



2018 Outlander PHEV

TECH TALK

Volume 236 - January 2018

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Vehicle Technical Info

NOTE: The ✓ mark indicates an article is being repeated from a previous issue of Tech Talk due to the subject's importance.



GROUP 00 – General

TIN-17-00-006: 2018 MITSUBISHI OUTLANDER PHEV - IMPORTANT LAUNCH ACTIVITIES — 2018 Outlander PHEV.

TIN-17-00-006 was released recently and states:

“The highly anticipated 2018 Mitsubishi Outlander PHEV will be arriving in dealer showrooms very soon!

The Outlander PHEV is a very important vehicle to our Mitsubishi brand and contains cutting edge and unique technology. **To ensure a high level of Customer Satisfaction with this vehicle, dealers are requested to submit Product Quality Reports (PQRs) on any vehicle issues you might find. This is most important during PDI (Pre-Delivery Inspection) where any vehicle issues need to be identified, repaired, and reported prior to customer delivery.**

Ensuring a new vehicle is delivered free of any issues will positively impact IQS and CSI - two of our Key Performance Indicators (KPIs). The introduction of quick countermeasures to vehicle issues depends on the speed, detail, timeliness, and accuracy of the information received from our dealers.

Please refer to TT-222-00-001 (in Tech Talk Vol. 222) regarding submitting Product Quality Reports (PQRs). Freeze frame data is mandatory for all diagnostic trouble codes (DTCs). Please do not erase any DTCs until receiving further direction from MMNA. Also, **do not** disconnect the 12V auxiliary battery before retrieving freeze frame data. Supplemental information such as photos or videos are highly recommended and should be attached to the PQRs.

Please note that PQR attachments have a size limit of 5 Mb each, and 5 attachments per PQR.

Working together as a team, we can quickly identify emerging issues – leading to faster development and implementation of timely countermeasures.”

TIN-17-00-007: 2018 OUTLANDER PHEV OWNER'S MANUAL ADDENDUM — 2018 Outlander PHEV.

TIN-17-00-007 was released recently and states:

“In order to provide the most accurate information for new owners of the 2018 Outlander PHEV, an addendum to the Owner's Manual is being printed and inserted into each vehicle's Quick Reference Guide. This addendum (attached near the end of this Tech Talk) will be incorporated into future Owner's Manuals, at which time it will no longer be placed inside the QRG. Until that time, dealers should inform every customer who purchases a new Outlander PHEV of this addendum to ensure they are aware of the latest information pertaining to their car.

PLEASE NOTE: Dealers should always conform to the revised and existing warnings contained in the vehicle Owner's Manuals.



GROUP 23 – Automatic Transmission

COOLANT LEAKS AT CVT8 FLUID COOLER HOSES — 2016-18 Outlander.



When encountering coolant leaks from the CVT8 fluid cooler hoses on affected Outlander models, please take clear focused photos of the affected area and post the photos into the PRC prior to repairs. Please submit a PQR on these conditions as well, making note on which hose is actually leaking.



GROUP 31 – Wheel & Tire

TIN-17-31-002: ACCESSORY BLACK WHEEL LUGS AND LOCK EXHIBITING WHITE PAINT MARKS — 2018 Eclipse Cross, Outlander Limited Edition, Outlander Sport Limited Edition, Outlander PHEV Equipped with Accessory Black wheel lugs and lock.

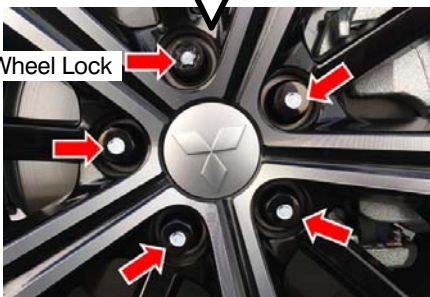
TIN-17-31-002 was released recently and states: "A white torque check paint mark is added onto each black wheel lug and lock after it has been properly torqued to specification.

When taking receipt of vehicles equipped with black wheel lugs and lock, please immediately clean off all white paint marks using a wash cloth."

Accessory Black Wheel Lugs & Wheel Lock



Wheel Lock



GROUP 36 – Parking Brake

PARKING BRAKE DOES NOT HOLD — 2014-18 Outlander w/out electric parking brake.

For customer complaints of the parking brake not holding or not operating correctly, please take photos of the parking brake lever and cable area at the rear calipers with the parking brake lever NOT engaged. Please take photos of the left rear and right rear area, and post in the PRC. See photo below for an example of the parking brake lever stuck with the parking brake system not engaged.

NG Condition: Parking Brake Lever Stuck



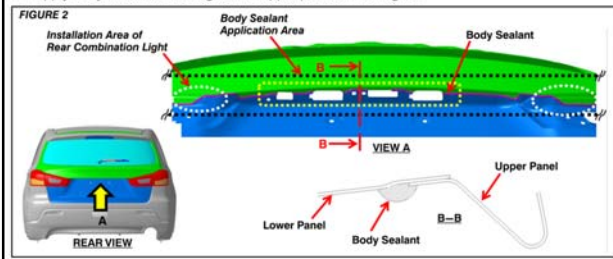
GROUP 42A – Body

REPLACEMENT OF LIFTGATE DOES NOT REQUIRE SEALER LISTED IN TSB-17-42A-001 — 2011-15 Outlander Sport/RVR.

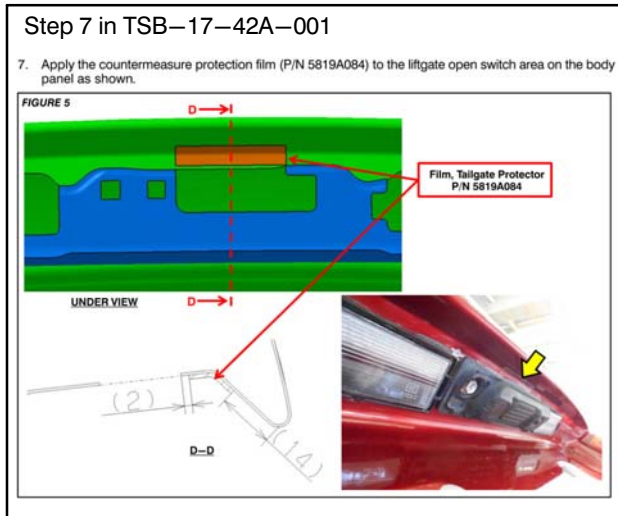
The service part liftgate, part number 5801B862, does not require the application of seam sealer, shown in step 4 of TSB-17-42A-001. This hatch is built with a different material and does not require the sealer.

Step 4 in TSB-17-42A-001

4. Apply body sealant to the edge of the upper panel on the liftgate.



However, step 7, the addition of protective film in the exterior liftgate switch opening, **is** required. When the liftgate is replaced, do not add the labor time to the claim for sealer application. Add 0.1 hours for the application of the protective film.



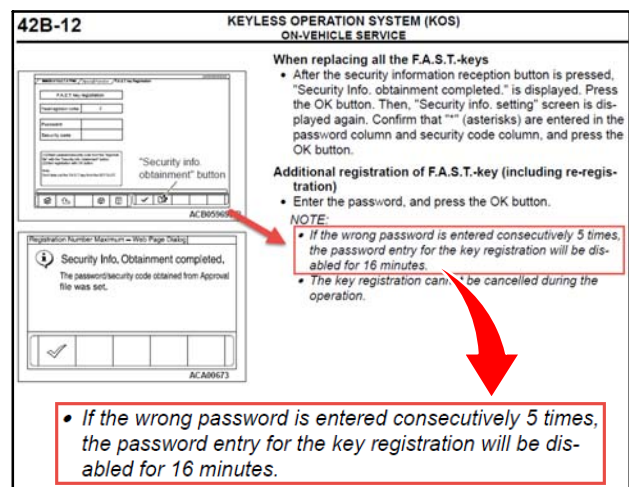
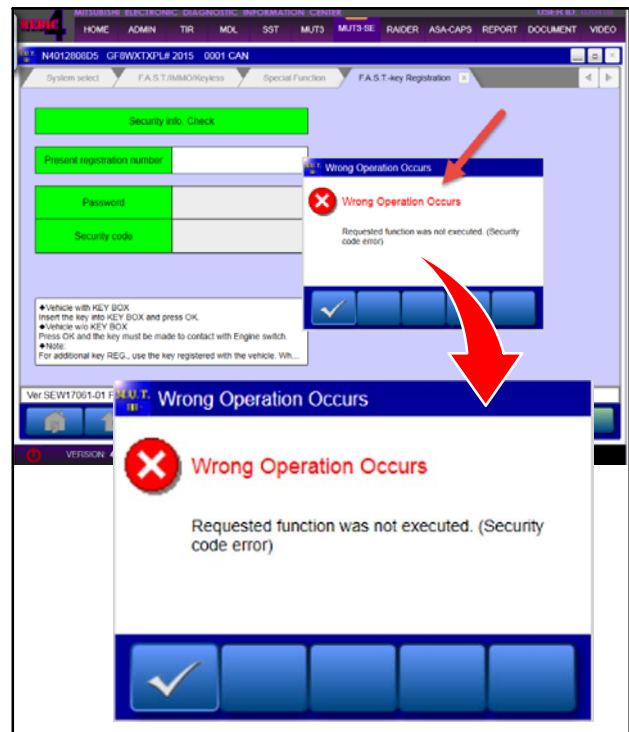
GROUP 42B – Keyless Operation System (KOS)

ERROR SCREENS DURING OSS KEY REGISTRATION — 2011-current models with OSS.

Techline has been getting multiple calls on two error screens during OSS Fast Key registration (used when all keys are lost). OSS equipped vehicles only. The explanation for these error screens are not readily available. Techs may also be getting confused at what the error screens mean and what needs to be done to get to the next step.

1. Wrong Operation Occurs (pop-up)

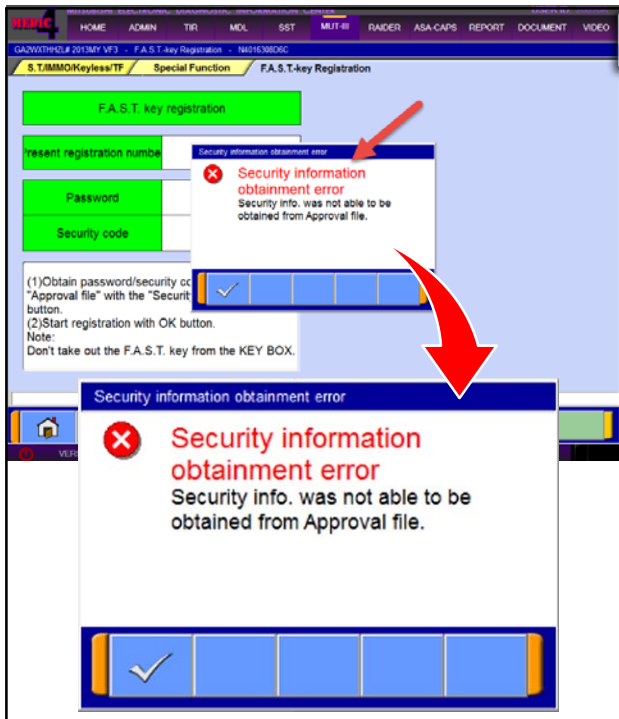
This screen will pop up if there were too many incorrect key registration attempts. Refer to the service manual - ID Codes Registration Instructions located on the MDL > service tech resource page to return (reset) the OSS-KOS system back to normal registration mode.



2. Security information obtainment error (pop-up)

This screen will pop up if downloaded security permission file from the MDL was either the wrong file or the correct file but was corrupted or damaged during the transfer process. Follow the procedure from Tech Talk 226 (reprinted below) on getting a generated file from the vehicle and attaching it to the Techline case.

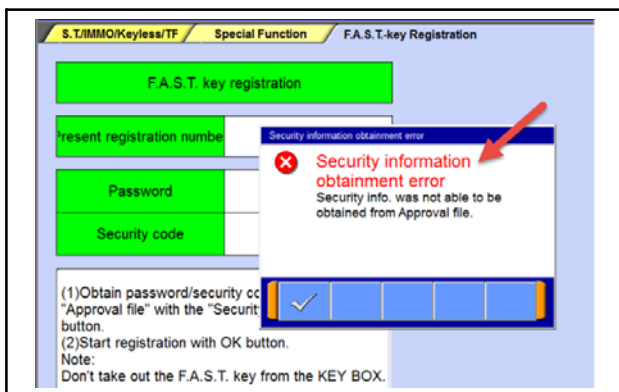
Note: The new permission must be used with the same key FOB that was used to create the generated file, otherwise he will get another error screen stating the incorrect FOB.



SECURITY INFORMATION OBTAINMENT ERROR DURING KEY REGISTRATION — All models with F.A.S.T., KOS, & OSS.

Follow the procedure below (reprinted from Tech Talk 226) to get a generated file.

When all keys are lost, a security permission file is required to gain access to the KOS system of the vehicle to program new keys. A *Security Information Obtainment Error* may be encountered during key registration (see error message below).

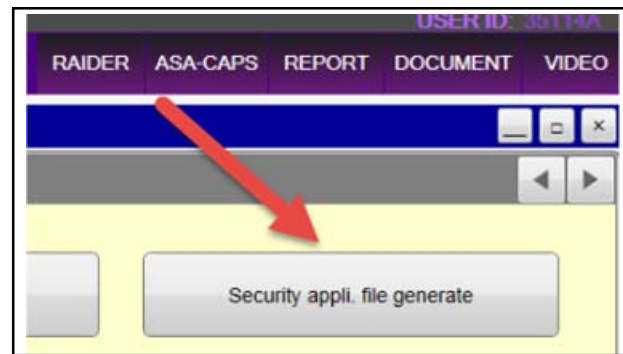
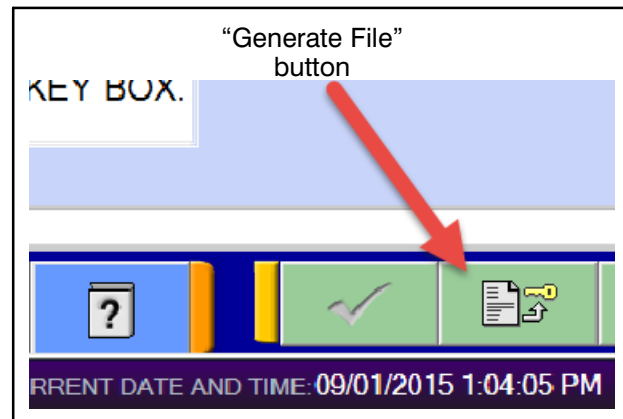


This occurs when the downloaded security permission file (not to be confused with the Key Registration Password) for the vehicle is incorrect or corrupt.

If you run across this error using the downloaded security permission file, use the following steps to obtain a new security permission file.

1. Download the security permission file again and attempt to use it again to confirm the file is not working correctly.
2. Confirm you are seeing the error screen shown above.
3. Once the error screen is confirmed, generate a *Security application file* from the vehicle. This file will be used to obtain a new security permission file.

Depending on the vehicle, this is done by either clicking on the “generate file” button at the bottom of the screen, or by returning to a previous screen and clicking on the “Security appli. File generate” button. The file generated will automatically go into a folder in the scan tool.



4. Once the Security Application file has been generated, open a new Techline case for this vehicle.
5. Contact the MEDIC hotline (1-800-846-7575) to retrieve the file from the scan tool. Have MEDIC hotline attach the file to the Techline case and email it to: mmnatechline@mmsa.com.

Example of a generated security permission file name: ML32F4FJ5HHF10149_161122_01.pwf

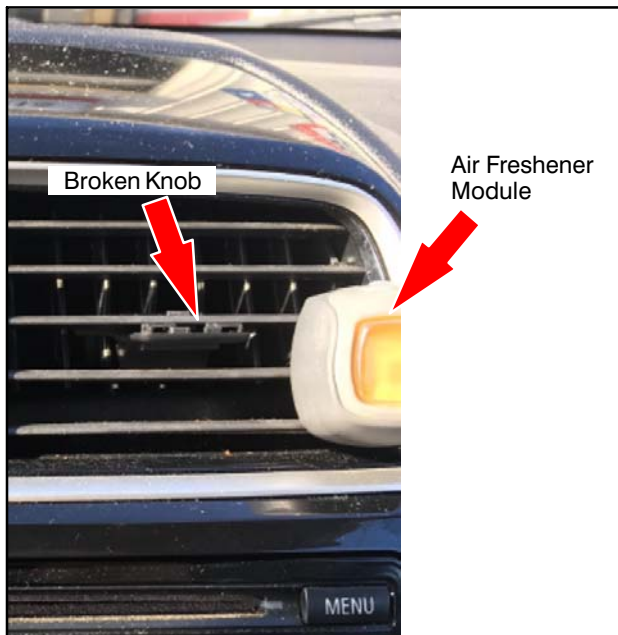
6. Call Techline (1-800-446-6064) to inform them of the case and the need for a new security permission file for the vehicle.
7. Techline will obtain a new permission file from MMC and attach it to the Techline case.
8. Techline will contact the dealership and alert the technician that the new security permission file is available.
9. The technician then should contact MEDIC hotline to have them transfer the new security permission file from the Techline case to the proper MUT scantool folder.
10. Proceed with key registration.



GROUP 52A – Interior

CLIP-ON AIR FRESHENER MODULES & CELL PHONE HOLDERS CAN DAMAGE HVAC VENTS — All models.

Installation and removal of air freshener modules and cell phone holders can dislodge the horizontal vent fins and the internal vertical vent fins or can damage the vent adjustment knobs. Normal adjustment of the vents can also be blocked by these 2 components.



Additionally, if an air freshener module leaks, the scent fluid can damage the surface of surrounding trim. Replacement of the instrument panel center vents includes the radio control panel in some models and is expensive.

Notify the customer with vent or surrounding trim appearance issues, that use of air freshener modules and cell phone holders can cause damage, and repair for this type of damage is **not** covered by warranty.



GROUP 54 – Chassis Electrical

WINDSHIELD WIPER MOTOR SUB-HARNESS WITH CONNECTOR (PIGTAIL) AVAILABLE — 2011-15 Outlander Sport/RVR.

NOTE: This article supersedes article No. TT-230-54-002, from Tech Talk 230, May 2017.

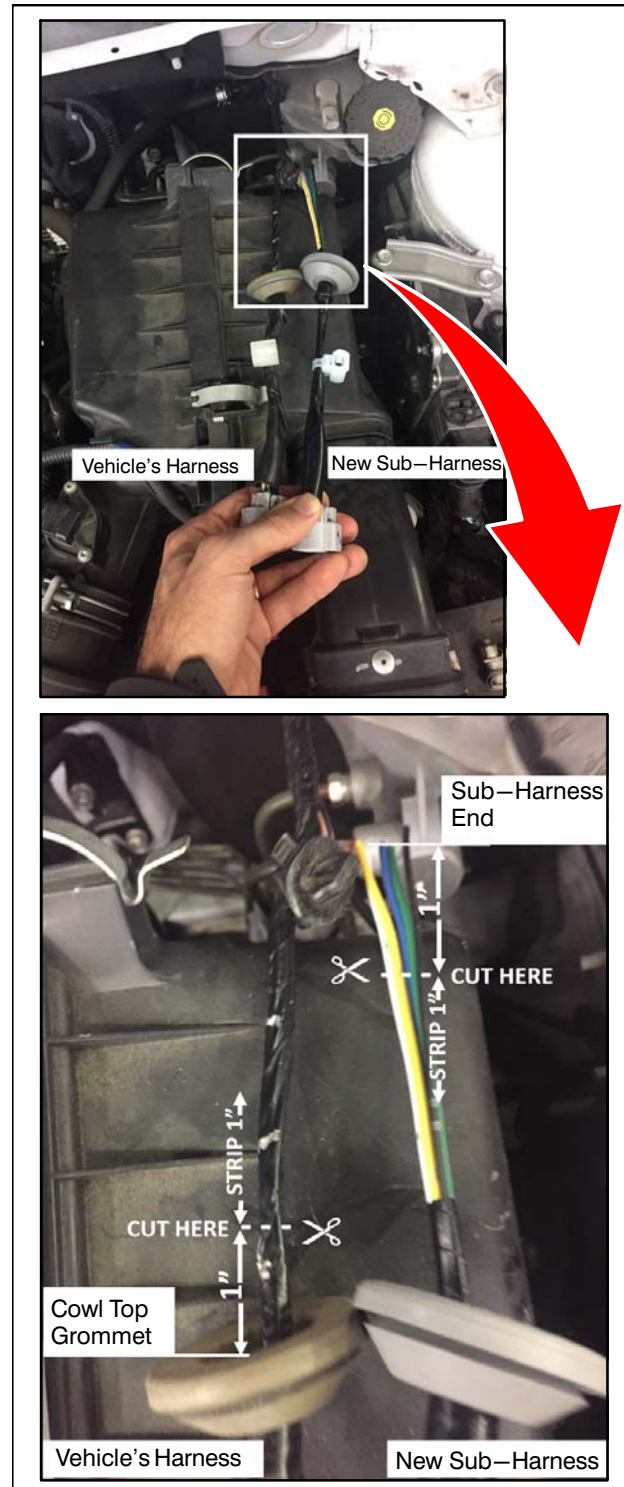
In case you find damage to the wiper motor connector (harness side), it is no longer necessary to attempt connector repair or harness replacement. A sub-harness with connector is now available as a separate spare part with P/N 8250B157.

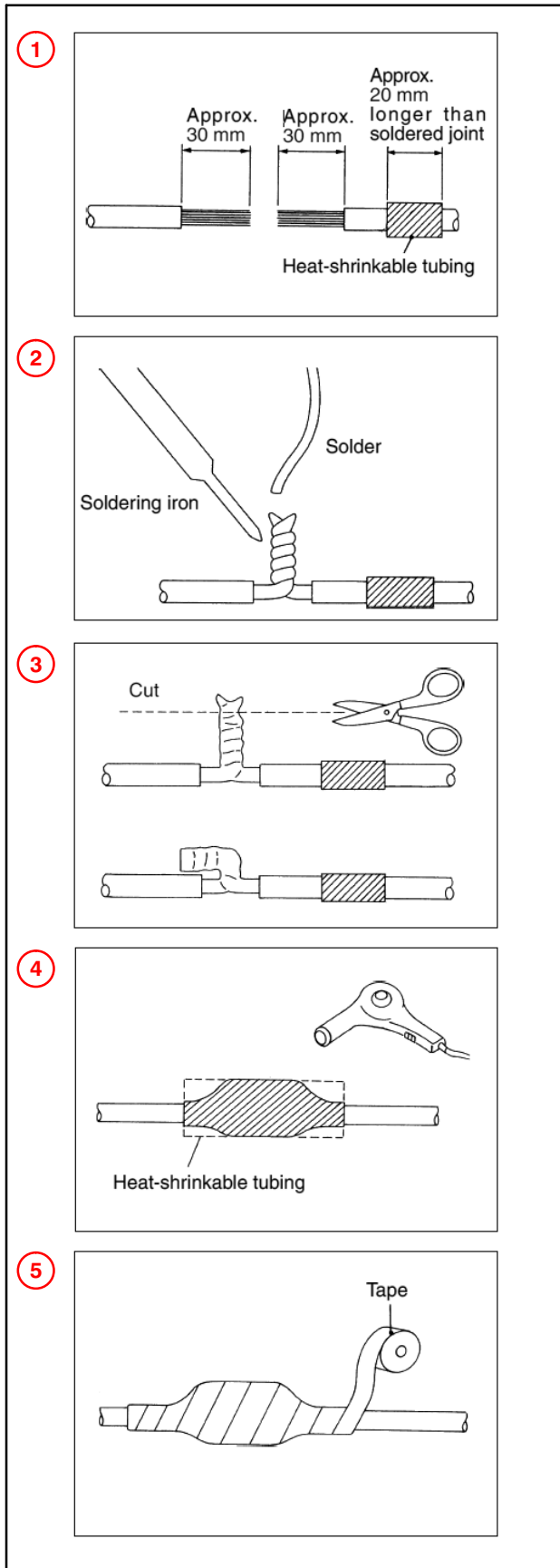


Use the following guidelines and diagrams to perform the repair.

IMPORTANT:

- 1) Turn off the ignition switch (including all other switches), and disconnect the negative battery cable before starting the repair.
- 2) Solder each wire of the sub-harness to the same color wire of the vehicle's harness.
- 3) After insulating each individual joint with heat shrinkable tubing, wrap all wires with electrical tape.
- 4) Make sure that the final harness length is the same as the length of the original harness before the repair.





TIN-17-54-003: UNRESPONSIVE AUDIO SYSTEM BUTTONS WITH IPHONE® (11.0/11.0.1) AND APPLE CARPLAY™ – RESOLVED WITH IOS 11.1 — 2017–2018 Models Equipped with Display Audio with Smartphone Link (shown in photo below) – Mirage, Mirage G4, Lancer Limited Edition, Outlander Sport Limited Edition.

TIN-17-54-003 was released recently and states:

“The issues described in TIN-17-54-002 (unresponsive audio system buttons after making a phone call using an iPhone® with iOS 11.0 or 11.0.1 and Apple CarPlay™) have now been resolved with iOS 11.1, released by Apple on November 1, 2017.

If a customer has experienced any of these concerns, please have them update their iPhone with iOS 11.1.”



NOTE: MMNA has verified that the issue is resolved with iOS 11.1 and later versions.

GROUP 60 – Recalls

ATIN-17-SR-006-A: MIRAGE SRS WARNING LAMP ILLUMINATION SAFETY RECALL CAMPAIGN — Certain 2014–2018 Mirage vehicles.

ATIN-17-SR-006-A was released recently and states:

“A safety recall campaign will be conducted on certain 2014 – 2018 Mirage vehicles built from July 27, 2013 to September 4, 2017, for potential SRS Warning Lamp Illumination. **It is a violation of Federal law for a dealer to sell or deliver any affected vehicles in your new vehicle inventory until this recall has been performed.** Please check the Most Recent: Open Campaign List e-report to identify affected vehicles in your new vehicle inventory.

The self-diagnostic function used by the internal acceleration sensor in the SRS-ECU may misinterpret vibration caused by severe road conditions and/or driving on a flat tire to be a malfunction in the SRS-ECU. If this occurs, the SRS warning lamp will illuminate and none of the seven airbags available in the vehicle will deploy in the event of a crash, increasing the risk of injury or death in a crash.

Dealers are requested to reprogram the SRS-ECU software with countermeasure software posted for download to MEDIC today. Recall Campaign Bulletin SR-17-006, outlining the SRS-ECU reprogramming procedure, will be made available today on MDL and MEL.

Notification letters are scheduled to be mailed to owners of affected vehicles, beginning November 10, 2017, requesting they contact their local Authorized Mitsubishi dealership to schedule an appointment to have this recall performed.

Dealers must review the Warranty Superscreen to confirm if any vehicles in their new or used vehicle inventories are affected, and conduct this campaign prior to delivering them. When checking for applicability of this campaign (C1706M), **please check for any other open campaigns. Some affected vehicles may have SR-15-011, SR-16-001, and/or SR-16-008 recalls still open. Please ensure you have adequate inventory of affected parts to complete all open recalls.** Always obtain the customer's approval before completing a campaign on a customer owned vehicle."

IMPORTANT

Affected new or used inventory vehicles must be repaired before the vehicle is sold/delivered. Dealers must check their inventory vehicles' VINs on the Warranty Superscreen to verify whether the vehicle is involved in this recall campaign. It is a violation of Federal law for a dealer to sell/deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by the notification under a sale or lease until the defect or noncompliance is remedied.

TIN-17-SR-006-B: MIRAGE SRS WARNING LAMP ILLUMINATION SAFETY RECALL CAMPAIGN — *Certain 2014-2018 Mirage vehicles.*

TIN-17-SR-006-B was released recently and states:

"Customer letters for the Mirage SRS Warning Lamp Illumination Safety Recall Campaign are being mailed today, November 10, 2017, to

approximately 80,000 owners, requesting they contact their local Authorized Mitsubishi dealership to schedule an appointment to have this recall performed. **Several versions of the customer letters are being mailed, depending on whether the affected vehicles have SR-15-011 and/or SR-16-001, or SR-16-008 recall still open.** Below are samples of the customer letters being mailed, for your reference.

It is a violation of Federal law for a dealer to sell or deliver any affected vehicles in your new vehicle inventory until this recall has been performed. Please check the Most Recent: Open Campaign List e-report to identify affected vehicles in your new vehicle inventory.

Dealers are requested to reprogram the SRS-ECU software with countermeasure software that was posted on November 2, 2017 for download to MEDIC. Recall Campaign Bulletin SR-17-006, outlining the SRS-ECU reprogramming procedure, is available on MDL and MEL.

Dealers must review the Warranty Superscreen to confirm if any vehicles in their new or used vehicle inventories are affected, and conduct this campaign prior to delivering them. When checking for applicability of this campaign (C1706M), **please check for any other open campaigns. Some affected vehicles may have SR-15-011 (C1511A) and/or SR-16-001 (C1601A), or SR-16-008 (C1610M) recall still open. Please ensure you have adequate inventory of affected parts to complete all open recalls.** Always obtain the customer's approval before completing a campaign on a customer owned vehicle."

IMPORTANT

Affected new or used inventory vehicles must be repaired before the vehicle is sold/delivered. Dealers must check their inventory vehicles' VINs on the Warranty Superscreen to verify whether the vehicle is involved in this recall campaign. It is a violation of Federal law for a dealer to sell/deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by the notification under a sale or lease until the defect or noncompliance is remedied.

ATIN-17-SC-001-A: OUTLANDER ASC ECU REPROGRAMMING SERVICE CAMPAIGN — Certain 2017 Outlander vehicles.

ATIN-17-SC-001-A was released recently and states:

“A service campaign will be released today for the ASC ECU reprogramming on certain 2017 Outlander vehicles built between August 1, 2016 and July 3, 2017. **To maximize customer satisfaction with the quality of their new vehicle, we recommend this service campaign be completed prior to vehicle delivery to the customer.** If this is not possible, the vehicle can still be delivered, but please ask the customer to bring the vehicle back to the dealership to have the campaign completed.

Due to an inappropriate programming of the Active Stability Control (ASC) ECU, the Forward Collision Mitigation (FCM) function does not operate when the vehicle is in Neutral. This campaign bulletin instructs dealers to reprogram the ASC ECU with new software on all affected vehicles, which will allow the FCM to operate when the vehicle is in Neutral.

The Service Campaign Bulletin outlining the repair procedure will be available today on MEDIC and MDL.

Affected new vehicle inventory VINs can be reviewed on the Mitsubishi Dealer Link in the Most Recent: Open Campaign List available under the service section of “e-reports” beginning today.

Notification letters will be sent on December 8, 2017 to owners of affected vehicles, requesting they contact their local Authorized Mitsubishi dealership to schedule an appointment to have this service campaign performed.

When checking for applicability of this campaign (C1708R), please check for and complete any other open campaigns. Always get the customer’s approval before completing a campaign on a customer-owned vehicle.”

IMPORTANT

Affected new or used inventory vehicles must be repaired before the vehicle is sold/delivered. Dealers must check their inventory vehicles’ VINs on the Warranty Superscreen to verify whether the vehicle is involved in this recall campaign. It is a violation of Federal law for a dealer to sell/deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by the notification under a sale or lease until the defect or noncompliance is remedied.

ATIN-17-SR-008-A: I-MIEV PASSENGER SIDE FRONTAL AIR BAG INFLATOR SAFETY RECALL CAMPAIGN — Certain 2016-17 i-MiEV vehicles.

ATIN-17-SR-008-A was released recently and states:

“A recall campaign will be released today for the front passenger air bag inflator equipped on certain 2016 and 2017 i-MiEV vehicles built from February 5, 2015 to June 10, 2016. The Recall Campaign Bulletin, SR-17-008, outlining the repair procedure will be available today on MEDIC and MDL.

Vehicles equipped with a front passenger Takata air bag inflator containing ammonium nitrate, are at risk of inflator rupture during a collision. An inflator rupture may cause metal fragments to pass through the air bag and into the vehicle interior at high speed, which may result in injury or death to vehicle occupants.

Notification letters will be sent to owners of 144 affected vehicles, requesting they contact their local Certified Mitsubishi i-MiEV dealership to schedule an appointment to have this recall performed. If you are NOT a Certified Mitsubishi i-MiEV dealer and a customer contacts you regarding this recall, please refer the customer to Mitsubishi Customer Relations (888-648-7820), to assist the customer locate the nearest Certified Mitsubishi i-MiEV dealership.

The part used in this campaign (Part# 7030A918) is the same as that used in SR-17-001. Parts are readily available. Please ensure you have adequate inventory of affected parts to complete all open recalls.

Dealers must review the Warranty Superscreen to confirm if any vehicles in their new or used vehicle inventories are affected, and conduct this campaign prior to delivering them. When checking for applicability of this campaign (C1709E), please check for and complete any other open campaigns. Always obtain the customer’s approval before completing a campaign on a customer owned vehicle.

The replaced inflator must be returned to Takata directly for testing and analysis. Dealers must follow the return shipping procedure outlined in SR-17-008. **Please note that the air bag inflator return process for this campaign may be different from other Takata air bag inflator campaigns (e.g., SR-14-012, SR-15-007, and SR-16-002).**

Completion of this recall is an extremely important initiative for MMNA. To support completion of this recall, owners will be informed that a rental/loaner vehicle will be available to them during completion of this recall. Please prioritize this repair in your shop scheduling. To minimize inconveniences for your customers, please ensure every eligible customer is provided with a rental car upon request.”

IMPORTANT

Affected new or used inventory vehicles must be repaired before the vehicle is sold/delivered. Dealers must check their inventory vehicles’ VINs on the Warranty Superscreen to verify whether the vehicle is involved in this recall campaign. It is a violation of Federal law for a dealer to sell/deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by the notification under a sale or lease until the defect or noncompliance is remedied.



Page 1 of 1



Mitsubishi Motors North America, Inc.

Addendum

Addendum to 2018 Outlander PHEV Owner's Manual

Congratulations on your purchase of the all-new 2018 Outlander Plug-in Hybrid Electric Vehicle. With regards to your vehicle’s owner’s manual, we wanted to provide you with several updates and clarifications which will supersede the materials contained in that document.

1. On pages 3-21, 3-23, and 3-24 of the owner’s manual regarding the section, “Normal charging (charging method with rated AC 120 V outlet)”, the first sentence of the warning beginning, “Always use a grounded outlet....” on page 3-21, and the following warnings beginning,
 - “To reduce the risk of electric shock...” (page 3-23)
 - “To reduce the risk of electric shock...” (page 3-24)
 - “Always use an AC 120 V...” (page 3-24)

will be replaced by, **“To minimize the risk of electrical shock and/or a fire, always use an outlet rated AC 120 V that is grounded, protected by a ground-fault circuit interrupter, rated for 15 A or more, and connected to a dedicated circuit. Outlets located outdoors must be waterproofed. If you have any doubt whether your charging outlet meets these requirements, check with a licensed electrician.”**

2. On page 3-21 of the owner’s manual regarding the section, “Normal charging (charging method with rated AC 120 V outlet)”, the following warnings beginning,
 - “To reduce the risk of electric shock...”
 - “Never use an outlet that is worn...”

will be replaced by, **“Never use an outlet that is damaged or will not hold the plug firmly in place. Never use a plug that is bent or damaged. Failure to follow these instructions can result in an electric shock and/or fire.”**

3. On page 3-31 of the owner’s manual regarding the section, “Normal charging (using 240 V Electric Vehicle Supply Equipment)”, in the paragraph beginning, “For connecting/disconnecting the charging...”, the sentence, “Also, follow instructions provided with the 240 V EVSE” will be replaced by, **“Also, Mitsubishi recommends that all 240V home charging docks be installed by a licensed professional electrician using a dedicated circuit. Please review and follow the instructions provided with your charging dock.”**

4. On page 3-30 of the owner’s manual regarding the section, “EV charging cable”, the following warnings beginning,
 - “Always use an outlet protected by...”
 - “When using a non-waterproof outlet...”

will be replaced by, **“To minimize the risk of electrical shock and/or a fire, always use an outlet rated AC 120 V that is grounded, protected by a ground-fault circuit interrupter, rated for 15 A or more, and connected to a dedicated circuit. Outlets located outdoors must be waterproofed. If you have any doubt whether your charging outlet meets these requirements, check with a licensed electrician.”**

2018 Outlander PHEV Owner’s Manual Addendum

Training News



Technical Training Schedule January – February 2018

Always check MDL for schedule updates. Since Mobile Training does not appear on the calendars below, contact your District Parts & Service Manager for information about Mobile Training in your area.

EASTERN ZONE

New Jersey Technical Training Center

Jan					Feb				
M	T	W	Th	F	M	T	W	Th	F
1 H	2	3	4	5	29	30	31	1	2
8 MED4	9 ES3	10	11 PHEV	12	5	6	7 AT2T	8	9 AT3
15 H	16	17	18 ER1	19	12	13 MED4	14 STV4	15 PHEV	16
22	23	24	25 TC-SST	26 MTT2	19	20 H	21	22 ER1	23
29	30	31	1	2	26	27	28	1	2

Atlanta Technical Training Center

Jan					Feb				
M	T	W	Th	F	M	T	W	Th	F
1 H	2	3	4	5 ER1	29	30	31	1	2 AT3
8 STV4	9	10 ES3	11 PHEV	12	5	6 MED4	7 STV4	8	9 ABS2
15 H	16	17	18	19	12	13	14	15	16
22	23	24	25 TC-SST	26 MTT2	19	20 H	21	22	23 ES2
29	30	31	1	2 AT3	26	27	28 CVT	1	2 PHEV

WESTERN ZONE

Dallas Technical Training Center

Jan					Feb				
M	T	W	Th	F	M	T	W	Th	F
1 H	2	3	4 TC-SST	5 ES3	29	30	31	1	2 ABS2
8	9	10	11	12	5	6	7	8	9
15 H	16	17	18 CVT	19 STV4	12	13 PHEV	14	15 TC-SST	16 SP3
22	23	24	25 PHEV	26 ES2	19	20 H	21	22 ER1	23
29	30	31	1	2 AT3	26	27 ASCF	28 ASCF2	1	2 ES3

California Technical Training Center

Jan					Feb				
M	T	W	Th	F	M	T	W	Th	F
1 H	2	3	4	5	29	30	31	1	2
8	9 MED4	10 STV4	11	12 CC1	5	6	7	8	9 ASCF2
15 H	16	17	18	19	12	13	14	15	16
22	23	24	25	26	19	20 H	21	22	23
29	30	31	1	2	26	27	28	1	2

	DAYS	CODE	PREREQUISITES		DAYS	CODE	PREREQUISITES
Automatic Transaxles				Manual Transaxles			
40/50 Series Diagnosis & Repair	3	AT2T	ATF1 or ATFWE or ATFB	Manual Transaxles & Transfer Cases	3	MIT2	MTFW, ES1W, ME3W, MED4, STV4
50 Series 5-speed Diagnosis & Repair	1	AT3	AT2T	Twin Clutch Sportronic Shift Transmission	2	TC-SST	AESP, ES1W, ES2, STV4, ME3W, MED4, ATFWE, MIT2
CVT Diagnosis & Repair	2	CVT	ATF1 or ATFWE or ATFB	Vehicle Specific			
Brakes				Eclipse Spyder Convertible Top (Top Stack)	1	SP3	No Prerequisites
Antilock Brakes	2	ABS2	ES1W	Plug-In Hybrid Electric Vehicle	2	PHEV	AESP, ES1W, ES2, STV4, ME3W, 120 MED4, PHEV, R1234W
Electrical Systems				Eclipse Cross (Coming Soon)	-	-	NMNS, ME3W, STV4
Electrical Systems 2	3	ES2	ES1W	Vehicle Diagnostics			
Electrical Systems 3	2	ES3	ES1W	Advanced Electronic Service Procedures	-	AESP	No Prerequisites
Engine Performance				Advanced Safety & Convenience Features	1	ASCF	ES1W, ME3W, MED4, STV4
Advanced Emission Diagnosis	3	AED	ES1W, STV4, MFT2	Advanced Safety & Convenience Features 2	1	ASCF2	ASCF, ES1W, ME3W, MED4, STV4
Engine Repair	3	ER1	ERFW, ES1W, ME3W, MED4, STV4	MEDIC4	1	MED4	ME3W
Multipoint Fuel Injection	4	MFT2	ES1W, STV4	Scan Tool Viewer 4	1	STV4	No Prerequisites
Heating & A/C Systems							
Climate Control	2	CC1	MACW, ES1W, ME3W, MED4, STV4				

NEWS:

The 1st quarter technical quiz (TQ0118) is available 1/1/2018 at MitsubishiAcademy.com. It will be available through midnight March 31st and is required for Service Technicians who wish to obtain or maintain Diamond Pro Certification.

TECHLINE

(800) 446-6064



HOURS OF OPERATION:
Monday — Friday 6:30 am — 3:30 pm
Pacific Time

Beginning October 26, 2017 Techline is closed every other THURSDAY 9:30 - 10:30 A.M for a staff meeting.



MEDIC Information

MEDIC Hotline (800) 846-7575



HOURS OF OPERATION:
Monday — Friday 7:00 am — 4:00 pm
Pacific Time

MEDIC Hotline will assist with MEDIC & Scan Tool hardware or software issues.



Bulletin Review



Since Tech Talk 235, the following bulletins have been released.

2017 Technical Service Bulletins, Safety Recalls, & Service Campaigns

Date Posted	Publication Number	Publication Title	Applicable Models
11/2/2017	SR-17-006	Mirage SRS Warning Lamp Illumination - Safety Recall Campaign	2014-2018 Mirage
12/7/2017	SC-17-001	Outlander ASC ECU Reprogramming - Service Campaign	2017 Outlander
12/14/2017	SR-17-008	i-MiEV Passenger Side Frontal Air Bag Inflator - Safety Recall Campaign	2016-17 i-MiEV
12/14/2017	TSB-17-00-012	General PDI Procedures for 2018 Outlander PHEV	2018 Outlander PHEV
12/14/2017	TSB-17-00-013	Technical Specifications - 2018 Outlander PHEV	2018 Outlander PHEV
12/14/2017	TSB-17-00-014	New Model Features & Service Information - 2018 Outlander PHEV	2018 Outlander PHEV



TIN/ATIN Review



Since Tech Talk 235, the following TINs/ATINs have been released.

2017 Technical Information Notices, Advance Technical Information Notices			
Date Posted	Publication Number	Publication Title	Applicable Models
11/2/2017	ATIN-17-SR-006-A	Mirage SRS Warning Lamp Illumination Safety Recall Campaign	2014-2018 Mirage
11/3/2017	TIN-17-54-003	Unresponsive Audio System Buttons with iPhone (11.0/11.0.1) and Apple CarPlay – Resolved with iOS 11.1	2017-2018 Models with Display Audio with Smartphone Link – Mirage, Mirage G4, Lancer Limited Edition, Outlander Sport Limited Edition
11/10/2017	TIN-17-31-002	Accessory Black Wheel Lugs and Lock Exhibiting White Paint Marks	2018 Models with Accessory Black wheel lugs and lock – Eclipse Cross, Outlander Limited Edition, Outlander Sport Limited Edition, Outlander PHEV
11/10/2017	TIN-17-SR-006-B	Mirage SRS Warning Lamp Illumination Safety Recall Campaign	2014-2018 Mirage
12/7/2017	ATIN-17-SC-001-A	Outlander ASC ECU Reprogramming Service Campaign	2017 Outlander
12/14/2017	ATIN-17-SR-008-A	i-MiEV Passenger Side Frontal Air Bag Inflator Safety Recall Campaign	2016-17 i-MiEV
12/20/2017	TIN-17-00-006	2018 Mitsubishi Outlander PHEV – Important Launch Activities	2018 Outlander PHEV
12/20/2017	TIN-17-00-007	2018 Outlander PHEV Owner’s Manual Addendum	2018 Outlander PHEV



100 YEARS!!



100th Anniversary  **A century of innovation.**
Mitsubishi automobiles.

The following is a series of articles highlighting significant events in Mitsubishi Motors' first 100 years.

ON THE COVER: NEW 2018 OUTLANDER PHEV



In 2013, Mitsubishi Motors introduced the world's best-selling plug-in hybrid CUV, the Outlander PHEV. In December 2017, it arrived in the U.S. Equipped with twin electric motors and twin Super All-Wheel Control motors, brake regeneration, and all the latest technological advancements, it offers the best of both worlds - a CUV with all-wheel drive and environmentally responsible driving anywhere you choose to take it.

RE-MODEL A: MARRIAGE OF HERITAGE AND INNOVATION



Original Concept



Final Result



In 2017, Mitsubishi Motors partnered with the legendary aftermarket shop West Coast Customs, to merge into one vehicle the original Model A and the Outlander PHEV.

The vehicle retained the iconic look and styling of the Model A, but inside the shell contained all the technology of the Outlander PHEV, including the plug-in hybrid components, Super All-Wheel Control, and Forward Collision Mitigation. And yes - all fully functional!

The final result was unveiled at Mitsubishi Motors' U.S. Headquarters in November, 2017. And the entire process of the unique conversion was aired on public television on the show "Inside West Coast Customs."

For more behind-the-scene details on this collaboration, see the whole story on mitsubishimotors.com.



 **MITSUBISHI MOTORS**

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The information contained in this bulletin is subject to change. For the latest version of this document, go to the Mitsubishi Dealer Link, MEDIC, or the Mitsubishi Service Information website (www.mitsubishitechinfo.com).