### A: OPERATION

For details of basic operations, refer to "PC application help for Subaru Select Monitor".

### **B: COMMUNICATION FOR INITIALIZING IMPOSSIBLE**

### **DIAGNOSIS:**

Subaru Select Monitor communication line is open or shorted.

### TROUBLE SYMPTOM:

Not communicable with Subaru Select Monitor.

### WIRING DIAGRAM:

CAN communication system <Ref. to WI(HEV)-65, WIRING DIAGRAM, CAN Communication System.>



	Step	Check	Yes	No
1	CHECK SUBARU SELECT MONITOR.	Is communication performed	Go to step 2.	Subaru Select
	<ol> <li>Connect the Subaru Select Monitor to</li> </ol>	normally?		Monitor unit or
	another vehicle.			diagnosis cable is
	2) Check communication condition between			faulty. Or check the
	Subaru Select Monitor and vehicle.			fuse on the vehicle
				side.

	Step	Check	Yes	No
2	CHECK COMMUNICATION FOR INITIALIZ- ING ERROR. Perform the communication for initializing with each module by connecting the Subaru Select Monitor. (For systems whose module can com- municate with diagnostic devices)	Is the communication possible with all modules?	Go to step 3.	Perform the inspection using the check sheet of communication for initializing. <ref. to<br="">LAN(HEV)(diag)- 12, CHECK USING THE CHECK SHEET OF COMMUNICA- TION FOR INI- TIALIZING, COMMUNICA- TION FOR INI- TIALIZING IMPOSSIBLE, Subaru Select Monitor.&gt;</ref.>
3	<ul> <li>CHECK K-LINE.</li> <li>1) Establish the communication between Select Monitor and K-Line communication module.</li> <li>2) Using a tester, check continuity between the modules that did not communicate with Select Monitor.</li> <li>Connector &amp; terminal (B40) No. 7 — (B450) No. 2 (electric power steering):</li> </ul>	Is there continuity?	Go to step 4.	Repair or replace the open circuit.
4	CHECK K-LINE. Using a tester, check continuity between K-line and chassis ground. Connector & terminal (B40) No. 7 — Chassis ground:	Is there continuity?	Repair or replace the short circuit portion.	Go to step 5.
5	CHECK K-LINE. Using a tester, check voltage between K-line and chassis ground. Connector & terminal (B40) No. 7 (+) — Chassis ground (–):	Is the voltage 5 V or more with IG ON?	Repair or replace the short circuit portion.	Go to step <b>6</b> .
6	CHECK K-LINE. Use a tester to check for continuity in the ground circuit. Connector & terminal (B40) No. 4 — (B136) No. 2: (B40) No. 5 — (B137) No. 4:	Is there continuity?	Go to step <b>8</b> .	Go to step <b>7</b> .
7	<ul> <li>CHECK K-LINE.</li> <li>1) Disconnect the ECM connector.</li> <li>2) Use a tester to check for continuity in the ground circuit.</li> <li>Connector &amp; terminal</li> <li>(B40) No. 4 — (B136) No. 2:</li> </ul>	Is there continuity?	Check ECM ground.	Repair or replace the open circuit.
8	<ul> <li>CHECK K-LINE.</li> <li>1) Turn the ignition switch to ON.</li> <li>2) Using a tester, check the power supply of data link connector.</li> <li>Connector &amp; terminal <ul> <li>(B40) No. 8 (+) — Chassis ground (-):</li> <li>(B40) No. 16 (+) — Chassis ground (-):</li> </ul> </li> </ul>	Is the voltage 10 V or more?	K-Line is normal. Check the power supply circuit of each module.	Check the power supply circuits to the data link con- nector.

### 1. CHECK USING THE CHECK SHEET OF COMMUNICATION FOR INITIALIZING

### Network diagram



#### Check sheet of communication for initializing

	(A)	(B)														(	C)												
											MA	IN-C	AN									P	U-CA	٨N		HE	V-C	٩N	
			1			1	2		3		0						2	2				1	I	1		1		-	1
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
																-	-					-	-	-					
VDC				-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU			-		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD			-			-	-	-	-		-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C			-			-	-	-	-		-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET			-			-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ТСМ			-				-	-	-		-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
A/B			-					-	-		-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
HPCM			-						-		-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
EPS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM			-								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS			-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL			-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP			-						-		-	-	-	-	-	-	-	-	-		-	-	-	-		-	-		-
BECM			-						-		-	-	-	-	-	-	-	-	-		-	-	-	-			-	-	
DMCM			-						-		-	-	-	-	-	-	-	-	-		-	-	-	-				-	-

(A) Installation check VDC: VDC CM HPCM: Hybrid powertrain CM (B) Communication initialization BIU: Body integrated unit EPS: Power steering CM (C) Wiring location MFD: High grade MFD ECM: Engine CM KPS: Keyless access CM A/C: A/C control panel **MET:** Combination meter AHL: Auto headlight beam leveler CM EOP: Electric oil pump RST: Remote engine starter CM STR: Steering angle sensor BECM: Battery energy CM (high voltage battery) TCM: Transmission CM DMCM: Drive motor CM A/B: Airbag CM DLC: Data link connector

#### 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.

#### NOTE:

Example of writing <Ref. to LAN(HEV)(diag)-14, EXAMPLE OF WRITING FOR THE CHECK SHEET OF COMMUNICATION FOR INITIALIZING, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, Subaru Select Monitor.>

2) SSM communication initialization check

(1) Write " $\bigcirc$ " marks in the field for communication initialization if the module succeeded in the communication for initializing with Select Monitor.

If the communication with all modules is not possible, go to 3).

(2) Write " $\bigcirc$ " marks in all blank fields on the same row that the " $\bigcirc$ " mark has filled in.

(3) When at least one field in a column of wiring location is filled with the " $\bigcirc$ " mark, then the wiring for that location is normal. Write " $\bigcirc$ " marks in all blank fields on the same column that the " $\bigcirc$ " mark has filled in under the circled number.

(4) Check the open circuit of the modules which have no " $\bigcirc$ " mark in their columns of the wiring location in ascending order (closest to the data link connector first). (only for installed modules)

(5) If the communication is not possible after checking all harnesses, check the module power supply line.

(6) Perform the basic diagnostic procedure of the system if the power supply line is normal.

(7) Replace the module if the communication is not possible even after performing the basic diagnostic procedure.

#### NOTE:

• Example of writing <Ref. to LAN(HEV)(diag)-14, EXAMPLE OF WRITING FOR THE CHECK SHEET OF COMMUNICATION FOR INITIALIZING, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, Subaru Select Monitor.>

• Inspection using the communication for initializing of Subaru Select Monitor cannot be used to diagnose the wiring location marked with "-". Example of DTC data not received <Ref. to LAN(HEV)(diag)-92, EXAM-PLE OF DTC DATA NOT RECEIVED, LIST, List of Diagnostic Trouble Code (DTC).> and DTC matrix <Ref. to LAN(HEV)(diag)-95, DTC MATRIX, LIST, List of Diagnostic Trouble Code (DTC).> should be used to identify the faulty portion.

3) SSM communication initialization check (impossible to communicate with all modules)

#### NOTE:

Perform inspection regarding the trouble mode indicating that all CAN modules do not communicate. If at least one module becomes possible to communicate, return to 2).

(1) Check for the short circuit to ground. <Ref. to LAN(HEV)(diag)-39, GROUND SHORT INSPECTION (MAIN-CAN), INSPECTION, CAN Communication Circuit Check.> If it is normal, go to the next.

(2) Check for the short circuit to battery. <Ref. to LAN(HEV)(diag)-41, BATTERY SHORT INSPECTION (MAIN-CAN), INSPECTION, CAN Communication Circuit Check.> If it is normal, go to the next.

(3) Perform the inspection for the resistance of 52  $\Omega$  or less (short between wires). <Ref. to LAN(HEV)(di-

ag)-45, 52  $\Omega$  OR LESS, INSPECTION, CAN Communication Circuit Check.> If it is normal, go to the next. (4) Check for the open circuit of data link connector (No. 0 — 0) in network diagram.

# 2. EXAMPLE OF WRITING FOR THE CHECK SHEET OF COMMUNICATION FOR INITIALIZING

• When MAIN-CAN 0-0 is open

NOTE:

Perform inspection by referring to the SSM communication initialization check (impossible to communicate with all modules).

	(A)	(B)														(	(C)												
											MA	IN-C	AN									Р	U-CA	٨N		HE	V-C	٩N	
			1				2		3		0						2	2				1	1	1		1		-	1
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
																-	-					-	-	-					L
VDC	0	$\times$		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	$\times$	-		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	$\times$	-			-	-	-	-		-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	$\times$	-			-	-	-	-		-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	$\times$	-			-	-	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ТСМ	0	$\times$	-				-	-	-		-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
A/B	0	$\times$	-					-	-		-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
HPCM	0	$\times$	-						-		-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	$\times$	-								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	$\times$	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	$\times$	-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	Ó	$\times$	-						-		-	-	-	-	-	-	-	-	-		-	-	-	-		-	-		-
BECM	0	$\times$	-						-		-	-	-	-	-	-	-	-	-		-	-	-	-			-	-	L
DMCM	Ó	$\times$	-						-		-	-	-	-	-	-	-	-	-		-	-	-	-				-	-

### • When MAIN-CAN 0-1 is open

	(A)	(B)														(	C)												
											MA	IN-C	AN									Р	U-CA	٨N		HE	EV-C/	٩N	
			1				2		3		0						2	2				1	1	1		1		1	1
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			Ο	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	Ο	$\bigcirc$		Ο	$\bigcirc$	$\bigcirc$	Ο	-	-	Ο	$\bigcirc$	Ο	$\bigcirc$	-	-	-	$\bigcirc$	$\bigcirc$	$\bigcirc$	0	$\bigcirc$
VDC	0	0	Ο	-	-	-	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	Ο	-	-	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	0	-	Ο	0	-	-	-	-	Ο	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	0	-	0	0	-	-	-	-	Ο	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	0	-	0	0	-	-	-	-	0	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ТСМ	0	0	-	0	$\bigcirc$	$\bigcirc$	-	-	-	0	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-
A/B	0	0	-	Ο	0	0	0	-	-	0	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-
HPCM	0	0	-	Ο	0	0	0	Ο	-	Ο	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	0	-	Ο	0	0	0	Ο	Ο	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	$\times$	-	-	-	-	-	-	-	0		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	0	-	-	-	-	-	-	-	0	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	-	-	0	-
BECM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	-	-	0
DMCM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	0	-	-
																												LAN	01770

• When MAIN-CAN 0-2 is open

	(A)	(B)														(	C)												
											MA	IN-C	AN									Р	U-CA	٨N		HE	V-C/	٩N	
			1				2		3		0						2	2				1	l	1		1		1	1
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			0	0	0	0	0	Ο	0	0	0		0	0	0	-	-	0	0	0	0	-	-	-	0	$\bigcirc$	0	$\bigcirc$	$\bigcirc$
VDC	0	0	0	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	0	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	0	-	Ο	Ο	-	-	-	-	Ο	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	0	-	Ο	Ο	-	-	-	-	Ο	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	0	-	Ο	Ο	-	-	-	-	Ο	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	I	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
тсм	0	0	-	Ο	Ο	0	-	-	-	Ο	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-
A/B	0	0	-	0	Ο	$\bigcirc$	Ο	-	-	Ο	-	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-
HPCM	0	0	-	0	Ο	$\bigcirc$	Ο	Ο	-	Ο	-	-	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	0	-	0	Ο	$\bigcirc$	0	Ο	Ο	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	0	-	-	-	-	-	-	-	Ο	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	$\times$	-	-	-	-	-	-	-	Ο	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	0	-	0	0	Ο	0	Ο	-	Ο	-	-	-	-	-	-	-	-	-	Ο	-	-	-	-	0	-	-	Ο	-
BECM	0	0	-	0	0	Ο	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	Ο	-	-	0
DMCM	0	0	-	0	0	Ο	0	Ο	-	0	-	-	-	-	-	-	-	-	-	Ο	-	-	-	-	0	Ο	0	-	-
																													0177

#### • When MAIN-CAN 1-1 is open

	(A)	(B)														(	C)												
											MA	IN-C	AN									Р	U-CA	٨N		HE	EV-C/	٩N	
			1			:	2		3		0						2	2				1		1		1		1	I
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
				Ο	0	0	$\bigcirc$	$\bigcirc$	0	0	0	0	$\bigcirc$	0	0	-	-	0	$\bigcirc$	0	0	-	-	-	0	0	0	0	$\bigcirc$
VDC	0	$\times$		-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	Ο	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	0	-	Ο	Ο	-	-	-	-	0	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	0	-	0	Ο	-	-	-	-	Ο	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	0	-	0	Ο	-	-	-	-	Ο	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCM	0	0	-	0	Ο	Ο	-	-	-	Ο	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-
A/B	0	0	-	Ο	Ο	Ο	0	-	-	Ο	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-
HPCM	0	0	-	Ο	Ο	Ο	0	Ο	-	Ο	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	0	-	Ο	Ο	Ο	0	Ο	0	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	0	-	-	-	-	-	-	-	Ο	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	0	-	-	-	-	-	-	-	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	-	-	0	-
BECM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	-	-	$\bigcirc$
DMCM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	0	-	-
																												LAN	0177:

### • When MAIN-CAN 2-1 is open

	(A)	(B)														(	C)												
											MA	IN-C	AN									Р	U-CA	٩N		HE	EV-C	٩N	
			1			2	2		3		0						2	2				1	1	1		1		1	1
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			Ο							Ο	Ο	$\bigcirc$				-	-					-	-	-					
VDC	0	0	Ο	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	$\times$	-		-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	$\times$	-			-	-	-	-	Ο	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	$\times$	-			-	-	-	-	Ο	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	$\times$	-			-	-	-	-	Ο	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ТСМ	0	$\times$	-				-	-	-	Ο	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
A/B	0	$\times$	-					-	-	Ο	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
HPCM	0	$\times$	-						-	Ο	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	$\times$	-							Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	$\times$	-	-	-	-	-	-	-	Ο	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	$\times$	-	-	-	-	-	-	-	Ο	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	$\times$	-						-	Ó	-	-	-	-	-	-	-	-	-		-	-	-	-		-	-		-
BECM	0	$\times$	-						-	Ó	-	-	-	-	-	-	-	-	-		-	-	-	-			-	-	
DMCM	0	$\times$	-						-	0	-	-	-	-	-	-	-	-	-		-	-	-	-				-	-
																												LAN	01773

### • When MAIN-CAN 2-2 is open

	(A)	(B)														(	(C)												
											MA	IN-C	AN									Р	U-CA	٨N		HE	V-C	٩N	
			1				2		3		0						2	2				1	1	1		1		1	
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			$\bigcirc$	$\bigcirc$						$\bigcirc$	$\bigcirc$	Ο				-	-					-	-	-					
VDC	0	0	$\bigcirc$	-	-	-	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	$\bigcirc$	-	-	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	$\times$	-	Ο		-	-	-	-	$\bigcirc$	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	$\times$	-	0		-	-	-	-	0	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	$\times$	-	0		-	-	-	-	0	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ТСМ	0	$\times$	-	Ο			-	-	-	0	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
A/B	0	$\times$	-	Ο				-	-	0	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
HPCM	0	$\times$	-	0					-	0	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	$\times$	-	0						Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	$\times$	-	-	-	-	-	-	-	0	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	$\times$	-	-	-	-	-	-	-	0	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	$\times$	-	0					-	0	-	-	-	-	-	-	-	-	-		-	-	-	-		-	-		-
BECM	0	$\times$	-	0					-	0	-	-	-	-	-	-	-	-	-		-	-	-	-			-	-	
DMCM	0	$\times$	-	0					-	0	-	-	-	-	-	-	-	-	-		-	-	-	-				-	-
																												LAN	0177

### • When MAIN-CAN 2-2-1 is open

Image: black         Image: black <th< th=""><th></th><th>(A)</th><th>(B)</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>(</th><th>C)</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>		(A)	(B)														(	C)												
1         ·												MA	IN-C	AN									Р	U-CA	٨N		HE	V-C/	٩N	
1         1         2         3         4         5         1         2         3         1         2         3         1         2         3         1         2         3         1         2         3         1         2         3         1         2         3         1         2         3         1         2         3         1         1         2         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1				1			2	2		3		0						2	2				1	l	1		1		1	
-         -         -         -         -         -         -         0         1         2         1         2         3         1         2         3         1         1         2         -         1         1         1         -         1				1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
Mark				-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
VDC       O       O       O       I       I       O       I       O       I <thi< th=""> <thi< th=""> <thi< th=""></thi<></thi<></thi<>				Ο	Ο	Ο	0	Ο	0	0	$\bigcirc$	0	$\bigcirc$		Ο	0	-	-	Ο	0	0	0	-	-	-	0	$\bigcirc$	0	0	0
BIU       O	VDC	0	0	Ο	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD       O       X       I       O       I       I       O       I <thi< th=""> <thi< th=""> <thi< th=""></thi<></thi<></thi<>	BIU	0	0	-	0	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C       O	MFD	0	$\times$	-	0	0	-	-	-	-	0	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET       0	A/C	0	0	-	0	0	-	-	-	-	$\bigcirc$	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST       O <td< td=""><td>MET</td><td>0</td><td>0</td><td>-</td><td>0</td><td>0</td><td>-</td><td>-</td><td>-</td><td>-</td><td>0</td><td>-</td><td>-</td><td>-</td><td>-</td><td>0</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></td<>	MET	0	0	-	0	0	-	-	-	-	0	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR       O <th< td=""><td>RST</td><td>0</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></th<>	RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCM       O       O       I       O       I	STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/B       O	ТСМ	0	0	-	0	0	0	-	-	-	0	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-
HPCM       O	A/B	0	0	-	0	0	Ο	0	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-
EPS       O       -	HPCM	0	0	-	0	0	Ο	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-
ECM       O	EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS       O       O       I	ECM	0	0	-	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL       O       O       I	KPS	0	0	-	-	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP       O       -       O       O       O       O       O       -       O       -	AHL	0	0	-	-	-	-	-	-	-	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BECM       O       O       O       O       O       O       O       O       I	EOP	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	-	-	0	-
	BECM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	-	-	$\bigcirc$
	DMCM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	0	-	-

#### • When MAIN-CAN 2-2-2 is open

	(A)	(B)														(	C)												
											MA	IN-C	AN									Р	U-CA	٨N		HE	EV-C/	٩N	
			1			1	2		3		0						2	2				1		1		1		1	1
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			0	0	0	$\bigcirc$	0	$\bigcirc$	$\bigcirc$	0	0	$\bigcirc$	Ο		$\bigcirc$	-	-	0	$\bigcirc$	0	$\bigcirc$	-	-	-	0	$\bigcirc$	0	Ο	0
VDC	0	0	Ο	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	Ο	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	0	-	Ο	$\bigcirc$	-	-	-	-	Ο	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	$\times$	-	Ο	0	-	-	-	-	Ο	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	0	-	0	Ο	-	-	-	-	Ο	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ТСМ	0	0	-	0	0	$\bigcirc$	-	-	-	Ο	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-
A/B	0	0	-	0	0	Ο	0	-	-	Ο	-	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-
HPCM	0	0	-	0	0	Ο	0	Ο	-	0	-	-	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	0	-	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	0	-	-	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	0	-	-	-	-	-	-	-	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	-	-	0	-
BECM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	-	-	0
DMCM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	0	-	-

LAN01776

### • When MAIN-CAN 2-2-3 is open

	(A)	(B)														(	C)												
											MA	IN-C	AN									Р	U-CA	٨N		HE	V-C/	٩N	
			1				2		3		0						2	2				1		1		1		1	
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			0	0	$\bigcirc$	0	0	0	0	0	0	0	0	Ο		-	-	Ο	$\bigcirc$	0	0	-	-	-	0	Ο	0	Ο	0
VDC	0	0	0	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	0	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	0	-	0	$\bigcirc$	-	-	-	-	Ο	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	0	-	0	$\bigcirc$	-	-	-	-	Ο	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	$\times$	-	Ο	$\bigcirc$	-	-	-	-	Ο	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ТСМ	0	0	-	0	$\bigcirc$	Ο	-	-	-	Ο	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-
A/B	0	0	-	0	Ο	0	0	-	-	0	-	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-
HPCM	0	0	-	0	$\bigcirc$	$\bigcirc$	$\bigcirc$	Ο	-	Ο	-	-	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	0	-	0	Ο	0	0	0	0	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	0	-	-	-	-	-	-	-	Ο	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	0	-	-	-	-	-	-	-	Ο	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	0	-	0	$\bigcirc$	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	-	-	Ο	-
BECM	0	0	-	0	$\bigcirc$	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	Ο	-	-	Ο
DMCM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	0	-	-
																													01777

### • When MAIN-CAN 2-3 is open

	(A)	(B)														(	C)												
											MA	IN-C	AN									Р	U-CA	N		HE	V-C	٩N	
			1			1	2		3		0						2	2				1	I	1		1		1	
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			Ο	$\bigcirc$	0					Ο	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	-	-					-	-	-					
VDC	0	0	Ο	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	0	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	0	-	0	Ο	-	-	-	-	0	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	0	-	0	Ο	-	-	-	-	Ο	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	0	-	$\bigcirc$	0	-	-	-	-	Ο	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ТСМ	0	$\times$	-	$\bigcirc$	Ο		-	-	-	Ο	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
A/B	0	$\times$	-	$\bigcirc$	0			-	-	Ο	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
HPCM	0	$\times$	-	0	Ο				-	Ο	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	$\times$	-	0	Ο					0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	0	-	-	-	-	-	-	-	Ο	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	0	-	-	-	-	-	-	-	0	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	$\times$	-	0	0				-	0	-	-	-	-	-	-	-	-	-		-	-	-	-		-	-		-
BECM	0	$\times$	-	0	0				-	0	-	-	-	-	-	-	-	-	-		-	-	-	-			-	-	
DMCM	0	$\times$	-	0	0				-	0	-	-	-	-	-	-	-	-	-		-	-	-	-				-	-
																													017

#### LAN SYSTEM (DIAGNOSTICS)

#### When MAIN-CAN 2-3-1/2-3-2/2-5-2 is open

#### NOTE:

 Locations can be identified by the difference of data no-receive conditions between modules. <Ref. to LAN(HEV)(diag)-92, EXAMPLE OF DTC DATA NOT RECEIVED, LIST, List of Diagnostic Trouble Code (DTC).>

• If the remote engine starter does not operate even though no DTC has been detected, check the lines of the remote engine starter.

	(A)	(B)														(	(C)												
											MA	IN-C	AN									Р	U-CA	١N		HE	V-C	AN	
			1			2	2		3		0						2					1		1		1		1	
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			$\bigcirc$	0	0	0	0	0	0	0	0	Ο	0	0	0	-	-	0	0	0	Ο	-	-	-	0	0	0	0	0
VDC	0	0	0	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	0	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	FD       O       -       -       -       O       -															-	-												
A/C	Image: Normal and the second state of the second state															-	-												
MET	/C       O       -       O       -       -       O       -															-	-												
RST	IET       O															-	-	-											
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ТСМ	0	0	-	Ο	Ο	Ο	-	-	-	Ο	-	-	-	-	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-
A/B	0	0	-	0	0	Ο	0	-	-	Ο	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-
HPCM	0	0	-	0	0	Ο	0	Ο	-	0	-	-	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	0	-	0	0	Ο	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	0	-	-	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	0	-	-	-	-	-	-	-	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	Ο	-	-	-	-	0	-	-	0	-
BECM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	Ο	-	-	-	-	0	Ο	-	-	0
DMCM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	$\bigcirc$	0	-	-
																												LAN	0177

### • When MAIN-CAN 2-3-3 is open

	(A)	(B)														(	C)												
											MA	IN-C	AN									Р	U-CA	٩N		HE	EV-C/	٩N	
			1			1	2		3		0						2	2				1	I	1		1		1	1
			1	1	2	3	4	5	1					2			3		4	5	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			0	0	0	0	Ο	Ο	0	0	0	0	0	0	0	-	-		0	0	0	-	-	-	0	0	0	Ο	$\bigcirc$
VDC	0	0	0	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	0	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	0	-	Ο	$\bigcirc$	-	-	-	-	Ο	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	0	-	Ο	$\bigcirc$	-	-	-	-	Ο	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	0	-	Ο	$\bigcirc$	-	-	-	-	Ο	-	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCM	0	$\times$	-	Ο	Ο	0	-	-	-	Ο	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
A/B	0	0	-	Ο	$\bigcirc$	0	Ο	-	-	Ο	-	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-
HPCM	0	0	-	Ο	$\bigcirc$	0	$\bigcirc$	0	-	Ο	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	0	-	Ο	0	0	0	0	Ο	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	0	-	-	-	-	-	-	-	Ο	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	0	-	-	-	-	-	-	-	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	-	-	Ο	-
BECM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	-	-	0
DMCM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	0	-	-
																												LAN	0178

• When MAIN-CAN 2-4 is open

	(A)	(B)														(	C)												
											MA	IN-C	AN									Р	U-CA	٨N		HE	V-C/	٩N	
			1			2	2		3		0						2	2				1	l	1		1		1	1
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			Ο	Ο	$\bigcirc$	Ο				Ο	Ο	$\bigcirc$	Ο	$\bigcirc$	$\bigcirc$	-	-	Ο				-	-	-					
VDC	0	0	0	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	Ο	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	MFD       O       -															-	-												
A/C	A/C       O															-	-												
MET	A/C       0       -       0       -       -       0       -															-	-												
RST	MET       O															-	-												
STR	0	-	-	-	-	-	-	-	-	-	-	-	I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ТСМ	0	0	-	Ο	$\bigcirc$	0	-	-	-	Ο	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-
A/B	0	$\times$	-	0	Ο	0		-	-	0	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
HPCM	0	$\times$	-	0	Ο	0			-	Ο	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	$\times$	-	0	Ο	Ο				Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	0	-	-	-	-	-	-	-	Ο	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	Ó	-	-	-	-	-	-	-	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	$\times$	-	$\bigcirc$	$\bigcirc$	$\bigcirc$			-	$\bigcirc$	-	-	-	-	-	-	-	-	-		-	-	-	-		-	-		-
BECM	0	$\times$	-	$\bigcirc$	$\bigcirc$	$\bigcirc$			-	$\bigcirc$	-	-	-	-	-	-	-	-	-		-	-	-	-			-	-	
DMCM	0	$\times$	-	0	$\bigcirc$	Ο			-	0	-	-	-	-	-	-	-	-	-		-	-	-	-				-	-
																													0178

#### • When MAIN-CAN 2-4-1 is open

																(	C)												
											MA	IN-C	AN									P	U-CA	٨N		HE	EV-C	٩N	
			1			2	2		3		0						2					1	I	1		1		1	1
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			0	0	$\bigcirc$	Ο	0	$\bigcirc$	0	$\bigcirc$	Ο	$\bigcirc$	Ο	Ο	Ο	-	-	Ο		0	0	-	-	-	0	$\bigcirc$	$\bigcirc$	Ο	0
VDC (	0	0	0	-	-	-	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	$\bigcirc$	-	-	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	0	-	Ο	$\bigcirc$	-	-	-	-	$\bigcirc$	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C (	0	0	-	0	$\bigcirc$	-	-	-	-	$\bigcirc$	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET (	0	0	-	0	$\bigcirc$	-	-	-	-	0	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST (	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR (	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ТСМ	0	0	-	0	Ο	Ο	-	-	-	0	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-
A/B (	0	$\times$	-	Ο	$\bigcirc$	Ο	Ο	-	-	$\bigcirc$	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
НРСМ (	0	0	-	Ο	Ο	Ο	Ο	Ο	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-
EPS (	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM (	0	0	-	Ο	Ο	Ο	Ο	Ο	Ο	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS (	0	0	-	-	-	-	-	-	-	Ο	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL (	0	0	-	-	-	-	-	-	-	Ο	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP (	0	0	-	0	$\bigcirc$	0	$\bigcirc$	$\bigcirc$	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	-	-	0	-
BECM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	-	-	0
DMCM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	0	-	-

LAN01782

### • When MAIN-CAN 2-5 is open

Image: black		(A)	(B)														(	C)												
1         ·												MA	IN-C	AN									Р	U-CA	N		HE	V-C/	٩N	
1         1         2         3         4         5         1         2         3         1         2         3         1         2         3         1         2         3         1         2         3         1         2         3         1         2         3         1         2         3         1         2         3         1         1         2         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         2         3         1         2         3         1         2         3         1         2         3         1         2         3         1         2         3         1				1			2	2		3		0						2	2				1		1		1		1	
-         -         -         -         -         -         -         -         0         1         2         1         2         3         1         2         3         1         1         2         -         1         1         1         -         1				1	1	2	3	4	5	1					2			3		4	5	5	1	2	1	1	2	3	1	2
MOC       M				-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
VDC       O <tho< th=""> <tho< th=""> <tho< th=""></tho<></tho<></tho<>				0	0	$\bigcirc$	0	$\bigcirc$			0	Ο	0	0	$\bigcirc$	0	-	-	0	$\bigcirc$			-	-	-					
BIU       O	VDC	0	0	0	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD       O       I       O       I       I       O       I       O       I       I       I       O       I <thi< th=""> <thi< th=""> <thi< th=""></thi<></thi<></thi<>	BIU	3IU       0       -															-	-												
A/C       O       -       O       -       -       O       -       -       O       -       -       -       O       -       0       -       -       0       -	MFD	Image: Second															-	-												
MET       \(\berlay \)       \(\berlay \)      \(\berlay \)      \(\berlay	A/C	<i>I</i> FD       O       - <td>-</td> <td>-</td>															-	-												
RST       O   -	MET	c       0															-	-												
STR       O <th< td=""><td>RST</td><td>0</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></th<>	RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCM       O	STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/B       0	ТСМ	0	0	-	Ο	Ο	Ο	-	-	-	Ο	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-
HPCM       \(\begin \)       \(\beta \)       \(\beln \) <td< td=""><td>A/B</td><td>0</td><td>0</td><td>-</td><td>0</td><td><math>\bigcirc</math></td><td>Ο</td><td><math>\bigcirc</math></td><td>-</td><td>-</td><td>Ο</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>Ο</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></td<>	A/B	0	0	-	0	$\bigcirc$	Ο	$\bigcirc$	-	-	Ο	-	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-
EPS       0 <td< td=""><td>HPCM</td><td>0</td><td><math>\times</math></td><td>-</td><td>0</td><td><math>\bigcirc</math></td><td>Ο</td><td><math>\bigcirc</math></td><td></td><td>-</td><td>Ο</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></td<>	HPCM	0	$\times$	-	0	$\bigcirc$	Ο	$\bigcirc$		-	Ο	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
ECM       \(\beer\)	EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS       0       0       1       1       1       1       1       0       0       1	ECM	0	$\times$	-	0	Ο	Ο	0			Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL       0       0       1       1       1       1       0       0       1       0       1	KPS	0	0	-	-	-	-	-	-	-	Ο	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP       O       X       I       O       O       I	AHL	0	0	-	-	-	-	-	-	-	Ο	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BECM       O       ×       -       O       O       -	EOP	0	$\times$	-	0	$\bigcirc$	0	0		-	0	-	-	-	-	-	-	-	-	-		-	-	-	-		-	-		-
DMCM O X - O O O O - O	BECM	0	$\times$	-	0	$\bigcirc$	Ο	Ο		-	0	-	-	-	-	-	-	-	-	-		-	-	-	-			-	-	$\square$
	DMCM	0	$\times$	-	0	$\bigcirc$	Ο	$\bigcirc$		-	0	-	-	-	-	-	-	-	-	-		-	-	-	-				-	-

### • When MAIN-CAN 2-5-1 is open

Image: black         Image: black <th< th=""><th></th><th>(A)</th><th>(B)</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>(</th><th>C)</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>		(A)	(B)														(	C)												
1         ·····         3         0         ······         ······         ······         ······         ······         ······         ······         ······         ·······         ·······         ·······         ·······         ·······         ·······         ·······         ·······         ·················         ····································												MA	IN-C	AN									Р	U-CA	٩N		HE	EV-C	AN	
1         1         2         3         4         5         1         2         3         1         2         3         1         2         3         1         2         3         1         2         1         2         3         1         2         1         2         3         1         1         2         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1         1         2         3         1				1			1	2		3		0						2	2				1	I	1		1		-	1
-         -         -         -         -         -         -         0         1         2         1         2         3         1         1         2         -         1         1         1         2         -         1         1         1         1         2         0         1         1         1         1         2         0         1         1         1         1         2         0         1				1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
1       0				-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
VDC       O				Ο	$\bigcirc$	Ο	$\bigcirc$	$\bigcirc$	Ο	$\bigcirc$	Ο	$\bigcirc$	$\bigcirc$	$\bigcirc$	Ο	$\bigcirc$	-	-	$\bigcirc$	$\bigcirc$		$\bigcirc$	-	-	-					
BIU       0	VDC	0	0	$\bigcirc$	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD       0       1       0       1       1       0       1       0       1	BIU	0	0	-	Ο	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C       0       -       0       0       -       -       0       0       -       -       0       0       -       0       0       -       0       0       -       0       0       -       0       0       -       0	MFD	0	0	-	Ο	0	-	-	-	-	0	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET       0	A/C	0	0	-	Ο	Ο	-	-	-	-	Ο	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST       0       -	MET	0	0	-	0	Ο	-	-	-	-	Ο	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR       O <th< td=""><td>RST</td><td>0</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></th<>	RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCM       O       O       I       I       O       I       I       O       I	STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/B       O	ТСМ	0	0	-	Ο	0	0	-	-	-	Ο	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-
HPCM       O       X       I       O       O       O       O       I       O       I	A/B	0	0	-	Ο	Ο	0	0	-	-	Ο	-	-	-	-	-	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-
EPS       0 <td< td=""><td>HPCM</td><td>0</td><td><math>\times</math></td><td>-</td><td>Ο</td><td>Ο</td><td>0</td><td><math>\bigcirc</math></td><td>Ο</td><td>-</td><td>Ο</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></td<>	HPCM	0	$\times$	-	Ο	Ο	0	$\bigcirc$	Ο	-	Ο	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
ECM       0	EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS       0       0       -       -       -       -       -       0       0       -	ECM	0	0	-	Ο	Ο	$\bigcirc$	$\bigcirc$	Ο	Ο	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL       0       0       1       1       1       0       0       1       0       1	KPS	0	0	-	-	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP       O       X       I       O       O       I       O       I	AHL	0	0	-	-	-	-	-	-	-	Ó	-	Ó	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BECM       0       ×       -       0       0       -	EOP	0	$\times$	-	0	0	0	$\bigcirc$	0	-	0	-	-	-	-	-	-	-	-	-		-	-	-	-		-	-		-
	BECM	0	$\times$	-	0	0	Ο	$\bigcirc$	0	-	0	-	-	-	-	-	-	-	-	-		-	-	-	-			-	-	
	DMCM	0	$\times$	-	0	0	Ο	$\bigcirc$	0	-	0	-	-	-	-	-	-	-	-	-		-	-	-	-				-	-

### • When MAIN-CAN 3-1 is open

	(A)	(B)														(	C)												
											MA	IN-C	AN									Р	U-CA	٨N		HE	V-C/	٩N	
			1			2	2		3		0						2	2				1	l	1		1		1	1
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			0	$\bigcirc$	Ο	$\bigcirc$	Ο	$\bigcirc$		Ο	$\bigcirc$	$\bigcirc$	$\bigcirc$	Ο	0	-	-	0	$\bigcirc$	$\bigcirc$	$\bigcirc$	-	-	-	Ο	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
VDC	0	0	Ο	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	Ο	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	0	-	0	Ο	-	-	-	-	Ο	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	0	-	0	0	-	-	-	-	0	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	0	-	0	0	-	-	-	-	0	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCM	0	0	-	0	0	Ο	-	-	-	0	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-
A/B	0	0	-	0	0	Ο	0	-	-	0	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-
HPCM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	$\times$	-	0	0	0	0	0		0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	0	-	-	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	0	-	-	-	-	-	-	-	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	-	-	$\bigcirc$	-
BECM	0	0	-	0	0	$\bigcirc$	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	-	-	$\bigcirc$
DMCM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	$\bigcirc$	0	-	-
																												ΙΔΝί	0178

#### • When HEV-CAN 1-1 is open

	(A)	(B)														(	C)												
											MA	IN-C	AN									Р	U-CA	٨N		HE	EV-C	AN	
			1			:	2		3		0						2	2				1	1	1		1		-	1
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			$\bigcirc$	$\bigcirc$	0	0	0	0	0	0	0	0	$\bigcirc$	0	Ο	-	-	0	0	0	$\bigcirc$	-	-	-					
VDC	0	0	Ο	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	Ο	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	0	-	$\bigcirc$	Ο	-	-	-	-	Ο	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	0	-	0	Ο	-	-	-	-	0	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	0	-	0	Ο	-	-	-	-	Ο	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCM	0	0	-	Ο	0	Ο	-	-	-	0	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-
A/B	0	0	-	0	0	0	0	-	-	0	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-
HPCM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	0	-	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	0	-	-	-	-	-	-	-	0	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	0	-	-	-	-	-	-	-	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	$\times$	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-		-	-		-
BECM	0	$\times$	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-			-	-	
DMCM	0	$\times$	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-				-	-

LAN01786

### • When HEV-CAN 1-1-1 is open

	(A)	(B)														(	C)												
											MA	IN-C	AN									P	U-CA	٨N		HE	EV-C/	٩N	
			1				2		3		0						2	2				1	l	1		1		1	
			1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			Ο	Ο	$\bigcirc$	Ο	$\bigcirc$	$\bigcirc$	Ο	Ο	Ο	Ο	$\bigcirc$	$\bigcirc$	$\bigcirc$	-	-	Ο	Ο	$\bigcirc$	$\bigcirc$	-	-	-	Ο	$\bigcirc$	$\bigcirc$		$\bigcirc$
VDC	0	0	0	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	Ο	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	0	-	Ο	Ο	-	-	-	-	Ο	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	0	-	Ο	Ο	-	-	-	-	Ο	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	0	-	Ο	$\bigcirc$	-	-	-	-	Ο	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCM	0	0	-	0	Ο	Ο	-	-	-	0	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-
A/B	0	0	-	0	Ο	0	Ο	-	-	0	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-
HPCM	0	0	-	0	$\bigcirc$	$\bigcirc$	$\bigcirc$	Ο	-	Ο	-	-	-	-	-	-	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	0	-	0	$\bigcirc$	0	$\bigcirc$	Ο	0	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	0	-	-	-	-	-	-	-	Ο	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	0	-	-	-	-	-	-	-	Ο	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	$\times$	-	0	Ο	Ο	Ο	Ο	-	0	-	-	-	-	-	-	-	-	-	Ο	-	-	-	-	0	-	-		-
BECM	0	0	-	0	$\bigcirc$	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	-	-	$\bigcirc$
DMCM	0	0	-	0	$\bigcirc$	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	0	-	-
																													0178

### • When HEV-CAN 1-2 is open

VDC         O		(A)	(B)														(	C)												
1         Image: Im												MA	IN-C	AN									P	U-CA	٨N		HE	V-C	٩N	
I         I				1			1	2		3		0						2	2				1		1		1		1	
-         -         -         -         -         -         -         0         1         2         1         2         3         1         2         3         1         1         2         -         -         1         -         -         1         -         -         1         1         2         3         1         2         3         1         1         2         -         1         1         2         1         1         2         3         1         1         2         1         1         2         3         1         1         2         1         1         2         1         1         2         3         1         1         2         1         1         2         3         1         1         2         1         1         2         3         1         1         2         1				1	1	2	3	4	5	1					2			3		4	Ę	5	1	2	1	1	2	3	1	2
0       0				-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
VDC       O       O       I				Ο	Ο	Ο	0	$\bigcirc$	Ο	Ο	Ο	0	Ο	$\bigcirc$	$\bigcirc$	$\bigcirc$	-	-	0	$\bigcirc$	0	$\bigcirc$	-	-	-	0			$\bigcirc$	
BIU       0       0       1       0       1       0       1       0       1	VDC	0	0	$\bigcirc$	-	-	-	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD       O       O       I       O       I       I       O       I	BIU	0	0	-	Ο	-	-	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C       O       -       O       -       -       -       O       -	MFD	0	0	-	0	$\bigcirc$	-	-	-	-	0	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET       0       -       0       -       -       -       0       -       -       0       -	A/C	0	0	-	Ο	Ο	-	-	-	-	0	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST       O       -	MET	0	0	-	0	0	-	-	-	-	0	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR       O       -	RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCM       O	STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/B       0	ТСМ	0	0	-	0	0	0	-	-	-	0	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-
HPCM       O	A/B	0	0	-	0	0	Ο	0	-	-	0	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-
EPS       O       -	HPCM	0	0	-	0	0	0	Ο	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-
ECM       O       O       O       O       O       O       O       O       I	EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS       O       O       -	ECM	0	0	-	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL       O       O       -       -       -       O       -       O       -	KPS	0	0	-	-	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	AHL	0	0	-	-	-	-	-	-	-	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EOP	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	-	-	0	-
	BECM	0	$\times$	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0		-	-	
	DMCM	0	$\times$	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0			-	-

LAN01788

### • When HEV-CAN 1-2-1 is open

	(A)	(B)														(	C)												
											MA	IN-C	AN									Р	J-CA	٨N		HE	V-C/	٩N	
			1			2	2		3		0						2	2				1		1		1		1	1
			1	1	2	3	4	5	1					2			3		4	5	5	1	2	1	1	2	3	1	2
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			Ο	Ο	$\bigcirc$	0	0	0	0	0	0	$\bigcirc$	0	0	0	-	-	Ο	0	0	Ο	-	-	-	0	$\bigcirc$	0	Ο	
VDC	0	0	Ο	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	Ο	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	0	-	Ο	$\bigcirc$	-	-	-	-	Ο	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	0	-	Ο	Ο	-	-	-	-	Ο	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	0	-	Ο	0	-	-	-	-	Ο	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ТСМ	0	0	-	Ο	Ο	Ο	-	-	-	Ο	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-
A/B	0	0	-	0	$\bigcirc$	Ο	$\bigcirc$	-	-	Ο	-	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-
HPCM	0	0	-	0	Ο	Ο	$\bigcirc$	$\bigcirc$	-	Ο	-	-	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	0	-	0	Ο	Ο	$\bigcirc$	$\bigcirc$	Ο	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	0	-	-	-	-	-	-	-	Ο	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	0	-	-	-	-	-	-	-	0	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	0	-	0	$\bigcirc$	0	$\bigcirc$	$\bigcirc$	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	-	-	0	-
BECM	0	$\times$	-	0	$\bigcirc$	Ο	$\bigcirc$	$\bigcirc$	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	$\bigcirc$	-	-	
DMCM	0	0	-	0	$\bigcirc$	Ο	$\bigcirc$	$\bigcirc$	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	$\bigcirc$	0	-	-
																													0178

### • When HEV-CAN 1-3 is open

	(A)	(B)														(	C)												
			MAIN-CAN															Р	U-CA	٨N	HEV-CAN								
			1 2						3		0		2										1 1		1			1	
				1	2	3	4	5	1			2			3		4	4 5		1	2	1	1	2	3	1	2		
			-	-	-	-	-	-	-	0	1	2	1	2	3	1	2	3	1	1	2	-	-	1	-	-	-	1	1
			0	Ο	0	0	$\bigcirc$	0	0	$\bigcirc$	0	0	0	Ο	Ο	-	-	0	0	0	$\bigcirc$	-	-	-	0	$\bigcirc$		Ο	0
VDC	0	0	$\bigcirc$	-	-	-	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIU	0	0	-	Ο	-	-	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MFD	0	0	-	Ο	Ο	-	-	-	-	0	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/C	0	0	-	Ο	0	-	-	-	-	$\bigcirc$	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MET	0	0	-	0	Ο	-	-	-	-	0	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RST	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STR	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ТСМ	0	0	-	0	0	Ο	-	-	-	$\bigcirc$	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-
A/B	0	0	-	0	0	Ο	$\bigcirc$	-	-	$\bigcirc$	-	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-	-
HPCM	0	0	-	0	0	Ο	Ο	Ο	-	$\bigcirc$	-	-	-	-	-	-	-	-	-	Ο	-	-	-	-	-	-	-	-	-
EPS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECM	0	0	-	0	0	Ο	Ο	Ο	Ο	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KPS	0	0	-	-	-	-	-	-	-	Ο	Ο	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHL	0	0	-	-	-	-	-	-	-	0	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	-	-	0	-
BECM	0	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0	-	-	0
DMCM	0	$\times$	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-	-	-	0	-	-	-	-	0	0		-	-
																													0170