

**REPORT NUMBER: NCAP305I-MGA-2018-006**

**NEW CAR ASSESSMENT PROGRAM (NCAP)  
FMVSS No. 305 Indicant Test**

**MITSUBISHI MOTORS CORPORATION  
2018 Mitsubishi Outlander PHEV SEL 5-Door SUV  
NHTSA No.: O20185600**

**MGA RESEARCH CORPORATION  
5000 Warren Road  
Burlington, WI 53105**



**Test Date: December 18, 2018**

**Report Date: February 7, 2019**

**FINAL REPORT**

**U.S. DEPARTMENT OF TRANSPORTATION  
National Highway Traffic Safety Administration  
Office of Crashworthiness Standards  
Mail Code: NRM-110  
1200 New Jersey Ave, SE  
Room W43-410  
Washington, DC 20590**

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Approval Date: February 7, 2019

FINAL REPORT ACCEPTANCE BY OVSC:

\_\_\_\_\_  
Division Chief, New Car Assessment Program  
NHTSA, Office of Crashworthiness Standards

Date: \_\_\_\_\_

\_\_\_\_\_  
COTR, New Car Assessment Program  
NHTSA, Office of Crashworthiness Standards

Date: \_\_\_\_\_

### Technical Report Documentation Page

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<p>16. Abstract</p> <p>An FMVSS No. 305 Indicant test, in conjunction with an NCAP frontal barrier impact test was conducted on the subject 2018 Mitsubishi Outlander PHEV SEL 5-Door SUV in accordance with the specifications of the applicable Office of Crashworthiness Standards Test Procedures for the generation of consumer information for the New Car Assessment Program (NCAP). No test failures were reported.</p>			
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## **SECTION 1 PURPOSE OF TEST**

An FMVSS No. 305 Indicant test, in conjunction with an NCAP frontal barrier impact test was conducted on the subject 2018 Mitsubishi Outlander PHEV SEL 5-Door SUV.

The Indicant test was conducted in accordance with the Office of Crashworthiness Standards Laboratory Test Procedure, dated January 31, 2012 to determine compliance to the requirements of Federal Motor Vehicle Safety Standard (FMVSS) No. 305, "Electric-Powered Vehicles: Electrolyte Spillage and Electrical Shock Protection" for the purpose of providing consumer information.

This FMVSS No. 305 Indicant test is part of the MY 2018 New Car Assessment Program Test Program, sponsored by the National Highway Traffic Safety Administration (NHTSA), under contract DTNH22-13-D-00311L.

## **SECTION 2 SUMMARY OF TEST RESULTS**

A frontal barrier impact test was performed by MGA Research Corporation on a 2018 Mitsubishi Outlander PHEV SEL 5-Door SUV on December 18, 2018. Electrical isolation measurements were taken immediately post-impact and observations were made related to electrolyte spillage and battery retention. A static rollover was subsequently performed on the subject vehicle and electrical isolation measurements were taken at each stage of the rollover.

Based on the test results, the 2018 Mitsubishi Outlander PHEV SEL 5-Door SUV appears to meet the requirements for electrolyte spillage, electrical isolation, and battery retention during FMVSS No. 305 Indicant testing.

Data sheets, along with pre-test and post-test photographs of the test vehicle, are included in this report to document the test.

### **TEST NOTES**

The vehicle's high-voltage battery did not disconnect from the vehicle propulsion system following the impact event.

MGA does not endorse or certify products. The manufacturer's name appears solely for identification purposes.

**SECTION 3  
DATA SHEETS**

**DATA SHEET 1  
TEST VEHICLE SPECIFICATIONS**

Test Vehicle: 2018 Mitsubishi Outlander PHEV SEL 5-Door SUV NHTSA No.: O20185600

**TEST VEHICLE INFORMATION**

Year/Make/Model/Body Style	2018 Mitsubishi Outlander PHEV SEL 5-Door
NHTSA No.	O20185600
Color	Alloy Silver Metallic
Odometer Reading	192km / 119mi

**DATA FROM CERTIFICATION LABEL**

Manufactured By	MITSUBISHI MOTORS CORPORATION	GVWR (kg)	2370
Date of Manufacture	JAN 2018	GAWR Front (kg)	1160
VIN:	JA4J24A53JZ043299	GAWR Rear (kg)	1270

**ELECTRIC VEHICLE PROPULSION SYSTEM**

Type of Electric Vehicle (Electric/Hybrid):	Hybrid
Electric Energy Storage/Device:	Lithium-Ion (Li-Ion) Battery
Nominal Voltage (V):	300 V
Is this vehicle equipped with an Automatic Propulsion Battery Disconnect?	Yes
Physical Location of the Automatic Propulsion Battery Disconnect:	Physically contained within the Energy Storage System.
Auxiliary Battery Type:	Lead Acid Battery



**DATA SHEET 1 (CONTINUED)  
TEST VEHICLE SPECIFICATIONS**

Test Vehicle: 2018 Mitsubishi Outlander PHEV SEL 5-Door SUV NHTSA No.: O20185600

**ELECTRIC ENERGY STORAGE CONVERSION/DEVICE SYSTEM DATA (COTR SUPPLIED)**

Electrolyte Fluid Type:	Lithium hexafluorophosphate and carbonate ester	
Electrolyte Fluid Specific Gravity:	1.22 (g/mL) at 20°C	
Electrolyte Kinematic Viscosity:	2.1 (cP) at 28.5°C	
Electrolyte Fluid Color:	Clear and colorless	
Electric Energy Storage/Conversion System Coolant Type, Color, Specific Gravity (if applicable):	None	
Location of Battery Modules:	<input type="checkbox"/>	Inside Passenger Compartment
	<input checked="" type="checkbox"/>	Outside Passenger Compartment
	The high-voltage battery is mounted below the occupant compartment.	

**ELECTRIC ENERGY STORAGE CONVERSION/DEVICE STATE OF CHARGE**

<i>For all battery types:</i>	
Voltage range corresponding to <b>useable energy</b> of the battery:	
Minimum State of Charge:	N/A
Maximum State of Charge:	328 V
95% of Maximum State of Charge:	311.6 V
Test Voltage - No less than 95% of maximum State of Charge:	327.3 V
<i>For batteries that are rechargeable ONLY by an energy source on the vehicle:</i>	
Voltage range corresponding to <b>useable energy</b> of the battery:	
Minimum State of Charge:	
Maximum State of Charge:	
Test Voltage – Maximum practicable State of Charge within Normal Operating Range:	

**DATA SHEET 2  
PRE-IMPACT DATA**

Test Vehicle: 2018 Mitsubishi Outlander PHEV SEL 5-Door SUV NHTSA No.: O20185600

**VEHICLE CHASSIS GROUND POINT(S) LOCATION(S)**

Details of Vehicle Chassis Ground Point(s) & Location(s)	Vehicle grounding point located on Front Power Drive Unit
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**ELECTRIC ENERGY STORAGE/CONVERSION TEST POINTS**

Details of Electric Energy Storage/Conversion System Test Points:	Connected at Front Power Drive Unit located in engine compartment
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**DATA SHEET 3  
PRE-IMPACT ELECTRIC ISOLATION MEASUREMENTS & CALCULATIONS**

Test Vehicle: 2018 Mitsubishi Outlander PHEV SEL 5-Door SUV NHTSA No.: O20185600

**VOLTMETER INFORMATION**

Make:	Fluke
Model:	177
Serial Number:	17210161
Internal Impedance Value (MΩ):	> 10 MΩ < 100 pF
Resolution (V):	0.001 Volts
Last Calibration Date:	5/29/2018

**ELECTRIC ENERGY STORAGE/CONVERSION SYSTEM VOLTAGE**

Measurement shall be made with Energy Storage/Conversion System connected to the vehicle propulsion system, and the vehicle in the “ready-to-drive” (propulsion system energized) position.

If voltage measurement is not at the voltage or within the normal operating voltage range specified by the manufacturer, the battery must be charged.

Vb (V):	327.5
---------	-------

**ELECTRIC ENERGY STORAGE/CONVERSION SYSTEM TO VEHICLE CHASSIS**

Vehicle chassis point(s) determined and supplied to contractor by COTR.

V1 (V):	211.1
V2 (V):	142.3

**ELECTRIC ENERGY STORAGE/CONVERSION SYSTEM TO  
VEHICLE CHASSIS ACROSS RESISTOR**

The known resistance Ro (in ohms) should be approximately 500 times the normal operating voltage of the vehicle (in volts) per SAE J1766.

Ro (Ω):	200,300
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V1' (V) Pre-Impact:	1.4
V2' (V) Pre-Impact:	1.5

**DATA SHEET 3 (CONTINUED)**  
**PRE-IMPACT ELECTRICAL ISOLATION MEASUREMENTS & CALCULATIONS**

Test Vehicle: 2018 Mitsubishi Outlander PHEV SEL 5-Door SUV NHTSA No.: O20185600

**ELECTRICAL ISOLATION MEASUREMENT**

Note: If measured voltage is zero and results in a division by zero, record "Zero Volts". This "zero voltage" condition is considered as being compliant.

V1' (V):	1.4
$R_{i1} = R_o (1 + V_2/V_1) [(V_1 - V_1')/V_1']$	
Ri1 (Ω):	50,226,123
V2' (V):	1.5
$R_{i2} = R_o (1 + V_1/V_2) [(V_2 - V_2')/V_2']$	
Ri2 (Ω):	46,693,238
Ri = The lesser of Ri1 and Ri2	
Ri Pre-Test (Ω):	46,693,238
Ri/Vb (Ω/V):	142,575
Minimum Electrical Isolation Value is 500 Ω/V	

Is the measured Electrical Isolation Value:	Yes, Pass	No, Fail
≥500 Ω/V without electrical isolation monitoring		
≥100 Ω/V with electrical isolation monitoring	X	

**DATA SHEET 4  
POST-IMPACT DATA**

Test Vehicle: 2018 Mitsubishi Outlander PHEV SEL 5-Door SUV NHTSA No.: O20185600

**VOLTMETER INFORMATION**

Make:	Fluke
Model:	177
Serial Number:	17210161
Internal Impedance Value (MΩ):	> 10 MΩ < 100 pF
Nominal Propulsion Battery Voltage (Vb) (V):	300

**ELECTRIC ENERGY STORAGE/CONVERSION SYSTEM  
VOLTAGE LOCATION OF MEASUREMENT**

Measurement is made from the side of the automatic disconnect connected to the electric powertrain.

Vb (V):	326.9
---------	-------

**ELECTRIC ENERGY STORAGE/CONVERSION SYSTEM VOLTAGE**

V1 =	147.2	V	Impact Time:	1	Minutes	22	s
V2 =	285.9	V	Impact Time:	1	Minutes	14	s
V1' =	7.5	V	Impact Time:	1	Minutes	26	s
V2' =	1.7	V	Impact Time:	1	Minutes	29	s

**ELECTRICAL ISOLATION MEASUREMENT**

Note: If measured voltage is zero and results in a division by zero, record "Zero Volts". This "zero voltage" condition is considered as being compliant.

$R_{i1} = R_o (1 + V_2/V_1) [(V_1 - V_1')/V_1']$							
Ri1 =	10,977,324	Ω	Impact Time:	1	Minutes	22	s
$R_{i2} = R_o (1 + V_1/V_2) [(V_2 - V_2')/V_2']$							
Ri2 =	46,693,238	Ω	Impact Time:	1	Minutes	14	s
Ri = The lesser of Ri1 and Ri2							
Ri =	10,977,324	Ω	Impact Time:	1	Minutes	22	s
Ri/Vb = electrical Isolation Value/Nominal Battery Voltage							
Minimum Electrical Value is 500 Ω/V							
Ri/Vb =	33,580	Ω/V	Impact Time:	1	Minutes	9	s

Is the measured Electrical Isolation Value:	Yes, Pass	No, Fail
≥500 Ω/V without electrical isolation monitoring		
≥100 Ω/V with electrical isolation monitoring	X	

**DATA SHEET 4 (CONTINUED)  
POST-IMPACT DATA**

Test Vehicle: 2018 Mitsubishi Outlander PHEV SEL 5-Door SUV NHTSA No.: O20185600

**ELECTRIC ENERGY STORAGE/CONVERSION DEVICE**

	Inside Passenger Compartment	Outside Passenger Compartment
Location of Electric Energy Storage/Conversion Device:		X

	Yes, Pass	No, Fail
All Components of Electrical Energy Storage/Conversion Device remained attached to the vehicle with at least one mounting location.	X	

Describe Electric Energy Storage/Conversion Device movement within the passenger compartment [Supply photographs as appropriate]:
Not Applicable

	Yes, Fail	No, Pass
Has the Electric Energy Storage/Conversion Device moved within the passenger compartment?		X

Describe intrusion of an outside Electric Energy Storage/Conversion Device into the passenger compartment [Supply photographs as appropriate]:
No Intrusion

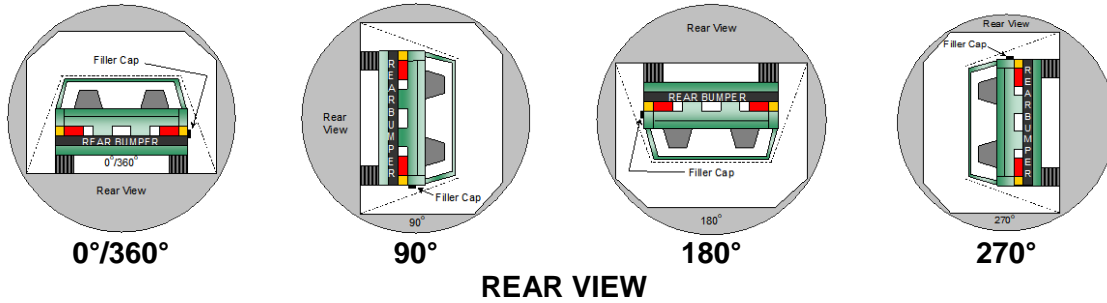
	Yes, Fail	No, Pass
Has an outside Electric Energy Storage/Conversion Device intruded into the passenger compartment?		X

	Yes, Fail	No, Pass
Is Electric Energy Storage/Conversion Device electrolyte spillage visible in the passenger compartment?		X

**DATA SHEET 5  
STATIC ROLLOVER TEST DATA**

Test Vehicle: 2018 Mitsubishi Outlander PHEV SEL 5-Door SUV

NHTSA No.: O20185600



**DETERMINATION OF ELECTRIC ENERGY STORAGE/CONVERSION DEVICE  
ELECTROLYTE COLLECTION TIME PERIOD**

Rollover Stage	Rotation Time (spec. 1-3 min)				FMVSS 301 Hold Time		Total Time				Next Whole Minute Interval	
0° - 90°	1	minutes	52	seconds	5	minutes	6	minutes	52	seconds	7	minutes
90° - 180°	1	minutes	52	seconds	5	minutes	6	minutes	52	seconds	7	minutes
180° - 270°	1	minutes	48	seconds	5	minutes	6	minutes	48	seconds	7	minutes
270° - 360°	1	minutes	50	seconds	5	minutes	6	minutes	50	seconds	7	minutes

**ACTUAL TEST VEHICLE ELECTRIC ENERGY STORAGE/CONVERSION DEVICE  
ELECTROLYTE SPILLAGE**

Rollover Stage	Electric Energy Storage/Conversion Device Electrolyte Spillage (L)	Spillage Location
0° to 90°	0	Not Applicable
90° to 180°	0	Not Applicable
180° to 270°	0	Not Applicable
270° to 360°	0	Not Applicable

Total Spillage:   0   L

	Yes, Fail	No, Pass
Is the total spillage of Electric Energy Storage/Conversion Device electrolyte greater than 5.0 Liters?		X
Is Electric Energy Storage/Conversion Device electrolyte spillage visible in the passenger compartment?		X

**DATA SHEET 5 (CONTINUED)  
STATIC ROLLOVER TEST DATA**

Test Vehicle: 2018 Mitsubishi Outlander PHEV SEL 5-Door SUV NHTSA No.: O20185600

**VOLTMETER INFORMATION**

Make:	Fluke
Model:	177
Serial Number:	17210161
Internal Impedance Value (MΩ):	> 10 MΩ < 100 pF
Nominal Electric Energy Storage/Conversion Device Voltage (Vb) (V):	300
Record V1, V2, V1', V2' voltage measurements at the start of each successive increment of 90°, 180°, 270°, and 360° of the static rollover test.	

**ELECTRICAL ISOLATION MEASUREMENT**

V1 =	134.1	V	0°	Time:		Minutes		s
V1 =	43.5	V	90°	Time:	2	Minutes	22	s
V1 =	304.2	V	180°	Time:	2	Minutes	20	s
V1 =	123.6	V	270°	Time:	2	Minutes	16	s
V1 =	133.3	V	360°	Time:	2	Minutes	12	s
V2 =	216.8	V	0°	Time:		Minutes		s
V2 =	297.9	V	90°	Time:	2	Minutes	27	s
V2 =	282.2	V	180°	Time:	2	Minutes	11	s
V2 =	216.9	V	270°	Time:	2	Minutes	21	s
V2 =	197.2	V	360°	Time:	2	Minutes	16	s
V1' =	1.4	V	0°	Time:		Minutes		s
V1' =	1.3	V	90°	Time:	2	Minutes	42	s
V1' =	1.2	V	180°	Time:	2	Minutes	25	s
V1' =	1.7	V	270°	Time:	2	Minutes	33	s
V1' =	1.2	V	360°	Time:	2	Minutes	29	s
V2' =	1.1	V	0°	Time:		Minutes		s
V2' =	1.1	V	90°	Time:	2	Minutes	35	s
V2' =	1.2	V	180°	Time:	2	Minutes	16	s
V2' =	1.2	V	270°	Time:	2	Minutes	27	s
V2' =	1.6	V	360°	Time:	2	Minutes	22	s
Vb =	326.0	V	0°	Time:		Minutes		s
Vb =	325.9	V	90°	Time:	2	Minutes	15	s
Vb =	325.8	V	180°	Time:	2	Minutes	3	s
Vb =	325.7	V	270°	Time:	2	Minutes	1	s
Vb =	325.7	V	360°	Time:	2	Minutes	0	s



**DATA SHEET 5 (CONTINUED)  
STATIC ROLLOVER TEST DATA**

Test Vehicle: 2018 Mitsubishi Outlander PHEV SEL 5-Door SUV NHTSA No.: O20185600

**ELECTRICAL ISOLATION CALCULATION**

Note: If measured voltage is zero and results in a division by zero, record "Zero Volts". This "zero voltage" condition is considered as being compliant.

$R_{i1} = R_o (1 + V_2/V_1) [(V_1 - V_1')/V_1']$								
R <sub>i1</sub> =	49,679,638	Ω	0°	Time:		Minutes		s
R <sub>i1</sub> =	51,029,852	Ω	90°	Time:	2	Minutes	22	s
R <sub>i1</sub> =	97,493,819	Ω	180°	Time:	2	Minutes	20	s
R <sub>i1</sub> =	39,567,114	Ω	270°	Time:	2	Minutes	16	s
R <sub>i1</sub> =	54,669,341	Ω	360°	Time:	2	Minutes	12	s
$R_{i2} = R_o (1 + V_1/V_2) [(V_2 - V_2')/V_2']$								
R <sub>i2</sub> =	63,571,506	Ω	0°	Time:		Minutes		s
R <sub>i2</sub> =	61,936,288	Ω	90°	Time:	2	Minutes	27	s
R <sub>i2</sub> =	97,463,718	Ω	180°	Time:	2	Minutes	11	s
R <sub>i2</sub> =	56,520,684	Ω	270°	Time:	2	Minutes	21	s
R <sub>i2</sub> =	41,038,773	Ω	360°	Time:	2	Minutes	16	s
R <sub>i</sub> = The lesser of R <sub>i1</sub> and R <sub>i2</sub>								
R <sub>i</sub> =	49,679,638	Ω	0°	Time:		Minutes		s
R <sub>i</sub> =	51,029,852	Ω	90°	Time:	2	Minutes	22	s
R <sub>i</sub> =	97,463,718	Ω	180°	Time:	2	Minutes	11	s
R <sub>i</sub> =	39,567,114	Ω	270°	Time:	2	Minutes	16	s
R <sub>i</sub> =	54,669,341	Ω	360°	Time:	2	Minutes	12	s
R <sub>i</sub> /V <sub>b</sub> = Electrical Isolation Value/Nominal Battery Voltage Minimum Electrical Isolation Value is 500 Ω /V								
R <sub>i</sub> /V <sub>b</sub> =	152,392	Ω/V	0°	Time:		Minutes		s
R <sub>i</sub> /V <sub>b</sub> =	156,581	Ω/V	90°	Time:	2	Minutes	15	s
R <sub>i</sub> /V <sub>b</sub> =	299,152	Ω/V	180°	Time:	2	Minutes	3	s
R <sub>i</sub> /V <sub>b</sub> =	121,483	Ω/V	270°	Time:	2	Minutes	1	s
R <sub>i</sub> /V <sub>b</sub> =	126,002	Ω/V	360°	Time:	2	Minutes	0	s

Is the measured Electrical Isolation Value:	Yes, Pass	No, Fail
≥500 Ω/V without electrical isolation monitoring		
≥100 Ω/V with electrical isolation monitoring	X	

**APPENDIX A  
PHOTOGRAPHS**

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**PHOTOGRAPH NOT AVAILABLE**

Photo No. 001 - Auxiliary Power Module Warning Label



Photo No. 002 - Power Inverter Warning Label

**PHOTOGRAPH NOT APPLICABLE**

Photo No. 003 - First Responder Warning Label

**PHOTOGRAPH NOT APPLICABLE**

Photo No. 004 - First Responder Warning Location



Photo No. 005 - Other Vehicle Label(s) Related to Electrical Propulsion System



Photo No. 006 - Manual High Voltage Service Disconnect in Place

**PHOTOGRAPH NOT AVAILABLE**

Photo No. 007 - Manual High Voltage Service Disconnect Removed



Photo No. 007a - Manual High Voltage Service Disconnect Removed



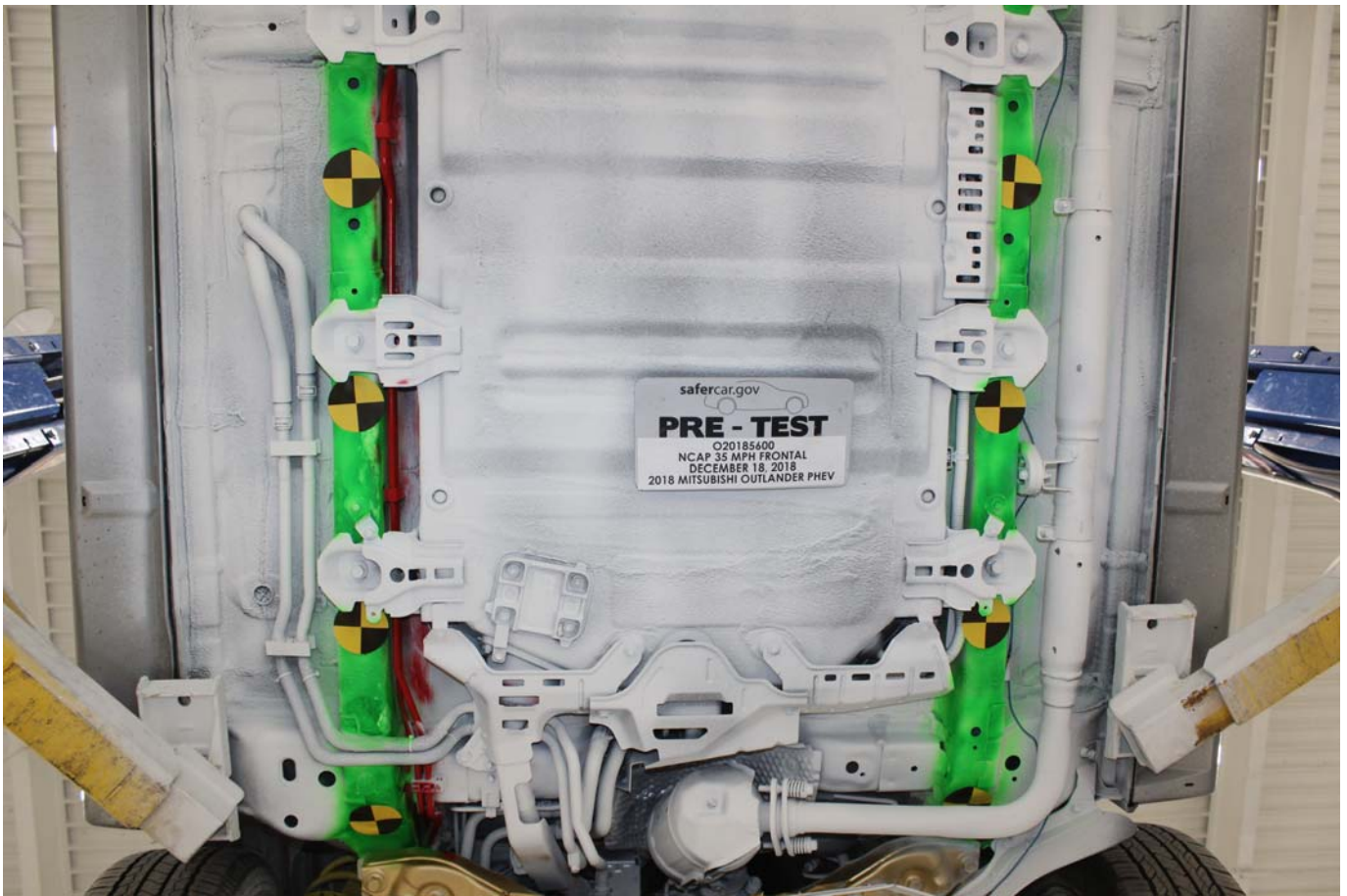


Photo No. 008 - Pre-Impact View of Propulsion Battery

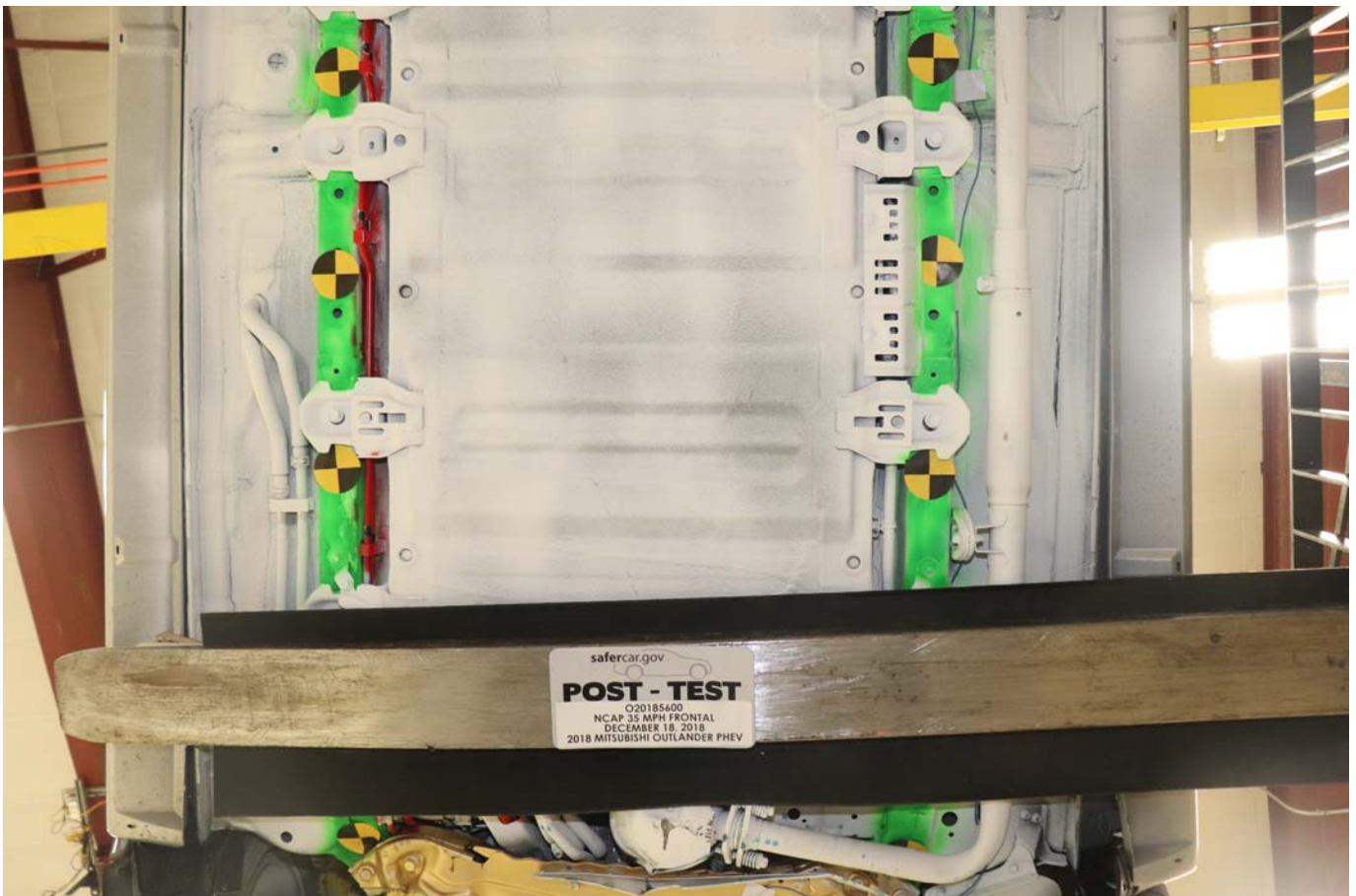


Photo No. 009 - Post-Impact Front View of Propulsion Battery

**PHOTOGRAPH NOT AVAILABLE**

Photo No. 010 - Post-Impact Rear View of Propulsion Battery

**PHOTOGRAPH NOT AVAILABLE**

Photo No. 011 - Pre-Impact View of Battery Box(s) or Container(s) Which Holds Individual Battery Modules

**PHOTOGRAPH NOT AVAILABLE**

Photo No. 012 - Post-Impact View of Battery Box(s) or Container(s) Which Holds Individual Battery Modules

**PHOTOGRAPH NOT AVAILABLE**

Photo No. 013 - Pre-Impact View of Propulsion Battery Module(s)

**PHOTOGRAPH NOT AVAILABLE**

Photo No. 014 - Post-Impact View of Propulsion Battery Module(s)



Photo No. 015 - Pre-Impact View of Electric Propulsion Drive

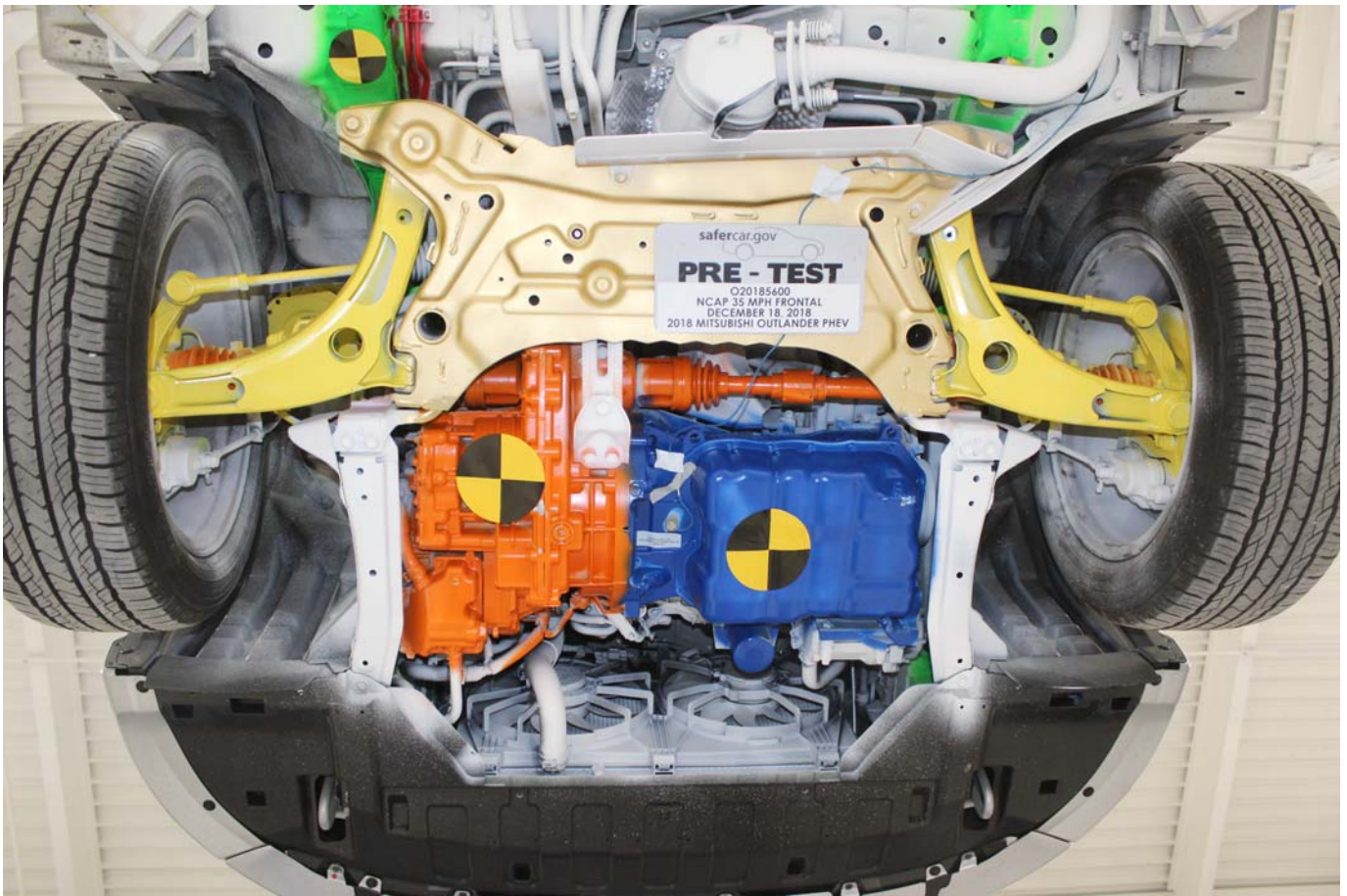


Photo No. 015a - Pre-Impact View of Electric Propulsion Drive



Photo No. 016 - Post-Impact View of Electric Propulsion Drive

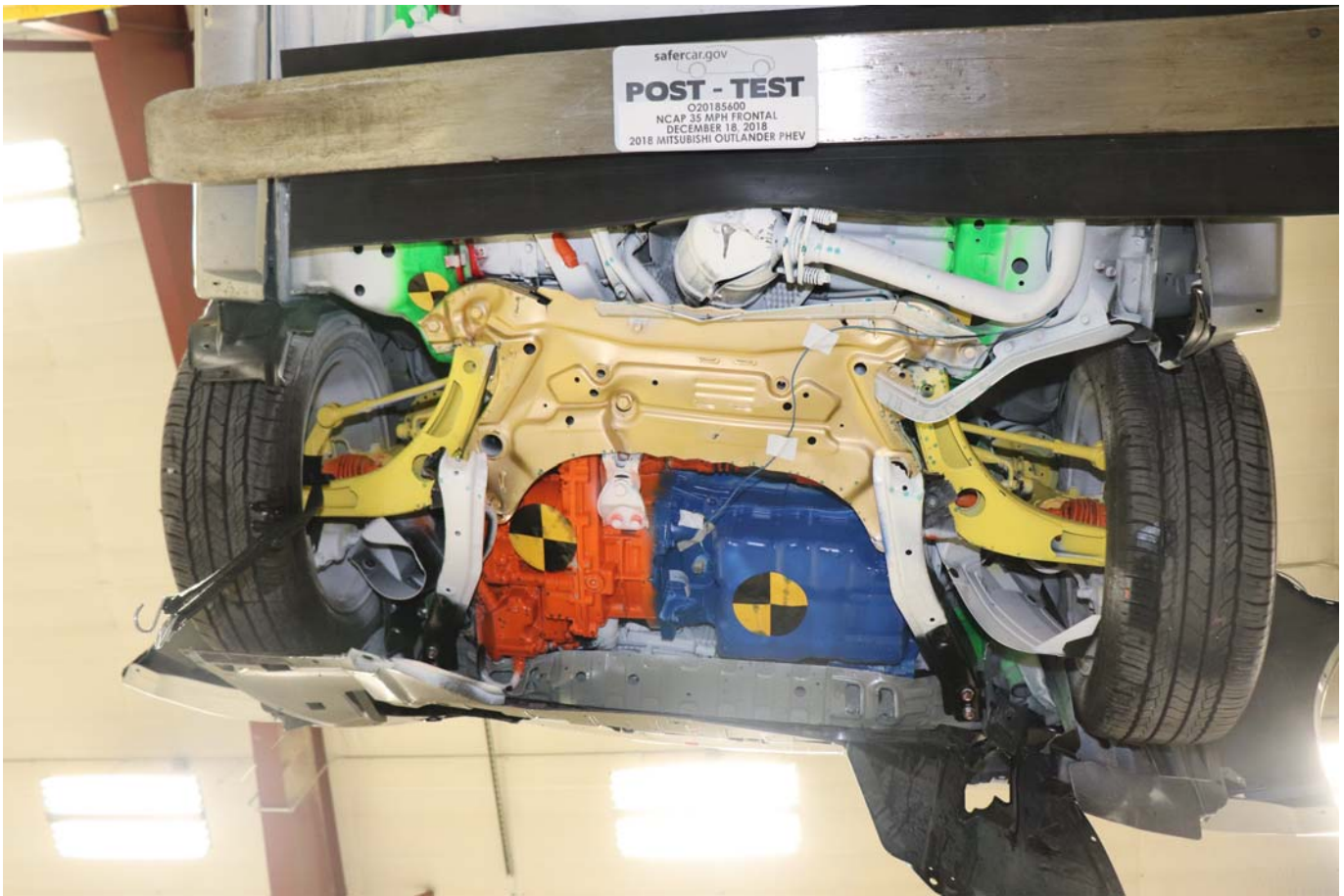


Photo No. 016a - Post-Impact View of Electric Propulsion Drive

**PHOTOGRAPH NOT AVAILABLE**

Photo No. 017 - Pre-Impact View of High Voltage Interconnect(s)

**PHOTOGRAPH NOT APPLICABLE**

Photo No. 018 - Pre-Impact View Propulsion Battery Venting System(s)

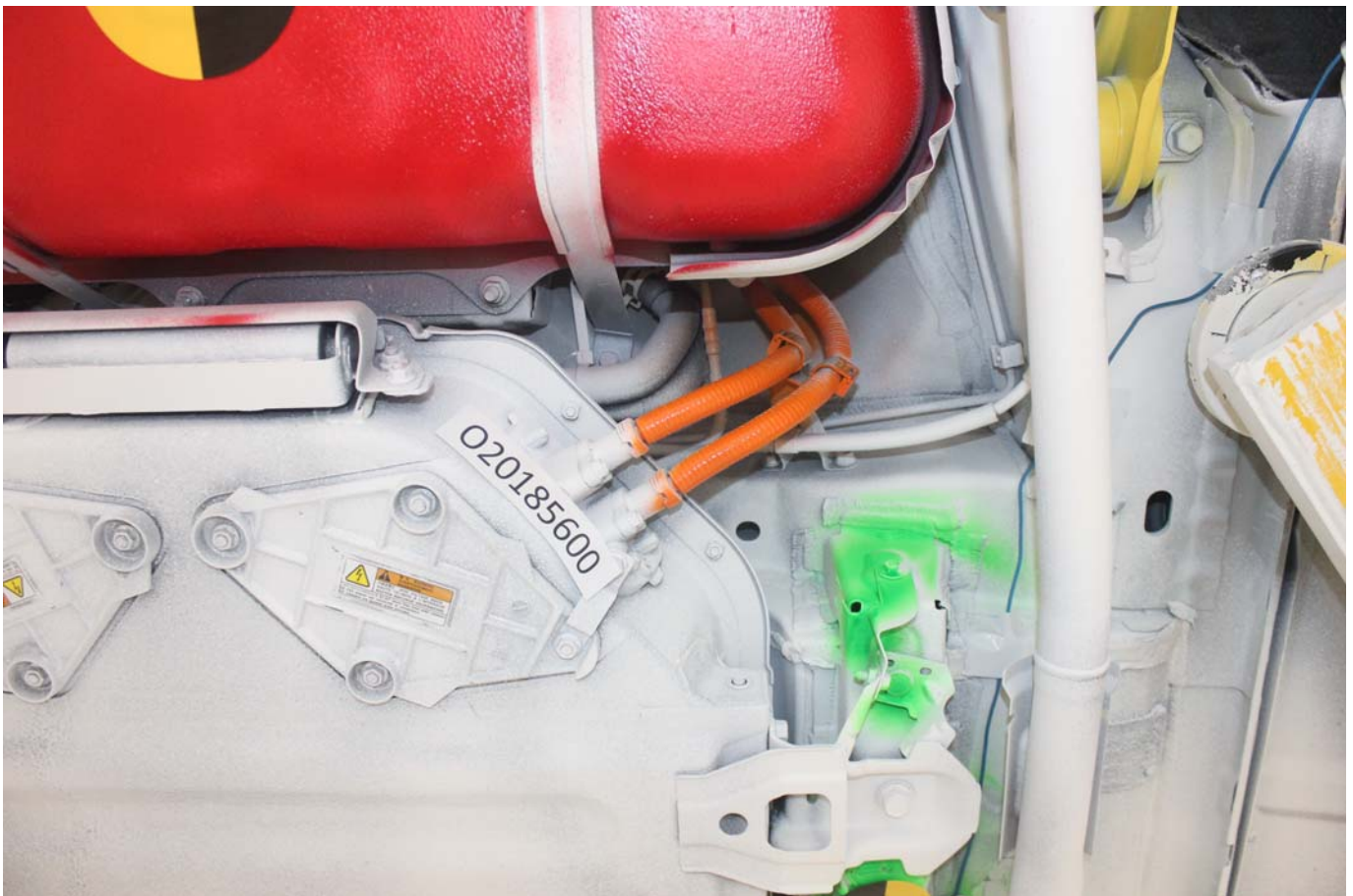


Photo No. 019 - Pre-Impact View of Other Visible Electric Propulsion Components



Photo No. 020 - Pre-Impact View of Ground Lead Attached

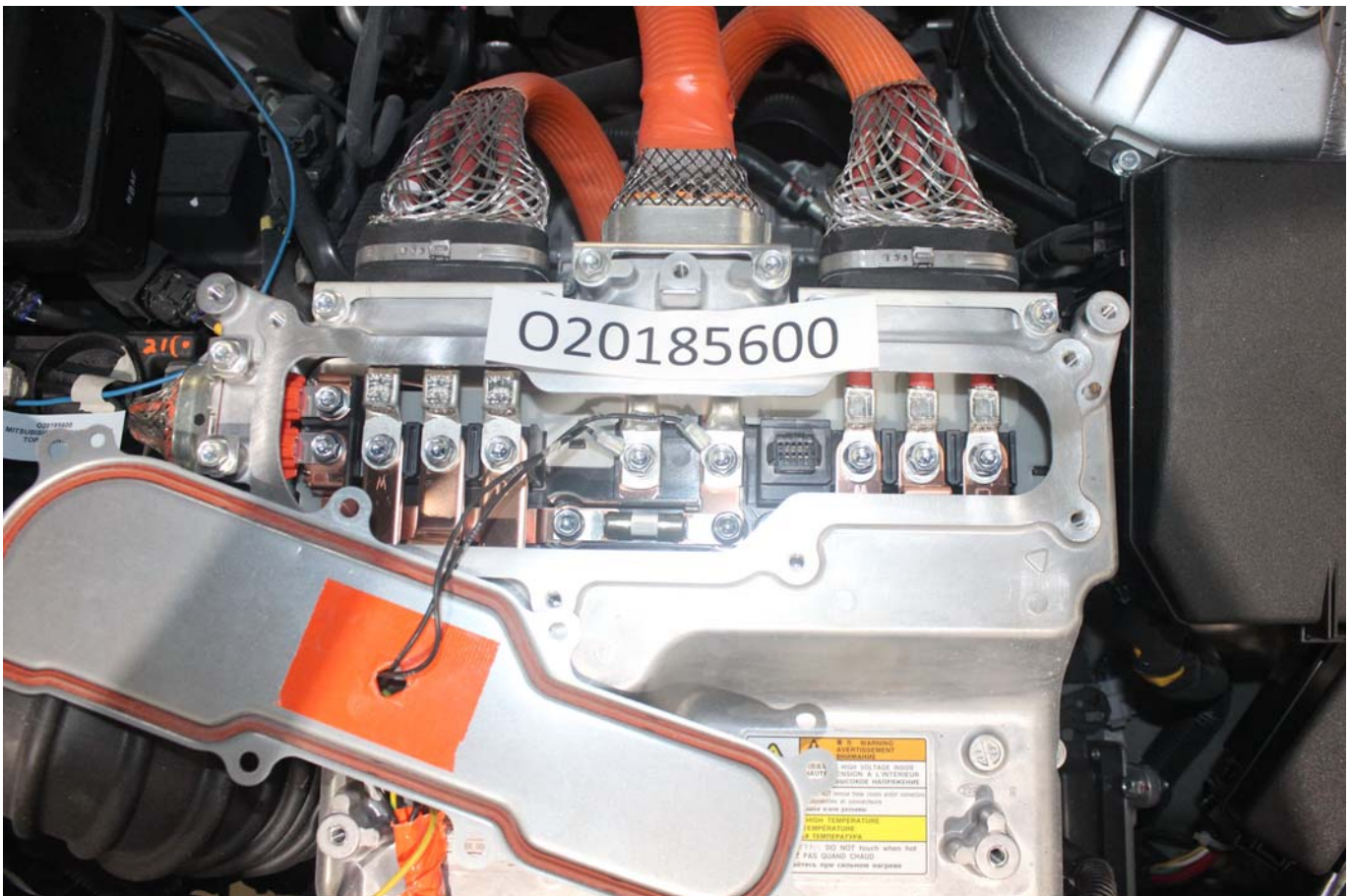


Photo No. 021 - Pre-Impact View of High Voltage Leads Attached



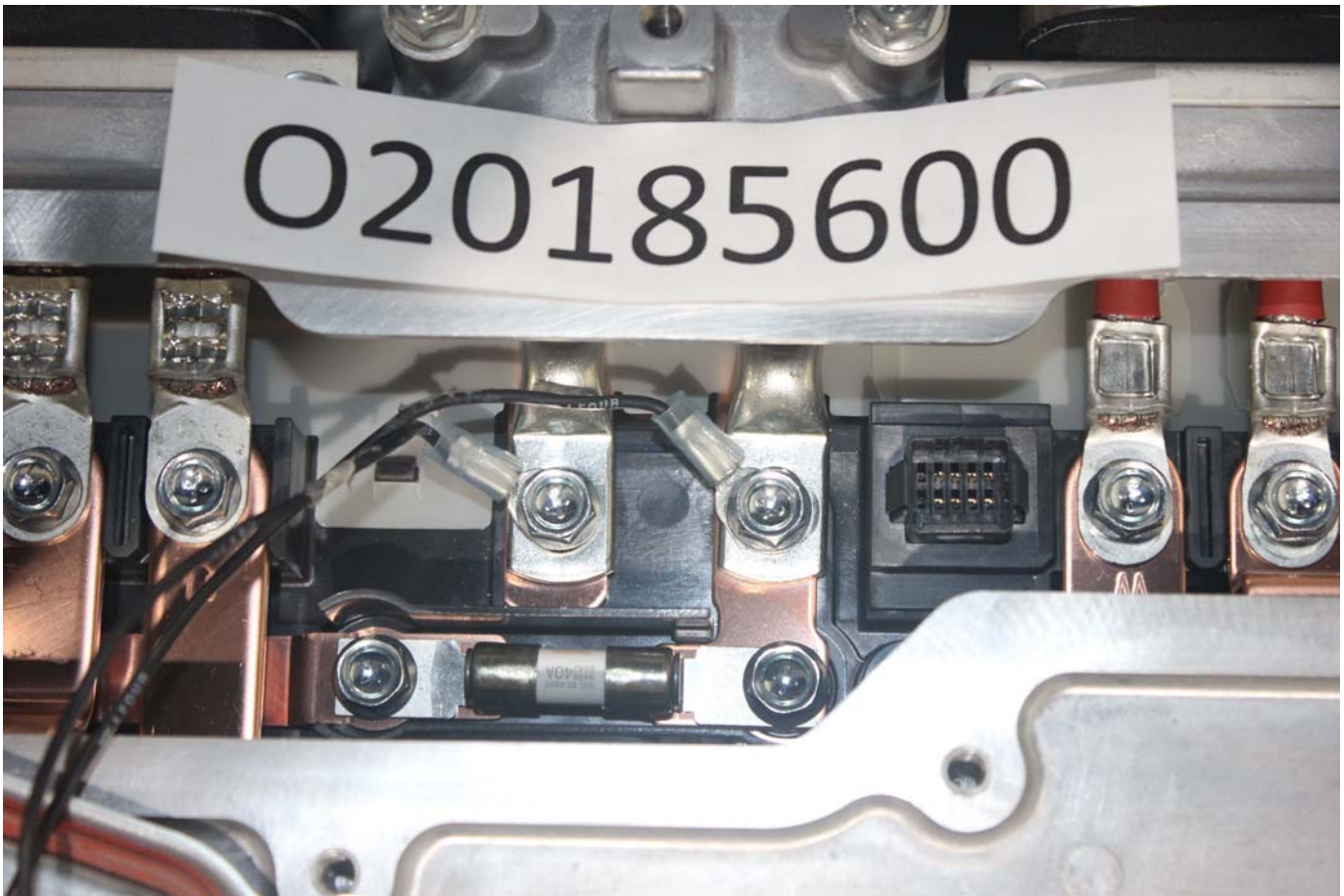


Photo No. 022 - Pre-Impact Close-Up View of High Voltage Leads Attached



Photo No. 023 - Pre-Impact View of Installed Impact Interface Port

**PHOTOGRAPH NOT AVAILABLE**

Photo No. 024 - Post-Impact View of Installed Impact Interface Port

**PHOTOGRAPH NOT APPLICABLE**

Photo No. 025 - Pre-Impact View of Other Test Devices

# PHOTOGRAPH NOT APPLICABLE

Photo No. 026 - Post-Impact View of Other Test Devices



Photo No. 027 - FMVSS No. 305 Static Rollover at 90°



Photo No. 028 - FMVSS No. 305 Static Rollover at 180°



Photo No. 029 - FMVSS No. 305 Static Rollover at 270°

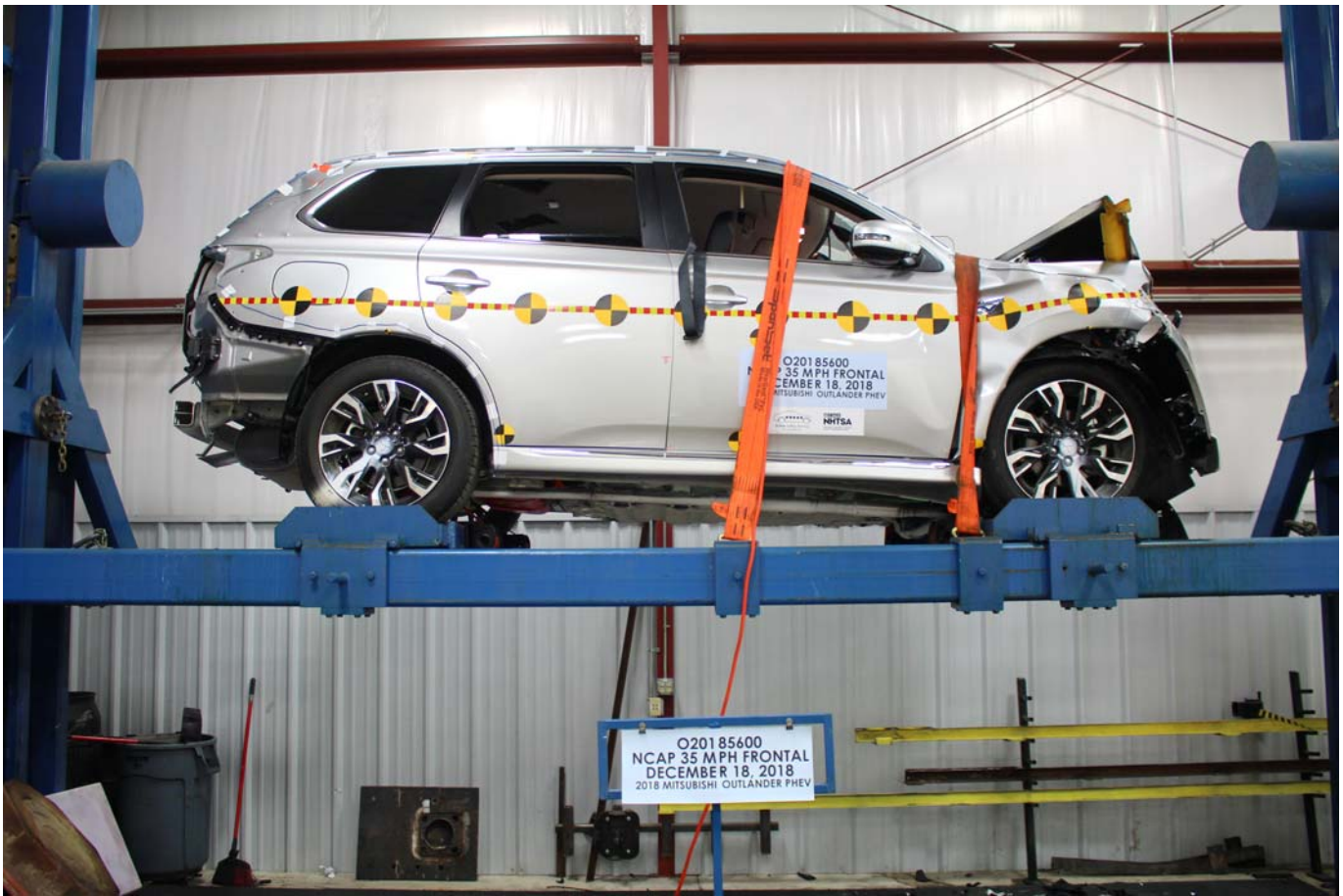


Photo No. 030 - FMVSS No. 305 Static Rollover at 360°



Photo No. 031 - Pre-Impact View of the Vehicle Passenger Compartment Adjacent to Propulsion Battery

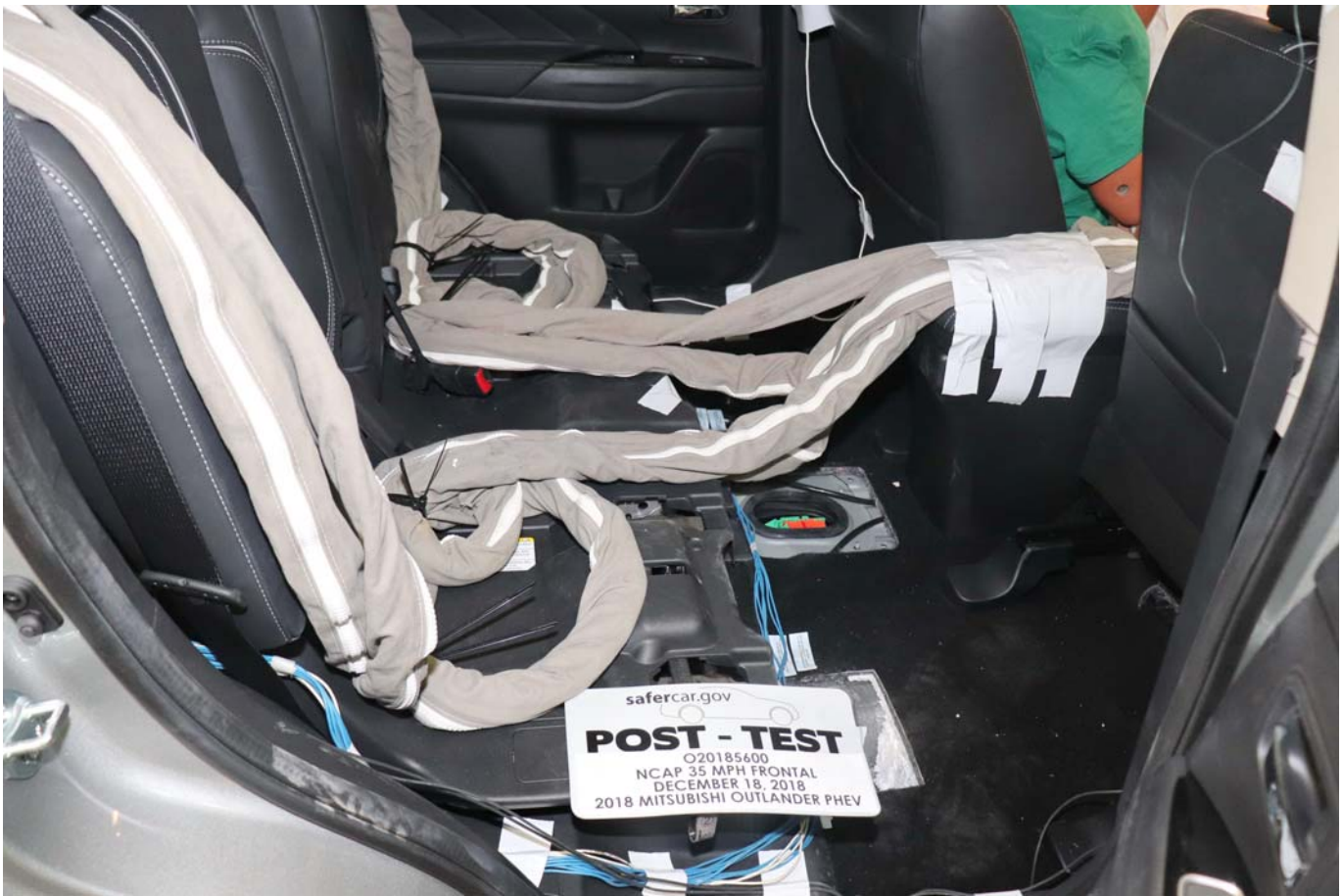


Photo No. 032 - Post-Impact View of the Vehicle Passenger Compartment Adjacent to Propulsion Battery

**PHOTOGRAPH NOT APPLICABLE**

Photo No. 033 - Post-Impact Propulsion Battery System Mounting and-or Intrusion Failure(s)

**PHOTOGRAPH NOT APPLICABLE**

Photo No. 034 - Post-Impact View of Battery Component Intrusion



Photo No. 035 - Post-Impact View of Battery Module Movement or Retention Loss

**PHOTOGRAPH NOT APPLICABLE**

Photo No. 036 - Post-Impact View of Propulsion Battery Electrolyte Spillage Location

**PHOTOGRAPH NOT APPLICABLE**

Photo No. 037 - Post-Test View of Propulsion Battery Electrolyte Spillage Location





Photo No. 038 - As Delivered Right Front Three-Quarter View of Impact Vehicle



Photo No. 039 - As Delivered Left Rear Three-Quarter View of Impact Vehicle

MFD. BY MITSUBISHI MOTORS CORPORATION, JAPAN  
 GWR 5225LBS/2370KG JAN 2018  
 GAWR FR 2557LBS/1160KG  
 WITH P225/55R18 TIRES 18X7.0J RIMS  
 GAWR RR 2800LBS/1270KG  
 WITH P225/55R18 TIRES 18X7.0J RIMS  
 THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.



JA4J24A53JZ043299  
 VEHICLE TYPE: MPV 7430C 431

020185600

Photo No. 040 - Vehicle's Certification Label

SRS SIDE AIRBAG  
**WARNING**  
 TO AVOID SERIOUS INJURY OR DEATH:  
 • Do not lean against the door.  
 • Do not use seat covers.  
 See owner's manual.

**TIRE AND LOADING INFORMATION**

SEATING CAPACITY TOTAL 5 FRONT 2 REAR 3  
 The combined weight of occupants and cargo should never exceed 375 kg or 827 lbs.

TIRE	SIZE	COLD TIRE PRESSURE
FRONT	P225/55R18	240 KPA, 35 PSI
REAR	P225/55R18	240 KPA, 35 PSI
SPARE	none	none

SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION  
 7430B362

020185600

Photo No. 041 - Vehicle's Tire Information Placard or Label