Certification Summary Information Report

Manufacturer	Mercedes Benz	**Manufacturer Code**	MBX
Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--
Certificate Number	VMBXV00.0ED8-031	**CARB Executive Order #**	--
Certificate Issue Date	08/28/2026	**Certificate Revision Date**	--
Certificate Effective Date	08/28/2026	**Conditional Certificate**	No
CSI Revision #	--	**CSI Submission/Revision Date**	08/13/2026 09:43:48 AM
Model Year	2027		

Test Group Information

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

Drive Sources and Fuel(s)

Drive Source #1: Electric Motor

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Electricity	--	--

Hybrid Indicator	No		
Multiple Fuel Storage	--	**Rechargeable Energy Storage System Indicator**	Yes
Multiple Fuel Combustion	--	**Off-board Charge Capable Indicator**	Yes
Fuel Cell Indicator	No	**EPA Vehicle Class**	LDV
Federal Clean Fuel Vehicle	Yes	**Federal Clean Fuel Vehicle Standard**	ZEV
Federal Clean Fuel Vehicle ILEV	Yes	**California Partial Zero Emissions Vehicle Indicator**	No
Durability Group Name	VMBXEEVNNED1	**Durability Group Equivalency Factor**	1.0
Reduced Fee Test Group	No	**Certification Region Code(s)**	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	08/31/2026	**CAP2000 Conditional Certificate?**	No
Independent Commercial Importer?	No	**Alternative Fuel Converter Certificate?**	No
SFTP Federal Composite Compliance Identifier	Not Applicable	**SFTP Tier 2 Composite CO Option**	--
SFTP LEV-III Composite Compliance Indicator	No		
OBD Compliance Type	CARB	**OBD Demonstration Vehicle Test Group**	VMBXV00.0ED8
Test Group OBD Compliance Level	Full - no deficiencies	**Number of Test Group OBD Deficiencies**	0
OBD Deficiencies Comments	This is a Zero Emission Test Group.		
Mfr Test Group Comments	Sales: Federal = Nationwide (50 states) / CA = CA + 177 States		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Models Covered by this Certificate

Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Mercedes Benz	1 - Mercedes-Benz	962 - GLC 400 4MATIC electric (ST)	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Mercedes Benz	1 - Mercedes-Benz	961 - GLC 400 4MATIC electric	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Mercedes Benz	1 - Mercedes-Benz	962 - GLC 400 4MATIC electric (ST)	Federal	All Wheel Drive	Automatic	1	No
Mercedes Benz	1 - Mercedes-Benz	961 - GLC 400 4MATIC electric	Federal	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	--	--	--	--	--	--	--	--	--	--

Certification Summary Information Report

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Hybrid Electric Vehicle And Fuel Cell Information

Rechargable Energy Storage System	Battery(s)	**Rechargable Energy Storage System, if Other**	--
Battery Type	Lithium Ion	**Number of Battery Packs**	4
Total Voltage of Battery Packs	700	**Battery Energy Capacity**	141
Battery Specific Energy	181	**Battery Charger Type**	On-Board
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)	2		
Motor/Generator Type 1	PSM	**Rated Motor/Generator Power**	163
Motor/Generator Type 2	PSM	**Rated Motor/Generator Power**	300
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	**Usable H2 Fill Capacity (kg)**	--
Mfr Hybrid Electric/ Electric Vehicle Comments	--		

Certification Summary Information Report

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Emission Data Vehicle Information

Vehicle ID / Configuration	X540PSM140Rf-Z2794 / 0	**Manufacturer Vehicle Configuration Number**	0
Original Test Group Name	VMBXV00.0ED8	**Original Evaporative/Refueling Family**	--
Original Test Vehicle Model Year	2027		

Vehicle Model

Represented Test Vehicle Make	Mercedes-Benz	**Represented Test Vehicle Model**	GLC 400 4MATIC electric

Leak Family Details

Leak Family Identifier	--	**Leak Family Name**	--

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	25	**Odometer Correction Factor**	1
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles		
Odometer Correction Units	Miles		
Engine Code	PSM140-PSM270	**Rated Horsepower**	483
Displacement (liters)	0.001		
Air Aspiration Method	Naturally Aspirated	**Air Aspiration Method, if 'Other'**	
Number of Air Aspiration Devices	0	**Air Aspiration Device Configuration**	--
Charge Air Cooler Type	--	**Drive Mode While Testing**	All Wheel Drive
Shift Indicator Light Usage	Not eqipped	**Aged Emission Components**	4,000 (mi)
Curb Weight (lbs)	5633	**Equivalent Test Weight (pounds)**	6000
GVWR (lbs)	6702	**N/V Ratio**	59.2
Axle Ratio	1		
Transmission Type	Automatic	**# of Transmission Gears**	2
Transmission Lockup	Yes	**Creeper Gear**	No

Dynamometer Coefficients:

	Target Coefficients			Set Coefficients			
Coefficient Category	**A (lbf)**	**B (lbf/mph)**	**C (lbf/mph**2)**	**A (lbf)**	**B (lbf/mph)**	**C (lbf/mph**2)**	**EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients**
City/Highway/Evap	36.19	0.0723	0.02037	0	0	0.02037	12.1

Emission Control Device Comments --

Certification Summary Information Report

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Manufacturer Test Vehicle Comments 265/45 R20 - The dyno match was calculated using the fix run method per SAE J2264

Certification Summary Information Report

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Test #	**VMBX10094538**	**Test Procedure**	**77 - Multi-Cycle Test (MCT)**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	06/05/2026	**Fuel**	N/A
Fuel Batch ID	--	**Fuel Calibration Number**	--
Vehicle Class	N/A	**DF Type**	Mfr. Determined
Verify Test Lab ID	3953 Research Park Drive		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	2471	**Odometer Units**	M
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)**	109.673
Charge Depleting Range (Calculated miles)	480.9	**Charge Depleting Range (Actual miles)**	480.9
Charge Depleting Range Highway (Calculated miles)	448.3	**Derived 5-Cycle Coefficient Model Year**	--
All Electric Range Unadjusted (miles)	--	**Equivalent All Electric Range (miles)**	480.9
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)	7.4288106
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.313
Drive Trace Energy Economy Rating	-0.099
Drive Trace Inertia Work Ratio Rating	0.109
Integrated DC KW-HRS	1.786942
Manufacturer Fuel Economy	24.0542134

Charge Depleting Bag/Phase #2

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.243255
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.506
Drive Trace Energy Economy Rating	-0.51
Drive Trace Inertia Work Ratio Rating	1.916
Integrated DC KW-HRS	2.2972761
Manufacturer Fuel Economy	22.4272084

Charge Depleting Bag/Phase #3

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.4398995
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.452
Drive Trace Energy Economy Rating	-0.465
Drive Trace Inertia Work Ratio Rating	-0.702
Integrated DC KW-HRS	1.5638743
Manufacturer Fuel Economy	21.0200994

Charge Depleting Bag/Phase #4

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	265.6132777
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated DC KW-HRS	73.1856364
Manufacturer Fuel Economy	27.5534555

Charge Depleting Bag/Phase #5

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.4423485
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.876
Drive Trace Energy Economy Rating	-0.121
Drive Trace Inertia Work Ratio Rating	0.804
Integrated DC KW-HRS	1.5011548
Manufacturer Fuel Economy	20.1704453

Charge Depleting Bag/Phase #6

Certification Summary Information Report

Test Group	VMBXV00.0ED8	Evaporative/Refueling Family	--

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.2390535
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.922
Drive Trace Energy Economy Rating	-0.11
Drive Trace Inertia Work Ratio Rating	5.734
Integrated DC KW-HRS	2.2331624
Manufacturer Fuel Economy	21.8102427

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.4534125
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.783
Drive Trace Energy Economy Rating	3.112
Drive Trace Inertia Work Ratio Rating	7.091
Integrated DC KW-HRS	1.5255715
Manufacturer Fuel Economy	20.4680936

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	54.927478
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated DC KW-HRS	15.0635323
Manufacturer Fuel Economy	27.4244018

Manufacturer Test Comments --

Certification Summary Information Report

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Emission Data Vehicle Information

Vehicle ID / Configuration	X540PSM140Rf-Z2794 / 1	**Manufacturer Vehicle Configuration Number**	1
Original Test Group Name	VMBXV00.0ED8	**Original Evaporative/Refueling Family**	--
Original Test Vehicle Model Year	2027		

Vehicle Model

Represented Test Vehicle Make	Mercedes-Benz	**Represented Test Vehicle Model**	GLC 400 4MATIC electric

Leak Family Details

Leak Family Identifier	--	**Leak Family Name**	--

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	25	**Odometer Correction Factor**	1
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles		
Odometer Correction Units	Miles		
Engine Code	PSM140-PSM270	**Rated Horsepower**	483
Displacement (liters)	0.001		
Air Aspiration Method	Naturally Aspirated	**Air Aspiration Method, if 'Other'**	
Number of Air Aspiration Devices	0	**Air Aspiration Device Configuration**	--
Charge Air Cooler Type	--	**Drive Mode While Testing**	All Wheel Drive
Shift Indicator Light Usage	Not eqipped	**Aged Emission Components**	4,000 (mi)
Curb Weight (lbs)	5633	**Equivalent Test Weight (pounds)**	6000
GVWR (lbs)	6702	**N/V Ratio**	59.2
Axle Ratio	1		
Transmission Type	Automatic	**# of Transmission Gears**	2
Transmission Lockup	Yes	**Creeper Gear**	No

Dynamometer Coefficients:

	Target Coefficients			Set Coefficients			
Coefficient Category	**A (lbf)**	**B (lbf/mph)**	**C (lbf/mph**2)**	**A (lbf)**	**B (lbf/mph)**	**C (lbf/mph**2)**	**EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients**
City/Highway/Evap	36.19	0.0723	0.01938	8.03	-0.06597	0.018634	11.8

Emission Control Device Comments --

Certification Summary Information Report

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Manufacturer Test Vehicle Comments 265/45 R20 - The dyno match was calculated using the fix run method per SAE J2264

Certification Summary Information Report

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Test #	**VMBX10095284**	**Test Procedure**	**77 - Multi-Cycle Test (MCT)**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	08/04/2026	**Fuel**	N/A
Fuel Batch ID	--	**Fuel Calibration Number**	--
Vehicle Class	N/A	**DF Type**	Mfr. Determined
Verify Test Lab ID	3953 Research Park Drive		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5612	**Odometer Units**	M
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	248.9	**Recharge Event Energy (kiloWatt-hours)**	108.921
Charge Depleting Range (Calculated miles)	488.926	**Charge Depleting Range (Actual miles)**	488.926
Charge Depleting Range Highway (Calculated miles)	453.097	**Derived 5-Cycle Coefficient Model Year**	--
All Electric Range Unadjusted (miles)	--	**Equivalent All Electric Range (miles)**	488.926
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)	7.44
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	2.09
Drive Trace Energy Economy Rating	1.321
Drive Trace Inertia Work Ratio Rating	3.029
Integrated DC KW-HRS	1.6075003
Manufacturer Fuel Economy	21.6062

Charge Depleting Bag/Phase #2

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.24
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	4.08
Drive Trace Energy Economy Rating	1.025
Drive Trace Inertia Work Ratio Rating	5.053
Integrated DC KW-HRS	2.2579219
Manufacturer Fuel Economy	22.05

Charge Depleting Bag/Phase #3

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.43
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	2.02
Drive Trace Energy Economy Rating	1.629
Drive Trace Inertia Work Ratio Rating	2.998
Integrated DC KW-HRS	1.5322497
Manufacturer Fuel Economy	20.6225

Charge Depleting Bag/Phase #4

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	293.6
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated DC KW-HRS	79.559338
Manufacturer Fuel Economy	27.0979

Charge Depleting Bag/Phase #5

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.43
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	2.2
Drive Trace Energy Economy Rating	1.872
Drive Trace Inertia Work Ratio Rating	3.596
Integrated DC KW-HRS	1.4793941
Manufacturer Fuel Economy	19.9111

Charge Depleting Bag/Phase #6

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.24
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	9.06
Drive Trace Energy Economy Rating	1.622
Drive Trace Inertia Work Ratio Rating	11.718
Integrated DC KW-HRS	2.2029243
Manufacturer Fuel Economy	21.5129

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.42
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	2.21
Drive Trace Energy Economy Rating	1.37
Drive Trace Inertia Work Ratio Rating	3.353
Integrated DC KW-HRS	1.4804196
Manufacturer Fuel Economy	19.9517

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	31.83
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated DC KW-HRS	8.5714714
Manufacturer Fuel Economy	26.9289

Manufacturer Test Comments EPA confirmatory MCT at the NVFEL, not Mercedes-Benz laboratory.

Certification Summary Information Report

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Emission Data Vehicle Information

Vehicle ID / Configuration	X540PSM140Rf-Z2794-1 / 0	**Manufacturer Vehicle Configuration Number**	0
Original Test Group Name	VMBXV00.0ED8	**Original Evaporative/Refueling Family**	--
Original Test Vehicle Model Year	2027		

Vehicle Model

Represented Test Vehicle Make	Mercedes-Benz	**Represented Test Vehicle Model**	GLC 400 4MATIC electric

Leak Family Details

Leak Family Identifier	--	**Leak Family Name**	--

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	25	**Odometer Correction Factor**	1
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles		
Odometer Correction Units	Miles		
Engine Code	PSM140-PSM270	**Rated Horsepower**	483
Displacement (liters)	0.001		
Air Aspiration Method	Naturally Aspirated	**Air Aspiration Method, if 'Other'**	
Number of Air Aspiration Devices	0	**Air Aspiration Device Configuration**	--
Charge Air Cooler Type	--	**Drive Mode While Testing**	All Wheel Drive
Shift Indicator Light Usage	Not eqipped	**Aged Emission Components**	4,000 (mi)
Curb Weight (lbs)	5633	**Equivalent Test Weight (pounds)**	6000
GVWR (lbs)	6702	**N/V Ratio**	59.2
Axle Ratio	1		
Transmission Type	Automatic	**# of Transmission Gears**	2
Transmission Lockup	Yes	**Creeper Gear**	No

Dynamometer Coefficients:

	Target Coefficients			Set Coefficients			
Coefficient Category	**A (lbf)**	**B (lbf/mph)**	**C (lbf/mph**2)**	**A (lbf)**	**B (lbf/mph)**	**C (lbf/mph**2)**	**EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients**
City/Highway/Evap	31.25	0.0723	0.01938	4.02	-0.10522	0.019135	11.1

Emission Control Device Comments --

Certification Summary Information Report

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Manufacturer Test Vehicle Comments 265/45 R20 - The dyno match was calculated using the fix run method per SAE J2264

Certification Summary Information Report

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Test #	**VMBX10094966**	**Test Procedure**	**77 - Multi-Cycle Test (MCT)**
Exhaust Test # for this Evap Test	--	**Test Fuel Type**	62 - Electricity
Test Date	07/14/2026	**Fuel**	N/A
Fuel Batch ID	--	**Fuel Calibration Number**	--
Vehicle Class	N/A	**DF Type**	Mfr. Determined
Verify Test Lab ID	3953 Research Park Drive		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	5177	**Odometer Units**	M
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)**	110.13
Charge Depleting Range (Calculated miles)	516.4	**Charge Depleting Range (Actual miles)**	516.4
Charge Depleting Range Highway (Calculated miles)	481.6	**Derived 5-Cycle Coefficient Model Year**	--
All Electric Range Unadjusted (miles)	--	**Equivalent All Electric Range (miles)**	516.4
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)	7.4200829
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.134
Drive Trace Energy Economy Rating	-0.919
Drive Trace Inertia Work Ratio Rating	-0.25
Integrated DC KW-HRS	1.564814
Manufacturer Fuel Economy	21.0889015

Charge Depleting Bag/Phase #2

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.2371148
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-0.172
Drive Trace Energy Economy Rating	-0.417
Drive Trace Inertia Work Ratio Rating	-0.238
Integrated DC KW-HRS	2.1293889
Manufacturer Fuel Economy	20.8006746

Charge Depleting Bag/Phase #3

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.4086313
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.081
Drive Trace Energy Economy Rating	-0.212
Drive Trace Inertia Work Ratio Rating	0.143
Integrated DC KW-HRS	1.4532583
Manufacturer Fuel Economy	19.6157465

Charge Depleting Bag/Phase #4

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	284.7490404
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated DC KW-HRS	72.9260389
Manufacturer Fuel Economy	25.6106355

Charge Depleting Bag/Phase #5

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.4494156
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.413
Drive Trace Energy Economy Rating	0.891
Drive Trace Inertia Work Ratio Rating	2.236
Integrated DC KW-HRS	1.3944146
Manufacturer Fuel Economy	18.7184425

Charge Depleting Bag/Phase #6

Test Group	VMBXV00.0ED8	Evaporative/Refueling Family	--

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.2709085
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.491
Drive Trace Energy Economy Rating	-0.009
Drive Trace Inertia Work Ratio Rating	1.088
Integrated DC KW-HRS	2.0799863
Manufacturer Fuel Economy	20.2512401

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.439822
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.448
Drive Trace Energy Economy Rating	0.748
Drive Trace Inertia Work Ratio Rating	1.944
Integrated DC KW-HRS	1.4134271
Manufacturer Fuel Economy	18.9981304

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	62.5747705
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0
Drive Trace Energy Economy Rating	0
Drive Trace Inertia Work Ratio Rating	0
Integrated DC KW-HRS	15.8945569
Manufacturer Fuel Economy	25.4009033

Manufacturer Test Comments --

Fuel Properties

Certification Summary Information Report

Test Group	VMBXV00.0ED8	**Evaporative/Refueling Family**	--

Consolidated List of Standards

Exhaust Standards

Cert Region	Federal	**Cert/In-Use Code**	Both
Vehicle Class	LDV/Passenger Car	**Standard Level**	Federal Tier 4 Bin 0
Fuel	Electricity	**Test Procedure**	CVS 75 and later (w/o can. load)

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
120,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	CO	--	--	--	--	--	--	0	0.0

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Both
Vehicle Class	LDV/Passenger Car	**Standard Level**	California ZEV
Fuel	Electricity	**Test Procedure**	CVS 75 and later (w/o can. load)

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
120,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	CO	--	--	--	--	--	--	0	0.0

Certification Summary Information Report

Test Group	VMBXV00.0ED8	**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	VMBXV00.0ED8	**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	VMBXV00.0ED8	**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	VMBXV00.0ED8	**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