



### Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--
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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
Porsche AG	1 - Porsche	330 - Macan 4 Electric	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	341 - Macan Turbo Electric	Federal	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	320 - Macan 4S Electric	Federal	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	330 - Macan 4 Electric	Federal	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	373 - Macan GTS Electric	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	335 - Macan 4 Electric 20in Wheels	Federal	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	335 - Macan 4 Electric 20in Wheels	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	373 - Macan GTS Electric	Federal	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	341 - Macan Turbo Electric	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	320 - Macan 4S Electric	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No

**Engine Description**

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

**After Treatment Device(s) (ATD)**

<b>Mfr After Treatment Device (ATD) Comments</b>	--
<b>Direct Ozone Reduction (DOR) Device</b>	--
<b>Mfr Emission Control Device Comments</b>	--

**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		--	--	--	--	--	--	--	--	--	--

## Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--
<b>SFTP LEV-III Official Test Numbers</b>			
<b>Test Group Fuel</b>	<b>FTP</b>	<b>US06</b>	<b>SC03</b>
Electricity	--	--	--
<b>Hybrid Electric Vehicle And Fuel Cell Information</b>			
<b>Rechargeable Energy Storage System</b>	Battery(s)	<b>Rechargeable Energy Storage System, if Other</b>	--
<b>Battery Type</b>	Lithium Ion	<b>Number of Battery Packs</b>	1
<b>Total Voltage of Battery Packs</b>	765	<b>Battery Energy Capacity</b>	151
<b>Battery Specific Energy</b>	173	<b>Battery Charger Type</b>	Off-Board
<b>Number of Capacitors</b>	--	<b>Capacitor Rating (In Farads)</b>	--
<b>Mfr Capacitor Comments</b>	--		
<b>Hydraulic System Description</b>	--		
<b>Regenerative Braking Type</b>	Electrical Regen Brake		
<b>Regenerative Braking Source</b>	Both	<b>Driver Controlled Regenerative Braking</b>	No
<b>Mfr Regenerative Braking Description</b>	--		
<b>Drive Motor(s)/Generator(s)</b>	3		
<b>Motor/Generator Type 1</b>	AC, Perm Magnet, Synchronous	<b>Rated Motor/Generator Power</b>	280
<b>Motor/Generator Type 2</b>	AC, Perm Magnet, Synchronous	<b>Rated Motor/Generator Power</b>	175
<b>Motor/Generator Type 3</b>	AC, Perm Magnet, Synchronous	<b>Rated Motor/Generator Power</b>	495
<b>Mfr Fuel Cell Description</b>	--		
<b>Fuel Cell On-Board H2 Storage Capacity (kg)</b>	--	<b>Usable H2 Fill Capacity (kg)</b>	--
<b>Mfr Hybrid Electric/ Electric Vehicle Comments</b>	The models are configured as follows: Macan Turbo Electric Front Axle: 175KW, Rear Axle: 495KW, System Peak Power 430KW; Macan GTS Electric Front Axle: 175KW, Rear Axle: 495KW, System Peak Power 380KW; Macan 4S Electric: Front Axle: 175KW, Rear Axle: 280KW, System Peak Power 330KW; Macan 4 Electric: Front Axle: 175KW, Rear Axle: 280KW, System Peak Power 285KW;		

### Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--
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**Emission Data Vehicle Information**

Vehicle ID / Configuration	ECFE-XAB4-26 / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	TPRXT00.0EMT	Original Evaporative/Refueling Family	--
Original Test Vehicle Model Year	2026		
<b>Vehicle Model</b>			
Represented Test Vehicle Make	Porsche	Represented Test Vehicle Model	Macan 4 electric

**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	<b>Multiple Fuel Combustion</b>	--
Multiple Fuel Storage	--	<b>Rechargeable Energy Storage System Indicator</b>	Yes
Fuel Cell Indicator	No	<b>Rechargeable Energy Storage System, if 'Other'</b>	--
Rechargeable Energy Storage System	Battery(s)		
Off-board charge Capable Indicator	Yes	<b>Odometer Correction Factor</b>	1.0129
Odometer Correction -- Initial	0	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles	
Odometer Correction Sign			
Odometer Correction Units	Miles	<b>Rated Horsepower</b>	382
Engine Code	EBZ-ECE	<b>Air Aspiration Method, if 'Other'</b>	
Displacement (liters)	0.001	<b>Air Aspiration Device Configuration</b>	--
Air Aspiration Method	Naturally Aspirated	<b>Drive Mode While Testing</b>	All Wheel Drive
Number of Air Aspiration Devices	--	<b>Aged Emission Components</b>	4,000 (mi)
Charge Air Cooler Type	N/A	<b>Equivalent Test Weight (pounds)</b>	5500
Shift Indicator Light Usage	Not equipped	<b>N/V Ratio</b>	111.7
Curb Weight (lbs)	5377		
GVWR (lbs)	6437	<b># of Transmission Gears</b>	1
Axle Ratio	9.8	<b>Creeper Gear</b>	No
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	39.88	0.3817	0.02185	0.73	0.1647	0.02167	15.1

Emission Control Device Comments      BEV

### Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
<b>Manufacturer Test Vehicle Comments</b>	Macan 4 electric; Porsche Internal Name SEP416, FEDV1.		

## Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--
<b>Test #</b>	<b>TPRX10092161</b>	<b>Test Procedure</b>	<b>77 - Multi-Cycle Test (MCT)</b>
<b>Exhaust Test # for this Evap Test</b>	--	<b>Test Fuel Type</b>	62 - Electricity
<b>Test Date</b>	08/14/2025	<b>Fuel</b>	N/A
<b>Fuel Batch ID</b>	--	<b>Fuel Calibration Number</b>	--
<b>Vehicle Class</b>	N/A	<b>DF Type</b>	Mfr. Determined
<b>Verify Test Lab ID</b>	Porsche AG, Labs and Engineering		
<b>E10 Evaporative Test Measurement Method</b>	--		
<b>Test Start Odometer Reading</b>	2867	<b>Odometer Units</b>	K
<b>4WD Test Dyno</b>	Yes	<b>Diesel Adjustment Factor Usage</b>	--
<b>State of Charge Delta</b>	Yes		
<b>Drive Cycle Speed Tolerance Criteria</b>	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	<b>Road Speed Fan Usage</b>	Yes

**PHEV/EV Charge Depleting Test Information**

<b>Recharge Event Voltage</b>	238	<b>Recharge Event Energy (kiloWatt-hours)</b>	107.4363
<b>Charge Depleting Range (Calculated miles)</b>	429.057	<b>Charge Depleting Range (Actual miles)</b>	429.057
<b>Charge Depleting Range Highway (Calculated miles)</b>	355.751	<b>Derived 5-Cycle Coefficient Model Year</b>	--
<b>All Electric Range Unadjusted (miles)</b>	--	<b>Equivalent All Electric Range (miles)</b>	429.057
<b>Number of Charge Depleting Bags/Phases Conducted</b>	8	<b>Transition Bag/Phase Number</b>	--

**Charge Depleting Bag/Phase #1**

<b>Test Result/Emission Name</b>	<b>Unrounded Test Result</b>
Actual Distance Driven (miles)	7.446
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.57
Drive Trace Energy Economy Rating	-1.63
Drive Trace Inertia Work Ratio Rating	-1.79
Integrated DC KW-HRS	1.8493
Manufacturer Fuel Economy	24.836

**Charge Depleting Bag/Phase #2**

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	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>10.252</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>3.18</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.41</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>3.89</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.8139</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>27.447</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.252	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	3.18	Drive Trace Energy Economy Rating	0.41	Drive Trace Inertia Work Ratio Rating	3.89	Integrated DC KW-HRS	2.8139	Manufacturer Fuel Economy	27.447
Test Result/Emission Name	Unrounded Test Result																		
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Drive Trace Inertia Work Ratio Rating	3.89																		
Integrated DC KW-HRS	2.8139																		
Manufacturer Fuel Economy	27.447																		
<b>Charge Depleting Bag/Phase #3</b>																			
<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>7.447</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-1.63</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.69</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-1.89</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.6935</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>22.741</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.447	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-1.63	Drive Trace Energy Economy Rating	-1.69	Drive Trace Inertia Work Ratio Rating	-1.89	Integrated DC KW-HRS	1.6935	Manufacturer Fuel Economy	22.741
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Integrated DC KW-HRS	1.6935																		
Manufacturer Fuel Economy	22.741																		
<b>Charge Depleting Bag/Phase #4</b>																			
<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>215.647</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>9.79</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.02</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>19.69</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>72.7259</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>33.725</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	215.647	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	9.79	Drive Trace Energy Economy Rating	0.02	Drive Trace Inertia Work Ratio Rating	19.69	Integrated DC KW-HRS	72.7259	Manufacturer Fuel Economy	33.725
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Drive Trace Inertia Work Ratio Rating	19.69																		
Integrated DC KW-HRS	72.7259																		
Manufacturer Fuel Economy	33.725																		
<b>Charge Depleting Bag/Phase #5</b>																			
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Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.449																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-1.72																		
Drive Trace Energy Economy Rating	-1.77																		
Drive Trace Inertia Work Ratio Rating	-2																		
Integrated DC KW-HRS	1.6151																		
Manufacturer Fuel Economy	21.682																		
<b>Charge Depleting Bag/Phase #6</b>																			

## Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.253
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.37
Drive Trace Energy Economy Rating	0.46
Drive Trace Inertia Work Ratio Rating	4.1
Integrated DC KW-HRS	2.6694
Manufacturer Fuel Economy	26.035

**Charge Depleting Bag/Phase #7**

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.448
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.68
Drive Trace Energy Economy Rating	-1.66
Drive Trace Inertia Work Ratio Rating	-1.93
Integrated DC KW-HRS	1.6338
Manufacturer Fuel Economy	21.936

**Charge Depleting Bag/Phase #8**

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	29.37
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.64
Drive Trace Energy Economy Rating	-0.28
Drive Trace Inertia Work Ratio Rating	7.31
Integrated DC KW-HRS	10.1315
Manufacturer Fuel Economy	34.496

**Manufacturer Test Comments**

MACAN 4 FEDV1. Internal Test Number: 25024294

### Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--
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**Emission Data Vehicle Information**

Vehicle ID / Configuration	ECFE-XAB4-26 / 1	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	TPRXT00.0EMT	Original Evaporative/Refueling Family	--
Original Test Vehicle Model Year	2026		
<b>Vehicle Model</b>			
Represented Test Vehicle Make	Porsche	Represented Test Vehicle Model	Macan 4 electric

**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 Storage	--	Multiple Fuel Combustion	--
Fuel Cell Indicator	No	Rechargeable Energy Storage System Indicator	Yes
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if 'Other'	--
Off-board charge Capable Indicator	Yes		
Odometer Correction -- Initial	0	Odometer Correction Factor	1.0129
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles		
Odometer Correction Units	Miles		
Engine Code	EBZ-ECE	Rated Horsepower	382
Displacement (liters)	0.001		
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--
Charge Air Cooler Type	N/A	Drive Mode While Testing	All Wheel Drive
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)
Curb Weight (lbs)	5379	Equivalent Test Weight (pounds)	5500
GVWR (lbs)	6437	N/V Ratio	111.7
Axle Ratio	9.8		
Transmission Type	Automatic	# of Transmission Gears	1
Transmission Lockup	No	Creeper Gear	No

**Dynamometer Coefficients:**

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	35.27	0.276	0.02144	-5.13	0.0483	0.0213	13.7

Emission Control Device Comments      BEV

### Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
<b>Manufacturer Test Vehicle Comments</b>	Macan 4 electric; Porsche Internal Name SEP416, FEDV2.		

## Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--
<b>Test #</b>	<b>TPRX10092162</b>	<b>Test Procedure</b>	<b>77 - Multi-Cycle Test (MCT)</b>
<b>Exhaust Test # for this Evap Test</b>	--	<b>Test Fuel Type</b>	62 - Electricity
<b>Test Date</b>	07/24/2025	<b>Fuel</b>	N/A
<b>Fuel Batch ID</b>	--	<b>Fuel Calibration Number</b>	--
<b>Vehicle Class</b>	N/A	<b>DF Type</b>	Mfr. Determined
<b>Verify Test Lab ID</b>	Porsche AG, Labs and Engineering		
<b>E10 Evaporative Test Measurement Method</b>	--		
<b>Test Start Odometer Reading</b>	2094	<b>Odometer Units</b>	M
<b>4WD Test Dyno</b>	Yes	<b>Diesel Adjustment Factor Usage</b>	--
<b>State of Charge Delta</b>	Yes		
<b>Drive Cycle Speed Tolerance Criteria</b>	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	<b>Road Speed Fan Usage</b>	Yes

**PHEV/EV Charge Depleting Test Information**

<b>Recharge Event Voltage</b>	238	<b>Recharge Event Energy (kiloWatt-hours)</b>	106.5913
<b>Charge Depleting Range (Calculated miles)</b>	469.475	<b>Charge Depleting Range (Actual miles)</b>	469.475
<b>Charge Depleting Range Highway (Calculated miles)</b>	395.474	<b>Derived 5-Cycle Coefficient Model Year</b>	--
<b>All Electric Range Unadjusted (miles)</b>	--	<b>Equivalent All Electric Range (miles)</b>	469.475
<b>Number of Charge Depleting Bags/Phases Conducted</b>	8	<b>Transition Bag/Phase Number</b>	--

**Charge Depleting Bag/Phase #1**

<b>Test Result/Emission Name</b>	<b>Unrounded Test Result</b>
Actual Distance Driven (miles)	7.448
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.76
Drive Trace Energy Economy Rating	-1.92
Drive Trace Inertia Work Ratio Rating	-2.12
Integrated DC KW-HRS	1.6786
Manufacturer Fuel Economy	22.538

**Charge Depleting Bag/Phase #2**

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Integrated DC KW-HRS	2.5483																		
Manufacturer Fuel Economy	24.857																		
<b>Charge Depleting Bag/Phase #3</b>																			
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Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.45																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-1.92																		
Drive Trace Energy Economy Rating	-1.89																		
Drive Trace Inertia Work Ratio Rating	-2.36																		
Integrated DC KW-HRS	1.5667																		
Manufacturer Fuel Economy	21.03																		
<b>Charge Depleting Bag/Phase #4</b>																			
<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>239.059</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>9.02</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.14</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>18.15</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>73.4076</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>30.707</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	239.059	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	9.02	Drive Trace Energy Economy Rating	0.14	Drive Trace Inertia Work Ratio Rating	18.15	Integrated DC KW-HRS	73.4076	Manufacturer Fuel Economy	30.707
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	9.02																		
Drive Trace Energy Economy Rating	0.14																		
Drive Trace Inertia Work Ratio Rating	18.15																		
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Manufacturer Fuel Economy	30.707																		
<b>Charge Depleting Bag/Phase #5</b>																			
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Drive Trace Inertia Work Ratio Rating	-2.37																		
Integrated DC KW-HRS	1.4824																		
Manufacturer Fuel Economy	19.895																		
<b>Charge Depleting Bag/Phase #6</b>																			

## Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.253
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.08
Drive Trace Energy Economy Rating	0.21
Drive Trace Inertia Work Ratio Rating	3.83
Integrated DC KW-HRS	2.4008
Manufacturer Fuel Economy	23.416

**Charge Depleting Bag/Phase #7**

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.45
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.85
Drive Trace Energy Economy Rating	-1.86
Drive Trace Inertia Work Ratio Rating	-2.3
Integrated DC KW-HRS	1.4864
Manufacturer Fuel Economy	19.952

**Charge Depleting Bag/Phase #8**

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	34.799
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	2.2
Drive Trace Energy Economy Rating	-0.34
Drive Trace Inertia Work Ratio Rating	4.43
Integrated DC KW-HRS	10.8813
Manufacturer Fuel Economy	31.269

**Manufacturer Test Comments**

MACAN 4 FEDV2. Internal Test Number: 25024299

### Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--						
<b>Emission Data Vehicle Information</b>									
<b>Vehicle ID / Configuration</b>	ECFE-XAB4-26 / 2	<b>Manufacturer Vehicle Configuration Number</b>	0						
<b>Original Test Group Name</b>	TPRXT00.0EMT	<b>Original Evaporative/Refueling Family</b>	--						
<b>Original Test Vehicle Model Year</b>	2026								
<b>Vehicle Model</b>									
<b>Represented Test Vehicle Make</b>	Porsche	<b>Represented Test Vehicle Model</b>	Macan 4 electric						
<b>Leak Family Details</b>									
<b>Leak Family Identifier</b>	--	<b>Leak Family Name</b>	--						
<b>Drive Sources and Fuel System Details</b>									
<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							
<b>Hybrid Indicator</b>	No	<b>Multiple Fuel Combustion</b>	--						
<b>Multiple Fuel Storage</b>	--	<b>Rechargeable Energy Storage System Indicator</b>	Yes						
<b>Fuel Cell Indicator</b>	No	<b>Rechargeable Energy Storage System, if 'Other'</b>	--						
<b>Rechargeable Energy Storage System</b>	Battery(s)								
<b>Off-board charge Capable Indicator</b>	Yes	<b>Odometer Correction Factor</b>	1.0129						
<b>Odometer Correction -- Initial</b>	0	<b>Odometer Correction Sign</b> + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles							
<b>Odometer Correction Units</b>	Miles								
<b>Engine Code</b>	EBZ-ECE	<b>Rated Horsepower</b>	382						
<b>Displacement (liters)</b>	0.001	<b>Air Aspiration Method, if 'Other'</b>							
<b>Air Aspiration Method</b>	Naturally Aspirated	<b>Air Aspiration Device Configuration</b>	--						
<b>Number of Air Aspiration Devices</b>	--	<b>Drive Mode While Testing</b>	All Wheel Drive						
<b>Charge Air Cooler Type</b>	N/A	<b>Aged Emission Components</b>	4,000 (mi)						
<b>Shift Indicator Light Usage</b>	Not equipped	<b>Equivalent Test Weight (pounds)</b>	5500						
<b>Curb Weight (lbs)</b>	5362	<b>N/V Ratio</b>	111.7						
<b>GVWR (lbs)</b>	6437								
<b>Axle Ratio</b>	9.8	<b># of Transmission Gears</b>	1						
<b>Transmission Type</b>	Automatic	<b>Creeper Gear</b>	No						
<b>Transmission Lockup</b>	No								
<b>Dynamometer Coefficients:</b>									
<b>Target Coefficients</b>			<b>Set Coefficients</b>						
<b>Coefficient Category</b>	<b>A (lbf)</b>	<b>B (lbf/mph)</b>	<b>C (lbf/mph**2)</b>						
<b>City/Highway/Evap</b>	33.09	0.276	0.01981						
			<b>A (lbf)</b>						
			-7.72						
			<b>B (lbf/mph)</b>						
			0.0675						
			<b>C (lbf/mph**2)</b>						
			0.01946						
			<b>EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients</b>						
			12.9						
<b>Emission Control Device Comments</b>	BEV								

### Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
<b>Manufacturer Test Vehicle Comments</b>	Macan 4 electric; Porsche Internal Name SEP416, FEDV3.		

**Certification Summary Information Report**

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--
<b>Test #</b>	<b>TPRX10092164</b>	<b>Test Procedure</b>	<b>77 - Multi-Cycle Test (MCT)</b>
<b>Exhaust Test # for this Evap Test</b>	--	<b>Test Fuel Type</b>	62 - Electricity
<b>Test Date</b>	07/29/2025	<b>Fuel</b>	N/A
<b>Fuel Batch ID</b>	--	<b>Fuel Calibration Number</b>	--
<b>Vehicle Class</b>	N/A	<b>DF Type</b>	Mfr. Determined
<b>Verify Test Lab ID</b>	Porsche AG, Labs and Engineering		
<b>E10 Evaporative Test Measurement Method</b>	--		
<b>Test Start Odometer Reading</b>	2460	<b>Odometer Units</b>	M
<b>4WD Test Dyno</b>	Yes	<b>Diesel Adjustment Factor Usage</b>	--
<b>State of Charge Delta</b>	Yes	<b>Road Speed Fan Usage</b>	Yes
<b>Drive Cycle Speed Tolerance Criteria</b>	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)		
<b>PHEV/EV Charge Depleting Test Information</b>			
<b>Recharge Event Voltage</b>	238	<b>Recharge Event Energy (kiloWatt-hours)</b>	106.3516
<b>Charge Depleting Range (Calculated miles)</b>	498.333	<b>Charge Depleting Range (Actual miles)</b>	498.333
<b>Charge Depleting Range Highway (Calculated miles)</b>	419.854	<b>Derived 5-Cycle Coefficient Model Year</b>	--
<b>All Electric Range Unadjusted (miles)</b>	--	<b>Equivalent All Electric Range (miles)</b>	498.333
<b>Number of Charge Depleting Bags/Phases Conducted</b>	8	<b>Transition Bag/Phase Number</b>	--
<b>Charge Depleting Bag/Phase #1</b>			
<b>Test Result/Emission Name</b>		<b>Unrounded Test Result</b>	
Actual Distance Driven (miles)		7.447	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-1.87	
Drive Trace Energy Economy Rating		-1.73	
Drive Trace Inertia Work Ratio Rating		-2.3	
Integrated DC KW-HRS		1.6267	
Manufacturer Fuel Economy		21.844	
<b>Charge Depleting Bag/Phase #2</b>			

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	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>10.252</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>3.16</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.28</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>3.95</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.4037</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>23.446</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.252	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	3.16	Drive Trace Energy Economy Rating	0.28	Drive Trace Inertia Work Ratio Rating	3.95	Integrated DC KW-HRS	2.4037	Manufacturer Fuel Economy	23.446
Test Result/Emission Name	Unrounded Test Result																		
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Drive Trace Inertia Work Ratio Rating	3.95																		
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Manufacturer Fuel Economy	23.446																		
<b>Charge Depleting Bag/Phase #3</b>																			
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Test Result/Emission Name	Unrounded Test Result																		
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Manufacturer Fuel Economy	19.868																		
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Manufacturer Fuel Economy	28.538																		
<b>Charge Depleting Bag/Phase #5</b>																			
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Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-1.9																		
Drive Trace Energy Economy Rating	-1.98																		
Drive Trace Inertia Work Ratio Rating	-2.33																		
Integrated DC KW-HRS	1.3909																		
Manufacturer Fuel Economy	18.665																		
<b>Charge Depleting Bag/Phase #6</b>																			

## Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.252
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.91
Drive Trace Energy Economy Rating	0.22
Drive Trace Inertia Work Ratio Rating	4.81
Integrated DC KW-HRS	2.2563
Manufacturer Fuel Economy	22.008

**Charge Depleting Bag/Phase #7**

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.452
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.78
Drive Trace Energy Economy Rating	-1.94
Drive Trace Inertia Work Ratio Rating	-2.17
Integrated DC KW-HRS	1.3988
Manufacturer Fuel Economy	18.771

**Charge Depleting Bag/Phase #8**

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	38.661
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.54
Drive Trace Energy Economy Rating	-0.29
Drive Trace Inertia Work Ratio Rating	7.13
Integrated DC KW-HRS	11.2115
Manufacturer Fuel Economy	29

**Manufacturer Test Comments**

MACAN 4 FEDV3. Internal Test Number: 25024304

### Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--						
<b>Emission Data Vehicle Information</b>									
<b>Vehicle ID / Configuration</b>	ECFE-XABS-26 / 0	<b>Manufacturer Vehicle Configuration Number</b>	0						
<b>Original Test Group Name</b>	TPRXT00.0EMT	<b>Original Evaporative/Refueling Family</b>	--						
<b>Original Test Vehicle Model Year</b>	2026								
<b>Vehicle Model</b>									
<b>Represented Test Vehicle Make</b>	Porsche	<b>Represented Test Vehicle Model</b>	Macan 4S electric						
<b>Leak Family Details</b>									
<b>Leak Family Identifier</b>	--	<b>Leak Family Name</b>	--						
<b>Drive Sources and Fuel System Details</b>									
<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							
<b>Hybrid Indicator</b>	No	<b>Multiple Fuel Combustion</b>	--						
<b>Multiple Fuel Storage</b>	--	<b>Rechargeable Energy Storage System Indicator</b>	Yes						
<b>Fuel Cell Indicator</b>	No	<b>Rechargeable Energy Storage System, if 'Other'</b>	--						
<b>Rechargeable Energy Storage System</b>	Battery(s)								
<b>Off-board charge Capable Indicator</b>	Yes	<b>Odometer Correction Factor</b>	1.0058						
<b>Odometer Correction -- Initial</b>	0								
<b>Odometer Correction Sign</b>	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
<b>Odometer Correction Units</b>	Miles								
<b>Engine Code</b>	EBZ-ECL	<b>Rated Horsepower</b>	442						
<b>Displacement (liters)</b>	0.001	<b>Air Aspiration Method, if 'Other'</b>							
<b>Air Aspiration Method</b>	Naturally Aspirated	<b>Air Aspiration Device Configuration</b>	--						
<b>Number of Air Aspiration Devices</b>	--	<b>Drive Mode While Testing</b>	All Wheel Drive						
<b>Charge Air Cooler Type</b>	N/A	<b>Aged Emission Components</b>	4,000 (mi)						
<b>Shift Indicator Light Usage</b>	Not equipped	<b>Equivalent Test Weight (pounds)</b>	6000						
<b>Curb Weight (lbs)</b>	5428	<b>N/V Ratio</b>	115.1						
<b>GVWR (lbs)</b>	6460								
<b>Axle Ratio</b>	9.99	<b># of Transmission Gears</b>	1						
<b>Transmission Type</b>	Automatic	<b>Creeper Gear</b>	No						
<b>Transmission Lockup</b>	No								
<b>Dynamometer Coefficients:</b>									
<b>Target Coefficients</b>			<b>Set Coefficients</b>						
<b>Coefficient Category</b>	<b>A (lbf)</b>	<b>B (lbf/mph)</b>	<b>C (lbf/mph**2)</b>						
<b>City/Highway/Evap</b>	49.8	-0.0376	0.02777						
			<b>A (lbf)</b>						
			<b>B (lbf/mph)</b>						
			<b>C (lbf/mph**2)</b>						
			<b>EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients</b>						
			15.6						
<b>Emission Control Device Comments</b>	BEV								

### Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
<b>Manufacturer Test Vehicle Comments</b>	Macan 4S electric; Porsche Internal Name SEP626, FEDV1. AXLE RATIO IS 10.07		

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
<b>Test #</b>	<b>TPRX10092165</b>	<b>Test Procedure</b>	<b>77 - Multi-Cycle Test (MCT)</b>
<b>Exhaust Test # for this Evap Test</b>	--	<b>Test Fuel Type</b>	62 - Electricity
<b>Test Date</b>	07/29/2025	<b>Fuel</b>	N/A
<b>Fuel Batch ID</b>	--	<b>Fuel Calibration Number</b>	--
<b>Vehicle Class</b>	N/A	<b>DF Type</b>	Mfr. Determined
<b>Verify Test Lab ID</b>	Porsche AG, Labs and Engineering		
<b>E10 Evaporative Test Measurement Method</b>	--		
<b>Test Start Odometer Reading</b>	2065	<b>Odometer Units</b>	M
<b>4WD Test Dyno</b>	Yes	<b>Diesel Adjustment Factor Usage</b>	--
<b>State of Charge Delta</b>	Yes		
<b>Drive Cycle Speed Tolerance Criteria</b>	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	<b>Road Speed Fan Usage</b>	Yes
<b>PHEV/EV Charge Depleting Test Information</b>			
<b>Recharge Event Voltage</b>	240	<b>Recharge Event Energy (kiloWatt-hours)</b>	106.1343
<b>Charge Depleting Range (Calculated miles)</b>	411.647	<b>Charge Depleting Range (Actual miles)</b>	411.647
<b>Charge Depleting Range Highway (Calculated miles)</b>	354.497	<b>Derived 5-Cycle Coefficient Model Year</b>	--
<b>All Electric Range Unadjusted (miles)</b>	--	<b>Equivalent All Electric Range (miles)</b>	411.647
<b>Number of Charge Depleting Bags/Phases Conducted</b>	8	<b>Transition Bag/Phase Number</b>	--
<b>Charge Depleting Bag/Phase #1</b>			
<b>Test Result/Emission Name</b>		<b>Unrounded Test Result</b>	
Actual Distance Driven (miles)		7.451	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-1.19	
Drive Trace Energy Economy Rating		-1.63	
Drive Trace Inertia Work Ratio Rating		-1.41	
Integrated DC KW-HRS		2.0577	
Manufacturer Fuel Economy		27.616	
<b>Charge Depleting Bag/Phase #2</b>			

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
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Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.453																		
Carbon-Related Exhaust Emissions	0																		
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Drive Trace Energy Economy Rating	-1.67																		
Drive Trace Inertia Work Ratio Rating	-1.3																		
Integrated DC KW-HRS	1.6806																		
Manufacturer Fuel Economy	22.549																		
<b>Charge Depleting Bag/Phase #6</b>																			

## Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.252
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	4.11
Drive Trace Energy Economy Rating	1
Drive Trace Inertia Work Ratio Rating	5.16
Integrated DC KW-HRS	2.6786
Manufacturer Fuel Economy	26.128

**Charge Depleting Bag/Phase #7**

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.453
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.26
Drive Trace Energy Economy Rating	-1.65
Drive Trace Inertia Work Ratio Rating	-1.43
Integrated DC KW-HRS	1.705
Manufacturer Fuel Economy	22.877

**Charge Depleting Bag/Phase #8**

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	29.883
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.11
Drive Trace Energy Economy Rating	-0.55
Drive Trace Inertia Work Ratio Rating	0.19
Integrated DC KW-HRS	10.1431
Manufacturer Fuel Economy	33.943

**Manufacturer Test Comments**

MACAN 4S FEDV1, Internal Test Number: 25024271

### Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--						
<b>Emission Data Vehicle Information</b>									
<b>Vehicle ID / Configuration</b>	ECFE-XABS-26 / 1	<b>Manufacturer Vehicle Configuration Number</b>	0						
<b>Original Test Group Name</b>	TPRXT00.0EMT	<b>Original Evaporative/Refueling Family</b>	--						
<b>Original Test Vehicle Model Year</b>	2026								
<b>Vehicle Model</b>									
<b>Represented Test Vehicle Make</b>	Porsche	<b>Represented Test Vehicle Model</b>	Macan 4S electric						
<b>Leak Family Details</b>									
<b>Leak Family Identifier</b>	--	<b>Leak Family Name</b>	--						
<b>Drive Sources and Fuel System Details</b>									
<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							
<b>Hybrid Indicator</b>	No								
<b>Multiple Fuel Storage</b>	--	<b>Multiple Fuel Combustion</b>	--						
<b>Fuel Cell Indicator</b>	No	<b>Rechargeable Energy Storage System Indicator</b>	Yes						
<b>Rechargeable Energy Storage System</b>	Battery(s)	<b>Rechargeable Energy Storage System, if 'Other'</b>	--						
<b>Off-board charge Capable Indicator</b>	Yes								
<b>Odometer Correction -- Initial</b>	0	<b>Odometer Correction Factor</b>	1.0058						
<b>Odometer Correction Sign</b>	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
<b>Odometer Correction Units</b>	Miles								
<b>Engine Code</b>	EBZ-ECL	<b>Rated Horsepower</b>	442						
<b>Displacement (liters)</b>	0.001								
<b>Air Aspiration Method</b>	Naturally Aspirated	<b>Air Aspiration Method, if 'Other'</b>							
<b>Number of Air Aspiration Devices</b>	--	<b>Air Aspiration Device Configuration</b>	--						
<b>Charge Air Cooler Type</b>	N/A	<b>Drive Mode While Testing</b>	All Wheel Drive						
<b>Shift Indicator Light Usage</b>	Not equipped	<b>Aged Emission Components</b>	4,000 (mi)						
<b>Curb Weight (lbs)</b>	5430	<b>Equivalent Test Weight (pounds)</b>	6000						
<b>GVWR (lbs)</b>	6460	<b>N/V Ratio</b>	115.1						
<b>Axle Ratio</b>	9.99								
<b>Transmission Type</b>	Automatic	<b># of Transmission Gears</b>	1						
<b>Transmission Lockup</b>	No	<b>Creeper Gear</b>	No						
<b>Dynamometer Coefficients:</b>									
<b>Target Coefficients</b>			<b>Set Coefficients</b>						
<b>Coefficient Category</b>	<b>A (lbf)</b>	<b>B (lbf/mph)</b>	<b>C (lbf/mph**2)</b>						
<b>City/Highway/Evap</b>	41.12	0.1585	0.02422						
			<b>A (lbf)</b>						
			-10.31						
			<b>B (lbf/mph)</b>						
			0.2484						
			<b>C (lbf/mph**2)</b>						
			0.0179						
			<b>EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients</b>						
			14.6						
<b>Emission Control Device Comments</b>	BEV								

### Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
<b>Manufacturer Test Vehicle Comments</b>	Macan 4S electric; Porsche Internal Name SEP626, FEDV2. AXLE RATIO IS 10.07		

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
<b>Test #</b>	<b>TPRX10092166</b>	<b>Test Procedure</b>	<b>77 - Multi-Cycle Test (MCT)</b>
<b>Exhaust Test # for this Evap Test</b>	--	<b>Test Fuel Type</b>	62 - Electricity
<b>Test Date</b>	07/31/2025	<b>Fuel</b>	N/A
<b>Fuel Batch ID</b>	--	<b>Fuel Calibration Number</b>	--
<b>Vehicle Class</b>	N/A	<b>DF Type</b>	Mfr. Determined
<b>Verify Test Lab ID</b>	Porsche AG, Labs and Engineering		
<b>E10 Evaporative Test Measurement Method</b>	--		
<b>Test Start Odometer Reading</b>	2406	<b>Odometer Units</b>	M
<b>4WD Test Dyno</b>	Yes	<b>Diesel Adjustment Factor Usage</b>	--
<b>State of Charge Delta</b>	Yes		
<b>Drive Cycle Speed Tolerance Criteria</b>	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	<b>Road Speed Fan Usage</b>	Yes
<b>PHEV/EV Charge Depleting Test Information</b>			
<b>Recharge Event Voltage</b>	240	<b>Recharge Event Energy (kiloWatt-hours)</b>	106.0801
<b>Charge Depleting Range (Calculated miles)</b>	433.944	<b>Charge Depleting Range (Actual miles)</b>	433.944
<b>Charge Depleting Range Highway (Calculated miles)</b>	374.896	<b>Derived 5-Cycle Coefficient Model Year</b>	--
<b>All Electric Range Unadjusted (miles)</b>	--	<b>Equivalent All Electric Range (miles)</b>	433.944
<b>Number of Charge Depleting Bags/Phases Conducted</b>	8	<b>Transition Bag/Phase Number</b>	--
<b>Charge Depleting Bag/Phase #1</b>			
<b>Test Result/Emission Name</b>		<b>Unrounded Test Result</b>	
Actual Distance Driven (miles)		7.451	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-1.32	
Drive Trace Energy Economy Rating		-1.69	
Drive Trace Inertia Work Ratio Rating		-1.53	
Integrated DC KW-HRS		1.9203	
Manufacturer Fuel Economy		25.772	
<b>Charge Depleting Bag/Phase #2</b>			

## Certification Summary Information Report

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Drive Trace Inertia Work Ratio Rating	-1.6																		
Integrated DC KW-HRS	1.5822																		
Manufacturer Fuel Economy	21.223																		
<b>Charge Depleting Bag/Phase #6</b>																			

## Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.254
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	4.12
Drive Trace Energy Economy Rating	0.8
Drive Trace Inertia Work Ratio Rating	5.18
Integrated DC KW-HRS	2.4975
Manufacturer Fuel Economy	24.356

**Charge Depleting Bag/Phase #7**

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.456
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.28
Drive Trace Energy Economy Rating	-1.7
Drive Trace Inertia Work Ratio Rating	-1.46
Integrated DC KW-HRS	1.6089
Manufacturer Fuel Economy	21.579

**Charge Depleting Bag/Phase #8**

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	33.664
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.6
Drive Trace Energy Economy Rating	-0.23
Drive Trace Inertia Work Ratio Rating	7.23
Integrated DC KW-HRS	10.6063
Manufacturer Fuel Economy	31.506

**Manufacturer Test Comments**

MACAN 4S FEDV2. Internal Test Number: 25024276

### Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--						
<b>Emission Data Vehicle Information</b>									
<b>Vehicle ID / Configuration</b>	ECFE-XABS-26 / 2	<b>Manufacturer Vehicle Configuration Number</b>	0						
<b>Original Test Group Name</b>	TPRXT00.0EMT	<b>Original Evaporative/Refueling Family</b>	--						
<b>Original Test Vehicle Model Year</b>	2026								
<b>Vehicle Model</b>									
<b>Represented Test Vehicle Make</b>	Porsche	<b>Represented Test Vehicle Model</b>	Macan 4S electric						
<b>Leak Family Details</b>									
<b>Leak Family Identifier</b>	--	<b>Leak Family Name</b>	--						
<b>Drive Sources and Fuel System Details</b>									
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Drive Source and Fuel#	Drive Source	Fuel							
1	Electric Motor	Electricity							
<b>Hybrid Indicator</b>	No	<b>Multiple Fuel Combustion</b>	--						
<b>Multiple Fuel Storage</b>	--	<b>Rechargeable Energy Storage System Indicator</b>	Yes						
<b>Fuel Cell Indicator</b>	No	<b>Rechargeable Energy Storage System, if 'Other'</b>	--						
<b>Rechargeable Energy Storage System</b>	Battery(s)								
<b>Off-board charge Capable Indicator</b>	Yes	<b>Odometer Correction Factor</b>	1.0058						
<b>Odometer Correction -- Initial</b>	0								
<b>Odometer Correction Sign</b>	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
<b>Odometer Correction Units</b>	Miles								
<b>Engine Code</b>	EBZ-ECL	<b>Rated Horsepower</b>	442						
<b>Displacement (liters)</b>	0.001	<b>Air Aspiration Method, if 'Other'</b>							
<b>Air Aspiration Method</b>	Naturally Aspirated	<b>Air Aspiration Device Configuration</b>	--						
<b>Number of Air Aspiration Devices</b>	--	<b>Drive Mode While Testing</b>	All Wheel Drive						
<b>Charge Air Cooler Type</b>	N/A	<b>Aged Emission Components</b>	4,000 (mi)						
<b>Shift Indicator Light Usage</b>	Not equipped	<b>Equivalent Test Weight (pounds)</b>	5500						
<b>Curb Weight (lbs)</b>	5393	<b>N/V Ratio</b>	115.1						
<b>GVWR (lbs)</b>	6460								
<b>Axle Ratio</b>	9.99	<b># of Transmission Gears</b>	1						
<b>Transmission Type</b>	Automatic	<b>Creeper Gear</b>	No						
<b>Transmission Lockup</b>	No								
<b>Dynamometer Coefficients:</b>									
<b>Target Coefficients</b>			<b>Set Coefficients</b>						
<b>Coefficient Category</b>	<b>A (lbf)</b>	<b>B (lbf/mph)</b>	<b>C (lbf/mph**2)</b>						
<b>City/Highway/Evap</b>	37.9	0.1585	0.02401						
			<b>A (lbf)</b>						
			-13.24						
			<b>B (lbf/mph)</b>						
			0.2474						
			<b>C (lbf/mph**2)</b>						
			0.01774						
			<b>EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients</b>						
			14.1						
<b>Emission Control Device Comments</b>	BEV								

### Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
<b>Manufacturer Test Vehicle Comments</b>	Macan 4S electric; Porsche Internal Name SEP626, FEDV3. AXLE RATIO IS 10.07		

## Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--
<b>Test #</b>	<b>TPRX10092169</b>	<b>Test Procedure</b>	<b>77 - Multi-Cycle Test (MCT)</b>
<b>Exhaust Test # for this Evap Test</b>	--	<b>Test Fuel Type</b>	62 - Electricity
<b>Test Date</b>	08/05/2025	<b>Fuel</b>	N/A
<b>Fuel Batch ID</b>	--	<b>Fuel Calibration Number</b>	--
<b>Vehicle Class</b>	N/A	<b>DF Type</b>	Mfr. Determined
<b>Verify Test Lab ID</b>	Porsche AG, Labs and Engineering		
<b>E10 Evaporative Test Measurement Method</b>	--		
<b>Test Start Odometer Reading</b>	2766	<b>Odometer Units</b>	M
<b>4WD Test Dyno</b>	Yes	<b>Diesel Adjustment Factor Usage</b>	--
<b>State of Charge Delta</b>	Yes		
<b>Drive Cycle Speed Tolerance Criteria</b>	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	<b>Road Speed Fan Usage</b>	Yes

**PHEV/EV Charge Depleting Test Information**

<b>Recharge Event Voltage</b>	240	<b>Recharge Event Energy (kiloWatt-hours)</b>	105.9416
<b>Charge Depleting Range (Calculated miles)</b>	450.188	<b>Charge Depleting Range (Actual miles)</b>	450.188
<b>Charge Depleting Range Highway (Calculated miles)</b>	381.583	<b>Derived 5-Cycle Coefficient Model Year</b>	--
<b>All Electric Range Unadjusted (miles)</b>	--	<b>Equivalent All Electric Range (miles)</b>	450.188
<b>Number of Charge Depleting Bags/Phases Conducted</b>	8	<b>Transition Bag/Phase Number</b>	--

**Charge Depleting Bag/Phase #1**

<b>Test Result/Emission Name</b>	<b>Unrounded Test Result</b>
Actual Distance Driven (miles)	7.446
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.13
Drive Trace Energy Economy Rating	-1.12
Drive Trace Inertia Work Ratio Rating	-1.34
Integrated DC KW-HRS	1.8481
Manufacturer Fuel Economy	24.82

**Charge Depleting Bag/Phase #2**

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	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>10.251</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>4.41</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>1.11</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>5.53</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.6403</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>25.757</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.251	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	4.41	Drive Trace Energy Economy Rating	1.11	Drive Trace Inertia Work Ratio Rating	5.53	Integrated DC KW-HRS	2.6403	Manufacturer Fuel Economy	25.757
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Test Result/Emission Name	Unrounded Test Result																		
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Drive Trace Energy Economy Rating	-1.64																		
Drive Trace Inertia Work Ratio Rating	-1.31																		
Integrated DC KW-HRS	1.5274																		
Manufacturer Fuel Economy	20.502																		
<b>Charge Depleting Bag/Phase #6</b>																			

## Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.253
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	4.45
Drive Trace Energy Economy Rating	1
Drive Trace Inertia Work Ratio Rating	5.62
Integrated DC KW-HRS	2.4753
Manufacturer Fuel Economy	24.142

**Charge Depleting Bag/Phase #7**

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.45
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.13
Drive Trace Energy Economy Rating	-1.66
Drive Trace Inertia Work Ratio Rating	-1.23
Integrated DC KW-HRS	1.5522
Manufacturer Fuel Economy	20.835

**Charge Depleting Bag/Phase #8**

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	34.463
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.72
Drive Trace Energy Economy Rating	-0.24
Drive Trace Inertia Work Ratio Rating	7.46
Integrated DC KW-HRS	10.7013
Manufacturer Fuel Economy	31.052

**Manufacturer Test Comments**

MACAN 4S FEDV3. Internal Test Number: 25024287.

### Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--						
<b>Emission Data Vehicle Information</b>									
<b>Vehicle ID / Configuration</b>	ECFE-XABT-26 / 0	<b>Manufacturer Vehicle Configuration Number</b>	0						
<b>Original Test Group Name</b>	TPRXT00.0EMT	<b>Original Evaporative/Refueling Family</b>	--						
<b>Original Test Vehicle Model Year</b>	2026								
<b>Vehicle Model</b>									
<b>Represented Test Vehicle Make</b>	Porsche	<b>Represented Test Vehicle Model</b>	Macan Turbo electric						
<b>Leak Family Details</b>									
<b>Leak Family Identifier</b>	--	<b>Leak Family Name</b>	--						
<b>Drive Sources and Fuel System Details</b>									
<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							
<b>Hybrid Indicator</b>	No								
<b>Multiple Fuel Storage</b>	--	<b>Multiple Fuel Combustion</b>	--						
<b>Fuel Cell Indicator</b>	No	<b>Rechargeable Energy Storage System Indicator</b>	Yes						
<b>Rechargeable Energy Storage System</b>	Battery(s)	<b>Rechargeable Energy Storage System, if 'Other'</b>	--						
<b>Off-board charge Capable Indicator</b>	Yes								
<b>Odometer Correction -- Initial</b>	0	<b>Odometer Correction Factor</b>	0.998						
<b>Odometer Correction Sign</b>	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
<b>Odometer Correction Units</b>	Miles								
<b>Engine Code</b>	EBZ-ECM	<b>Rated Horsepower</b>	576						
<b>Displacement (liters)</b>	0.001								
<b>Air Aspiration Method</b>	Naturally Aspirated	<b>Air Aspiration Method, if 'Other'</b>							
<b>Number of Air Aspiration Devices</b>	--	<b>Air Aspiration Device Configuration</b>	--						
<b>Charge Air Cooler Type</b>	N/A	<b>Drive Mode While Testing</b>	All Wheel Drive						
<b>Shift Indicator Light Usage</b>	Not equipped	<b>Aged Emission Components</b>	4,000 (mi)						
<b>Curb Weight (lbs)</b>	5558	<b>Equivalent Test Weight (pounds)</b>	6000						
<b>GVWR (lbs)</b>	6504	<b>N/V Ratio</b>	103.4						
<b>Axle Ratio</b>	9								
<b>Transmission Type</b>	Automatic	<b># of Transmission Gears</b>	1						
<b>Transmission Lockup</b>	No	<b>Creeper Gear</b>	No						
<b>Dynamometer Coefficients:</b>									
<b>Target Coefficients</b>			<b>Set Coefficients</b>						
<b>Coefficient Category</b>	<b>A (lbf)</b>	<b>B (lbf/mph)</b>	<b>C (lbf/mph**2)</b>						
<b>EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients</b>									
<b>City/Highway/Evap</b>	47.97	0.1791	0.02438						
	-0.51	0.1749	0.01987						
			15.7						
<b>Emission Control Device Comments</b>	BEV								

### Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--
<b>Manufacturer Test Vehicle Comments</b>	Macan Turbo electric; Porsche Internal Name SEP841, FEDV1.		

**Certification Summary Information Report**

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--
<b>Test #</b>	<b>TPRX10092195</b>	<b>Test Procedure</b>	<b>77 - Multi-Cycle Test (MCT)</b>
<b>Exhaust Test # for this Evap Test</b>	--	<b>Test Fuel Type</b>	62 - Electricity
<b>Test Date</b>	08/15/2025	<b>Fuel</b>	N/A
<b>Fuel Batch ID</b>	--	<b>Fuel Calibration Number</b>	--
<b>Vehicle Class</b>	N/A	<b>DF Type</b>	Mfr. Determined
<b>Verify Test Lab ID</b>	Porsche AG, Labs and Engineering		
<b>E10 Evaporative Test Measurement Method</b>	--		
<b>Test Start Odometer Reading</b>	3489	<b>Odometer Units</b>	M
<b>4WD Test Dyno</b>	Yes	<b>Diesel Adjustment Factor Usage</b>	--
<b>State of Charge Delta</b>	Yes		
<b>Drive Cycle Speed Tolerance Criteria</b>	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	<b>Road Speed Fan Usage</b>	Yes

**PHEV/EV Charge Depleting Test Information**

<b>Recharge Event Voltage</b>	240	<b>Recharge Event Energy (kiloWatt-hours)</b>	107.095
<b>Charge Depleting Range (Calculated miles)</b>	423.156	<b>Charge Depleting Range (Actual miles)</b>	423.156
<b>Charge Depleting Range Highway (Calculated miles)</b>	356.57	<b>Derived 5-Cycle Coefficient Model Year</b>	--
<b>All Electric Range Unadjusted (miles)</b>	--	<b>Equivalent All Electric Range (miles)</b>	423.156
<b>Number of Charge Depleting Bags/Phases Conducted</b>	8	<b>Transition Bag/Phase Number</b>	--

**Charge Depleting Bag/Phase #1**

<b>Test Result/Emission Name</b>	<b>Unrounded Test Result</b>
Actual Distance Driven (miles)	7.471
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.58
Drive Trace Energy Economy Rating	-2.15
Drive Trace Inertia Work Ratio Rating	-2.15
Integrated DC KW-HRS	1.9635
Manufacturer Fuel Economy	26.282

**Charge Depleting Bag/Phase #2**

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
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Manufacturer Fuel Economy	27.666																		
<b>Charge Depleting Bag/Phase #3</b>																			
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Manufacturer Fuel Economy	23.48																		
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Manufacturer Fuel Economy	33.096																		
<b>Charge Depleting Bag/Phase #5</b>																			
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Drive Trace Inertia Work Ratio Rating	-2.1																		
Integrated DC KW-HRS	1.6283																		
Manufacturer Fuel Economy	21.786																		
<b>Charge Depleting Bag/Phase #6</b>																			

## Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.26
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.98
Drive Trace Energy Economy Rating	-0.27
Drive Trace Inertia Work Ratio Rating	2.56
Integrated DC KW-HRS	2.6661
Manufacturer Fuel Economy	25.985

**Charge Depleting Bag/Phase #7**

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.475
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.77
Drive Trace Energy Economy Rating	-2.2
Drive Trace Inertia Work Ratio Rating	-2.17
Integrated DC KW-HRS	1.6682
Manufacturer Fuel Economy	22.317

**Charge Depleting Bag/Phase #8**

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	29.895
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	2.47
Drive Trace Energy Economy Rating	-0.29
Drive Trace Inertia Work Ratio Rating	4.97
Integrated DC KW-HRS	10.2047
Manufacturer Fuel Economy	34.135

**Manufacturer Test Comments**

MACAN Turbo FEDV1. Internal Test Number: 25032073

### Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--						
<b>Emission Data Vehicle Information</b>									
<b>Vehicle ID / Configuration</b>	ECFE-XABT-26 / 1	<b>Manufacturer Vehicle Configuration Number</b>	0						
<b>Original Test Group Name</b>	TPRXT00.0EMT	<b>Original Evaporative/Refueling Family</b>	--						
<b>Original Test Vehicle Model Year</b>	2026								
<b>Vehicle Model</b>									
<b>Represented Test Vehicle Make</b>	Porsche	<b>Represented Test Vehicle Model</b>	Macan Turbo electric						
<b>Leak Family Details</b>									
<b>Leak Family Identifier</b>	--	<b>Leak Family Name</b>	--						
<b>Drive Sources and Fuel System Details</b>									
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Drive Source and Fuel#	Drive Source	Fuel							
1	Electric Motor	Electricity							
<b>Hybrid Indicator</b>	No								
<b>Multiple Fuel Storage</b>	--	<b>Multiple Fuel Combustion</b>	--						
<b>Fuel Cell Indicator</b>	No	<b>Rechargeable Energy Storage System Indicator</b>	Yes						
<b>Rechargeable Energy Storage System</b>	Battery(s)	<b>Rechargeable Energy Storage System, if 'Other'</b>	--						
<b>Off-board charge Capable Indicator</b>	Yes								
<b>Odometer Correction -- Initial</b>	0	<b>Odometer Correction Factor</b>	0.998						
<b>Odometer Correction Sign</b>	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
<b>Odometer Correction Units</b>	Miles								
<b>Engine Code</b>	EBZ-ECM	<b>Rated Horsepower</b>	576						
<b>Displacement (liters)</b>	0.001								
<b>Air Aspiration Method</b>	Naturally Aspirated	<b>Air Aspiration Method, if 'Other'</b>							
<b>Number of Air Aspiration Devices</b>	--	<b>Air Aspiration Device Configuration</b>	--						
<b>Charge Air Cooler Type</b>	N/A	<b>Drive Mode While Testing</b>	All Wheel Drive						
<b>Shift Indicator Light Usage</b>	Not equipped	<b>Aged Emission Components</b>	4,000 (mi)						
<b>Curb Weight (lbs)</b>	5560	<b>Equivalent Test Weight (pounds)</b>	6000						
<b>GVWR (lbs)</b>	6504	<b>N/V Ratio</b>	103.4						
<b>Axle Ratio</b>	9								
<b>Transmission Type</b>	Automatic	<b># of Transmission Gears</b>	1						
<b>Transmission Lockup</b>	No	<b>Creeper Gear</b>	No						
<b>Dynamometer Coefficients:</b>									
<b>Target Coefficients</b>			<b>Set Coefficients</b>						
<b>Coefficient Category</b>	<b>A (lbf)</b>	<b>B (lbf/mph)</b>	<b>C (lbf/mph**2)</b>						
<b>EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients</b>									
<b>City/Highway/Evap</b>	41	0.2044	0.02208						
	-6.05	0.2077	0.01745						
			14.2						
<b>Emission Control Device Comments</b>	BEV								

### Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--
<b>Manufacturer Test Vehicle Comments</b>	Macan Turbo electric; Porsche Internal Name SEP841, FEDV2.		

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
<b>Test #</b>	<b>TPRX10092196</b>	<b>Test Procedure</b>	<b>77 - Multi-Cycle Test (MCT)</b>
<b>Exhaust Test # for this Evap Test</b>	--	<b>Test Fuel Type</b>	62 - Electricity
<b>Test Date</b>	08/07/2025	<b>Fuel</b>	N/A
<b>Fuel Batch ID</b>	--	<b>Fuel Calibration Number</b>	--
<b>Vehicle Class</b>	N/A	<b>DF Type</b>	Mfr. Determined
<b>Verify Test Lab ID</b>	Porsche AG, Labs and Engineering		
<b>E10 Evaporative Test Measurement Method</b>	--		
<b>Test Start Odometer Reading</b>	2807	<b>Odometer Units</b>	M
<b>4WD Test Dyno</b>	Yes	<b>Diesel Adjustment Factor Usage</b>	--
<b>State of Charge Delta</b>	Yes		
<b>Drive Cycle Speed Tolerance Criteria</b>	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	<b>Road Speed Fan Usage</b>	Yes
<b>PHEV/EV Charge Depleting Test Information</b>			
<b>Recharge Event Voltage</b>	240	<b>Recharge Event Energy (kiloWatt-hours)</b>	107.0625
<b>Charge Depleting Range (Calculated miles)</b>	449.786	<b>Charge Depleting Range (Actual miles)</b>	449.786
<b>Charge Depleting Range Highway (Calculated miles)</b>	383.368	<b>Derived 5-Cycle Coefficient Model Year</b>	--
<b>All Electric Range Unadjusted (miles)</b>	--	<b>Equivalent All Electric Range (miles)</b>	449.786
<b>Number of Charge Depleting Bags/Phases Conducted</b>	8	<b>Transition Bag/Phase Number</b>	--
<b>Charge Depleting Bag/Phase #1</b>			
<b>Test Result/Emission Name</b>		<b>Unrounded Test Result</b>	
Actual Distance Driven (miles)		7.441	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-1.73	
Drive Trace Energy Economy Rating		-1.95	
Drive Trace Inertia Work Ratio Rating		-2.61	
Integrated DC KW-HRS		1.8037	
Manufacturer Fuel Economy		24.24	
<b>Charge Depleting Bag/Phase #2</b>			

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	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>10.253</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>2.26</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.27</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>2.5</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.6423</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>25.771</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.253	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	2.26	Drive Trace Energy Economy Rating	0.27	Drive Trace Inertia Work Ratio Rating	2.5	Integrated DC KW-HRS	2.6423	Manufacturer Fuel Economy	25.771
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<b>Charge Depleting Bag/Phase #4</b>																			
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<b>Charge Depleting Bag/Phase #5</b>																			
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Integrated DC KW-HRS	1.5343																		
Manufacturer Fuel Economy	20.614																		
<b>Charge Depleting Bag/Phase #6</b>																			

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
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Manufacturer Fuel Economy	24.211																		
<b>Charge Depleting Bag/Phase #7</b>																			
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<b>Charge Depleting Bag/Phase #8</b>																			
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Integrated DC KW-HRS	10.6864																		
Manufacturer Fuel Economy	31.456																		
<b>Manufacturer Test Comments</b>	MACAN Turbo FEDV2. Internal Test Number: 25024221																		

### Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--						
<b>Emission Data Vehicle Information</b>									
<b>Vehicle ID / Configuration</b>	ECFE-XABT-26 / 2	<b>Manufacturer Vehicle Configuration Number</b>	0						
<b>Original Test Group Name</b>	TPRXT00.0EMT	<b>Original Evaporative/Refueling Family</b>	--						
<b>Original Test Vehicle Model Year</b>	2026								
<b>Vehicle Model</b>									
<b>Represented Test Vehicle Make</b>	Porsche	<b>Represented Test Vehicle Model</b>	Macan Turbo electric						
<b>Leak Family Details</b>									
<b>Leak Family Identifier</b>	--	<b>Leak Family Name</b>	--						
<b>Drive Sources and Fuel System Details</b>									
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Drive Source and Fuel#	Drive Source	Fuel							
1	Electric Motor	Electricity							
<b>Hybrid Indicator</b>	No	<b>Multiple Fuel Combustion</b>	--						
<b>Multiple Fuel Storage</b>	--	<b>Rechargeable Energy Storage System Indicator</b>	Yes						
<b>Fuel Cell Indicator</b>	No	<b>Rechargeable Energy Storage System, if 'Other'</b>	--						
<b>Rechargeable Energy Storage System</b>	Battery(s)								
<b>Off-board charge Capable Indicator</b>	Yes	<b>Odometer Correction Factor</b>	0.998						
<b>Odometer Correction -- Initial</b>	0								
<b>Odometer Correction Sign</b>	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
<b>Odometer Correction Units</b>	Miles								
<b>Engine Code</b>	EBZ-ECM	<b>Rated Horsepower</b>	576						
<b>Displacement (liters)</b>	0.001								
<b>Air Aspiration Method</b>	Naturally Aspirated	<b>Air Aspiration Method, if 'Other'</b>							
<b>Number of Air Aspiration Devices</b>	--	<b>Air Aspiration Device Configuration</b>	--						
<b>Charge Air Cooler Type</b>	N/A	<b>Drive Mode While Testing</b>	All Wheel Drive						
<b>Shift Indicator Light Usage</b>	Not equipped	<b>Aged Emission Components</b>	4,000 (mi)						
<b>Curb Weight (lbs)</b>	5551	<b>Equivalent Test Weight (pounds)</b>	6000						
<b>GVWR (lbs)</b>	6504	<b>N/V Ratio</b>	103.4						
<b>Axle Ratio</b>	9								
<b>Transmission Type</b>	Automatic	<b># of Transmission Gears</b>	1						
<b>Transmission Lockup</b>	No	<b>Creeper Gear</b>	No						
<b>Dynamometer Coefficients:</b>									
<b>Target Coefficients</b>			<b>Set Coefficients</b>						
<b>Coefficient Category</b>	<b>A (lbf)</b>	<b>B (lbf/mph)</b>	<b>C (lbf/mph**2)</b>						
<b>EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients</b>									
<b>City/Highway/Evap</b>	39	0.2044	0.02067						
	-8.4	0.2187	0.01598						
			13.5						
<b>Emission Control Device Comments</b>	BEV								

### Certification Summary Information Report

<b>Test Group</b>	TPRXT00.0EMT	<b>Evaporative/Refueling Family</b>	--
<b>Manufacturer Test Vehicle Comments</b>	Macan Turbo electric; Porsche Internal Name SEP841, FEDV3.		

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
<b>Test #</b>	<b>TPRX10092197</b>	<b>Test Procedure</b>	<b>77 - Multi-Cycle Test (MCT)</b>
<b>Exhaust Test # for this Evap Test</b>	--	<b>Test Fuel Type</b>	62 - Electricity
<b>Test Date</b>	08/12/2025	<b>Fuel</b>	N/A
<b>Fuel Batch ID</b>	--	<b>Fuel Calibration Number</b>	--
<b>Vehicle Class</b>	N/A	<b>DF Type</b>	Mfr. Determined
<b>Verify Test Lab ID</b>	Porsche AG, Labs and Engineering		
<b>E10 Evaporative Test Measurement Method</b>	--		
<b>Test Start Odometer Reading</b>	3140	<b>Odometer Units</b>	M
<b>4WD Test Dyno</b>	Yes	<b>Diesel Adjustment Factor Usage</b>	--
<b>State of Charge Delta</b>	Yes		
<b>Drive Cycle Speed Tolerance Criteria</b>	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	<b>Road Speed Fan Usage</b>	Yes
<b>PHEV/EV Charge Depleting Test Information</b>			
<b>Recharge Event Voltage</b>	240	<b>Recharge Event Energy (kiloWatt-hours)</b>	107.0827
<b>Charge Depleting Range (Calculated miles)</b>	465.153	<b>Charge Depleting Range (Actual miles)</b>	465.153
<b>Charge Depleting Range Highway (Calculated miles)</b>	399.4	<b>Derived 5-Cycle Coefficient Model Year</b>	--
<b>All Electric Range Unadjusted (miles)</b>	--	<b>Equivalent All Electric Range (miles)</b>	465.153
<b>Number of Charge Depleting Bags/Phases Conducted</b>	8	<b>Transition Bag/Phase Number</b>	--
<b>Charge Depleting Bag/Phase #1</b>			
<b>Test Result/Emission Name</b>		<b>Unrounded Test Result</b>	
Actual Distance Driven (miles)		7.443	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-1.68	
Drive Trace Energy Economy Rating		-2.08	
Drive Trace Inertia Work Ratio Rating		-2.61	
Integrated DC KW-HRS		1.8483	
Manufacturer Fuel Economy		24.833	
<b>Charge Depleting Bag/Phase #2</b>			

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
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Manufacturer Fuel Economy	24.788																		
<b>Charge Depleting Bag/Phase #3</b>																			
<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>7.443</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-1.75</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-2.13</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-2.7</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.5888</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>21.346</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.443	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-1.75	Drive Trace Energy Economy Rating	-2.13	Drive Trace Inertia Work Ratio Rating	-2.7	Integrated DC KW-HRS	1.5888	Manufacturer Fuel Economy	21.346
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<b>Charge Depleting Bag/Phase #4</b>																			
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Test Result/Emission Name	Unrounded Test Result																		
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Integrated DC KW-HRS	73.2867																		
Manufacturer Fuel Economy	29.103																		
<b>Charge Depleting Bag/Phase #5</b>																			
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Integrated DC KW-HRS	1.4723																		
Manufacturer Fuel Economy	19.778																		
<b>Charge Depleting Bag/Phase #6</b>																			

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
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Manufacturer Fuel Economy	23.016																		
<b>Charge Depleting Bag/Phase #7</b>																			
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Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.444																		
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Drive Trace Inertia Work Ratio Rating	-2.63																		
Integrated DC KW-HRS	1.5029																		
Manufacturer Fuel Economy	20.189																		
<b>Charge Depleting Bag/Phase #8</b>																			
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Drive Trace Inertia Work Ratio Rating	16.07																		
Integrated DC KW-HRS	10.8634																		
Manufacturer Fuel Economy	29.827																		
<b>Manufacturer Test Comments</b>	MACAN Turbo FEDV3. Internal Test Number: 25031760																		
<b>Fuel Properties</b>																			

### Certification Summary Information Report

<b>Test Group</b>		TPRXT00.0EMT			<b>Evaporative/Refueling Family</b>			--		
<b>Consolidated List of Standards</b>										
<b>Exhaust Standards</b>										
<b>Cert Region</b>		Federal			<b>Cert/In-Use Code</b>			Cert		
<b>Vehicle Class</b>		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			<b>Standard Level</b>			Federal Tier 3 Bin 0		
<b>Fuel</b>		Electricity			<b>Test Procedure</b>			Federal fuel 2-day exhaust (w/can load)		
<b>Useful Life</b>	<b>Emission Name</b>	<b>Rounded Result</b>	<b>RAF</b>	<b>NMOG / NMHC</b>	<b>Upward Diesel Adjustment Factor</b>	<b>Downward Diesel Adjustment Factor</b>	<b>Mult DF</b>	<b>Add DF</b>	<b>Std</b>	
150,000 miles	CO	--	--	--	--	--	1	--	0.0	
<b>Exhaust Standards</b>										
<b>Cert Region</b>		California + CAA Section 177 states			<b>Cert/In-Use Code</b>			Cert		
<b>Vehicle Class</b>		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			<b>Standard Level</b>			California ZEV		
<b>Fuel</b>		Electricity			<b>Test Procedure</b>			Federal fuel 2-day exhaust (w/can load)		
<b>Useful Life</b>	<b>Emission Name</b>	<b>Rounded Result</b>	<b>RAF</b>	<b>NMOG / NMHC</b>	<b>Upward Diesel Adjustment Factor</b>	<b>Downward Diesel Adjustment Factor</b>	<b>Mult DF</b>	<b>Add DF</b>	<b>Std</b>	
150,000 miles	CO	--	--	--	--	--	1	--	0.0	
<b>Exhaust Standards</b>										
<b>Cert Region</b>		California + CAA Section 177 states			<b>Cert/In-Use Code</b>			Cert		
<b>Vehicle Class</b>		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			<b>Standard Level</b>			California ZEV		
<b>Fuel</b>		Electricity			<b>Test Procedure</b>			Charge Depleting Highway		
<b>Useful Life</b>	<b>Emission Name</b>	<b>Rounded Result</b>	<b>RAF</b>	<b>NMOG / NMHC</b>	<b>Upward Diesel Adjustment Factor</b>	<b>Downward Diesel Adjustment Factor</b>	<b>Mult DF</b>	<b>Add DF</b>	<b>Std</b>	
120,000 miles	CREE	--	--	--	--	--	1	--	0.0	
150,000 miles	CO	--	--	--	--	--	1	--	0.0	

### Certification Summary Information Report

<b>Test Group</b>		TPRXT00.0EMT			<b>Evaporative/Refueling Family</b>			--		
<b>Cert Region</b>		Federal			<b>Cert/In-Use Code</b>			Cert		
<b>Vehicle Class</b>		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			<b>Standard Level</b>			Federal Tier 3 Bin 0		
<b>Fuel</b>		Electricity			<b>Test Procedure</b>			Charge Depleting Highway		
<b>Useful Life</b>	<b>Emission Name</b>	<b>Rounded Result</b>	<b>RAF</b>	<b>NMOG / NMHC</b>	<b>Upward Diesel Adjustment Factor</b>	<b>Downward Diesel Adjustment Factor</b>	<b>Mult DF</b>	<b>Add DF</b>	<b>Std</b>	
120,000 miles	CREE	--	--	--	--	--	1	--	0.0	
150,000 miles	CO	--	--	--	--	--	1	--	0.0	

  

<b>Cert Region</b>		Federal			<b>Cert/In-Use Code</b>			Cert		
<b>Vehicle Class</b>		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			<b>Standard Level</b>			Federal Tier 3 Bin 0		
<b>Fuel</b>		Electricity			<b>Test Procedure</b>			Charge Depleting UDSS		
<b>Useful Life</b>	<b>Emission Name</b>	<b>Rounded Result</b>	<b>RAF</b>	<b>NMOG / NMHC</b>	<b>Upward Diesel Adjustment Factor</b>	<b>Downward Diesel Adjustment Factor</b>	<b>Mult DF</b>	<b>Add DF</b>	<b>Std</b>	
120,000 miles	CREE	--	--	--	--	--	1	--	0.0	
150,000 miles	CO	--	--	--	--	--	1	--	0.0	

  

<b>Cert Region</b>		California + CAA Section 177 states			<b>Cert/In-Use Code</b>			Cert		
<b>Vehicle Class</b>		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			<b>Standard Level</b>			California ZEV		
<b>Fuel</b>		Electricity			<b>Test Procedure</b>			Charge Depleting UDSS		
<b>Useful Life</b>	<b>Emission Name</b>	<b>Rounded Result</b>	<b>RAF</b>	<b>NMOG / NMHC</b>	<b>Upward Diesel Adjustment Factor</b>	<b>Downward Diesel Adjustment Factor</b>	<b>Mult DF</b>	<b>Add DF</b>	<b>Std</b>	
120,000 miles	CREE	--	--	--	--	--	1	--	0.0	
150,000 miles	CO	--	--	--	--	--	1	--	0.0	

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
<b>Glossary</b>			
<b>Useful Life</b>			
4	4,000 miles	120	120,000 miles
50	50,000 miles	150	150,000 miles
100	100,000 miles		
<b>Emission Name</b>			
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		TPRXT00.0EMT	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	
<b>Certification Region</b>					
CA	California + CAA Section 177 states		FA	Federal	
<b>Exhaust Emission Standard Level</b>					
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	TPRXT00.0EMT	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		
<b>Transmission Type Code</b>			
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)
<b>Drive System Code</b>			
4	4-Wheel Drive	P	Part-time 4-Wheel Drive

## Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family		--
F	2-Wheel Drive, Front	A	All Wheel Drive	
R	2-Wheel Drive, Rear			
<b>Additional Terms and Acronyms</b>				
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	