



Technical Service Bulletin

SUBJECT:			No: TSB-21-54-005
UPDATES TO MULTI INFORMATION DISPLAY SCREEN - SERVICE MANUAL REVISION			DATE: October 2021
			MODEL: See Below
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

PURPOSE

This TSB provides updated content for the Chassis Electrical section of the affected Service Manuals, Check at Combination Meter Terminals.

AFFECTED VEHICLES

- 2018-2021 Outlander PHEV

AFFECTED SERVICE MANUAL

- 2018-2021 Outlander PHEV Service Manual, Group 54-Chassis Electrical -> Check at Combination Meter Terminals



Please replace the pages in the 2018 Outlander PHEV Service Manual, Group 54-Chassis Electrical -> Check at Combination Meter Terminals section as follows:

- 2018 Outlander PHEV Service Manual, Group 54 Chassis Electrical -> Check at Combination Meter Terminals - Attached sheets 21 and 36

Please replace the pages in the 2019 Outlander PHEV Service Manual, Group 54-Chassis Electrical -> Check at Combination Meter Terminals section as follows:

- 2019 Outlander PHEV Service Manual, Group 54 Chassis Electrical -> Check at Combination Meter Terminals - Attached sheets 26 and 36

Please replace the pages in the 2020 Outlander PHEV Service Manual, Group 54-Chassis Electrical -> Check at Combination Meter Terminals section as follows:

- 2020 Outlander PHEV Service Manual, Group 54 Chassis Electrical -> Check at Combination Meter Terminals - Attached sheets 28 and 36

Please replace the pages in the 2021 Outlander PHEV Service Manual, Group 54-Chassis Electrical -> Check at Combination Meter Terminals section as follows:

- 2021 Outlander PHEV Service Manual, Group 54 Chassis Electrical -> Check at Combination Meter Terminals - Attached sheets 31 and 36

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**CHASSIS ELECTRICAL
COMBINATION METER**

54A-71

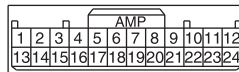
Display content	Message	Factor	Action procedure
 ACH04844	PLEASE WAIT NOW OPENING	There is preparing to open the fuel tank filler door.	If the warning screen is not displayed normally or if the screen continues to be displayed, check the electric fuel filler lid. Refer to GROUP 42A – Trouble Symptom Chart P.42A-33.
 ACH04845	READY TO REFUEL	Preparation to refuel has been completed and the fuel tank filler door opened.	
 ACH04846	CLOSED FUEL LID AND CAP	The fuel tank filler door is open.	
 AC809623	READY TO REFUEL	Preparation to refuel has been completed and the fuel tank filler door opened.	

CHECK AT COMBINATION METER TERMINALS

M1540201200949

Attached sheet 36

<Added>


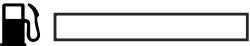





ACB04735AC

Terminal No.	Terminal code	Check item	Check condition	Normal condition
1	B+B	ECU power supply (battery)	Always	Battery positive voltage
2	IG1	ECU power supply (Ignition switch: IG1)	Ignition switch: ON	Battery positive voltage
			Ignition switch: OFF	1 V or less
3	MODE	Multi information display switch input	Multi information display switch: ON	1 V or less
			Multi information display switch: OFF	Battery positive voltage
4	-	-	-	-
5	SBDS	Seat belt switch (driver's side) input	Seat belt switch (driver's side): ON	1 V or less
			Seat belt switch (driver's side): OFF	Battery positive voltage
6 to 12	-	-	-	-

54A-72

CHASSIS ELECTRICAL COMBINATION METER



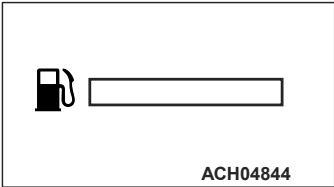
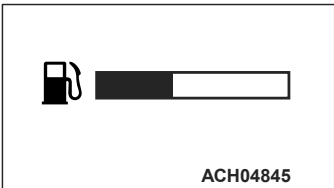
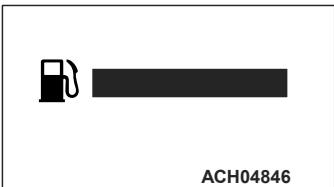
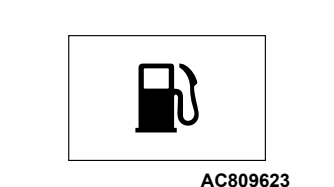
Display content	Message	Factor	Action procedure				
 <p>ACH04841</p>	-	The EV priority mode is activated by operating the EV priority mode switch.	If the EV priority mode switch position and screen do not agree with each other, perform the troubleshooting for the PHEV-ECU (Refer to GROUP 54Da – Trouble symptom chart P.54Da-576).				
 <p>ACH04844</p>	PLEASE WAIT NOW OPENING	There is preparing to open the fuel tank filler door.	If the warning screen is not displayed normally or if the screen continues to be displayed, check the electric fuel filler lid. Refer to GROUP 42A – Trouble Symptom Chart P.42A-31.				
 <p>ACH04845</p>		<p style="text-align: right;"><Correct></p> <table border="1"> <tr> <td>READY TO REFUEL</td> <td>Preparation to refuel has been completed and the fuel tank filler door opened.</td> </tr> <tr> <td>CLOSED FUEL LID AND CAP</td> <td>The fuel tank filler door is open.</td> </tr> </table>		READY TO REFUEL	Preparation to refuel has been completed and the fuel tank filler door opened.	CLOSED FUEL LID AND CAP	The fuel tank filler door is open.
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CLOSED FUEL LID AND CAP	The fuel tank filler door is open.						
 <p>ACH04846</p>							
 <p>AC809623</p>	READY TO REFUEL	Preparation to refuel has been completed and the fuel tank filler door opened.					
		<p style="text-align: right;"><Incorrect></p>					

Attached sheet 36

<Added>

54A-74

CHASSIS ELECTRICAL COMBINATION METER



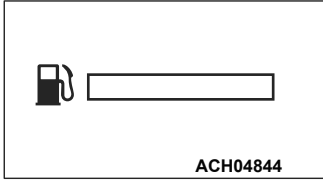
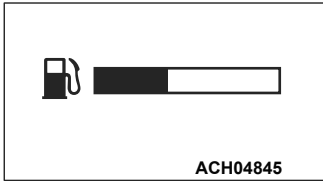


Display content	Message	Factor	Action procedure					
 ACH04841	-	The EV priority mode is activated by operating the EV priority mode switch.	If the EV priority mode switch position and screen do not agree with each other, perform the troubleshooting for the PHEV-ECU (Refer to GROUP 54Da – Trouble symptom chart P.54Da-597).					
 ACH03826	-	On vehicles equipped with smartphone link display audio (with navigation function), you can select whether to display the navigation information on the information screen.	If the warning screen is not displayed normally or if the screen continues to be displayed, check the smartphone link display audio diagnostic trouble code. Refer to P.54A-323.					
 ACH04844	PLEASE WAIT NOW OPENING	There is preparing to open the fuel tank filler door.	If the warning screen is not displayed normally or if the screen continues to be displayed, check the electric fuel filler lid. Refer to GROUP 42A – Trouble Symptom Chart P.42A-31.					
 ACH04845				<Correct>				
 ACH04846				<table border="1"> <tr> <td>READY TO REFUEL</td> <td>Preparation to refuel has been completed and the fuel tank filler door opened.</td> </tr> <tr> <td>CLOSED FUEL LID AND CAP</td> <td>The fuel tank filler door is open.</td> </tr> </table>	READY TO REFUEL	Preparation to refuel has been completed and the fuel tank filler door opened.	CLOSED FUEL LID AND CAP	The fuel tank filler door is open.
READY TO REFUEL				Preparation to refuel has been completed and the fuel tank filler door opened.				
CLOSED FUEL LID AND CAP				The fuel tank filler door is open.				
 AC809623	<table border="1"> <tr> <td>READY TO REFUEL</td> <td>Preparation to refuel has been completed and the fuel tank filler door opened.</td> </tr> </table>	READY TO REFUEL	Preparation to refuel has been completed and the fuel tank filler door opened.	<Incorrect>				
READY TO REFUEL	Preparation to refuel has been completed and the fuel tank filler door opened.							

Attached sheet 36

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54A-86


CHASSIS ELECTRICAL COMBINATION METER

Display content	Message	Factor	Action procedure	
 ACH04841	-	The EV priority mode is activated by operating the EV priority mode switch.	If the EV priority mode switch position and screen do not agree with each other, perform the troubleshooting for the PHEV-ECU (Refer to GROUP 54Da - Trouble symptom chart P.54Da-553).	
 ACH03826	-	On vehicles equipped with smartphone link display audio (with navigation function), you can select whether to display the navigation information on the information screen.	If the warning screen is not displayed normally or if the screen continues to be displayed, check the smartphone link display audio diagnostic trouble code. Refer to P.54A-362.	
 ACH04844	PLEASE WAIT NOW OPENING	There is preparing to open the fuel tank filler door.	If the warning screen is not displayed normally or if the screen continues to be displayed, check the electric fuel filler lid. Refer to GROUP 42A - Trouble Symptom Chart P.42A-32.	
 ACH04845				
<Correct>				
<p>READY TO REFUEL</p> <p>Preparation to refuel has been completed and the fuel tank filler door opened.</p>				
<p>CLOSED FUEL LID AND CAP</p> <p>The fuel tank filler door is open.</p>				
 ACH04846	<Incorrect>			
 AC809623	<p>READY TO REFUEL</p>	<p>Preparation to refuel has been completed and the fuel tank filler door opened.</p>		

Attached sheet 36

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 <p>ACC00473</p>	REFUELING SYSTEM SERVICE REQUIRED	Displayed when an abnormality occurs in the refueling control of the engine control module (ECM) or in the fuel tank pressure control system.	If the warning screen does not disappear, check whether the MFI system-related diagnostic trouble code is set and carry out troubleshooting for the relevant diagnostic trouble code [Refer to GROUP 13A - MULTIPOINT FUEL INJECTION (MFI) DIAGNOSIS - Diagnostic Trouble Code Chart].
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