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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

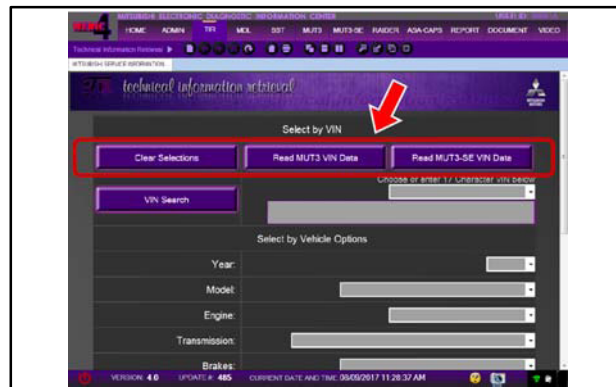
TIN-17-00-004: UPDATE TO MEDIC: TIR SEARCH ENHANCEMENTS — All models.

TIN-17-00-004 was released recently and states: “A MEDIC update (number M3485) has been posted for the MUT-III and MUT-III SE scan tool that is designed to improve your technicians' efficiency and productivity. This update provides enhanced searching capability by VIN on the Technical Information Retrieval (TIR) page. Be sure to download this latest update to utilize this new feature.

By clicking one of the new buttons “Read MUT3 VIN Data” or “Read MUT3-SE VIN Data” the TIR will automatically look up the last VIN that was connected to the scan tool. A new drop-down list is also available that will store the previous 10 VINs that were connected. As before, a VIN may still be manually entered in the space next to the “VIN Search” button.

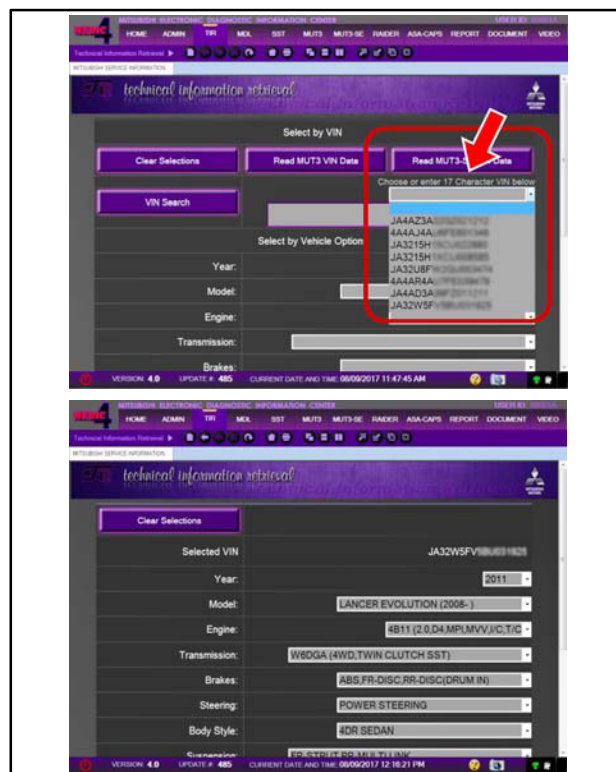
See below for more details.

1. On the MUT-III or MUT-III SE, click on the “TIR” tab. Above the existing “VIN Search” field there are 3 new buttons.



2. Click on either the “Read MUT3 VIN Data” or “Read MUT3-SE VIN Data” button to look up the last VIN that was connected to the respective scan tool.

3. Clicking on the new drop-down field below the words “Choose or enter 17 Character VIN below” will reveal the previous 10 VINs that were most recently connected to the scan tool. The desired VIN may be selected from this list. Continue as before to search for the applicable technical information.”



GROUP 23 – Automatic Transmission

TIN-17-23-001: REQUIRED PROCEDURES AFTER CVT ASSEMBLY REPLACEMENT — 2008-17 Lancer, 2014-17 Mirage, 2017 Mirage G4, 2008-17 Outlander, 2011-17 Outlander Sport/RVR.

TIN-17-23-001 was released recently and states:

“This TIN details the procedures required after replacing a CVT (Continuously Variable Transmission) assembly. When replacing a CVT assembly, valve body, or TCM (Transaxle Control Module), specific procedures are required depending on the type of CVT in the vehicle.

Refer to the table below as a general guideline for which procedures are needed after replacing a CVT assembly. Then follow the procedures in this TIN, referring also to the applicable Service Manual for detailed procedures on the individual vehicle.

PROCEDURE GUIDE AFTER CVT REPLACEMENT

CVT Type			Initialization Procedure for CVT Learned Value	Fluid Deterioration Level Erasing/ Reset	Writing New Calibration Value to TCM	CVT Learning Procedure	Test Drive	Starting Page in this TIN
	2WD	AWD						
CVT 2	F1CJA	W1CJA	Step 1	Step 2	–	Step 3	Step 4	2
CVT 7	F1CJB	–			–			4
CVT 8	F1CJC	W1CJC	Step 1	Step 2	Step 3	Step 4	Step 5	6

INITIALIZATION PROCEDURE FOR CVT LEARNED VALUES (CVT 2, CVT 7, CVT 8)

After the CVT assembly and/or the valve body assembly is replaced, their serial number and learned value must be initialized. (This procedure resets and clears all values in the TCM.)

FLUID DETERIORATION LEVEL ERASING/RESET (CVT 2, CVT 7, CVT 8)

The TCM records the deterioration level of the transmission fluid over time and usage conditions. After replacing the transmission fluid, use the MUT- III SE to reset the deterioration level that has been recorded in the TCM.

WRITING OF THE CALIBRATION VALUE TO THE TCM (CVT 8 only – F1CJC and W1CJC)

Each CVT assembly or valve body has its own unique calibrated shift points. This information must be transferred to the original or replaced TCM for proper operation and proper shift functioning of the CVT. This calibration file can be downloaded from the MDL or copied from the CD that comes with the component.

CVT LEARNING PROCEDURE (CVT 2, CVT 7, CVT 8)

After the initialization is complete, the TCM does not have any learned values. This may degrade the shifting operation quality. When the TCM, the CVT assembly, or the valve body assembly is replaced, perform the CVT learning procedure by using the scan tool and following the recommended steps.

TEST DRIVE (CVT 2, CVT 7, CVT 8)

After the necessary procedures above are completed, a test drive must be performed to verify proper operation of the CVT.

CVT TRANSMISSION IDENTIFICATION

The CVT assembly type must be identified correctly in order to apply the correct procedures after replacement. Incomplete or improper procedures will lead to poor shift performance, complaints from customers, return repairs, and possible transmission damage. The correct transmission can be identified from the information plate on the passenger or driver’s side B pillar, depending on model and model year (see illustration below). For example: the transmission identified on this plate is a W 1 C J C which, according to the chart on the first page, is a CVT 8 AWD.



WHEN REPLACING THE CVT ASSEMBLY: CVT 2 (F1CJA / W1CJA)

Remove the CVT assembly and replace with a new CVT assembly (Refer to Service Manual for procedures).

1. INITIALIZATION PROCEDURE FOR CVT LEARNED VALUES

- Move the selector lever to the "P" range and turn the ignition switch to the "LOCK" (OFF) position. Then, connect the MUT-III SE scan tool to the data link connector.
- Turn the ignition switch to the "ON" position (engine not running), and then move the selector lever to the "R" range.
- Depress the accelerator pedal while depressing the brake pedal (engine not running). In the CVT system of the MUT-III SE scan tool (System Select: ELC-AT/CVT/TC-SST), execute the clear DTC function for the CVT ECU (even if no codes are set).
- After initialization procedure is completed, proceed to the Fluid Deterioration Level Erasing/Reset procedure.

NOTE: Performing initialization of the CVT learned value will also erase the diagnostic trouble code (DTC).

2. FLUID DETERIORATION LEVEL ERASING/RESET

Use the MUT-III SE scan tool to reset the oil degradation level counter in the TCM.

- Turn the ignition switch to the "ON" position.
- In the CVT System of the MUT-III SE scan tool, execute the special function "CVT oil degradation level reset (item No.1: Clear CVT oil degradation level)." (System Select: ELC-AT/CVT/TC-SST: Special Function) This will delete and reset the transmission fluid deterioration level.
- Turn the ignition switch to the "LOCK" (OFF) position.

3. CVT LEARNING PROCEDURE

Follow the steps in the table below to perform CVT learning in the TCM.

Steps	Item	Contents
1	Learning procedure for engine idling	Refer to GROUP 00, General - Precautions before Service - Learning Procedures for Idling in MFI Engine
2	Fluid cooling	Park the vehicle in a cooler place, stop the engine, and leave the vehicle until the fluid temperature is lowered to the ambient temperature.
3	Learning in cold engine condition	(1) Fluid temperature measurement Use scan tool (M.U.T.-III SE) to measure the fluid temperature. (Check that the fluid temperature is the same as the ambient temperature.)
		(2) Line pressure and shift control learning Let the engine idle for 20 seconds in the "D" range.
		(3) Direct control learning Run the vehicle at 25 to 31 mph (40 to 50 km/h) for 5 seconds in the "D" range with steady operation.
4	Learning in hot engine condition	(1) Fluid temperature adjustment ⚠ CAUTION When the CVT fluid temperature does not increase to 176°F (80°C) in cold region, raise the fluid temperature to a maximum extent. Raise the fluid temperature to 176°F (80°C).
		(2) Direct control learning The same procedure as for "Learning in cold engine condition"

4. TEST DRIVE VEHICLE

Test drive the vehicle to confirm repair.

WHEN REPLACING THE CVT ASSEMBLY: CVT 7 (F1CJB / W1CJB)

1. PERFORM THE INITIALIZATION PROCEDURE

Remove the CVT assembly and replace with a new CVT assembly (Refer to Service Manual for procedures).

A. Move the selector lever to the “P” range and turn the ignition switch to the “LOCK” (OFF) position. Then, connect the MUT-III SE scan tool to the data link connector.

B. Turn the ignition switch to the “ON” position, and then move the selector lever to the “R” range.

C. Depress the accelerator pedal while depressing the brake pedal (engine not running). Use the MUT-III SE scan tool Special Function (System Select: ELC-AT/CVT/TC-SST: Special Function) to execute “Reset (item number 3: C/V initial & learned value)” while holding both accelerator and brake pedals down in the applied position.

D. Set the selector lever to the “P” range.

E. Turn the ignition switch to the “LOCK” (OFF) position, and then wait for 10 seconds.

CAUTION: Do not start the engine.

F. Turn the ignition switch to the “ON” position, and then wait for 10 seconds.

G. Check that “P” is displayed on the transmission range indicator on the multi-information display (MID) in the combination meter.

NOTE: “P” will disappear while the data is being read. “P” will appear in the MID when the data reading is complete.

H. Turn the ignition switch to the “LOCK” (OFF) position and then to the “ON” position. Then use the MUT-III SE scan tool to erase the “CVT oil degradation level” (Refer to the Service Manual, section 23A).

2. FLUID DETERIORATION LEVEL ERASING/RESET

A. Move the selector lever to the “P” range and turn the ignition switch to the “LOCK” (OFF) position. Then, connect the MUT-III SE scan tool to the data link connector.

B. Turn the ignition switch to the “ON” position.

C. Use the MUT-III SE scan tool Special Function to execute “CVT oil degradation level (item number 1: Clear CVT oil degradation level)”. (System Select: ELC-AT/CVT/TC-SST: Special Function)

D. Turn the ignition switch to the “LOCK” (OFF) position, and then wait for 10 seconds.

3. CVT LEARNING PROCEDURE

When the transaxle control module (TCM) is replaced or when the learned value is initialized, the TCM does not have any learned value. This may degrade the shift quality. The TCM learns by repeating normal driving.

In order to make the TCM learn faster, follow the procedures in the table below.

Steps	Item	Contents
1	Engine idling learning	Refer to <i>GROUP 00 - General, Precautions Before Service - Engine Idling Learning Procedure</i> .
2	Transmission fluid temperature measurement	Use the scan tool (M.U.T.-III SE) to measure the transmission fluid temperature (data list item number 21).
3	Transmission fluid temperature adjustment	Start the engine and warm it up until the transmission fluid temperature reaches approximately 176°F (80°C). If the transmission fluid temperature does not rise to 176°F (80°C) in cold climates, raise the fluid temperature as much as possible.
4	Secondary pressure sensor	1.Start the engine when the selector lever is in the "P" range and the vehicle is stopped. 2.Turn the ignition switch to the "LOCK" (OFF) position to stop the engine. 3.Wait for 30 seconds in the state described in Step 2. 4.Repeat above steps 1 to 3 three times to complete learning.
5	Select control learning	⚠ CAUTION When moving the selector lever from the "N" range to the "D" range, and from the "N" range to the "R" range, hold for five seconds or more in each range. 1.Start the engine, and move the selector lever from the "N" range to the "D" range and from the "N" range to the "R" range (two or three times each). If there is no shift shock, the learning is complete. 2.If the shift shock is large, move the selector lever from the "N" range to the "D" range and from the "N" range to the "R" range (up to 10 times each) and the learning is complete.
6	Shift control learning 1	1.Check that the "idle neutral active status (data list item number 40)" can be monitored by using the scan tool (M.U.T.-III SE). 2.Start the engine and wait for at least one minute. 3.Turn off the air conditioning. 4.While the selector lever is at the "D" range, drive the vehicle at 6.2 mph (10 km/h) or more. Then, stop the vehicle with the selector lever at the "D" range. 5.Depress the brake pedal to activate the idle neutral control, and wait for 30 seconds or more. 6.Carry out Step 4 and Step 5 again to complete learning.
7	Shift control learning 2	1.Start the engine. 2.Turn off the air conditioning. 3.While the selector lever is at the "D" range, depress the accelerator pedal by approximately 1/8 ^{*1} to accelerate to approximately 37 mph (60 km/h). Depress the brake pedal to decelerate and stop the vehicle. Turn the ignition switch to the "LOCK" (OFF) position to stop the engine and wait for five seconds. 4.If there is no shift shock, the learning at Step 3 is complete. If the shift shock is large, repeat Step 3 (up to five times). 5.While the selector lever is at the "D" range, depress the accelerator pedal by approximately 3/8 ^{*2} to accelerate to approximately 37 mph (60 km/h). Drive at a constant speed for five seconds, and depress the brake pedal to decelerate and stop the vehicle. Turn the ignition switch to the "LOCK" (OFF) position to stop the engine and wait for five seconds. 6.If there is no shift shock, the learning at Step 5 is complete. If the shift shock is large, repeat Step 5 (up to 10 times) and the learning is complete.

NOTE: ^{*1}Reference: Data list item number 15 "Accelerator position" on scan tool (M.U.T.-III SE) measures 10 to 15 percent.

NOTE: ^{*2}Reference: Data list item number 15 "Accelerator position" on scan tool (M.U.T.-III SE) measures 25 to 50 percent.

4. TEST DRIVE VEHICLE

Test drive the vehicle to confirm repair.

WHEN REPLACING THE CVT ASSEMBLY: CVT 8 (F1CJC / W1CJC)

NOTE: Basic steps for CVT 8 are listed below. For complete detailed procedures on CVT 8 component replacement (CVT assembly, valve body, and/or TCM), refer to TSB-15-23-001.

BEFORE replacing the CVT assembly:

- Record the new CVT part number and serial number which is stamped on the new CVT assembly. This information will be used to confirm the correct calibration ID data is written to the TCM.
- Remove the old CVT assembly and replace with a new CVT assembly (Refer to Service Manual for procedures).

1. PERFORM THE INITIALIZATION PROCEDURE

- A. Move the transmission selector lever to the "P" range and turn the ignition switch to the "LOCK" (OFF) position. Then, connect the MUT-III SE scan tool to the data link connector.
- B. Turn the ignition switch to the "ON" position (engine not running). Depress the brake pedal and move the transmission range selector lever to the "R" range.
- C. Depress the accelerator pedal while depressing the brake pedal (engine not running). In the CVT system of the MUT-III SE scan tool, Special Function (System Select: ELC-AT/CVT/TC-SST: Special Function) execute "Calibration value reset (item No.1: Calibration value reset)" while holding both accelerator and brake pedals down in the applied position.
- D. Set the selector lever to the "P" range. Release both pedals.
- E. Turn the ignition switch to the "LOCK" (OFF) position, and then wait for ten seconds.
- F. Turn the ignition switch to the "ON" position.
- G. Make sure that the selector lever is in the "P" or "N" range and that "P" or "N" is **not** displayed in the multi-information display (MID) of the combination meter.

2. FLUID DETERIORATION LEVEL ERASING/RESET

Use the MUT-III SE scan tool to reset the oil degradation level counter in the TCM.

- A. Turn the ignition switch to the "ON" position.
- B. In the CVT system of the MUT-III SE scan tool (System Select: ELC-AT/CVT/TC-SST: Special Function), execute the special function "CVT oil degradation level reset (item No.1: Clear CVT oil degradation level)" This will delete and reset the transmission fluid deterioration level. Operation complete.
- C. Turn the ignition switch to the "LOCK" (OFF) position.

3. WRITING OF THE CALIBRATION VALUE TO THE TCM

NOTE: This procedure is necessary for the CVT 8 ONLY.

- A. The first step is to transfer the calibration value data file (aka coding file) for the new CVT assembly to a USB memory stick and then to the MUT-III SE scan tool.
- B. Using the new CVT part number and serial number obtained at the beginning of this section ("BEFORE replacing the CVT assembly"), download the calibration data file either from the MDL (Mitsubishi Dealer Link), OR copy the calibration data file from the CD that was supplied with the new CVT assembly. Then save the file to a USB memory stick.

NOTE: Each calibration file is unique and cannot be interchanged with another CVT file.

- C. Insert the USB memory stick with the calibration data file into the MUT-III SE scan tool.
- D. Connect the scan tool to the data link connector of the vehicle.
- E. Turn the ignition switch to the "ON" position.
- F. In the CVT system of the MUT-III SE scan tool, Special Function (System Select: ELC-AT/CVT/TC-SST: Special Function), go to the "Write calibration value (Saved calibration value writing)" screen and select the same file name of the file that was transferred to the USB memory stick. This should be the same serial number from the new CVT assembly or the CD cover. Write the new CVT calibration file into the TCM of the vehicle.
- G. Make sure that the serial number on the "Saved calibration value writing" completion screen corresponds with the serial number of the new CVT assembly. Refer to the file name that was written down at the beginning of this procedure.

NOTE: If the file name does not correspond, repeat the operations from step A above.

H. The shift range symbol ("P" or "N") should now illuminate in the combination meter.

NOTE: If the shift range symbol ("P" or "N") in the multi-information display (MID) in the combination meter does not illuminate, repeat the operations from step A above.

I. Turn the ignition switch to the "LOCK" (OFF) position.

4. CVT LEARNING PROCEDURE

A. Start the engine.

B. Wait until the engine is warmed up. Then road test the vehicle for approximately one minute at 25 mph (40 km/h) or more.

C. Immediately after the road test, verify the following conditions in the CVT:

- No CVT-related diagnostic trouble code is set.
- A (non-CVT-related) DTC is set, but no trouble symptoms are identified.
- No abnormal operating concerns (e.g. abnormal noise).
- No fluid leaks.

D. Turn the ignition switch to the "LOCK" (OFF) position.

E. Turn the ignition switch to the "ON" position.

F. Teach the system a meeting point. All of the following conditions must be satisfied for approximately 90 seconds:

- Vehicle is stationary.
- Engine speed: 500 - 850 rpm (idling)
- Brake pedal: Keep depressed entire time
- Accelerator pedal: Released
- Selector lever in "D" range
- Transmission fluid temperature: 104 - 212 °F (40 - 100 °C)

G. Return transmission selector lever to the "P" range.

H. Turn the ignition switch to the "LOCK" (OFF) position.

5. TEST DRIVE VEHICLE

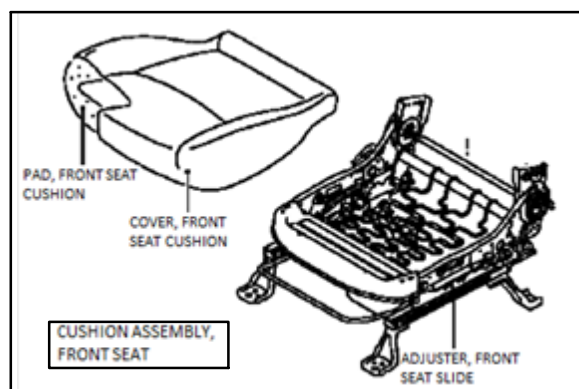
Test drive the vehicle to confirm repair."



GROUP 52A – Interior

✓ **FRONT SEAT SLIDE ADJUSTER REPLACEMENT** — 2011 & up Outlander Sport/RVR.

If the front seat slide adjuster requires replacement for any reason (OCM or seat weight sensor failure, problems with manual/power seat adjustment, etc.), replace the front seat slide adjuster **only**. The front seat cushion pad and cover is transferable to the new seat adjuster.



GROUP 54 – Chassis Electrical

HIGH MOUNT STOP LAMP LENS REPLACEMENT — 2004-11 *Endeavor*.

When repairing an affected Endeavor High Mount Stop Lamp Lens per TSB-11-54-003, “High Mount Stop Lamp Lens Cracked,” be advised that the high mount lamp assembly kit, p/n 8334A121, may no longer be available. Should you require the components of the kit, they are currently available under the following separate service part numbers:

- 8334A115 – High Mount Stop Lamp
- MS440516 – Retaining Nuts (2 required)
- MU800198 – Harness Clip

Follow the instructions provided in the high mount stop lamp packaging or TSB-11-54-003 to complete the repair.



GROUP 60 – Recalls

ATIN-16-SR-009-B: WINDSHIELD WIPER LINK SAFETY RECALL CAMPAIGN — *Certain 2007-13 Outlander*.

ATIN-16-SR-009-B was released recently and states:

“In December 2016, owners were notified of a safety related defect involving the windshield wiper link rod on certain 2007 – 2013 Outlander vehicles built from September 8, 2006 to March 29, 2013. At that time, parts to provide a permanent remedy were not available. Those parts are now available and the recall campaign will be released today. Additionally, another recall campaign will be released today for the front windshield wiper motor on the same vehicles.

Customer letters for both campaigns are being mailed this week to approximately 100,000 owners, informing them that there is a windshield motor recall on their vehicle and that remedy parts are now available for the windshield wiper link recall. Owners are requested to contact their local Authorized

Mitsubishi dealership to schedule an appointment **to have both recalls performed**. If the customer contacts your dealership after receiving this letter, please perform the procedures outlined in SR-17-003 “Windshield Wiper Motor – Safety Recall Campaign” **AND** SR-16-009 “Windshield Wiper Link – Safety Recall Campaign” on the affected vehicle. A sample copy of the customer letter is included for your reference.

Both Recall Campaign Bulletins, SR-17-003 and SR-16-009, outlining the wiper motor and wiper link rod replacement procedures will be available today on MEDIC and MDL. Barring extraordinary circumstances, **both recalls must be completed at the same time**. The time needed for completion of both recalls simultaneously are reflected in the allotted Labor Times.

Some dealers have been force allocated wiper motor and wiper link rod stock using a formula based on the proximity and percentage of applicable registered VINs by ZIP code. Parts shipments were processed via the ‘R’ order type and started shipping along with your scheduled stock order beginning 07/27/2017. Dealers may place additional orders via the MDL. Please refer to Parts Bulletin WL-OU-01-17 for additional information.

Dealers must review the Warranty Superscreen to confirm if any vehicles in their new or used vehicle inventories are affected, and conduct both campaigns prior to delivering them. When checking for applicability of these campaigns (C1613R and C1613S), please check for and complete any other open campaigns. 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-003-A: WINDSHIELD WIPER MOTOR SAFETY RECALL CAMPAIGN — *Certain 2007-13 Outlander.*

TIN-17-SR-003-A was released recently and states:

“A recall campaign will be released today for the front windshield wiper motor on certain 2007 – 2013 Outlander vehicles built from September 8, 2006 to March 29, 2013.

Water can potentially drop down onto the front wiper motor through a gap between the front deck garnish (the body piece between the hood and windshield) and the front windshield. If this occurs, water could potentially collect in the area of the wiper motor breathing hole. If the wiper motor is not operating, this water can then potentially enter the wiper motor through the breathing hole. If this occurs, such water intrusion over time may cause internal corrosion and/or electrical conduction failure resulting in non-operation of the windshield wiper motor. If the windshield wiper motor stops operating, the driver will not be able to activate the windshield wipers, reducing driver visibility under certain conditions and increasing the risk of a vehicle crash.

In December 2016, owners of the same vehicles were notified of a similar safety related defect involving the windshield wiper link rod. At that time, parts to provide a permanent remedy were not available. Those parts are now available and the recall campaign for the windshield wiper link rod will also be released today.

Notification letters will be sent to approximately 100,000 owners of affected vehicles, requesting they contact their local Authorized Mitsubishi dealership to schedule an appointment **to have both recalls performed**. If the customer contacts your dealership after receiving this letter, please perform the procedures outlined in SR-17-003 “Windshield Wiper Motor – Safety Recall Campaign” **AND** SR-16-009 “Windshield Wiper Link – Safety Recall Campaign” on the affected vehicle. A sample copy of the customer letter is included for your reference.

Both Recall Campaign Bulletins, SR-17-003 and SR-16-009, outlining the wiper motor and wiper link rod replacement procedures will be available today on MEDIC and MDL. Barring extraordinary circumstances, **both recalls must be completed at the same time**. The time needed for completion of both recalls simultaneously are reflected in the allotted Labor Times.

Some dealers have been force allocated wiper motor and wiper link rod stock using a formula based on the proximity and percentage of applicable registered VINs by ZIP code. Parts shipments were processed via the ‘R’ order type and started shipping along with your scheduled stock order beginning 07/27/2017. Dealers may place additional orders via the MDL. Please refer to Parts Bulletin WM-OU-01-17 for additional information.

Dealers must review the Warranty Superscreen to confirm if any vehicles in their new or used vehicle inventories are affected, and conduct both campaigns prior to delivering them. When checking for applicability of these campaigns (C1613S and C1613R), please check for and complete any other open campaigns. 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-002-C: DOOR LATCH SAFETY RECALL CAMPAIGN – “REMEDY AVAILABLE” CUSTOMER LETTERS — *Certain 2016 Outlander and Outlander Sport/RVR.*

TIN-17-SR-002-C was released recently and states:

“Customer letters for the Door Latch Safety Recall Campaign will be mailed on Friday, August 25, 2017 to owners of certain 2016 Outlander vehicles built from May 11, 2015 to March 14, 2016 and 2016 Outlander Sport vehicles built from January 11, 2016 to July 8, 2016, informing them that remedy parts are now available. If recalls SR-16-006, “CVT Hesitation – Safety Recall Campaign,” and/or SR-16-011, “Lift Gate Gas Spring Corrosion – Safety Recall Campaign,” are open, owners will be reminded in the notification letter. The sample customer notification letters appear at the end of this Technical Information Notice, and are as follows:

1. SR-17-002 (Sample A)
2. SR-17-002, SR-16-006 (Sample B)
3. SR-17-002, SR-16-011 (Sample C)
4. SR-17-002, SR-16-006, SR-16-011 (Sample D)

Recall Campaign Bulletin SR-17-002, outlining the repair procedure, has been made available on MDL and MEL. **The number of door latches to be replaced and the door latch part numbers are VIN-specific.** Prior to starting repairs, it is imperative that you first check the Warranty Superscreen for the applicable Campaign Operation Numbers. Cross reference the Campaign Operation Numbers with the Part Numbers in the PARTS INFORMATION section of SR-17-002 to determine the correct part numbers and affected latches for each vehicle.

Some dealers have been force allocated stock for SR-17-002 using a formula based on the proximity and percentage of applicable registered VINs by ZIP code. Parts shipments were processed via the 'R' order type and started shipping along with your scheduled stock order beginning 08/23/2017. Dealers may place additional orders via the MDL. In addition, please ensure you have adequate inventory of parts to support customers affected by SR-16-011, "Lift Gate Gas Spring Corrosion – Safety Recall Campaign."

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 (C1702A, C1702B, C1702C, or C1702D), please check for and complete SR-16-006 (C1607Z), SR-16-011 (C1614Z), and any other open campaigns. 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.



IMPORTANT SAFETY RECALL

This notice applies to your vehicle.

Date: August 2017

Dear FIRSTNAME LASTNAME,

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Reason for notice: Mitsubishi Motors North America, Inc. (MMA) has decided that a defect which relates to motor vehicle safety exists in certain 2016 Outlander and Outlander Sport vehicles. Due to inappropriate manufacturing processes involving certain components inside the door latch, certain dimensions of these components may be out of specification. As a result, the door latch mechanism may not securely latch in high temperature conditions. If this occurs and the door mechanism does not securely latch, the door could inadvertently open while the vehicle is in motion, creating a risk of injury.

What you should do: Please contact your local Mitsubishi Motors dealer and schedule an appointment to have the affected door latches replaced. When you bring your vehicle in, please show the dealer this letter. If you replace this letter, the dealer will not perform these repairs for your vehicle, free of charge.

What your dealer will do: The dealership will replace the affected door latches with remedy parts.

How long will it take? The time needed for this repair is approximately 1.5 hrs. The dealer may need your vehicle for a longer period of time, but every effort will be made to minimize your inconvenience.

If you experience any problem having your vehicle repaired promptly and/or at no charge, please inform us by calling the Mitsubishi Customer Relations Department at 888-448-7828 (Hours: Monday through Friday 7 a.m. to 4 p.m. (Pacific Time)).

If, after contacting Mitsubishi Customer Relations, you still have a problem getting this repair made promptly and/or without charge, you may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE, Washington, D.C. 20590, or call the toll-free vehicle safety hotline at 1-888-327-4226 (TTY: 1-800-424-9153), or go to <http://www.safercar.gov>.

If you have already encountered a problem with your vehicle as a result of this specific condition and have paid for the repair, you may send your original repair order (receipt or invoice) and original receipt(s) of payment to the following address for reimbursement consideration: Mitsubishi Customer Relations Department, P.O. Box 6420, Cypress, CA 90630-0064.

If you are the owner of this vehicle, please forward a copy of this notice to the lessee within ten days to comply with Federal regulations.

Sincerely,
Mitsubishi Motors North America, Inc.



IMPORTANT SAFETY RECALL

This notice applies to your vehicle.

Date: August 2017

Dear FIRSTNAME LASTNAME,

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Reason for notice: Mitsubishi Motors North America, Inc. (MMA) has decided that a defect which relates to motor vehicle safety exists in certain 2016 Outlander and Outlander Sport vehicles. Due to inappropriate manufacturing processes involving certain components inside the door latch, certain dimensions of these components may be out of specification. As a result, the door latch mechanism may not securely latch in high temperature conditions. If this occurs and the door mechanism does not securely latch, the door could inadvertently open while the vehicle is in motion, creating a risk of injury.

What you should do: Please contact your local Mitsubishi Motors dealer and schedule an appointment to have the affected door latches replaced. When you bring your vehicle in, please show the dealer this letter. If you replace this letter, the dealer will not perform these repairs for your vehicle, free of charge.

What your dealer will do: The dealership will replace the affected door latches with remedy parts.

How long will it take? The time needed for this repair is approximately 1.5 hrs. The dealer may need your vehicle for a longer period of time, but every effort will be made to minimize your inconvenience.

If you experience any problem having your vehicle repaired promptly and/or at no charge, please inform us by calling the Mitsubishi Customer Relations Department at 888-448-7828 (Hours: Monday through Friday 7 a.m. to 4 p.m. (Pacific Time)).

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Sincerely,
Mitsubishi Motors North America, Inc.

Training News



Technical Training Schedule September 2017 – October 2017

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

Sept				
M	T	W	Th	F
28	29	30	31	1
4	5	6	7	8
H		ER1		
11	12	13	14	15
		MFI		
18	19	20	21	22
MED4	STV4	ES2		
25	26	27	28	29

Oct				
M	T	W	Th	F
2	3	4	5	6
		ER1		
9	10	11	12	13
16	17	18	19	20
		CANCELLED		
23	24	25	26	27
30	31	1	2	3
		PHEV	PHEV	

Atlanta Technical Training Center

Sept				
M	T	W	Th	F
28	29	30	31	1
4	5	6	7	8
H		ER1		
11	12	13	14	15
18	19	20	21	22
ASC2	ASC2	CVTT		
25	26	27	28	29
		TC-SST	MEVTT	

Oct				
M	T	W	Th	F
2	3	4	5	6
9	10	11	12	13
MED4	STV4	ES2		
16	17	18	19	20
23	24	25	26	27
		ER1	MEVTT	
30	31	1	2	3

WESTERN ZONE

Dallas Technical Training Center

Sept				
M	T	W	Th	F
28	29	30	31	1
4	5	6	7	8
H		CVTT	ASC2	
11	12	13	14	15
		AT2T	AT3	
18	19	20	21	22
		ES2		
25	26	27	28	29
STV4	MED4	MEVTT	ASC2	
		MTT2		

Oct				
M	T	W	Th	F
2	3	4	5	6
9	10	11	12	13
16	17	18	19	20
		PHEV	PHEV	
23	24	25	26	27
		PHEV	PHEV	
30	31	1	2	3
ASC2	ASC2	ER1		

California Technical Training Center

Sept				
M	T	W	Th	F
28	29	30	31	1
4	5	6	7	8
H				
11	12	13	14	15
		MFI		
18	19	20	21	22
25	26	27	28	29

Oct				
M	T	W	Th	F
2	3	4	5	6
		PHEV	PHEV	
9	10	11	12	13
		PHEV	PHEV	
16	17	18	19	20
23	24	25	26	27
30	31	1	2	3

Days	Code	Prerequisites
Automatic Transaxles		
40/50 Series Diagnosis & Repair	3	AT2T ATFT1 or ATFW or ATFB
50 Series 5-speed Diagnosis & Repair	1	AT3 AT2T
CVT Diagnosis & Repair	2	CVTT ATFT1 or ATFW or ATFB
Brakes		
Antilock Brakes	2	ABS2 ES1W
Electrical Systems		
Electrical Systems 2	3	ES2 ES1W
Electrical Systems 3	2	ES3 ES1W
Engine Performance		
Advanced Emission Diagnosis	3	AED ES1W, STV4, MFT2
Engine Repair	3	ER1 ERFW, ES1W, ME3W, MED4, STV4
Multiport Fuel Injection	4	MFT2 ES1W, STV4
Heating & A/C Systems		
Climate Control	2	CC1 MACW, ES1W, ME3W, MED4, STV4

Days	Code	Prerequisites
Manual Transaxles		
Manual Transaxles & Transfer Cases	3	MTT2 MTFW, ES1W, ME3W, MED4, STV4
Twin Clutch Sportronic Shift Transmission	2	TC-SST AESP, ES1W, ES2, STV4, ME3W, MED4, ATFW, MTT2
Vehicle Specific		
Eclipse Spyder Convertible Top (Top Stack)	1	SP3 No Prerequisites
Mitsubishi Electric Vehicle Technician Training	2	MEVTT AESP, ES1W, ES2, STV4, ME3W, MED4, 120
Plug-In Hybrid Electric Vehicle	2	PHEV MEVTT
Vehicle Diagnostics		
Advanced Electronic Service Procedures	-	AESP No Prerequisites
Advanced Safety & Convenience Features	1	ASC2 ES1W, ME3W, MED4, STV4
Advanced Safety & Convenience Features 2	1	ASC2 ASCF, ES1W, ME3W, MED4, STV4
MEDIC4	1	MED4 ME3W
Scan Tool Viewer 4	1	STV4 No Prerequisites

NEWS:

The all new **Engine Repair** curriculum launched April 1, 2017. It consists of a web-based introductory course (Engine Repair Fundamentals, ERFW) and a 3-day classroom course (Engine Repair, ER1) conducted at Mitsubishi training centers only. Technicians must successfully complete ERFW, ES1W, STV4, ME3W, and MED4 prior to enrolling in ER1. Completion of the two new Engine Repair courses will be required for the 2017 DiamondPro Recognition Program. In addition, beginning October 1, 2017, ERFW will be added as a required **Core Course** and ER1 will be added as a required **Specialty Course**.

TECHLINE

(800) 446-6064



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

Techline is closed every 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 232, the following
bulletins have been released.

2017 Technical Service Bulletins, Safety Recalls, & Service Campaigns			
Date Posted	Publication Number	Publication Title	Applicable Models
7/26/2017	TSB-17-54-003	Main Drive Battery Cannot Be Charged to Full Available Capacity - Warranty Extension - Revised	2012-13 i-MiEV
7/27/2017	SR-17-003	Windshield Wiper Motor – Safety Recall Campaign	2007-13 Outlander
7/27/2017	SR-16-009	Windshield Wiper Link – Safety Recall Campaign	2007-13 Outlander
8/15/2017	TSB-17-00-002	General PDI Procedures for 2018 Models (Except PHEV)	2018 Models except PHEV
8/15/2017	TSB-17-00-003	Technical Specifications – 2018 Mirage	2018 Mirage
8/15/2017	TSB-17-00-004	New Model Features & Service Information – 2018 Mirage	2018 Mirage
8/15/2017	TSB-17-00-005	Technical Specifications – 2018 Mirage G4	2018 Mirage G4
8/15/2017	TSB-17-00-006	New Model Features & Service Information – 2018 Mirage G4	2018 Mirage G4
8/15/2017	TSB-17-54-004	Replacement Procedure of ETACS ECU – Service Manual Revision	2008-10 Lancer, Lancer Ralliart, Lancer Evolution, 2010 Lancer Sportback, 2007-10 Outlander



TIN/ATIN Review



Since Tech Talk 232, the following TINs/ATINs have been released.

2017 Technical Information Notices, Advance Technical Information Notices			
Date Posted	Publication Number	Publication Title	Applicable Models
7/27/2017	ATIN-16-SR-009-B	Windshield Wiper Link Safety Recall Campaign	Certain 2007-13 Outlander
7/27/2017	ATIN-17-SR-003-A	Windshield Wiper Motor Safety Recall Campaign	Certain 2007-13 Outlander
8/10/2017	TIN-17-00-004	Update to MEDIC: TIR Search Enhancements	All models
8/17/2017	TIN-17-23-00-001	Required Procedures after CVT Assembly Replacement	2008-17 Lancer, 2014-17 Mirage, 2017 Mirage G4, 2008-17 Outlander, 2011-17 Outlander Sport/RVR
8/23/2017	TIN-17-SR-002-C	Door Latch Safety Recall Campaign – “Remedy Available” Customer Letters	Certain 2016 Outlander and Outlander Sport/RVR

===== ” =====

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.

2003: OUTLANDER - 1st GENERATION



In 2003, the first generation Outlander arrived in North America. Originally introduced in Japan in 2001, it was based on the Mitsubishi ASX (Active Sports Crossover) concept vehicle shown at the 2001 North American International Auto Show.

2007: OUTLANDER - 2nd GENERATION



In October 2006, Mitsubishi launched the second generation Outlander. The North American version, featuring the newly designed 6B31 3.0L V6 SOHC MIVEC engine, was shown at the New York Auto Show in April 2006.

ON THE COVER: 2018 OUTLANDER SPORT

The newest generation Outlander Sport has a redesigned front grille, rear bumper and tailgate garnish, along with additional noise insulation for a quieter ride.