 4 Non-methane Hydrocarbon	
NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides		N2O BAG 1	Bag 1 Nitrous Oxide	
DT-IWRR	Drive Trace Inertia Work Ratio Rating		N2O BAG 2	Bag 2 Nitrous Oxide	
DT-ASCR	Drive Trace Absolute Speed Change Rating		N2O BAG 3	Bag 3 Nitrous Oxide	
DT-EER	Drive Trace Energy Economy Rating		N2O BAG 4	Bag 4 Nitrous Oxide	
Certification Region					
CA	California + CAA Section 177 states		FA	Federal	
Exhaust Emission Standard Level					
B1	Federal Tier 2 Bin 1		HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340	
B2	Federal Tier 2 Bin 2		HDV2B250	Federal Tier 3 HD Class 2b Bin 250	
B3	Federal Tier 2 Bin 3		HDV2B200	Federal Tier 3 HD Class 2b Bin 200	
B4	Federal Tier 2 Bin 4		HDV2B170	Federal Tier 3 HD Class 2b Bin 170	
B5	Federal Tier 2 Bin 5		HDV2B150	Federal Tier 3 HD Class 2b Bin 150	
B6	Federal Tier 2 Bin 6		HDV2B0	Federal Tier 3 HD Class 2b Bin 0	
B7	Federal Tier 2 Bin 7		HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630	
B8	Federal Tier 2 Bin 8		HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570	
B9	Federal Tier 2 Bin 9		HDV3B400	Federal Tier 3 HD Class 3 Bin 400	
B10	Federal Tier 2 Bin 10		HDV3B270	Federal Tier 3 HD Class 3 Bin 270	
B11	Federal Tier 2 Bin 11		HDV3B230	Federal Tier 3 HD Class 3 Bin 230	
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)		HDV3B200	Federal Tier 3 HD Class 3 Bin 200	
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)		HDV3B0	Federal Tier 3 HD Class 3 Bin 0	
L2	California LEV-II LEV		L4SULEV100	California LEV-IV SULEV100	
L2OP	California LEV-II LEV Optional		L4SULEV125	California LEV-IV SULEV125	
U2	California LEV-II ULEV		L4SULEV15	California LEV-IV SULEV15	
S2	California LEV-II SULEV		L4SULEV150	California LEV-IV SULEV150	
ZEV	California ZEV		L4SULEV170	California LEV-IV SULEV170	
OT	Other		L4SULEV175	California LEV-IV SULEV175	
T1	Federal Tier 1		L4SULEV20	California LEV-IV SULEV20	
PZEV	California PZEV		L4SULEV200	California LEV-IV SULEV200	
L2LEV160	California LEV-II LEV160		L4SULEV230	California LEV-IV SULEV230	
L2ULEV125	California LEV-II ULEV125		L4SULEV25	California LEV-IV SULEV25	
L2SULEV30	California LEV-II SULEV30		L4SULEV30	California LEV-IV SULEV30	
L2LEV395	California LEV-II LEV395		L4SULEV75	California LEV-IV SULEV75	

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
L2ULEV340	California LEV-II ULEV340	L4SULEV85	California LEV-IV SULEV85
L2LEV630	California LEV-II LEV630	L4ULEV125	California LEV-IV ULEV125
L2ULEV570	California LEV-II ULEV570	L4ULEV200	California LEV-IV ULEV200
L3LEV160	California LEV-III LEV160	L4ULEV250	California LEV-IV ULEV250
L3ULEV125	California LEV-III ULEV125	L4ULEV270	California LEV-IV ULEV270
L3ULEV70	California LEV-III ULEV70	L4ULEV40	California LEV-IV ULEV40
L3ULEV50	California LEV-III ULEV50	L4ULEV400	California LEV-IV ULEV400
L3SULEV30	California LEV-III SULEV30	L4ULEV50	California LEV-IV ULEV50
L3SULEV20	California LEV-III SULEV20	L4ULEV60	California LEV-IV ULEV60
L3LEV395	California LEV-III LEV395	L4ULEV70	California LEV-IV ULEV70
L3ULEV340	California LEV-III ULEV340	T4B170	Federal Tier 4 MDV Bin 170
L3ULEV250	California LEV-III ULEV250	T4B150	Federal Tier 4 MDV Bin 150
L3ULEV200	California LEV-III ULEV200	T4B125	Federal Tier 4 MDV Bin 125
L3SULEV170	California LEV-III SULEV170	T4B100	Federal Tier 4 MDV Bin 100
L3SULEV150	California LEV-III SULEV150	T4B85	Federal Tier 4 MDV Bin 85
L3LEV630	California LEV-III LEV630	T4B75	Federal Tier 4 MDV Bin 75
L3ULEV570	California LEV-III ULEV570	T4B70	Federal Tier 4 Bin 70
L3ULEV400	California LEV-III ULEV400	T4B65	Federal Tier 4 Bin 65
L3ULEV270	California LEV-III ULEV270	T4B60	Federal Tier 4 Bin 60
L3SULEV230	California LEV-III SULEV230	T4B55	Federal Tier 4 Bin 55
L3SULEV200	California LEV-III SULEV200	T4B50	Federal Tier 4 Bin 50
T3B160	Federal Tier 3 Bin 160	T4B45	Federal Tier 4 Bin 45
T3B125	Federal Tier 3 Bin 125	T4B40	Federal Tier 4 Bin 40
T3B110	Federal Tier 3 Transitional Bin 110	T4B35	Federal Tier 4 Bin 35
T3B85	Federal Tier 3 Transitional Bin 85	T4B30	Federal Tier 4 Bin 30
T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover	T4B25	Federal Tier 4 Bin 25
T3B70	Federal Tier 3 Bin 70	T4B20	Federal Tier 4 Bin 20
T3B50	Federal Tier 3 Bin 50	T4B15	Federal Tier 4 Bin 15
T3B30	Federal Tier 3 Bin 30	T4B10	Federal Tier 4 Bin 10
T3B20	Federal Tier 3 Bin 20	T4B5	Federal Tier 4 Bin 5
T3B0	Federal Tier 3 Bin 0	T4B0	Federal Tier 4 Bin 0
HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395		
Transmission Type Code			
AMS	Automated Manual- Selectable (e.g. Automated Manual with paddles)	M	Manual
A	Automatic	OT	Other
AM	Automated Manual	SA	Semi-Automatic
CVT	Continuously Variable	SCV	Selectable Continuously Variable (e.g. CVT with paddles)
Drive System Code			
4	4-Wheel Drive	P	Part-time 4-Wheel Drive

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PDA
F	2-Wheel Drive, Front	A	All Wheel Drive
R	2-Wheel Drive, Rear		
Additional Terms and Acronyms			
AFC	Alternative Fuel Converter	ICI	Independent Commercial Importer
CSI	Certificate Summary Information	ORVR	Onboard Refueling Vapor Recovery
DF	Deterioration Factor	SIL	Shift Indicator Light
Evap	Evaporation, Evaporative	Trans	Transmission

Certification Summary Information Report

Manufacturer	Nissan Motor Co., Ltd.	Manufacturer Code	NSX
Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	03/06/2026 03:36:54 AM
Model Year	2026		

Test Group Information

CSI Type	Update for Correction	Running Change Reference Number	--
GHG Exempt Status	Not Exempt		

Drive Sources and Fuel(s)

Drive Source #1: Combustion Engine

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Gasoline	Spark Ignition Direct fuel injection	No

Hybrid Indicator	No	Rechargeable Energy Storage System Indicator	--
Multiple Fuel Storage	--	Off-board Charge Capable Indicator	--
Multiple Fuel Combustion	--	EPA Vehicle Class	LDT1, LDT2
Fuel Cell Indicator	--	Federal Clean Fuel Vehicle Standard	--
Federal Clean Fuel Vehicle	No	California Partial Zero Emissions Vehicle Indicator	No
Federal Clean Fuel Vehicle ILEV	No	Durability Group Equivalency Factor	1.8
Durability Group Name	TNSXGPGNNAAM	Certification Region Code(s)	FA, CA
Reduced Fee Test Group	No	CAP2000 Conditional Certificate?	N/A
Complies with HD GHG 2b/3 regulations?	No	Alternative Fuel Converter Certificate?	--
Introduction into Commerce Date	06/03/2026	SFTP Tier 2 Composite CO Option	No
Independent Commercial Importer?	--		
SFTP Federal Composite Compliance Identifier	Tier 3		
SFTP LEV-III Composite Compliance Indicator	Yes		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	TNSXJ02.0JMF
Test Group OBD Compliance Level	Partial - with deficiencies	Number of Test Group OBD Deficiencies	1
OBD Deficiencies Comments	The OBD approval letter(E-26-046). Deficiency: Lack of MIL Illumination for Some Safety-related Components. Other OBD Demonstration Vehicle Test Group(s) : TNSXT03.8GRM.		
Mfr Test Group Comments	Nissan conducted FTP, HWY, US06, and SC03 using Tier3 E10 gasoline and Cold using Cold E10 gasoline for Litmus. Litmus result(Value / Threshold) City: 24.6 / 23.8 HWY: 27.0 / 25.9 Test No: TNSX10093083(FTP), TNSX10093079(HWY), TNSX10093084(US06), TNSX10093082(SC03), TNSX10093085(Cold)		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Evaporative/Refueling Family Information			
Evaporative Summary Information Type	New	Submission/Correction Date	02/26/2025 03:46:05 AM
Integrated ORVR?	Yes	Fuel(s)	Gasoline
Multiple Fuel Storage	--		
Bladder Fuel Tank?	No		
Fuel Tank Material	Plastic	Fuel Tank Material Description	Plastic
Fill Pipe Seal Type	Liquid seal		
Air Intake System Vapor Storage Device?	No	Air Intake System Vapor Storage Device Description	--
Fuel System Vapor Storage Canister?	Yes	Other Vapor Storage	--
Fuel System Vapor Storage Canister(s) Total Working Capacity (grams)	128	Number of Primary Canisters	1
Number of Bleed Canisters	0	Bleed Canister Total Working Capacity (grams)	0
Mfr Evaporative/Refueling Family Comments	--		
Leak Family Details			
Leak Family Indicator	Yes		
Canister Bleed Test Indicator	Yes	Applicability of Evaporative Canister Bleed Test	50 State
Evaporative Canister Bleed Test Comments	--		
CARB Fuel Only (Rig) Test Indicator	No	Applicability of CARB Fuel Only (Rig) Test	--
CARB Fuel Only (Rig) Test Comments	--		
Leak Family Name	Applicability of Leak Family Requirements	Leak Family Standard (inches)	Leak Family Description
TNSXR0128PEA-001	50 State	0.02	Based on our engineering evaluation, this vehicle comply with the leak standard

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA				
Models Covered by this Certificate							
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Nissan Motor Co., Ltd.	1 - NISSAN	102 - ROGUE AWD	California + CAA Section 177 states	All Wheel Drive	Selectable Continuously Variable (e.g. CVT with paddles)	8	Yes
Nissan Motor Co., Ltd.	1 - NISSAN	102 - ROGUE AWD	Federal	All Wheel Drive	Selectable Continuously Variable (e.g. CVT with paddles)	8	Yes
Nissan Motor Co., Ltd.	1 - NISSAN	103 - ROGUE AWD ROCK CREEK	California + CAA Section 177 states	All Wheel Drive	Selectable Continuously Variable (e.g. CVT with paddles)	8	Yes
Nissan Motor Co., Ltd.	1 - NISSAN	103 - ROGUE AWD ROCK CREEK	Federal	All Wheel Drive	Selectable Continuously Variable (e.g. CVT with paddles)	8	Yes
Nissan Motor Co., Ltd.	1 - NISSAN	101 - ROGUE FWD	Federal	2-Wheel Drive, Front	Selectable Continuously Variable (e.g. CVT with paddles)	8	Yes
Nissan Motor Co., Ltd.	1 - NISSAN	101 - ROGUE FWD	California + CAA Section 177 states	2-Wheel Drive, Front	Selectable Continuously Variable (e.g. CVT with paddles)	8	Yes
Engine Description							
Hybrid Type	--	Hybrid Description	--				
Engine Type	4-Stroke Spark Ignition	Mfr Engine Description	--				
Engine Block Arrangement	Inline	Mfr Engine Block Arrangement Description	--				
Camless Valvetrain Indicator	No	Oil Viscosity/Classification	SAE 0W-20				
Number of Cylinders/Rotors	3	Mechanically Variable Compression Ratio Indicator	Y				
After Treatment Device(s) (ATD)							
ATD Number	ATD Type	ATD Precious Metal	Substrate Material	Substrate Construction			
1	Three-way catalyst	Platinum + Rhodium	Ceramic	Monolith			
2	Three-way catalyst	Palladium + Rhodium	Ceramic	Monolith			
Mfr After Treatment Device (ATD) Comments							
--							
Direct Ozone Reduction (DOR) Device							
Not Equipped							
Mfr Emission Control Device Comments							
--							

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Engine Configuration Number 1			
Engine Displacement (liters)	1.5	Engine Rated Horsepower	201
Number of Inlet Valves Per Cylinder	2	Number of Exhaust Valves Per Cylinder	2
Air Aspiration Method	Turbocharged	Number of Air Aspiration Devices	1
Air Aspiration Device Configuration	Single	Charge Air Cooler Type	Liquid
Air Aspiration Drive Method(s)	Hydraulic		
Cylinder Deactivation	No		
Cylinder Deactivation Description	--		
Variable Valve Timing	Yes		
Variable Valve Timing System Description	EXH; ECM controlled, Oil pressure driven INT; ECM controlled, Motor driven		
Variable Valve Lift?	No		
Variable Valve Lift System Description	--		
Number of Knock Sensors	1	Number of Air/Fuel Sensors	2
Air/Fuel Sensor # 1 Type	Air fuel	Air/Fuel Sensor # 1 Description	--
Air/Fuel Sensor # 2 Type	Heated oxygen	Air/Fuel Sensor # 2 Description	--
Mfr Air/Fuel Sensor Comments	--		
Exhaust Gas Recirculation	Yes	Cooled Exhaust Gas Recirculation	Yes
EGR Type	Electronic/Electric	Exhaust Gas Recirculation Description if 'Other'	--
Closed Loop Air Injection System	No		
Air Injection Type	--	Air Injection Type if 'Other'	--
Mfr Engine Configuration Comments	--		

Official Test Numbers

Test Group	Fuel	FTP	US06	SC03	Cold CO	Highway	EPA City Litmus Value	EPA City Litmus Threshold	EPA Highway Litmus Value	EPA Highway Litmus Threshold	CREE Weighting Factor
Gasoline		TNSX10093083	TNSX10093084	TNSX10093082	TNSX10093085	TNSX10093079	24.6	23.9	27.1	26.0	--

SFTP LEV-III Official Test Numbers

Test Group Fuel	FTP	US06	SC03
Gasoline	TNSX10093083	TNSX10093084	TNSX10093082

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA						
Emission Data Vehicle Information									
Vehicle ID / Configuration	CTB527 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	MNSXT01.5A3A	Original Evaporative/Refueling Family	MNSXR0128PEA						
Original Test Vehicle Model Year	2021								
Vehicle Model									
Represented Test Vehicle Make	NISSAN	Represented Test Vehicle Model	ROGUE AWD SL/PLATINUM SL						
Leak Family Details									
Leak Family Identifier	001	Leak Family Name	MNSXR0128PEA-001						
Drive Sources and Fuel System Details									
	<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Combustion Engine</td> <td>Gasoline</td> </tr> </tbody> </table>			Drive Source and Fuel#	Drive Source	Fuel	1	Combustion Engine	Gasoline
Drive Source and Fuel#	Drive Source	Fuel							
1	Combustion Engine	Gasoline							
Hybrid Indicator	No								
Multiple Fuel Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	--	Rechargeable Energy Storage System Indicator	--						
Rechargeable Energy Storage System	--	Rechargeable Energy Storage System, if 'Other'	--						
Off-board charge Capable Indicator	--								
Odometer Correction -- Initial	0	Odometer Correction Factor	1.02						
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor								
Odometer Correction Units	Miles								
Engine Code	AR15DAC1	Rated Horsepower	201						
Displacement (liters)	1.5								
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	1	Air Aspiration Device Configuration	Single						
Charge Air Cooler Type	Air	Drive Mode While Testing	2-Wheel Drive, Front						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	3707	Equivalent Test Weight (pounds)	4000						
GVWR (lbs)	4685	N/V Ratio	24.6						
Axle Ratio	5.68								
Transmission Type	Selectable Continuously Variable (e.g. CVT with paddles)	# of Transmission Gears	1						
Transmission Lockup	Yes	Creep Gear	No						

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
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Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	39.84	-0.4054	0.03085	16.07	-0.3332	0.02884	12.9
Cold CO	44.27	-0.4504	0.03428	18.28	-0.4274	0.03428	N/A
US06	39.84	-0.4054	0.03085	16.07	-0.3332	0.02884	N/A

Emission Control Device Comments --
Manufacturer Test Vehicle Comments Sport mode

Test #	MNSX10067315	Test Procedure	27 - California fuel 2-day evap
Exhaust Test # for this Evap Test	MNSX10067314	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	09/17/2020	Fuel	Gasoline
Fuel Batch ID	WE0A04	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4476	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.245	--

Manufacturer Test Comments --

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.2450	0.0000	0.245	0.400	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.2450	0.0000	0.245	0.400	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Test #	MNSX10067326	Test Procedure	38 - CA fuel 3-day evap.
Exhaust Test # for this Evap Test	MNSX10067324	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	10/09/2020	Fuel	Gasoline
Fuel Batch ID	WG0A06	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4962	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.16	--

Manufacturer Test Comments --

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.1600	0.0000	0.160	0.400	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.1600	0.0000	0.160	0.400	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
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Test #	MNSX10067325	Test Procedure	37 - California Fuel Running Loss
Exhaust Test # for this Evap Test	MNSX10067324	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	10/09/2020	Fuel	Gasoline
Fuel Batch ID	WG0A06	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4945	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0004995	--

Manufacturer Test Comments --

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.000	0.000	0.00	0.05	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.000	0.000	0.00	0.05	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Test #	MNSX10067355	Test Procedure	65 - Evap Canister Bleed Test
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	06/04/2020	Fuel	Gasoline
Fuel Batch ID	WH9-12	Fuel Calibration Number	9999
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	9999	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0057	--

Manufacturer Test Comments

Vehicle ID, Vehicle Configuration Number and Drive Cycle Speed Tolerance Criteria are EDV information. Test Start Odometer Reading is entered for a dummy.

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.0057	0.0000	0.006	0.020	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.0057	0.0000	0.006	0.020	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
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Emission Data Vehicle Information

Vehicle ID / Configuration	CTB527 / 1	Manufacturer Vehicle Configuration Number	1
Original Test Group Name	MNSXT01.5A3A	Original Evaporative/Refueling Family	MNSXR0128PEA
Original Test Vehicle Model Year	2021		
Vehicle Model			
Represented Test Vehicle Make	NISSAN	Represented Test Vehicle Model	ROGUE AWD SL/PLATINUM SL

Leak Family Details

Leak Family Identifier	001	Leak Family Name	MNSXR0128PEA-001
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Drive Sources and Fuel System Details

Drive Source and Fuel#	Drive Source	Fuel
1	Combustion Engine	Gasoline

Hybrid Indicator	No	Multiple Fuel Combustion	--
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	--
Fuel Cell Indicator	--	Rechargeable Energy Storage System, if 'Other'	--
Rechargeable Energy Storage System	--		
Off-board charge Capable Indicator	--		
Odometer Correction -- Initial	0	Odometer Correction Factor	1.02
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor		
Odometer Correction Units	Miles		
Engine Code	AR15DAC1	Rated Horsepower	201
Displacement (liters)	1.5		
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'	
Number of Air Aspiration Devices	1	Air Aspiration Device Configuration	Single
Charge Air Cooler Type	Air	Drive Mode While Testing	2-Wheel Drive, Front
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)
Curb Weight (lbs)	3707	Equivalent Test Weight (pounds)	4000
GVWR (lbs)	4685	N/V Ratio	24.6
Axle Ratio	5.68		
Transmission Type	Selectable Continuously Variable (e.g. CVT with paddles)	# of Transmission Gears	1
Transmission Lockup	Yes	Creep Gear	No

Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	39.84	-0.4054	0.03085	16.21	-0.2875	0.02842	12.9

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Emission Control Device Comments	--		
Manufacturer Test Vehicle Comments	Sport mode		
Test #	MNSX10067313	Test Procedure	24 - Federal fuel refueling test (ORVR)
Exhaust Test # for this Evap Test	MNSX10067312	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	08/21/2020	Fuel	Gasoline
Fuel Batch ID	WL8-04	Fuel Calibration Number	1
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4337	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	No

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.099	--

Manufacturer Test Comments --

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	Add DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Evap	HC-TOTAL-EQUIV	0.099	0.016	0.12	0.20	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.099	0.016	0.12	0.20	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA						
Emission Data Vehicle Information									
Vehicle ID / Configuration	CTBQ82 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	TNSXT01.5E3K	Original Evaporative/Refueling Family	TNSXR0128PEA						
Original Test Vehicle Model Year	2026								
Vehicle Model									
Represented Test Vehicle Make	NISSAN	Represented Test Vehicle Model	ROGUE AWD ROCK CREEK						
Leak Family Details									
Leak Family Identifier	001	Leak Family Name	TNSXR0128PEA-001						
Drive Sources and Fuel System Details									
<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Combustion Engine</td> <td>Gasoline</td> </tr> </tbody> </table>				Drive Source and Fuel#	Drive Source	Fuel	1	Combustion Engine	Gasoline
Drive Source and Fuel#	Drive Source	Fuel							
1	Combustion Engine	Gasoline							
Hybrid Indicator	No								
Multiple Fuel Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	--	Rechargeable Energy Storage System Indicator	--						
Rechargeable Energy Storage System	--	Rechargeable Energy Storage System, if 'Other'	--						
Off-board charge Capable Indicator	--								
Odometer Correction -- Initial	4	Odometer Correction Factor	0.98						
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor								
Odometer Correction Units	Miles								
Engine Code	AR15DAC7	Rated Horsepower	201						
Displacement (liters)	1.5								
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	1	Air Aspiration Device Configuration	Single						
Charge Air Cooler Type	Liquid	Drive Mode While Testing	2-Wheel Drive, Front						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	3715	Equivalent Test Weight (pounds)	4000						
GVWR (lbs)	4773	N/V Ratio	25						
Axle Ratio	5.68								
Transmission Type	Selectable Continuously Variable (e.g. CVT with paddles)	# of Transmission Gears	8						
Transmission Lockup	Yes	Creep Gear	No						

Certification Summary Information Report

Test Group		TNSXT01.5E3K			Evaporative/Refueling Family			TNSXR0128PEA
Dynamometer Coefficients:								
		Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)		
City/Highway/Evap	44.88	-0.2806	0.02955	19.31	-0.1426	0.02654	14	
Cold CO	49.87	-0.3118	0.03283	19.73	-0.2589	0.03027	N/A	
US06	44.88	-0.2806	0.02955	19.31	-0.1426	0.02654	N/A	
Emission Control Device Comments	--							
Manufacturer Test Vehicle Comments	Sport mode.							

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Test #	TNSX10093076	Test Procedure	52 - Fed. fuel 50 F exh.
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	01/14/2026	Fuel	Gasoline
Fuel Batch ID	480555	Fuel Calibration Number	2
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5010	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO (Carbon Monoxide)	0.1274207	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.42	--
DT-EER (Drive Trace Energy Economy Rating)	0.26	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	2.09	--
MFR FE (Manufacturer Fuel Economy)	30.6	30.6
NOX (Nitrogen Oxide)	0.0254871	--
HC-NM (Non-methane Hydrocarbon)	0.0177125	--
NMOG (Non-methane organic gases)	0.0194547	--
HC-TOTAL (Total Hydrocarbon)	0.0214969	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	284.0866126	--

Manufacturer Test Comments

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Certification Summary Information Report

Test Group		TNSXT01.5E3K				Evaporative/Refueling Family				TNSXR0128PEA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
CA	4,000 miles	California LEV-IV ULEV50	CO	0.13	--	--	--	0	--	0.1	1.7	Pass
CA	4,000 miles	California LEV-IV ULEV50	NMOG	0.0195	1	1.09836	--	0	--	0.020	999.999	Pass
CA	4,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0450	--	--	--	--	--	0.045	0.100	Pass
CA	4,000 miles	California LEV-IV ULEV50	NOX	0.0255	--	--	--	0	--	0.026	999.999	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Test #	TNSX10093083	Test Procedure	31 - Federal fuel 3-day exhaust
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	12/16/2025	Fuel	Gasoline
Fuel Batch ID	480555	Fuel Calibration Number	2
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4749	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
Test Results			

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
	CO2 BAG 1 (Bag 1 Carbon Dioxide)	288.1416481	--
	CO BAG 1 (Bag 1 Carbon Monoxide)	0.1120178	--
	FE BAG 1 (Bag 1 Fuel Economy)	30.2	30.2
	CH4 BAG 1 (Bag 1 Methane)	0.0073199	--
	NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0174437	--
	CO2 BAG 2 (Bag 2 Carbon Dioxide)	269.0803536	--
	CO BAG 2 (Bag 2 Carbon Monoxide)	0.0009367	--
	FE BAG 2 (Bag 2 Fuel Economy)	32.4	32.4
	CH4 BAG 2 (Bag 2 Methane)	0.0015688	--
	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0	--
	CO2 BAG 3 (Bag 3 Carbon Dioxide)	266.3001864	--
	CO BAG 3 (Bag 3 Carbon Monoxide)	0.052956	--
	FE BAG 3 (Bag 3 Fuel Economy)	32.7	32.7
	CH4 BAG 3 (Bag 3 Methane)	0.0043333	--
	NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.0018144	--
	METHANE (CH4 - Methane)	0.0035218	--
	CO (Carbon Monoxide)	0.0382805	--
	DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.02	--
	DT-EER (Drive Trace Energy Economy Rating)	0.39	--
	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.65	--
	HCHO (Formaldehyde)	0.0000709	--
	MFR FE (Manufacturer Fuel Economy)	32	32
	NOX (Nitrogen Oxide)	0.0184315	--
	N2O (Nitrous Oxide)	0	--
	HC-NM (Non-methane Hydrocarbon)	0.0036563	--
	NMOG (Non-methane organic gases)	0.0040159	--
	PM (Particulate Matter)	0.0005952	--
	HC-TOTAL (Total Hydrocarbon)	0.0071319	--
	Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
	Carbon-Related Exhaust Emissions	272.0843741	272
	Test Result Name	Unrounded Test Result	Verify Calculated CO2
	Carbon dioxide	272.2673035	--

Certification Summary Information Report

Test Group		TNSXT01.5E3K			Evaporative/Refueling Family					TNSXR0128PEA		
Manufacturer Test Comments		--										
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	120,000 miles	Federal Tier 3 Bin 50	CREE	272	--	--	--	0.000000	--	272	--	--
Fed	120,000 miles	Federal Tier 3 Bin 50	METHANE	0.0035	--	--	--	0.0000	--	0.004	0.030	Pass
Fed	120,000 miles	Federal Tier 3 Bin 50	N2O	0.0000	--	--	--	0.0000	--	0.000	0.010	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	CO	0.04	--	--	--	0.00	--	0.0	1.7	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	CO-COMP	0.06	--	--	--	0	--	0.1	4.2	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0040	1	1.09836	--	0.0000	--	0.004	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0224	--	--	--	--	--	0.026	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX-COMP	0.0173	--	--	--	0	--	0.017	0.080	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0184	--	--	--	0.0031	--	0.022	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0006	--	--	--	0.0000	--	0.001	0.003	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.04	--	--	--	0.00	--	0.0	1.7	Pass
CA	150,000 miles	California LEV-IV ULEV50	METHANE	0.0035	--	--	--	0.0000	--	0.004	0.030	Pass
CA	150,000 miles	California LEV-IV ULEV50	N2O	0.0000	--	--	--	0.0000	--	0.000	0.010	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0040	1	1.09836	--	0.0000	--	0.004	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0224	--	--	--	--	--	0.026	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0184	--	--	--	0.0031	--	0.022	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	PM	0.0006	--	--	--	0.0000	--	0.001	0.001	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Test #	TNSX10093085	Test Procedure	11 - Cold CO
Exhaust Test # for this Evap Test	--	Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)
Test Date	01/09/2026	Fuel	Gasoline
Fuel Batch ID	280406	Fuel Calibration Number	2
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4962	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
Test Results			

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
	Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
	CO2 BAG 1 (Bag 1 Carbon Dioxide)	422.0410568	--
	CO BAG 1 (Bag 1 Carbon Monoxide)	3.0983671	--
	FE BAG 1 (Bag 1 Fuel Economy)	20.1	20.1
	CH4 BAG 1 (Bag 1 Methane)	0.0556429	--
	NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.5748111	--
	CO2 BAG 2 (Bag 2 Carbon Dioxide)	337.869071	--
	CO BAG 2 (Bag 2 Carbon Monoxide)	0.0153443	--
	FE BAG 2 (Bag 2 Fuel Economy)	25.5	25.5
	CH4 BAG 2 (Bag 2 Methane)	0	--
	NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0012092	--
	CO2 BAG 3 (Bag 3 Carbon Dioxide)	308.7435677	--
	CO BAG 3 (Bag 3 Carbon Monoxide)	0.0328584	--
	FE BAG 3 (Bag 3 Fuel Economy)	27.9	27.9
	CH4 BAG 3 (Bag 3 Methane)	0.0029313	--
	NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.0009927	--
	METHANE (CH4 - Methane)	0.0123306	--
	CO (Carbon Monoxide)	0.6587888	--
	DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.68	--
	DT-EER (Drive Trace Energy Economy Rating)	0.31	--
	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	3.19	--
	MFR FE (Manufacturer Fuel Economy)	24.8	24.8
	HC-NM (Non-methane Hydrocarbon)	0.1089444	--
	NMOG (Non-methane organic gases)	0.1199696	--
	HC-TOTAL (Total Hydrocarbon)	0.1188972	--
	Test Result Name	Unrounded Test Result	Verify Calculated CO2
	Carbon dioxide	347.3126273	--
Manufacturer Test Comments --			

Certification Summary Information Report

Test Group		TNSXT01.5E3K				Evaporative/Refueling Family				TNSXR0128PEA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	50,000 miles	Federal Tier 3 Bin 50	CO	0.66	--	--	--	0.00	--	0.7	10.0	Pass
Fed	120,000 miles	Federal Tier 3 Bin 50	HC-NM	0.11	--	--	--	0.00	--	0.1	0.3	Pass
CA	50,000 miles	California LEV-IV ULEV50	CO	0.66	--	--	--	0.00	--	0.7	10.0	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Test #	TNSX10093079	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	12/16/2025	Fuel	Gasoline
Fuel Batch ID	480555	Fuel Calibration Number	2
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4760	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.0004203	--
CO (Carbon Monoxide)	0.0102278	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	3.65	--
DT-EER (Drive Trace Energy Economy Rating)	0.24	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	4.29	--
MFR FE (Manufacturer Fuel Economy)	38.7	38.7
NOX (Nitrogen Oxide)	0.0019599	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--
HC-TOTAL (Total Hydrocarbon)	0.0003316	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	225.0166199	225

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	224.7668481	--

Manufacturer Test Comments --

Certification Summary Information Report

Test Group		TNSXT01.5E3K				Evaporative/Refueling Family				TNSXR0128PEA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	120,000 miles	Federal Tier 3 Bin 50	CREE	225	--	--	--	0.000000	--	225	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0000	1	1.03	--	0.0000	--	0.000	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0020	--	--	--	--	--	0.005	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0020	--	--	--	0.0031	--	0.005	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0000	1	1.03	--	0.0000	--	0.000	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0020	--	--	--	--	--	0.005	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0020	--	--	--	0.0031	--	0.005	999.999	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Test #	TNSX10093084	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	12/16/2025	Fuel	Gasoline
Fuel Batch ID	480555	Fuel Calibration Number	2
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4782	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	501.899496	--
CO BAG 1 (Bag 1 Carbon Monoxide)	0.29033	--
FE BAG 1 (Bag 1 Fuel Economy)	17.3	17.3
CH4 BAG 1 (Bag 1 Methane)	0.0032031	--
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0043496	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	301.9037461	--
CO BAG 2 (Bag 2 Carbon Monoxide)	0.1094296	--
FE BAG 2 (Bag 2 Fuel Economy)	28.8	28.8
CH4 BAG 2 (Bag 2 Methane)	0.0012362	--
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0027015	--
METHANE (CH4 - Methane)	0.0016719	--
CO (Carbon Monoxide)	0.1494993	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-1.51	--
DT-EER (Drive Trace Energy Economy Rating)	-0.34	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-2.82	--
MFR FE (Manufacturer Fuel Economy)	25.1	25.1
NOX (Nitrogen Oxide)	0.0050936	--
HC-NM (Non-methane Hydrocarbon)	0.0029773	--
NMOG (Non-methane organic gases)	0.0030666	--
PM (Particulate Matter)	0.0006804	--
HC-TOTAL (Total Hydrocarbon)	0.0046264	--

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
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Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	346.2031674	--

Manufacturer Test Comments --

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 50	CO	0.1495	--	--	--	0.00	--	0.150	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0031	1	1.03	--	0.0000	--	0.003	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0051	--	--	--	0.0031	--	0.008	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	PM	0.0007	--	--	--	0.0000	--	0.001	0.006	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.15	--	--	--	0.00	--	0.2	9.6	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0031	1	1.03	--	0.0000	--	0.003	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0082	--	--	--	--	--	0.011	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0051	--	--	--	0.0031	--	0.008	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	PM	0.0007	--	--	--	0.0000	--	0.001	0.006	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Test #	TNSX10093082	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	12/17/2025	Fuel	Gasoline
Fuel Batch ID	480555	Fuel Calibration Number	2
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4798	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.0022334	--
CO (Carbon Monoxide)	0.0166933	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.3	--
DT-EER (Drive Trace Energy Economy Rating)	-0.26	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.04	--
MFR FE (Manufacturer Fuel Economy)	27.2	27.2
NOX (Nitrogen Oxide)	0.0104906	--
HC-NM (Non-methane Hydrocarbon)	0.0004007	--
NMOG (Non-methane organic gases)	0.0004127	--
HC-TOTAL (Total Hydrocarbon)	0.0026038	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	319.8818042	--

Manufacturer Test Comments --

Certification Summary Information Report

Test Group		TNSXT01.5E3K				Evaporative/Refueling Family				TNSXR0128PEA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 50	CO	0.0167	--	--	--	0.00	--	0.017	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0004	1	1.03	--	0.0000	--	0.000	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0105	--	--	--	0.0031	--	0.014	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	CO	0.02	--	--	--	0.00	--	0.0	1.7	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0004	1	1.03	--	0.0000	--	0.000	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0109	--	--	--	--	--	0.014	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0105	--	--	--	0.0031	--	0.014	999.999	Pass

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
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Emission Data Vehicle Information

Vehicle ID / Configuration	CTBQ82 / 1	Manufacturer Vehicle Configuration Number	1
Original Test Group Name	TNSXT01.5E3K	Original Evaporative/Refueling Family	TNSXR0128PEA
Original Test Vehicle Model Year	2026		
Vehicle Model			
Represented Test Vehicle Make	NISSAN	Represented Test Vehicle Model	ROGUE AWD ROCK CREEK

Leak Family Details

Leak Family Identifier	001	Leak Family Name	TNSXR0128PEA-001
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Drive Sources and Fuel System Details

Drive Source and Fuel#	Drive Source	Fuel
1	Combustion Engine	Gasoline

Hybrid Indicator	No		
Multiple Fuel Storage	--	Multiple Fuel Combustion	--
Fuel Cell Indicator	--	Rechargeable Energy Storage System Indicator	--
Rechargeable Energy Storage System	--	Rechargeable Energy Storage System, if 'Other'	--
Off-board charge Capable Indicator	--		
Odometer Correction -- Initial	4	Odometer Correction Factor	0.98
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor		
Odometer Correction Units	Miles		
Engine Code	AR15DAC7	Rated Horsepower	201
Displacement (liters)	1.5		
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'	
Number of Air Aspiration Devices	1	Air Aspiration Device Configuration	Single
Charge Air Cooler Type	Liquid	Drive Mode While Testing	2-Wheel Drive, Front
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)
Curb Weight (lbs)	3715	Equivalent Test Weight (pounds)	4000
GVWR (lbs)	4773	N/V Ratio	25
Axle Ratio	5.68		
Transmission Type	Selectable Continuously Variable (e.g. CVT with paddles)	# of Transmission Gears	8
Transmission Lockup	Yes	Creep Gear	No

Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	44.88	-0.2806	0.02955	19.31	-0.1426	0.02654	14

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Emission Control Device Comments	--		
Manufacturer Test Vehicle Comments	NORMAL mode.		

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Test #	TNSX10093077	Test Procedure	21 - Federal fuel 2-day exhaust (w/can load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	61 - Tier 2 Cert Gasoline
Test Date	01/16/2026	Fuel	Gasoline
Fuel Batch ID	610586	Fuel Calibration Number	1
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5058	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.0061556	--
CO (Carbon Monoxide)	0.0546257	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-1.27	--
DT-EER (Drive Trace Energy Economy Rating)	-0.4	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-1.04	--
MFR FE (Manufacturer Fuel Economy)	36.8	36.8
NOX (Nitrogen Oxide)	0.012252	--
HC-NM (Non-methane Hydrocarbon)	0.0058765	--
NMOG (Non-methane organic gases)	0.006054	--
HC-TOTAL (Total Hydrocarbon)	0.0119512	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	242.1166159	242

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	242.414344	--

Manufacturer Test Comments --

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
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Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	120,000 miles	Federal Tier 3 Bin 50	CREE	242	--	--	--	0.000000	--	242	--	--

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Test #	TNSX10093078	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	61 - Tier 2 Cert Gasoline
Test Date	12/12/2025	Fuel	Gasoline
Fuel Batch ID	610586	Fuel Calibration Number	1
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	DF Type	Mfr. Determined
Verify Test Lab ID	560-2 Okatsukoku		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4718	Odometer Units	M
4WD Test Dyno	No	Diesel Adjustment Factor Usage	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
METHANE (CH4 - Methane)	0.0008797	--
CO (Carbon Monoxide)	0.00383	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	2.4	--
DT-EER (Drive Trace Energy Economy Rating)	-0.21	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	3.07	--
MFR FE (Manufacturer Fuel Economy)	46.8	46.8
NOX (Nitrogen Oxide)	0.0024152	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--
HC-TOTAL (Total Hydrocarbon)	0.0008294	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	190.0025377	190

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	190.219456	--

Manufacturer Test Comments --

Certification Summary Information Report

Test Group		TNSXT01.5E3K				Evaporative/Refueling Family				TNSXR0128PEA		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	120,000 miles	Federal Tier 3 Bin 50	CREE	190	--	--	--	0.000000	--	190	--	--
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG	0.0000	1	1.03	--	0.0000	--	0.000	999.999	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NMOG+NOX	0.0024	--	--	--	--	--	0.006	0.050	Pass
Fed	150,000 miles	Federal Tier 3 Bin 50	NOX	0.0024	--	--	--	0.0031	--	0.006	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG	0.0000	1	1.03	--	0.0000	--	0.000	999.999	Pass
CA	150,000 miles	California LEV-IV ULEV50	NMOG+NOX	0.0024	--	--	--	--	--	0.006	0.050	Pass
CA	150,000 miles	California LEV-IV ULEV50	NOX	0.0024	--	--	--	0.0031	--	0.006	999.999	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Fuel Properties			
Fuel Batch ID	480555	Fuel Calibration Number	2
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	11/01/2025
Fuel Batch Calibration Effective Date	11/01/2025	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.745
Fuel Ethanol Volume Percent (%)	9.6	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.414	Fuel Carbon Mass Fraction (E10)	0.828
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	280406	Fuel Calibration Number	2
Test Fuel Type	28 - Cold CO E10 Regular Gasoline (Tier 3)	Fuel Batch Calibration Date	12/16/2024
Fuel Batch Calibration Effective Date	12/16/2024	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.743
Fuel Ethanol Volume Percent (%)	10	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.728	Fuel Carbon Mass Fraction (E10)	0.825
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	610586	Fuel Calibration Number	1
Test Fuel Type	61 - Tier 2 Cert Gasoline	Fuel Batch Calibration Date	09/15/2025
Fuel Batch Calibration Effective Date	09/15/2025	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.742
Fuel Ethanol Volume Percent (%)	--	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	18454
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.866	Weight Fraction CO2	--
Fuel Batch ID	WH9-12	Fuel Calibration Number	9999
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	08/19/2019
Fuel Batch Calibration Effective Date	08/19/2019	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	--
Fuel Ethanol Volume Percent (%)	9.9	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	WE0A04	Fuel Calibration Number	1
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	07/16/2020
Fuel Batch Calibration Effective Date	07/16/2020	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.742
Fuel Ethanol Volume Percent (%)	9.8	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17838
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.826	Weight Fraction CO2	--
Fuel Batch ID	WG0A06	Fuel Calibration Number	1
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	10/08/2020
Fuel Batch Calibration Effective Date	10/08/2020	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.742
Fuel Ethanol Volume Percent (%)	9.8	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17838
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.825	Weight Fraction CO2	--
Fuel Batch ID	WL8-04	Fuel Calibration Number	1
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	10/14/2019
Fuel Batch Calibration Effective Date	10/14/2019	Fuel Batch Calibration Ineffective Date	--
Carbon Weight Fraction NMHC	--	Carbon Weight Fraction HC	--
Exhaust Carbon Weight Fraction	--	Fuel Methanol Volume Fraction	--
Fuel Density (grams/cubic ft)	--	Fuel Specific Gravity	0.739
Fuel Ethanol Volume Percent (%)	9.9	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17815
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.826	Weight Fraction CO2	--

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
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Consolidated List of Standards

Exhaust Standards

Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	Standard Level	California LEV-IV ULEV50
Fuel	Gasoline	Test Procedure	SC03

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0.00	1.7
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0000	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999

Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	Standard Level	California LEV-IV ULEV50
Fuel	Gasoline	Test Procedure	HWFE

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0000	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999

Cert Region	California + CAA Section 177 states	Cert/In-Use Code	Cert
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)	Standard Level	California LEV-IV ULEV50
Fuel	Gasoline	Test Procedure	US06

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0.00	9.6
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0000	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.006

Certification Summary Information Report

Test Group		TNSXT01.5E3K			Evaporative/Refueling Family			TNSXR0128PEA		
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDT1 (LVW-3750, GVW 0-6000)			Standard Level			California LEV-IV ULEV50		
Fuel		Gasoline			Test Procedure			Federal fuel 3-day exhaust		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CO	--	--	--	--	--	--	0.00	1.7	
150,000 miles	METHANE	--	--	--	--	--	--	0.0000	0.030	
150,000 miles	N2O	--	--	--	--	--	--	0.0000	0.010	
150,000 miles	NMOG	--	1	1.09836	--	--	--	0.0000	999.999	
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050	
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999	
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.001	

Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDT1 (LVW-3750, GVW 0-6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel		Gasoline			Test Procedure			SC03		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CO	--	--	--	--	--	--	0.00	999.999	
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0000	999.999	
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999	

Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDT1 (LVW-3750, GVW 0-6000)			Standard Level			California LEV-IV ULEV50		
Fuel		Gasoline			Test Procedure			Cold CO		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
50,000 miles	CO	--	--	--	--	--	--	0.00	10.0	

Certification Summary Information Report

Test Group	TNSXT01.5E3K			Evaporative/Refueling Family			TNSXR0128PEA		
Cert Region	California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)			Standard Level			California LEV-IV ULEV50		
Fuel	Gasoline			Test Procedure			Fed. fuel 50 F exh.		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
4,000 miles	CO	--	--	--	--	--	--	0	1.7
4,000 miles	NMOG	--	1	1.09836	--	--	--	0	999.999
4,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.100
4,000 miles	NOX	--	--	--	--	--	--	0	999.999

Cert Region	Federal			Cert/In-Use Code			Cert		
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel	Gasoline			Test Procedure			Cold CO		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
50,000 miles	CO	--	--	--	--	--	--	0.00	10.0
120,000 miles	HC-NM	--	--	--	--	--	--	0.00	0.3

Cert Region	Federal			Cert/In-Use Code			Cert		
Vehicle Class	LDT1 (LVW-3750, GVW 0-6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel	Gasoline			Test Procedure			Federal fuel 3-day exhaust		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
120,000 miles	CREE	--	--	--	--	--	--	0.000000	999.999
120,000 miles	METHANE	--	--	--	--	--	--	0.0000	0.030
120,000 miles	N2O	--	--	--	--	--	--	0.0000	0.010
150,000 miles	CO	--	--	--	--	--	--	0.00	1.7
150,000 miles	CO-COMP	--	--	--	--	--	--	0	4.2
150,000 miles	NMOG	--	1	1.09836	--	--	--	0.0000	999.999
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0.080
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.003

Certification Summary Information Report

Test Group		TNSXT01.5E3K			Evaporative/Refueling Family			TNSXR0128PEA		
Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDT1 (LVW-3750, GVW 0-6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel		Gasoline			Test Procedure			US06		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CO	--	--	--	--	--	--	0.00	999.999	
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0000	999.999	
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999	
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.006	

Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDT1 (LVW-3750, GVW 0-6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel		Gasoline			Test Procedure			HWFE		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
120,000 miles	CREE	--	--	--	--	--	--	0.000000	999.999	
150,000 miles	NMOG	--	1	1.03	--	--	--	0.0000	999.999	
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0	0.050	
150,000 miles	NOX	--	--	--	--	--	--	0.0031	999.999	

Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDT1 (LVW-3750, GVW 0-6000)			Standard Level			Federal Tier 3 Bin 50		
Fuel		Gasoline			Test Procedure			Federal fuel 2-day exhaust (w/can load)		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
120,000 miles	CREE	--	--	--	--	--	--	0.000000	999.999	

Evaporative/Refueling Standards

Evaporative/Refueling Family		TNSXR0128PEA			Cert Region			Federal		
Cert/In-Use Code		Cert			Standard Level			Federal Tier 3 Evap		
Test Procedure		California fuel 2-day evap								
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF					
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.400	0.0000					

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA		
Evaporative/Refueling Family	TNSXR0128PEA	Cert Region	California + CAA Section 177 states California LEV-IV Zero Evap (Option 2)		
Cert/In-Use Code	Cert	Standard Level			
Test Procedure	California fuel 2-day evap				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.400	0.0000
Evaporative/Refueling Family	TNSXR0128PEA	Cert Region	Federal		
Cert/In-Use Code	Cert	Standard Level	Federal Tier 3 Evap		
Test Procedure	California Fuel Running Loss				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.05	0.000
Evaporative/Refueling Family	TNSXR0128PEA	Cert Region	California + CAA Section 177 states California LEV-IV Zero Evap (Option 2)		
Cert/In-Use Code	Cert	Standard Level			
Test Procedure	California Fuel Running Loss				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.05	0.000
Evaporative/Refueling Family	TNSXR0128PEA	Cert Region	California + CAA Section 177 states California LEV-IV Zero Evap (Option 2)		
Cert/In-Use Code	Cert	Standard Level			
Test Procedure	CA fuel 3-day evap.				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.400	0.0000
Evaporative/Refueling Family	TNSXR0128PEA	Cert Region	California + CAA Section 177 states California LEV-IV Zero Evap (Option 2)		
Cert/In-Use Code	Cert	Standard Level			
Test Procedure	Federal fuel refueling test (ORVR)				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.20	0.016

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA		
Evaporative/Refueling Family	TNSXR0128PEA	Cert Region	Federal		
Cert/In-Use Code	Cert	Standard Level	Federal Tier 3 Evap		
Test Procedure	Evap Canister Bleed Test				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.020	0.0000
Evaporative/Refueling Family	TNSXR0128PEA	Cert Region	Federal		
Cert/In-Use Code	Cert	Standard Level	Federal Tier 3 Evap		
Test Procedure	Federal fuel refueling test (ORVR)				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.20	0.016
Evaporative/Refueling Family	TNSXR0128PEA	Cert Region	Federal		
Cert/In-Use Code	Cert	Standard Level	Federal Tier 3 Evap		
Test Procedure	CA fuel 3-day evap.				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.400	0.0000
Evaporative/Refueling Family	TNSXR0128PEA	Cert Region	California + CAA Section 177 states California LEV-IV Zero Evap (Option 2)		
Cert/In-Use Code	Cert	Standard Level			
Test Procedure	Evap Canister Bleed Test				
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.020	0.0000

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
Glossary			
Useful Life			
4	4,000 miles	120	120,000 miles
50	50,000 miles	150	150,000 miles
100	100,000 miles		
Emission Name			
HC-TOTAL	Total Hydrocarbon	COMB-CREE	Combined Carbon-Related Exhaust Emissions
CO	Carbon Monoxide	COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions
CO2	Carbon dioxide	HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only
CREE	Carbon-Related Exhaust Emissions	METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only
OPT-CREE	Optional Carbon-Related Exhaust Emissions	N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only
NOX	Nitrogen Oxide	LEAK-DIA	Effective Leak Diameter (inches)
PM	Particulate Matter	LEAK-GAS CAP	Gas Cap Leakage (cc/min)
PM-COMP	SFTP Composite Particulate Matter	CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only
HC-NM	Non-methane Hydrocarbon	KW-HRS	Integrated DC KW-HRS
OMHCE	Organic material Hydrocarbon Equivalent	CH4 BAG 1	Bag 1 Methane
OMNMHCE	Organic material non-methane HC equivalent	CH4 BAG 2	Bag 2 Methane
NMOG	Non-methane organic gases	CH4 BAG 3	Bag 3 Methane
HCHO	Formaldehyde	CH4 BAG 4	Bag 4 Methane
H3C2HO	Acetaldehyde	CO BAG 1	Bag 1 Carbon Monoxide
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03	CO BAG 2	Bag 2 Carbon Monoxide
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides	CO BAG 3	Bag 3 Carbon Monoxide
CO-COMP	SFTP Composite Carbon Monoxide	CO BAG 4	Bag 4 Carbon Monoxide
ETHANOL	C2H5OH - Ethanol	NMOG BAG 1	Bag 1 Non-methane organic gases
FE BAG 1	Bag 1 Fuel Economy	NMOG BAG 2	Bag 2 Non-methane organic gases
FE BAG 2	Bag 2 Fuel Economy	NMOG BAG 3	Bag 3 Non-methane organic gases
FE BAG 3	Bag 3 Fuel Economy	NMOG BAG 4	Bag 4 Non-methane organic gases
FE BAG 4	Bag 4 Fuel Economy	ACT-DISTANCE BAG 1	Bag 1 Actual Distance
MFR FE	Manufacturer Fuel Economy	ACT-DISTANCE BAG 2	Bag 2 Actual Distance
HC	Hydrocarbon for Running Loss and ORVR	ACT-DISTANCE BAG 3	Bag 3 Actual Distance
METHANE	CH4 - Methane	ACT-DISTANCE BAG 4	Bag 4 Actual Distance
METHANOL	CH3OH - Methanol	HC-TOTAL BAG 1	Bag 1 Total Hydrocarbon
N2O	Nitrous Oxide	HC-TOTAL BAG 2	Bag 2 Total Hydrocarbon
SPITBACK	Spitback Hydrocarbon in grams	HC-TOTAL BAG 3	Bag 3 Total Hydrocarbon
AMP-HRS	Integrated Amp-hours	HC-TOTAL BAG 4	Bag 4 Total Hydrocarbon
START-SOC	System Start State of Charge Watt-hours	WATT-HRS BAG 1	Bag 1 Watt Hours
END-SOC	System End State of Charge Watt-hours	WATT-HRS BAG 2	Bag 2 Watt Hours

Certification Summary Information Report

Test Group		TNSXT01.5E3K	Evaporative/Refueling Family		TNSXR0128PEA
ACT-DISTANCE	Actual Distance Driven (miles)		WATT-HRS BAG 3	Bag 3 Watt Hours	
AS-VOLT	Average System Voltage		WATT-HRS BAG 4	Bag 4 Watt Hours	
CO2 BAG 1	Bag 1 Carbon Dioxide		WATT-HRS	Watt Hours	
CO2 BAG 2	Bag 2 Carbon Dioxide		HC-NM BAG 1	Bag 1 Non-methane Hydrocarbon	
CO2 BAG 3	Bag 3 Carbon Dioxide		HC-NM BAG 2	Bag 2 Non-methane Hydrocarbon	
CO2 BAG 4	Bag 4 Carbon Dioxide		HC-NM BAG 3	Bag 3 Non-methane Hydrocarbon	
NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides		HC-NM BAG 4	Bag 4 Non-methane Hydrocarbon	
NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides		N2O BAG 1	Bag 1 Nitrous Oxide	
DT-IWRR	Drive Trace Inertia Work Ratio Rating		N2O BAG 2	Bag 2 Nitrous Oxide	
DT-ASCR	Drive Trace Absolute Speed Change Rating		N2O BAG 3	Bag 3 Nitrous Oxide	
DT-EER	Drive Trace Energy Economy Rating		N2O BAG 4	Bag 4 Nitrous Oxide	
Certification Region					
CA	California + CAA Section 177 states		FA	Federal	
Exhaust Emission Standard Level					
B1	Federal Tier 2 Bin 1		HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340	
B2	Federal Tier 2 Bin 2		HDV2B250	Federal Tier 3 HD Class 2b Bin 250	
B3	Federal Tier 2 Bin 3		HDV2B200	Federal Tier 3 HD Class 2b Bin 200	
B4	Federal Tier 2 Bin 4		HDV2B170	Federal Tier 3 HD Class 2b Bin 170	
B5	Federal Tier 2 Bin 5		HDV2B150	Federal Tier 3 HD Class 2b Bin 150	
B6	Federal Tier 2 Bin 6		HDV2B0	Federal Tier 3 HD Class 2b Bin 0	
B7	Federal Tier 2 Bin 7		HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630	
B8	Federal Tier 2 Bin 8		HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570	
B9	Federal Tier 2 Bin 9		HDV3B400	Federal Tier 3 HD Class 3 Bin 400	
B10	Federal Tier 2 Bin 10		HDV3B270	Federal Tier 3 HD Class 3 Bin 270	
B11	Federal Tier 2 Bin 11		HDV3B230	Federal Tier 3 HD Class 3 Bin 230	
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)		HDV3B200	Federal Tier 3 HD Class 3 Bin 200	
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)		HDV3B0	Federal Tier 3 HD Class 3 Bin 0	
L2	California LEV-II LEV		L4SULEV100	California LEV-IV SULEV100	
L2OP	California LEV-II LEV Optional		L4SULEV125	California LEV-IV SULEV125	
U2	California LEV-II ULEV		L4SULEV15	California LEV-IV SULEV15	
S2	California LEV-II SULEV		L4SULEV150	California LEV-IV SULEV150	
ZEV	California ZEV		L4SULEV170	California LEV-IV SULEV170	
OT	Other		L4SULEV175	California LEV-IV SULEV175	
T1	Federal Tier 1		L4SULEV20	California LEV-IV SULEV20	
PZEV	California PZEV		L4SULEV200	California LEV-IV SULEV200	
L2LEV160	California LEV-II LEV160		L4SULEV230	California LEV-IV SULEV230	
L2ULEV125	California LEV-II ULEV125		L4SULEV25	California LEV-IV SULEV25	
L2SULEV30	California LEV-II SULEV30		L4SULEV30	California LEV-IV SULEV30	
L2LEV395	California LEV-II LEV395		L4SULEV75	California LEV-IV SULEV75	

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family	TNSXR0128PEA
L2ULEV340	California LEV-II ULEV340	L4SULEV85	California LEV-IV SULEV85
L2LEV630	California LEV-II LEV630	L4ULEV125	California LEV-IV ULEV125
L2ULEV570	California LEV-II ULEV570	L4ULEV200	California LEV-IV ULEV200
L3LEV160	California LEV-III LEV160	L4ULEV250	California LEV-IV ULEV250
L3ULEV125	California LEV-III ULEV125	L4ULEV270	California LEV-IV ULEV270
L3ULEV70	California LEV-III ULEV70	L4ULEV40	California LEV-IV ULEV40
L3ULEV50	California LEV-III ULEV50	L4ULEV400	California LEV-IV ULEV400
L3SULEV30	California LEV-III SULEV30	L4ULEV50	California LEV-IV ULEV50
L3SULEV20	California LEV-III SULEV20	L4ULEV60	California LEV-IV ULEV60
L3LEV395	California LEV-III LEV395	L4ULEV70	California LEV-IV ULEV70
L3ULEV340	California LEV-III ULEV340	T4B170	Federal Tier 4 MDV Bin 170
L3ULEV250	California LEV-III ULEV250	T4B150	Federal Tier 4 MDV Bin 150
L3ULEV200	California LEV-III ULEV200	T4B125	Federal Tier 4 MDV Bin 125
L3SULEV170	California LEV-III SULEV170	T4B100	Federal Tier 4 MDV Bin 100
L3SULEV150	California LEV-III SULEV150	T4B85	Federal Tier 4 MDV Bin 85
L3LEV630	California LEV-III LEV630	T4B75	Federal Tier 4 MDV Bin 75
L3ULEV570	California LEV-III ULEV570	T4B70	Federal Tier 4 Bin 70
L3ULEV400	California LEV-III ULEV400	T4B65	Federal Tier 4 Bin 65
L3ULEV270	California LEV-III ULEV270	T4B60	Federal Tier 4 Bin 60
L3SULEV230	California LEV-III SULEV230	T4B55	Federal Tier 4 Bin 55
L3SULEV200	California LEV-III SULEV200	T4B50	Federal Tier 4 Bin 50
T3B160	Federal Tier 3 Bin 160	T4B45	Federal Tier 4 Bin 45
T3B125	Federal Tier 3 Bin 125	T4B40	Federal Tier 4 Bin 40
T3B110	Federal Tier 3 Transitional Bin 110	T4B35	Federal Tier 4 Bin 35
T3B85	Federal Tier 3 Transitional Bin 85	T4B30	Federal Tier 4 Bin 30
T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover	T4B25	Federal Tier 4 Bin 25
T3B70	Federal Tier 3 Bin 70	T4B20	Federal Tier 4 Bin 20
T3B50	Federal Tier 3 Bin 50	T4B15	Federal Tier 4 Bin 15
T3B30	Federal Tier 3 Bin 30	T4B10	Federal Tier 4 Bin 10
T3B20	Federal Tier 3 Bin 20	T4B5	Federal Tier 4 Bin 5
T3B0	Federal Tier 3 Bin 0	T4B0	Federal Tier 4 Bin 0
HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395		
Transmission Type Code			
AMS	Automated Manual- Selectable (e.g. Automated Manual with paddles)	M	Manual
A	Automatic	OT	Other
AM	Automated Manual	SA	Semi-Automatic
CVT	Continuously Variable	SCV	Selectable Continuously Variable (e.g. CVT with paddles)
Drive System Code			
4	4-Wheel Drive	P	Part-time 4-Wheel Drive

Certification Summary Information Report

Test Group	TNSXT01.5E3K	Evaporative/Refueling Family		TNSXR0128PEA
F	2-Wheel Drive, Front	A	All Wheel Drive	
R	2-Wheel Drive, Rear			
Additional Terms and Acronyms				
AFC	Alternative Fuel Converter	ICI	Independent Commercial Importer	
CSI	Certificate Summary Information	ORVR	Onboard Refueling Vapor Recovery	
DF	Deterioration Factor	SIL	Shift Indicator Light	
Evap	Evaporation, Evaporative	Trans	Transmission	

9. OBD System Description

Refer to the confidential section.

10. Description of Alternate-fueled Vehicles

N.A.

11. AECD Description

Refer to the confidential section.

TNSXT01.5E3K

Issue date: Refer to cover page

Revision date:

SEC12(2)-(c)

12. Description of Vehicles Covered by Certificate and Test Parameter

(2) Shifting

(c) Manual transmission

N.A.

TNSXT01.5E3K

Issue date: Refer to cover page

Revision date:

SEC12(3)

12. Description of Vehicles Covered by Certificate and Test Parameters

(3) List of Certified Vehicles

Durability Group TNSXGPGNNAAM
 Test Group TNSXT01.5E3K

Evap. Family	Fuel	Carline	Trim Line	Trans./OD	GVWR (lbs)	ETW (lbs)	Engine Code	Emission Control System					Engine Displ. (L)	Valves cyl.		SIL	Fuel Tank Vol. (gal)	Other	Vehicle Category	Sales Area		
								Cat	EGR	Air	Fuel sys	Aspiration		Other	Intake					Exhaust	50S	CAN
TNSXR0128PDA	Gasoline	ROGUE FWD	S	CVT / Yes	4641	3750	AR15DAC1	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Federal LDT1 / California LDT1	X	
TNSXR0128PEA		ROGUE AWD ROCK CREEK	ROCK CREEK	CVT / Yes	4773	4000	AR15DAC7	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Federal LDT2 / California LDT2	X	
		ROGUE AWD	DARK ARMOR	CVT / Yes	4773	4000	AR15DAC3	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Federal LDT2 / California LDT2	X	
			PLATINUM	CVT / Yes	4773	4000	AR15DAC3	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Federal LDT2 / California LDT2	X	
			S	CVT / Yes	4773	3875	AR15DAC3	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Federal LDT2 / California LDT2	X	
			SL	CVT / Yes	4773	4000	AR15DAC3	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Federal LDT2 / California LDT2	X	
			SV	CVT / Yes	4773	4000	AR15DAC3	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Federal LDT2 / California LDT2	X	
		ROGUE FWD	DARK ARMOR	CVT / Yes	4641	3875	AR15DAC1	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Federal LDT2 / California LDT2	X	
			SL	CVT / Yes	4641	3875	AR15DAC1	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Federal LDT2 / California LDT2	X	
			SV	CVT / Yes	4641	3875	AR15DAC1	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Federal LDT2 / California LDT2	X	
		ROGUE AWD ROCK CREEK	ROCK CREEK	CVT / Yes	4718	4000	AR15DAC7	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Canada LDT2		X
		ROGUE AWD	PLATINUM	CVT / Yes	4817	4000	AR15DAC3	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Canada LDT2		X
			S	CVT / Yes	4718	3875	AR15DAC3	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Canada LDT2		X
			SL	CVT / Yes	4817	4000	AR15DAC3	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Canada LDT2		X
			SV	CVT / Yes	4718	4000	AR15DAC3	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Canada LDT2		X
		ROGUE FWD	S	CVT / Yes	4564	3750	AR15DAC1	TWC	Electric	N.A.	DFI	TC	N.A.	1.5	2	2	N.A.	14.5	*1	Canada LDT2		X

*1 Refer to Type B of SEC16(11).

TNSXT01.5E3K

Issue date: Refer to cover page

Revision date:

SEC12(4)-1

12. Description of Vehicles Covered by Certificate and Test Parameters

(4) Test Parameter

Durability Group TNSXGPGNNAAM
 Test Group TNSXT01.5E3K

Carline	Trim Line	Trans.	ETW (lbs)	Tire		Axle Ratio	N/V Ratio	TRLHP	Coastdown Time (sec.)	Single Roll Dyno Terms			Shift Schedule ID		Test Proc	Cooling Fan Config	Special Test Proc	Sales Area	
				Size	Type					A	B	C	City	Hwy				50S	CAN
ROGUE AWD	DARK ARMOR	CVT	4000	235/55R19	All season	5.676	24.6	13.4	18.50	41.46	-0.1932	0.02743	FTA	HWA	Part1066	*1	*2*3*4*5	X	
	PLATINUM	CVT	4000	235/55R19	All season	5.676	24.6	13.4	18.50	41.46	-0.1932	0.02743	FTA	HWA	Part1066	*1	*2*3*4*5	X	X
	S	CVT	3875	235/65R17	All season	5.676	25.0	12.6	19.08	35.02	-0.2337	0.02840	FTA	HWA	Part1066	*1	*2*3*4*5	X	X
	SL	CVT	4000	235/55R19	All season	5.676	24.6	13.4	18.50	41.46	-0.1932	0.02743	FTA	HWA	Part1066	*1	*2*3*4*5	X	X
	SV	CVT	4000	235/55R19	All season	5.676	24.6	13.4	18.50	41.46	-0.1932	0.02743	FTA	HWA	Part1066	*1	*2*3*4*5		X
	SV	CVT	4000	235/60R18	All season	5.676	24.8	13.1	18.92	36.91	-0.1619	0.02773	FTA	HWA	Part1066	*1	*2*3*4*5	X	X
ROGUE FWD	SV	CVT	4000	235/65R17	All season	5.676	25.0	13.1	18.92	36.91	-0.1619	0.02773	FTA	HWA	Part1066	*1	*2*3*4*5	X	
	DARK ARMOR	CVT	3875	235/55R19	All season	5.676	24.6	12.9	18.60	37.61	-0.0673	0.02498	FTA	HWA	Part1066	*1	*3*4*5	X	
	S	CVT	3750	235/65R17	All season	5.676	25.0	12.5	18.58	34.62	-0.1110	0.02585	FTA	HWA	Part1066	*1	*3*4*5	X	X
	SL	CVT	3875	235/55R19	All season	5.676	24.6	12.9	18.60	37.61	-0.0673	0.02498	FTA	HWA	Part1066	*1	*3*4*5	X	
	SV	CVT	3875	235/60R18	All season	5.676	24.8	12.8	18.71	34.79	-0.0376	0.02530	FTA	HWA	Part1066	*1	*3*4*5	X	
ROGUE AWD ROCK CREEK	ROCK CREEK	CVT	4000	235/65R17	All Terrain	5.676	25.0	14.0	17.73	44.88	-0.2806	0.02955	FTA	HWA	Part1066	*1	*2*3*4*5	X	X

- *1 The road speed fan to all test cycles.
- *2 Remove the rear propeller shaft. Then test as the front wheel drive vehicle.
- *3 Set in maintenance mode. Refer to Type C of SEC16(10)-3.
- *4 If engine is started, turn off the VDC system within 10 seconds always.
- *5 Cancel the automatic P position function by Nissan development tool.

TNSXT01.5E3K

Issue date: Refer to cover page

Revision date:

SEC12(4)-2

12. Description of Vehicles Covered by Certificate and Test Parameters

(4) Test Parameter

Durability Group TNSXGPGNNAAM
 Test Group TNSXT01.5E3K

Fuel Temperature Profile at the Running Loss Testing (for EPA)

Time (min.)	Temperature (degree F)	Time (min.)	Temperature (degree F)	Time (min.)	Temperature (degree F)	Time (min.)	Temperature (degree F)	Time (min.)	Temperature (degree F)	Time (min.)	Temperature (degree F)
0.0	95.0	13.0	98.4	26.0	102.9	39.0	108.7	52.0	113.7	65.0	117.1
0.5	95.2	13.5	98.4	26.5	103.1	39.5	108.7	52.5	113.9	65.5	117.1
1.0	95.2	14.0	99.0	27.0	103.5	40.0	108.9	53.0	114.1	66.0	117.3
1.5	95.5	14.5	99.1	27.5	103.6	40.5	109.2	53.5	114.1	66.5	117.3
2.0	95.5	15.0	99.3	28.0	103.8	41.0	109.4	54.0	114.3	67.0	117.3
2.5	95.7	15.5	99.3	28.5	104.2	41.5	109.6	54.5	114.6	67.5	117.5
3.0	95.7	16.0	99.3	29.0	104.2	42.0	110.1	55.0	114.8	68.0	117.7
3.5	95.9	16.5	99.7	29.5	104.2	42.5	110.1	55.5	114.8	68.5	117.7
4.0	95.9	17.0	99.7	30.0	104.7	43.0	110.5	56.0	114.8	69.0	117.9
4.5	96.1	17.5	100.0	30.5	104.7	43.5	110.7	56.5	115.0	69.5	118.0
5.0	96.3	18.0	100.0	31.0	104.9	44.0	110.8	57.0	115.2	70.0	118.2
5.5	96.4	18.5	100.4	31.5	105.1	44.5	111.0	57.5	115.5	70.5	118.2
6.0	96.4	19.0	100.6	32.0	105.6	45.0	111.2	58.0	115.5	71.0	118.2
6.5	96.6	19.5	100.6	32.5	105.6	45.5	111.4	58.5	115.5	71.5	118.2
7.0	96.6	20.0	100.9	33.0	106.0	46.0	111.4	59.0	115.7	72.0	118.6
7.5	96.8	20.5	101.1	33.5	106.0	46.5	111.7	59.5	116.1		
8.0	97.0	21.0	101.3	34.0	106.5	47.0	111.9	60.0	116.1		
8.5	97.2	21.5	101.3	34.5	106.5	47.5	112.1	60.5	116.2		
9.0	97.3	22.0	101.7	35.0	106.5	48.0	112.6	61.0	116.4		
9.5	97.3	22.5	101.8	35.5	106.9	48.5	112.6	61.5	116.4		
10.0	97.5	23.0	102.0	36.0	107.1	49.0	112.6	62.0	116.4		
10.5	97.7	23.5	102.0	36.5	107.4	49.5	112.8	62.5	116.6		
11.0	97.9	24.0	102.2	37.0	107.8	50.0	113.2	63.0	116.6		
11.5	97.9	24.5	102.4	37.5	107.8	50.5	113.5	63.5	116.6		
12.0	98.2	25.0	102.7	38.0	108.3	51.0	113.5	64.0	116.8		
12.5	98.4	25.5	102.7	38.5	108.3	51.5	113.7	64.5	117.1		

TNSXT01.5E3K

Issue date: Refer to cover page

Revision date:

SEC12(4)-3

12. Description of Vehicles Covered by Certificate and Test Parameters

(4) Test Parameter

Durability Group TNSXGPGNNAAM

Test Group TNSXT01.5E3K

Fuel Temperature Profile at the Running Loss Testing (for ARB)

Time (min.)	Temperature (degree F)	Time (min.)	Temperature (degree F)	Time (min.)	Temperature (degree F)	Time (min.)	Temperature (degree F)	Time (min.)	Temperature (degree F)	Time (min.)	Temperature (degree F)
0.0	105.1	13.0	108.5	26.0	113.0	39.0	118.8	52.0	123.8	65.0	127.2
0.5	105.3	13.5	108.5	26.5	113.2	39.5	118.8	52.5	124.0	65.5	127.2
1.0	105.3	14.0	109.0	27.0	113.5	40.0	118.9	53.0	124.2	66.0	127.4
1.5	105.6	14.5	109.2	27.5	113.7	40.5	119.3	53.5	124.2	66.5	127.4
2.0	105.6	15.0	109.4	28.0	113.9	41.0	119.5	54.0	124.3	67.0	127.4
2.5	105.8	15.5	109.4	28.5	114.3	41.5	119.7	54.5	124.7	67.5	127.6
3.0	105.8	16.0	109.4	29.0	114.3	42.0	120.2	55.0	124.9	68.0	127.8
3.5	106.0	16.5	109.8	29.5	114.3	42.5	120.2	55.5	124.9	68.5	127.8
4.0	106.0	17.0	109.8	30.0	114.8	43.0	120.6	56.0	124.9	69.0	127.9
4.5	106.2	17.5	110.1	30.5	114.8	43.5	120.7	56.5	125.1	69.5	128.1
5.0	106.3	18.0	110.1	31.0	115.0	44.0	120.9	57.0	125.2	70.0	128.3
5.5	106.5	18.5	110.5	31.5	115.2	44.5	121.1	57.5	125.6	70.5	128.3
6.0	106.5	19.0	110.7	32.0	115.7	45.0	121.3	58.0	125.6	71.0	128.3
6.5	106.7	19.5	110.7	32.5	115.7	45.5	121.5	58.5	125.6	71.5	128.3
7.0	106.7	20.0	111.0	33.0	116.1	46.0	121.5	59.0	125.8	72.0	128.7
7.5	106.9	20.5	111.2	33.5	116.1	46.5	121.8	59.5	126.1		
8.0	107.1	21.0	111.4	34.0	116.6	47.0	122.0	60.0	126.1		
8.5	107.2	21.5	111.4	34.5	116.6	47.5	122.2	60.5	126.3		
9.0	107.4	22.0	111.7	35.0	116.6	48.0	122.7	61.0	126.5		
9.5	107.4	22.5	111.9	35.5	117.0	48.5	122.7	61.5	126.5		
10.0	107.6	23.0	112.1	36.0	117.1	49.0	122.7	62.0	126.5		
10.5	107.8	23.5	112.1	36.5	117.5	49.5	122.9	62.5	126.7		
11.0	108.0	24.0	112.3	37.0	117.9	50.0	123.3	63.0	126.7		
11.5	108.0	24.5	112.5	37.5	117.9	50.5	123.6	63.5	126.7		
12.0	108.3	25.0	112.8	38.0	118.4	51.0	123.6	64.0	126.9		
12.5	108.5	25.5	112.8	38.5	118.4	51.5	123.8	64.5	127.2		

TNSXT01.5E3K

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14. Request for Certification

Request for Certificate to ARB

Test Group	TNSXT01.5E3K
Exhaust emission control system number	1 of 1
Evaporative/Refueling Families	TNSXR0128PDA (LDT1) TNSXR0128PEA (LDT2)
Carline	ROGUE FWD ROGUE AWD ROCK CREEK ROGUE AWD

Nissan Motor Co., Ltd. requests that ARB issue a 2026 model year executive order for the above specified test group and evaporative/refueling family combination more fully described in this application. This combination complies with the following applicable emission standard.

Federal	X
California & 177 States	X

This combination complies with all applicable regulations contained within 40 CFR Part86, the application is current as of this date. The exhaust and evaporative/refueling emission test results support this request for certificate.



Takane Hayashi
Senior Manager
Regulation and Homologation Department

TNSXT01.5E3K

Issue date: Refer to cover page

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14. Request for Certification

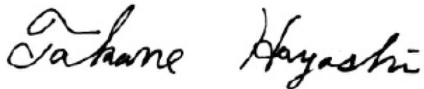
Request for Certificate to EPA

Test Group	TNSXT01.5E3K
Exhaust emission control system number	1 of 1
Evaporative/Refueling Families	TNSXR0128PDA (LDT1) TNSXR0128PEA (LDT2)
Carline	ROGUE FWD ROGUE AWD ROCK CREEK ROGUE AWD

Nissan Motor Co., Ltd. requests that EPA issue a 2026 model year certificate of conformity for the above specified test group and evaporative/refueling family combination more fully described in this application. This combination complies with the following applicable emission standard.

Federal	X
California & 177 States	X

This combination complies with all applicable regulations contained within 40 CFR Part86, the application is current as of this date. The exhaust and evaporative/refueling emission test results support this request for certificate.



Takane Hayashi
Senior Manager
Regulation and Homologation Department

TNSXT01.5E3K

Issue date: Refer to cover page

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SEC15(1)

15. Other Information

(1) Fee Filing Form

Refer to the attached Fee Filing Form.

TNSXT01.5E3K

Issue date: Refer to cover page

Revision date:

US EPA Fee Form

[Help and EPA Instructions](#)

* Required Field

General Information

Date: 12/17/2025

Process Code *

Submit New Fee Filing Form

Manufacturer Code *

NSX

Manufacturer Name *

NISSAN MOTOR CO., LTD.

Contact Name *

Farrukh Khan

Contact Email Address *

KhanF@nrd.nissan-usa.com

Contact Phone *

248-488-4649

Calendar Year complete application submitted to EPA *

2026

calendar year in which the complete certification application is received, not the model year.

Engine Family / Evaporative Family / Test Group *

TNSXT01.5E3K

Certificate Request Type (Industry Sector Code)

Certificate Request Type *

- On-Highway LDV, LTD, MDVPV, HDV Chassis Cert (Federal) (A, B, D, J, T, V)
- On-Highway HDE Dyno Cert (Federal) (E, H)
- On-Highway LD ICI, MDPV ICI, HDV ICI (A, B, D, J, T, V)
- On-Highway Motorcycle (C)
- On-Highway HDV Evap (F)
- On-Highway LDV, LTD, MDVPV, HDV Chassis Cert (California-Only) (A, B, D, J, T, V)
- On-Highway HDE Dyno Cert (California-Only) (E, H)
- Nonroad CI (L)
- Nonroad SI (B, S)
- Locomotive (G, K)
- All Nonroad Recreational, excluding Marine engines (X, Y)
- All Marine (Including IMO) (M, N, W)
- Component Certification for Evaporative Emissions (P)

IMO Name (Required for dual US/IMO Marine Only)

ICI VIN Number (Required for ICIs Only)

Do you qualify for a Reduced Fee? *

No

Amount Owed

\$32,317.00

Payment Type *

Offline Wire

Comments

EPA Form Number 3520-29

OMB Control No. 2060-0545

Approval expires 7/31/2027

The public reporting and recordkeeping burden for this collection of information is estimated to average 12 minutes per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.

The content of this document may contain Sensitive But Unclassified (SBU) data and/or Controlled Unclassified Information (CUI).

Application For Certification

Part2

Individual application for 2026 Model Year

Durability Group	TNSXGPGNNAAM
Evaporative / Refueling Families	TNSXR0128PDA (LDT1) TNSXR0128PEA (LDT2)
Test Group	TNSXT01.5E3K
Durability Group Description	Four Stroke, Otto Cycle, Gasoline Fueled, DFI Three Way Catalyst
Test Group Description	1.5 Liter L3 Federal LDT1 / California LDT1 Federal LDT2 / California LDT2
Exhaust Emission Standard	Federal Tier 3 Bin 50 (Tier 3 Compliant, 150K UL) (LDT1) / California LEV-IV ULEV50 (LDT1) Federal Tier 3 Bin 50 (Tier 3 Compliant) (LDT2) / California LEV-IV ULEV50 (LDT2)
Evaporative Emission Standard	Federal Tier 3 Evap / California LEV-IV Zero Evap (Option 2)
Vehicles Covered	NISSAN ROGUE AWD (50 States) NISSAN ROGUE FWD (50 States) NISSAN ROGUE AWD ROCK CREEK (50 States)
Issue Date	May 25, 2026
For Questions, Contact	Takuma Okamoto Telephone No. 248-488-4654

NISSAN MOTOR CO., LTD.

Part2
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2	Calibration Information		X
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	(1) Updated List of Certified Vehicles		X
	(2) Updated Test Parameter		X
	(3) Basic Information about Engine Code		X
	(4) HCHO/NMHC factor	X	
4	Final US Sales	X	
5	Service Manuals, Service bulletins	X	
6	California ARB Information		
	(1)-1. Long-Term Emission System Defect Warranty Parts List		X
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	(2) Diagnostic Link Connector (DLC) Location and Connector Picture		X

SEC1-1

1. Part numbers

Fuel system

Carline	Engine code	Throttle body	MAF sensor	ECT sensor	O2 sensor	TP sensor	Fuel injector	Absolute pressure (MAP) sensor	Absolute pressure (BARO) sensor	IACV-air regulator	Fuel pressure regulator	IACV-AAC valve	WR-HO2S	AP Sensor
ROGUE FWD	AR15DAC1	6RA60-04 (NNA-S Plant), 6RA60-02 (NMK Plant)	AFH60M-58	SW23	HMLGT4937R	Built in throttle body	6RC	PS96-3	N.A.	N.A.	17040 6RF0? (NNA-S Plant) (Built in Fuel Pump Module), 17040 6RC0? (NMK Plant) (Built in Fuel Pump Module)	N.A.	HMLGT7310R	N.A.
ROGUE AWD	AR15DAC3										17040 6RF1? (NNA-S Plant) (Built in Fuel Pump Module), 17040 6RC1? (NMK Plant) (Built in Fuel Pump Module)			
ROGUE AWD ROCK CREEK	AR15DAC7													

NNA-S Plant (Nissan North America Smyrna Plant)
NMK Plant (Nissan Motor Kyushu Plant)

Note: The parts with plural establishment have the same calibration and performance, even though the parts manufacturers are different.

The figures and numbers in the place of the mark ? are variable according to lot number and production date.

TNSXT01.5E3K

Issue date: Refer to cover page

Revision date:

1. Part numbers

Automatic transmission

ECM

TCM

Ignition system

Carline	Engine code	Parts No.	Calibration I.D. No.	Parts No.	Calibration I.D. No.	Distributor	CMP sensor	CKP sensor (POS)	CKP sensor (REF)	Spark plug	Knock sensor
ROGUE FWD	AR15DAC1	NEC089-622 (ASCD_LDW_BSW_WOPTC_CAT for NNA-S Plant), NEC089-623 (ICC_AD1_LDP_BSI_CAT for NNA-S Plant), NEC089-624 (ICC_AD1_LDP_BSI_DH_CAT for NNA-S Plant), NEC089-614 (ASCD_LDW_BSW_CATP for NMK Plant), NEC089-615 (ICC_AD1_LDP_BSI_CATP for NMK Plant), NEC089-616 (ICC_AD1_LDP_BSI_DH_CATP for NMK Plant)	1F26E6 (ASCD_LDW_BSW_WOPTC_CAT for NNA-S Plant), 1F26E7 (ICC_AD1_LDP_BSI_CAT for NNA-S Plant), 1F26E8 (ICC_AD1_LDP_BSI_DH_CAT for NNA-S Plant), 1F26D8 (ASCD_LDW_BSW_CATP for NMK Plant), 1F26D9 (ICC_AD1_LDP_BSI_CATP for NMK Plant), 1F26E0 (ICC_AD1_LDP_BSI_DH_CATP for NMK Plant)	310F6 X231B (TCM Hard) 310F6 X231B (TCM Hard) 310F6 X231B (TCM Hard)	310399TH0C (NNA-S Plant and NMK Plant) 310399TH1C (NNA-S Plant and NMK Plant) 310399TH4C (NMK Plant)	N.A.	S119702	S0133	N.A.	ILMAR8G8GS	KNE33C
ROGUE AWD	AR15DAC3	NEC089-625 (ASCD_LDW_BSW_WOPTC_CAT for NNA-S Plant), NEC089-626 (ICC_AD1_LDP_BSI_CAT for NNA-S Plant), NEC089-627 (ICC_AD1_LDP_BSI_DH_CAT for NNA-S Plant), NEC089-618 (ASCD_LDW_BSW_CATP for NMK Plant), NEC089-619 (ICC_AD1_LDP_BSI_CATP for NMK Plant), NEC089-620 (ICC_AD1_LDP_BSI_DH_CATP for NMK Plant)	1F26E9 (ASCD_LDW_BSW_WOPTC_CAT for NNA-S Plant), 1F26F0 (ICC_AD1_LDP_BSI_CAT for NNA-S Plant), 1F26F1 (ICC_AD1_LDP_BSI_DH_CAT for NNA-S Plant), 1F26E2 (ASCD_LDW_BSW_CATP for NMK Plant), 1F26E3 (ICC_AD1_LDP_BSI_CATP for NMK Plant), 1F26E4 (ICC_AD1_LDP_BSI_DH_CATP for NMK Plant)	310F6 X231B (TCM Hard) 310F6 X231B (TCM Hard) 310F6 X231B (TCM Hard)	310399TH2C (NNA-S Plant and NMK Plant) 310399TH3C (NNA-S Plant and NMK Plant) 310399TH5C (NMK Plant)						
ROGUE AWD ROCK CREEK	AR15DAC7	NEC089-628 (for NNA-S Plant), NEC089-619 (for NMK Plant)(same No. as ROGUE AWD)	1F26F2 (for NNA-S Plant), 1F26E3 (for NMK Plant)(same No. as ROGUE AWD)								

NNA-S Plant (Nissan North America Smyrna Plant)
NMK Plant (Nissan Motor Kyushu Plant)

Note: The parts with plural establishment have the same calibration and performance, even though the parts manufacturers are different.
The figures and numbers in the place of the mark ? are variable according to lot number and production date.

TNSXT01.5E3K

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1. Part numbers

Carline	Engine code	EGR system				Evap. system						Fuel check valve	
		EGR valve	EGR orifice	EGRC-BPT valve	EGRC-solenoid valve	Evap. canister	Evap. canister purge control valve	Evap. canister purge solenoid valve	Evap. canister purge cut one-way valve	Evap. canister purge pump	Evap. control system pressure sensor (Including AP Sensor function)		Gas cap
ROGUE FWD	AR15DAC1	6RR (NNA-S Plant), 6RC (NMK Plant)	N.A.	N.A.	N.A.	14950 6RR3A (NNA-S Plant), 14950 6RR1A (NMK Plant)	K5T48690	N.A.	N.A.	6RC2?	5WK9 6830	17221 6RR0? (NNA-S Plant) (Build in Filler tube assy), 17221 6RE0? (NMK Plant) (Build in Filler tube assy)	N.A.
ROGUE AWD	AR15DAC3												
ROGUE AWD ROCK CREEK	AR15DAC7												

NNA-S Plant (Nissan North America Smyrna Plant)
 NMK Plant (Nissan Motor Kyushu Plant)

Note: The parts with plural establishment have the same calibration and performance, even though the parts manufacturers are different.
 The figures and numbers in the place of the mark ? are variable according to lot number and production date.

TNSXT01.5E3K

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1. Part numbers

Other

Carline	Engine code	Catalyst Mani.	Pre.	Underfloor	PCV valve	IAT sensor	Thermostat	SCV Actuator	TCV Actuator	Super -charger	Super- charger Bypass Valve Actuator	Super- charger Bypass Solenoid Valve	Exhaust gas temperature sensor
ROGUE FWD	AR15DAC1	4MY	N.A.	6EN	35X	PS96-5T	MV6RC	N.A.	N.A.	N.A.	N.A.	N.A.	NHDNULS00
ROGUE AWD	AR15DAC3												
ROGUE AWD ROCK CREEK	AR15DAC7												

Note: The parts with plural establishment have the same calibration and performance, even though the parts manufacturers are different.
The figures and numbers in the place of the mark ? are variable according to lot number and production date.

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Revision date:

SEC2

2. Calibration Information for ROGUE FWD, ROGUE AWD and ROGUE AWD ROCK CREEK

Engine Code: AR15DAC1, AR15DAC3, AR15DAC7

Emission Component	Parameter	Calibration	
Fuel System			
Fuel pump	Fuel pump flow rate (l/hr)	103 (12.5V-450kPa)	
Fuel pressure regulator	Regulated fuel pressure (kPa)	450 +/- 20	
EGR System			
EGR valve	EGR exhaust gas flow rate at specified vacuum levels	EGR gas flow rate : 2000+/-100L/min Sensor output voltage : 2.807V Differential pressure : 6.67kPa+/-0.07kPa	
BPT valve	Closed at exhaust pressure above	N.A.	
EGR orifice	Orifice diameter	N.A.	
Ignition System			
Tune up specification	Basic engine timing (degrees BTDC) / rpm	-6~9/800 (2WD) -9~4/750 (4WD)	
	Idle rpm (in N)	800+/-50 (2WD) 750+/-50 (4WD)	
Spark plug	Gap (mm)	0.8	
Miscellaneous			
Air fuel ratio sensor	Output (700 mV)	Mixture ratio	Output
		A/F=14.7	0+/-0.01 mA
		A/F=18	0.3+/-0.036 mA
A/F=13	-0.26+/-0.032 mA		
Oxygen sensor	Output (350 mV)	lambda>=1.10	100mV max
		lambda<=0.9	810mV min
Thermostat	Total Internal leakage	Less than 1.5L/h @ Full closed position	
	Valve position accuracy	0.5 +0.1/-0.15V @ Full closed position	

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3. Detailed Description of Vehicles Covered by Certificate and Test Parameter

(1) Updated List of Certified Vehicles

Refer to the Individual application, Sec. 12 in Part1.

(2) Updated Test Parameter

Refer to the Individual application, Sec. 12 in Part1.

(3) Basic Information about Engine Code

Model Name	Engine Code	Power/RPM	Torque/RPM	Idle Speed	Basic Timing	Cat Code		
		(HP/rpm, SAE net)	(lb.ft/rpm, SAE net)	(rpm)	(degrees BTDC/rpm)	Pre	Mani	Under Floor
ROGUE FWD	AR15DAC1	201/5600	225/2800~4000	800+/-50 (2WD)	-6~-9/800 (2WD)	Refer to the General application, Sec 16(2) in Part1		
ROGUE AWD	AR15DAC3			750+/-50 (4WD)	-9~-4/750 (4WD)			
ROGUE AWD ROCK CREEK	AR15DAC7							

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