



Technical Service Bulletin

SUBJECT:		NO.: TSB-23-35-003	
CORRECTION TO THE WARNING LIGHT DISPLAY DESCRIPTION – SERVICE MANUAL REVISION		DATE: March 2023	
		MODEL: 2022-23 Outlander	
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 correction to the Warning Light Display section of the applicable Service Manuals.

AFFECTED VEHICLES

2022-2023 Outlander

AFFECTED SERVICE MANUAL

- 2022 Outlander Service Manual (Volume 3)
- 2023 Outlander Service Manual

PROCEDURE

Please use the following chart as a guide to replace the indicated pages of the affected Service Manuals, Group 35 Brakes, Brake Control System.

Applicable Manual	Pub. No.	Applicable Title	Content
2022 OUTLANDER Service manual	MSCD-330B-2022 (Volume 3)	BRAKES └ BRAKES CONTROL SYSTEM └ WITH VDC └ ECU DIAGNOSIS INFORMATION └ ABS ACTUATOR AND ELECTRIC UNIT └ DTC Index	Attached Sheet 2 (1 of 5)
2023 OUTLANDER Service manual	MSCD-030B-2023		



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BRAKE CONTROL SYSTEM

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Priority	Detected item (DTC)
7	<ul style="list-style-type: none"> • C1073-55 Vacuum sensor • C1073-64 Vacuum sensor • C10B0-01 Parking brake actuator (RH) • C10B1-01 Parking brake actuator (LH) • C10B2-01 Parking brake switch • C10B2-64 Parking brake switch • C10B3-44 Parking brake control module
8	<ul style="list-style-type: none"> • C105D-7B Brake fluid level low

DTC Index

Self Diagnostic Result

DTC	Display item	ASC warning light	ABS warning light	Brake warning light	Electric parking brake warning light	Refer to
C1040-63	Emergency brake					C1040-63 EMERGENCY BRAKING SYSTEM
C1040-64	Emergency brake					C1040-64 EMERGENCY BRAKING SYSTEM
C1040-92	Emergency brake					C1040-92 EMERGENCY BRAKING SYSTEM
C1041-55	Configuration		○			C1041-55 CONTROL UNIT
C1042-04	Cut valve 1	○	○	○		C1042-04 CUT VALVE
C1043-04	Cut valve 2	○	○	○		C1043-04 CUT VALVE
C1046-04	Suction valve 1	○	○	○		C1046-04 SUCTION VALVE
C1047-04	Suction valve 2	○	○	○		C1047-04 SUCTION VALVE
C1048-04	Valve relay	○	○	○		C1048-04 VALVE RELAY
C1048-11	Valve relay	○	○	○		C1048-11 VALVE RELAY
C1048-92	Valve relay	○	○	○		C1048-92 VALVE RELAY
C1049-04	FR LH ABS IN valve	○	○	○		C1049-04 ABS IN VALVE
C104A-04	FR LH ABS OUT valve	○	○	○		C104A-04 ABS OUT VALVE
C104B-04	FR RH ABS IN valve	○	○	○		C104B-04 ABS IN VALVE
C104C-04	FR RH ABS OUT valve	○	○	○		C104C-04 ABS OUT VALVE
C104D-04	RR LH ABS IN valve	○	○	○		C104D-04 ABS IN VALVE
C104E-04	RR LH ABS OUT valve	○	○	○		C104E-04 ABS OUT VALVE
C104F-04	RR RH ABS IN valve	○	○	○		C104F-04 ABS IN VALVE
C1050-04	RR RH ABS OUT valve	○	○	○		C1050-04 ABS OUT VALVE
C1051-04	Pump motor	○	○	○		C1051-04 PUMP MOTOR
C1051-13	Pump motor	○	○	○		C1051-13 PUMP MOTOR
C1051-1C	Pump motor	○	○	○		C1051-1C PUMP MOTOR
C1054-89	Control unit	○	○	○	○	C1054-89 CONTROL UNIT
C1056-13	Battery power supply					C1056-13 POWER SUPPLY CIRCUIT
C1056-16	Battery power supply	○	○	○	<input checked="" type="checkbox"/>	C1056-16 POWER SUPPLY CIRCUIT <Deleted>
C1056-17	Battery power supply	○	○	○	<input checked="" type="checkbox"/>	C1056-17 POWER SUPPLY CIRCUIT <Deleted>
C1058-04	Control unit	○	○	○	○	C1058-04 CONTROL UNIT
C1058-42	Control unit	○	○	○	○	C1058-42 CONTROL UNIT
C1058-44	Control unit	○	○	○	○	C1058-44 CONTROL UNIT
C1058-49	Control unit	○	○	<Added> <input type="checkbox"/>	<input type="checkbox"/>	C1058-49 CONTROL UNIT <Added>
C1058-51	Control unit	○	○	○	○	C1058-51 CONTROL UNIT
C1058-92	Control unit	○	○	○	○	C1058-92 CONTROL UNIT

BRAKE CONTROL SYSTEM

DTC	Display item	ASC warning light	ABS warning light	Brake warning light	Electric parking brake warning light	Refer to
C105A-92	Control unit	○	○	○		C105A-92 CONTROL UNIT
C105D-7B	Brake fluid level low	○				C105D-7B BRAKE FLUID LEVEL SWITCH
C105F-85	Control unit					C105F-85 CONTROL UNIT
C105F-92	Control unit	○	○			C105F-92 CONTROL UNIT
C1061-02	FR LH wheel sensor	○	○			C1061-02 WHEEL SENSOR
C1061-07	FR LH wheel sensor	○	○			C1061-07 WHEEL SENSOR
C1061-09	FR LH wheel sensor	○	○			C1061-09 WHEEL SENSOR
C1061-11	FR LH wheel sensor	○	○			C1061-11 WHEEL SENSOR
C1061-12	FR LH wheel sensor	○	○			C1061-12 WHEEL SENSOR
C1061-13	FR LH wheel sensor	○	○			C1061-13 WHEEL SENSOR
C1061-1C	FR LH wheel sensor	○	○		○	C1061-1C WHEEL SENSOR
C1061-38	FR LH wheel sensor	○	○			C1061-38 WHEEL SENSOR
C1061-4A	FR LH wheel sensor	○	○			C1061-4A WHEEL SENSOR
C1061-64	Wheel sensor FL	○	○			C1061-64 WHEEL SENSOR
C1063-02	FR RH wheel sensor	○	○			C1063-02 WHEEL SENSOR
C1063-07	FR RH wheel sensor	○	○			C1063-07 WHEEL SENSOR
C1063-09	FR RH wheel sensor	○	○			C1063-09 WHEEL SENSOR
C1063-11	FR RH wheel sensor	○	○			C1063-11 WHEEL SENSOR
C1063-12	FR RH wheel sensor	○	○			C1063-12 WHEEL SENSOR
C1063-13	FR RH wheel sensor	○	○			C1063-13 WHEEL SENSOR
C1063-1C	FR RH wheel sensor	○	○		○	C1063-1C WHEEL SENSOR
C1063-38	FR RH wheel sensor	○	○			C1063-38 WHEEL SENSOR
C1063-4A	FR RH wheel sensor	○	○			C1063-4A WHEEL SENSOR
C1063-64	Wheel sensor FR	○	○			C1063-64 WHEEL SENSOR
C1065-02	RR LH wheel sensor	○	○			C1065-02 WHEEL SENSOR
C1065-07	RR LH wheel sensor	○	○			C1065-07 WHEEL SENSOR
C1065-09	RR LH wheel sensor	○	○			C1065-09 WHEEL SENSOR
C1065-11	RR LH wheel sensor	○	○			C1065-11 WHEEL SENSOR
C1065-12	RR LH wheel sensor	○	○			C1065-12 WHEEL SENSOR
C1065-13	RR LH wheel sensor	○	○			C1065-13 WHEEL SENSOR
C1065-1C	RR LH wheel sensor	○	○		○	C1065-1C WHEEL SENSOR
C1065-38	RR LH wheel sensor	○	○			C1065-38 WHEEL SENSOR
C1065-4A	RR LH wheel sensor	○	○			C1065-4A WHEEL SENSOR
C1065-64	Wheel sensor RL	○	○			C1065-64 WHEEL SENSOR
C1067-02	RR RH wheel sensor	○	○			C1067-02 WHEEL SENSOR
C1067-07	RR RH wheel sensor	○	○			C1067-07 WHEEL SENSOR
C1067-09	RR RH wheel sensor	○	○			C1067-09 WHEEL SENSOR
C1067-11	RR RH wheel sensor	○	○			C1067-11 WHEEL SENSOR
C1067-12	RR RH wheel sensor	○	○			C1067-12 WHEEL SENSOR
C1067-13	RR RH wheel sensor	○	○			C1067-13 WHEEL SENSOR
C1067-1C	RR RH wheel sensor	○	○		○	C1067-1C WHEEL SENSOR
C1067-38	RR RH wheel sensor	○	○			C1067-38 WHEEL SENSOR
C1067-4A	RR RH wheel sensor	○	○			C1067-4A WHEEL SENSOR
C1067-64	Wheel sensor RR	○	○			C1067-64 WHEEL SENSOR
C1068-95	Front wheel sensor	○	○	○ <Added>		C1068-95 WHEEL SENSOR
C1069-95	Rear wheel sensor	○	○	○ <Added>		C1069-95 WHEEL SENSOR
C106A-04	Wheel sensor	○	○	○	○	C106A-04 WHEEL SENSOR
C106A-55	Wheel sensor		○		○ <Added>	C106A-55 WHEEL SENSOR

<Added>

BRAKE CONTROL SYSTEM

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DTC	Display item	ASC warning light	ABS warning light	Brake warning light	Electric parking brake warning light	Refer to
C106A-62	Wheel sensor	○	○	○	○	C106A-62 WHEEL SENSOR
C106A-64	Wheel sensor	○	○	○	○	C106A-64 WHEEL SENSOR
C106B-64	Stop light SW	○			○	C106B-64 STOP LAMP SWITCH
C106C-01	Pressure sensor	○				C106C-01 PRESSURE SENSOR
C106C-02	Pressure sensor	○				C106C-02 PRESSURE SENSOR
C106C-16	Pressure sensor	○				C106C-16 PRESSURE SENSOR
C106C-17	Pressure sensor	○				C106C-17 PRESSURE SENSOR
C106D-01	Brake booster					C106D-01 BRAKE BOOSTER
C106E-54	Steering angle sensor	○				C106E-54 STEERING ANGLE SENSOR
C106E-55	Steering angle sensor	○				C106E-55 STEERING ANGLE SENSOR
C106E-64	Steering angle sensor	○				C106E-64 STEERING ANGLE SENSOR
C106F-54	Steering angle sensor	○				C106F-54 STEERING ANGLE SENSOR
C1070-01	Side G sensor	○	○			C1070-01 SIDE G SENSOR
C1070-54	Side G sensor	○	○			C1070-54 SIDE G SENSOR
C1070-64	Side G sensor	○	○			C1070-64 SIDE G SENSOR
C1071-54	Decel G sensor		○			C1071-54 DECEL G SENSOR
C1071-61	Decel G sensor	○	○			C1071-61 DECEL G SENSOR
C1071-64	Decel G sensor	○	○			C1071-64 DECEL G SENSOR
C1072-01	Yaw rate sensor	○				C1072-01 YAW RATE SENSOR
C1072-64	Yaw rate sensor	○				C1072-64 YAW RATE SENSOR
C1072-83	Yaw rate sensor	○	○			C1072-83 YAW RATE SENSOR
C1073-01	Vacuum sensor		<Deleted>	○		C1073-01 VACUUM SENSOR
C1073-1C	Vacuum sensor		☒	☐ <Added>		C1073-1C VACUUM SENSOR
C1073-55	Vacuum sensor		○	<Added>		C1073-55 VACUUM SENSOR
C1073-64	Vacuum sensor	<Deleted>		☐		C1073-64 VACUUM SENSOR
C1076-55	Not configured	☒	○	☒		C1076-55 CONTROL UNIT
C1077-55	TCM		○	<Deleted>		C1077-55 TCM SYSTEM
C1077-92	TCM				<Added>	C1077-92 TCM SYSTEM
C1078-55	Not configuration		○		☐	C1078-55 CONTROL UNIT
C1079-55	Not configuration		○			C1079-55 CONTROL UNIT
C107A-55	Not configuration		○			C107A-55 CONTROL UNIT
C107B-53	ASC function					C107B-53 VDC FUNCTION
C107C-53	Not configuration					C107C-53 CONTROL UNIT
C1080-86	ECM	○			○	C1080-86 ECM SYSTEM
C1082-86	CAN comm err (TCM)				○	C1082-86 TCM SYSTEM
C1083-86	Steering angle sensor	○				C1083-86 STEERING ANGLE SENSOR SYSTEM
C1085-86	Combination meter	○				C1085-86 COMBINATION METER SYSTEM
C1086-86	CAN comm err (BCM)	○			○	C1086-86 BCM SYSTEM


BRAKE CONTROL SYSTEM

DTC	Display item	ASC warning light	ABS warning light	Brake warning light	Electric parking brake warning light	Refer to
C1087-86	IPDM E/R				○	<u>C1087-86 IPDM E/R SYSTEM</u>
C1088-86	AV system					<u>C1088-86 AV SYSTEM</u>
C1090-86	ADAS control unit					<u>C1090-86 ADAS SYSTEM</u>
C1092-86	4WD invalid data					<u>C1092-86 4WD/AWD SYSTEM</u>
C1096-86	Chassis control module				○	<u>C1096-86 CHASSIS CONTROL SYSTEM</u>
C1098-86	AVM control unit					<u>C1098-86 ADAS SYSTEM</u>
C10AA-63	Pump motor		<Added>			<u>C10AA-63 PUMP MOTOR</u>
C10AC-54	Calibration incomplete	○	<input type="checkbox"/>			<u>C10AC-54 G SENSOR</u>
C10AF-01	Pressure sensor					<u>C10AF-01 PRESSURE SENSOR</u>
C10B0-01	Parking brake actuator (RH)				○	<u>C10B0-01 PARKING BRAKE ACTUATOR</u>
C10B0-09	Parking brake actuator (RH)				○	<u>C10B0-09 PARKING BRAKE ACTUATOR</u>
C10B1-01	Parking brake actuator (LH)				○	<u>C10B1-01 PARKING BRAKE ACTUATOR</u>
C10B1-09	Parking brake actuator (LH)				○	<u>C10B1-09 PARKING BRAKE ACTUATOR</u>
C10B2-01	Parking brake switch				○	<u>C10B2-01 PARKING BRAKE SWITCH</u>
C10B2-64	Parking brake switch				○	<u>C10B2-64 PARKING BRAKE SWITCH</u>
C10B3-44	Parking brake control module			<Deleted>	<input checked="" type="checkbox"/>	<u>C10B3-44 ELECTRIC PARKING BRAKE SYSTEM</u>
C10B3-49	Parking brake control module				○	<u>C10B3-49 ELECTRIC PARKING BRAKE SYSTEM</u>
C10B3-53	Parking brake control module				○	<u>C10B3-53 ELECTRIC PARKING BRAKE SYSTEM</u>
C10B3-55	Parking brake control module				○	<u>C10B3-55 ELECTRIC PARKING BRAKE SYSTEM</u>
C10B3-68	Parking brake control module				○	<u>C10B3-68 ELECTRIC PARKING BRAKE SYSTEM</u>
C10B4-98	Overheat				○	<u>C10B4-98 PARKING BRAKE ACTUATOR</u>
C10B5-76	Parking brake assembly check				○	<u>C10B5-76 ELECTRIC PARKING BRAKE SYSTEM</u>
C10B6-68	Parking brake system					<u>C10B6-68 ELECTRIC PARKING BRAKE SYSTEM</u>
C10B7-16	Parking brake power supply				○	<u>C10B7-16 POWER SUPPLY CIRCUIT</u>
C10B7-17	Parking brake power supply				○	<u>C10B7-17 POWER SUPPLY CIRCUIT</u>
C10B8-77	Parking brake system			<Deleted>	<input checked="" type="checkbox"/>	<u>C10B8-77 ELECTRIC PARKING BRAKE SYSTEM</u>
C10B9-77	Parking brake system				○	<u>C10B9-77 ELECTRIC PARKING BRAKE SYSTEM</u>

BRAKE CONTROL SYSTEM

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Network-DTC

DTC	Display item	ASC warning light	ABS warning light	Brake warning light	Electric parking brake warning light	Refer to
U0073-88	Control module comm Bus D Off	○			○	<u>U0073-88 CAN COMM. CIRCUIT</u>
U0076-00	Control module comm Bus D Off	○				<u>U0076-00 CAN COMM. CIRCUIT</u>
U0076-88	Control module comm Bus D Off	○			○	<u>U0076-88 CAN COMM. CIRCUIT</u>
U2140-87	CAN comm err (ECM)					<u>U2140-87 CAN COMM. CIRCUIT</u>
U214E-87	CAN comm err (combination meter)	○			○	<u>U214E-87 CAN COMM. CIRCUIT</u>
U214F-87	CAN comm err (BCM)	○			○	<u>U214F-87 CAN COMM. CIRCUIT</u>
U2152-87	CAN comm err (ADAS control unit)					<u>U2152-87 CAN COMM. CIRCUIT</u>
U2156-87	CAN comm err (steering angel sensor)	○				<u>U2156-87 CAN COMM. CIRCUIT</u>
U2240-87	CAN comm err (ECM)	○			○	<u>U2240-87 CAN COMM. CIRCUIT</u>
U2241-87	CAN comm err (TCM)				○	<u>U2241-87 CAN COMM. CIRCUIT</u>
U224A-87	CAN comm err (AWD/4WD)	<Added>				<u>U224A-87 CAN COMM. CIRCUIT</u>
U224E-87	CAN comm err (combination meter)					<u>U224E-87 CAN COMM. CIRCUIT</u>
U2252-87	CAN comm err (ADAS control unit)					<u>U2252-87 CAN COMM. CIRCUIT</u>
U225B-87	CAN comm err (IPDM E/R)				○	<u>U225B-87 CAN COMM. CIRCUIT</u>
U2275-87	CAN comm err (AVM)					<u>U2275-87 CAN COMM. CIRCUIT</u>
U2276-87	CAN comm err (CCM)				○	<u>U2276-87 CAN COMM. CIRCUIT</u>