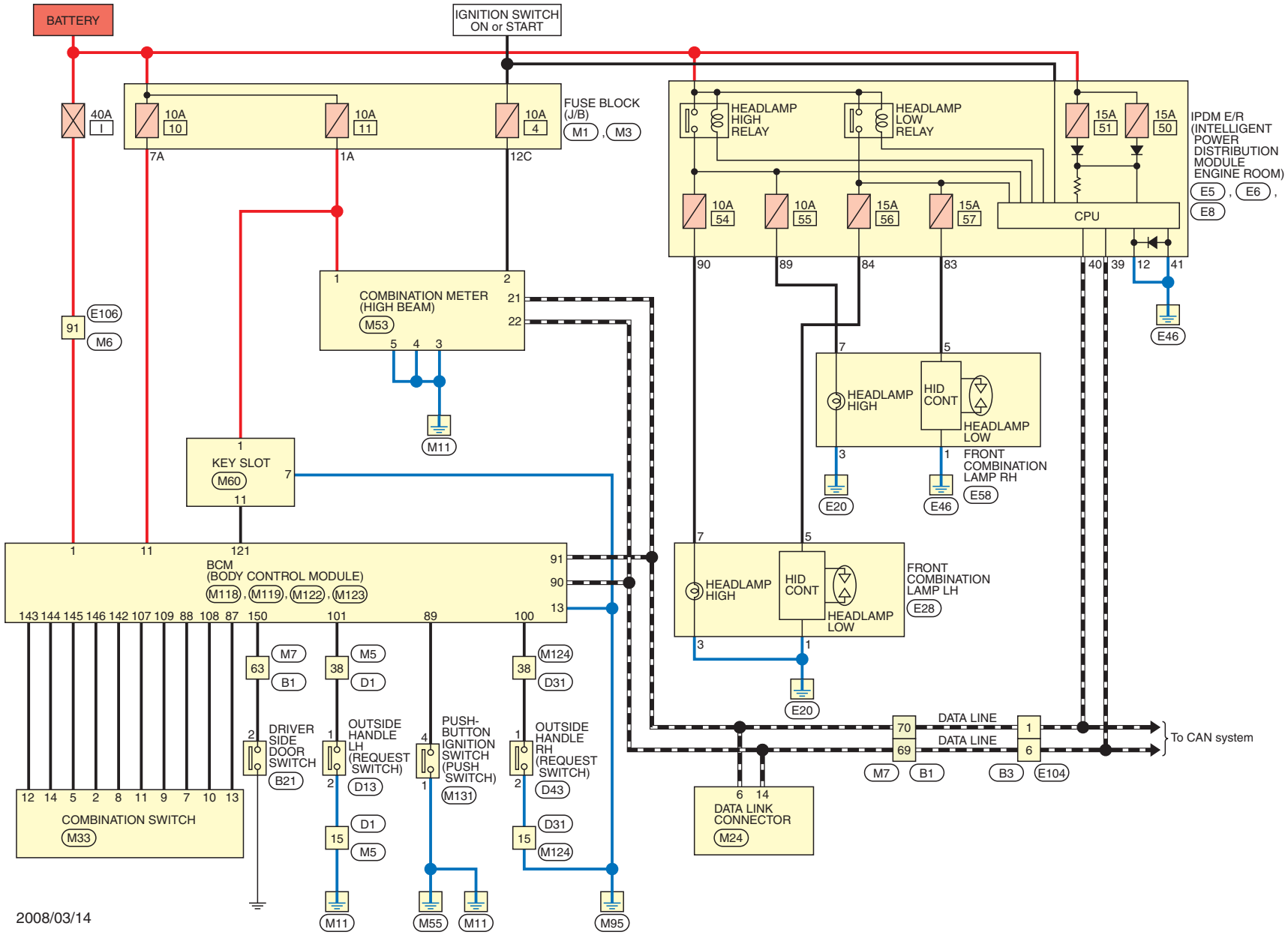
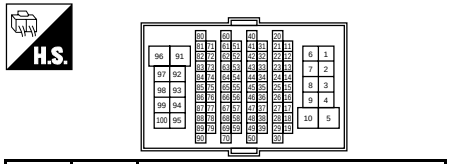
HEADLAMP


BATTERY
IGNITION SWITCH ON or START
40A I
10A 10
10A 11
10A 4
FUSE BLOCK (J/B)
M1 , M3
7A
1A
12C
HEADLAMP HIGH RELAY
HEADLAMP LOW RELAY
15A 51
15A 50
IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
E5 , E6 , E8
10A 54
10A 55
15A 56
15A 57
CPU
90
89
84
83
40
39
12
41
E46
COMBINATION METER (HIGH BEAM)
M53
21
22
5 4 3
M11
91
E106
M6
KEY SLOT
M60
HEADLAMP HIGH
HID CONT
HEADLAMP LOW
FRONT COMBINATION LAMP RH
E58
E20
E46
BCM (BODY CONTROL MODULE)
M118 , M119 , M122 , M123
91
90
13
143 144 145 146 142 107 109 88 108 87 150 101 89 100
FRONT COMBINATION LAMP LH
E28
63 M7 B1
38 M5 D1
38 M124 D31
DRIVER SIDE DOOR SWITCH
B21
OUTSIDE HANDLE LH (REQUEST SWITCH)
D13
PUSH-BUTTON IGNITION SWITCH (PUSH SWITCH)
M131
OUTSIDE HANDLE RH (REQUEST SWITCH)
D43
15 D1 M5
15 D31 M124
M11
M55
M11
M95
COMBINATION SWITCH
M33
DATA LINE
DATA LINE
70
69
M7 B1
1
6
B3 E104
To CAN system
DATA LINK CONNECTOR
M24
2008/03/14

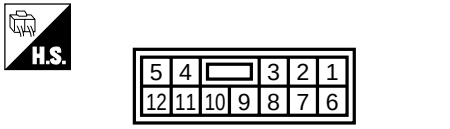
HEADLAMP

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



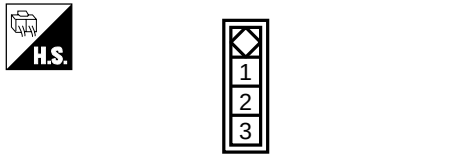
Terminal No.	Color of Wire	Signal Name [Specification]
63	LG	–
69	P	–
70	L	–

Connector No.	B3
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS



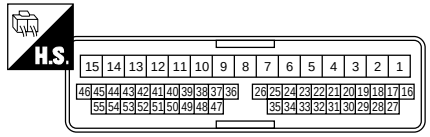
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	–
6	P	–

Connector No.	B21
Connector Name	DRIVER SIDE DOOR SWITCH
Connector Type	A03FW



Terminal No.	Color of Wire	Signal Name [Specification]
2	LG	–

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15

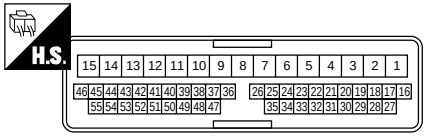


Terminal No.	Color of Wire	Signal Name [Specification]
15	B	–
38	W	–

Connector No.	D13
Connector Name	OUTSIDE HANDLE LH (REQUEST SWITCH)
Connector Type	RK02MGY

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	–
2	B	–

Connector No.	D31
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15

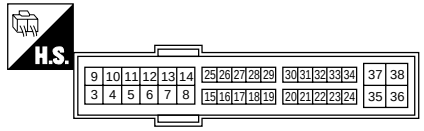


Terminal No.	Color of Wire	Signal Name [Specification]
15	B	–
38	W	–

Connector No.	D43
Connector Name	OUTSIDE HANDLE RH (REQUEST SWITCH)
Connector Type	RK02MGY

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	–
2	B	–

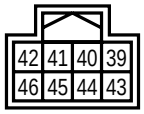
Connector No.	E5
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS12-M4-1V



Terminal No.	Color of Wire	Signal Name [Specification]
12	B/W	–

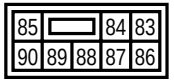
HEADLAMP

Connector No.	E6
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH08FW-NH



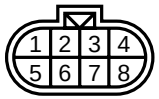
Terminal No.	Color of Wire	Signal Name [Specification]
39	P	–
40	L	–
41	B/Y	–

Connector No.	E8
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	NS08FW-CS



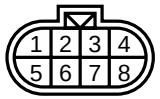
Terminal No.	Color of Wire	Signal Name [Specification]
83	R	–
84	P	–
89	BR	–
90	O	–

Connector No.	E28
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	RS08FB-PR



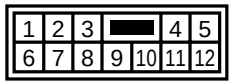
Terminal No.	Color of Wire	Signal Name [Specification]
1	B/W	–
3	B/L	–
5	P	–
7	O	–

Connector No.	E58
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RS08FB-PR



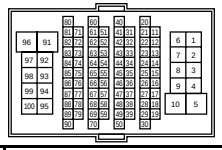
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	–
3	B/Y	– [For U.S.A.]
5	R	–
7	BR	–

Connector No.	E104
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS



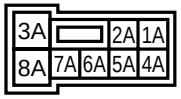
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	–
6	P	–

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



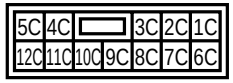
Terminal No.	Color of Wire	Signal Name [Specification]
91	GR	–

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS06FW-M2



Terminal No.	Color of Wire	Signal Name [Specification]
1A	V	–
7A	R	–

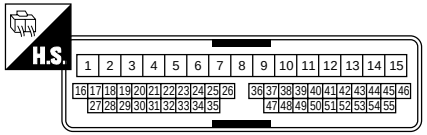
Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
12C	W	–

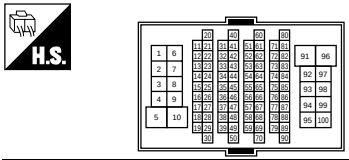
HEADLAMP

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



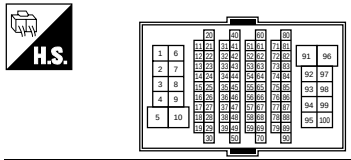
Terminal No.	Color of Wire	Signal Name [Specification]
15	B	–
38	V	–

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



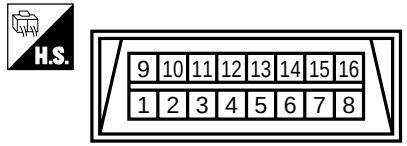
Terminal No.	Color of Wire	Signal Name [Specification]
91	GR	–

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



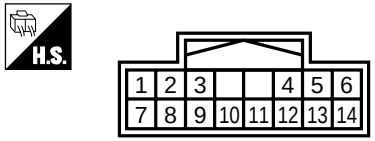
Terminal No.	Color of Wire	Signal Name [Specification]
63	GR	–
69	P	–
70	L	–

Connector No.	M24
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW



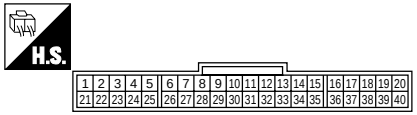
Terminal No.	Color of Wire	Signal Name [Specification]
6	L	–
14	P	–

Connector No.	M33
Connector Name	COMBINATION SWITCH
Connector Type	TH16FW-NH



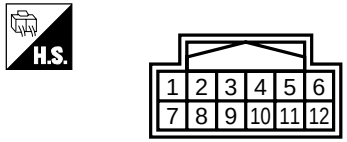
Terminal No.	Color of Wire	Signal Name [Specification]
2	SB	OUTPUT 4
5	L	OUTPUT 3
7	V	INPUT 3
8	O	OUTPUT 5
9	Y	INPUT 2
10	R	INPUT 4
11	LG	INPUT 1
12	P	OUTPUT 1
13	BR	INPUT 5
14	G	OUTPUT 2

Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	SAB40FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BATTERY POWER SUPPLY
2	W	IGNITION POWER SUPPLY
3	B	GROUND
4	B	ILL GND
5	B	GROUND
21	L	CAN-H
22	P	CAN-L

Connector No.	M60
Connector Name	KEY SLOT
Connector Type	TH12FW-NH



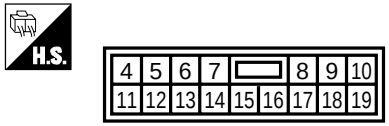
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	BAT
7	B	GND
11	R	KEY SWITCH SIGNAL

Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	M03FB-LC

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	BAT (F/L)

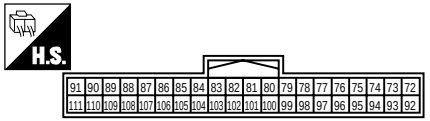
HEADLAMP

Connector No.	M119
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS16FW-CS



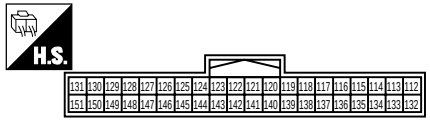
Terminal No.	Color of Wire	Signal Name [Specification]
11	R	BAT (FUSE)
13	B	GND

Connector No.	M122
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH



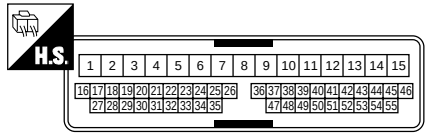
Terminal No.	Color of Wire	Signal Name [Specification]
87	BR	COMBI SW INPUT 5
88	V	COMBI SW INPUT 3
89	BR	PUSH SW
90	P	CAN-L
91	L	CAN-H
100	W	PASSENGER DOOR REQUEST SW
101	V	DRIVER DOOR REQUEST SW
107	LG	COMBI SW INPUT 1
108	R	COMBI SW INPUT 4
109	Y	COMBI SW INPUT 2

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-NH



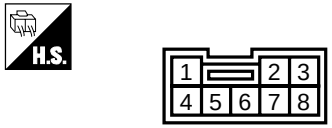
Terminal No.	Color of Wire	Signal Name [Specification]
121	R	KEY SLOT SW
142	O	COMBI SW OUTPUT 5
143	P	COMBI SW OUTPUT 1
144	G	COMBI SW OUTPUT 2
145	L	COMBI SW OUTPUT 3
146	SB	COMBI SW OUTPUT 4
150	GR	DRIVER DOOR SW

Connector No.	M124
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
15	B	–
38	W	–

Connector No.	M131
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	TK08FBR



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	–
4	BR	–