

MOBILE SOURCE CERTIFICATION AND COMPLIANCE FEE PAYMENT FORM FOR ON-ROAD APPLICATIONS ONLY

CARB USE ONLY

Invoice Name	MSF250788
Invoice Date	Feb 06, 2026

COMPANY INFORMATION

Company Name	Volkswagen Group of America, Inc.
Address	3800 Hamlin Road
City	Auburn Hills
State	MI
Zip	48326
Country	United States
Contact Name	Seong Hun Kim
Contact Telephone Number	2489314347
Contact Email	sunny.kim@vw.com
CARB Customer Number	CCAM000085

APPLICATION INFORMATION

Payment Row Number	Product Description or File Name	Model Year/Calendar Year	Unique Application Identifier: Test Group, Engine Family, Trailer Family, Vehicle Family, ZEP Family, if applicable (ID listed in payment row must match the unique identifier given to the certification application)	Category Type	Fee Type	Amount
1	Audi_RSQ8,S8	Model Year 2027	VVGAJ04.0NAT	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
2	Audi_A8	Model Year 2027	VVGAV03.0N7M	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00
3	Audi_SQ8	Model Year 2027	VVGAT04.0NAV	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00
4	Audi_Q8	Model Year 2027	VVGAT03.0N7N	Light-duty vehicle test group and medium-duty vehicle test group	Partial Carry-Over	\$ 25,155.00
5	Audi_Q4 eton quattro	Model Year 2027	VVGAV00.0A4A	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
6	Audi_Q4 eton	Model Year 2027	VVGAV00.0A4R	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
7	Audi_etron GT	Model Year 2027	VVGAV00.0NZG	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00

Total Due	\$ 163,505.00
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I, Tony D'Ambrosi
Tony D'Ambrosi (Feb 6, 2026 15:39:10 EST)

(Responsible Party Signature Here)

, attest that any information provided is true, accurate, and complete.

Kim, Seong Hun

From: noreply@salesforce.com on behalf of California Air <mcertfees@arb.ca.gov>
Sent: Friday, February 27, 2026 10:38 AM
To: Kim, Seong Hun
Subject: [From: External] MS Fee Payment Confirmation for Invoice MSF250788
Attachments: MSF250788 - signed.pdf

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Seong Hun Kim

Attached is documentation for your MS Fee payment for Invoice Name MSF250788. Please include a copy of this invoice and email with each application that is listed when submitting your application to the applicable MS Fee program.

1. Payment ID – 25RA0309
2. Date of Payment – 2/26/2026
3. Payment Status - Paid





Audi AG, a member of the Volkswagen Group

Application for Emissions Certification

2027 Model Year

Durability Group: VVGAEVNNNZG

Evap. Family: n.a.

Test Group: VVGAV00.0NZG

Certificate Number: VVGAV00.0NZG-XXX

Durability Group Description: N/A

Test Group Description: BEV, Electric Drive
Li-Ion Battery, 2x electric motors
Nominal Voltage = 727V

Battery Capacity (kWh): 105kWh

Applicable Exhaust Standards: 50 State Federal: Interim Tier 4 Bin 0
California: ZEV

Carlines Covered: S e-tron GT, RS e-tron GT Performance

Vehicles Tested:

VID	Config.	Test Type / #
SNZG-GT-S	0 (21")	MCT / SVGA10086882
	1 (20")	MCT / SVGA10087213 SVGA10087214
SNZG-GT-RS perf.	0 (21")	MCT / SVGA10088341

Issue Date: 4/13/2026
Running Change: 05/27/2026

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

Not Applicable

3. Evaporative / Refueling Family Description

Not Applicable

4. Durability Procedure Description

Not Applicable

5.0 Test Group Description

Evap. Family:	N/A
Test Group Name:	VVGAV00.0NZG
Certificate Number:	VVGAV00.0NZG-XXX
Engine displacements covered:	Electric – 0.0
Arrangement and number of cylinders:	N/A
Vehicle class(es) covered:	PC / LDV
Federal Emissions Standards Class:	Interim Tier 4 Bin 0
California Emissions Standards Class:	ZEV

5.1 Test Group Emission Standards

Not Applicable

6. Test Vehicle Description

Certificate Number: VVGAV00.0NZG-XXX
Models: S e-tron GT
RS e-tron GT Performance
Test Group: VVGAV00.0NZG
Evaporative/Refueling Family: N/A

VID	Config.	Vehicle Type	Tests Performed
SNZG-GT-S	0	FEDV (21")	MCT - D Mode
	1	FEDV (20")	MCT - D Mode (2)
SNZG-GT-RS perf.	0	FEDV (21")	MCT - D Mode

7. Test Results

Please refer to the Certification Summary Information Report.

8. Emission Testing Waiver Statements

Not Applicable

9.0 OBD System Description

Not Applicable

10. Description of Alternate Fueled Vehicles

Not applicable

11. Auxiliary Emission Control Devices (AECD) Descriptions

Not Applicable

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
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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.	2 - Audi	353 - RS e-tron GT Performance	Federal	All Wheel Drive	Automatic	1	No
Volkswagen Group of America, Inc.	2 - Audi	352 - S e-tron GT	Federal	All Wheel Drive	Automatic	1	No
Volkswagen Group of America, Inc.	2 - Audi	353 - RS e-tron GT Performance	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Volkswagen Group of America, Inc.	2 - Audi	352 - S e-tron GT	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No

Engine Description

Hybrid Type	--	Hybrid Description	--
Engine Type	--	Mfr Engine Description	--
Engine Block Arrangement	--	Mfr Engine Block Arrangement Description	--
Camless Valvetrain Indicator	--	Oil Viscosity/Classification	
Number of Cylinders/Rotors	--	Mechanically Variable Compression Ratio Indicator	--

After Treatment Device(s) (ATD)

Mfr After Treatment Device (ATD) Comments	--
Direct Ozone Reduction (DOR) Device	--
Mfr Emission Control Device Comments	--

Official Test Numbers

Test Group Fuel	FTP	US06	SC03	Cold CO	Highway	EPA City Litmus Value	EPA City Litmus Threshold	EPA Highway Litmus Value	EPA Highway Litmus Threshold	CREE Weighting Factor
Electricity	--	--	--	--	--	--	--	--	--	--

SFTP LEV-III Official Test Numbers

Test Group Fuel	FTP	US06	SC03
Electricity	--	--	--

Official Charge Depleting Test Numbers

Test Group Fuel	UDDS	Highway
Electricity	--	--

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
Hybrid Electric Vehicle And Fuel Cell Information			
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if Other	--
Battery Type	Lithium Ion	Number of Battery Packs	33
Total Voltage of Battery Packs	727	Battery Energy Capacity	144
Battery Specific Energy	168	Battery Charger Type	Both
Number of Capacitors	--	Capacitor Rating (In Farads)	--
Mfr Capacitor Comments	--		
Hydraulic System Description	--		
Regenerative Braking Type	Electrical Regen Brake		
Regenerative Braking Source	Both	Driver Controlled Regenerative Braking	Yes
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	3		
Motor/Generator Type 1	3 Phase PSM	Rated Motor/Generator Power	415
Motor/Generator Type 2	3 Phase PSM	Rated Motor/Generator Power	252
Motor/Generator Type 3	3 Phase PSM	Rated Motor/Generator Power	176
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--
Mfr Hybrid Electric/ Electric Vehicle Comments	Front Axle: 176 kW motor (EBGE, e-tron GT/S e-tron GT) or 252 kW motor (EBGD, RS e-tron GT Performance), Rear Axle: 415 kW motor (ECXA). All models use the same rear axle motor.		

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	SNZG-GT-RSperf / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SVGAV00.0NZG	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Audi	Represented Test Vehicle Model	RS e-tron GT Performance						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> </tbody> </table>				Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity
Drive Source and Fuel#	Drive Source	Fuel							
1	Electric Motor	Electricity							
Hybrid Indicator	No	Multiple Fuel Combustion	--						
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes						
Fuel Cell Indicator	No	Rechargeable Energy Storage System, if 'Other'	--						
Rechargeable Energy Storage System	Battery(s)								
Off-board charge Capable Indicator	Yes	Odometer Correction Factor	0.996						
Odometer Correction -- Initial	0								
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor								
Odometer Correction Units	Miles								
Engine Code	EBGD / ECXA	Rated Horsepower	831						
Displacement (liters)	0.01	Air Aspiration Method, if 'Other'							
Air Aspiration Method	Naturally Aspirated	Air Aspiration Device Configuration	--						
Number of Air Aspiration Devices	--	Drive Mode While Testing	All Wheel Drive						
Charge Air Cooler Type	N/A	Aged Emission Components	4,000 (mi)						
Shift Indicator Light Usage	Not equipped	Equivalent Test Weight (pounds)	5500						
Curb Weight (lbs)	5214	N/V Ratio	229.2						
GVWR (lbs)	6305								
Axle Ratio	2.4	# of Transmission Gears	1						
Transmission Type	Automatic	Creeper Gear	No						
Transmission Lockup	No								
Dynamometer Coefficients:									
Target Coefficients			Set Coefficients						
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)						
City/Highway/Evap	44.82	0.3735	0.01667						
			A (lbf)						
			-11.56						
			B (lbf/mph)						
			0.0957						
			C (lbf/mph**2)						
			0.01619						
			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients						
			14						
Emission Control Device Comments									
FRONT:EBGD, REAR:ECXA Rated Horsepower: 737HP / 831HP(Push-to-Pass)									

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	MY25 Audi RS e-tron GT Performance (21" wheels) tested in D-mode. Front Final Axle Ratio: 2.40 -- N/V Ratio: 229.2 Rear Final Axle Ratio: 2.89 -- N/V Ratio: 97.3. Target Coefficient A, and Set Coefficients A, B and C were corrected.		

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
Test #	SVGA10088341	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	11/13/2024	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Determined
Verify Test Lab ID	AUDI AG Neckarsulm		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	7450	Odometer Units	K
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	111.724
Charge Depleting Range (Calculated miles)	404.423	Charge Depleting Range (Actual miles)	404.423
Charge Depleting Range Highway (Calculated miles)	388.773	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	404.423
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--

Charge Depleting Bag/Phase #1

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.4581678
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.2093
Drive Trace Energy Economy Rating	-2.5165
Drive Trace Inertia Work Ratio Rating	-0.048
Integrated DC KW-HRS	1.9147
Manufacturer Fuel Economy	25.6725251

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--																
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.2525778</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>2.0472</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.1476</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>2.5573</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.6176096</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>25.5312337</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2525778	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	2.0472	Drive Trace Energy Economy Rating	-1.1476	Drive Trace Inertia Work Ratio Rating	2.5573	Integrated DC KW-HRS	2.6176096	Manufacturer Fuel Economy	25.5312337
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.2525778																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	2.0472																		
Drive Trace Energy Economy Rating	-1.1476																		
Drive Trace Inertia Work Ratio Rating	2.5573																		
Integrated DC KW-HRS	2.6176096																		
Manufacturer Fuel Economy	25.5312337																		
Charge Depleting Bag/Phase #3																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.4505953</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.2842</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-2.5779</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.1247</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.8443098</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>24.7538583</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4505953	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.2842	Drive Trace Energy Economy Rating	-2.5779	Drive Trace Inertia Work Ratio Rating	-0.1247	Integrated DC KW-HRS	1.8443098	Manufacturer Fuel Economy	24.7538583
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Drive Trace Inertia Work Ratio Rating	-0.1247																		
Integrated DC KW-HRS	1.8443098																		
Manufacturer Fuel Economy	24.7538583																		
Charge Depleting Bag/Phase #4																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>268.7502747</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>3.9788</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.1445</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>8.0155</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>82.00407</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>30.5131111</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	268.7502747	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	3.9788	Drive Trace Energy Economy Rating	-0.1445	Drive Trace Inertia Work Ratio Rating	8.0155	Integrated DC KW-HRS	82.00407	Manufacturer Fuel Economy	30.5131111
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Drive Trace Inertia Work Ratio Rating	8.0155																		
Integrated DC KW-HRS	82.00407																		
Manufacturer Fuel Economy	30.5131111																		
Charge Depleting Bag/Phase #5																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.491365</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-2.3504</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-4.0016</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-3.2951</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.7612747</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>23.5107314</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.491365	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-2.3504	Drive Trace Energy Economy Rating	-4.0016	Drive Trace Inertia Work Ratio Rating	-3.2951	Integrated DC KW-HRS	1.7612747	Manufacturer Fuel Economy	23.5107314
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Drive Trace Energy Economy Rating	-4.0016																		
Drive Trace Inertia Work Ratio Rating	-3.2951																		
Integrated DC KW-HRS	1.7612747																		
Manufacturer Fuel Economy	23.5107314																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.2730856
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-2.8143
Drive Trace Energy Economy Rating	-1.4367
Drive Trace Inertia Work Ratio Rating	-3.347
Integrated DC KW-HRS	2.5615251
Manufacturer Fuel Economy	24.9343303

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.4727626
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.1666
Drive Trace Energy Economy Rating	-3.2421
Drive Trace Inertia Work Ratio Rating	-1.3451
Integrated DC KW-HRS	1.8248364
Manufacturer Fuel Economy	24.4198364

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	11.5031042
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.274
Drive Trace Energy Economy Rating	-0.9295
Drive Trace Inertia Work Ratio Rating	2.6112
Integrated DC KW-HRS	3.5698267
Manufacturer Fuel Economy	31.0335944

Manufacturer Test Comments

MY25 Audi RS e-tron GT Performance 21" tire tested in D-mode. This MCT was retested with corrections to RL F0.

Certification Summary Information Report

Test Group		VVGAV00.0NZG				Evaporative/Refueling Family				--		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	SNZG-GT-S / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SVGAV00.0NZG	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Audi	Represented Test Vehicle Model	S e-tron GT						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Drive Source and Fuel#</th> <th style="width: 33%;">Drive Source</th> <th style="width: 33%;">Fuel</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">Electric Motor</td> <td style="text-align: center;">Electricity</td> </tr> </tbody> </table>				Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity
Drive Source and Fuel#	Drive Source	Fuel							
1	Electric Motor	Electricity							
Hybrid Indicator	No	Multiple Fuel Combustion	--						
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes						
Fuel Cell Indicator	No	Rechargeable Energy Storage System, if 'Other'	--						
Rechargeable Energy Storage System	Battery(s)								
Off-board charge Capable Indicator	Yes	Odometer Correction Factor	0.9927						
Odometer Correction -- Initial	0								
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor								
Odometer Correction Units	Miles								
Engine Code	EBGE / ECXA	Rated Horsepower	583						
Displacement (liters)	0.01	Air Aspiration Method, if 'Other'							
Air Aspiration Method	Naturally Aspirated	Air Aspiration Device Configuration	--						
Number of Air Aspiration Devices	--	Drive Mode While Testing	All Wheel Drive						
Charge Air Cooler Type	N/A	Aged Emission Components	4,000 (mi)						
Shift Indicator Light Usage	Not equipped	Equivalent Test Weight (pounds)	5500						
Curb Weight (lbs)	5236	N/V Ratio	229.2						
GVWR (lbs)	6261								
Axle Ratio	2.4	# of Transmission Gears	1						
Transmission Type	Automatic	Creeper Gear	No						
Transmission Lockup	No								
Dynamometer Coefficients:									
Target Coefficients			Set Coefficients						
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)						
City/Highway/Evap	40.95	0.3905	0.01542						
			A (lbf)						
			-10.69						
			B (lbf/mph)						
			0.2907						
			C (lbf/mph**2)						
			0.01388						
			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients						
			13.2						
Emission Control Device Comments									
FRONT:EBGE, REAR:ECXA									

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	MY25 Audi S e-tron GT (21" wheels) tested in D-mode. Front Final Axle Ratio: 2.40 -- N/V Ratio: 229.2 Rear Final Axle Ratio: 2.89 -- N/V Ratio: 97.3.		

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
Test #	SVGA10086882	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	05/24/2024	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Determined
Verify Test Lab ID	AUDI AG Neckarsulm		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	6847	Odometer Units	K
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	No		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	113.033
Charge Depleting Range (Calculated miles)	427.944	Charge Depleting Range (Actual miles)	427.944
Charge Depleting Range Highway (Calculated miles)	409.57	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	427.944
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--

Charge Depleting Bag/Phase #1

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.4570761
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.5202
Drive Trace Energy Economy Rating	-2.2573
Drive Trace Inertia Work Ratio Rating	-2.075
Integrated DC KW-HRS	1.87805
Manufacturer Fuel Economy	25.184804

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--																
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Drive Trace Energy Economy Rating	-3.426																		
Drive Trace Inertia Work Ratio Rating	-1.6077																		
Integrated DC KW-HRS	1.6553838																		
Manufacturer Fuel Economy	22.1747981																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.2501411
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.3015
Drive Trace Energy Economy Rating	-1.9875
Drive Trace Inertia Work Ratio Rating	-1.4679
Integrated DC KW-HRS	2.4043247
Manufacturer Fuel Economy	23.4565034

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.4558098
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.4626
Drive Trace Energy Economy Rating	-3.9307
Drive Trace Inertia Work Ratio Rating	-1.9546
Integrated DC KW-HRS	1.7105283
Manufacturer Fuel Economy	22.9422202

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	26.61023
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.4781
Drive Trace Energy Economy Rating	-0.5514
Drive Trace Inertia Work Ratio Rating	3.0182
Integrated DC KW-HRS	7.642839
Manufacturer Fuel Economy	28.7214316

Manufacturer Test Comments

MY25 Audi S e-tron GT 21" tire tested in D-mode.

Certification Summary Information Report

Test Group		VVGAV00.0NZG				Evaporative/Refueling Family				--		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
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Emission Data Vehicle Information

Vehicle ID / Configuration	SNZG-GT-S / 1	Manufacturer Vehicle Configuration Number	1
Original Test Group Name	SVGAV00.0NZG	Original Evaporative/Refueling Family	--
Original Test Vehicle Model Year	2025		
Vehicle Model			
Represented Test Vehicle Make	Audi	Represented Test Vehicle Model	S e-tron GT

Leak Family Details

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

Drive Source and Fuel#	Drive Source	Fuel
1	Electric Motor	Electricity

Hybrid Indicator	No	Multiple Fuel Combustion	--
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes
Fuel Cell Indicator	No	Rechargeable Energy Storage System, if 'Other'	--
Rechargeable Energy Storage System	Battery(s)		
Off-board charge Capable Indicator	Yes	Odometer Correction Factor	0.9927
Odometer Correction -- Initial	0	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor	
Odometer Correction Sign	Miles		
Odometer Correction Units	Miles	Rated Horsepower	583
Engine Code	EBGE / ECXA	Air Aspiration Method, if 'Other'	
Displacement (liters)	0.01	Air Aspiration Device Configuration	--
Air Aspiration Method	Naturally Aspirated	Drive Mode While Testing	All Wheel Drive
Number of Air Aspiration Devices	--	Aged Emission Components	4,000 (mi)
Charge Air Cooler Type	N/A	Equivalent Test Weight (pounds)	5500
Shift Indicator Light Usage	Not equipped	N/V Ratio	226.1
Curb Weight (lbs)	5236	# of Transmission Gears	1
GVWR (lbs)	6261	Creeper Gear	No
Axle Ratio	2.4		
Transmission Type	Automatic		
Transmission Lockup	No		

Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	40.67	0.3905	0.01535	-4.96	0.196	0.01443	13.1

Emission Control Device Comments FRONT:EBGE, REAR:ECXA

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	MY25 Audi S e-tron GT (20" wheels) tested in D-mode. Front Final Axle Ratio: 2.40 -- N/V Ratio: 226.1 Rear Final Axle Ratio: 2.89 -- N/V Ratio: 94.7.		

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
Test #	SVGA10087213	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/02/2024	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Determined
Verify Test Lab ID	AUDI AG Neckarsulm		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	8752	Odometer Units	K
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	No		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	112.836
Charge Depleting Range (Calculated miles)	434.93	Charge Depleting Range (Actual miles)	434.93
Charge Depleting Range Highway (Calculated miles)	417.754	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	434.93
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--

Charge Depleting Bag/Phase #1

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.458319
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-2.7079
Drive Trace Energy Economy Rating	-3.5799
Drive Trace Inertia Work Ratio Rating	-3.9366
Integrated DC KW-HRS	1.83656
Manufacturer Fuel Economy	24.6248518

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--																
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Charge Depleting Bag/Phase #3																			
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Integrated DC KW-HRS	1.64652																		
Manufacturer Fuel Economy	22.0227888																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.2718906
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-2.2607
Drive Trace Energy Economy Rating	-1.739
Drive Trace Inertia Work Ratio Rating	-2.3773
Integrated DC KW-HRS	2.38189
Manufacturer Fuel Economy	23.1885258

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.444015
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.0601
Drive Trace Energy Economy Rating	-2.2776
Drive Trace Inertia Work Ratio Rating	-1.6578
Integrated DC KW-HRS	1.68744
Manufacturer Fuel Economy	22.6678748

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	33.3688927
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.2451
Drive Trace Energy Economy Rating	-0.5819
Drive Trace Inertia Work Ratio Rating	2.5854
Integrated DC KW-HRS	9.49085
Manufacturer Fuel Economy	28.4423582

Manufacturer Test Comments

MY25 Audi S e-tron GT 20" tire tested in D-mode_1st.

Certification Summary Information Report

Test Group		VVGAV00.0NZG				Evaporative/Refueling Family				--		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
Test #	SVGA10087214	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/12/2024	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Determined
Verify Test Lab ID	AUDI AG Neckarsulm		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	9386	Odometer Units	K
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	No		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	112.998
Charge Depleting Range (Calculated miles)	436.352	Charge Depleting Range (Actual miles)	436.352
Charge Depleting Range Highway (Calculated miles)	421.979	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	436.352
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--

Charge Depleting Bag/Phase #1

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.442236
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.5051
Drive Trace Energy Economy Rating	-2.6638
Drive Trace Inertia Work Ratio Rating	-2.1337
Integrated DC KW-HRS	1.82544
Manufacturer Fuel Economy	24.5275748

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--																
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.2501345</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.2596</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.7272</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.1137</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.45215</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>23.9235885</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2501345	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.2596	Drive Trace Energy Economy Rating	-1.7272	Drive Trace Inertia Work Ratio Rating	0.1137	Integrated DC KW-HRS	2.45215	Manufacturer Fuel Economy	23.9235885
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.2501345																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.2596																		
Drive Trace Energy Economy Rating	-1.7272																		
Drive Trace Inertia Work Ratio Rating	0.1137																		
Integrated DC KW-HRS	2.45215																		
Manufacturer Fuel Economy	23.9235885																		
Charge Depleting Bag/Phase #3																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.434222</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-1.3475</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-2.5974</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-1.8369</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.75393</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>23.5922468</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.434222	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-1.3475	Drive Trace Energy Economy Rating	-2.5974	Drive Trace Inertia Work Ratio Rating	-1.8369	Integrated DC KW-HRS	1.75393	Manufacturer Fuel Economy	23.5922468
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Actual Distance Driven (miles)	7.434222																		
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Drive Trace Energy Economy Rating	-2.5974																		
Drive Trace Inertia Work Ratio Rating	-1.8369																		
Integrated DC KW-HRS	1.75393																		
Manufacturer Fuel Economy	23.5922468																		
Charge Depleting Bag/Phase #4																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>274.1042</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>3.2992</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.1808</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>6.6435</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>77.77413</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>28.3739177</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	274.1042	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	3.2992	Drive Trace Energy Economy Rating	-0.1808	Drive Trace Inertia Work Ratio Rating	6.6435	Integrated DC KW-HRS	77.77413	Manufacturer Fuel Economy	28.3739177
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	274.1042																		
Carbon-Related Exhaust Emissions	0																		
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Integrated DC KW-HRS	77.77413																		
Manufacturer Fuel Economy	28.3739177																		
Charge Depleting Bag/Phase #5																			
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Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.5828981																		
Carbon-Related Exhaust Emissions	0																		
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Drive Trace Energy Economy Rating	-8.8321																		
Drive Trace Inertia Work Ratio Rating	-6.2662																		
Integrated DC KW-HRS	1.66837																		
Manufacturer Fuel Economy	22.0021419																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.28617
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-11.9948
Drive Trace Energy Economy Rating	-3.7875
Drive Trace Inertia Work Ratio Rating	-14.2375
Integrated DC KW-HRS	2.38213
Manufacturer Fuel Economy	23.1582795

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.5886247
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-5.368
Drive Trace Energy Economy Rating	-8.5598
Drive Trace Inertia Work Ratio Rating	-6.9688
Integrated DC KW-HRS	1.71543
Manufacturer Fuel Economy	22.6048865

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	35.0299149
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.3294
Drive Trace Energy Economy Rating	-1.8535
Drive Trace Inertia Work Ratio Rating	-0.5961
Integrated DC KW-HRS	9.76777
Manufacturer Fuel Economy	27.8841671

Manufacturer Test Comments

MY25 Audi S e-tron GT 20" tire tested in D-mode_2nd.

Certification Summary Information Report

Test Group		VVGAV00.0NZG				Evaporative/Refueling Family					--	
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 4 Bin 0	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--

Fuel Properties

Certification Summary Information Report

Test Group	VVGAV00.0NZG	Evaporative/Refueling Family	--
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		VVGAV00.0NZG	Evaporative/Refueling Family		--
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	VVGAV00.0NZG	Evaporative/Refueling Family	--
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	VVGAV00.0NZG	Evaporative/Refueling Family		--
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	

12.0 List of Certified Vehicles

Durability Group	VVGAEVNNNZG
Test Group	VVGAV00.0NZG
Evap Family	N/A
Emission Control System:	N/A

Engine Displacement:	0.0 liter
Valves per Cylinder:	N/A
Sales Area:	50 states
MMS:	N/A
SIL:	N/A

Engine Code	Model	Vehicle Class	Engine Code Characteristics			HP @RPM	Torque @RPM [lb-ft]	Trans. / OD	ETW	Curb Weight [lbs]	Tire size (FT-RR)	N/V Ratio (FT-RR)
EBGE/ ECXA	S e-tron GT	LDV	-	-	-	Please see Section 12.3	EQ450-1K EQ551-2P	5500	5236	Please see Section 12.1		
EBGD/ ECXA	RS e-tron GT Performance	LDV	-	-	-	Please see Section 12.3	EQ450-1K EQ551-2P	5500	5214	Please see Section 12.1		

*1Nm = 0.737561 lbxft

12.1 Transmissions

Trans. Code	Transmission Code Characteristic					Tire size (FT-RR)	N/V Ratio (FT-RR)
	Drive-train	Gear Count	Gearbox Ratios				
			Axle	Gear 1	Gear 2		
Front: EQ450-1K	AWD	1	-	8.053	-	245/45 R20 – 285/40 R20	94.4 – 94.7
Rear: EQ551-2P	AWD	2	-	15.5637	8.1596	265/35 R21 – 305/30 R21	95.6 – 97.3

12.2 Test conditions

Model	ETW	Road Track Coefficients						TRL50	TCDT	Fan Pos.	Drive Mode for Testing	Shift Sched. I.D.	MCT CSC _M length@ 65mph*
		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]				[min]
S e-tron GT 21 in. Tire	5500	40.95	0.3905	0.01542	182.14	1.0794	0.02648	13.2	26.1	20	Drive	automatic	245
S e-tron GT 20 in. Tire	5500	40.67	0.3905	0.01535	180.91	1.0794	0.02637	13.1	26.2	20	Drive	automatic	245
RS e-tron GT Performance 21 in. Tire	5500	44.82	0.3735	0.01667	199.37	1.0323	0.02863	14.0	24.6	20	Drive	automatic	240

* /105km/h - without acceleration/deceleration for driver changes

BEV Range and Energy Consumption Testing procedure:

Vehicles in this test group were tested using the MCT method according to SAE J1634 JUL2017 and EPA CD-2021-12 – Revised (LDV, LDT). Constant speed used for MCT: 65mph / 105km/h

Vehicle Starting procedure:

Turning on the ignition by sitting on the driver-seat or by pressing the “Stop/Start” button.

The vehicle will show “READY” in the instrument cluster.

By pressing the brake pedal and shifting the gear lever into either R or D/ the charging indicator will turn green.

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. DRLs can be turned off via the infotainment / MMI screen.

Please contact VWGoA Engineering and Environmental Office if you need assistance with disabling the daytime running lights.

12.3 e-Motor Details

Model Name	Audi S e-tron GT,
Engine Identification Number	Front: EBGE Rear: ECXA
Engine Management System	Hitachi Automotive Systems
Nominal Voltage	655V
Front Axle	EBGE
Transmission Arrangement (Parallel / Transaxial / Other)	Parallel
Motor Maximum Speed	~16000 rpm
Direct Current (DC) / Alternating Current (AC) number of phases	AC / 3 phases – Permanently excited Synchronous Machine (PSM)
Maximum Net Power acc. to SAEJ2907	176 kW @ 5600-8400rpm
Maximum Net Torque acc. to SAEJ2907	305 Nm @ 50-5600rpm
Horsepower acc. to SAEJ2907	235.9 HP
Rear Axle	ECXA
Transmission Arrangement (Parallel / Transaxial / Other)	parallel
Motor Maximum Speed	~16000 rpm
Direct Current (DC) / Alternating Current (AC) number of phases	AC / 3 phases – Permanently excited Synchronous Machine (PSM)
Maximum Net Power acc. to SAEJ2907	415 kW @ 15400rpm
Maximum Net Torque acc. to SAEJ2907	590 Nm @ 50-6200rpm
Horsepower acc. to SAEJ2907	556.3 HP
Combined	
Maximum Power acc. to SAEJ2908	435 kW
Horsepower acc. to SAEJ2908	583 HP

1 HP → 0,746 kW

1 lb-ft → 1,356 Nm

Model Name	Audi RS e-tron GT Performance
Engine Identification Number	Front: EBGD Rear: ECXA
Engine Management System	Hitachi Automotive Systems
Nominal Voltage	655V
Front Axle	EBGD
Transmission Arrangement (Parallel / Transaxial / Other)	Parallel
Motor Maximum Speed	~19000 rpm
Direct Current (DC) / Alternating Current (AC) number of phases	AC / 3 phases – Permanently excited Synchronous Machine (PSM)
Maximum Net Power acc. to SAEJ2907	252 kW @ 6000 rpm
Maximum Net Torque acc. to SAEJ2907	409 Nm @ 50-6000 rpm
Horsepower acc. to SAEJ2907	338 HP
Rear Axle	ECXA
Transmission Arrangement (Parallel / Transaxial / Other)	parallel
Motor Maximum Speed	~16000 rpm
Direct Current (DC) / Alternating Current (AC) number of phases	AC / 3 phases – Permanently excited Synchronous Machine (PSM)
Maximum Net Power acc. to SAEJ2907	415 kW @ 15400 rpm
Maximum Net Torque acc. to SAEJ2907	590 Nm @ 50-6200 rpm
Horsepower acc. to SAEJ2907	556 HP @ 15400 rpm
Combined	
Maximum Power acc. to SAEJ2908	550 kW
Horsepower acc. to SAEJ2908	737 HP
Maximum Power acc. to SAEJ2908 (Push-to-Pass)	620 kW
Horsepower acc. to SAEJ2908 (Push-to-Pass)	831 HP

1 HP → 0,746 kW

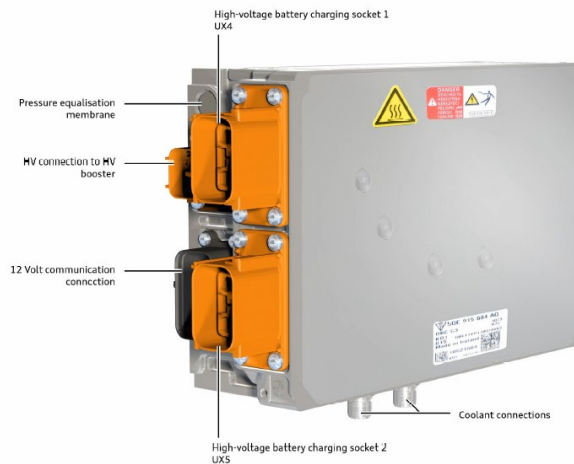
1 lb-ft → 1,356 Nm

12.4 Battery details

Battery Type	Lithium Ion Battery
Number of Battery Modules	33
Number of Battery Cells	396
Battery Cell Manufacturer	LG Energy Solution
Battery Cell Design	Pouch
Battery Cathode Material	NMC
Battery Anode Material	Graphite + SiO
Electrolyte Type	Separator Electrolyte
Total Weight of Battery System	625 kg
Nominal voltage	727 Volt
Battery Working Voltage	450-850 Volts
Total System Capacity (Ah)	Gross: 144 Ah Net: 136 Ah
Battery Energy	Gross: 105 kWh Net: 98.6kWh
Energy Density (Whr/Kg)	168 Wh/kg
Battery Thermal Management	liquid

12.5 Charging details

Charging unit



Options and position:


The charging unit converts the AC current from the charging connection to DC current. The charging units are fitted in the front of the electric drive motor on the front axle. The Standard charger has 11kW charging Power.

Charging Power AC

Input (Grid) 10-240V +/- 10%
 0-50A
 1 Phase with Neutral

Output 520 V - 920 V

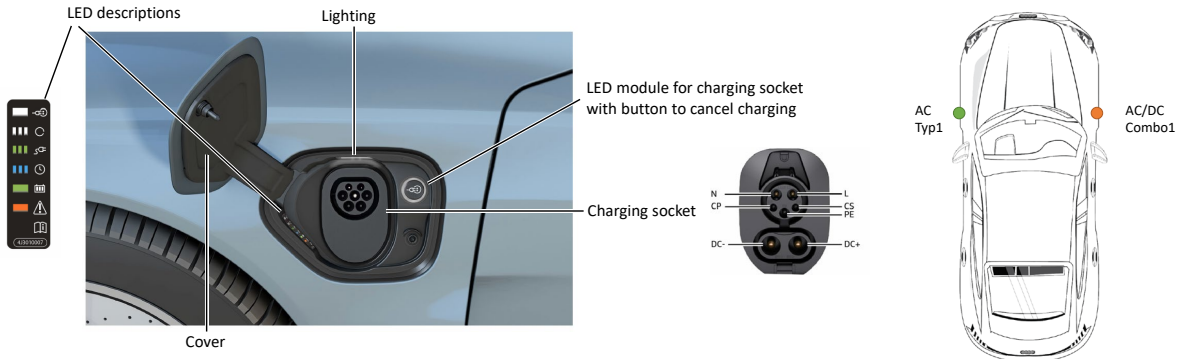
Charging Connector

Charging Connector	Type	Voltage	Charging-Power	
			11 kW Onboard-Charger (Standard) max. Current	max. Power
 CCS Combo 1 (Combined Charging System Type 1 / SAE J1772 Combo Connector)	AC	120V (1 Phase)	48 A	5,76kW
		240V (1 Phase)	48 A	11,52kW
	DC	-	-	320kW*

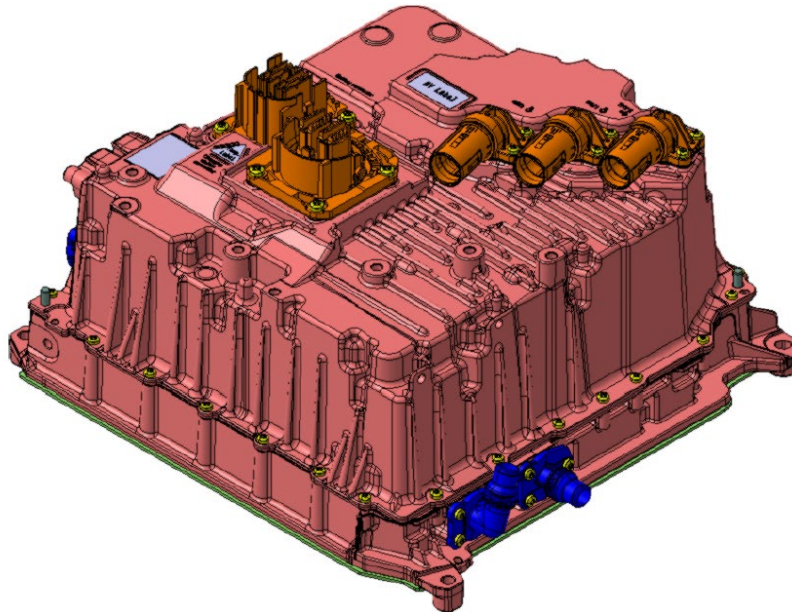
* additional auxiliary HV-consumers during charging not included

Description and position:

The High voltage battery charging socket AC SAE J1772 is fitted on the driver side, laterally over the front wheel housing. On the passenger side is a Combined AC / DC CCS Type 1 charging socket on the same position installed.



Combined Booster and DC/DC Converter



Function and position:

The booster converts the 400V DC current from a non 400V charging station to 800V DC current for the vehicle Battery. The booster is fitted on top of the electric drive motor on the front axle. The booster has 150 kW charging Power.

In case of an 800V charging station, the Booster is bypassed and the charging power can rise up to 320kW (depending on the capability of the charging station)

Charging Power DC Boost Mode

Input (Grid) 250-435V +/- 10% (DC)
 0-350A

Output 500 V - 870 V

Charging Cord

Manufacturer	Ampure
Length	5.8m (Cordset) + 0.3m (Plug) = 6.1m = 20.0131ft
Dual Amperage capability	Yes, multiple
Level 1 (120V) max. Current	12A and 8A
Level 2 (240V) max. Current	40A, 24A and 16A
Level 1 and Level 2 configurability	Yes, Charger-kit comes with 2 plugs (NEMA 5-15 and NEMA 14-40)
Description of user-selectable amperage downgrade capabilities	Integrated into Cord via single Button
(UL) 2594 tested by	UL Solutions LLC
Certificate Number	UL-US-2561552-0



Proof / Certificate that it is tested and listed by a NRTL as meeting requirements for electric vehicle supply equipment contained in Underwriter Laboratory (UL) 2594, "Standard for Electric Vehicle Supply Equipment", December 2016



Thank you for giving UL the opportunity to partner with you.

Please note, Follow-Up Procedure Revisions or Report Revisions do not include Authorization Pages, Indices, Section General, and/or Appendices unless revisions were required or requested.

Should you have any questions, after reviewing the material, or need to report any inaccuracies, please reach out to your UL representative or find UL contact details for your local Customer Service Department at <https://www.ul.com/about/locations>.

Please find attached the related material on Project

For your convenience, the below describes the related updates:

E336193-20250412-CertificateofCompliance
--

This material is provided on behalf of UL LLC (UL) or any authorized licensee of UL.

Times change, Trust Remains™

Certificate of Compliance

Certificate Number:

UL-US-2561552-0

Report Reference:

E336193-20250412

Issue Date:

2025-04-15

Issued to:

**Webasto Charging Systems Inc. dba Ampure
1333 S Mayflower Ave, Suite 100, Monrovia, CA, 91016, US**

This certificate confirms that representative samples of:

FFWA - Electric Vehicle Supply Equipment

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

UL 2594, 3rd Ed., Issue Date: 2022-12-15

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



A handwritten signature in black ink that reads 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2561552-0
Report reference E336193-20250412
Date 2025-04-15

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Electrical Vehicle Supply Equipment

Model(s): Ampure Go Gen2 CARB



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

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

14.0 Request for Certificate

14.1 Statement of Compliance

The Volkswagen Group states that any element of design, system, or emission control device installed on, or incorporated in the Volkswagen Group's new motor vehicles or new motor vehicle engines for the purpose of complying with standards prescribed under section 202 of the Clean Air Act, will not, to the best of the Volkswagen Group's information and belief, cause the emission into the ambient air of pollutants in the operation of its motor vehicles or motor vehicle engines which cause or contribute to an unreasonable risk to public health or welfare except as specifically permitted by the standards prescribed under section 202 of the Clean Air Act. The Volkswagen Group further states that any element of design, system, or emission control device installed or incorporated in the Volkswagen Group's new motor vehicles or new motor vehicle engines, for the purpose of complying with standards prescribed under section 202 of the Clean Air Act, will not, to the best of the Volkswagen Group's information and belief, cause or contribute to an unreasonable risk to public safety.

The term pollutant means:

- a. Diesel particulates
- b. Nickel
- c. MMT combustion products
- d. Ammonia
- e. Sulfates
- f. Hydrogen sulfide
- g. Hydrogen cyanide
- h. Ruthenium combustion products
- i. Nitrosamines

or any other pollutant which VW/AUDI has identified which can reasonably be expected to be emitted from these vehicles.

All vehicles have been tested in accordance with good engineering practice to ascertain that such test vehicles meet the requirement of this section for the useful life of the vehicle.

The test vehicles with respect to which data are submitted are in all material respects as described in the application for certification have been tested in accordance with the applicable test procedures utilizing the fuels and equipment described in the application for certification they meet the requirement of such tests and on the basis of such tests, they

15.3 ORVR Safety Application for Carry-Over ORVR Systems

Not Applicable

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

May 27, 2026 Date

Subject: MY 2027 Volkswagen Group Light Duty Vehicle Initial Application for Emissions
Certification for Test Group VVGAV00.0NZG with Evaporative Family
N/A.

Dear Mr. Kimball,

We submit, with this letter, the model year 20XX Part 1 Application for Emissions
Certification for the following Test Group:

<u>Test Group</u>	<u>Standards</u>	<u>Sales Area</u>
VVGAV00.0NZG	Interim Tier 4 Bin 0 ZEV	Federal 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
5406C07D40F4331C
Date: 2026.05.27 14:19:06 -04'00'

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

Enclosure(s)

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

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

May 27, 2026 Date

Subject: Running Change for MY 2027 Volkswagen Group Test Group VVGAV00.0NZG

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

Dear Mr. Kimball,

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

Test Group:	VVGAV00.0NZG
Evaporative Family:	N/A
Models:	S e-tron GT, RS e-tron GT Performance
Transmission:	EQ450-1K, EQ551-2P
Running Change Number:	RC_VV00.0NZG_01_26

Summary of enclosed pages:

This running change is to revise the previously issued MY2027 EPA Certificate of Conformity (VVGAV00.0NZG-009) to re-certify this test group to Interim Tier 4 standards.

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: 2026.05.27 13:04:19 -04'00'

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

Enclosure(s)

VOLKSWAGEN

GROUP OF AMERICA

Running Change **MY 2027**

Report Number: RC_VV00.0NZG_01_26
Test Group: VVGAV00.0NZG
Evap. Families: N/A
Models Affected: S e-tron GT, RS e-tron GT Performance
Transmissions: EQ450-1K, EQ551-2P

This running change is to revise the previously issued MY2027 EPA Certificate of Conformity (VVGAV00.0NZG-009) to re-certify this test group to Interim Tier 4 standards.

US EPA Fee Form

[Help and EPA Instructions](#)

* Required Field

General Information

Date: 02/23/2026

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 *

VVGAV00.0NZG

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 VVGAV00.0N ZG
Pay.gov Tracking ID: 27VRSFJ6
Agency Tracking ID: 77305117871

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).

Robin 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
May 27, 2026 Date

Subject: MY 2027 Volkswagen Group Light Duty Vehicle Initial Application for Emissions
Certification for Test Group VVGAV00.0NZG with Evaporative Family
N/A.

Dear Ms. Lang,

We submit, with this letter, the model year 2026 Part 1 Application for Emissions
Certification for the following Test Group:

<u>Test Group</u>	<u>Standards</u>	<u>Sales Area</u>
VVGAV00.0NZG	Interim Tier 4 Bin 0 ZEV	Federal 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
5406C07D40F4331C

Digitally signed by D'Ambrosi
Anthony VWPKI
5406C07D40F4331C
Date: 2026.05.27 14:18:22 -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.

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.

Service Information Compliance Statement

In accordance with Title 13 CCR 1969, the Volkswagen Group hereby states compliance with the service information option of (I)(1)(C)

17.2 Fill Pipe Specifications

Not applicable

17.3 Evaporative Emission Deterioration Program

Not applicable

17.4 Assembly line NMOG / NMHC Factor

Not applicable

17.5 Continuity of Emissions

Not applicable

17.6 Applicable Deterioration Factors

Not applicable

17.7 Method of Determining Battery State-Of-Charge

SOC can be viewed via the instrumental-cluster, the MMI -> Vehicle -> Charging or via OBD internal signals

17.8 Battery Charging Capacity

Please refer to Section 12.4 Battery details

17.9 Recharging Procedures

Please refer to Section 12.5 Charging details

17.10 Climate Control System Description

Please refer to Section 16.7

17.11 Battery Specific Energy data and Calculations (C/3 energy capacity)

Please refer to the separately provided C/3 report.

The specific energy of batteries used to power a ZEV was determined in accordance with the U.S. Advanced Battery Consortium's Electric Vehicle Battery Procedure Manual (January 1996), Procedure No. 2, "Constant Current Discharge Test Series," using the C/3 rate. The weight calculation (section 12.4) reflects a completely functional battery system as defined in the Appendix of the Manual, including pack(s), required support ancillaries (e.g., thermal management), and electronic controller.

17.12 Proper and Safe Operation of the Vehicle

Please refer to Section 16.4

VWGoA has implemented a nationwide recycling program for the transportation and recycling of lithium ion (li-ion) batteries used to power full battery electric vehicles (BEVs) and plug-in hybrid electric vehicles (PHEVs). The program is available to affiliate dealers.

Additionally, as part of the Alternative Fuel Vehicles Safety Training Program, VW Group vehicles have an extensive list of precautionary / safety related measures that can be found at the links below:

Volkswagen:

<https://www.nfpa.org/education-and-research/emergency-response/emergency-response-guides/volkswagen>


Audi:

<https://www.nfpa.org/education-and-research/emergency-response/emergency-response-guides/audi>

17.13 Vehicle and Battery Break-in

Volkswagen Group BEV's are operated either on-track or on a mileage accumulation dynamometer for 2,000 miles using the Standard Road Cycle (SRC)

21.0 Vehicle Emission Control Information Label

AUDI AG			
VEHICLE EMISSION CONTROL INFORMATION			
CONFORMS TO REGULATIONS: 2027 MY			
U.S. EPA: BIN0	LDV OBD: N.A. FUEL: ELECTRIC		
CALIFORNIA: ZEV	PC OBD: N.A. FUEL: ELECTRIC		
NO ADJUSTMENTS NEEDED.			
N.A.			
GROUP: VVGAV00.0NZG	<table border="1"><tr><td>22x22</td></tr><tr><td>Dots</td></tr></table>	22x22	Dots
22x22			
Dots			
EVAP: N.A.	<table border="1"><tr><td>4J3 010 504 G</td></tr></table>	4J3 010 504 G	
4J3 010 504 G			

21.2 Powertrain Control Module (PCM) Information

Model	Engine Code	Software ID	Master	Comment
S e-tron GT	EBGE/ ECXA	4J3.907.558.K	0001	
RS e-tron GT Performance	EBGD/ ECXA	4J3.907.558.M	0001	

21.3 Gateway Information

Model	Engine Code	Software ID	Master Version	Comment
S e-tron GT RS e-tron GT Performance	EBGE/ ECXA	4KE.907.468.AA	0062	
		4KL.907.468.AA		
	EBGD/ ECXA	4KR.907.468.AA		

The Gateway-SW-ID is depending on the ordered vehicle equipment (e.g. ACC, Matrix LED etc.).

21.4 Brake System Control Module (BSCM) Information

Model	Engine Code	Software ID	Master	Comment
S e-tron GT	EBGE/ ECXA	9J1.614.109.M	0202	
RS e-tron GT Performance	EBGD/ ECXA			

21.5 Electronic Brake Boost Control (EBBC) Information

Model	Engine Code	Software ID	Master	Comment
S e-tron GT	EBGE/ ECXA	9J1.907.107.F	0050	
RS e-tron GT Performance	EBGD/ ECXA			

21.6 Battery Energy Control Module (BECM) Information

Model	Engine Code	Software ID	Master	Comment
S e-tron GT	EBGE/ ECXA	9J1.915.185.J	0306	
RS e-tron GT Performance	EBGD/ ECXA			

21.7 On Board Charger Control Module (OBC) Information

Model	Engine Code	Software ID	Master	Comment
S e-tron GT	EBGE/ ECXA	9J1.915.684.AF	3033	
RS e-tron GT Performance	EBGD/ ECXA			

21.8 Drive Motor Control Module 1 (DMCM 1) (Rear) Information

Model	Engine Code	Software ID	Master	Comment
S e-tron GT	EBGE/ ECXA	0EG.907.121.H	0011	
RS e-tron GT Performance	EBGD/ ECXA			

21.9 Drive Motor Control Module 2 (DMCM 2) (Front) Information

Model	Engine Code	Software ID	Master	Comment
S e-tron GT	EBGE/ ECXA	0EG.907.124.H	0011	
RS e-tron GT Performance	EBGD/ ECXA	0EG.907.122.H	0011	

21.10 Thermal-Management Control Module (VTCM) Information

Model	Engine Code	Software ID	Master	Comment
S e-tron GT	EBGE/ ECXA	992.965.429.H	0624	RC_TV0.0NZG_04_26
RS e-tron GT Performance	EBGD/ ECXA			

21.11 Electric AC Compressor (EKK) (Slave of VTCM) Information

Model	Engine Code	Software ID	Master	Comment
S e-tron GT	EBGE/ ECXA	9Y4.816.797.B	0300	
RS e-tron GT Performance	EBGD/ ECXA			

21.12 Combined DC/DC Converter and HV-Booster Information

Model	Engine Code	Software ID	Master	Comment
S e-tron GT	EBGE/ ECXA	9J1.915.263.BP	1407	RC_TV0.0NZG_02_25
RS e-tron GT Performance	EBGD/ ECXA			