1. CHECK USING THE DTC CHECK SHEET

DTC check sheet

	(A)	(B)								(C)														(D)					
			VDC	KPS	ΗΓ	BIU	MFD	A/C	MET	RST	STR	TCM	ES	A/B	EPS	ECM	VDC	KPS	НГ	BIU	MFD	A/C	MET	RST	STR	TCM	ES	A/B	EPS	ECM
		U0073	U0122	U0327		U0140	U0156	U0164	U0155		U0126	U0101	U1235	U0151	U0131	U0100	U0416	U0427		U0422	U0457	U0424	U0423		U0428	U0402	U1433	U0452	U0420	U0401
VDC			—	—	—		—	—	—	—				—	—		—	—	—		—	—	—	—				—	—	
KPS				_	_		_	—		—	_		—	—	—		—	—	_		_	—	—	_	_	—	—	_	—	
HL				—	—		—	—	—			—	—	—	—	—	—	—	—	—	—	—	—	—	_	—	—	—	—	—
BIU					—	—	—			—			—	—	—				—	—	—			—	_		—	—	—	
MFD			—	—	—	—	—	—	—	_		—	—	—	—		—	—	—	—	—	_	_	—	_	—	—	—	—	—
A/C				—	—		—	—		—	—		—	—	—			—	—		—	—		—	_		—	—	—	
MET					—		—		—	—	—		—				—	—	—	—	—	—	_	—	_	—	—	—	—	—
RST		—	—	—	—	—	—	—	—	—	—	—	—	—	—	_	—	—	—	—	—	_	_	_	_	—	—	—	—	—
STR		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
тсм				—	—		—	—		—	—	—		—	—			—	—		—	—		—	—	—		—	—	
ES				—	—		—	—		—	—		—	—	—			—	—		—	—		—	—		—	—	—	
A/B			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
EPS				—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—
ECM				—	—	—	—	—		—	—		—	—	—	—		—	—	—	—	—		—	—		—	—	—	—

- (A) Installation check
- (B) Bus off detection
- (C) Data no-receive detection
- (D) Data abnormal detection
- VDC: VDC CM KPS: Keyless access CM HL: Auto headlight beam leveler CM BIU: Body integrated unit MFD: High grade MFD A/C: A/C control panel MET: Combination meter
- RST: Remote engine starter CM STR: Steering angle sensor TCM: TCM ES: Stereo camera A/B: AB CM EPS: Power steering CM ECM: ECM

1) Module installation check

(1) Write "-" marks in the field for installation check if the vehicle to be inspected does not have relevant module.

- (2) Write "-" marks in all blank fields on the same row that the "-" mark has filled in.
- 2) Bus off detection / data not received

NOTE:

It becomes impossible for CAN diagnostic module to read DTC, if there is a current malfunction of open harness (data not received). If this occurs, perform the "Check using the check sheet of communication for initializing" <Ref. to LAN(w/o HEV)(diag)-12, CHECK USING THE CHECK SHEET OF COMMUNICATION FOR INITIALIZING, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, Subaru Select Monitor.>, and use this sheet to confirm that the corresponding part becomes the past malfunction.

(1) Mark "X" in the field corresponding to the DTCs that has been detected by each module in the check sheet.

(2) Identify and repair the faulty part by referring to the example of DTC data not received and the DTC matrix. <Ref. to LAN(w/o HEV)(diag)-67, EXAMPLE OF DTC DATA NOT RECEIVED, LIST, List of Diagnostic Trouble Code (DTC).> <Ref. to LAN(w/o HEV)(diag)-70, DTC MATRIX, LIST, List of Diagnostic Trouble Code (DTC).>

3) Data abnormal detection

NOTE:

If any "BUS OFF" or "NO-RECEIVE DATA" condition is detected, perform the diagnosis for these problems first.

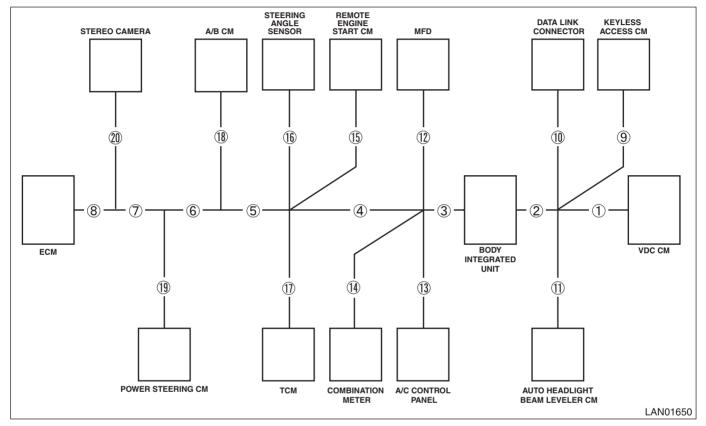
(1) If several modules detect the DTC for the same module, replace the detected module.

(2) If one module detects the DTC, replace the module of the detected side.

(3) If it does not return to the normal operation, re-install the module which has been replaced, and replace the module of the detected side.

(4) If it does not return to the normal operation, replace both modules.

2. EXAMPLE OF DTC DATA NOT RECEIVED



LAN SYSTEM (DIAGNOSTICS)

When 15 (remote engine start CM vicinity) is open

NOTE:

No DTC remains, and the remote engine starter does not function.

	(A)	(B)								(C)														(D)					
			VDC	KPS	ΗΓ	BIU	MFD	A/C	MET	RST	STR	TCM	ES	A/B	EPS	ECM	VDC	KPS	HL	BIU	MFD	A/C	MET	RST	STR	TCM	ES	A/B	EPS	ECM
		U0073	U0122	U0327	_	U0140	U0156	U0164	U0155		U0126	U0101	U1235	U0151	U0131	U0100	U0416	U0427		U0422	U0457	U0424	U0423		U0428	U0402	U1433	U0452	U0420	U0401
VDC			—	_	—		—	—	—	—				—	—		—	—	—		—	—	—	—				—	_	
KPS				_	—		—	—		—	—		—	—	—		-					_	_		_	_	—	_	_	
HL				_	—		—	—	—	—	—	—	—	—	—	—		_	_	_	_	_	_	_	_	_	—	_	_	—
BIU					—	—	—			—	—			—	—					—	_				_		—	_	_	
MFD			—	_	—	—	—	—	—	—	—	—	—	—	—	—	—			_		—	—		_	_	—	_	_	—
A/C				_	—		—	—		—	—			—	—							_			_			_	_	
MET					—		—		—	—	—		—				—	—		_	—	—	—			_	—	_	_	—
RST		_		_	—	—	—	—	—	—	—	—	—	—	—	—	—	—		_	—	—	—			—	—	_	_	—
STR		—		_	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—		_	_	—	_	_	—
тсм				—	—		—	—		—	—	—		—	—			—	—		—	—		—	—	—		—	—	
ES				—	—		—	—		—	—		—	—	—			—	—		—	—		—	—		—	—	—	
A/B			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
EPS				—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—
ECM					—	—	—	—		—	—			—	—	—		—		—		—								—

When (steering angle sensor vicinity) is open

	(A)	(B)								(C)														(D)					
			VDC	KPS	Ч	BIU	MFD	A/C	MET	RST	STR	TCM	ES	A/B	EPS	ECM	VDC	KPS	ΗΓ	BIU	MFD	A/C	MET	RST	STR	TCM	ES	A/B	EPS	ECM
		U0073	U0122	U0327	_	U0140	U0156	U0164	U0155	_	U0126	U0101	U1235	U0151	U0131	U0100	U0416	U0427	_	U0422	U0457	U0424	U0423	_	U0428	U0402	U1433	U0452	U0420	U0401
VDC			—	—	—		—	—	—	—	\times			—	—		_	—	—		_	—	_	_				—	—	
KPS				—	—		—	—		—	—		—	—	—		—	—	—		—	—	_	—	—	—	—	—	—	
HL				—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
BIU					—	—	—			—	—		—	—	—				—	—	—			—	—		—	—	—	
MFD			—	—	—	—	—	—	—	—	—	—	—	—	—	—	_	—	—	—	—	_	_	—	—	—	—	—	—	—
A/C				—	—		—	—		—	—		—	—	—			—	—		—	_		—	—		—	—	—	
MET					—		—		—	—	—		—				_	—	—	—	—	—	—	—	—	—	—	—	—	—
RST		_	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
STR		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
тсм				—	—		—	—		—	—	—		—	—			—	—		—	—		—	—	—		—	—	
ES				—	—		—	—		—	—		—	—	—			—	—		—	—		—	—		—	—	—	
A/B			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
EPS				—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—
ECM				—	—	—	—	—		—	—		—	—	—	—		—	—	—	—	—		—	—		—	—	—	—
																													LAI	N016

When (19) (power steering CM vicinity) is open

NOTE:

Power steering CM may display U1120 (Auto Start Stop COMMUNICATION LOST).

																														_
	(A)	(B)								(C)						_			_	_	_			(D)					
			VDC	KPS	Ŧ	BIU	MFD	A/C	MET	RST	STR	TCM	ES	A/B	EPS	ECM	VDC	KPS	ΗΓ	ПВ	MFD	A/C	MET	RST	STR	TCM	ES	A/B	EPS	ECM
		U0073	U0122	U0327	_	U0140	U0156	U0164	U0155	_	U0126	U0101	U1235	U0151	U0131	U0100	U0416	U0427	_	U0422	U0457	U0424	U0423	_	U0428	U0402	U1433	U0452	U0420	U0401
VDC			_	_	—		—	—	—	—				—	—		—		—		—		_	_						
KPS				_	—		—	—		—	—		—	—	—		-		—		—		_	_	—		_	_		
HL				_	—		—	—	—	—	—	—	—	—	—	_		_	—	—	_	_	_	_	—	_	_	_	_	—
BIU					—	—	—			—	—		—	—	—				—	—	—			_	—		_	—		
MFD			—	—	—	—	—	—	—	—	—	—	—	—	—	_		-	—	—	—	_	_	—	—	—	—	—		—
A/C				—	—		—	—					—	—	—			—	—		—	—		—	—		—	—	_	
MET					—		—		—	—	—		—		X		—	_	—	—	—	_	—	—	—	—	—	—		—
RST		_	—	—	—	—	—	—	—	—	—	—	—	—	—		-		—	—	—		-	—	—	_	—	—		—
STR		—	—	—	—	—	—	—	—	—	—	—	—	—	—	-	—		—	—	—		_	—	—	—	—	—		—
тсм				_	—		—	—		_	—	—		—	—			—	—		—	_		—	—	—		_	_	
ES				_	—		—	—		_	_		_	—	—			_	—		—	_		—	—		—	—	_	
A/B			—	_	—	—	—	—	—	—	—	—	_	_	—	—	_	—	—	—	—	_	—	—	—	_	_	—		—
EPS			X	—	—	—	—	—	—			—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—		—
ECM				—	—	—	—	—		—	—		—	—	—	—			—	—	—			—	—		—	—	_	—
																													LAI	N0167

LAN SYSTEM (DIAGNOSTICS)

3. DTC MATRIX

NOTE:

Perform the following procedure when using this chart in which the detailed trouble mode corresponds to the trouble status.

1. Search the trouble mode that corresponds to the vehicle status from the chart.

2. Perform the repair that corresponds to the trouble mode.

Control module (which module vicini	ty)	Trouble mode 1	Trouble mode 2	Trouble mode 3	Trouble mode 4	Trouble mode 5	 	Trouble mode n
Detailed location (which location)								
Detailed trouble mod (what kind)	de							
Trouble status (trouble exists/trouble	e existed)							
DTC reading result	VDC CM	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	 	Vehicle
from each module using Subaru	Body integrated unit	status 1	status 2	status 3	status 4	status 5		status n
Select Monitor	Combination meter							
	MFD							
	A/C control panel							
	TCM							
	ECM							
Indicators illuminate	/blink.							

1. Hi-side circuit of CAN communication circuit is open.

NOTE:

• If the module has a limit of DTC memory and the number of DTC occurrence exceeds the limit, older DTCs are preferentially stored.

- When there is no description in Current, it is referred to as "None".
- When DTC is in parentheses, it is referred to as "Not always occur".

• "Trouble exists" is referred to as the status before performing inspection and repair. "Trouble existed" is referred to as the status before performing DTC clear after repair.

Control module		VDC CM vicinity	VDC CM vicinity	Body inte- grated unit (VDC side) vicinity	Body inte- grated unit (VDC side) vicinity	Body inte- grated unit (EGI side) vicinity	Body inte- grated unit (EGI side) vicinity	Combina- tion meter vicinity	Combina- tion meter vicinity
Detailed locatio	'n	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side
Detailed trouble	e mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble status	-	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC reading result from each module	VDC CM ^{*1*8}	Commu- nication failure	Current C1431	Current U0073 U0100	Current C1431	Current U0100 U0101	Current C1431	Current None	Current None
using Subaru Select Monitor			Past C1431 U0073 U0100 U0101 U0126 U0140	U0101 U0126 U0140 Past Same as above	Past C1431 U0073 U0100 U0101 U0126 U0140	U0126 Past Same as above	Past C1431 U0100 U0101 U0126	Past None	Past None
	Body inte- grated unit ^{*2}	Current U0122 Past Same as above	Past U0122	Communi- cation fail- ure	Past U0122	Current U0100 U0101 U0155 U0164 U1201 Past Same as above	Past U0100 U0101 U0155 U0164 U1201	Current U0155 Past Same as above	Past U0155
	Combination meter ^{*3}	Current U0122 Past Same as above	Past U0122	Communi- cation fail- ure	Past U0122	Communi- cation fail- ure	Past U0122 U0140	Commu- nication failure	Past U0073 U0100 U0101 U0122 U0131 U0140 U0151 U0164 Any 5 items from above
	MFD ^{*4}	Current None Past	Current None Past	Communi- cation fail- ure	Current None Past	Communi- cation fail- ure	Past U1650	Current None Past	Current None Past
		None	None		None			None	None
	A/C control panel ^{*5}	Current U0122 Past Same as above	Past U0122	Communi- cation fail- ure	Past U0122	Communi- cation fail- ure	Past U0122 U0140	Current U0155 Past Same as above	Past U0155

Control module		VDC CM vicinity	VDC CM vicinity	Body inte- grated unit	Body inte- grated unit	Body inte- grated unit	Body inte- grated unit	Combina- tion meter	Combina- tion meter
		vionity	violitity	(VDC side) vicinity	(VDC side) vicinity	(EGI side) vicinity	(EGI side) vicinity	vicinity	vicinity
Detailed locatio	n	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side
Detailed trouble	mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble status		Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC reading result from each module using Subaru Select Monitor	TCM ^{*1}	Current U0122 Past Same as above	Past U0122	Communi- cation fail- ure	Past U0122	Communi- cation fail- ure	Past U0122 U0140	Current U0155 Past Same as above	Past U0155
	A/B CM ^{*6}	Current None Past None	Current None Past None	Communi- cation fail- ure	Current None Past None	Communi- cation fail- ure	Current None Past None	Current None Past None	Current None Past None
	Electric power steer- ing CM ^{*7}	Current U0122 Latest Same as above	Current None Latest U0122	Current U0122 Latest Same as above	Latest U0122	Current U0122 Latest Same as above	Latest U0122	Current None Latest None	Current None Latest None
	ECM ^{*1}	Current P0700 U0122 Past Same as above	Past P0700 U0122	Current P0700 U0122 Past Same as above	Past P0700 U0122	Current U0122 Past Same as above	Past U0122	Current U0155 Past Same as above	Past U0155
	Auto head- light beam leveler CM ^{*6}	Current U0122 Past Same as above	Past U0122	Current U0140 Past Same as above	Past U0140	Current None Past None	Current None Past None	Current None Past None	Current None Past None

LAN SYSTEM (DIAGNOSTICS)

			Dealer inte	Deductoria	Dealerterte	Dealertete	Campbing	Combine
Control module	VDC CM vicinity	VDC CM vicinity	Body inte- grated unit (VDC side) vicinity	Body inte- grated unit (VDC side) vicinity	Body inte- grated unit (EGI side) vicinity	Body inte- grated unit (EGI side) vicinity	Combina- tion meter vicinity	Combina- tion meter vicinity
Detailed location	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side
Detailed trouble mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble status	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
Indicators illuminate/blink.	CHECK ENGINE, VDC, VDC off, ABS, BRAKE illumi- nate. AT OIL TEMP, CRUISE blink. Head- light beam leveler indica- tor illu- minates.	CHECK ENGINE, VDC, ABS illu- minate. CRUISE blink	CHECK ENGINE, VDC, ABS, VDC off, BRAKE illuminate. AT OIL TEMP, CRUISE blink. Headlight beam lev- eler indica- tor illumi- nates.	CHECK ENGINE, VDC, ABS illuminate. CRUISE blink	CHECK ENGINE, VDC, VDC off, ABS, BRAKE illuminate. SPORTS illuminates. TPMS blinks → illuminates. AT OIL TEMP, CRUISE blink.	CHECK ENGINE, VDC, ABS illuminate. CRUISE blink	CHECK ENGINE, VDC, A/B illumi- nate. Below are the items that illumi- nate intermit- tently. (Cycles are erratic.) VDC Off, ABS, EMPTY, BRAKE Below are the items that blink intermit- tently. Engine coolant tempera- ture gauge (blue/red) blinks, AT OIL TEMP, CRUISE, Fuel gauge	CHECK ENGINE, VDC illu- minate. CRUISE blink

*1: When U0073 occurs, other U-codes are not stored. (Judge timing affects the storing order.)

*2: The number of DTC memory is limited to 8 items.

*3: The number of DTC memory is limited to 5 items. (Older items are preferentially stored.)

*4: The number of DTC memory is limited to 2 items. (Older items are preferentially stored.)

*5: All types of DTCs can be simultaneously stored. When U0073 occurs, other U-codes are not displayed.

*6: All types of DTCs can be simultaneously stored.

*7: The number of DTC memory is limited to 1 item for Current and 3 items for Latest.

*8: If C1431 contains a current malfunction after repair, perform IGN OFF → ON. (It remains immediately after repair.)

Control module	!	MFD vicinity	MFD vicinity	A/C control panel vicin-	A/C control panel vicin-	Steering angle sen-	Steering angle sen-	AT CM vicinity	AT CM vicinity
		,	,	ity	ity	sor vicinity	sor vicinity		,
Detailed locatio	n	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side
Detailed trouble	e mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble status		Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC reading result from each module	VDC CM ^{*1*8}	Current None	Current None	Current None	Current None	Current U0126	Past U0126	Current U0101	Current C1431
using Subaru Select Monitor		Past None	Past None	Past None	Past None	Past Same as above		Past Same as above	Past C1431 U0101
	Body inte- grated unit ^{*2}	Current None	Current None	Current U0164	Past U0164	Current None	Current None	Current U0101	Past U0101
		Past None	Past None	Past Same as above		Past None	Past None	Past Same as above	
	Combination meter ^{*3}	Current None	Current None	Current U0164	Past U0164	Current None	Current None	Current U0101	Past U0101
		Past None	Past None	Past None		Past None	Past None	Past Same as above	
	MFD ^{*4}	Commu- nication failure	Past U1201 U0073	Current None	Current None	Current None	Current None	Current None	Current None
				Past None	Past None	Past None	Past None	Past None	Past None
	A/C control panel ^{*5}	Current None	Current None	Communi- cation fail- ure	Past U0100 U0155	Current None	Current None	Current U0101	Past U0101
		Past None	Past None			Past None	Past None	Past Same as above	
	TCM ^{*1}	Current None	Current None	Current None	Current None	Current None	Current None	Commu- nication failure	Past U0100 U0122
		Past None	Past None	Past None	Past None	Past None	Past None		U0140 U0155
	A/B CM ^{*6}	Current None	Current None	Current None	Current None	Current None	Current None	Current None	Current None
		Past None	Past None	Past None	Past None	Past None	Past None	Past None	Past None
	Electric power steer- ing CM ^{*7}	Current None	Current None	Current None	Current None	Current None	Current None	Current None	Current None
		Latest	Latest None	Latest None	Latest None	Latest None	Latest None	Latest None	Latest None

LAN SYSTEM (DIAGNOSTICS)

Control module)	MFD vicinity	MFD vicinity	A/C control panel vicin-	A/C control panel vicin-	Steering angle sen-	Steering angle sen-	AT CM vicinity	AT CM vicinity
				ity	ity	sor vicinity	sor vicinity		
Detailed location	on	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side
Detailed trouble	e mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble status		Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC reading result from each module using Subaru Select Monitor	ECM ^{*1}	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current U0101 Past Same as above	Past U0101
	Auto head- light beam leveler CM ^{*6}	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None
Indicators illum	inate/blink.	No change No change in MFD	No change No change in MFD	No change	No change	VDC, ABS illuminate.	No change	CHECK ENGINE, VDC, ABS illu- minate. CRUISE blink Shift indi- cator goes off.	CHECK ENGINE, VDC, ABS illu- minate. CRUISE blink

*1: When U0073 occurs, other U-codes are not stored. (Judge timing affects the storing order.)

*2: The number of DTC memory is limited to 8 items.

*3: The number of DTC memory is limited to 5 items. (Older items are preferentially stored.)

*4: The number of DTC memory is limited to 2 items. (Older items are preferentially stored.)

*5: All types of DTCs can be simultaneously stored. When U0073 occurs, other U-codes are not displayed.

*6: All types of DTCs can be simultaneously stored.

*7: The number of DTC memory is limited to 1 item for Current and 3 items for Latest.

*8: If C1431 contains a current malfunction after repair, perform IGN OFF \rightarrow ON. (It remains immediately after repair.)

Control mod	dule	A/B CM vicinity	A/B CM vicinity	Electric power steering CM vicinity	Electric power steering CM vicinity	ECM vicinity	ECM vicinity	Auto head- light beam leveler CM vicinity	Auto head- light beam leveler CM vicinity
Detailed loc	ation	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side
Detailed tro	uble mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble stat		Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC read- ing result from each	VDC CM ^{*1*8}	Current None	Current None	Current None	Current None	Current C1431 U0100	Current C1431	Current None	Current None
module using Sub- aru Select Monitor		Past None	Past None	Past None	Past None	Past Same as above	Past C1431 U0100	Past None	Past None
	Body inte- grated unit ^{*2}	Current None	Current None	Current None	Current None	Current U0100 (U1201)	Past U0100 (U1201)	Current None	Current None
		Past None	Past None	Past None	Past None	Past Same as above		Past None	Past None
	Combination meter ^{*3}	Current U0151	Past U0151	Current U0131	Past U0131	Current U0100 (U0073)	Past U0100 (U0073)	Current None	Current None
		Past Same as above		Past Same as above		Past Same as above		Past None	Past None
	MFD ^{*4}	Current None	Current None	Current None	Current None	Current None	Current None	Current None	Current None
		Past None	Past None	Past None	Past None	Past None	Past None	Past None	Past None
	A/C control panel ^{*5}	Current None	Current None	Current None	Current None	Current U0100	Past U0100	Current None	Current None
		Past None	Past None	Past None	Past None	Past Same as above		Past None	Past None
	TCM ^{*1}	Current None	Current None	Current None	Current None	Current U0100	Past U0100	Current None	Current None
		Past None	Past None	Past None	Past None	Past Same as above		Past None	Past None
	A/B CM ^{*6}	Commu- nication failure	Current None	Current None	Current None	Current None	Current None	Current None	Current None
			Past None	Past None	Past None	Past None	Past None	Past None	Past None

LAN SYSTEM (DIAGNOSTICS)

Control mod	lule	A/B CM vicinity	A/B CM vicinity	Electric power	Electric power	ECM vicinity	ECM vicinity	Auto head- light beam	Auto head- light beam
				steering CM vicinity	steering CM vicinity			leveler CM vicinity	leveler CM vicinity
Detailed loc	ation	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side	Hi side
Detailed trou	uble mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble state	us	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC read- ing result from each module using Sub- aru Select Monitor	Electric power steer- ing CM ^{*7}	Current None Latest None	Current None Latest None	Current U1120 ^{*9} U0122 C2543 Any 1 item from above Latest U0122 C2543 (U1120 ^{*9})	Latest U0122 C2543 (U1120 ^{*9})	Current C2543 U0073 None or any 1 item from above Latest C2543 U0073	Latest C2543 U0073	Current None Past None	Current None Past None
	ECM ^{*1}	Current None Past	Current None Past	Current None Past	Current None Past	Current U0073 Past	Past U0073	Current None Past	Current None Past
		None	None	None	None	Same as above		None	None
	Auto head- light beam leveler CM ^{*6}	Current None Past	Current None Past	Current None Past	Current None Past	Current None Past	Current None Past	Communi- cation fail- ure	Past U0122 U0140
		None	None	None	None	None	None		
Indicators ill	uminate/blink.	A/B illu- minates.	No change	No change	No change	VDC, ABS, CHECK ENGINE, EMPTY illu- minate.	CHECK ENGINE, VDC, ABS illu- minate.	Headlight beam lev- eler indica- tor illuminates.	No change
						AT OIL TEMP blinks. Engine cool-	CRUISE blink		
						ant tempera- ture gauge (blue/red) blinks.			
						Fuel gauge goes off. Tachometer:			
						0 rpm			

*1: When U0073 occurs, other U-codes are not stored. (Judge timing affects the storing order.)

*2: The number of DTC memory is limited to 8 items.

*3: The number of DTC memory is limited to 5 items. (Older items are preferentially stored.)

*4: The number of DTC memory is limited to 2 items. (Older items are preferentially stored.)

*5: All types of DTCs can be simultaneously stored. When U0073 occurs, other U-codes are not displayed.

*6: All types of DTCs can be simultaneously stored.

*7: The number of DTC memory is limited to 1 item for Current and 3 items for Latest.

*8: If C1431 contains a current malfunction after repair, perform IGN OFF \rightarrow ON. (It remains immediately after repair.)

*9: When this code is displayed, perform the diagnosis as COMMUNICATION MALFUNCTION (METER ECU) (U0155). DTC that occurs in "Current" is displayed in top of the "Latest" list.

LAN SYSTEM (DIAGNOSTICS)

2. Lo-side circuit of CAN communication circuit is open.

NOTE:

• If the module has a limit of DTC memory and the number of DTC occurrence exceeds the limit, older DTCs are preferentially stored.

- When there is no description in Current, it is referred to as "None".
- When DTC is in parentheses, it is referred to as "Not always occur".

• "Trouble exists" is referred to as the status before performing inspection and repair. "Trouble existed" is referred to as the status before performing DTC clear after repair.

Control module	1	VDC CM	VDC CM	Body inte-	Body inte-	Body inte-	Body inte-	Combina-	Combina-
		vicinity	vicinity	grated unit (VDC side) vicinity	grated unit (VDC side) vicinity	grated unit (EGI side) vicinity	grated unit (EGI side) vicinity	tion meter vicinity	tion meter vicinity
Detailed locatio	n	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side
Detailed trouble	e mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble status		Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC reading result from each module using Subaru Select Monitor	VDC CM*1*8	Commu- nication failure	Current C1431 Past C1431 U0073 U0100 U0101 U0126 U0140	Current U0073 U0100 U0101 U0126 U0140 Past Same as above	Current C1431 Past C1431 U0073 U0100 U0100 U0101 U0126 U0140	Current U0100 U0101 U0126 Past Same as above	Current C1431 Past C1431 U0100 U0101 U0126	Current None Past None	Current None Past None
	Body inte- grated unit ^{*2}	Current U0122 Past Same as above	Past U0122	Communi- cation fail- ure	Past U0122	Current U0100 U0101 U0155 U0164 (U1201) Past Same as above	Past U0100 U0101 U0155 U0164 (U1201)	Current U0155 Past Same as above	Past U0155
	Combination meter ^{*3}	Current U0122 Past Same as above	Past U0122	Communi- cation fail- ure	Past U0122	Communi- cation fail- ure	Past U0122 U0140	Commu- nication failure	Past U0073 U0100 U0101 U0122 U0131 U0140 U0151 U0164 Any 5 items from above
	MFD ^{*4}	Current None Past None	Current None Past None	Communi- cation fail- ure	Current None Past None	Communi- cation fail- ure	Past U1650	Current (U1650) (U1201) Past Same as above	Past (U1650) (U1201)

Control module	1	VDC CM	VDC CM	Body inte-	Body inte-	Body inte-	Body inte-	Combina-	Combina-
		vicinity	vicinity	grated unit (VDC side) vicinity	grated unit (VDC side) vicinity	grated unit (EGI side) vicinity	grated unit (EGI side) vicinity	tion meter vicinity	tion meter vicinity
Detailed location	n	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side
Detailed trouble	e mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble status		Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC reading result from each module using Subaru Select Monitor	A/C control panel ^{*5}	Current U0122 Past Same as above	Past U0122	Communi- cation fail- ure	Past U0122	Communi- cation fail- ure	Past U0122 U0140	Current U0155 Past Same as above	Past U0155
	TCM ^{*1}	Current U0122 Past Same as above	Past U0122	Communi- cation fail- ure	Past U0122	Communi- cation fail- ure	Past U0122 U0140	Current U0155 Past Same as above	Past U0155
	A/B CM ^{*6}	Current None Past None	Current None Past None	Communi- cation fail- ure	Current None Past None	Communi- cation fail- ure	Current None Past None	Current None Past None	Current None Past None
	Electric power steer- ing CM ^{*7}	Current U0122 Latest Same as above	Current None Latest U0122	Current U0122 Latest Same as above	Latest U0122	Current U0122 Latest Same as above	Latest U0122	Current (C2543) Latest Same as above	Current (C2544) Latest (C2543) (C2544)
	ECM ^{*1}	Current P0700 U0122 Past Same as above	Past P0700 U0122	Current P0700 U0122 Past Same as above	Past P0700 U0122	Current U0122 Past Same as above	Past U0122	Current U0155 Past Same as above	Past U0155
	Auto head- light beam leveler CM ^{*6}	Current U0122 Past Same as above	Past U0122	Current U0140 Past Same as above	Past U0140	Current None Past None	Current None Past None	Current None Past None	Current None Past None

LAN SYSTEM (DIAGNOSTICS)

Control module	VDC CM vicinity	VDC CM vicinity	Body inte- grated unit	Body inte- grated unit	Body inte- grated unit	Body inte- grated unit	Combina- tion meter	Combina- tion meter
	VICITIITY	vicinity	(VDC side)	(VDC side)	(EGI side)	(EGI side)	vicinity	vicinity
			vicinity	vicinity	vicinity	vicinity	violinty	violinty
Detailed location	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side
Detailed trouble mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble status	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
Indicators illuminate/blink.	CHECK ENGINE, VDC, VDC off, ABS, BRAKE illumi- nate. AT OIL TEMP, CRUISE blink. Head- light beam leveler indica- tor illu- minates.	CHECK ENGINE, VDC, ABS illu- minate. CRUISE blink	CHECK ENGINE, VDC, ABS, VDC off, BRAKE illuminate. AT OIL TEMP, CRUISE blink. Headlight beam lev- eler indica- tor illumi- nates.	CHECK ENGINE, VDC, ABS illuminate. CRUISE blink	CHECK ENGINE, VDC, VDC off, ABS, BRAKE illuminate. SPORTS illuminates. TPMS blinks → illuminates. AT OIL TEMP, CRUISE blink.	CHECK ENGINE, VDC, ABS illuminate. CRUISE blink	CHECK ENGINE, A/B, BRAKE, VDC, EMPTY, VDC OFF, ABS illu- minate. Engine coolant tempera- ture gauge (blue/red) blinks. TPMS blinks → illumi- nates. Shift indi- cator goes off. Fuel level warning indicator goes off. Tachome- ter: 0 rpm	CHECK ENGINE, VDC illu- minate. CRUISE blink

*1: When U0073 occurs, other U-codes are not stored. (Judge timing affects the storing order.)

*2: The number of DTC memory is limited to 8 items.

*3: The number of DTC memory is limited to 5 items. (Older items are preferentially stored.)

*4: The number of DTC memory is limited to 2 items. (Older items are preferentially stored.)

*5: All types of DTCs can be simultaneously stored. When U0073 occurs, other U-codes are not displayed.

*6: All types of DTCs can be simultaneously stored.

*7: The number of DTC memory is limited to 1 item for Current and 3 items for Latest.

*8: If C1431 contains a current malfunction after repair, perform IGN OFF → ON. (It remains immediately after repair.)

				A/O	A/O	Oto a visa av	Oto e vin e		
Control module	;	MFD vicinity	MFD vicinity	A/C con- trol panel vicinity	A/C con- trol panel vicinity	Steering angle sen- sor vicinity	Steering angle sen- sor vicinity	AT CM vicinity	AT CM vicinity
Detailed location	on	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side
Detailed trouble	e mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble status		Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC reading result from each module	VDC CM ^{*1*8}	Current None	Current None	Current None	Current None	Current U0126	Past U0126	Current U0101	Current C1431
using Subaru Select Monitor		Past None	Past None	Past None	Past None	Past Same as above		Past Same as above	Past C1431 U0101
	Body inte- grated unit ^{*2}	Current None	Current None	Current U0164	Past U0164	Current None	Current None	Current U0101	Past U0101
		Past None	Past None	Past Same as above		Past None	Past None	Past Same as above	
	Combination meter ^{*3}	Current None	Current None	Current U0164	Past U0164	Current None	Current None	Current U0101	Past U0101
		Past None	Past None	Past None		Past None	Past None	Past Same as above	
	MFD ^{*4}	Commu- nication failure	Past U1201 U0073	Current None	Current None	Current None	Current None	Current None	Current None
				Past None	Past None	Past None	Past None	Past None	Past None
	A/C control panel ^{*5}	Current None	Current None	Communi- cation fail- ure	Past U0100 U0155	Current None	Current None	Current U0101	Past U0101
		Past None	Past None			Past None	Past None	Past Same as above	
	TCM ^{*1}	Current None	Current None	Current None	Current None	Current None	Current None	Communi- cation fail- ure	Past U0100 U0122
		Past None	Past None	Past None	Past None	Past None	Past None		U0140 U0155
	A/B CM ^{*6}	Current None	Current None	Current None	Current None	Current None	Current None	Current None	Current None
		Past None	Past None	Past None	Past None	Past None	Past None	Past None	Past None
	Electric power steer- ing CM ^{*7}	Current None	Current None	Current None	Current None	Current None	Current None	Current None	Current None
		Latest None	Latest None	Latest None	Latest None	Latest None	Latest None	Latest None	Latest None

LAN SYSTEM (DIAGNOSTICS)

Control module	9	MFD vicinity	MFD vicinity	A/C con- trol panel vicinity	A/C con- trol panel vicinity	Steering angle sen- sor vicinity	Steering angle sen- sor vicinity	AT CM vicinity	AT CM vicinity
Detailed location	on	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side
Detailed trouble	e mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble status		Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC reading result from each module using Subaru Select Monitor	ECM ^{*1}	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current U0101 Past Same as above	Past U0101
	Auto head- light beam leveler CM ^{*6}	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None
Indicators illum	inate/blink.	No change No change in MFD	No change No change in MFD	No change	No change	VDC, ABS illuminate.	No change	CHECK ENGINE, VDC, ABS illuminate. CRUISE blink Shift indi- cator goes off.	CHECK ENGINE, VDC, ABS illuminate. CRUISE blink

*1: When U0073 occurs, other U-codes are not stored. (Judge timing affects the storing order.)

*2: The number of DTC memory is limited to 8 items.

*3: The number of DTC memory is limited to 5 items. (Older items are preferentially stored.)

*4: The number of DTC memory is limited to 2 items. (Older items are preferentially stored.)

*5: All types of DTCs can be simultaneously stored. When U0073 occurs, other U-codes are not displayed.

*6: All types of DTCs can be simultaneously stored.

*7: The number of DTC memory is limited to 1 item for Current and 3 items for Latest.

*8: If C1431 contains a current malfunction after repair, perform IGN OFF → ON. (It remains immediately after repair.)

Control mod	lule	A/B CM vicinity	A/B CM vicinity	Electric power steering CM vicinity	Electric power steering CM vicinity	ECM vicinity	ECM vicinity	Auto head- light beam leveler CM vicinity	Auto head- light beam leveler CM vicinity
Detailed loc	ation	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side
Detailed trou	uble mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble state		Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC read- ing result from each	VDC CM ^{*1*8}	Current None	Current None	Current None	Current None	Current C1431 U0100	Current C1431	Current None	Current None
module using Sub- aru Select Monitor		Past None	Past None	Past None	Past None	Past Same as above	Past C1431 U0100	Past None	Past None
	Body inte- grated unit ^{*2}	Current None	Current None	Current None	Current None	Current U0100 (U1201)	Past U0100 (U1201)	Current None	Current None
		Past None	Past None	Past None	Past None	Past Same as above		Past None	Past None
	Combination meter ^{*3}	Current U0151	Past U0151	Current U0131	Past U0131	Current U0100 (U0073)	Past U0100 (U0073)	Current None	Current None
		Past Same as above		Past Same as above		Past Same as above		Past None	Past None
	MFD ^{*4}	Current None	Current None	Current None	Current None	Current None	Current None	Current None	Current None
		Past None	Past None	Past None	Past None	Past None	Past None	Past None	Past None
	A/C control panel ^{*5}	Current None	Current None	Current None	Current None	Current U0100	Past U0100	Current None	Current None
		Past None	Past None	Past None	Past None	Past Same as above		Past None	Past None
	TCM ^{*1}	Current None	Current None	Current None	Current None	Current U0100	Past U0100	Current None	Current None
		Past None	Past None	Past None	Past None	Past Same as above		Past None	Past None
	A/B CM ^{*6}	Commu- nication failure	Current None	Current None	Current None	Current None	Current None	Current None	Current None
			Past None	Past None	Past None	Past None	Past None	Past None	Past None

LAN SYSTEM (DIAGNOSTICS)

Control mod	lule	A/B CM vicinity	A/B CM vicinity	Electric power steering CM vicinity	Electric power steering CM vicinity	ECM vicinity	ECM vicinity	Auto head- light beam leveler CM vicinity	Auto head- light beam leveler CM vicinity
Detailed loc	ation	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side	Lo side
Detailed trou	uble mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble state	us	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC read- ing result from each module using Sub- aru Select Monitor	Electric power steer- ing CM ^{*7}	Current None Latest None	Current None Latest None	Current U1120 ^{*9} U0122 C2543 Any 1 item from above Latest U0122 C2543 (U1120 ^{*9})	Latest U0122 C2543 (U1120 ^{*9})	Current C2543 U0073 None or any 1 item from above Latest C2543 U0073	Latest C2543 U0073	Current None Past None	Current None Past None
	ECM ^{*1}	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current U0073 Past Same as above	Past U0073	Current None Past None	Current None Past None
	Auto head- light beam leveler CM ^{*6}	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Communi- cation fail- ure	Past U0122 U0140
Indicators ill	uminate/blink.	A/B illu- minates.	No change	No change	No change	VDC, ABS, CHECK ENGINE, EMPTY illu- minate. AT OIL TEMP blinks. Engine cool- ant tempera- ture gauge (blue/red) blinks. Fuel gauge goes off. Tachometer: 0 rpm	CHECK ENGINE, VDC, ABS illu- minate. CRUISE blink	Headlight beam lev- eler indica- tor illumi- nates.	No change

*1: When U0073 occurs, other U-codes are not stored. (Judge timing affects the storing order.)

*2: The number of DTC memory is limited to 8 items.

*3: The number of DTC memory is limited to 5 items. (Older items are preferentially stored.)

*4: The number of DTC memory is limited to 2 items. (Older items are preferentially stored.)

*5: All types of DTCs can be simultaneously stored. When U0073 occurs, other U-codes are not displayed.

*6: All types of DTCs can be simultaneously stored.

*7: The number of DTC memory is limited to 1 item for Current and 3 items for Latest.

*8: If C1431 contains a current malfunction after repair, perform IGN OFF \rightarrow ON. (It remains immediately after repair.)

*9: When this code is displayed, perform the diagnosis as COMMUNICATION MALFUNCTION (METER ECU) (U0155). DTC that occurs in "Current" is displayed in top of the "Latest" list.

3. Hi/Lo-side circuit of CAN communication circuit is open.

NOTE:

• If the module has a limit of DTC memory and the number of DTC occurrence exceeds the limit, older DTCs are preferentially stored.

• When there is no description in Current, it is referred to as "None".

• When DTC is in parentheses, it is referred to as "Not always occur".

• "Trouble exists" is referred to as the status before performing inspection and repair. "Trouble existed" is referred to as the status before performing DTC clear after repair.

Control module	9	VDC CM vicinity	VDC CM vicinity	Body inte- grated unit (VDC side) vicinity	Body inte- grated unit (VDC side) vicinity	Body inte- grated unit (EGI side) vicinity	Body inte- grated unit (EGI side) vicinity	Combina- tion meter vicinity	Combina- tion meter vicinity
Detailed location	วท	Both sides	Both sides	Both sides	Both sides	Both sides	Both sides	Both sides	Both sides
Detailed troubl	e mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble status		Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC reading result from each module using Subaru Select Moni- tor	VDC CM ^{*1*8}	Commu- nication failure	Current C1431 Past C1431 U0073 U0100 U0101 U0126 U0140	Current U0073 U0100 U0101 U0126 U0140 Past Same as above	Current C1431 Past C1431 U0073 U0100 U0101 U0126 U0140	Current U0100 U0101 U0126 Past Same as above	Current C1431 Past C1431 U0100 U0101 U0126	Current None Past None	Current None Past None
	Body inte- grated unit ^{*2}	Current U0122 Past Same as above	Past U0122	Communi- cation fail- ure	Past U0122	Current U0100 U0101 U0155 U0164 Past Same as above	Past U0100 U0101 U0155 U0164	Current U0155 Past Same as above	Past U0155
	Combination meter ^{*3}	Current U0122 Past Same as above	Past U0122	Communi- cation fail- ure	Past U0122	Communi- cation fail- ure	Past U0122 U0140	Commu- nication failure	Past U0073 U0100 U0101 U0122 U0131 U0140 U0151 U0164 Any 5 items from above
	MFD ^{*4}	Current None Past None	Current None Past None	Communi- cation fail- ure	Current None Past None	Communi- cation fail- ure	Past U1650	Current U1650 Past Same as above	Past U1650

Control module	9	VDC CM vicinity	VDC CM vicinity	Body inte- grated unit (VDC side) vicinity	Body inte- grated unit (VDC side) vicinity	Body inte- grated unit (EGI side) vicinity	Body inte- grated unit (EGI side) vicinity	Combina- tion meter vicinity	Combina- tion meter vicinity
Detailed location	on	Both sides	Both sides	Both sides	Both sides	Both sides	Both sides	Both sides	Both sides
Detailed troubl	e mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble status		Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC reading result from each module using Subaru Select Moni- tor	A/C control panel ^{*5}	Current U0122 Past Same as above	Past U0122	Communi- cation fail- ure	Past U0122	Communi- cation fail- ure	Past U0122 U0140	Current U0155 Past Same as above	Past U0155
	TCM ^{*1}	Current U0122 Past Same as above	Past U0122	Communi- cation fail- ure	Past U0122	Communi- cation fail- ure	Past U0122 U0140	Current U0155 Past Same as above	Past U0155
	A/B CM ^{*6}	Current None Past None	Current None Past None	Communi- cation fail- ure	Current None Past None	Communi- cation fail- ure	Current None Past None	Current None Past None	Current None Past None
	Electric power steer- ing CM ^{*7}	Current U0122 Latest Same as above	Current None Latest U0122	Current U0122 Latest Same as above	Latest U0122	Current U0122 Latest Same as above	Latest U0122	Current None Latest None	Current None Latest None
	ECM ^{*1}	Current P0700 U0122 Past Same as above	Past P0700 U0122	Current P0700 U0122 Past Same as above	Past P0700 U0122	Current U0122 Past Same as above	Past U0122	Current U0155 Past Same as above	Past U0155
	Auto head- light beam leveler CM ^{*6}	Current U0122 Past Same as above	Past U0122	Current U0140 Past Same as above	Past U0140	Current None Past None	Current None Past None	Current None Past None	Current None Past None

LAN SYSTEM (DIAGNOSTICS)

Control module	VDC CM vicinity	VDC CM vicinity	Body inte- grated unit (VDC side)	Body inte- grated unit (VDC side)	Body inte- grated unit (EGI side)	Body inte- grated unit (EGI side)	Combina- tion meter vicinity	Combina- tion meter vicinity
Detailed location	Both sides	Both sides	vicinity Both sides	vicinity Both sides	vicinity Both sides	vicinity Both sides	Both sides	Both sides
Detailed trouble mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble status	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
Indicators illuminate/blink.	CHECK ENGINE, VDC, VDC off, ABS, BRAKE illumi- nate. AT OIL TEMP, CRUISE blink. Head- light beam leveler indicator illumi- nates.	CHECK ENGINE, VDC, ABS illu- minate. CRUISE blink	CHECK ENGINE, VDC, ABS, VDC off, BRAKE illuminate. AT OIL TEMP, CRUISE blink. Headlight beam lev- eler indica- tor illumi- nates.	CHECK ENGINE, VDC, ABS illuminate. CRUISE blink	CHECK ENGINE, VDC, VDC off, ABS, BRAKE illuminate. SPORTS illumi- nates. TPMS blinks → illumi- nates. AT OIL TEMP, CRUISE blink.	CHECK ENGINE, VDC, ABS illuminate. CRUISE blink	CHECK ENGINE, A/B, BRAKE, VDC, EMPTY, VDC OFF, ABS illumi- nate. Engine coolant tempera- ture gauge (blue/red) alter- nately blinks. TPMS blinks → illumi- nates. Shift indi- cator goes off. Fuel level warning indicator goes off. Tachome- ter: 0 rpm	CHECK ENGINE, VDC illu- minate. CRUISE blink

*1: When U0073 occurs, other U-codes are not stored. (Judge timing affects the storing order.)

*2: The number of DTC memory is limited to 8 items.

*3: The number of DTC memory is limited to 5 items. (Older items are preferentially stored.)

*4: The number of DTC memory is limited to 2 items. (Older items are preferentially stored.)

*5: All types of DTCs can be simultaneously stored. When U0073 occurs, other U-codes are not displayed.

*6: All types of DTCs can be simultaneously stored.

*7: The number of DTC memory is limited to 1 item for Current and 3 items for Latest.

*8: If C1431 contains a current malfunction after repair, perform IGN OFF → ON. (It remains immediately after repair.)

LAN SYSTEM (DIAGNOSTICS)

result from each module using Subaru Select Monitor Rome None Rome	Control module		MFD vicinity	MFD vicinity	A/C control panel	A/C control panel	Steering angle sen-	Steering angle sen-	AT CM vicinity	AT CM vicinity
sides sides open Trouble Trouble Trouble Trouble Trouble Trouble Trouble Trouble Exists <th< td=""><td></td><td></td><td></td><td></td><td>vicinity</td><td>vicinity</td><td>sor vicinity</td><td>sor vicinity</td><td></td><td></td></th<>					vicinity	vicinity	sor vicinity	sor vicinity		
Trouble status Trouble exists Current None Current None Current None <th< td=""><td>Detailed location</td><td>1</td><td></td><td></td><td>Both sides</td><td>Both sides</td><td>Both sides</td><td>Both sides</td><td>Both sides</td><td>Both sides</td></th<>	Detailed location	1			Both sides	Both sides	Both sides	Both sides	Both sides	Both sides
existsexistsexistsexistsexistsexistsDTC reading result from each module using Subaru Select MonitorVDC CM*1*8 Past Past Past RoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent Past NoneNonePast NoneNonePast NoneNonePast NoneNonePast NoneNoneNonePast NoneNoneNonePast None <td>Detailed trouble</td> <td>mode</td> <td>Open</td> <td>Open</td> <td>Open</td> <td>Open</td> <td>Open</td> <td>Open</td> <td>Open</td> <td>Open</td>	Detailed trouble	mode	Open	Open	Open	Open	Open	Open	Open	Open
result from each module using Subaru Select Monitor Select Monitor								Trouble existed	Trouble exists	Trouble existed
Select Monitor None None None None None None Same as above Body inte- grated unit ² Current None Current None Current U0164 Past U0164 Past U0164 Past None None None Past None None None None None None None	esult from	VDC CM ^{*1*8}						Past U0126	Current U0101	Current C1431
grated unit*2NoneNoneU0164U0164NonePast NonePast NonePast Same as abovePast NonePast NoneCombination meter*3Current NoneCurrent NoneCurrent NoneCurrent U0164Past U0164Current NoneMFD*4Commu- nication failurePast NonePast NonePast NonePast NonePast NoneCurrent NoneNonePast NonePast NoneNoneA/C control panel*5Current NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneNonePast NoneNoneTCM*1Current NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneA/B CM*6Current NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneA/B CM*6Current NoneCurrent NoneCurrent 	-						Same as		Past Same as above	Past C1431 U0101
NoneNoneSame as aboveNoneNoneCombination meter '3Current NoneCurrent NoneCurrent U0164Past U0164Past NonePast NonePast NonePast NonePast NonePast NonePast NonePast NonePast NonePast NoneMFD '4Commu- nication failurePast U1201 (U0073)Current NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneA/C control panel '5Current NoneCurrent NoneCommui- cation fail- urePast NonePast NonePast NonePast NoneTCM '1Current NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneA/B CM '6Current NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneA/B CM '6Current NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneA/B CM '6Current NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneA/B CM '6Current NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneA/B CM '6Current NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneA/B CM '6Current NoneCurrent NoneC		Body inte- grated unit ^{*2}						Current None	Current U0101	Past U0101
meter*3NoneNoneU0164U0164NonePast NonePast NonePast NonePast NonePast NonePast NonePast NoneMFD*4Communication failureCurrent (U0073)Current NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NonePast NonePast NonePast NonePast NonePast NonePast NoneCurrent None<					Same as			Past None	Past Same as above	
NoneNoneNoneNoneNoneMFD*4Communication failurePast U1201 (U0073)Current NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NonePast NonePast NonePast NonePast NonePast NonePast NonePast NonePast NonePast NonePast NoneCurrent NoneNonePast NonePast NonePast NonePast NonePast NonePast NonePast NonePast NonePast NonePast NonePast NonePast NonePast 								Current None	Current U0101	Past U0101
nication failureU1201 (U0073)NoneNoneNoneA/C control panel*5Current NoneCurrent NoneCurrent NoneCommuni- cation fail- urePast NonePast 								Past None	Past Same as above	
A/C control panel*5Current NoneCurrent Current NoneCurrent Current Cation fail- urePast U0100 U0155Current 		MFD ^{*4}	nication	U1201				Current None	Current None	Current None
panel*5NoneNonecation failureU0100 U0155NonePast NonePast NonePast NonePast NonePast NonePast NoneTCM*1Current NoneCurrent NoneCurrent 								Past None	Past None	Past None
Past NonePast NonePast NonePast NoneTCM*1Current NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent 					cation fail-	U0100		Current None	Current U0101	Past U0101
NoneNoneNoneNoneNoneNoneNonePast NonePast NonePast NonePast NonePast NonePast NonePast NonePast NonePast NonePast 								Past None	Past Same as above	
NoneNoneNoneNoneNoneA/B CM*6Current NoneCurrent NoneCurrent NoneCurrent NoneCurrent NoneCurrent NonePast NonePast NonePast NonePast 		TCM ^{*1}						Current None	Commu- nication failure	Past U0100 U0122
NoneNoneNoneNoneNonePastPastPastPastPastNoneNoneNoneNoneNoneElectricCurrentCurrentCurrentCurrent	-							Past None		U0140 U0155
NoneNoneNoneNoneElectricCurrentCurrentCurrentCurrent	E	A/B CM ^{*6}						Current None	Current None	Current None
								Past None	Past None	Past None
ing CM ^{*7}		power steer-	None	None	None	None	None	Current None	Current None	Current None
								Latest None	Latest None	Latest None

LAN SYSTEM (DIAGNOSTICS)

A									
Control module		MFD	MFD	A/C control	A/C control	Steering	Steering	AT CM	AT CM
		vicinity	vicinity	panel	panel	angle sen-	angle sen-	vicinity	vicinity
D · · · · · · · ·			D	vicinity	vicinity	sor vicinity	sor vicinity	D 11	D
Detailed locatio	n	Both	Both	Both sides	Both sides	Both sides	Both sides	Both	Both
		sides	sides	-				sides	sides
Detailed trouble	e mode	Open	Open	Open	Open	Open	Open	Open	Open
Trouble status		Trouble	Trouble	Trouble	Trouble	Trouble	Trouble	Trouble	Trouble
		exists	existed	exists	existed	exists	existed	exists	existed
DTC reading	ECM ^{*1}	Current	Current	Current	Current	Current	Current	Current	Past
result from		None	None	None	None	None	None	U0101	U0101
each module		-		-					
using Subaru		Past	Past	Past	Past	Past	Past	Past	
Select Monitor		None	None	None	None	None	None	Same as	
			-	_	_	_	_	above	
	Auto head-	Current	Current	Current	Current	Current	Current	Current	Current
	light beam leveler CM ^{*6}	None	None	None	None	None	None	None	None
		Past	Past	Past	Past	Past	Past	Past	Past
		None	None	None	None	None	None	None	None
Indicators illumi	inate/blink.	No	No	No change	No change	VDC, ABS	No change	CHECK	CHECK
		change	change	, C	, , , , , , , , , , , , , , , , , , ,	illuminate.		ENGINE,	ENGINE,
								VDC,	VDC,
		No	No					ABS illu-	ABS illu-
		change	change					minate.	minate.
		in MFD	in MFD						
								CRUISE	CRUISE
								blink	blink
								Shift indi-	
								cator	
								goes off.	

*1: When U0073 occurs, other U-codes are not stored. (Judge timing affects the storing order.)

*2: The number of DTC memory is limited to 8 items.

*3: The number of DTC memory is limited to 5 items. (Older items are preferentially stored.)

*4: The number of DTC memory is limited to 2 items. (Older items are preferentially stored.)

*5: All types of DTCs can be simultaneously stored. When U0073 occurs, other U-codes are not displayed.

*6: All types of DTCs can be simultaneously stored.

*7: The number of DTC memory is limited to 1 item for Current and 3 items for Latest.

*8: If C1431 contains a current malfunction after repair, perform IGN OFF \rightarrow ON. (It remains immediately after repair.)

Control module		A/B CM vicinity	A/B CM vicinity	Electric power steering CM vicinity	Electric power steering CM vicinity	ECM vicinity	ECM vicinity	Auto head- light beam leveler CM vicinity	Auto head- light beam leveler CM vicinity
Detailed location		Both sides	Both sides	Both sides	Both sides	Both sides	Both sides	Both sides	Both sides
Detailed trouble mode		Open	Open	Open	Open	Open	Open	Open	Open
Trouble status		Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC read- ing result from each module using Sub- aru Select	VDC CM*1*8	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current C1431 U0100 Past Same as	Current C1431 Past C1431 U0100	Current None Past None	Current None Past None
Monitor						above			
	Body inte- grated unit ^{*2}	Current None	Current None	Current None	Current None	Current U0100 (U1201)	Past U0100 (U1201)	Current None	Current None
		Past None	Past None	Past None	Past None	Past Same as above		Past None	Past None
	Combination meter ^{*3}	Current U0151	Past U0151	Current U0131	Past U0131	Current U0100	Past U0100	Current None	Current None
		Past Same as above		Past Same as above		Past Same as above		Past None	Past None
	MFD ^{*4}	Current None	Current None	Current None	Current None	Current None	Current None	Current None	Current None
		Past None	Past None	Past None	Past None	Past None	Past None	Past None	Past None
	A/C control panel ^{*5}	Current None	Current None	Current None	Current None	Current U0100	Past U0100	Current None	Current None
		Past None	Past None	Past None	Past None	Past Same as above		Past None	Past None
	TCM ^{*1}	Current None	Current None	Current None	Current None	Current U0100	Past U0100	Current None	Current None
		Past None	Past None	Past None	Past None	Past Same as above		Past None	Past None
	A/B CM ^{*6}	Commu- nication failure	Current None	Current None	Current None	Current None	Current None	Current None	Current None
			Past None	Past None	Past None	Past None	Past None	Past None	Past None

LAN SYSTEM (DIAGNOSTICS)

Control mod	dulo	A/B CM	A/B CM	Fleatria	Flootrio	ECM	ECM	Auto bood	Auto head-
		vicinity	vicinity	Electric power steering	Electric power steering	vicinity	vicinity	Auto head- light beam leveler CM	light beam leveler CM
				CM vicinity	CM vicinity			vicinity	vicinity
Detailed location		Both sides	Both sides	Both sides	Both sides	Both sides	Both sides	Both sides	Both sides
Detailed trouble mode		Open	Open	Open	Open	Open	Open	Open	Open
Trouble status		Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed	Trouble exists	Trouble existed
DTC read- ing result from each module using Sub- aru Select Monitor	Electric power steer- ing CM ^{*7}	Current None Latest None	Current None Latest None	Current U1120 ^{*9} U0122 C2543 Any 1 item from above Latest U0122 C2543 (U1120 ^{*9})	Latest U0122 C2543 (U1120 ^{*9})	Current C2543 U0073 None or any 1 item from above Latest C2543 U0073	Latest C2543 U0073	Current None Past None	Current None Past None
	ECM ^{*1}	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current U0073 Past Same as above	Past U0073	Current None Past None	Current None Past None
	Auto head- light beam leveler CM ^{*6}	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Current None Past None	Communi- cation fail- ure	Past U0122 U0140
Indicators il	luminate/blink.	A/B illu- minates.	No change	No change	No change	VDC, ABS, CHECK ENGINE, EMPTY illu- minate. AT OIL TEMP blinks. Engine cool- ant tempera- ture gauge (blue/red) blinks. Fuel gauge goes off. Tachometer: 0 rpm	CHECK ENGINE, VDC, ABS illu- minate. CRUISE blink	Headlight beam lev- eler indica- tor illuminates.	No change

*1: When U0073 occurs, other U-codes are not stored. (Judge timing affects the storing order.)

*2: The number of DTC memory is limited to 8 items.

*3: The number of DTC memory is limited to 5 items. (Older items are preferentially stored.)

*4: The number of DTC memory is limited to 2 items. (Older items are preferentially stored.)

*5: All types of DTCs can be simultaneously stored. When U0073 occurs, other U-codes are not displayed.

*6: All types of DTCs can be simultaneously stored.

*7: The number of DTC memory is limited to 1 item for Current and 3 items for Latest.

*8: If C1431 contains a current malfunction after repair, perform IGN OFF \rightarrow ON. (It remains immediately after repair.)

*9: When this code is displayed, perform the diagnosis as COMMUNICATION MALFUNCTION (METER ECU) (U0155). DTC that occurs in "Current" is displayed in top of the "Latest" list.

LAN SYSTEM (DIAGNOSTICS)

4. Power supply-output short, GND-output short and short circuit in CAN communication circuit NOTE:

 If the module has a limit of DTC memory and the number of DTC occurrence exceeds the limit, older DTCs are preferentially stored.

- When there is no description in Current, it is referred to as "None".
- When DTC is in parentheses, it is referred to as "Not always occur".

• "Trouble exists" is referred to as the status before performing inspection and repair. "Trouble existed" is referred to as the status before performing DTC clear after repair.

Control module	*10	Option	Option	Option	Option	Option	Option	Option	Option
Detailed location	on	Hi side	Lo side	Hi to Low	Hi side	Lo side	Hi to Low	Lo side	Hi side
Detailed trouble mode		GND-out- put short	Power supply- output short	Short cir- cuit	GND-out- put short	Power supply- output short	Short cir- cuit	GND-out- put short ^{*9}	Power supply- output short ^{*9}
Trouble status		Trouble exists	4	~	Trouble existed	~	~	Trouble exists/ Trouble existed	~
DTC reading result from each module using Subaru Select Monitor	VDC CM ^{*1*8}	Communi- cation fail- ure	Ļ	4	Current C1431 None or 1 item from above Past U0073 C1431 (U0126)	<i>←</i>	4	Current None Past None	~
	Body inte- grated unit ^{*2}	Communi- cation fail- ure	~	<i>←</i>	Past U0073 U0100 U0101 U0122 U0155 U0164 U1201	<i>←</i>	~	Current None Past None	~
	Combination meter ^{*3}	Communi- cation fail- ure	4	<i>←</i>	Past U0073 U0100 U0101 U0122 U0131 U0140 U0151 U0164 Any 5 items from above	<i>←</i>	<i>←</i>	Current None Past None	~
	MFD ^{*4}	Communi- cation fail- ure	4	~	Past U0073 U1201 U1650 Any 1 or 2 items from above	<i>←</i>	~	Current None Past None	~

Control module	*10	Option	Option	Option	Option	Option	Option	Option	Option
Detailed locatio		Hi side	Lo side	Hi to Low	Hi side	Lo side	Hi to Low	Lo side	Hi side
Detailed trouble mode		GND-out- put short	Power supply- output short	Short cir- cuit	GND-out- put short	Power supply- output short	Short cir- cuit	GND-out- put short ^{*9}	Power supply- output short ^{*9}
Trouble status		Trouble exists	←	<i>←</i>	Trouble existed	<i>←</i>	<i>←</i>	Trouble exists/ Trouble existed	~
DTC reading result from each module using Subaru Select Monitor	A/C control panel ^{*5}	Communi- cation fail- ure	←	<i>←</i>	Past U0073	<i>←</i>	<i>←</i>	Current None Past None	←
	TCM ^{*1}	Communi- cation fail- ure	←	<i>←</i>	Past U0073 U0100 U0122 U0140 U0155	<i>←</i>	<i>←</i>	Current None Past None	←
	A/B CM ^{*6}	Communi- cation fail- ure	←	←	Past U0073	←	←	Current None Past None	~
	Electric power steer- ing CM ^{*7}	Current U0073 U0122 C2543 Any 1 items from above Latest	~	4	Latest U0073 U0122 C2543	4	4	Current None Latest None	←
		All items above							
	ECM ^{*1}	Current U0073 U0122 U0155 None or any 1 to 4 items from above Past Same as above	Ļ	4	Past U0073 U0101 U0122 U0155 None or any 1 to 4 items from above	4	4	Current None Past None	~
	Auto head- light beam leveler CM ^{*6}	Communi- cation fail- ure	~	<i>←</i>	Past U0140 U0122	<i>←</i>	<i>←</i>	Current None Past None	~

LAN SYSTEM (DIAGNOSTICS)

Control module ^{*10}	Option	Option	Option	Option	Option	Option	Option	Option
Detailed location	Hi side	Lo side	Hi to Low	Hi side	Lo side	Hi to Low	Lo side	Hi side
Detailed trouble mode	GND-out- put short	Power supply- output short	Short cir- cuit	GND-out- put short	Power supply- output short	Short cir- cuit	GND-out- put short ^{*9}	Power supply- output short ^{*9}
Trouble status	Trouble exists	←	<i>←</i>	Trouble existed	~	<i>←</i>	Trouble exists/ Trouble existed	~
Indicators illuminate/blink.	CHECK ENGINE, A/B, BRAKE, VDC, EMPTY, VDC OFF, ABS illumi- nate. Headlight beam lev- eler indica- tor illumi- nates. Engine coolant tempera- ture gauge (blue/red) alternately blinks. TPMS blinks → illumi- nates. Shift indi- cator goes off. Fuel level warning indicator goes off. Tachome-			CHECK ENGINE, VDC, ABS illu- minate. CRUISE blink	←		No change	↓
	ter: 0 rpm							

*1: When U0073 occurs, other U-codes are not stored. (Judge timing affects the storing order.)

*2: The number of DTC memory is limited to 8 items.

*3: The number of DTC memory is limited to 5 items. (Older items are preferentially stored.)

*4: The number of DTC memory is limited to 2 items. (Older items are preferentially stored.)

*5: All types of DTCs can be simultaneously stored. When U0073 occurs, other U-codes are not displayed.

*6: All types of DTCs can be simultaneously stored.

*7: The number of DTC memory is limited to 1 item for Current and 3 items for Latest.

*8: If C1431 contains a current malfunction after repair, perform IGN OFF \rightarrow ON. (It remains immediately after repair.)

*9: This can only be detected by inspection using a tester.

*10: In this trouble mode, a faulty portion can only be identified by inspection using a tester.