



TECH TALK

Volume 204, January, 2014

In This Issue

- Vehicle Technical Info..... page 1
- Techline Information..... page 2
- MEDIC Information..... page 2
- Training News..... page 3
- Tips from the Toolman..... page 4
- Bulletin Review..... page 4

NOTE: The ✓ mark is used as a reminder, indicating an article that has been repeated from a previous issue of Tech Talk.

Vehicle Technical Info

GROUP 00 – General

NEW WEBSITE ADDRESS FOR SPECIAL TOOLS AND EQUIPMENT — All models. MMNA’s special tools vendor is now Bosch and the website address has changed to mitsubishi.service-solutions.com. Make a note of this change in the “favorites” list of your web browser. The phone numbers for information and ordering have not changed.



GROUP 31 – Wheel & Tire

TPMS TRANSMITTER REPLACEMENT — 2014 Mirage. The TPMS transmitters for the 2014 Mirage cannot be interchanged with other vehicles. Part number 4250D585 is the only transmitter that should be used on the Mirage. The body of other transmitters interferes with the Mirage’s wheel rim because of rim diameter differences and dimensional differences between the two transmitters. Using the incorrect transmitter on the Mirage will lead to a damaged transmitter and a repeat repair.

GROUP 42A – Body

✓ 2014 OUTLANDER ELECTRIC LIFTGATE DOES NOT FUNCTION — 2014 Outlander. REVISION: The electric liftgate system can be turned off using the master switch located in the front of the console next to the key box. Unless this button is in the ACTIVE position (pressed in), the liftgate will not operate electrically. As recommended in TSB-13-00-014REV, place the master switch in the ACTIVE position during PDI.

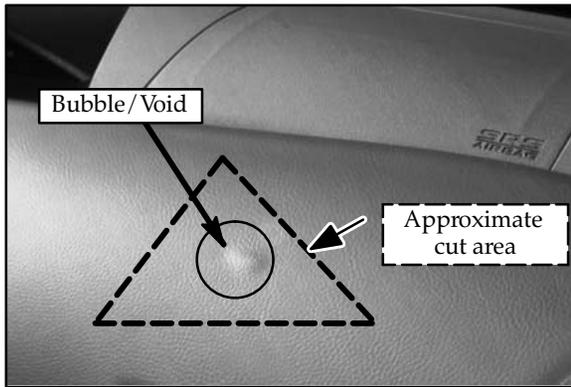


When operating the liftgate using the internal dash mounted switch (left side of the steering column), the liftgate will not open unless ALL doors are unlocked. If only the driver’s door is unlocked, a warning is heard when the switch is pressed and the gate does not open. This does not affect the tailgate mounted switch.

GROUP 52A – Interior

✓ INSTRUMENT PANEL DEFORMATION — 2013-14 Outlander Sport, 2004-11 Endeavor,

2004–12 Galant, 2006–12 Eclipse, 2007–12 Eclipse Spyder. When requested to return an instrument panel (I/P) from affected vehicles that exhibit a bubble, void or separation in the surface, you are not required to send the entire I/P. Refer to the following photo and, using an appropriate saw, cut out an area of the I/P around the blemish and return it (cuts should be 1 ½ - 2" from the blemish). You may discard the rest of the I/P.



The actual shape of the cut piece is left up to the technician, but it must include the blemish and the plastic understructure, not just the soft material. If the location of the blemish prevents cutting a piece of the requested size, a smaller sample is acceptable. This information was also posted in the December, 2011 Warranty Monthly Banner.



GROUP 54 – Chassis Electrical

CHANGING THE RADIO RECEPTION MODE

— 2014 models with Display Audio System or

MMCS. For affected vehicles, customers have the option of selecting whether they want HD (digital), or standard (analog) radio reception, or they can choose to have the radio select the signal automatically. The default setting for these units is “HD Radio Receive - On” with the “HD Radio Setting” set to “AUTO” and the unit will automatically play radio in HD mode if it is available. However, customers who live on the edge of HD radio reception areas may notice an audible change as the radio switches back and forth between digital and analog signals.

This setting can be changed on the Display Audio unit by pressing the “MENU button,” then touching the “Setting” button on the screen and selecting “Radio Setting.” For MMCS, touch the “Radio Settings” button on the screen, then make the desired changes by touching the screen. If a customer reports this condition, refer them to the Display Audio Owner’s Manual or the MMCS Owner’s Manual shipped in the glovebox of their vehicle. Instructions are included for customers to follow and customize HD reception preference and other audio settings.

Radio Setting
You can change the radio reception mode and the display language for PTY filter. You can set this for both FM and AM.

1 Press the **MENU** key. The top menu is displayed.

2 Touch **Setting**, and then **Radio Setting**.

3 Set individual items.

Set value bold typeface indicates factory default settings.		
Settings name	Settings value	Settings content
PTY Language	English Francis Español	You can change the display language for PTY filter.
HD Radio Receive	On Off	Set whether or not to receive digital radio.
HD Radio Setting	Auto Digital Analog	Receive mode can be set when the HD Radio Receive settings are "On". If "Auto" is set, digital reception is used. If digital reception is no longer possible, it will automatically switch to analog reception.

ADVICE
• Radio settings can also be accessed from the radio broadcast information screen



TECHLINE

(800) 446-6064

HOURS:
Monday — Friday
6:30 – 11:30 am & 12:30 – 3:30 pm
All times are Pacific Time

NOTE: Techline is closed every THURSDAY from 9:30 – 10:30 A.M (Pacific) for a staff meeting.

TECHLINE will be closed Monday, January 20, 2014 in observance of Martin Luther King Jr. Day.



MEDIC Information

MEDIC Hotline (800) 846-7575

Call the MEDIC Hotline for ALL MEDIC & Scan Tool hardware or software issues. Call TECHLINE for vehicle technical issues.

As of 12/23/13: Total Hits - 6195 Reflash Database - N13112

MEDIC 3 Version - 3.2 MEDIC 3 Update - 236

MUT-III Version - 29.0 Raider Scan Tool Version - 6.0

Training News

Technical Training Schedule January - February, 2014

Always check the MDL for schedule updates. Mobile Training does not appear on these calendars. Contact your District Parts & Service Manager for information about mobile training in your area.

THIS SCHEDULE INCLUDES CHANGES TO CLASSES ANNOUNCED IN DECEMBER.

East Zone - N.J. Tech Training Center

East Zone - Atlanta Tech Training Center

January						February					
M	T	W	Th	F		M	T	W	Th	F	
30	31	1	2	3		3	4	5	6	7	
H	H	H					141	ASCF	ABS2		
6	7	8	9	10		10	11	12	13	14	
ES2			MEVTT								
13	14	15	16	17		17	18	19	20	21	
						H	MACT		AACT1		
20	21	22	23	24		24	25	26	27	28	
H	MED2		STV3	141		CVTT		TC-SST			
27	28	29	30	31							
MFIT2											

January						February					
M	T	W	Th	F		M	T	W	Th	F	
30	31	1	2	3		3	4	5	6	7	
H	H	H					141	SP3	ABS2		
6	7	8	9	10		10	11	12	13	14	
MTT			TC-SST			CVTT			MEVTT		
13	14	15	16	17		17	18	19	20	21	
						H	MACT		AACT1		
20	21	22	23	24		24	25	26	27	28	
H	MED2		STV3	141							
27	28	29	30	31							

West Zone-Dallas Tech Training Center

California Technical Training Center

January						February					
M	T	W	Th	F		M	T	W	Th	F	
30	31	1	2	3		3	4	5	6	7	
H	H	H									
6	7	8	9	10		10	11	12	13	14	
STV3	MED2	ES1				MFI					
13	14	15	16	17		17	18	19	20	21	
MFI						H	MTT				
20	21	22	23	24		24	25	26	27	28	
H	EN1					TC-SST	141	ASCF			
27	28	29	30	31		MED2	STV	MEVTT			
141		ASCF	MACT								
CVTT		TC-SST									

January						February					
M	T	W	Th	F		M	T	W	Th	F	
30	31	1	2	3		3	4	5	6	7	
H	H	H					141	ES3			
6	7	8	9	10		10	11	12	13	14	
13	14	15	16	17		17	18	19	20	21	
						H					
20	21	22	23	24		24	25	26	27	28	
H											
27	28	29	30	31							

	Days	Code	Prerequisites		Days	Code	Prerequisites
Automatic Transaxles				Manual Transaxles			
40/50 Series Diagnosis & Repair	3	AT2T	ATFT1 or ATFWE or ATFB	Manual Transaxles & Transfer Cases	3	MTT	No Prerequisites
50 Series 5-speed Diagnosis & Repair	1	AT3	AT2T	Twin Clutch Sportronic Shift Transmission	2	TC-SST	AESP, ES1, ES2, STV3, MED2, MED3, ATFWE, MTT
CVT Diagnosis & Repair	2	CVTT	ATFT1 or ATFWE or ATFB				
Brakes				Vehicle Specific			
Antilock Brakes	2	ABS2	ES1	Eclipse Spyder Convertible Top (Top Stack)	1	SP3	No Prerequisites
Electrical Systems				2014 Outlander Technology	1	141	ES1, MED2, MED3, STV3
Electrical Systems 2	3	ES2	ES1	Mitsubishi Electric Vehicle Technician Training	2	MEVTT	AESP, ES1, ES2, STV3, MED2, MED3, 120
Electrical Systems 3	2	ES3	ES1				
Engine Performance				Vehicle Diagnostics			
Advanced Emission Diagnosis	3	AED	ES1, STV3, MFIT2	Advanced Electronic Service Procedures	-	AESP	No Prerequisites
Engine Technology & Diagnosis	3	EN1	No Prerequisites	Advanced Safety Features	1	ASF	ES1, MED2, MED3, STV3
Multipoint Fuel Injection	4	MFIT2	ES1, STV3	MEDIC II	1	MED2	No Prerequisites
Heating & A/C Systems				Scan Tool Viewer (MUT-III)	1	STV3	No Prerequisites
Manual A/C Systems	2	MACT	No Prerequisites				
Automatic A/C Systems	1	AACT1	ES1				

NEWS: Diamond Pro award status is currently being calculated and reviewed. The process for Diamond Pro Technician awards is scheduled to be completed by mid-late February, with actual announcement being made shortly thereafter.

Tips From the Toolman

VCI LITE NOW AVAILABLE



The next generation Vehicle Communication Interface (VCI-Lite), is now available for purchase from BOSCH. This newer interface is smaller, yet faster than the original VCI; it also ensures continued compatibility with future generations of MUT software. However, the VCI-Lite no longer supports standalone operation or an oscilloscope function.

To purchase, order the following part numbers from BOSCH (1-888-727-6672). **Note:** New cables are required for the VCI-Lite. The older VCI Cables are **not** compatible.

- MB992744 VCI Lite
- MB992745 MUT-III Cable, Main-A
- MB992746 MUT-III Cable, Main-B
- MB992747 Mini USB Cable (S) (1 ft.)
- MB992748 *Optional 10ft Mini USB Cable. Replaces standard 1 ft. cable.*

Bulletin Review

The following information was recently released:

Number	Title	Vehicles	Subject
SC-13-004	ECM Reprogramming for MIL Illuminates, DTC P1241 or P061A Stored in ECM	2008-14 Lancer based models with turbocharged engine	Instructs dealers to reprogram the ECM of affected vehicles to reduce the possibility of false MIL illumination.
TSB-13-13-009	ECM Reprogramming for MIL Illuminates, DTC P1235 or P0068 Stored in ECM	2008-14 Lancer Evolution	Instructs dealers to reprogram the ECM of affected vehicles to reduce the possibility of false MIL illumination.
TSB-13-15-001	Catalytic Converter (DTC P0421 or P0431 May Be Set) Warranty Extension	2006-08 Galant Eclipse/ Eclipse Spyder	Extends Catalytic Converter Warranty on certain vehicles to 10yrs./10,000 miles
TSB-13-17-002	Revised ACC/FCM ECU Diagnosis (Including DTC C1753) - SMR	2014 Outlander	Revises diagnosis steps for DTC C1753 - Radar Blockage Detected.
TSB-13-42A-006	Revised Power Window Main Switch Terminal Check - SMR	2014 Outlander Sport	Revises power window main wiring diagrams to match vehicle configuration.



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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).