



Application for Certification – Part 1

Model Year: 2026
Manufacturer: Koenigsegg Automotive AB
Test Group: TKGGV05.0JSK
Test Group Description: 5.0 Liter Turbocharged V8, ICE propulsion system
Evaporative/Refueling Family: TKGGR0130JSK
Durability Group: TKGGGPGNNJSK
Durability Group Description: ICE Propulsion, Four Stroke, Otto Cycle, Gasoline Fueled, Multipoint/Sequential Port Fuel Injection, Metallic Three-way Catalyst
Federal Exhaust Standards: Tier 3 BIN 125
Federal Evap Standards: Tier 3
California Exhaust Standards: LEV IV LEV125
California Evap Standards: LEV IV
Carlines Covered by this Certificate: Jesko Absolut / CC850 / Jesko Attack / Sadair's Spear

VID	Configuration	Test Type / Number	Carryover of previous model years
LA007258	0	FTP 75F (E0) / SKGG10088736	Yes
	0	FTP 75F (E10) / SKGG10088739	Yes
	0	Cold CO / SKGG10088716	Yes
	0	HWY (E0) / SKGG10088744	Yes
	0	HWY (E10) / SKGG10088747	Yes
	0	US06 / SKGG10088749	Yes
	0	SC03 / SKGG10088748	Yes
	0	FTP 50F / SKGG10088773	Yes
LA007255	0	3-Day Evaporative / SKG10091116	Yes
	0	ORVR Evaporative / SKGG10088778	Yes
	0	FTP ORVR / SKGG10088777	Yes
	0	3-Day Exhaust / SKG10091115	Yes
	0	Running Loss / SKG10091126	Yes
	0	Bench Leak Rate 2235 title 13, Pg 27	Yes
Method B	0	BETP / SKGG10089053	Yes

Issue Date: 12/16/2025 Update 4/21/2026

Manufacturer Requested Response Date: 1/9/2026

Manufacturer Contact Name for EPA/CARB questions: See Section (1).



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Introduction

The 2026 MY Koenigsegg Jesko Attack is the Pure ICE vehicle manufactured by Koenigsegg Automotive AB, Ängelholm, Sweden. This document describes the emissions control systems of this vehicle, which are certified to Federal TIER 3 BIN 125 and CARB LEV IV ULEV 125 standards.



1. Correspondence and communications

- Authorized persons

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Remarks: Contact for CDX / EV-CIS, eFILE & E-CERT submissions
EPA/CARB US Contact, Service of Process Agent

- Responsible official

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2. Durability Group Description

Koenigsegg Automotive AB (KAAB) is classified as a Small Volume Manufacturer under applicable U.S. regulations, since its annual production and sales in the U.S. market do not exceed 5,000 vehicles per model year.

As allowed by CFR 86.1826-01, Koenigsegg has selected the option that is available for small-volume manufactures 86.1838-01(b)(i) and small-volume test groups 86.1838-01(b)(ii) to use assigned deterioration factors that the Administrator determined appropriate for Tier III BIN 125 exhaust and evaporative emissions which are summarized in EPA CD-23-01 dated January 2023.

This group complies to EPA TIER 3 BIN 125, CARB LEV IV ULEV 125 exhaust emissions requirements and Tier 3, LEV IV evaporative and refueling emissions requirements.

<i>Engine Code:</i>	2107-001
<i>Engine displacement:</i>	5.0 liters
<i>Number of valves per cylinder:</i>	4
<i>Engine Net power:</i>	985 kW, 1280 hp
<i>Engine Net torque:</i>	1270Nm, 937ft*lb.
<i>Idle speed:</i>	850±100rpm
<i>Intake air aspiration method:</i>	Turbocharged, one per cylinder bank
<i>Exhaust emission control system:</i>	Separate runners from each cylinder on a bank merge onto an exhaust collector just upstream the turbocharger inlet; Each runner branches for waste gating, wherein all branch-ducts of a bank merge onto a wastegate-collector.
<i>Range of Catalyst Grouping Statistics:</i>	N/A
<i>Air pump type:</i>	N/A
<i>Transmission:</i>	9-speed automatic
<i>Durability Group Name:</i>	TKGGPGNNJSK
<i>Combustion Cycle:</i>	4-Stroke
<i>Engine Type:</i>	Piston
<i>Fuel Used:</i>	Gasoline
<i>Basic Fuel Metering System:</i>	Multipoint/sequential port fuel injection
<i>Catalyst Construction and General Location):</i>	Three-way catalyst with metallic substrate. Four bricks, one pre-cat and one main-cat for each cylinder bank
<i>Precious Metals in Catalyst:</i>	
<i>Precious Metal Loading (each brick) for all Catalysts in the Durability Group:</i>	
<i>Range of Catalyst Grouping Statistics:</i>	N/A

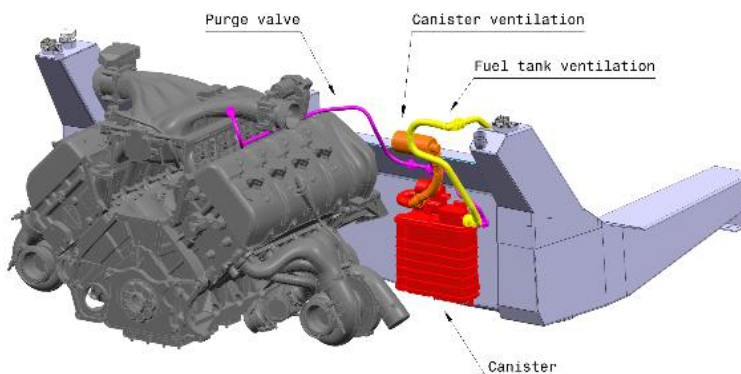


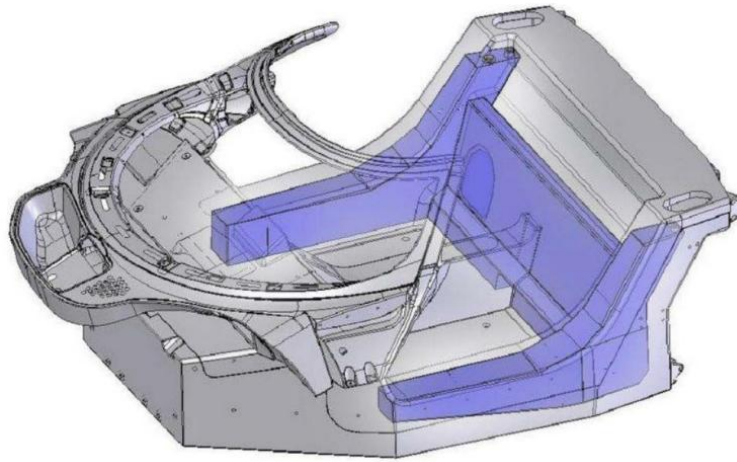
3. Evaporative/Refueling Family Description

The TKGGR0130JSK is the Evaporative/Refueling family for the Koenigsegg Jesko Family:

3.1	<i>Evaporative / Refueling Family:</i>	TKGGR0130JSK
	<i>Model:</i>	Jesko Attack
3.2.	<i>Evaporative/Refueling Family Parameters</i>	
3.2.1.	<i>Type of vapor storage device:</i>	1 Canister
3.2.2.	<i>Basic canister design:</i>	
	<i>(i) Working Capacity:</i>	178.4 grams
	<i>(ii) System Configuration:</i>	Single Canister
	<i>(iii) Canister Geometry/Construction/Materials:</i>	Rectangular/Inner Partition/Plastic
3.2.3.	<i>Fuel System:</i>	Multipoint/Sequential Port Fuel Injection
3.2.4.	<i>Type of refueling emission control system</i>	Integrated
3.2.5.	<i>Fill pipe seal mechanism</i>	Mechanical
3.2.6.	<i>Vapor control system</i>	Vapor flow through the vapor line to the canister is controlled by calibrated orifices
3.2.7.	<i>Purge control system:</i>	ECM controlled Purge strategy
3.2.8.	<i>Vapor hose material:</i>	Nylon multi-layer with PVDF barrier
3.2.9.	<i>Fuel tank material</i>	Aluminum
3.3.	<i>Evaporative emission standard or family emission limit (FEL)</i>	TIER 3 BIN 125 0.500

The Evaporative Family's Fuel Tank Temperature Profile (FTTP) is determined according to 40 CFR § 86.129- 94 (d).





Fuel tank position (purple highlighted) in the monocoque

4. Durability Information

Durability Statement Based on Koenigsegg's good engineering judgment, all the vehicles described in this Application for Certification comply with all applicable intermediate and fully useful life standards.

Please refer to the Certification Summary Information Report included in Section 7 for applicable deterioration factors.

5. Test Group Description

5.1. Test Group Description

Test Group Name	TKGGV05.0JSK
Engine displacement	5.0 liters
Arrangement and number of cylinders	V8
Propulsion system	ICE
Vehicle class covered	LDV/PC
Federal Emissions Standards Class	TIER 3 BIN 125
California Emissions Standards	LEV IV ULEV 125

5.2. Test Group Emission Standards

Please refer to the Certification Summary Information Report included in Section 7 for applicable emission standards.



6. Test Vehicle Description

The test group contains three carlines which will be the worst case of Jesko Family the Jesko Attack with variants Attack, Absolut, CC850, and Sadair's Spear. Therefore, all requirements in §86.1828-01, Emission data vehicle (EDV) selection, are met. For logistic reasons two EDVs were used for manufacturer testing. These vehicles are identified and described below.

Test Group: TKGGV05.0JSK
Evaporative/Refueling Family: TKGGR0130JSK

VID	Config	Vehicle Type	Tests Performed
LA007258	00	Cert Emissions	2XUDDS-CS, HWFET-CS, Cold CO/NMHC, US06, SC03, 2XUDDS 50F
LA007255	00	Cert Emissions	ORVR, 3-Day, Running Loss

Make and model of the represented vehicles	Koenigsegg Jesko Attack
Vehicle drive source	Combustion engine,
Fuel	Gasoline
CURB Weight (lbs.)	3448
LVW (lbs.)	3748
ALVW (lbs.)	3620
ETW (lbs.)	3750
GVWR (lbs.)	3792
Off-board charging	Not applicable
Engine displacement	5.0 liters
Engine code	2107-001
Transmission type and number of gears	Automatic, 9-speed
Transmission Type	Koenigsegg Light Speed transmission (LST)
Axle Ratio	3.45:1
Vehicle drive mode while testing	Sport
Dynamometer road load target coefficients	
A (lbf)	47.108
B (lbf/mph)	0.2409
C (lbf/mph ²)	0.02752
Dynamometer road load set coefficients (Maserati)	
A (lbf)	17.97
B (lbf/mph)	0.070
(lbf/mph ²)	0.02887
Dynamometer road load set coefficients (IDIADA)	
C (lbf)	30.12
D (lbf/mph)	0.0286
E (lbf/mph ²)	0.02809
Dynamometer Cold CO road load set coefficients (Maserati)	
A (lbf)	23.2
B (lbf/mph)	0.0434
C (lbf/mph ²)	0.03192
SIL usage	Not applicable
Aged emission components	Not applicable
Engine rated horsepower	954 kW, 1280 HP
Test vehicle numbers and configurations numbers:	



Vehicle drive mode while testing: Comfort mode

For more details, see below section 7: "Certification Summary Information Report".

The results of the coast down test according to SAE J2263 as last revised in May 2020, is the model of the road load force as function of speed, during operation on dry, level road under reference conditions of 20°C, 98.205 kPa, no wind, no precipitation and the transmission in neutral. The VID of the vehicle was GA007126, the same vehicle used for emission testing. The main result was a

$$C = 0,047271 \cdot v^2 + 0,66597 \cdot v + 209,547$$

7. Certification Summary Information Report



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Certification Summary Information Report

Manufacturer	Koenigsegg Automotive AB	Manufacturer Code	KGG
Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	04/13/2026 03:21:30 PM
Model Year	2026		

Test Group Information

CSI Type	Update for Correction	Running Change Reference Number	--
GHG Exempt Status	Small Business Administration Exemption		

Drive Sources and Fuel(s)

Drive Source #1: Combustion Engine

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Gasoline	Multipoint/sequential fuel injection	No

Hybrid Indicator	No		
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	No
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	No
Fuel Cell Indicator	No	EPA Vehicle Class	LDV
Federal Clean Fuel Vehicle	No	Federal Clean Fuel Vehicle Standard	--
Federal Clean Fuel Vehicle ILEV	No	California Partial Zero Emissions Vehicle Indicator	--
Durability Group Name	SKGGPGNNJSK	Durability Group Equivalency Factor	1
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	01/22/2026	CAP2000 Conditional Certificate?	N/A
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--
SFTP Federal Composite Compliance Identifier	Not Applicable	SFTP Tier 2 Composite CO Option	No
SFTP LEV-III Composite Compliance Indicator	No		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	TKGGV05.0JSK
Test Group OBD Compliance Level	Full - no deficiencies	Number of Test Group OBD Deficiencies	0
OBD Deficiencies Comments	--		
Mfr Test Group Comments	Koenigsegg will use, according to CFR 86.1811-17, the SFTP stand-alone option specified in 13 CCR 1961.2 (a)(7)(A)1 of the LEV III program to demonstrate compliance with EPA's SFTP standards.		
Mfr Exhaust / Evap Standards Comments	--		



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Certification Summary Information Report

Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Evaporative/Refueling Family Information			
Evaporative Summary Information Type	New	Submission/Correction Date	10/26/2025 09:30:53 AM
Integrated ORVR?	Yes	Fuel(s)	Gasoline
Multiple Fuel Storage	--		
Bladder Fuel Tank?	No		
Fuel Tank Material	Metal	Fuel Tank Material Description	Metal
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)	130	Number of Primary Canisters	1
Number of Bleed Canisters	0	Bleed Canister Total Working Capacity (grams)	--
Mfr Evaporative/Refueling Family Comments	--		
Leak Family Details			
Leak Family Indicator	No		
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	--		



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Certification Summary Information Report

Test Group		TKGGV05.0JSK		Evaporative/Refueling Family		TKGGR0130JSK	
Models Covered by this Certificate							
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Koenigsegg Automotive AB	1 - Koenigsegg Automotive AG	1 - Jesko Attack	Federal	2-Wheel Drive, Rear	Automated Manual-Selectable (e.g. Automated Manual with paddles)	9	No
Koenigsegg Automotive AB	1 - Koenigsegg Automotive AG	2 - Jesko Absolut	Federal	2-Wheel Drive, Rear	Automated Manual-Selectable (e.g. Automated Manual with paddles)	9	No
Koenigsegg Automotive AB	1 - Koenigsegg Automotive AG	3 - CC850	Federal	2-Wheel Drive, Rear	Automated Manual-Selectable (e.g. Automated Manual with paddles)	9	No
Koenigsegg Automotive AB	1 - Koenigsegg Automotive AG	3 - CC850	California + CAA Section 177 states	2-Wheel Drive, Rear	Automated Manual-Selectable (e.g. Automated Manual with paddles)	9	No
Koenigsegg Automotive AB	1 - Koenigsegg Automotive AG	4 - Sadair Spear	Federal	2-Wheel Drive, Rear	Automated Manual-Selectable (e.g. Automated Manual with paddles)	9	No
Koenigsegg Automotive AB	1 - Koenigsegg Automotive AG	2 - Jesko Absolut	California + CAA Section 177 states	2-Wheel Drive, Rear	Automated Manual-Selectable (e.g. Automated Manual with paddles)	9	No
Koenigsegg Automotive AB	1 - Koenigsegg Automotive AG	4 - Sadair Spear	California + CAA Section 177 states	2-Wheel Drive, Rear	Automated Manual-Selectable (e.g. Automated Manual with paddles)	9	No
Koenigsegg Automotive AB	1 - Koenigsegg Automotive AG	1 - Jesko Attack	California + CAA Section 177 states	2-Wheel Drive, Rear	Automated Manual-Selectable (e.g. Automated Manual with paddles)	9	No
Engine Description							
Hybrid Type		--		Hybrid Description		--	
Engine Type		4-Stroke Spark Ignition		Mfr Engine Description		Twin turbo, conventional spark ignition internal combustion engine.	
Engine Block Arrangement		V-shaped engine		Mfr Engine Block Arrangement Description		--	
Camless Valvetrain Indicator		No		Oil Viscosity/Classification		5W50	
Number of Cylinders/Rotors		8		Mechanically Variable Compression Ratio Indicator		N	



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Certification Summary Information Report

Test Group		TKGGV05.0JSK		Evaporative/Refueling Family		TKGGR0130JSK	
After Treatment Device(s) (ATD)							
ATD Number		ATD Type		ATD Precious Metal		Substrate Material	
1		Three-way catalyst		Platinum + Palladium + Rhodium		Metal	
2		Three-way catalyst		Platinum + Palladium + Rhodium		Metal	
3		Three-way catalyst		Platinum + Palladium + Rhodium		Metal	
4		Three-way catalyst		Platinum + Palladium + Rhodium		Metal	
Mfr After Treatment Device (ATD) Comments		Three-way catalyst with metallic substrate. Four bricks, one pre-cat and one main-cat for each cylinder bank					
Direct Ozone Reduction (DOR) Device		Not Equipped					
Mfr Emission Control Device Comments		--					
Engine Configuration Number 1							
Engine Displacement (liters)		5.0		Engine Rated Horsepower		1280	
Number of Inlet Valves Per Cylinder		4		Number of Exhaust Valves Per Cylinder		1	
Air Aspiration Method		Turbocharged		Number of Air Aspiration Devices		2	
Air Aspiration Device Configuration		Parallel		Charge Air Cooler Type		Liquid	
Air Aspiration Drive Method(s)		Mechanical					
Cylinder Deactivation		No					
Cylinder Deactivation Description		--					
Variable Valve Timing		No					
Variable Valve Timing System Description		--					
Variable Valve Lift?		Yes					
Variable Valve Lift System Description		he maximum lift for both inlet and exhaust valves are 11.5mm. Intake opens at 10 degrees BTDC and closes 70 degrees ABDC. Exhaust opens 62 degrees BBDC and closes 18 degrees ATDC. No variable timing system.					
Number of Knock Sensors		2		Number of Air/Fuel Sensors		4	
Air/Fuel Sensor # 1 Type		Heated oxygen		Air/Fuel Sensor # 1 Description		--	
Air/Fuel Sensor # 2 Type		Heated oxygen		Air/Fuel Sensor # 2 Description		--	
Air/Fuel Sensor # 3 Type		Heated oxygen		Air/Fuel Sensor # 3 Description		--	
Air/Fuel Sensor # 4 Type		Heated oxygen		Air/Fuel Sensor # 4 Description		--	
Mfr Air/Fuel Sensor Comments		--					
Exhaust Gas Recirculation		No		Cooled Exhaust Gas Recirculation		No	
EGR Type		--		Exhaust Gas Recirculation Description if 'Other'		--	
Closed Loop Air Injection System		No					
Air Injection Type		Not Applicable		Air Injection Type if 'Other'		--	
Mfr Engine Configuration Comments		Twin turbo. turbos working in parallel - one turbine per bank					



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Test Group		TKGGV05.0JSK				Evaporative/Refueling Family		TKGGR0130JSK			
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		SKGG10088739	SKGG10088749	SKGG10088748	SKGG10088716	SKGG10088747	10.1	9.0	17.5	14.8	--
SFTP LEV-III Official Test Numbers											
Test Group Fuel		FTP		US06		SC03					
Gasoline		SKGG10088739		SKGG10088749		SKGG10088748					



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Certification Summary Information Report

Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK						
Emission Data Vehicle Information									
Vehicle ID / Configuration	METHOD B / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SKGGV0.50JSK	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Koenigsegg	Represented Test Vehicle Model	Jesko Attack						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
	<table><tr><th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr><tr><td>1</td><td>Combustion Engine</td><td>Gasoline</td></tr></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	No								
Odometer Correction -- Initial	0	Odometer Correction Factor	0						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	2103-002-064K	Rated Horsepower	1280						
Displacement (liters)	5								
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	2	Air Aspiration Device Configuration	Parallel						
Charge Air Cooler Type	Liquid	Drive Mode While Testing	2-Wheel Drive, Rear						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	3448	Equivalent Test Weight (pounds)	3750						
GVWR (lbs)	3792	N/V Ratio	3.6						
Axle Ratio	3.45								
Transmission Type	Automated Manual- Selectable (e.g. Automated Manual with paddles)	# of Transmission Gears	9						
Transmission Lockup	No	Creep Gear	No						



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Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
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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	47.21	0.241	0.02752	30.124	0.0286	0.02809	17.1
Cold CO	51.931	0.265	0.03028	23.2	-0.0434	0.03192	N/A
US06	47.21	0.241	0.02752	30.124	0.0286	0.02809	N/A

Emission Control Device Comments Vehicle information is used to complete CSI Report for BETP test. BETP used Method B
Manufacturer Test Vehicle Comments --

Test #	SKGG10089053	Test Procedure	65 - Evap Canister Bleed Test
Exhaust Test # for this Evap Test	--	Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline
Test Date	08/21/2021	Fuel	Gasoline
Fuel Batch ID	180236	Fuel Calibration Number	1001
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	Referenced Test Lab: NAV/1		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	12198	Odometer Units	K
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
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0118	--

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	0.0118	0.00	0.012	0.020	Pass
CA	150,000 miles	California LEV-III Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.0118	0.00	0.012	0.020	Pass



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Certification Summary Information Report

Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK						
Emission Data Vehicle Information									
Vehicle ID / Configuration	YT9PR1E11LA007258 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SKGGV0.50JSK	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Koenigsegg	Represented Test Vehicle Model	Jesko Attack						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
	<table><tr><th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr><tr><td>1</td><td>Combustion Engine</td><td>Gasoline</td></tr></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	No								
Odometer Correction -- Initial	0	Odometer Correction Factor	1						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	2107-001	Rated Horsepower	1280						
Displacement (liters)	5								
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	2	Air Aspiration Device Configuration	Parallel						
Charge Air Cooler Type	Liquid	Drive Mode While Testing	2-Wheel Drive, Rear						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	3448	Equivalent Test Weight (pounds)	3750						
GVWR (lbs)	3792	N/V Ratio	3.6						
Axle Ratio	3.45								
Transmission Type	Automated Manual- Selectable (e.g. Automated Manual with paddles)	# of Transmission Gears	9						
Transmission Lockup	No	Creep Gear	No						



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Certification Summary Information Report

Test Group	TKGGV05.0JSK			Evaporative/Refueling Family			TKGGR0130JSK
Dynamometer Coefficients:							
	Target Coefficients			Set Coefficients			
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
City/Highway/Evap	47.108	0.2409	0.02752	17.97	-0.0702	0.02887	17.1
Cold CO	52.342	0.2677	0.03058	23.2	-0.0434	0.03192	N/A
US06	47.108	0.2409	0.02752	17.97	-0.0702	0.02887	N/A
Emission Control Device Comments	--						
Manufacturer Test Vehicle Comments	--						



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Certification Summary Information Report

Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Test #	SKGG10088716	Test Procedure	11 - Cold CO
Exhaust Test # for this Evap Test	--	Test Fuel Type	29 - Cold CO E10 Premium Gasoline (Tier 3)
Test Date	07/09/2024	Fuel	Gasoline
Fuel Batch ID	51365	Fuel Calibration Number	79
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Maserati SpA laboratorio emissioni		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	9485	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	No
Test Results			



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Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	746.787	--	
CO BAG 1 (Bag 1 Carbon Monoxide)	8.571	--	
FE BAG 1 (Bag 1 Fuel Economy)	11.2307	11.2307	
CH4 BAG 1 (Bag 1 Methane)	0.0884	--	
NMOG BAG 1 (Bag 1 Non-methane organic gases)	1.2328	--	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	864.7266	--	
CO BAG 2 (Bag 2 Carbon Monoxide)	0.2503	--	
FE BAG 2 (Bag 2 Fuel Economy)	9.9178	9.9178	
CH4 BAG 2 (Bag 2 Methane)	0.0199	--	
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.00607	--	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	616.4627	--	
CO BAG 3 (Bag 3 Carbon Monoxide)	0.0929	--	
FE BAG 3 (Bag 3 Fuel Economy)	13.9151	13.9151	
CH4 BAG 3 (Bag 3 Methane)	0.0107	--	
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.00543	--	
METHANE (CH4 - Methane)	0.0314	--	
CO (Carbon Monoxide)	1.9143	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-1.51	--	
DT-EER (Drive Trace Energy Economy Rating)	0.02	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.37	--	
HCHO (Formaldehyde)	0.007	--	
MFR FE (Manufacturer Fuel Economy)	11.1025	11.1025	
NOX (Nitrogen Oxide)	0.0693	--	
HC-NM (Non-methane Hydrocarbon)	0.2417	--	
NMOG (Non-methane organic gases)	0.2659	--	
HC-TOTAL (Total Hydrocarbon)	0.2712	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	772.9281	--	
Test Result Name	Unrounded Test Result	Verify Calculated CO2	
Carbon dioxide	772.8967	--	
Manufacturer Test Comments FE in miles per gallon. All emissions results in grams per mile. Vehicle driven in sport mode.			



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Certification Summary Information Report

Test Group		TKGGV05.0JSK				Evaporative/Refueling Family				TKGGR0130JSK		
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 125	CO	1.91	--	--	--	0.11	--	2.0	10.0	Pass
Fed	120,000 miles	Federal Tier 3 Bin 125	HC-NM	0.24	--	1.1	--	0.0141	--	0.3	0.3	Pass
CA	50,000 miles	California LEV-IV ULEV125	CO	1.91	--	--	--	0.11	--	2.0	10.0	Pass



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Certification Summary Information Report

Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Test #	SKGG10088736	Test Procedure	31 - Federal fuel 3-day exhaust
Exhaust Test # for this Evap Test	--	Test Fuel Type	61 - Tier 2 Cert Gasoline
Test Date	07/30/2024	Fuel	Gasoline
Fuel Batch ID	20523	Fuel Calibration Number	8340
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Maserati SpA laboratorio emissioni		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	9736	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			



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Certification Summary Information Report

Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	670.8094	--	
CO BAG 1 (Bag 1 Carbon Monoxide)	1.8072	--	
FE BAG 1 (Bag 1 Fuel Economy)	13.0172	13.0172	
CH4 BAG 1 (Bag 1 Methane)	0.0379	--	
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.1203	--	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	833.62	--	
CO BAG 2 (Bag 2 Carbon Monoxide)	0.2106	--	
FE BAG 2 (Bag 2 Fuel Economy)	10.522	10.522	
CH4 BAG 2 (Bag 2 Methane)	0.0031	--	
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0008	--	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	600.0387	--	
CO BAG 3 (Bag 3 Carbon Monoxide)	0.0813	--	
FE BAG 3 (Bag 3 Fuel Economy)	14.6195	14.6195	
CH4 BAG 3 (Bag 3 Methane)	0.0125	--	
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.0058	--	
METHANE (CH4 - Methane)	0.0129	--	
CO (Carbon Monoxide)	0.5052	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.58	--	
DT-EER (Drive Trace Energy Economy Rating)	0.75	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-57	--	
HCHO (Formaldehyde)	0.00242	--	
MFR FE (Manufacturer Fuel Economy)	11.9252	11.9252	
NOX (Nitrogen Oxide)	0.032	--	
N2O (Nitrous Oxide)	0.0008	--	
HC-NM (Non-methane Hydrocarbon)	0.0245	--	
NMOG (Non-methane organic gases)	0.0269	--	
PM (Particulate Matter)	0.0012	--	
HC-TOTAL (Total Hydrocarbon)	0.0366	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	735.8722	759	
Test Result Name	Unrounded Test Result	Verify Calculated CO2	
Carbon dioxide	735.8585	--	



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Test Group	TKGGV05.0JSK				Evaporative/Refueling Family				TKGGR0130JSK			
Manufacturer Test Comments			FE in miles per gallon. All emissions results in grams per mile. Vehicle driven in sport mode.									
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 125	CO	0.51	--	--	--	0.38	--	0.9	2.1	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	HCHO	0.0024	--	--	--	0.0005	--	0.003	0.004	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	METHANE	0.0129	--	--	--	0.000	--	0.013	0.032	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	N2O	0.0008	--	--	--	0.000	--	0.001	0.010	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG	0.0269	--	--	--	0.0149	--	0.042	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG+NOX	0.0589	--	--	--	--	--	0.085	0.125	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NOX	0.0320	--	--	--	0.0115	--	0.044	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	PM	0.0012	--	--	--	0.000	--	0.001	0.006	Pass
CA	150,000 miles	California LEV-IV ULEV125	CO	0.51	--	--	--	0.38	--	0.9	2.1	Pass
CA	150,000 miles	California LEV-IV ULEV125	HCHO	0.0024	--	--	--	0.0005	--	0.003	0.004	Pass
CA	150,000 miles	California LEV-IV ULEV125	METHANE	0.0129	--	--	--	0.000	--	0.013	0.032	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG	0.0269	--	--	--	0.0149	--	0.042	99.000	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG+NOX	0.0589	--	--	--	--	--	0.085	0.125	Pass
CA	150,000 miles	California LEV-IV ULEV125	NOX	0.0320	--	--	--	0.0115	--	0.044	99.000	Pass
CA	150,000 miles	California LEV-IV ULEV125	PM	0.0012	--	--	--	0.000	--	0.001	0.003	Pass



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Certification Summary Information Report

Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Test #	SKGG10088739	Test Procedure	31 - Federal fuel 3-day exhaust
Exhaust Test # for this Evap Test	--	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	09/12/2024	Fuel	Gasoline
Fuel Batch ID	20524	Fuel Calibration Number	1350
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Maserati SpA laboratorio emissioni		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	9904	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			



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Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	
CO2 BAG 1 (Bag 1 Carbon Dioxide)	671.3863	--	
CO BAG 1 (Bag 1 Carbon Monoxide)	1.808	--	
FE BAG 1 (Bag 1 Fuel Economy)	12.7188	12.7188	
CH4 BAG 1 (Bag 1 Methane)	0.0358	--	
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.1171	--	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	861.0971	--	
CO BAG 2 (Bag 2 Carbon Monoxide)	0.11	--	
FE BAG 2 (Bag 2 Fuel Economy)	9.9628	9.9628	
CH4 BAG 2 (Bag 2 Methane)	0.0048	--	
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0003	--	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	609.8912	--	
CO BAG 3 (Bag 3 Carbon Monoxide)	0.0632	--	
FE BAG 3 (Bag 3 Fuel Economy)	14.0658	14.0658	
CH4 BAG 3 (Bag 3 Methane)	0.0134	--	
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.0073	--	
METHANE (CH4 - Methane)	0.0135	--	
CO (Carbon Monoxide)	0.4492	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.31	--	
DT-EER (Drive Trace Energy Economy Rating)	0.68	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.13	--	
HCHO (Formaldehyde)	0.002791	--	
MFR FE (Manufacturer Fuel Economy)	11.3984	11.3984	
NOX (Nitrogen Oxide)	0.0257	--	
N2O (Nitrous Oxide)	0.0005	--	
HC-NM (Non-methane Hydrocarbon)	0.024	--	
NMOG (Non-methane organic gases)	0.0264	--	
HC-TOTAL (Total Hydrocarbon)	0.0368	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	752.8382	777	
Test Result Name	Unrounded Test Result	Verify Calculated CO2	
Carbon dioxide	752.8327	--	
Manufacturer Test Comments			
FE in miles per gallon. All emissions results in grams per mile. Vehicle driven in sport mode.			



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Test Group		TKGGV05.0JSK				Evaporative/Refueling Family				TKGGR0130JSK		
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 125	CO	0.45	--	--	--	0.38	--	0.8	2.1	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	HCHO	0.0028	--	--	--	0.0005	--	0.003	0.004	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	METHANE	0.0135	--	--	--	0.000	--	0.014	0.032	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	N2O	0.0005	--	--	--	0.000	--	0.000	0.010	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG	0.0264	--	--	--	0.0149	--	0.041	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG+NOX	0.0521	--	--	--	--	--	0.078	0.125	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NOX	0.0257	--	--	--	0.0115	--	0.037	99.000	Pass
CA	150,000 miles	California LEV-IV ULEV125	CO	0.45	--	--	--	0.38	--	0.8	2.1	Pass
CA	150,000 miles	California LEV-IV ULEV125	HCHO	0.0028	--	--	--	0.0005	--	0.003	0.004	Pass
CA	150,000 miles	California LEV-IV ULEV125	METHANE	0.0135	--	--	--	0.000	--	0.014	0.032	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG	0.0264	--	--	--	0.0149	--	0.041	99.000	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG+NOX	0.0521	--	--	--	--	--	0.078	0.125	Pass
CA	150,000 miles	California LEV-IV ULEV125	NOX	0.0257	--	--	--	0.0115	--	0.037	99.000	Pass



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Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Test #	SKGG10088773	Test Procedure	51 - CA fuel 50 Deg(F) exhaust test
Exhaust Test # for this Evap Test	--	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	07/10/2024	Fuel	Gasoline
Fuel Batch ID	205240	Fuel Calibration Number	1350
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Maserati SpA laboratorio emissioni		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	9518	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)	694.8133	--	
FE BAG 1 (Bag 1 Fuel Economy)	12.1892	12.1892	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	858.0187	--	
FE BAG 2 (Bag 2 Fuel Economy)	9.9993	9.9993	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	612.5687	--	
FE BAG 3 (Bag 3 Fuel Economy)	14.0034	14.0034	
METHANE (CH4 - Methane)	0.0212	--	
CO (Carbon Monoxide)	0.9863	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.91	--	
DT-EER (Drive Trace Energy Economy Rating)	0.44	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.47	--	
HCHO (Formaldehyde)	0.0145626	--	
MFR FE (Manufacturer Fuel Economy)	11.335	11.335	
NOX (Nitrogen Oxide)	0.0478	--	
HC-NM (Non-methane Hydrocarbon)	0.131	--	
NMOG (Non-methane organic gases)	0.1441	--	
HC-TOTAL (Total Hydrocarbon)	0.1507	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	757.0677	--	



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Test Group		TKGGV05.0JSK				Evaporative/Refueling Family				TKGGR0130JSK		
		Test Result Name		Unrounded Test Result			Verify Calculated CO2					
		Carbon dioxide		757.0465			--					
Manufacturer Test Comments												
FE in miles per gallon. All emissions results in grams per mile. Vehicle driven in sport mode.												
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 ULEV125	HCHO	0.0146	--	--	--	--	--	0.015	0.016	Pass
CA	4,000 miles	California LEV-IV ULEV125	NMOG	0.1441	--	1.1	--	--	--	0.144	99.000	Pass
CA	4,000 miles	California LEV-IV ULEV125	NMOG+NOX	0.1919	--	1.1	--	--	--	0.192	0.250	Pass
CA	4,000 miles	California LEV-IV ULEV125	NOX	0.0478	--	--	--	--	--	0.048	99.000	Pass



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Certification Summary Information Report

Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK																																	
Test #	SKGG10088744	Test Procedure	3 - HWFE																																	
Exhaust Test # for this Evap Test	--	Test Fuel Type	61 - Tier 2 Cert Gasoline																																	
Test Date	07/16/2024	Fuel	Gasoline																																	
Fuel Batch ID	20523	Fuel Calibration Number	8340																																	
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned																																	
Verify Test Lab ID	Maserati SpA laboratorio emissioni																																			
E10 Evaporative Test Measurement Method	--																																			
Test Start Odometer Reading	9569	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																																				
<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated FE Equivalent Value (miles per gallon)</th></tr><tr><td>CO (Carbon Monoxide)</td><td>0.113</td><td>--</td></tr><tr><td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td><td>-0.44</td><td>--</td></tr><tr><td>DT-EER (Drive Trace Energy Economy Rating)</td><td>-0.17</td><td>--</td></tr><tr><td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td><td>-0.27</td><td>--</td></tr><tr><td>MFR FE (Manufacturer Fuel Economy)</td><td>21.749</td><td>21.749</td></tr><tr><td>NOX (Nitrogen Oxide)</td><td>0.006</td><td>--</td></tr><tr><td>HC-NM (Non-methane Hydrocarbon)</td><td>0.002</td><td>--</td></tr><tr><td>NMOG (Non-methane organic gases)</td><td>0.002</td><td>--</td></tr><tr><td>PM (Particulate Matter)</td><td>0.001</td><td>--</td></tr><tr><td>HC-TOTAL (Total Hydrocarbon)</td><td>0.009</td><td>--</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	CO (Carbon Monoxide)	0.113	--	DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.44	--	DT-EER (Drive Trace Energy Economy Rating)	-0.17	--	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.27	--	MFR FE (Manufacturer Fuel Economy)	21.749	21.749	NOX (Nitrogen Oxide)	0.006	--	HC-NM (Non-methane Hydrocarbon)	0.002	--	NMOG (Non-methane organic gases)	0.002	--	PM (Particulate Matter)	0.001	--	HC-TOTAL (Total Hydrocarbon)	0.009	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)																																		
CO (Carbon Monoxide)	0.113	--																																		
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.44	--																																		
DT-EER (Drive Trace Energy Economy Rating)	-0.17	--																																		
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.27	--																																		
MFR FE (Manufacturer Fuel Economy)	21.749	21.749																																		
NOX (Nitrogen Oxide)	0.006	--																																		
HC-NM (Non-methane Hydrocarbon)	0.002	--																																		
NMOG (Non-methane organic gases)	0.002	--																																		
PM (Particulate Matter)	0.001	--																																		
HC-TOTAL (Total Hydrocarbon)	0.009	--																																		
<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated CREE/OPT-CREE</th></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>403.325</td><td>415</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	Carbon-Related Exhaust Emissions	403.325	415																											
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE																																		
Carbon-Related Exhaust Emissions	403.325	415																																		
<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated CO2</th></tr><tr><td>Carbon dioxide</td><td>403.317</td><td>--</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated CO2	Carbon dioxide	403.317	--																											
Test Result Name	Unrounded Test Result	Verify Calculated CO2																																		
Carbon dioxide	403.317	--																																		
Manufacturer Test Comments FE in miles per gallon. All emissions results in grams per mile. Vehicle driven in sport mode.																																				



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Certification Summary Information Report

Test Group		TKGGV05.0JSK				Evaporative/Refueling Family				TKGGR0130JSK		
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 125	NMOG	0.0020	--	--	--	0.0149	--	0.017	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG+NOX	0.0080	--	--	--	--	--	0.034	0.125	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NOX	0.0060	--	--	--	0.0115	--	0.018	99.000	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG	0.0020	--	--	--	0.0149	--	0.017	99.000	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG+NOX	0.0080	--	--	--	--	--	0.034	0.125	Pass
CA	150,000 miles	California LEV-IV ULEV125	NOX	0.0060	--	--	--	0.0115	--	0.018	99.000	Pass



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Certification Summary Information Report

Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Test #	SKGG10088747	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	08/23/2023	Fuel	Gasoline
Fuel Batch ID	20524	Fuel Calibration Number	1350
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Maserati SpA laboratorio emissioni		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	9230	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)	0.008	--	
CO (Carbon Monoxide)	0.095	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	4.22	--	
DT-EER (Drive Trace Energy Economy Rating)	-0.2	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	7.28	--	
MFR FE (Manufacturer Fuel Economy)	21.482	21.482	
NOX (Nitrogen Oxide)	0.005	--	
N2O (Nitrous Oxide)	0	--	
HC-NM (Non-methane Hydrocarbon)	0.002	--	
NMOG (Non-methane organic gases)	0.002	--	
HC-TOTAL (Total Hydrocarbon)	0.007	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	399.268	410	
Test Result Name	Unrounded Test Result	Verify Calculated CO2	
Carbon dioxide	399.26	--	
Manufacturer Test Comments	FE in miles per gallon. All emissions results in grams per mile. Vehicle driven in sport mode.		



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Certification Summary Information Report

Test Group		TKGGV05.0JSK				Evaporative/Refueling Family				TKGGR0130JSK		
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 125	NMOG	0.0020	--	--	--	0.0149	--	0.017	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG+NOX	0.0070	--	--	--	--	--	0.033	0.125	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NOX	0.0050	--	--	--	0.0115	--	0.016	99.000	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG	0.0020	--	--	--	0.0149	--	0.017	99.000	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG+NOX	0.0070	--	--	--	--	--	0.033	0.125	Pass
CA	150,000 miles	California LEV-IV ULEV125	NOX	0.0050	--	--	--	0.0115	--	0.016	99.000	Pass



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Certification Summary Information Report

Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Test #	SKGG10088749	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	06/18/2024	Fuel	Gasoline
Fuel Batch ID	20524	Fuel Calibration Number	1350
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	Maserati SpA laboratorio emissioni		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	18176	Odometer Units	K
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)	506.976	--	
CO BAG 1 (Bag 1 Carbon Monoxide)	0.614	--	
FE BAG 1 (Bag 1 Fuel Economy)	12.513	12.513	
CH4 BAG 1 (Bag 1 Methane)	0.016	--	
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.014	--	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	695.815	--	
CO BAG 2 (Bag 2 Carbon Monoxide)	0.399	--	
FE BAG 2 (Bag 2 Fuel Economy)	19.322	19.322	
CH4 BAG 2 (Bag 2 Methane)	0.011	--	
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.01	--	
METHANE (CH4 - Methane)	0.027	--	
CO (Carbon Monoxide)	0.047	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	8.58	--	
DT-EER (Drive Trace Energy Economy Rating)	-2.41	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-12.69	--	
MFR FE (Manufacturer Fuel Economy)	16.868	16.868	
NOX (Nitrogen Oxide)	0.009	--	
HC-NM (Non-methane Hydrocarbon)	0.023	--	
NMOG (Non-methane organic gases)	0.023	--	
PM (Particulate Matter)	0.002	--	
HC-TOTAL (Total Hydrocarbon)	0.047	--	



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Test Group		TKGGV05.0JSK				Evaporative/Refueling Family				TKGGR0130JSK		
Test Result Name				Unrounded Test Result				Verify Calculated CREE/OPT-CREE				
Carbon-Related Exhaust Emissions				529.417				--				
Test Result Name				Unrounded Test Result				Verify Calculated CO2				
Carbon dioxide				506.98				--				
Manufacturer Test Comments FE in miles per gallon. All emissions results in grams per mile. Vehicle driven in sport mode.												
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 125	CO	0.05	--	--	--	0.38	--	0.4	9.6	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG	0.0230	--	--	--	0.0149	--	0.038	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG+NOX	0.0320	--	--	--	--	--	0.058	0.120	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NOX	0.0090	--	--	--	0.0115	--	0.020	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	PM	0.0020	--	--	--	0.000	--	0.002	0.006	Pass
CA	150,000 miles	California LEV-IV ULEV125	CO	0.05	--	--	--	0.38	--	0.4	9.6	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG	0.0230	--	--	--	0.0149	--	0.038	99.000	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG+NOX	0.0320	--	--	--	--	--	0.058	0.125	Pass
CA	150,000 miles	California LEV-IV ULEV125	NOX	0.0090	--	--	--	0.0115	--	0.020	99.000	Pass
CA	150,000 miles	California LEV-IV ULEV125	PM	0.0020	--	--	--	0.000	--	0.002	0.003	Pass



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Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK																																	
Test #	SKGG10088748	Test Procedure	95 - SC03																																	
Exhaust Test # for this Evap Test	--	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)																																	
Test Date	01/07/2024	Fuel	Gasoline																																	
Fuel Batch ID	20524	Fuel Calibration Number	1350																																	
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned																																	
Verify Test Lab ID	Maserati SpA laboratorio emissioni																																			
E10 Evaporative Test Measurement Method	--																																			
Test Start Odometer Reading	9354	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	No																																	
Test Results																																				
<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated FE Equivalent Value (miles per gallon)</th></tr><tr><td>METHANE (CH4 - Methane)</td><td>0.01</td><td>--</td></tr><tr><td>CO (Carbon Monoxide)</td><td>0.09</td><td>--</td></tr><tr><td>DT-ASCR (Drive Trace Absolute Speed Change Rating)</td><td>-3.06</td><td>--</td></tr><tr><td>DT-EER (Drive Trace Energy Economy Rating)</td><td>-0.82</td><td>--</td></tr><tr><td>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</td><td>-1.89</td><td>--</td></tr><tr><td>MFR FE (Manufacturer Fuel Economy)</td><td>11.646</td><td>11.646</td></tr><tr><td>NOX (Nitrogen Oxide)</td><td>0.004</td><td>--</td></tr><tr><td>HC-NM (Non-methane Hydrocarbon)</td><td>0.019</td><td>--</td></tr><tr><td>NMOG (Non-methane organic gases)</td><td>0.02</td><td>--</td></tr><tr><td>HC-TOTAL (Total Hydrocarbon)</td><td>0.029</td><td>--</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)	METHANE (CH4 - Methane)	0.01	--	CO (Carbon Monoxide)	0.09	--	DT-ASCR (Drive Trace Absolute Speed Change Rating)	-3.06	--	DT-EER (Drive Trace Energy Economy Rating)	-0.82	--	DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-1.89	--	MFR FE (Manufacturer Fuel Economy)	11.646	11.646	NOX (Nitrogen Oxide)	0.004	--	HC-NM (Non-methane Hydrocarbon)	0.019	--	NMOG (Non-methane organic gases)	0.02	--	HC-TOTAL (Total Hydrocarbon)	0.029	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)																																		
METHANE (CH4 - Methane)	0.01	--																																		
CO (Carbon Monoxide)	0.09	--																																		
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-3.06	--																																		
DT-EER (Drive Trace Energy Economy Rating)	-0.82	--																																		
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-1.89	--																																		
MFR FE (Manufacturer Fuel Economy)	11.646	11.646																																		
NOX (Nitrogen Oxide)	0.004	--																																		
HC-NM (Non-methane Hydrocarbon)	0.019	--																																		
NMOG (Non-methane organic gases)	0.02	--																																		
HC-TOTAL (Total Hydrocarbon)	0.029	--																																		
<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated CREE/OPT-CREE</th></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>736.591</td><td>--</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	Carbon-Related Exhaust Emissions	736.591	--																											
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE																																		
Carbon-Related Exhaust Emissions	736.591	--																																		
<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated CO2</th></tr><tr><td>Carbon dioxide</td><td>736.58</td><td>--</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated CO2	Carbon dioxide	736.58	--																											
Test Result Name	Unrounded Test Result	Verify Calculated CO2																																		
Carbon dioxide	736.58	--																																		
Manufacturer Test Comments	FE in miles per gallon. All emissions results in grams per mile. Vehicle driven in sport mode.																																			



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Certification Summary Information Report

Test Group		TKGGV05.0JSK				Evaporative/Refueling Family				TKGGR0130JSK		
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 125	CO	0.09	--	--	--	0.38	--	0.5	3.2	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG	0.0200	--	--	--	0.0149	--	0.035	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG+NOX	0.0240	--	--	--	--	--	0.050	0.070	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NOX	0.0040	--	--	--	0.0115	--	0.016	99.000	Pass
CA	150,000 miles	California LEV-IV ULEV125	CO	0.09	--	--	--	0.38	--	0.5	2.1	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG	0.0200	--	--	--	0.0149	--	0.035	99.000	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG+NOX	0.0240	--	--	--	--	--	0.050	0.125	Pass
CA	150,000 miles	California LEV-IV ULEV125	NOX	0.0040	--	--	--	0.0115	--	0.016	99.000	Pass

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Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK						
Emission Data Vehicle Information									
Vehicle ID / Configuration	YT9PR1E16LA007255 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SKGGV0.50JSK	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Koenigsegg	Represented Test Vehicle Model	Jesko Attack						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
	<table><tr><th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr><tr><td>1</td><td>Combustion Engine</td><td>Gasoline</td></tr></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	No								
Odometer Correction -- Initial	0	Odometer Correction Factor	1						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	2107-001	Rated Horsepower	1280						
Displacement (liters)	5								
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	2	Air Aspiration Device Configuration	Parallel						
Charge Air Cooler Type	Liquid	Drive Mode While Testing	2-Wheel Drive, Rear						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	3448	Equivalent Test Weight (pounds)	3750						
GVWR (lbs)	3792	N/V Ratio	3.6						
Axle Ratio	3.45								
Transmission Type	Automated Manual- Selectable (e.g. Automated Manual with paddles)	# of Transmission Gears	9						
Transmission Lockup	No	Creep Gear	No						



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Test Group	TKGGV05.0JSK			Evaporative/Refueling Family			TKGGR0130JSK
Dynamometer Coefficients:							
	Target Coefficients			Set Coefficients			
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
City/Highway/Evap	47.21	0.241	0.02752	30.124	0.0286	0.02809	17.1
Cold CO	51.931	0.265	0.03028	23.2	-0.0434	0.03192	N/A
US06	47.21	0.241	0.02752	30.124	0.0286	0.02809	N/A
Emission Control Device Comments	--						
Manufacturer Test Vehicle Comments	--						



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Certification Summary Information Report

Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Test #	SKGG10088777	Test Procedure	31 - Federal fuel 3-day exhaust
Exhaust Test # for this Evap Test	--	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)
Test Date	11/22/2024	Fuel	Gasoline
Fuel Batch ID	66088	Fuel Calibration Number	3788
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	IDIADA		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	7456	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)	684.85	--	
FE BAG 1 (Bag 1 Fuel Economy)	12.7333	12.7333	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	824.327	--	
FE BAG 2 (Bag 2 Fuel Economy)	10.6147	10.6147	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	595.087	--	
FE BAG 3 (Bag 3 Fuel Economy)	14.7084	14.7084	
METHANE (CH4 - Methane)	0.031	--	
CO (Carbon Monoxide)	0.715	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.43	--	
DT-EER (Drive Trace Energy Economy Rating)	-0.77	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.07	--	
HCHO (Formaldehyde)	0.00066	--	
MFR FE (Manufacturer Fuel Economy)	11.9369	11.9369	
NOX (Nitrogen Oxide)	0.026	--	
HC-NM (Non-methane Hydrocarbon)	0.022	--	
NMOG (Non-methane organic gases)	0.025	--	
HC-TOTAL (Total Hydrocarbon)	0.051	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	732.621	999	



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Certification Summary Information Report

Test Group	TKGGV05.0JSK				Evaporative/Refueling Family				TKGGR0130JSK																			
<table><tr><td colspan="2">Test Result Name</td><td colspan="3">Unrounded Test Result</td><td colspan="3">Verify Calculated CO2</td></tr><tr><td colspan="2">Carbon dioxide</td><td colspan="3">732.59</td><td colspan="3">--</td></tr></table>													Test Result Name		Unrounded Test Result			Verify Calculated CO2			Carbon dioxide		732.59			--		
Test Result Name		Unrounded Test Result			Verify Calculated CO2																							
Carbon dioxide		732.59			--																							
Manufacturer Test Comments FE in miles per gallon. All emissions results in grams per mile. Vehicle driven in sport mode. ORVR																												
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 125	CO	0.72	--	--	--	0.38	--	1.1	2.1	Pass																
Fed	150,000 miles	Federal Tier 3 Bin 125	HCHO	0.0007	--	--	--	0.0005	--	0.001	0.004	Pass																
Fed	150,000 miles	Federal Tier 3 Bin 125	METHANE	0.0310	--	--	--	0.000	--	0.031	0.032	Pass																
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG	0.0250	--	--	--	0.0149	--	0.040	99.000	Pass																
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG+NOX	0.0510	--	--	--	--	--	0.077	0.125	Pass																
Fed	150,000 miles	Federal Tier 3 Bin 125	NOX	0.0260	--	--	--	0.0115	--	0.038	99.000	Pass																
CA	150,000 miles	California LEV-IV ULEV125	CO	0.72	--	--	--	0.38	--	1.1	2.1	Pass																
CA	150,000 miles	California LEV-IV ULEV125	HCHO	0.0007	--	--	--	0.0005	--	0.001	0.004	Pass																
CA	150,000 miles	California LEV-IV ULEV125	METHANE	0.0310	--	--	--	0.000	--	0.031	0.032	Pass																
CA	150,000 miles	California LEV-IV ULEV125	NMOG	0.0250	--	--	--	0.0149	--	0.040	99.000	Pass																
CA	150,000 miles	California LEV-IV ULEV125	NMOG+NOX	0.0510	--	--	--	--	--	0.077	0.125	Pass																
CA	150,000 miles	California LEV-IV ULEV125	NOX	0.0260	--	--	--	0.0115	--	0.038	99.000	Pass																



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Certification Summary Information Report

Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Test #	SKGG10091115	Test Procedure	31 - Federal fuel 3-day exhaust
Exhaust Test # for this Evap Test	--	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @ Low Alt.)
Test Date	05/07/2025	Fuel	Gasoline
Fuel Batch ID	67414	Fuel Calibration Number	3406
Vehicle Class	LDV/Passenger Car	DF Type	EPA Assigned
Verify Test Lab ID	IDIADA		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	7968	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)	715.125	--	
FE BAG 1 (Bag 1 Fuel Economy)	12.1372	12.1372	
CO2 BAG 2 (Bag 2 Carbon Dioxide)	865.749	--	
FE BAG 2 (Bag 2 Fuel Economy)	10.0534	10.0534	
CO2 BAG 3 (Bag 3 Carbon Dioxide)	618.897	--	
FE BAG 3 (Bag 3 Fuel Economy)	14.0649	14.0649	
METHANE (CH4 - Methane)	0.028	--	
CO (Carbon Monoxide)	0.537	--	
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.65	--	
DT-EER (Drive Trace Energy Economy Rating)	0.62	--	
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.48	--	
HCHO (Formaldehyde)	0.001422	--	
MFR FE (Manufacturer Fuel Economy)	11.3476	11.3476	
NOX (Nitrogen Oxide)	0.033	--	
HC-NM (Non-methane Hydrocarbon)	0.031	--	
NMOG (Non-methane organic gases)	0.0346	--	
HC-TOTAL (Total Hydrocarbon)	0.058	--	
Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE	
Carbon-Related Exhaust Emissions	766.638	999	



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Test Group		TKGGV05.0JSK				Evaporative/Refueling Family				TKGGR0130JSK		
		Test Result Name		Unrounded Test Result			Verify Calculated CO2					
		Carbon dioxide		766.61			--					
Manufacturer Test Comments FE in miles per gallon. All emissions results in grams per mile. Vehicle driven in sport mode.												
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 125	CO	0.54	--	--	--	0.38	--	0.9	2.1	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	HCHO	0.0014	--	--	--	0.0005	--	0.002	0.004	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	METHANE	0.0280	--	--	--	0.000	--	0.028	0.032	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG	0.0346	--	--	--	0.0149	--	0.050	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NMOG+NOX	0.0676	--	--	--	--	--	0.094	0.125	Pass
Fed	150,000 miles	Federal Tier 3 Bin 125	NOX	0.0330	--	--	--	0.0115	--	0.044	99.000	Pass
CA	150,000 miles	California LEV-IV ULEV125	CO	0.54	--	--	--	0.38	--	0.9	2.1	Pass
CA	150,000 miles	California LEV-IV ULEV125	HCHO	0.0014	--	--	--	0.0005	--	0.002	0.004	Pass
CA	150,000 miles	California LEV-IV ULEV125	METHANE	0.0280	--	--	--	0.000	--	0.028	0.032	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG	0.0346	--	--	--	0.0149	--	0.050	99.000	Pass
CA	150,000 miles	California LEV-IV ULEV125	NMOG+NOX	0.0676	--	--	--	--	--	0.094	0.125	Pass
CA	150,000 miles	California LEV-IV ULEV125	NOX	0.0330	--	--	--	0.0115	--	0.044	99.000	Pass



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Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK						
Test #	SKGG10091116	Test Procedure	34 - Federal fuel 3-day evap						
Exhaust Test # for this Evap Test	SKGG10091115	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)						
Test Date	05/07/2025	Fuel	Gasoline						
Fuel Batch ID	67414	Fuel Calibration Number	3406						
Vehicle Class	N/A	DF Type	EPA Assigned						
Verify Test Lab ID	IDIADA								
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)								
Test Start Odometer Reading	7968	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									
<table><tr><td>Test Result Name</td><td>Unrounded Test Result</td><td>Verify Calculated FE Equivalent Value</td></tr><tr><td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td><td>0.487</td><td>--</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value	HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.487	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value							
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.487	--							
Manufacturer Test Comments E10 Evaporative Test Measurement Method Calculated (1.08 x FID Total Hydrocarbons)									
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	0.4870	0.0000	0.487	0.500	Pass	
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.4870	0.0000	0.487	0.500	Pass	



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Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK						
Test #	SKGG10088778	Test Procedure	24 - Federal fuel refueling test (ORVR)						
Exhaust Test # for this Evap Test	SKGG10088777	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)						
Test Date	11/22/2024	Fuel	Gasoline						
Fuel Batch ID	66088	Fuel Calibration Number	3788						
Vehicle Class	N/A	DF Type	EPA Assigned						
Verify Test Lab ID	IDIADA								
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)								
Test Start Odometer Reading	7456	Odometer Units	K						
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									
<table><tr><td>Test Result Name</td><td>Unrounded Test Result</td><td>Verify Calculated FE Equivalent Value</td></tr><tr><td>HC (Hydrocarbon for Running Loss and ORVR)</td><td>0.007</td><td>--</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value	HC (Hydrocarbon for Running Loss and ORVR)	0.007	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value							
HC (Hydrocarbon for Running Loss and ORVR)	0.007	--							
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	0.007	0.006	0.01	0.20	Pass	
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC	0.007	0.006	0.01	0.20	Pass	



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Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK						
Test #	SKGG10091126	Test Procedure	32 - Federal Fuel Running Loss						
Exhaust Test # for this Evap Test	SKGG10091115	Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)						
Test Date	05/07/2025	Fuel	Gasoline						
Fuel Batch ID	67414	Fuel Calibration Number	3406						
Vehicle Class	N/A	DF Type	EPA Assigned						
Verify Test Lab ID	IDIADA								
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)								
Test Start Odometer Reading	7968	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	No						
Test Results									
<table><tr><th>Test Result Name</th><th>Unrounded Test Result</th><th>Verify Calculated FE Equivalent Value</th></tr><tr><td>HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)</td><td>0.015336</td><td>--</td></tr></table>				Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value	HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.015336	--
Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value							
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.015336	--							
Manufacturer Test Comments E10 Evaporative Test Measurement Method Calculated (1.08 x FID Total Hydrocarbons)									
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	0.015	0.000	0.02	0.05	Pass	
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.015	0.000	0.02	0.05	Pass	



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Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Fuel Properties			
Fuel Batch ID	20524	Fuel Calibration Number	1350
Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	07/19/2023
Fuel Batch Calibration Effective Date	07/19/2023	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	0.76
Fuel Ethanol Volume Percent (%)	9.5	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	42.375	Fuel Carbon Mass Fraction (E10)	0.836
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	67414	Fuel Calibration Number	3406
Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	05/07/2024
Fuel Batch Calibration Effective Date	05/07/2024	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	0.753
Fuel Ethanol Volume Percent (%)	9.7	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17960
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.83	Weight Fraction CO2	--
Fuel Batch ID	66088	Fuel Calibration Number	3788
Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	04/04/2024
Fuel Batch Calibration Effective Date	04/04/2024	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	0.754
Fuel Ethanol Volume Percent (%)	9.5	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	17730
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.827	Weight Fraction CO2	--
Fuel Batch ID	205240	Fuel Calibration Number	1350
Test Fuel Type	49 - Tier 3 E10 Premium Gasoline (9 RVP @Low Alt.)	Fuel Batch Calibration Date	07/19/2023



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Test Group	TKGGV05.0JSK	Evaporative/Refueling Family	TKGGR0130JSK
Fuel Batch Calibration Effective Date	07/19/2023	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	0.76
Fuel Ethanol Volume Percent (%)	9.5	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	18298
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.836	Weight Fraction CO2	--
Fuel Batch ID	20523	Fuel Calibration Number	8340
Test Fuel Type	61 - Tier 2 Cert Gasoline	Fuel Batch Calibration Date	01/29/2024
Fuel Batch Calibration Effective Date	01/29/2024	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	0.742
Fuel Ethanol Volume Percent (%)	--	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	18376
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.852	Weight Fraction CO2	--
Fuel Batch ID	51365	Fuel Calibration Number	79
Test Fuel Type	29 - Cold CO E10 Premium Gasoline (Tier 3)	Fuel Batch Calibration Date	01/10/2023
Fuel Batch Calibration Effective Date	01/10/2023	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	0.732
Fuel Ethanol Volume Percent (%)	9.4	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.722	Fuel Carbon Mass Fraction (E10)	0.835
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	Weight Fraction CO2	--
Fuel Batch ID	180236	Fuel Calibration Number	1001
Test Fuel Type	46 - CARB LEV3 E10 Regular Gasoline	Fuel Batch Calibration Date	08/21/2021
Fuel Batch Calibration Effective Date	08/21/2021	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 (%)	9.5	Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)	18376
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	Fuel Carbon Mass Fraction (E10)	--



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Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.852	Weight Fraction CO2	--



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Test Group		TKGGV05.0JSK		Evaporative/Refueling Family		TKGGR0130JSK			
Consolidated List of Standards									
Exhaust Standards									
Cert Region		California + CAA Section 177 states			Cert/In-Use Code		Cert		
Vehicle Class		LDV/Passenger Car			Standard Level		California LEV-IV ULEV125		
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	--	--	--	--	--	--	0.38	2.1
150,000 miles	HCHO	--	--	--	--	--	--	0.0005	0.004
150,000 miles	METHANE	--	--	--	--	--	--	0.000	0.032
150,000 miles	N2O	--	--	--	--	--	--	--	0.010
150,000 miles	NMOG	--	--	--	--	--	--	0.0149	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.125
150,000 miles	NOX	--	--	--	--	--	--	0.0115	99.000
150,000 miles	PM	--	--	--	--	--	--	0.000	0.003
Cert Region		California + CAA Section 177 states			Cert/In-Use Code		Cert		
Vehicle Class		LDV/Passenger Car			Standard Level		California LEV-IV ULEV125		
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	--	--	--	--	--	--	0.0149	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0347	0.125
150,000 miles	NOX	--	--	--	--	--	--	0.0115	99.000



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Test Group		TKGGV05.0JSK			Evaporative/Refueling Family			TKGGR0130JSK	
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 125	
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	--	--	--	--	--	--	0.38	2.1
150,000 miles	HCHO	--	--	--	--	--	--	0.0005	0.004
150,000 miles	METHANE	--	--	--	--	--	--	0.000	0.032
150,000 miles	N2O	--	--	--	--	--	--	0.000	0.010
150,000 miles	NMOG	--	--	--	--	--	--	0.0149	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.125
150,000 miles	NOX	--	--	--	--	--	--	0.0115	99.000
150,000 miles	PM	--	--	--	--	--	--	0.000	0.006
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-IV ULEV125	
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	--	--	--	--	--	--	0.38	2.1
150,000 miles	NMOG	--	--	--	--	--	--	0.0149	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.125
150,000 miles	NOX	--	--	--	--	--	--	0.0115	99.000
150,000 miles	PM	--	--	--	--	--	--	0.000	0.003
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-IV ULEV125	
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	--	--	--	--	--	--	0.11	10.0



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Test Group		TKGGV05.0JSK			Evaporative/Refueling Family			TKGGR0130JSK	
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 125	
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	--	--	--	--	--	--	0.0149	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.125
150,000 miles	NOX	--	--	--	--	--	--	0.0115	99.000

Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 125	
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	--	--	--	--	--	--	0.38	3.2
150,000 miles	NMOG	--	--	--	--	--	--	0.0149	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.070
150,000 miles	NOX	--	--	--	--	--	--	0.0115	99.000

Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 125	
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	--	--	--	--	--	--	0.38	9.6
150,000 miles	NMOG	--	--	--	--	--	--	0.0149	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.120
150,000 miles	NOX	--	--	--	--	--	--	0.0115	99.000
150,000 miles	PM	--	--	--	--	--	--	0.000	0.006



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Test Group		TKGGV05.0JSK			Evaporative/Refueling Family			TKGGR0130JSK	
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-IV ULEV125	
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	--	--	--	--	--	--	0.38	9.6
150,000 miles	NMOG	--	--	--	--	--	--	0.0149	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.125
150,000 miles	NOX	--	--	--	--	--	--	0.0115	99.000
150,000 miles	PM	--	--	--	--	--	--	0.000	0.003
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 125	
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	--	--	--	--	--	--	0.11	10.0
120,000 miles	HC-NM	--	--	1.1	--	--	--	0.0141	0.3
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		LDV/Passenger Car			Standard Level			California LEV-IV ULEV125	
Fuel		Gasoline			Test Procedure			CA fuel 50 Deg(F) exhaust test	
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	HCHO	--	--	--	--	--	--	--	0.016
4,000 miles	NMOG	--	--	1.1	--	--	--	--	99.000
4,000 miles	NMOG+NOX	--	--	1.1	--	--	1	--	0.250
4,000 miles	NOX	--	--	--	--	--	--	--	99.000
Evaporative/Refueling Standards									



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Test Group		TKGGV05.0JSK		Evaporative/Refueling Family		TKGGR0130JSK	
Evaporative/Refueling Family		TKGGR0130JSK		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code		Cert		Standard Level		California LEV-IV Zero Evap (Option 2)	
Test Procedure		Federal fuel 3-day evap					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.0000		
Evaporative/Refueling Family		TKGGR0130JSK		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code		Cert		Standard Level		California LEV-III Zero Evap (Option 2)	
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	0.00		
Evaporative/Refueling Family		TKGGR0130JSK		Cert Region		Federal	
Cert/In-Use Code		Cert		Standard Level		Federal Tier 3 Evap	
Test Procedure		Federal fuel 3-day evap					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF		
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.500	0.0000		
Evaporative/Refueling Family		TKGGR0130JSK		Cert Region		Federal	
Cert/In-Use Code		Cert		Standard Level		Federal Tier 3 Evap	
Test Procedure		Federal 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		TKGGR0130JSK		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	--	0.20	0.006		



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Evaporative/Refueling Family	TKGGR0130JSK		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code	Cert		Standard Level		California LEV-IV Zero Evap (Option 2)	
Test Procedure	Federal fuel refueling test (ORVR)					
Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF	
Gasoline	150,000 miles	HC	--	0.20	0.006	
Evaporative/Refueling Family	TKGGR0130JSK		Cert Region		California + CAA Section 177 states	
Cert/In-Use Code	Cert		Standard Level		California LEV-IV Zero Evap (Option 2)	
Test Procedure	Federal 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	TKGGR0130JSK		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	0.00	



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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



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Test Group		TKGGV05.0JSK	Evaporative/Refueling Family		TKGGR0130JSK
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	



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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		



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Test Group		TKGGV05.0JSK	Evaporative/Refueling Family		TKGGR0130JSK
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	



KGG conducted FTP, HWY, US06, and SC03 using Tier3 E10 gasoline and Cold using Cold E10 gasoline for Litmus. § 600.114-12 Vehicle-specific 5-cycle fuel economy and carbon-related exhaust emission calculations.

8. Emission Test Waiver Statement

Based on the best of Koenigsegg Automotive AB's (KGG) information and good engineering judgement, all vehicles contained within test groups covered in this application are expected to conform with the emissions standards for which emissions data are not provided, as allowed under 40 CFR 86.1810-01, 86.1810-09, 86.1829-01 and 86.1829-15.

- **Defeat Device**

Koenigsegg states that any element of design, system, or emission control device installed on or incorporated in Koenigsegg new motor vehicles or new motor vehicles engines, for the purpose of complying with standards prescribed under Section 202 of the Clean Air Act, are not equipped with auxiliary emission control devices that can be classified as a defeat device as defined in 40 CFR §86.1803-01. Koenigsegg's test and production vehicles do not have defeat devices. All AECs have been declared and described in the application. This test group has been designed and engineered to comply with 40 CFR 86.1809-12 (prohibition of defeat devices) and does not utilize alternate emissions control maps that are unique for testing purposes relative to on road operation.

- **Particulate Matter test (Otto-cycle)**

The vehicle design is substantially like existing designs that have particulate emission levels significantly below the standard, and this vehicle is expected to demonstrate similar characteristics. Based on a good engineering evaluation, vehicles in this test group are expected to comply with the particulate matter emission standards. According to 40 CFR §86.1829-15 (d)(2) we waive the data submittal based on this statement.

- **Emission standards that apply at high altitude**

Based on a good engineering evaluation, vehicles in this test group are expected to comply with the FTP, evaporative and refueling standards at high altitude. According to 40 CFR §86.1829-15(c) we waive the data submittal based on this statement.

- **Formaldehyde emissions**

Based on good engineering evaluation, vehicles in this test group are expected to comply with the FTP HCHO standards. According to 40 CFR § 86. 1829-15(d)(4) we waive the data submittal based on this statement.

- **Data submittal waiver for Idle CO Testing**

Based on our engineering evaluation of appropriate Idle CO emissions we state as the manufacturer, that our vehicles in this application comply with the applicable idle CO emission standards. According to 40CFR §86.1829-01(b)(5)(ii) we waive the data submittal based on this statement.

- **Data submittal waiver for Certification Short Test testing (CST) exhaust emission Compliance**

Based on our engineering evaluation of appropriate CST testing and I/M testing we state as the manufacturer that our vehicles included in this application comply with the applicable CST and I/M emission standards. According to 40 CFR §86.1829-01(b)(4)(ii) we waive the data submittal on the basis of this statement.

- **Fuel dispensing spit-back**

All vehicles in the test group are equipped with ORVR-systems, as so equipped these vehicles inherently meet the fuel dispensing spit-back standards as part of the compliance with the refueling emission standards.

- **Knock sensor is not a defeat device with RON91 fuel**



The city and highway fuel economy test result differences between comparing 91 RON operation and 96 RON operation are expected to be within 3%, and there are no emissions increases beyond normal test variability using 91 RON fuel when tested on the FTP and SFTP.

- **US06 SFTP A/F ratio**

Vehicles in this test group are expected to comply with the Federal SFTP / LBT +4% requirement. Enrichment calibrations richer than LBT +4% are to protect from emission control hardware failures, engine component failures, excessive coolant temperatures (hot coolant enrichment) and piston scuff. See further information in Section 11, AECD Descriptions.

- **Leak free exhaust system**

Koenigsegg Automotive AB (KGG) has conducted an engineering analysis of the complete exhaust system to ensure that the exhaust system has been designed (40CFR §86.1844-01(d)(16)):

- (A) To facilitate leak-free assembly, installation and operation for the full useful life of the vehicle; and
- (B) To facilitate that such repairs as might be necessary on a properly maintained and used vehicle can be performed in such a manner as to maintain leak-free operation, using tools commonly available in a motor vehicle dealership or independent repair shop for the full useful life of the vehicle.

The analysis covered the exhaust system and all related and attached components, from the engine block manifold gasket surface to a point sufficiently past the last catalyst and oxygen sensor in the system to assure that leaks beyond that point will not permit air to reach the oxygen sensor or catalyst under normal operating conditions. The design does not require any special tools or procedures for service or replacement.

In addition, a complete leak detection test is performed on every production car as part of the pre-delivery inspection. KGG has a 100% pass rate for this test.

The analysis performed in conjunction with the production conformity testing confirms that vehicles produced by KGG fulfill the leak-free exhaust system requirements.

- **ORVR system in-use**

The information below is in accordance with EPA Dear Manufacturer Letter CCD-05-03 – Attachment A.

Name of current Evaporative/Refueling Family: **TKGGR0130JSK**

1. Name of the most recent previously certified Evaporative/Refueling Family from which the current family is being carried over: **SKGGR0130JSK**
2. Statement of No Substantial Changes: **First approval.**
3. List of changes that have been implemented
 - a. **None**
4. Statement of No In-Use Problems:

Koenigsegg Automotive AB has issued no defect reports, service notifications, emissions or safety recalls, campaigns, instructions or bulletins to dealers or field personnel and there are no changes in production procedure or components related to the ORVR system except as listed below.

- a. **None**

- **Emissions continuity**

The Engine Control Module (ECM) has been calibrated to meet exhaust emission standards for Cold CO and FTP. No discontinuities were implemented in the calibration outside these two temperature windows. Based on engineering judgement it is expected that no discontinuity in emissions of NMOG, CO, CO₂, N₂O, NO_x, CH₄ and HCHO are expected on the FTP and Highway tests when tested at temperatures ranging from 20 to 86 degrees F.

- **High altitude cold NMHC**

The hardware and software emission control strategies used during low altitude condition testing are used similarly across all altitudes for in-use operation in accordance to the requirements of 40 CFR 86.1810-09(f)(2). Based on a good engineering evaluation, vehicles are expected to comply with the cold NMHC requirements at high altitude.

- **A/C on calibrations**

KAAB vehicles use NO A/C-on specific calibrations



- **Lean on cruise**

KAAB vehicles use NO lean-on-cruise strategies.

- **Emission control diagnostics**

The KAAB vehicles' emission control diagnostic system is adequate for the performance warranty test described in 40 CFR Part 85, subpart W.

- **High Altitude Evaporative/Refueling Emissions**

In accordance with 40 CFR 86.1829-15 (c), Koenigsegg hereby certifies that, based upon engineering evaluation and development tests, the vehicles of this test group comply with the high altitude evaporative/refueling emissions requirements.

- **High altitude Exhaust Emissions**

In accordance with 40 CFR §86.1829-01 and 40 CFR §86.1810-09(f)(2), and following our engineering evaluation of high-altitude emission testing, Koenigsegg confirms that all vehicles included in the respective applications meet the applicable emission standards at high altitudes. Koenigsegg hereby certifies that, based on engineering evaluations, its vehicles comply with the cold temperature NMHC standards outlined in §86.1811-10(g), as well as the CO₂, N₂O, and CH₄ exhaust emission standards specified in §86.1818-12. Additionally, Koenigsegg affirms that standardized calibration methods are applied consistently at high altitudes.

- **High Altitude Evaporative/Refueling Emissions**

In accordance with 40 CFR §86.1829-15(c), Koenigsegg hereby certifies that, based on engineering evaluations and development tests, the vehicles within this test group comply with the high-altitude evaporative and refueling emissions requirements.

- **Leak diagnostic statement**

Koenigsegg affirms that all light-duty vehicles included in the application comply with the applicable Leak Diameter standards. The OBD diagnostic detects leakage when in the fuel system a calibrated hole of 0.040" and 0.020" is made. The P-codes associated are respectively P0442 and P0456. In accordance with 40 CFR 86.1829-15(e)(4), we waive the data submittal based on this statement.

- **ORVR safety statement**

Koenigsegg Jesko ORVR system does not require a full ORVR safety application as allowed for by EPA communication CISD-06-06.

All ORVR software and hardware were certified by Koenigsegg on evaporative family 8KGG0130GBK. This test group is carryover from the approved 2008 MY with no changes, and it was validated on evaporative family TKGG10088777 to comply with Tier 3 BIN 125. This is in accordance with the guidance given in CISD-06-06.

- **OBD Compliances Statement**

The OBD system meets the full intent of both the Clean Air Act as amended in 1990, section 202(m), Title 13 CCR, §1968.2, and the federal OBD regulations contained in 40 CFR 86.1805-17 and 40 CFR 86.1806-01.

- **Waiver of two-diurnal evaporative certification test**

Koenigsegg hereby certifies that, based on good engineering judgement, the vehicle described in this Application for Certification complies with the standards for the supplemental two-diurnal test sequence, refer to § 86.1829-15 (e)(6).

- **Cold Temperature Defeat Device**

Koenigsegg confirms that its test group has been designed to comply with the intermediate temperature cold testing defeat device guidelines (25°F – 68°F). The cold fuel enrichment calibrations of this test group have been designed with at least proportional CO control of the interpolated standard at intermediate ambient temperatures.



This design control and development data run at intermediate temperatures serve to demonstrate compliance with the guidelines contained in 40 CFR § 86.1809-12(c).

- **Durability Provision Statement**

Koenigsegg hereby certifies that, based on sound engineering judgment and durability testing, the vehicle described in this Application for Certification meets all applicable intermediate and full useful life standards.

- **Emission Standards for LDV**

Based on sound engineering judgment, Koenigsegg affirms, in accordance with 40 CFR §86.1811-17, that all test vehicles for which data are submitted to demonstrate compliance with this part are, in all material respects, as described in our Application for Certification. These vehicles have been tested in accordance with the applicable test procedures, using the fuels and equipment specified in the application. Based on these tests, Koenigsegg certifies that the vehicles conform to the regulatory requirements.

- **Fuel storage system leak test procedure**

Koenigsegg certifies that the vehicles inherently meet the fuel storage system leak test procedure according to 40 CFR 1066.985.

- **91 RON testing / Knock sensor (CD-14-19)**

Koenigsegg ensures that the difference in city and highway fuel economy test results between 91 RON and 96 RON fuel is within 3%. Additionally, there are no significant emissions increases (beyond normal test variability) when using 91 RON fuel during testing on the FTP and SFTP cycles.

- **General compliance statement**

Koenigsegg states that any design element, system, or emission control device installed on or incorporated into Koenigsegg's new motor vehicle engines, for the purpose of complying with the standards prescribed under Section 202 of the Clean Air Act, will not, to the best of Koenigsegg's knowledge and belief, result in the emission of pollutants into the ambient air that cause or contribute to an unreasonable risk to public health or welfare, except as specifically permitted by the standards set forth under Section 202 of the Clean Air Act. Based on Koenigsegg's sound engineering judgment, the emission control systems do not increase toxic or noxious emissions and do not create unsafe conditions due to their use or potential malfunction.

9. OBD System Description

The OBD system is designed and calibrated to be fully compliant with the following regulations / specifications:

- Title 13, California Code of Regulations, Section 1968.2
- SAE J1979 – (R) E.E Diagnostic Test Modes
- ISO 15031-5 Road Vehicles – Communication between vehicle and external equipment for emissions related diagnostics –Part 5: Emissions –related diagnostic services
- ISO 15765-4 Road Vehicles –Diagnostics on Controller Area Networks (CAN) –Part 4: Requirement for emissions related systems.

The corresponding OBD diagnostic connector is designed and located in accordance with specification SAE J1962.

CARB OBD approval letter E-25-328 has four deficiencies.



10. Description of Alternate-fueled vehicles

Not Applicable.

11. AECD Descriptions

See details in Annex 1.

12. Description of vehicles covered by the certificate and test parameters

• Vehicle Parameters

12.1.1.	Carline	Two-seater
12.1.2.	Model Name	Jesko Attack / Jesko Absolut / CC850, Sadair's Spear
12.1.3.	Vehicle classification:	LDV, TIER 3 BIN 125
12.1.4.	Emission control system description:	PC, LEV IV ULEV 125
12.1.4.1.	Catalyst Type:	CAC, HO2S, SFI, TC, TWC, WR-H2OS
	Number:	Three-way catalyst
	Configuration:	2 per cylinder bank
12.1.4.2.	EGR type:	2 catalysts per four cylinders
12.1.4.3.	Air pump type:	N/A
12.1.4.4.	Fuel system type:	N/A
		Electronic Multipoint/Sequential Port Fuel Injection
12.1.4.5.	Intake air aspiration method:	Turbocharged, one per cylinder bank
12.1.4.6.	Other:	Charge Air Cooler
12.1.5.	Engine Code	2107-001
	Model Name	Jesko Attack / Jesko Absolut / CC850 / Sadair's Spear
	Transmission Type/Code	Automatic, 9-speed / T1100E
	Axle Ratio	3.45
12.1.6.	Number of valves per cylinder	4 (2 intake/2 exhaust)
12.1.7.	Engine displacement	5.0 Liters
12.1.8.	Sales area:	Federal, California & 177 states
12.1.9.	Transmission and overdrive:	Automatic nine-speed
12.1.10.	Shift Indicator Light	Not applicable
12.1.11.	Tire size	
	Front:	265/35 ZR19
	Rear:	345/30 ZR20
12.1.13.	Equivalent test weight [lb.]	3661.8
12.1.14.	Fuel tank volume [l]	19.0 Gallons
12.2.	Test Parameters:	(See CSI Report)
12.2.1.	Shift Schedules:	Not Applicable
12.2.2.	Fuel used	Gasoline
12.2.3.	Engine net power	985 kW, 1280 hp
12.2.4.	Engine net torque	1270Nm, 937ft*lbf
12.2.5.	Curb weight [lb.]	3448
12.2.6.	Road load HP at 50mph	17.1
12.2.7.	Dynamometer loading information	
12.2.7.1	Type of dynamometer:	Single Roll
12.2.7.2	Electric Dynamometer Target Coefficients:	
	A [lbf]:	47.108
	B [lbf/mph]:	0.2409



12.2.7.3.1.	<i>C [lbf/mph²]:</i>	0.02752
	<i>Electric Dynamometer Set Coefficients (Maserati):</i>	
	<i>A [lbf]:</i>	17.97
	<i>B [lbf/mph]:</i>	0.0702
12.2.7.3.2.	<i>C [lbf/mph²]:</i>	0.02887
	<i>Electric Dynamometer Set Coefficients (IDIADA):</i>	
	<i>A [lbf]:</i>	30.12
	<i>B [lbf/mph]:</i>	0.0286
12.2.7.4.	<i>C [lbf/mph²]:</i>	0.02809
	<i>Electric Dynamometer Cold CO Set</i>	
	<i>Coefficients:</i>	
	<i>A [lbf]:</i>	23.2
	<i>B [lbf/mph]:</i>	0.0434
	<i>C [lbf/mph²]:</i>	0.03192

13. Test parameters

Engine Starting Procedure, cold and hot

- Switch ignition ON by pushing the *ENGINE START STOP* button without applying pressure to any pedal
- Engage Dyno Mode, please contact Koenigsegg Certification organization for details
- Apply the brake pedal
- Start the engine by pushing the *ENGINE START STOP* button for 2-3 seconds

Note: Dyno Mode must be engaged after every engine start.

Repeating the starting attempt

- Push the *ENGINE START STOP* button again for 2-3 seconds with the brake pedal applied

Moving away

- Apply brake pedal
- Select forward gear by pulling the right shift paddle
- Release brake pedal
- Apply pressure on the accelerator pedal

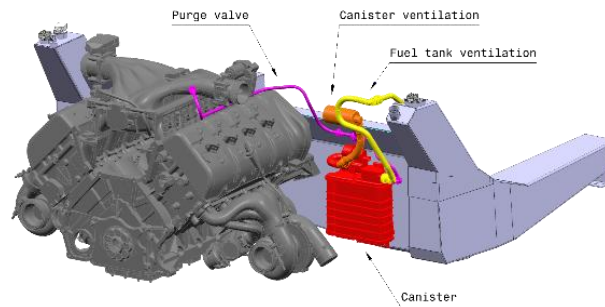
Selecting Neutral

- With the car at a standstill, pull both shift paddles simultaneously

Stopping the engine

- With the car at a standstill, select Neutral and push the *ENGINE START STOP* button

Evaporative testing parameters:



Running loss fuel tank temperature:

Single roll dynamometer RLHP coefficients City/Highway/Evap/US06 (as per SAE procedure J2263)

Dynamometer RLHP target coefficients

FTP75 / HWFET / US06 / SC03 / FTP50 / EVAPORATIVE			
F0	47.108		lbf
F1	0.2409		lbf/mph
F2	0.02752		lbf/mph ²
COLD CO			
F0	52.342		lbf
F1	0.2677		lbf/mph
F2	0.03058		lbf/mph ²

The laboratory performs road load derivation in accordance with SAE J2264 to establish the A, B, and C force coefficients for dynamometer power absorption.

Dynamometer RLHP Set coefficients

FTP75 / HWFET / US06 / SC03 / FTP50			
F0	17.97		lbf
F1	0.070		lbf/mph
F2	0.02887		lbf/mph ²
EVAPORATIVE			
F0	30.12		lbf
F1	0.0286		lbf/mph
F2	0.028099		lbf/mph ²
COLD CO			
F0	23.2		lbf
F1	0.0434		lbf/mph
F2	0.03192		lbf/mph ²



15. Request for Certificate



Koenigsegg Automotive AB
Kelliehousevägen 73
Ängelholm
262 74
Sweden

**Mr. David Wright
Certification Division
Mobile Source Pollution Control
U. S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105**

October 27, 2025

Subject: Request for Certificate of Conformity – 2026 MY Certification Application

Dear Mr. Wright,

Koenigsegg Automotive AB hereby submits its 50 state (Federal / CA) Part I Application for Certification for model year 2026 gasoline-powered light-duty vehicles (LDV), as outlined in test group TKGGV05.0JSK and evaporative/refueling family TKGGR0130JSK. Tier 3 E10 Premium fuel was used for Exhaust and Evaporative emission testing. Tier 2 (E0) fuel was used for the GHG and CAFÉ testing.

The vehicles in this application conform to the following emission standards:

- Federal Exhaust Standards: Tier 3 BIN 125
- Federal Evaporative/Refueling Standards: Tier 3
- California Exhaust Standards: LEV IV ULEV 125
- California Evaporative/Refueling Standards: LEV IV

Based on the good engineering judgment of Koenigsegg Automotive AB, all vehicles described in this Application for Certification have been designed and constructed to comply with the applicable intermediate and full useful life emission standards.

The application package is complete and has been submitted through the EV-CIS system for official review and approval.

This application has been prepared in accordance with the provisions of 40 CFR 86.1844-01(d)(14) including the provisions of 40 CFR Parts 85, 86 and 600, Koenigsegg requests that an Certificate of Conformity be issued for the LDV test group listed in this Application for Certification.

Koenigsegg respectfully requests that the Certificate of Conformity be issued by December 2025 to ensure alignment with our production and certification timelines.



Koenigsegg Automotive AB
Kelliehousevägen 73
Ängelholm
262 74
Sweden

We appreciate your prompt review of this application. Should you require additional information or have any questions, please contact:

- Ed Ponagai, Consultant ed@vehee.com, +1 517-414-2145, if you have any questions regarding this submission.

Respectfully,

Johan Wretborn
Koenigsegg Automotive AB
Head of Car Platform
Johan.wretborn@koenigsegg.com
Kelliehousevägen 73, 262 74, Ängelholm, Sweden
+46 709 10 53 10



16. Request for Executive Order



Koenigsegg Automotive AB
Kelliehousevägen 73
Ängelholm
262 74
Sweden

**Ms. Robin U. Lang, Chief
Emissions Certification and Compliance Division
California Air Resources Board
4001 Iowa Ave.
Riverside, California 92507**

October 27, 2025

Dear Ms. Lang,

Subject: Request for Executive Order – MY2026

Dear Ms. Lang,

Koenigsegg Automotive AB hereby submits its 50 state (Federal / CA) Part I Application for Certification for model year 2026 gasoline-powered light-duty vehicles (LDV), as outlined in test group TKGGV05.0JSK and evaporative/refueling family TKGGR0130JSK. Tier 3 E10 premium fuel was used for Exhaust and Evaporative emission testing.

The vehicles in this application conform to the following emission standards:

- Federal Exhaust Standards: Tier 3 BIN 125
- Federal Evaporative/Refueling Standards: Tier 3
- California Exhaust Standards: LEV IV ULEV 125
- California Evaporative/Refueling Standards: LEV IV

Based on the good engineering judgment of Koenigsegg Automotive AB, all vehicles described in this Application for Certification have been designed and constructed to comply with the applicable intermediate and full useful life emission standards.

The application package is complete and has been submitted through the e-filing system for official review and approval. This Application has been prepared in accordance with the provisions of 40 CFR 86.1844-01(d)(14), and the applicable requirements of 40 CFR Parts 85, 86, and 600, as well as the relevant California amendments incorporated by reference, including Title 13, California Code of Regulations (CCR) Section 1961.4.

Koenigsegg Automotive AB hereby respectfully requests that an Executive Order (EO) be issued for the Light-Duty Vehicle (LDV) test group identified in this Application for Certification. To ensure alignment with Koenigsegg's production and certification schedule, issuance of the Executive Order by December 2026 is requested.



Koenigsegg Automotive AB
Kelliehousevägen 73
Ängelholm
262 74
Sweden

Koenigsegg appreciates the Agency's prompt review and consideration of this Application. Should any additional information, clarification, or documentation be required to complete the review, please contact:

Ed Ponagai, Consultant ed@vehee.com, +1 517-414-2145, if you have any questions regarding this submission.

Respectfully,

Johan Wretborn
Koenigsegg Automotive AB
Head of Car Platform
Johan.wretborn@koenigsegg.com
Kelliehousevägen 73, 262 74, Ängelholm, Sweden
+46 709 10 53 10



Confirmation of EPA Certification Fee payment

AB&T Compliance Plan

FTP NMOG+NOX

Koenigsegg will submit end of year AT&T report demonstrating compliance with the applicable fleet average NMOG+NO_x standards from §§ 86.1811-17 to EPA by May 1 after production ends; CARB AB&T report submitted by March 1 following the end of the model year.

SFTP NMOG+NOX

Koenigsegg will use, according to CFR § 86.1811-17, the SFTP stand-alone option specified in 13 CCR § 1961.2 (a)(7)(A)1 of the Tier III, LEV III program, credits cannot be collected using the stand-alone option.

Cold NMHC

Koenigsegg vehicles are complying with the requirements from the regulation with these pollutants and will submit ABT end of year report.

Evaporative

Koenigsegg will purchase credits to demonstrate compliance with the applicable fleet average requirements and submit AB&T report to EPA by May 1 after production ends; CARB AB&T report submitted by March 1 following the end of the model year.

17. Service Manuals, Service Bulletins

Owner's Manuals and Warranty Booklets provided under separate cover.

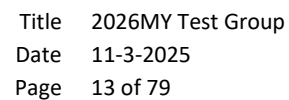
18. Vehicle Emission Control Information (Tune-Up) Label

	Koenigsegg Automotive AB	
	VEHICLE EMISSION CONTROL INFORMATION	
Conforms to regulations: 2026MY		
U.S. EPA class/stds: LDV/Tier 3 BIN 125 OBD: CA OBD II		
California class/stds: PC/LEV IV ULEV125 OBD: CA OBD II		
NO ADJUSTMENTS NEEDED		
CAC/SFI/HO2S/AIR/TC/TWC/WR-HO2S/WU-TWC		
Group: TKGGV05.OJSK 5.0 Liters		Fuel: Gasoline
EVAP: TKGGR0130JSK		

1007000-A

19. Monroney Label

The Environmental Performance label example will be an integrated part of the Monroney label as per CALIFORNIA ENVIRONMENTAL PERFORMANCE LABEL SPECIFICATIONS FOR 2009 AND SUBSEQUENT MODEL YEAR PASSENGER CARS, LIGHT-DUTY TRUCKS, AND MEDIUM-DUTY PASSENGER VEHICLES. Adopted: May 2, 2008, Amended: September 2, 2015.



20. ORVR safety approval

All ORVR software and hardware were certified by Koenigsegg on evaporative family 8KGG0130GBK. This test group is carryover from the approved 2008 MY with no changes, and it was validated on evaporative family TKGG10088777 to comply with Tier 3 BIN 125. This is in accordance with the guidance given in C1SD-06-06.

21. California ARB Information

CARB fee payment confirmation

Production Vehicles versus Test Vehicles

Label Durability

Koenigsegg states that the Emission Control Labels are designed to be durable for the vehicle's total expected life, under the conditions in the area where the labels are attached. Typical vehicle environmental conditions shall include, but are not limited to, exposure to engine lubricants and coolants, under hood temperatures, steam cleaning, and paints or paint solvents.



Drivability Statement

The vehicles for which certification is requested possess drivability and performance characteristics that meet our standard requirements for vehicles sold in the United States.

ASM/IM Compliance Statement

Certification of Compliance with Accelerated Simulation Mode (ASM) Loaded Mode Inspection and Maintenance (I/M) Standards. Based on engineering evaluation and in accordance with MAC #99-05, Koenigsegg hereby confirms that the vehicles included in this test group comply with the applicable ASM I/M standards. In accordance with 40 CFR §86.1829-01(b)(4)(ii), we hereby waive the data submission requirement based on this certification statement.

Assembly Line NMOG and HCHO factors

The following factors will be used to show compliance with the NMOG and HCHO assembly line emissions standards if applicable. NMOG/NMHC: 1.10 HCHO/NMHC: 0.02.

AB&T Option Selection

According to CARB regulation, Koenigsegg selects Option 2 for AB&T reporting. Koenigsegg selects Option 2 for GHG reporting under. CCR 1961.3(a)(5)(D).

Adjustable Parameters/Tamper Resistance Statement

Since no calibration parameters are adjustable, tamper-resistance measures are not required.

Warranty Statement

Our statement with regard to the Emission Control System Warranty complies with the Paragraphs contained in the provisions of Title 13 § 2039 of California Code of Federal Regulations, Chapter 1, Article 6.

A sample of the California warranty statement follows below:

“California Emissions Control System Warranties”*

Your Warranty Rights and Obligations

The California Air Resources Board and Koenigsegg is pleased to explain the emission control system warranty on your model year 2026 Koenigsegg vehicle. In California new motor vehicles must be designed, built and equipped to meet the State’s stringent anti-smog standards. Koenigsegg must warrant the emission control system on your vehicle for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your vehicle.

Your emission control system may include parts such as the fuel-injection system, the ignition system, catalytic converter, and engine computer. Also included may be hoses, belts, connectors, and other emission-related assemblies. Where a warrantable condition exists, Koenigsegg will repair your vehicle at no cost to you including parts and labor.”

Manufacturer’s warranty coverage:

For 3 years or 50,000 miles, whichever occurs first:

- If your vehicle fails a Smog Check inspection, all necessary repairs and adjustments will be made by Koenigsegg to ensure that your vehicle passes the inspection. This is your emission control system PERFORMANCE WARRANTY.



- If any emission-related part on your vehicle is defective, the part will be repaired or replaced by Koenigsegg. This is your short-term emission control system DEFECTS WARRANTY.

For 7 years or 70,000 miles, whichever occurs first:

If an emission-related part listed in this booklet specially noted with coverage for 7 years or 70,000 miles is defective, the part will be repaired or replaced by Koenigsegg. This is your long-term emission control system DEFECTS WARRANTY.

Part	Koenigsegg part number	Part number as marked on part	Number of parts on car	Repair time *) [h]	Labor cost/h our **) [\$ /h]	Repair cost [\$]	Spare part cost ***) [\$]	Total cost [\$]
Spark plug	130-281-2083	NGK, TR8IX	8	1,5	295	442,5	124,34752	1437,28016
Engine coolant temperature sensor	130-386-3024	Bosch, 0280130026	1	5	295	1475	17,014195	1492,014195
Ignition coil	140-281-1001	ELDOR 791 06000	8	0,3	295	88,5	200,14236	1689,63888
Gearbox high pressure sensor		Hydac HPT 14PK-R-0250-000	8	1,5	295	442,5	326,66656	3055,83248
Engine coolant level sensor	130-261-2023	Gems 177100	1	3	295	885	44,35079	929,35079
Fuel injector low load	130-237-1005	Bosch, 0280158117	8	7	295	2065	371,93552	5040,48416
Crankcase pressure sensor	140-284-6001	Bosch, 0281002845	1	3,2	295	944	54,724615	998,724615
Gearbox speed sensor		Honeywell	3	1,5	295	442,5	179,26194	980,28582
Fuel tank pressure sensor	2365-001	Ford, XS4Z-9C052-AA	1	5	295	1475	86,922275	1561,922275
Engine oil level sensor	130-386-3021	Porsche 99660614000	1	10	295	2950	97,831855	3047,831855
Gearbox temp and pressure sensor	140-431-3006	Variohm EPT2100-M10x1-01000-A-5-C	1	4	295	1180	129,63962	1309,63962
Engine coolant pump	170-262-1001	Meziere	1	5	295	1475	135,080385	1610,080385
Canister purge valve	140-236-6003	N/A	1	3	295	885	327,828765	1212,828765



Throttle body	140-251-4204	Continental, A2C83914 800 VDO	2	1	295	295	811,6174	1918,2348
EVAP canister	130-236-1001	N/A	1	6	295	1770	431,875565	2201,875565
Fuel injector high load	130-237-1006	ASNU, 02801584 0P	8	7	295	2065	3481,96244	29920,69952
Engine Control Module (ECM)	140-283-1300	N/A	1	1	295	295	782,6324	1077,6324
Gearbox oil level sensor	130-386-3021	Reventec LS200	1	6	295	1770	841,92823	2611,92823
Fuel pump assembly LH	140-233-0002	N/A	1	1,5	295	442,5	1051,28969	1493,78969
Fuel pump assembly RH	140-233-0001	N/A	1	1,5	295	442,5	1051,28969	1493,78969
Exhaust system LH (without tail pipe)	170-251-5100	N/A	1	2,5	295	737,5	1145,14873	1882,64873
Exhaust system RH (without tail pipe)	170-251-5100	N/A	1	2,5	295	737,5	1145,14873	1882,64873
Intake manifold	140-251-1047	N/A	1	4	295	1180	1453,05171	2633,05171
Exhaust throttle assembly RH	170-251-5149	N/A	1	1,5	295	442,5	1762,64143	2205,14143
Exhaust throttle assembly LH	170-251-5150	N/A	1	1,5	295	442,5	1762,64143	2205,14143
Turbocharger	170-258-1011-AB 170-258-1012 (option 1) 170-258-1310-AA (option 2)	NA	2	4	295	1180	2360	5900
Fuel pump control module LH (FPDM)	130-384-2002	N/A	1	0,7	295	206,5	1992,52988	2199,02988
Fuel pump control module RH	130-384-2002	N/A	1	0,7	295	206,5	16256,67857	16463,17857
Fuel tank / not	170-233-0010	N/A	1	240	295	70800	17407,73557	88207,73557



changeable (whole chassis)								
Intercooler LH ASSY	170-265-0001	N/A	1	4	295	1180	6272,61767	7452,61767
Intercooler RH ASSY	170-265-0004	N/A	1	4	295	1180	7440,532715	8620,532715
Knock sensor	140-284-5101	Bosch, 0261231173	2	4,5	295	1327,5	291,18384	1909,86768
Instrument cluster (MIL)	170-881-6327	N/A	1	1	295	295	28254,96171	28549,96171
Vehicle Control Unit (VCU)	170-384-4010	170-384-4010	1	4	295	1180	4469,20401	5649,20401

Owner's Warranty Responsibilities:

- As the vehicle owner, you are responsible for the performance of the required maintenance listed in your owner's manual. Koenigsegg recommends that you retain all receipts covering maintenance on your vehicle, but Koenigsegg cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.
- You are responsible for presenting your vehicle to the dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.
- As the vehicle owner, you should also be aware that Koenigsegg may deny your warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities, you should contact the Koenigsegg Customer Assistance Center at customersupport@koenigsegg.com or the California Air Resources Board at 4001 Iowa Ave. Riverside, CA 92507.

Warranty Start Date for the three (3) year/50,000 mile and seven (7) year 70,000-mile warranty periods begin on the date the new vehicle is delivered to the original retail purchaser.

The California Emissions Control System Limited Warranty applies to all 2026 U.S. specification Koenigsegg vehicles registered in California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont, Colorado, Washington, Minnesota, Nevada, Virginia, and New Mexico. According to Federal Regulations, your vehicle may also be eligible for additional warranty coverage under the Federal Emissions Warranty.

Model Year 2026 - Emission Parts List

The components listed below are covered by the Long-Term Defect and Performance Warranty for 7 years or 70,000 miles, whichever occurs first.

California requires minimum emissions warranty coverage for the first 3 years or 50,000 miles of a vehicle use, with coverage for the first 7 years or 70,000 miles for certain



“high cost” emission related parts, as determined by a California government specified formula.

Fill Pipe Specifications

Koenigsegg states that the vehicle meets the requirements of CCR Title 13 Section 2235 - Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks. The fill pipes installed on our models will be in compliance with all of the requirements of Air Resources Board's "Specifications for Fill Pipes and Openings of 2015 and Subsequent Model Motor Vehicle Fuel Tanks" adopted March 22, 2012. The fill pipe access zones for the models covered by this application will be in compliance with the requirements specified by the Air Resources Board's "Specifications for Fill Pipes and Openings of 2015 and Subsequent Model Motor Vehicle Fuel Tanks" adopted March 22, 2012 and will not be obstructed in any manner by bumpers, body parts, body trims or accessories that are either factory or dealer installed. The nomenclature and symbols used below are the same as those defined in "Specifications for fill pipes and openings of 2015 and subsequent motor vehicle fuel tanks", amended March 22, 2012 (refer to ISO-13331-1995(E) as adopted June 1, 1995).

General Specifications	CARB Specifications	ISO-13331 Reference, Section/Figure***	Jesko
Angle a in degrees	$-10^* < a < 20^*$	2.8 & 3.4/Fig 2a & 3a	$10^{\circ} \pm 5^{\circ}$
Spill Prevention in degrees (angle between Centerline of test spout in its resting position and the horizontal plane)	30* (MIN)	3.5	$75^{\circ} \pm 5^{\circ}$
Test nozzle penetration of restrictor	2.25 cm or 22.5 mm (MIN)	3.4	30mm
Angle B in degrees	none	2.9/Fig 2b & 3b	10°

Fill Pipe Specifications

Fill Pipe face surface in TIR	0.025 cm or 0.25 mm (MAX)	3.1/Fig 1	$\pm 0.2\text{mm}$
Fill Pipe face outside diameter	5.75 cm or 57.5 mm (MAX) 5.20 cm or 52.0 mm (MIN)	3.1/Fig 1	56.5mm
Internal locking lip in degrees of the inside circumference (a) degrees extending each side of reference plane	100* (MIN) 35* (MIN) LS** each side RS**	3.2/Fig 2 & 3	$160 \pm 10^{\circ}$ $80^{\circ} \pm 10^{\circ}$ $80^{\circ} \pm 10^{\circ}$
Height of lip measured from fill pipe inside wall	0.25 cm or 2.5 mm (MIN)	3.2	2.5mm
Height of lip measured from fill pipe outside wall for outside diameters between 5.20 and 5.75 cm	0.85 cm or 8.5 mm (MIN)	3.2	19mm
Depth of lip (D) in centimeters <u>Offset</u> Offset A Offset B	$0.4 \leq D \leq 1.3$ None none	3.2 3.31/Fig 5 shown as "l" 3.31/Fig 5 shown as "g"	$0.6 \leq D \leq 0.7\text{cm}$
Fill Pipe Face Clearance (Axial)	0.25 cm or 2.5 mm (MIN)	Fig 5 shown as "2.5"	2.5
Fill Pipe Face Clearance (Radial)	40 mm (MIN)	Fig 5 shown as "R40"	40.5mm
Fill Pipe Face Inside Diameter	49.8 mm (MAX)	Fig 1	33.5mm



Capped or Capless			Capped
Open Vent or Holes			Open vent
Seal (Mechanical or Liquid)			Mechanical
Disruption in the Fill Pipe Face			-
Type (Threaded or Bayonet)		Fig 1	N/A

* dimension should include adverse tolerance condition

** LS = Left side of reference plane

** RS = Right side of reference plane

*** Figures are from ISO 13331

Fill rate, spillage & spit back according to section vii of specifications for fill pipes and openings of 2015 and subsequent model motor vehicle fuel tanks.

Bench leak test according to section vi of specifications for fill pipes and openings of 2015 and subsequent model motor vehicle fuel tanks. The average flowrate leak test value is 0.00lpm.

Test and Service Accumulation Fuel

All fuels used for emission certification testing or service accumulation comply with applicable regulation.

Test Facility and Equipment

The facility and equipment to be used for mileage accumulation and emission testing complies with all applicable regulations.

Lubricants

All lubricants to be used in test vehicles comply with applicable regulations.
There are no differences between proposed vehicle lubricants and proposed production vehicle lubricants

Blanket Approval List

We do not anticipate any allowable unscheduled maintenance on items, other than those listed in MSAPC Advisory Circular No. 4A-1

Continuity of Emissions in the temperature range of 20 to 86 °F

Koenigsegg states that there is no discontinuity in emissions of NMOG, CO, NO_x and HCHO measured on the Federal Test Procedure in the temperature range of 20 to 86 °F.

Compliance with Applicable Emissions Standards

Koenigsegg has tested the vehicles, or caused the vehicles to be tested, according to the prescribed (or approved) test procedures and on the basis of such tests Koenigsegg has determined that the test vehicles comply with all applicable emission standards.



Emission Control System

Koenigsegg states that the emission control systems cause no increase in toxic or noxious emissions and create no unsafe conditions from their use or malfunction.

Diagnostic Procedures

In the event that an unscheduled maintenance on one of the certification test vehicles might become necessary, Koenigsegg uses the on-board and service diagnostic system.

ASM / I/M Compliance Statement Certification

Compliance with the Accelerated Simulation Mode (ASM) Loaded Mode In-section Maintenance (I/M) Standards Based on engineering evaluation and in accordance with MAC #99-05, Koenigsegg hereby states that the vehicles included in this Test Group comply with the applicable ASM I/M standards.

High Altitude Requirements

The computer-controlled multipoint/sequential port fuel injection system meters fuel based on air mass flow and is self-compensating. Therefore, the test group comply with the high-altitude requirements (ref. Mail Out 86-23 & 40 CFR 86.1829.15).

Koenigsegg Statements

The test and production vehicles do not have a defeat device.

All AECDs have been declared and described in the application for certification.

The test and production vehicles do not have alternate maps.

A map is a strategy, look-up table, computer model, or any combination of strategies, look-up tables, and/or computer models, for operational control of, including but not limited to, fuel metering, EGR, DEF dosing, ignition or injection timing, catalyst light-off, particulate filter loading and regeneration, NOX catalyst loading and regeneration, carbon canister loading and purging, (for hybrid vehicles) engine on/off, and the modifiers (multiplier or adjustment factor) for any of the parameters mentioned above. Alternate maps are deemed to exist when, for the same engine load and speed, vehicle load and speed, and engine coolant temperature, more than one strategy, look-up table, computer model, or any different combination of these parameters, can be used through activation by an installed computer program or on demand by an operator.

The transmission does not behave or perform differently while on road versus on dynamometer.

Running Loss test FFTP

The Evaporative Family's Fuel Tank Temperature Profile (FFTP) is determined according to 40 CFR § 86.129- 94 (d).