Volkswagen AG, a member of the Volkswagen Group

Application for Emissions Certification

2027 **Model Year**

Durability Group: VVGAGPGNNV3T
Evap. Family: VVGAR0157VCS

Test Group: VVGAJ02.0V3T

Certificate Number: VVGAJ02.0V3T - 012

Durability Group Description: Four Stroke, Otto Cycle, Gasoline Fueled, Direct Fuel Injection, Catalyst Code: JM1102, UTC3700

Test Group Description: 2.0 Liter I4 turbocharged – LDV / LDT2 / LDT3

Applicable Exhaust Standards: 50 State — Federal: Tier 4 Interim Bin 30; California: LEV IV SULEV30

Applicable Evaporative Standards: 50 State — Federal: Tier 3 FEL: 350 mg; California: LEV IV FEL: 350 mg

Carlines Covered: Atlas, Atlas 4Motion, Atlas Cross Sport, Atlas Cross Sport 4Motion

Vehicles Tested:

*: EPA Test

VID	Config.	Test Type / #	Test Type / #
VW426070057	0	FTP / VVGA10093537	HWY / VVGA10093536
		US06 / VVGA10093538	SC03 / VVGA10093541
		Partial Soak 40min / VVGA10093542	20°FTP / VVGA10093540
		Quick Drive-Away / VVGA10093544	50°FTP / VVGA10093539
VW426070060	0	2-Day* / VVGA91006753	ORVR / VVGA10093354
		3-Day / VVGA10093356	BETP / VVGA10093352
		Running Loss / VVGA10093358	

Issue Date: 03/27/2026
Running Change Date: 07/01/2026

Questions, Contact:
EEO Office, Auburn Hills, Michigan

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1. Correspondence and Communication

Please refer to the Common Section

2. Durability Group Description

Durability Source Basics	
Durability Procedure	VW/Audi ADP
Durability Group Name	VVGAGPGNNV3T
Source of Durability Data	VW42607-0062
Relation Factor BAT VWADP / BAT SRC	2.22
Engine Type	Piston
Combustion Method	Otto cycle 4 stroke
Fuel Used	Gasoline
Basic Fuel Metering System	Direct Injection
Displacement [l]	2.0

Catalyst / After treatment device specifics		
	Durability Group Statistics	**Durability Data Vehicle**
Catalyst Construction		Monolith
Precious Metal Composition TWC		Pd/Rh
PTOX TWC		n.a.
NAC:1 SCRC: 2		n.a.
Total Catalyst Volume [l]		2.65
Total Precious Metal Loading [g]		8.66
Precious Metal Load Rate PM [g] / CV [l]		3.27
Cat. Grouping Statistic	4.3	4.3
Durability Group Limit (25% or 0.2 g/l)	3.2	3.2
Test Group Covered		VVGAJ02.0V3T

3. Evaporative / Refueling Family Description

Evaporative / Refueling Family Name		VVGAR0157VCS
Vapor storage device	Canister	Yes
	Other	-
Basic canister design	Working Capacity (g)	157
	Bed Volume (cm^3)	2555
	Number, config.	1
	Geometry	Cylinder
	Construction	2-Chamber
	Bleeding trap	Yes
	Bleed trap Working Capacity (g)	4
	Material	Plastic
Fuel System		
Type of refueling system	Integrated	Yes
	Non-integrated	-
	Other	-
Fill pipe seal mechanism	Liquid seal	Yes
	Mechanical Seal	-
	Other	-
Method of controlling vapor flow to the engine	Vacuum	-
	Purge valve	Yes
	Other	EVAP Purge Pump
Purge control system	Valve type	Duty cycle
	Control	ECM
Vapor hose material	4 / multi-layer hose	Yes
	Stainless Steel	-
	Alloy	-
Fuel tank material	Metal	-
	Plastic	Yes
	Other	-
Test groups combined with this Evap. family		VVGAJ02.0V3T

4. Durability Procedure Description

Please refer to the Common Section

5.0 Test Group Description

Evap. Family:	VVGAR0157VCS
Test Group Name:	VVGAJ02.0V3T
Certificate Number:	VVGAJ02.0V3T-012
Engine displacements covered:	2.0 Liters
Arrangement and number of cylinders:	I4
Vehicle class(es) covered:	LDV / LDT2 / LDT3
Federal Emissions Standards Class:	Tier 4 Interim Bin 30
California Emissions Standards Class:	LEV IV SULEV 30

5.1 Test Group Emission Standards

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

6. Test Vehicle Description

Certificate Number: VVGAJ02.0V3T-012
Models: **Atlas, Atlas SEL 4Motion, Atlas SE w/ Tech 4Motion, Atlas SE 4Motion Atlas Cross Sport, Atlas Cross Sport 4Motion**
Test Group: VVGAJ02.0V3T
Evaporative/Refueling Family: VVGAR0157VCS

VID	Config.	Vehicle Type	Tests Performed
VW426070057	0	EDV - E10	FTP, HWY, US06, SC03, Cold FTP, 50deg FTP, Partial Soak (40'), Quick Drive-Away
VW426070058 (AWD)	0	FEDV	FTP, HWY
	1	FEDV	FTP, HWY (for Canada)
	2	FEDV	FTP, HWY (Cross Sport)
VW426070059 (FWD)	0	FEDV	FTP, HWY
	1	FEDV	FTP, HWY (Cross Sport)
VW426070060	0	Evap.	2Day Evap, 3Day Evap, Running Loss, ORVR, BETP, 2Day Evap (EPA Confirmatory Test)

7. Test Results

Please refer to the Certification Summary Information Report.

Certification Summary Information Report

Manufacturer	Volkswagen Group of America, Inc.	**Manufacturer Code**	VGA
Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS
Certificate Number	--	**CARB Executive Order #**	--
Certificate Issue Date	--	**Certificate Revision Date**	--
Certificate Effective Date	--	**Conditional Certificate**	--
CSI Revision #	--	**CSI Submission/Revision Date**	07/09/2026 01:44:24 PM
Model Year	2027		

Test Group Information

CSI Type	Running Change	**Running Change Reference Number**	RC_VV2.0V3T_02_26
GHG Exempt Status	Not Exempt		

Drive Sources and Fuel(s)

Drive Source #1: Combustion Engine

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

Hybrid Indicator	No		
Multiple Fuel Storage	--	**Rechargeable Energy Storage System Indicator**	--
Multiple Fuel Combustion	--	**Off-board Charge Capable Indicator**	--
Fuel Cell Indicator	No	**EPA Vehicle Class**	LDV, LDT3, LDT2
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	VVGAGPGNNV3T	**Durability Group Equivalency Factor**	2.2
Reduced Fee Test Group	No	**Certification Region Code(s)**	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	10/05/2026	**CAP2000 Conditional Certificate?**	N/A
Independent Commercial Importer?	--	**Alternative Fuel Converter Certificate?**	--
SFTP Federal Composite Compliance Identifier	Tier 3	**SFTP Tier 2 Composite CO Option**	No
SFTP LEV-III Composite Compliance Indicator	No		
OBD Compliance Type	CARB	**OBD Demonstration Vehicle Test Group**	VVGAJ02.0V3T
Test Group OBD Compliance Level	Full - no deficiencies	**Number of Test Group OBD Deficiencies**	0
OBD Deficiencies Comments	CARB Approval Ref. #: E-26-177		
Mfr Test Group Comments	--		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Evaporative/Refueling Family Information

Evaporative Summary Information Type	New	**Submission/Correction Date**	03/26/2026 09:15:10 AM
Integrated ORVR?	Yes	**Fuel(s)**	Gasoline
Multiple Fuel Storage	--		
Bladder Fuel Tank?	No		
Fuel Tank Material	Plastic	**Fuel Tank Material Description**	HDPE
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)	157	**Number of Primary Canisters**	1
Number of Bleed Canisters	1	**Bleed Canister Total Working Capacity (grams)**	4
Mfr Evaporative/Refueling Family Comments	Volkswagen Atlas LEV IV Evap FEL 350 Integrated Bleeding Canister equipped.		

Leak Family Details

Leak Family Indicator	Yes		
Canister Bleed Test Indicator	Yes	**Applicability of Evaporative Canister Bleed Test**	50 State
Evaporative Canister Bleed Test Comments	--		
CARB Fuel Only (Rig) Test Indicator	No	**Applicability of CARB Fuel Only (Rig) Test**	--
CARB Fuel Only (Rig) Test Comments	--		

Leak Family Name	Applicability of Leak Family Requirements	Leak Family Standard (inches)	Leak Family Description
VVGAR0157VCS-001	50 State	0.02	--

Models Covered by this Certificate

Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Volkswagen Group of America, Inc.	1 - Volkswagen	190 - Atlas Cross Sport	Federal	2-Wheel Drive, Front	Semi-Automatic	8	Yes
Volkswagen Group of America, Inc.	1 - Volkswagen	180 - Atlas	Federal	2-Wheel Drive, Front	Semi-Automatic	8	Yes
Volkswagen Group of America, Inc.	1 - Volkswagen	180 - Atlas	California + CAA Section 177 states	2-Wheel Drive, Front	Semi-Automatic	8	Yes
Volkswagen Group of America, Inc.	1 - Volkswagen	185 - Atlas 4Motion	Federal	All Wheel Drive	Semi-Automatic	8	Yes
Volkswagen Group of America, Inc.	1 - Volkswagen	195 - Atlas Cross Sport 4Motion	Federal	All Wheel Drive	Semi-Automatic	8	Yes
Volkswagen Group of America, Inc.	1 - Volkswagen	190 - Atlas Cross Sport	California + CAA Section 177 states	2-Wheel Drive, Front	Semi-Automatic	8	Yes
Volkswagen Group of America, Inc.	1 - Volkswagen	195 - Atlas Cross Sport 4Motion	California + CAA Section 177 states	All Wheel Drive	Semi-Automatic	8	Yes
Volkswagen Group of America, Inc.	1 - Volkswagen	185 - Atlas 4Motion	California + CAA Section 177 states	All Wheel Drive	Semi-Automatic	8	Yes

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Engine Description

Hybrid Type	--	**Hybrid Description**	--
Engine Type	4-Stroke Spark Ignition	**Mfr Engine Description**	--
Engine Block Arrangement	Inline	**Mfr Engine Block Arrangement Description**	--
Camless Valvetrain Indicator	No	**Oil Viscosity/Classification**	0W20 VW50800
Number of Cylinders/Rotors	4	**Mechanically Variable Compression Ratio Indicator**	N

After Treatment Device(s) (ATD)

ATD Number	ATD Type	ATD Precious Metal	Substrate Material	Substrate Construction
1	Three-way catalyst	Platinum + Palladium + Rhodium	Ceramic	Monolith
2	Other	Gasoline particulate filter	Ceramic	Other
3	Three-way catalyst	Platinum + Palladium + Rhodium	Ceramic	Monolith

Mfr After Treatment Device (ATD) Comments	--
Direct Ozone Reduction (DOR) Device	Not Equipped
Mfr Emission Control Device Comments	CAC/DFI/AIR/TC/WR-HO2S/TWC(2)/GPF/HO2S

Engine Configuration Number 1

Engine Displacement (liters)	2.0	**Engine Rated Horsepower**	282
Number of Inlet Valves Per Cylinder	2	**Number of Exhaust Valves Per Cylinder**	2
Air Aspiration Method	Turbocharged	**Number of Air Aspiration Devices**	1
Air Aspiration Device Configuration	Single	**Charge Air Cooler Type**	Liquid
Air Aspiration Drive Method(s)	Mechanical		
Cylinder Deactivation	No		
Cylinder Deactivation Description	--		
Variable Valve Timing	Yes		
Variable Valve Timing System Description	Hydraulic/Hydraulic		
Variable Valve Lift?	No		
Variable Valve Lift System Description	--		
Number of Knock Sensors	1	**Number of Air/Fuel Sensors**	2
Air/Fuel Sensor # 1 Type	Heated oxygen	**Air/Fuel Sensor # 1 Description**	--
Air/Fuel Sensor # 2 Type	Heated oxygen	**Air/Fuel Sensor # 2 Description**	--
Mfr Air/Fuel Sensor Comments	--		
Exhaust Gas Recirculation	No	**Cooled Exhaust Gas Recirculation**	No
EGR Type	--	**Exhaust Gas Recirculation Description if 'Other'**	--
Closed Loop Air Injection System	Yes		
Air Injection Type	Secondary Air Injection	**Air Injection Type if 'Other'**	--
Mfr Engine Configuration Comments	FAZA var: 0		

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

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	VVGA10093537	VVGA10093538	VVGA10093541	VVGA10093540	VVGA10093536	17.5	17.1	26.9	24.4	--

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Emission Data Vehicle Information

Vehicle ID / Configuration	VW426070057 / 0	**Manufacturer Vehicle Configuration Number**	0
Original Test Group Name	VVGAJ02.0V3T	**Original Evaporative/Refueling Family**	VVGAR0157VCS
Original Test Vehicle Model Year	2027		

Vehicle Model

Represented Test Vehicle Make	Volkswagen	**Represented Test Vehicle Model**	Atlas 4Motion

Leak Family Details

Leak Family Identifier	001	**Leak Family Name**	VVGAR0157VCS-001

Drive Sources and Fuel System Details

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

Hybrid Indicator	No		
Multiple Fuel Storage	--	**Multiple Fuel Combustion**	--
Fuel Cell Indicator	--	**Rechargeable Energy Storage System Indicator**	--
Rechargeable Energy Storage System	--	**Rechargeable Energy Storage System, if 'Other'**	--
Off-board charge Capable Indicator	--		
Odometer Correction -- Initial	0	**Odometer Correction Factor**	1
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor		
Odometer Correction Units	Miles		
Engine Code	FAZA	**Rated Horsepower**	282
Displacement (liters)	2		
Air Aspiration Method	Turbocharged	**Air Aspiration Method, if 'Other'**	
Number of Air Aspiration Devices	1	**Air Aspiration Device Configuration**	Single
Charge Air Cooler Type	Air	**Drive Mode While Testing**	All Wheel Drive
Shift Indicator Light Usage	Not eqipped	**Aged Emission Components**	4,000 (mi)
Curb Weight (lbs)	4753	**Equivalent Test Weight (pounds)**	5000
GVWR (lbs)	6041	**N/V Ratio**	26.3
Axle Ratio	3.51		
Transmission Type	Semi-Automatic	**# of Transmission Gears**	8
Transmission Lockup	Yes	**Creeper Gear**	No

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

Dynamometer Coefficients:

Coefficient Category	Target Coefficients A (lbf)	Target Coefficients B (lbf/mph)	Target Coefficients C (lbf/mph**2)	Set Coefficients A (lbf)	Set Coefficients B (lbf/mph)	Set Coefficients C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
City/Highway/Evap	38.87	0.2639	0.025	-9.48	0.1841	0.02243	15.3
Cold CO	42.75	0.2902	0.0275	-14.9	0.0029	0.02562	N/A
US06	38.87	0.2639	0.025	-9.48	0.1841	0.02243	N/A

Emission Control Device Comments --

Manufacturer Test Vehicle Comments MY27 VW Atlas 4Motion ETW 5000

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Test #	**VVGA10093537**	**Test Procedure**	**21 - Federal fuel 2-day exhaust (w/can load)**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	02/24/2026	**Fuel**	Gasoline
Fuel Batch ID	WB0036	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Mfr. Determined
Verify Test Lab ID	Volkswagen AG WOB2		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4553	**Odometer Units**	M
4WD Test Dyno	Yes	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	392.6314947	--
CO BAG 1 (Bag 1 Carbon Monoxide)	0.6732554	--
FE BAG 1 (Bag 1 Fuel Economy)	22.0160224	22.0160224
CH4 BAG 1 (Bag 1 Methane)	0.0074	--
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0177	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	411.1556879	--
CO BAG 2 (Bag 2 Carbon Monoxide)	0.0185037	--
FE BAG 2 (Bag 2 Fuel Economy)	21.0830738	21.0830738
CH4 BAG 2 (Bag 2 Methane)	0	--
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0	--
CO2 BAG 3 (Bag 3 Carbon Dioxide)	344.7692823	--
CO BAG 3 (Bag 3 Carbon Monoxide)	0.0724121	--
FE BAG 3 (Bag 3 Fuel Economy)	25.1356754	25.1356754
CH4 BAG 3 (Bag 3 Methane)	0.002	--
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.0002	--
METHANE (CH4 - Methane)	0.0021112	--
CO (Carbon Monoxide)	0.1688398	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.3024311	--
DT-EER (Drive Trace Energy Economy Rating)	-0.3106969	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.0572929	--
MFR FE (Manufacturer Fuel Economy)	22.3	22.3
NOX (Nitrogen Oxide)	0.0090667	--
N2O (Nitrous Oxide)	0.00052	--
HC-NM (Non-methane Hydrocarbon)	0.0033747	--
NMOG (Non-methane organic gases)	0.0034	--
PM (Particulate Matter)	0.0001323	--
HC-TOTAL (Total Hydrocarbon)	0.005454	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	389	389

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	389.1194233	--

Manufacturer Test Comments

VW MY27 Atlas 4Motion EDV_FTP Tested as Atlas 4Motion EDV ETW: 5000 RLHP: 15.3

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NMHC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	120,000 miles	Federal Tier 3 Bin 30	CREE	389	--	--	--	0.387	--	389	--	--
Fed	120,000 miles	Federal Tier 3 Bin 30	METHANE	0.0021	--	--	--	0.0020	--	0.004	0.030	Pass
Fed	120,000 miles	Federal Tier 3 Bin 30	N2O	0.0005	--	--	--	0.0006	--	0.001	0.010	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	CO	0.17	--	--	--	0.29	--	0.5	1.0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	CO-COMP	0.48	--	--	--	--	--	0.5	4.2	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG	0.0034	--	1.0991	--	0.0076	--	0.011	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG+NOX	0.0125	--	--	--	--	--	0.020	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG+NOX-COMP	0.0202	--	--	--	--	--	0.020	0.040	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NOX	0.0091	--	--	--	0.0000	--	0.009	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	PM	0.0001	--	--	--	0.0000	--	0.000	0.003	Pass
CA	150,000 miles	California LEV-IV SULEV30	CO	0.17	--	--	--	0.29	--	0.5	1.0	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG	0.0034	--	1.0991	--	0.0076	--	0.011	99.000	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG+NOX	0.0125	--	--	--	--	--	0.020	0.030	Pass
CA	150,000 miles	California LEV-IV SULEV30	NOX	0.0091	--	--	--	0.0000	--	0.009	99.000	Pass
CA	150,000 miles	California LEV-IV SULEV30	PM	0.0001	--	--	--	0.0000	--	0.000	0.001	Pass

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

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Test #	**VVGA10093539**	**Test Procedure**	**52 - Fed. fuel 50 F exh.**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	03/06/2026	**Fuel**	Gasoline
Fuel Batch ID	WB0036	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Mfr. Determined
Verify Test Lab ID	Volkswagen AG WOB2		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4648	**Odometer Units**	M
4WD Test Dyno	Yes	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	431.368083	--
CO BAG 1 (Bag 1 Carbon Monoxide)	1.9945	--
FE BAG 1 (Bag 1 Fuel Economy)	19.9433448	19.9433448
CH4 BAG 1 (Bag 1 Methane)	0.0153	--
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0494	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	421.6883616	--
CO BAG 2 (Bag 2 Carbon Monoxide)	0	--
FE BAG 2 (Bag 2 Fuel Economy)	20.5577328	20.5577328
CH4 BAG 2 (Bag 2 Methane)	0	--
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0015	--
CO2 BAG 3 (Bag 3 Carbon Dioxide)	363.0636612	--
CO BAG 3 (Bag 3 Carbon Monoxide)	0.036	--
FE BAG 3 (Bag 3 Fuel Economy)	23.8733114	23.8733114
CH4 BAG 3 (Bag 3 Methane)	0.0014	--
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.0009	--
METHANE (CH4 - Methane)	0.0035415	--
CO (Carbon Monoxide)	0.4229002	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.541507	--
DT-EER (Drive Trace Energy Economy Rating)	0.7276786	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	2.02278	--
MFR FE (Manufacturer Fuel Economy)	21.2	21.2
NOX (Nitrogen Oxide)	0.0063234	--
N2O (Nitrous Oxide)	0.00043	--
HC-NM (Non-methane Hydrocarbon)	0.0102269	--
NMOG (Non-methane organic gases)	0.0102	--
PM (Particulate Matter)	0.00003	--
HC-TOTAL (Total Hydrocarbon)	0.0136041	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	409	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	407.5988767	--

Manufacturer Test Comments

VW MY27 Atlas 4Motion EDV_FTP50°F Tested as Atlas 4Motion EDV ETW: 5000 RLHP: 15.3

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NMHC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
CA	4,000 miles	California LEV-IV SULEV30	CO	0.42	--	--	--	--	--	0.4	1.0	Pass
CA	4,000 miles	California LEV-IV SULEV30	NMOG	0.0102	--	1.0991	--	--	--	0.010	99.999	Pass
CA	4,000 miles	California LEV-IV SULEV30	NMOG+NOX	0.0165	--	--	--	--	--	0.016	0.060	Pass
CA	4,000 miles	California LEV-IV SULEV30	NOX	0.0063	--	--	--	--	--	0.006	99.999	Pass

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Test #	**VVGA10093540**	**Test Procedure**	**11 - Cold CO**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	03/18/2026	**Fuel**	Gasoline
Fuel Batch ID	WB0036	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Mfr. Determined
Verify Test Lab ID	Volkswagen AG WOB2		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4675	**Odometer Units**	M
4WD Test Dyno	Yes	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	521.2781089	--
CO BAG 1 (Bag 1 Carbon Monoxide)	1.708	--
FE BAG 1 (Bag 1 Fuel Economy)	16.508656	16.508656
CH4 BAG 1 (Bag 1 Methane)	0.0277	--
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.3915	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	460.9536193	--
CO BAG 2 (Bag 2 Carbon Monoxide)	0.0002	--
FE BAG 2 (Bag 2 Fuel Economy)	18.8060518	18.8060518
CH4 BAG 2 (Bag 2 Methane)	0	--
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0065	--
CO2 BAG 3 (Bag 3 Carbon Dioxide)	396.1508082	--
CO BAG 3 (Bag 3 Carbon Monoxide)	0.0905	--
FE BAG 3 (Bag 3 Fuel Economy)	21.8747675	21.8747675
CH4 BAG 3 (Bag 3 Methane)	0.0014	--
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.002	--
METHANE (CH4 - Methane)	0.0061311	--
CO (Carbon Monoxide)	0.3780669	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.292992	--
DT-EER (Drive Trace Energy Economy Rating)	0.5566604	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.804054	--
MFR FE (Manufacturer Fuel Economy)	19	19
NOX (Nitrogen Oxide)	0.0485047	--
N2O (Nitrous Oxide)	0.0015567	--
HC-NM (Non-methane Hydrocarbon)	0.0770196	--
NMOG (Non-methane organic gases)	0.077	--
PM (Particulate Matter)	0.0001087	--
HC-TOTAL (Total Hydrocarbon)	0.082812	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	457	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	455.6540495	--

Manufacturer Test Comments

VW MY27 Atlas 4Motion EDV_FTP 20°F Tested as Atlas 4Motion EDV ETW: 5000 RLHP: 15.3

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

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 30	CO	0.38	--	--	--	0.10	--	0.5	10.0	Pass
Fed	120,000 miles	Federal Tier 3 Bin 30	HC-NM	0.08	--	--	--	0.0055	--	0.1	0.3	Pass
CA	50,000 miles	California LEV-IV SULEV30	CO	0.38	--	--	--	0.10	--	0.5	10.0	Pass

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Test #	**VVGA10093542**	**Test Procedure**	**58 - Partial Soak (PS) - 40 minute**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	03/04/2026	**Fuel**	Gasoline
Fuel Batch ID	WB0036	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Mfr. Determined
Verify Test Lab ID	Volkswagen AG WOB2		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4626	**Odometer Units**	M
4WD Test Dyno	Yes	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	353.5529209	--
CO BAG 1 (Bag 1 Carbon Monoxide)	0.1721	--
FE BAG 1 (Bag 1 Fuel Economy)	24.4987349	24.4987349
CH4 BAG 1 (Bag 1 Methane)	0.0041	--
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0076	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	415.9925713	--
CO BAG 2 (Bag 2 Carbon Monoxide)	0.0063	--
FE BAG 2 (Bag 2 Fuel Economy)	20.8387782	20.8387782
CH4 BAG 2 (Bag 2 Methane)	0	--
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0009	--
CO2 BAG 3 (Bag 3 Carbon Dioxide)	349.151687	--
CO BAG 3 (Bag 3 Carbon Monoxide)	0.0559	--
FE BAG 3 (Bag 3 Fuel Economy)	24.8220278	24.8220278
CH4 BAG 3 (Bag 3 Methane)	0.0015	--
NMOG BAG 3 (Bag 3 Non-methane organic gases)	0.0013	--
METHANE (CH4 - Methane)	0.0012894	--
CO (Carbon Monoxide)	0.0542405	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.3246349	--
DT-EER (Drive Trace Energy Economy Rating)	0.1586961	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.5908016	--
MFR FE (Manufacturer Fuel Economy)	22.5	22.5
NOX (Nitrogen Oxide)	0.0034	--
N2O (Nitrous Oxide)	0.0020744	--
HC-NM (Non-methane Hydrocarbon)	0.002193	--
NMOG (Non-methane organic gases)	0.0058	--
PM (Particulate Matter)	0.0000162	--
HC-TOTAL (Total Hydrocarbon)	0.0034551	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	385	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	384.7083724	--

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Manufacturer Test Comments VW MY27 Atlas 4Motion EDV_40min Partial Soak Tested as Atlas 4Motion EDV ETW: 5000 RLHP: 15.3, The NMOG+NOx value was calculated using PS bag1 and FTP bag2,3

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NMHC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 4 Bin 30	NMOG	0.0058	--	1.0991	--	0.0076	--	0.013	99.000	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NMOG+NOX	0.0092	--	--	--	--	--	0.017	0.023	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NOX	0.0034	--	--	--	0.0000	--	0.003	99.000	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG	0.0058	--	1.0991	--	0.0076	--	0.013	99.000	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG+NOX	0.0092	--	--	--	--	--	0.017	0.023	Pass
CA	150,000 miles	California LEV-IV SULEV30	NOX	0.0034	--	--	--	0.0000	--	0.003	99.000	Pass

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Test #	**VVGA10093544**	**Test Procedure**	**49 - Quick-Driveway (QD)**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	02/26/2026	**Fuel**	Gasoline
Fuel Batch ID	WB0036	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Mfr. Determined
Verify Test Lab ID	Volkswagen AG WOB2		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4608	**Odometer Units**	M
4WD Test Dyno	Yes	**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)	394.4695265	--
CO BAG 1 (Bag 1 Carbon Monoxide)	1.0593	--
CH4 BAG 1 (Bag 1 Methane)	0.0094	--
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0325	--
METHANE (CH4 - Methane)	0.0093758	--
CO (Carbon Monoxide)	1.0592498	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.3608156	--
DT-EER (Drive Trace Energy Economy Rating)	0.1259803	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.2923542	--
MFR FE (Manufacturer Fuel Economy)	21.9	21.9
NOX (Nitrogen Oxide)	0.0041	--
N2O (Nitrous Oxide)	0.0042955	--
HC-NM (Non-methane Hydrocarbon)	0.0315585	--
NMOG (Non-methane organic gases)	0.0117	--
PM (Particulate Matter)	0.0000839	--
HC-TOTAL (Total Hydrocarbon)	0.0407731	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	396	--

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	394.4695265	--

Manufacturer Test Comments VW MY27 Atlas 4Motion EDV_Quick Drive away Tested as Atlas 4Motion EDV ETW: 5000 RLHP: 15.3, The NMOG+NOx value was calculated using QDA bag1 and FTP bag2,3.

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NMHC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 4 Bin 30	NMOG	0.0117	--	1.0991	--	0.0076	--	0.019	99.000	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NMOG+NOX	0.0158	--	--	--	--	--	0.023	0.042	Pass
Fed	150,000 miles	Federal Tier 4 Bin 30	NOX	0.0041	--	--	--	0.0000	--	0.004	99.000	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG	0.0117	--	1.0991	--	0.0076	--	0.019	99.000	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG+NOX	0.0158	--	--	--	--	--	0.023	0.042	Pass
CA	150,000 miles	California LEV-IV SULEV30	NOX	0.0041	--	--	--	0.0000	--	0.004	99.000	Pass

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Test #	**VVGA10093536**	**Test Procedure**	**3 - HWFE**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	02/24/2026	**Fuel**	Gasoline
Fuel Batch ID	WB0036	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Mfr. Determined
Verify Test Lab ID	Volkswagen AG WOB2		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4565	**Odometer Units**	M
4WD Test Dyno	Yes	**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	--
CO (Carbon Monoxide)	0.0311928	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.2493692	--
DT-EER (Drive Trace Energy Economy Rating)	-0.4442864	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.4904835	--
MFR FE (Manufacturer Fuel Economy)	36.1	36.1
NOX (Nitrogen Oxide)	0.0017874	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--
PM (Particulate Matter)	0.0000579	--
HC-TOTAL (Total Hydrocarbon)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	240	240

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	239.7050296	--

Manufacturer Test Comments VW MY27 Atlas 4Motion EDV_HWY Tested as Atlas 4Motion EDV ETW: 5000 RLHP: 15.3

Certification Summary Information Report

Test Group VVGAJ02.0V3T **Evaporative/Refueling Family** VVGAR0157VCS

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NMHC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	120,000 miles	Federal Tier 3 Bin 30	CREE	240	--	--	--	0.387	--	240	--	--
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG	0.0000	--	1.0300	--	0.0076	--	0.008	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG+NOX	0.0018	--	--	--	--	--	0.009	0.030	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NOX	0.0018	--	--	--	0.0000	--	0.002	99.000	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG	0.0000	--	1.0300	--	0.0076	--	0.008	99.000	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG+NOX	0.0018	--	--	--	--	--	0.009	0.030	Pass
CA	150,000 miles	California LEV-IV SULEV30	NOX	0.0018	--	--	--	0.0000	--	0.002	99.000	Pass

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

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Test #	**VVGA10093538**	**Test Procedure**	**90 - US06**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	02/24/2026	**Fuel**	Gasoline
Fuel Batch ID	WB0036	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Mfr. Determined
Verify Test Lab ID	Volkswagen AG WOB2		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4585	**Odometer Units**	M
4WD Test Dyno	Yes	**Diesel Adjustment Factor Usage**	--
State of Charge Delta	--		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	**Road Speed Fan Usage**	Yes

Test Results

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (miles per gallon)
CO2 BAG 1 (Bag 1 Carbon Dioxide)	603.2638859	--
CO BAG 1 (Bag 1 Carbon Monoxide)	0.5430414	--
FE BAG 1 (Bag 1 Fuel Economy)	14.3490188	14.3490188
CH4 BAG 1 (Bag 1 Methane)	0.0051	--
NMOG BAG 1 (Bag 1 Non-methane organic gases)	0.0077	--
CO2 BAG 2 (Bag 2 Carbon Dioxide)	292.5254699	--
CO BAG 2 (Bag 2 Carbon Monoxide)	0.1692822	--
FE BAG 2 (Bag 2 Fuel Economy)	29.6069624	29.6069624
CH4 BAG 2 (Bag 2 Methane)	0.0015	--
NMOG BAG 2 (Bag 2 Non-methane organic gases)	0.0027	--
METHANE (CH4 - Methane)	0.0023352	--
CO (Carbon Monoxide)	0.2520672	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-3.385743	--
DT-EER (Drive Trace Energy Economy Rating)	-1.715679	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-6.280527	--
MFR FE (Manufacturer Fuel Economy)	24	24
NOX (Nitrogen Oxide)	0.0048965	--
N2O (Nitrous Oxide)	0.0001801	--
HC-NM (Non-methane Hydrocarbon)	0.0036843	--
NMOG (Non-methane organic gases)	0.0037	--
PM (Particulate Matter)	0.0001667	--
HC-TOTAL (Total Hydrocarbon)	0.0059965	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	361	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	361.351802	--

Manufacturer Test Comments VW MY27 Atlas 4Motion EDV_US06; VeCeD: US06 Tested as Atlas 4Motion EDV ETW: 5000 RLHP: 15.3

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NMHC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 30	CO	0.25	--	--	--	0.29	--	0.5	99.0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG	0.0037	--	1.0300	--	0.0076	--	0.011	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NOX	0.0049	--	--	--	0.0000	--	0.005	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	PM	0.0002	--	--	--	0.0000	--	0.000	0.006	Pass
CA	150,000 miles	California LEV-IV SULEV30	CO	0.25	--	--	--	0.29	--	0.5	9.6	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG	0.0037	--	1.0300	--	0.0076	--	0.011	99.000	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG+NOX	0.0086	--	--	--	--	--	0.016	0.030	Pass
CA	150,000 miles	California LEV-IV SULEV30	NOX	0.0049	--	--	--	0.0000	--	0.005	99.000	Pass
CA	150,000 miles	California LEV-IV SULEV30	PM	0.0002	--	--	--	0.0000	--	0.000	0.003	Pass

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Test #	**VVGA10093541**	**Test Procedure**	**95 - SC03**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	01/30/2026	**Fuel**	Gasoline
Fuel Batch ID	TC0042	**Fuel Calibration Number**	1
Vehicle Class	LDV/Passenger Car	**DF Type**	Mfr. Determined
Verify Test Lab ID	Volkswagen Test Center Oxnard		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4363	**Odometer Units**	M
4WD Test Dyno	Yes	**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)	0.0018758	--
CO (Carbon Monoxide)	0.1726585	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	2.7393577	--
DT-EER (Drive Trace Energy Economy Rating)	1.3594626	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	3.1148669	--
MFR FE (Manufacturer Fuel Economy)	17.2	17.2
NOX (Nitrogen Oxide)	0.0107966	--
N2O (Nitrous Oxide)	0.0001396	--
HC-NM (Non-methane Hydrocarbon)	0.0050108	--
NMOG (Non-methane organic gases)	0.005	--
HC-TOTAL (Total Hydrocarbon)	0.0068279	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	504	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	504.4714076	--

Manufacturer Test Comments VW MY27 Atlas 4Motion EDV_SC03 Tested as Atlas 4Motion EDV ETW: 5000 RLHP: 15.3

Certification Summary Information Report

Test Group VVGAJ02.0V3T **Evaporative/Refueling Family** VVGAR0157VCS

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NMHC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 30	CO	0.17	--	--	--	0.29	--	0.5	99.0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NMOG	0.0050	--	1.0300	--	0.0076	--	0.013	99.000	Pass
Fed	150,000 miles	Federal Tier 3 Bin 30	NOX	0.0108	--	--	--	0.0000	--	0.011	99.000	Pass
CA	150,000 miles	California LEV-IV SULEV30	CO	0.17	--	--	--	0.29	--	0.5	1.0	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG	0.0050	--	1.0300	--	0.0076	--	0.013	99.000	Pass
CA	150,000 miles	California LEV-IV SULEV30	NMOG+NOX	0.0158	--	--	--	--	--	0.023	0.030	Pass
CA	150,000 miles	California LEV-IV SULEV30	NOX	0.0108	--	--	--	0.0000	--	0.011	99.000	Pass

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Emission Data Vehicle Information

Vehicle ID / Configuration	VW426070060 / 0	**Manufacturer Vehicle Configuration Number**	0
Original Test Group Name	VVGAJ02.0V3T	**Original Evaporative/Refueling Family**	VVGAR0157VCS
Original Test Vehicle Model Year	2027		

Vehicle Model

Represented Test Vehicle Make	Volkswagen	**Represented Test Vehicle Model**	Atlas

Leak Family Details

Leak Family Identifier	001	**Leak Family Name**	VVGAR0157VCS-001

Drive Sources and Fuel System Details

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

Hybrid Indicator	No		
Multiple Fuel Storage	--	**Multiple Fuel Combustion**	--
Fuel Cell Indicator	--	**Rechargeable Energy Storage System Indicator**	--
Rechargeable Energy Storage System	--	**Rechargeable Energy Storage System, if 'Other'**	--
Off-board charge Capable Indicator	--		
Odometer Correction -- Initial	0	**Odometer Correction Factor**	1.0073
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor		
Odometer Correction Units	Miles		
Engine Code	FAZA	**Rated Horsepower**	282
Displacement (liters)	1.984		
Air Aspiration Method	Turbocharged	**Air Aspiration Method, if 'Other'**	
Number of Air Aspiration Devices	1	**Air Aspiration Device Configuration**	Single
Charge Air Cooler Type	Liquid	**Drive Mode While Testing**	2-Wheel Drive, Front
Shift Indicator Light Usage	Not eqipped	**Aged Emission Components**	4,000 (mi)
Curb Weight (lbs)	4575	**Equivalent Test Weight (pounds)**	5000
GVWR (lbs)	5842	**N/V Ratio**	26.3
Axle Ratio	3.51		
Transmission Type	Semi-Automatic	**# of Transmission Gears**	8
Transmission Lockup	Yes	**Creeper Gear**	No

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

Dynamometer Coefficients:

Coefficient Category	Target Coefficients A (lbf)	Target Coefficients B (lbf/mph)	Target Coefficients C (lbf/mph**2)	Set Coefficients A (lbf)	Set Coefficients B (lbf/mph)	Set Coefficients C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
City/Highway/Evap	36.83	0.2912	0.02385	5.56	0.3682	0.02304	14.8
Cold CO	40.52	0.3203	0.02624	0	0	0	N/A
US06	36.83	0.2912	0.02385	5.56	0.3682	0.02304	N/A

Emission Control Device Comments --

Manufacturer Test Vehicle Comments MY2027 Atlas FWD tested for Evaporative Emissions

Test #	**VVGA10093356**	**Test Procedure**	**34 - Federal fuel 3-day evap**
Exhaust Test # for this Evap Test	VVGA10093346	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	02/06/2026	**Fuel**	Gasoline
Fuel Batch ID	WB0036	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Mfr. Determined
Verify Test Lab ID	Volkswagen AG WOB2		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4348	**Odometer Units**	M
4WD Test Dyno	Yes	**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)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.309	--

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	0.3090	0.000	0.309	0.350	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.3090	0.000	0.309	0.350	Pass

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Test #	**VVGA91006753**	**Test Procedure**	**23 - 2-day evap**
Exhaust Test # for this Evap Test	VVGA91006751	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	03/26/2026	**Fuel**	Gasoline
Fuel Batch ID	43732	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Mfr. Determined
Verify Test Lab ID	--		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4464.1	**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

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.332785	--

Manufacturer Test Comments Hot_Soak_HC_(g) = 0.057857, Diurnal (gHC) = 0.274928

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	0.3328	0.012	0.345	0.350	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.3328	0.012	0.345	0.350	Pass

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Test #	**VVGA10093354**	**Test Procedure**	**24 - Federal fuel refueling test (ORVR)**
Exhaust Test # for this Evap Test	VVGA10093345	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	01/27/2026	**Fuel**	Gasoline
Fuel Batch ID	WB0036	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Mfr. Determined
Verify Test Lab ID	Volkswagen AG WOB2		
E10 Evaporative Test Measurement Method	Actual Total Hydrocarbon Equivalent Measurement (with speciation)		
Test Start Odometer Reading	4209	**Odometer Units**	M
4WD Test Dyno	Yes	**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)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.013	--

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	0.013	0.009	0.02	0.20	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.013	0.009	0.02	0.20	Pass

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Test #	**VVGA10093358**	**Test Procedure**	**32 - Federal Fuel Running Loss**
Exhaust Test # for this Evap Test	VVGA10093346	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	02/06/2026	**Fuel**	Gasoline
Fuel Batch ID	WB0036	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Mfr. Determined
Verify Test Lab ID	Volkswagen AG WOB2		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4348	**Odometer Units**	M
4WD Test Dyno	Yes	**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)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0004	--

Manufacturer Test Comments --

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

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Test #	**VVGA10093352**	**Test Procedure**	**65 - Evap Canister Bleed Test**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)
Test Date	01/28/2026	**Fuel**	Gasoline
Fuel Batch ID	WB0036	**Fuel Calibration Number**	1
Vehicle Class	N/A	**DF Type**	Mfr. Determined
Verify Test Lab ID	Volkswagen AG WOB2		
E10 Evaporative Test Measurement Method	Calculated (1.08 x FID Total Hydrocarbons)		
Test Start Odometer Reading	4191	**Odometer Units**	M
4WD Test Dyno	Yes	**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)
HC-TOTAL-EQUIV (Total Hydrocarbon equivalent - Evap only)	0.0093	--

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	0.0093	0	0.009	0.020	Pass
CA	150,000 miles	California LEV-IV Zero Evap (Option 2)	HC-TOTAL-EQUIV	0.0093	0	0.009	0.020	Pass

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

Fuel Properties

Fuel Batch ID	**WB0036**	**Fuel Calibration Number**	**1**
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	**Fuel Batch Calibration Date**	09/08/2025
Fuel Batch Calibration Effective Date	11/05/2025	**Fuel Batch Calibration Ineffective Date**	--
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	--
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.752
Fuel Ethanol Volume Percent (%)	9.7	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.91	**Fuel Carbon Mass Fraction (E10)**	0.827
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	**Weight Fraction CO2**	--
Fuel Batch ID	**43732**	**Fuel Calibration Number**	**1**
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	**Fuel Batch Calibration Date**	05/08/2025
Fuel Batch Calibration Effective Date	05/08/2025	**Fuel Batch Calibration Ineffective Date**	--
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	--
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.749
Fuel Ethanol Volume Percent (%)	9.6	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	17885
Fuel Net Heat of Combustion (E10) (MJ/kg)	--	**Fuel Carbon Mass Fraction (E10)**	--
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	0.828	**Weight Fraction CO2**	--
Fuel Batch ID	**TC0042**	**Fuel Calibration Number**	**1**
Test Fuel Type	48 - Tier 3 E10 Regular Gasoline (9 RVP @Low Alt.)	**Fuel Batch Calibration Date**	06/05/2025
Fuel Batch Calibration Effective Date	10/08/2025	**Fuel Batch Calibration Ineffective Date**	--
Carbon Weight Fraction NMHC	--	**Carbon Weight Fraction HC**	--
Exhaust Carbon Weight Fraction	--	**Fuel Methanol Volume Fraction**	--
Fuel Density (grams/cubic ft)	--	**Fuel Specific Gravity**	0.745
Fuel Ethanol Volume Percent (%)	10	**Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)**	--
Fuel Net Heat of Combustion (E10) (MJ/kg)	41.51	**Fuel Carbon Mass Fraction (E10)**	0.827
Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)	--	**Weight Fraction CO2**	--

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Consolidated List of Standards

Exhaust Standards

Cert Region	Federal	**Cert/In-Use Code**	Both
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 3 Bin 30
Fuel	Gasoline	**Test Procedure**	Federal fuel 2-day exhaust (w/can load)

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
120,000 miles	CREE	--	--	--	--	--	--	0.387	999
120,000 miles	METHANE	--	--	--	--	--	--	0.0020	0.030
120,000 miles	N2O	--	--	--	--	--	--	0.0006	0.010
150,000 miles	CO	--	--	--	--	--	--	0.29	1.0
150,000 miles	CO-COMP	--	--	--	--	--	--	--	4.2
150,000 miles	NMOG	--	--	1.0991	--	--	--	0.0076	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0076	0.030
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	--	0.040
150,000 miles	NOX	--	--	--	--	--	--	0.0000	99.000
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.003

Cert Region	Federal	**Cert/In-Use Code**	Both
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 3 Bin 30
Fuel	Gasoline	**Test Procedure**	HWFE

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
120,000 miles	CREE	--	--	--	--	--	--	0.387	999
150,000 miles	NMOG	--	--	1.0300	--	--	--	0.0076	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0076	0.030
150,000 miles	NOX	--	--	--	--	--	--	0.0000	99.000

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Cert Region	Federal	**Cert/In-Use Code**	Both
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 3 Bin 30
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	--	--	--	--	--	--	0.29	99.0
150,000 miles	NMOG	--	--	1.0300	--	--	--	0.0076	99.000
150,000 miles	NOX	--	--	--	--	--	--	0.0000	99.000

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV SULEV30
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	--	--	--	--	--	--	0.29	9.6
150,000 miles	NMOG	--	--	1.0300	--	--	--	0.0076	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0076	0.030
150,000 miles	NOX	--	--	--	--	--	--	0.0000	99.000
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.003

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Both
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV SULEV30
Fuel	Gasoline	**Test Procedure**	HWFE

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	NMOG	--	--	1.0300	--	--	--	0.0076	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0076	0.030
150,000 miles	NOX	--	--	--	--	--	--	0.0000	99.000

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV SULEV30
Fuel	Gasoline	**Test Procedure**	Federal fuel 2-day exhaust (w/can load)

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0.29	1.0
150,000 miles	NMOG	--	--	1.0991	--	--	--	0.0076	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0076	0.030
150,000 miles	NOX	--	--	--	--	--	--	0.0000	99.000
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.001

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV SULEV30
Fuel	Gasoline	**Test Procedure**	Quick-Driveway (QD)

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	NMOG	--	--	1.0991	--	--	--	0.0076	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0076	0.042
150,000 miles	NOX	--	--	--	--	--	--	0.0000	99.000

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Both
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV SULEV30
Fuel	Gasoline	**Test Procedure**	Partial Soak (PS) - 40 minute

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	NMOG	--	--	1.0991	--	--	--	0.0076	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0076	0.023
150,000 miles	NOX	--	--	--	--	--	--	0.0000	99.000

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Both
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV SULEV30
Fuel	Gasoline	**Test Procedure**	Fed. fuel 50 F exh.

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
4,000 miles	CO	--	--	--	--	--	--	--	1.0
4,000 miles	NMOG	--	--	1.0991	--	--	--	--	99.999
4,000 miles	NMOG+NOX	--	--	--	--	--	1	--	0.060
4,000 miles	NOX	--	--	--	--	--	--	--	99.999

Cert Region	Federal	**Cert/In-Use Code**	Both
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 4 Bin 30
Fuel	Gasoline	**Test Procedure**	Partial Soak (PS) - 40 minute

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	NMOG	--	--	1.0991	--	--	--	0.0076	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0076	0.023
150,000 miles	NOX	--	--	--	--	--	--	0.0000	99.000

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Both
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV SULEV30
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	--	--	--	--	--	--	0.29	1.0
150,000 miles	NMOG	--	--	1.0300	--	--	--	0.0076	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0076	0.030
150,000 miles	NOX	--	--	--	--	--	--	0.0000	99.000

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Cert Region	Federal	**Cert/In-Use Code**	Both
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 3 Bin 30
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	--	--	--	--	--	--	0.29	99.0
150,000 miles	NMOG	--	--	1.0300	--	--	--	0.0076	99.000
150,000 miles	NOX	--	--	--	--	--	--	0.0000	99.000
150,000 miles	PM	--	--	--	--	--	--	0.0000	0.006

Cert Region	Federal	**Cert/In-Use Code**	Both
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 3 Bin 30
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	--	--	--	--	--	--	0.10	10.0
120,000 miles	HC-NM	--	--	--	--	--	--	0.0055	0.3

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Both
Vehicle Class	LDV/Passenger Car	**Standard Level**	California LEV-IV SULEV30
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	--	--	--	--	--	--	0.10	10.0

Cert Region	Federal	**Cert/In-Use Code**	Cert
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 4 Bin 30
Fuel	Gasoline	**Test Procedure**	Quick-Driveway (QD)

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	NMOG	--	--	1.0991	--	--	--	0.0076	99.000
150,000 miles	NMOG+NOX	--	--	--	--	--	--	0.0076	0.042
150,000 miles	NOX	--	--	--	--	--	--	0.0000	99.000

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

Evaporative/Refueling Standards

Evaporative/Refueling Family	VVGAR0157VCS	**Cert Region**	Federal
Cert/In-Use Code	Both	**Standard Level**	Federal Tier 3 Evap
Test Procedure	2-day evap		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.350	0.012

Evaporative/Refueling Family	VVGAR0157VCS	**Cert Region**	California + CAA Section 177 states
Cert/In-Use Code	Both	**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	VVGAR0157VCS	**Cert Region**	California + CAA Section 177 states
Cert/In-Use Code	Both	**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-TOTAL-EQUIV	--	0.20	0.009

Evaporative/Refueling Family	VVGAR0157VCS	**Cert Region**	Federal
Cert/In-Use Code	Both	**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	VVGAR0157VCS	**Cert Region**	California + CAA Section 177 states
Cert/In-Use Code	Both	**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	--	0.350	0.000

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS

Evaporative/Refueling Family	VVGAR0157VCS	**Cert Region**	Federal
Cert/In-Use Code	Both	**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	--	0.350	0.000

Evaporative/Refueling Family	VVGAR0157VCS	**Cert Region**	Federal
Cert/In-Use Code	Both	**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

Evaporative/Refueling Family	VVGAR0157VCS	**Cert Region**	California + CAA Section 177 states
Cert/In-Use Code	Both	**Standard Level**	California LEV-IV Zero Evap (Option 2)
Test Procedure	2-day evap		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.350	0.012

Evaporative/Refueling Family	VVGAR0157VCS	**Cert Region**	California + CAA Section 177 states
Cert/In-Use Code	Both	**Standard Level**	California LEV-IV 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

Evaporative/Refueling Family	VVGAR0157VCS	**Cert Region**	Federal
Cert/In-Use Code	Both	**Standard Level**	Federal Tier 3 Evap
Test Procedure	Federal fuel refueling test (ORVR)		

Fuel	Useful Life	Emission Name	Rounded Result	Std	Add DF
Gasoline	150,000 miles	HC-TOTAL-EQUIV	--	0.20	0.009

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	Evaporative/Refueling Family	VVGAR0157VCS

Glossary

Useful Life

4	4,000 miles	120	120,000 miles
50	50,000 miles	150	150,000 miles
100	100,000 miles		

Emission Name

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

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS
ACT-DISTANCE	Actual Distance Driven (miles)	WATT-HRS BAG 3	Bag 3 Watt Hours
AS-VOLT	Average System Voltage	WATT-HRS BAG 4	Bag 4 Watt Hours
CO2 BAG 1	Bag 1 Carbon Dioxide	WATT-HRS	Watt Hours
CO2 BAG 2	Bag 2 Carbon Dioxide	HC-NM BAG 1	Bag 1 Non-methane Hydrocarbon
CO2 BAG 3	Bag 3 Carbon Dioxide	HC-NM BAG 2	Bag 2 Non-methane Hydrocarbon
CO2 BAG 4	Bag 4 Carbon Dioxide	HC-NM BAG 3	Bag 3 Non-methane Hydrocarbon
NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides	HC-NM BAG 4	Bag 4 Non-methane Hydrocarbon
NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides	N2O BAG 1	Bag 1 Nitrous Oxide
DT-IWRR	Drive Trace Inertia Work Ratio Rating	N2O BAG 2	Bag 2 Nitrous Oxide
DT-ASCR	Drive Trace Absolute Speed Change Rating	N2O BAG 3	Bag 3 Nitrous Oxide
DT-EER	Drive Trace Energy Economy Rating	N2O BAG 4	Bag 4 Nitrous Oxide
Certification Region			
CA	California + CAA Section 177 states	FA	Federal
Exhaust Emission Standard Level			
B1	Federal Tier 2 Bin 1	HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340
B2	Federal Tier 2 Bin 2	HDV2B250	Federal Tier 3 HD Class 2b Bin 250
B3	Federal Tier 2 Bin 3	HDV2B200	Federal Tier 3 HD Class 2b Bin 200
B4	Federal Tier 2 Bin 4	HDV2B170	Federal Tier 3 HD Class 2b Bin 170
B5	Federal Tier 2 Bin 5	HDV2B150	Federal Tier 3 HD Class 2b Bin 150
B6	Federal Tier 2 Bin 6	HDV2B0	Federal Tier 3 HD Class 2b Bin 0
B7	Federal Tier 2 Bin 7	HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630
B8	Federal Tier 2 Bin 8	HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570
B9	Federal Tier 2 Bin 9	HDV3B400	Federal Tier 3 HD Class 3 Bin 400
B10	Federal Tier 2 Bin 10	HDV3B270	Federal Tier 3 HD Class 3 Bin 270
B11	Federal Tier 2 Bin 11	HDV3B230	Federal Tier 3 HD Class 3 Bin 230
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)	HDV3B200	Federal Tier 3 HD Class 3 Bin 200
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	HDV3B0	Federal Tier 3 HD Class 3 Bin 0
L2	California LEV-II LEV	L4SULEV100	California LEV-IV SULEV100
L2OP	California LEV-II LEV Optional	L4SULEV125	California LEV-IV SULEV125
U2	California LEV-II ULEV	L4SULEV15	California LEV-IV SULEV15
S2	California LEV-II SULEV	L4SULEV150	California LEV-IV SULEV150
ZEV	California ZEV	L4SULEV170	California LEV-IV SULEV170
OT	Other	L4SULEV175	California LEV-IV SULEV175
T1	Federal Tier 1	L4SULEV20	California LEV-IV SULEV20
PZEV	California PZEV	L4SULEV200	California LEV-IV SULEV200
L2LEV160	California LEV-II LEV160	L4SULEV230	California LEV-IV SULEV230
L2ULEV125	California LEV-II ULEV125	L4SULEV25	California LEV-IV SULEV25
L2SULEV30	California LEV-II SULEV30	L4SULEV30	California LEV-IV SULEV30
L2LEV395	California LEV-II LEV395	L4SULEV75	California LEV-IV SULEV75

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS
L2ULEV340	California LEV-II ULEV340	L4SULEV85	California LEV-IV SULEV85
L2LEV630	California LEV-II LEV630	L4ULEV125	California LEV-IV ULEV125
L2ULEV570	California LEV-II ULEV570	L4ULEV200	California LEV-IV ULEV200
L3LEV160	California LEV-III LEV160	L4ULEV250	California LEV-IV ULEV250
L3ULEV125	California LEV-III ULEV125	L4ULEV270	California LEV-IV ULEV270
L3ULEV70	California LEV-III ULEV70	L4ULEV40	California LEV-IV ULEV40
L3ULEV50	California LEV-III ULEV50	L4ULEV400	California LEV-IV ULEV400
L3SULEV30	California LEV-III SULEV30	L4ULEV50	California LEV-IV ULEV50
L3SULEV20	California LEV-III SULEV20	L4ULEV60	California LEV-IV ULEV60
L3LEV395	California LEV-III LEV395	L4ULEV70	California LEV-IV ULEV70
L3ULEV340	California LEV-III ULEV340	T4B170	Federal Tier 4 MDV Bin 170
L3ULEV250	California LEV-III ULEV250	T4B150	Federal Tier 4 MDV Bin 150
L3ULEV200	California LEV-III ULEV200	T4B125	Federal Tier 4 MDV Bin 125
L3SULEV170	California LEV-III SULEV170	T4B100	Federal Tier 4 MDV Bin 100
L3SULEV150	California LEV-III SULEV150	T4B85	Federal Tier 4 MDV Bin 85
L3LEV630	California LEV-III LEV630	T4B75	Federal Tier 4 MDV Bin 75
L3ULEV570	California LEV-III ULEV570	T4B70	Federal Tier 4 Bin 70
L3ULEV400	California LEV-III ULEV400	T4B65	Federal Tier 4 Bin 65
L3ULEV270	California LEV-III ULEV270	T4B60	Federal Tier 4 Bin 60
L3SULEV230	California LEV-III SULEV230	T4B55	Federal Tier 4 Bin 55
L3SULEV200	California LEV-III SULEV200	T4B50	Federal Tier 4 Bin 50
T3B160	Federal Tier 3 Bin 160	T4B45	Federal Tier 4 Bin 45
T3B125	Federal Tier 3 Bin 125	T4B40	Federal Tier 4 Bin 40
T3B110	Federal Tier 3 Transitional Bin 110	T4B35	Federal Tier 4 Bin 35
T3B85	Federal Tier 3 Transitional Bin 85	T4B30	Federal Tier 4 Bin 30
T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover	T4B25	Federal Tier 4 Bin 25
T3B70	Federal Tier 3 Bin 70	T4B20	Federal Tier 4 Bin 20
T3B50	Federal Tier 3 Bin 50	T4B15	Federal Tier 4 Bin 15
T3B30	Federal Tier 3 Bin 30	T4B10	Federal Tier 4 Bin 10
T3B20	Federal Tier 3 Bin 20	T4B5	Federal Tier 4 Bin 5
T3B0	Federal Tier 3 Bin 0	T4B0	Federal Tier 4 Bin 0
HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395		

Transmission Type Code			
AMS	Automated Manual- Selectable (e.g. Automated Manual with paddles)	M	Manual
A	Automatic	OT	Other
AM	Automated Manual	SA	Semi-Automatic
CVT	Continuously Variable	SCV	Selectable Continuously Variable (e.g. CVT with paddles)

Drive System Code			
4	4-Wheel Drive	P	Part-time 4-Wheel Drive

Certification Summary Information Report

Test Group	VVGAJ02.0V3T	**Evaporative/Refueling Family**	VVGAR0157VCS
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

8. Emission Testing Waiver Statements

Emissions Continuity Compliance Statement **NMOG, CO, CO2, NOx,** *N_2O, CH_4, and HCHO*

In accordance with EPA Guidance Letter CD-14-19 and 40 CFR 86.1809-12 (e) the Volkswagen Group hereby certifies that based on engineering evaluations of emission testing there is no discontinuity in emission performance of NMOG, CO, CO2, NOx, N_2O, CH_4 and HCHO as measured and averaged over the Federal Test Procedure and the Highway Test Procedure in the temperature range of 20°F to 86°F for vehicles in this test group.

The normal operation of the emission control system consists of:
(i) Cycling back and forth in a narrow window between rich and lean operation as a result of feedback controls targeted to maintain overall engine operation at stoichiometry.
(ii) Small changes in the target air-fuel ratio to optimize vehicle emissions or drivability. This may be called ''closed loop biasing.''
(iii) Temporary enrichment in response to rapid throttle motion.
(iv) Enrichment during cold-start and warm-up conditions.
(v) Temporary air/fuel mixture modulation for running OBD checks to comply with California OBD regulations contained in 13 CCR §1968.2.
(vi) Infrequent operation modes, e.g. PM trap regeneration, are certified under special provisions of the CFR".

The modulation of the emission control system can cause step changes in emissions and CO2 depending on the driving condition (engine speed and load).
This modulation is not forming a discontinuity in emissions because it is included in the Federal Test Procedures and is working under the same conditions during on-road operation.

91 RON (Knock Sensor): Compliance Statement:
(Note: Statement only applies to regular fuel concepts)

In accordance with EPA Guidance Letter CD-14-19 and VPCD-97-01, city and highway fuel economy test result differences between 91 RON operation and 96 RON operation are within 3% and there are no emission increases (beyond normal test variability) using 91 RON fuel with a comparable fuel specification when tested on the FTP or SFTP cycles.

A/C Calibrations – Compliance Statement

In accordance with EPA Guidance Letter CD-14-19 and 40 CFR 86.1811-17 (d) (3) there are neither A/C-on specific calibrations nor A/C-on specific "open-loop" or "commanded" air fuel enrichment strategies incorporated into the vehicle design of this Test Group.

Lean Best Torque Compliance Statement

In accordance with EPA Guidance Letter CD-14-19 and 40 CFR 86.1811-17 (d) (1) the air fuel ratio is not richer at any time over the US06 cycle than the leanest air fuel ratio required to obtain maximum torque plus a tolerance of four percent. Other enrichments, if applicable e.g. for part protection, are described in the AECD description of the test group (section 16.11).

Lean-On Cruise Compliance Statement

In accordance with EPA Guidance Letter CD-14-19 and 40 CFR 86.1811-17 (d) (4) there are no "Lean-on-cruise" calibration strategies incorporated into the vehicle design of this test group.

OBD Compliance Statement

The OBD system meets the full intent of both the EPA Tier 3 Regulations contained in CFR Title 40 Part 86.1806-17 and the California OBD regulations contained in 13 CCR §1968.2.

Leak Free Exhaust System Compliance Statement

In accordance with 40 CFR 86.1844-01(d)(16(i), the Volkswagen Group hereby states that, for vehicles described in this application, as appropriate, it has conducted an engineering analysis of the complete exhaust system to ensure that the exhaust system has been designed:
(A) To facilitate leak-free assembly, installation and operation for the full useful life of the vehicles, 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.
A “leak-free” exhaust system is understood from the engine block to the point in the exhaust system behind the last component of exhaust aftertreatment system (e.g. catalyst).
Silencer/muffler and tailpipes are not part of the exhaust aftertreatment system when installed downstream the last component of exhaust aftertreatment.
For installation/mounting of the exhaust system clamps and/or flanges are used with a technical leakage specification ensuring compliance with exhaust emission standards in-use.
Meaning: The exhaust system is designed to fulfill the lowest leakage according to state-of-the-art exhaust aftertreatment systems.

High Altitude Exhaust Emissions Compliance Statement

In accordance with 40 CFR 86.1829-15 (c), The Volkswagen Group hereby certifies that, based upon engineering evaluation and high altitude emission tests conducted on similar vehicles, all vehicles of this test group comply with the high altitude exhaust emissions requirements.

Formaldehyde Emissions Compliance Statement

In accordance with 40 CFR 86.1829-15 (d) (4), and based upon good engineering judgment, the Volkswagen Group hereby states that vehicles certified based upon NMHC emissions comply with the applicable formaldehyde emission standards.

High Altitude Evaporative/Refueling Emissions Compliance Statement

In accordance with 40 CFR 86.1829-01 (b) (2) (ii) (B), the Volkswagen Group hereby certifies that, based upon engineering evaluation and high altitude evaporative/refueling tests conducted on similar vehicles, all vehicles of this test group comply with the high altitude evaporative/refueling emissions requirements.

Spitback Compliance Statement

In accordance 40 CFR 86.1829-15 (e) (5) the Volkswagen Group hereby certifies that the vehicle inherently meets the Fuel Dispensing Spitback Standard as part of compliance with the refueling emission standard. This certification applies to the full useful life of the vehicle. Testing is therefore not required.

Evaporative Leak Test Compliance Statement

In accordance with 40 CFR 86.1829-15 (e) (4), the Volkswagen Group hereby certifies that, based upon engineering evaluation all vehicles in the evaporative/refueling emission family comply with the evaporative emission standard outlined in 40 CFR 86.1813-17 (a) (4).

Driver-Selectable modes Compliance Statement

In accordance with EPA Guidance Letter CISD-09-19, all driver-selectable transmission drive modes are deemed to comply with emission standards.

Intermediate Soak Compliance Statement

In accordance with 40 CFR 86.1829-15 (d)(7), the Volkswagen Group hereby certifies that vehicles in this test group comply with the intermediate soak standards of 40 CFR 86.1811-27 (b)(4)(ii) for soak times not covered by testing.

9.0 OBD System Description

9.1 Summary Table

Refer to Section 16 (included in OBD II A – P application)

9.2 California Air Resources Board OBD System Approval Letter.

Refer to Section 16

10. Description of Alternate Fueled Vehicles

Not applicable

11. Auxiliary Emission Control Devices (AECD) Descriptions

Refer to Section 16.2 of this Application

12.0 List of Certified Vehicles

Durability Group	VVGAGPGNNV3T
Test Group	VVGAJ02.0V3T
Evap Family	VVGAR0157VCS
Emission Control System:	CAC/DFI/AIR/TC/WR-HO2S/ TWC(2)/GPF/HO2S

Engine Displacement:	2.0 liter
Valves per Cylinder:	4
Sales Area:	50 states
MMS:	SIMOS 30
SIL:	N/A

Engine Code	Model	Vehicle Class	Engine Code Characteristics			HP @RPM	Torque @RPM [lb-ft]	Trans. / OD	ETW	Curb Weight [lbs]	GVWR [lbs]	Fuel Tank Capacity [Gal]	Canister working capacity [g]	Tire size	N/V Ratio	Start/ Stop [Y/N]
			Cat. Code	Comp. ratio	Idle [rpm]											
FAZA	Atlas SEL 4Motion	LDT3	JM1102, UTC3700	10.5:1	760 ±100	282 @5750-6500	258 @1900-5750	8	5000	4753	6041	19.5	157	255/50 R20 265/45 R21	26.3 26.0	Y
	Atlas SE w/ Tech 4Motion	LDT3							5000	4753	6041			255/50 R20	26.3	
	Atlas SE 4Motion	LDT2							5000	4753	5864			245/60 R18	26.7	
	Atlas	LDT2							4750	4575	5842			245/60 R18 255/50 R20	26.7 26.3	
	Atlas Cross Sport 4Motion	LDT2							4750	4575	5864			245/60 R18 255/50 R20 265/45 R21	26.7 26.3 26.0	
	Atlas Cross Sport	LDV							4750	4389	5644			245/60 R18 255/50 R20	26.7 26.3	

*1Nm = 0.737561 lbf×ft

12.1 Transmissions

Transmission	Transmission Characteristic												
	Drivetrain	Gear Count	Lock-Up rpm		Gearbox Ratios								
			Gear	min/max	Axle	Gear 1	Gear 2	Gear 3	Gear 4	Gear 5	Gear 6	Gear 7	Gear 8
AQ451-8A	AWD	8	1-8	n.a.	3.510	5.312	3.002	1.864	1.404	1.194	1.000	0.814	0.670
AQ451-8F	FWD	8	1-8	n.a.	3.510	5.312	3.002	1.864	1.404	1.194	1.000	0.814	0.670

12.2 Test conditions

Model	ETW	Road Track Coefficients						TRL50	TCDT	Fuel Tank Cap.	Fan Pos.	Drive Mode for Testing	Shift Sched. I.D.	Test Fuel	DF Source
		F0	F1	F2	F0	F1	F2								
	[lbs]	[lb*f]	[lb*f/mph]	[lb*f/(mph)²]	[N]	[N/(km/h)]	[N/(km/h)²]	[hp]	[s]	40% / 100% [Gal]					
Atlas 4Motion (SE/SEL)	5000	38.87	0.2639	0.02500	172.89	0.7293	0.04294	15.3	20.5	7.8/ 19.5	20	Sport, Drive	automatic	Tier 3, 2	VW426070062
Atlas	4750	36.05	0.2815	0.02385	160.37	0.7781	0.04097	14.6	20.3	7.8/ 19.5	20	Drive	automatic	Tier 2	
Atlas (Evap EDV)	5000	36.83	0.2912	0.02385	163.85	0.8048	0.04097	14.8	21.1	7.8/ 19.5	20	Drive	automatic	Tier 3	
Atlas 4Motion_CND	5000	38.87	0.2639	0.02422	172.89	0.7293	0.04159	15.0	20.9	7.8/ 19.5	20	Drive	automatic	Tier 2	
Atlas Cross Sport 4Motion	4750	38.09	0.2542	0.02481	169.41	0.7026	0.04261	15.0	19.8	7.8/ 19.5	20	Drive	automatic	Tier 2	
Atlas Cross Sport	4750	36.05	0.2815	0.02429	160.37	0.7781	0.04172	14.8	20.1	7.8/ 19.5	20	Drive	automatic	Tier 2	
Atlas Cross Sport 4Motion CND	5000	38.87	0.2639	0.02397	172.89	0.7293	0.04117	14.9	21.0	7.8/ 19.5	20	Drive	automatic	Tier 2	

Engine Starting procedure:
Press the brake pedal and move the selector lever into the P or N position.
Start engine by turning key to “Start” position or by pushing the Engine “Stop/Start” button.

ESP/ABS Deactivation procedure
Dyno Mode must be activated.
Refer to Section 16 for Dyno Mode activation procedure.

Fan Position during dyno testing:
FTP / HWY = Road Speed Fan (Modulated)
US06 = Road Speed Fan (Modulated)

Automatic Headlight System:
Automatic headlight system must be disabled prior to any emissions or fuel economy / range testing.
Please contact VWGoA Engineering and Environmental Office if you need assistance with disabling the automatic headlights.
Daytime Running Lights (DRL):
Daytime running lights must be disabled prior to fuel economy / range testing.
Please contact VWGoA Engineering and Environmental Office if you need assistance with disabling the daytime running lights.

Climate Control Settings used for testing:

- SC03: Climate Control Setting description
    1. Turn A/C on
    2. Select Sync.
    3. Select 72°F temperature
    4. Activate air recirculation
    5. Select max air flow
    6. Choose air flow setting towards driver, footwell and windscreen

12.3 e-Motor Details

Not Applicable

12.4 Battery details

Not Applicable

12.4 Charging details

Not Applicable

13.0 Test Group Projected Sales

Refer to Section 16 of this Test Group Application

13.1 Compliance Plans

Refer to Section 16 of the Common Section

14. Request for Certificate

14.1 Statement of Compliance

Based on good engineering judgment, the Volkswagen Group states that all the vehicles described in this application for Certification comply with all applicable standards and regulations, incl. the provisions of 40 CFR Parts 85, 86 and 600.

14.2. Durability Statement

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

15. Other Information

15.1 Revision Index

Sect No.	Date:	Comment:	R/C No.
Part 1			
All	03/27/2026	Initial Application created	
Cover	04/23/2026	Evap test # updated w/ EPA test	
6	04/23/2026	Test vehicle description updated w/ EPA test	
7	04/23/2026	CSI updated w/ EPA test	
7	05/19/2026	CSI updated w/ CARB LDT std	
All	07/01/2026	RC to add Atlas Cross Sport models	RC_02_26

15.2 Running Change (RC) / Field Fix (FF) Log

Running Change / Field Fix Log for test group only.

Model Year: 2027
Test Group: VVGAJ02.0V3T
Models: Atlas, Atlas SEL 4Motion, Atlas SE w/ tech 4Motion, Atlas SE 4Motion, Atlas Cross Sport, Atlas Cross Sport 4Motion
Evaporative Family: VVGAR0157VCS

RC / FF Number	Description of Change / Reason	Date
RC_VV2.0V3T_01_26	Improved ECM software has been developed and will be available for production (SOP SW)	06/15/2026
RC_VV2.0V3T_02_26	Addition of the Atlas Cross Sport and Atlas Cross Sport 4Motion as new models for the test group. The Cross Sport models added under this RC fall within the weight and RL range of the existing 7-seat models and do not affect the Atlas SEL 4Motion EDV results	07/01/2026

VOLKSWAGEN

GROUP OF AMERICA

Mr. Joshua Kimball
Compliance and Innovative Strategies Division
Office of Mobile Sources
U. S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105

Ms.Telena Vo
Emissions Certification and Compliance Division (ECCD)
California Air Resources Board
4001 Iowa Avenue
Riverside, CA 92507

Tony D'Ambrosi	Name
Director - Homologation	Title
EEO	Department
248-754-4396	Phone
Tony.DAmbrosi@vw.com	E-Mail

July 01, 2026 Date

VOLKSWAGEN GROUP OF AMERICA, INC.
3800 HAMLIN ROAD
AUBURN HILLS, MI 48326

Subject: Running Change for MY 2027 Volkswagen Group Test Group VVGAJ02.0V3T

Dear Mr. Kimball and Ms.Vo,

With this letter we wish to inform the agencies of a Running Change for the following test group:

Test Group:	VVGAJ02.0V3T
Evaporative Family:	VVGAR0157VCS
Models	VW Atlas, Atlas SEL 4Motion, Atlas SE w/ Tech 4Motion, Atlas SE 4Motion, Atlas Cross Sport, Atlas Cross Sport 4Motion
Transmission	EQ430-1P + EQ550-1P
Running Change Number:	RC_VV2.0V3T_02_26.

Summary of enclosed pages:

Addition of the Atlas Cross Sport and Atlas Cross Sport 4Motion as new models for the test group. The Cross Sport models added under this RC fall within the weight and RL range of the existing 7-seat models and do not affect the Atlas SEL 4Motion EDV results.

If you have any questions regarding this information, please contact Greg Allen (248) 754-4209 at our office in Auburn Hills.

Sincerely,

D'Ambrosi Anthony VWPKI 5406C07D40F4331C

Digitally signed by D'Ambrosi Anthony VWPKI 5406C07D40F4331C
Date: 2026.07.01 08:31:45 -04'00'

Tony D'Ambrosi
Volkswagen Group of America, Inc.
Engineering and Environmental Office

Enclosure(s)

CC: Mahfuz Rahman ARB

Running Change

MY2027

Report Number: **RC_VV2.0V3T_02_26**

Test Group: VVGAJ02.0V3T
Evap. Family: VVGAR0157VCS
Vehicles Affected: VW Atlas, Atlas SEL 4Motion, Atlas SE w/ Tech 4Motion, Atlas SE 4Motion, Atlas Cross Sport, Atlas Cross Sport 4Motion
Transmission: AQ451-8A / AQ451-8F

Event: This Running Change Submission is to add the VW Atlas Cross Sport and Atlas Cross Sport 4Motion as new models for the test group.

Analysis: The Cross Sport models added under this RC fall within the weight and RL range of the existing 7-seat models and do not affect the Atlas SEL 4Motion EDV results.

Model	ETW	Road Track Coefficients						TRL50	TCDT
		F0	F1	F2	F0	F1	F2		
	[lbs]	[lb*f]	[lb*f/mph]	[lb*f/(mph)²]	[N]	[N/(km/h)]	[N/(km/h)²]	[hp]	[s]
Atlas 4Motion (SE/SEL)	5000	38.87	0.2639	0.02500	172.89	0.7293	0.04294	15.3	20.5
Atlas	4750	36.05	0.2815	0.02385	160.37	0.7781	0.04097	14.6	20.3
Atlas (Evap EDV)	5000	36.83	0.2912	0.02385	163.85	0.8048	0.04097	14.8	21.1
Atlas 4Motion_CND	5000	38.87	0.2639	0.02422	172.89	0.7293	0.04159	15.0	20.9
Atlas Cross Sport 4Motion	4750	38.09	0.2542	0.02481	169.41	0.7026	0.04261	15.0	19.8
Atlas Cross Sport	4750	36.05	0.2815	0.02429	160.37	0.7781	0.04172	14.8	20.1
Atlas Cross Sport 4Motion CND	5000	38.87	0.2639	0.02397	172.89	0.7293	0.04117	14.9	21.0

*Sec 12.2 of RC application

Impact on Emissions and Certification Documentation:

This change **does not** introduce a new worst-case configuration. (determined by engineering evaluation).

15.3 ORVR Safety Statement

Volkswagen is using standard technology in all MY2027 vehicle ORVR systems. In accordance with EPA Guidance letter CISD-06-06, ORVR application will not be submitted.

US EPA Fee Form

Help and EPA Instructions

* Required Field

General Information

Date: 02/18/2026

Process Code *

Submit New Fee Filing Form

Manufacturer Code *

VGA

Manufacturer Name *

Volkswagen Group of America

Contact Name *

Greg Allen

Contact Email Address *

Gregory.Allen@vw.com

Contact Phone *

248-754-4209

Calendar Year complete application submitted to EPA *

2026

PLEASE NOTE: These fees apply to complete certification applications received by EPA from January 1, 2026, through December 31, 2026. The applicable fee is determined by the

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

Engine Family / Evaporative Family / Test Group *

VVGAJ02.0V3T

Certificate Request Type (Industry Sector Code)

Certificate Request Type *

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

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

ICI VIN Number (Required for ICIs Only)

Do you qualify for a Reduced Fee? *

No

Payment Information

Amount Owed

$32,317.00

Payment Type *

Offline ACH

Comments

MY2027 Certification Fee for VVGAJ02.0V3T
Pay.gov Tracking ID: 27VNMDAD
Agency Tracking ID: 77300727818

EPA Form Number 3520-29
OMB Control No. 2060-0545
Approval expires 7/31/2027

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

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

VOLKSWAGEN

GROUP OF AMERICA

Mr. Joshua Kimball
Compliance and Innovative Strategies Division
Office of Mobile Sources
U. S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105

Anthony D'Ambrosi	Name
Dir. Homologation	Title
EEO - Certification	Department
(248) 754-4396	Phone
Tony.DAmbrosi@vw.com	E-Mail

April 23, 2026 Date

Subject: MY 2027 Volkswagen Group Light Duty Vehicle Initial Application for Emissions Certification for Test Group VVGAJ02.0V3T with Evaporative Family VVGAR0157VCS.

Dear Mr. Kimball,

We submit, with this letter, the model year 2027 Part 1 Application for Emissions Certification for the following Test Group:

Test Group	Standards	Sales Area
VVGAJ02.0V3T	Tier 4 Bin 30 (Interim)	Federal
	LEV 4 SULEV 30	California

Copies of the Certification Fee filing form and OBD approval letter are contained in sections 15 and 16 of the included electronic application.

All vehicles within this test group comply with all applicable regulations contained in 40 CFR Part 86, Part 1066 and the compliance statements contained in sections 8 and 14.

This submission constitutes our final application and the request for issuance of a Certificate of Conformity.

If you have any questions with regard to this information, please contact our office in Auburn Hills at (248) 754-4396.

Sincerely,

D'Ambrosi Anthony VWPKI 5406C07D40F4331C

Digitally signed by D'Ambrosi Anthony VWPKI 5406C07D40F4331C
Date: 2026.04.23 11:06:24 -04'00'

Anthony D'Ambrosi
Volkswagen Group of America, Inc.
Engineering and Environmental Office

Enclosure(s)

VOLKSWAGEN

GROUP OF AMERICA

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

Anthony D'Ambrosi	Name
Dir, Homologation	Title
EEO - Certification	Department
(248) 754-4396	Phone
Tony.DAmbrosi@vw.com	E-Mail

March 26, 2026 Date

Subject: MY 2027 Volkswagen Group Light Duty Vehicle Initial Application for Emissions Certification for Test Group VVGAJ02.0V3T with Evaporative Family VVGAR0157VCS.

Dear Ms. Lang,

We submit, with this letter, the model year 2027 Part 1 Application for Emissions Certification for the following Test Group:

Test Group	Standards	Sales Area
VVGAJ02.0V3T	Tier 4 Bin 30 (Interim)	Federal
	LEV 4 SULEV 30	California

This submission constitutes our final application and the request for issuance of the Executive Order.

If you have any questions with regard to this information, please contact our office in Auburn Hills at (248) 754-4396.

Sincerely,

D'Ambrosi Anthony VWPKI 5406C07D40F4331C

Digitally signed by D'Ambrosi Anthony VWPKI 5406C07D40F4331C
Date: 2026.03.26 17:59:45 -04'00'

Anthony D'Ambrosi
Volkswagen Group of America, Inc.
Engineering and Environmental Office

Enclosure(s)

California ARB Information

17.1 California Compliance Statements

Production Vehicle same as Test Vehicle Statement

The production vehicles represented by the particular engine families will be in all material respects of the same design as those for which vehicle approval is granted.

Smog Check Compliance Statement

Vehicles in this test group meet California's BAR Smog Check requirement in 16 CCR § 3340.42 by having a compliant OBD system (13 CCR § 1968.2) that will satisfy the California BAR-OIS OBD focused test method and the OBD pass-fail criteria in 16 CCR § 3340.42.2(c).

CARB Fill Pipe Bench Leak Rate Compliance Statement

In accordance with Section VI (Bench Leak Rate Specification) of the Air Resources Board document, "Specifications for fill pipes and openings of 2015 and subsequent model motor vehicle fuel tanks", amended on May 31, 2019, the VW Group hereby attests that, for the leak family(s) stated, the systems meet the specifications in Section VI when tested per the test procedure in section VIII.

Adjustable Parameters/Tamper Resistance Statement

The emission control system contains no devices that contain parameters that are designed, and/or intended, to be physically capable of being adjusted.

Partial Soak Compliance Statement

In accordance with Title 13 CCR Chapter 1, Section 1961.4 (d)(2)(B), the Volkswagen Group hereby certifies that vehicles in this test group comply with the partial soak standards applicable in the aforementioned section.

SC03 Exhaust Emissions Compliance Statement

In accordance with California Code of Regulations Title 13 Section 1961.4 (d)(4), the Volkswagen Group attests that vehicles tested using the SC03 test procedure meet the NMOG+NOx and CO exhaust emissions requirements.

Environmental Performance Label Information

VW Group applies new EPA label in lieu of the CA EP label.

California Emissions Warranty Statement

Please refer to California Emissions Warranty booklets located in Section 16 of the Common Section.

17.2 Fill Pipe Specifications

Please refer to the Section 16

17.3 Evaporative Emission Deterioration Program

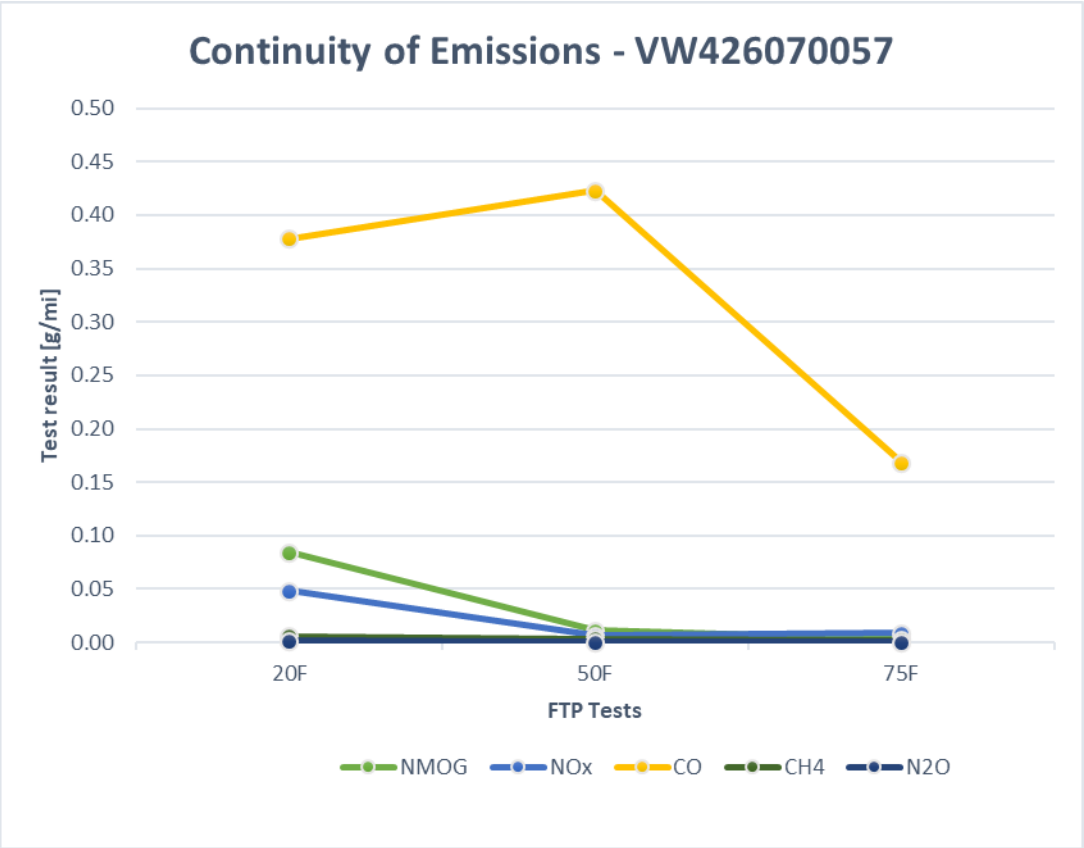
Please refer to Common Section Application

17.4 Assembly line NMOG / NMHC Factor

F_{NMOG}: **Calculated per EPA 40CFR part 1066**

F_{HCHO} (Indolene):
F_{HCHO} (Phase II):
Compliance covered by statement according to regulations (see Section 8)

17.5 Continuity of Emissions



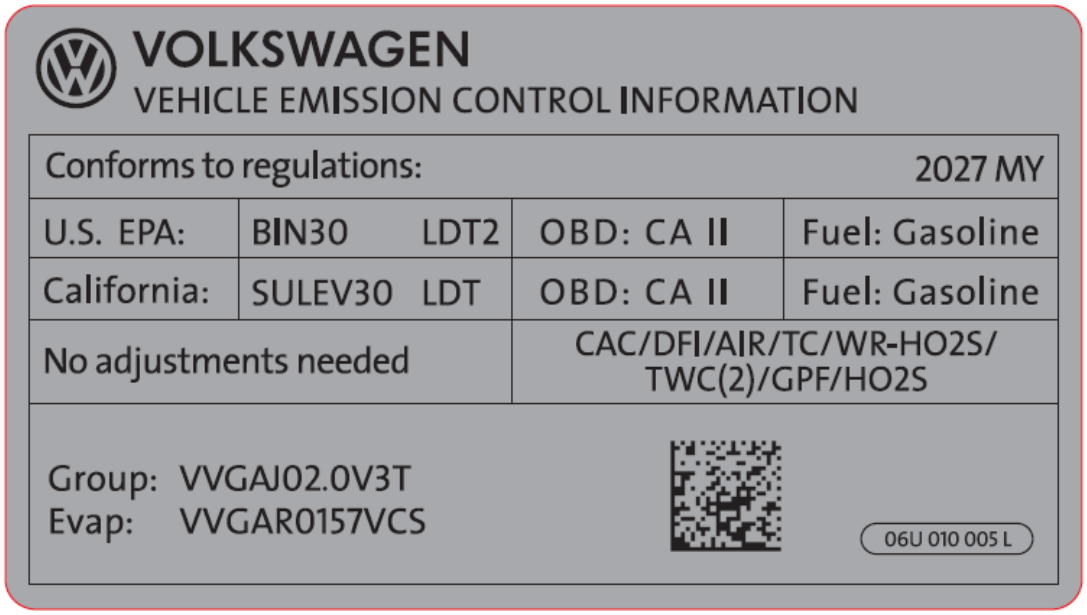
17.6 Applicable Deterioration Factors

	THC (g/mi)	NMHC (g/mi)	NMOG (g/mi)	NOx (g/mi)	CO (g/mi)	HCHO (**mg**/mi)	PM (g/mi)	NMOG+NOx (g/mi)
50k	-	-	-	-	0.10	-	-	-
150k	0.0075*	0.01*	0.0076	0.0000	0.29	-	0.0000	0.0076

*120k

21. Vehicle Emission Control Information Label

- Atlas, Atlas 4Motion, Atlas Cross Sport 4Motion



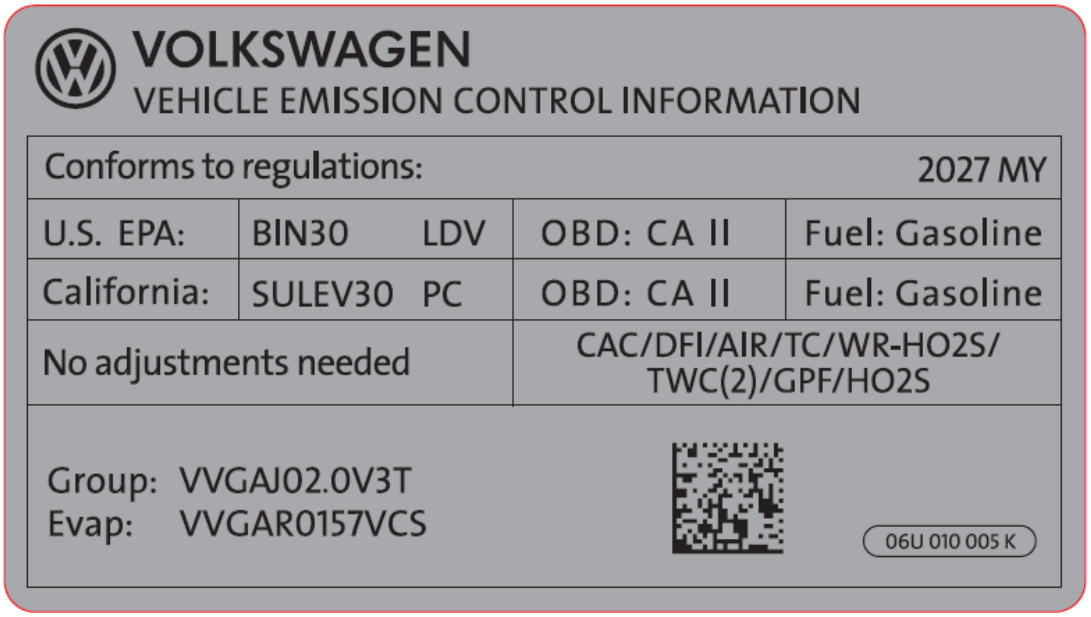
VOLKSWAGEN
VEHICLE EMISSION CONTROL INFORMATION

Conforms to regulations:			2027 MY
U.S. EPA:	BIN30 LDT2	OBD: CA II	Fuel: Gasoline
California:	SULEV30 LDT	OBD: CA II	Fuel: Gasoline
No adjustments needed		CAC/DFI/AIR/TC/WR-HO2S/ TWC(2)/GPF/HO2S	

Group: VVGAJ02.0V3T
Evap: VVGAR0157VCS

06U 010 005 L

- Atlas Cross Sport



VOLKSWAGEN
VEHICLE EMISSION CONTROL INFORMATION

Conforms to regulations:			2027 MY
U.S. EPA:	BIN30 LDV	OBD: CA II	Fuel: Gasoline
California:	SULEV30 PC	OBD: CA II	Fuel: Gasoline
No adjustments needed		CAC/DFI/AIR/TC/WR-HO2S/ TWC(2)/GPF/HO2S	

Group: VVGAJ02.0V3T
Evap: VVGAR0157VCS

06U 010 005 K

21.2 Engine Control Module (ECM) Information

Model	Engine Code	SW-Part number	Cal ID	CVN	Comments
Atlas All	FAZA	06U.906.070.N / 5217	06U070N 5217BXAA	85 3D 64 EF	with StSt, FWD, CERT
		06U.906.070.EC / 5738	06U070EC 5738BXAA	AD 0A 70 55	RC_01_26 SOP
Atlas 4Motion All	FAZA	06U.906.070.Q / 5218	06U070Q 5218BXAB	EE D7 0D F4	with StSt, AWD, CERT
		06U.906.070.EB / 5737	06U070EB 5737BXAB	6D 1F 23 7D	RC_01_26 SOP

21.2.1 Gateway Information (Mode09 Cal-ID + CVN via ECM)

Model	Engine Code	SW-Part number	Cal ID	CVN	Comments
Atlas All	FAZA	5QS.907.530.H / Z102	5QS530H+Z1020143	86 D1 E4 5B	CERT.
		5QS.907.530.H / 2105	5QS530H+21050143	0E D0 A8 3C	SOP

21.3 Transmission Control Module (TCM) Information

Model	Trans Code	SW-Part number	Cal ID	CVN	Comments
Atlas All	AQ451-8F	09H.927.158.Q / 2751	09H158Q+27510000	FB 24 AD 3E	CERT.
		09H.927.158.Q / 2757	09H158Q+27570000	7B 99 26 92	SOP
Atlas 4Motion All	AQ451-8A	09H.927.158.N / 2751	09H158N+27510000	C8 3E B8 0F	CERT.
		09H.927.158.N / 2757	09H158N+27570000	62 BA 66 8D	SOP

21.4 Brake Booster Control Module Information

Model	Trans Code	SW-Part number	Cal ID	CVN	Comments
Atlas, Atlas 4Motion All	AQ451-8A	5WA.909.059.AD/ 0572	5WA059AD057293Qi	34 4B F0 B2	CERT.

21.5 Brake System Control Module Information (As/If Applicable)

Model	Trans Code	SW-Part number	Cal ID	CVN	Comments
Atlas, Atlas 4Motion All	AQ451-8A	3QH.614.517.G / 0421	~3QH517G 0421123	02 78 02 3E	CERT.
		3QH.614.517.G / 0425	3QH517G+042558C0	C1 B4 9F C1	CERT.

21.5.1 Airbag Information (Mode09 Cal-ID + CVN via BSCM)

Model	Trans Code	SW-Part number	Cal ID	CVN	Comments
Atlas, Atlas 4Motion All	AQ451-8A	5QV.959.655.G / 0330	05QV655G+0330300 / 5QV655G+03303000	5F 10 E8 CA / 10 E8 CA 43	CERT.
		5QV.959.655.G / 0331	05QV655G+03313000	C5 CC 19 6B	SOP