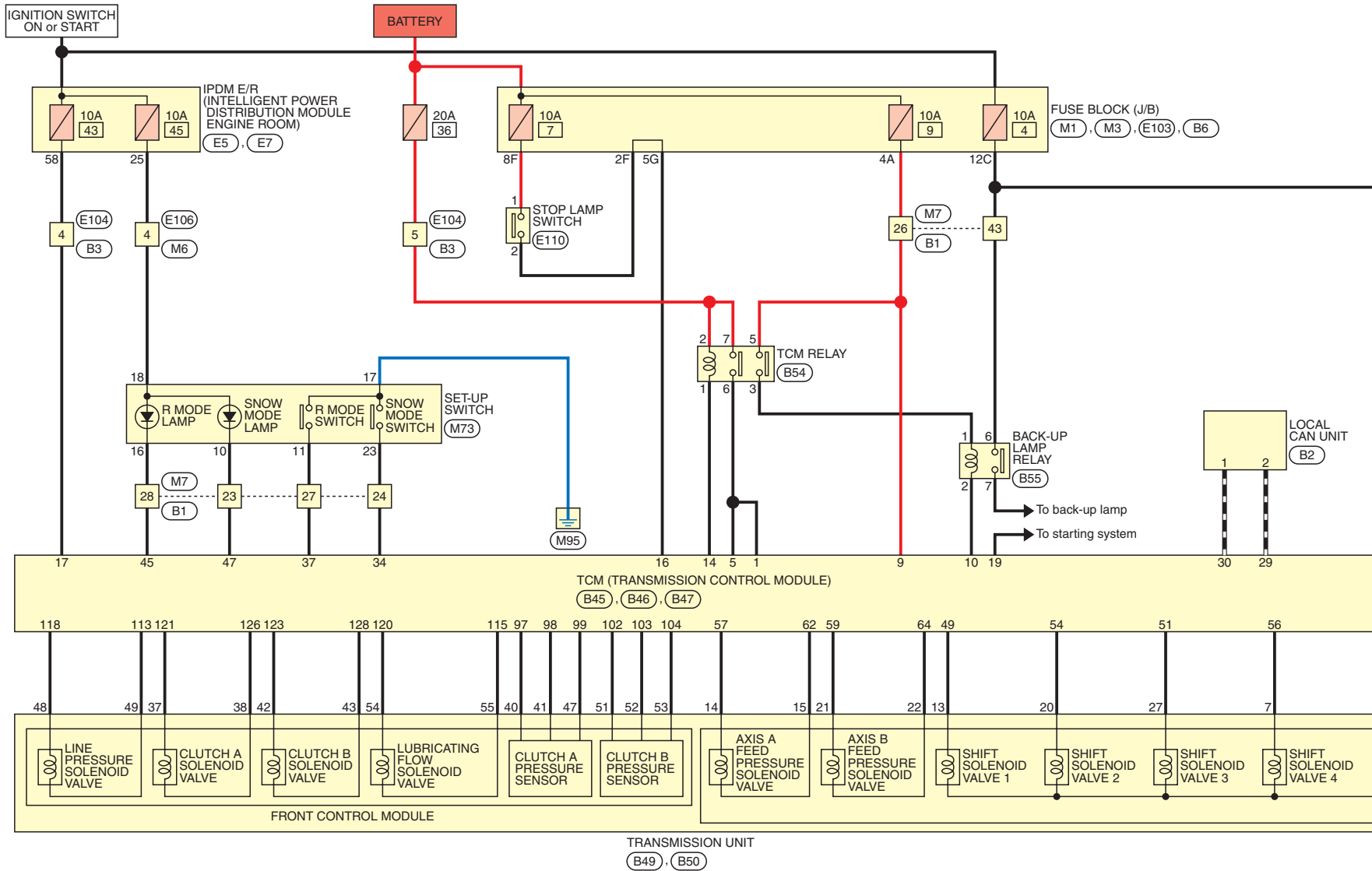
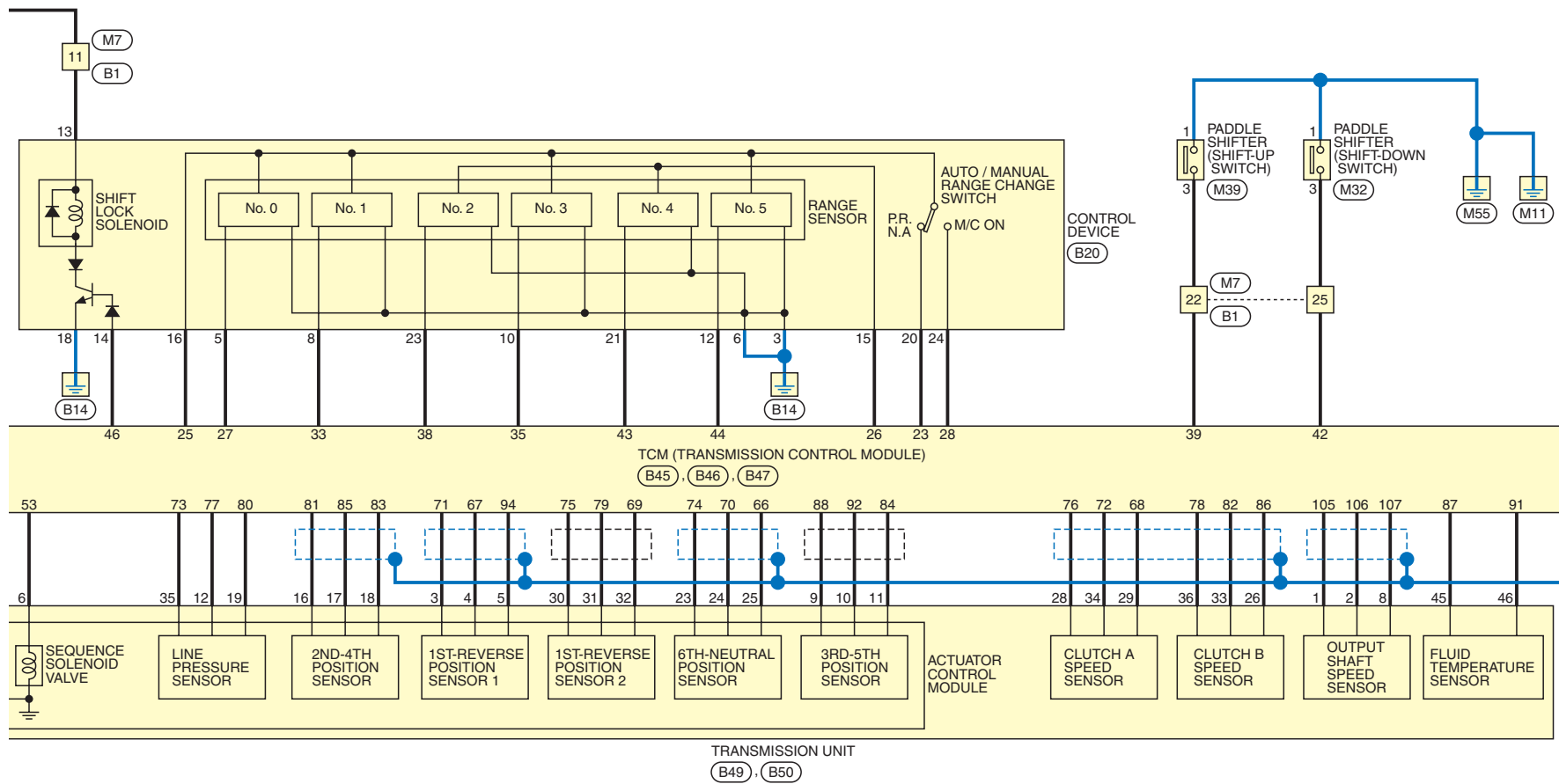
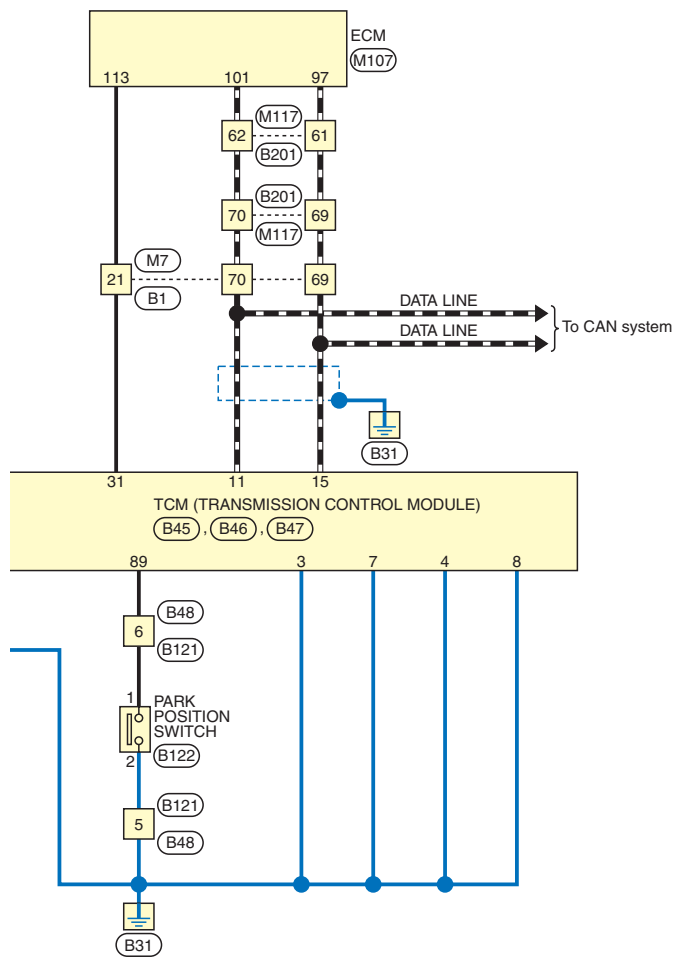


TRANSMISSION CONTROL SYSTEM

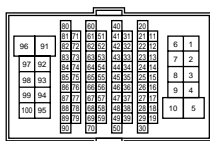






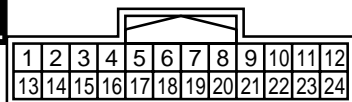
TRANSMISSION CONTROL SYSTEM

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



Terminal No.	Color of Wire	Signal Name [Specification]
11	Y	-
21	SB	-
22	W	-
23	G	-
24	O	-
25	L	-
26	P	-
27	GR	-
28	O	-
43	P	-
69	P	-
70	L	-

Connector No.	B20
Connector Name	CONTROL DEVICE
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
3	B	GND
5	G	RANGE SENSOR No.0 SIGNAL
6	B	GND
8	V	RANGE SENSOR No.1 SIGNAL
10	G	RANGE SENSOR No.3 SIGNAL
12	GR	RANGE SENSOR No.5 SIGNAL
13	Y	VIGN
14	W	SHIFT LOCK SOLENOID CONTROL SIGNAL
15	LG	RANGE SENSOR POWER SOURCE 2
16	L	RANGE SENSOR POWER SOURCE 1
18	B	GND

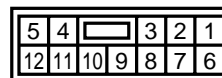
Connector No.	B2
Connector Name	LOCAL CAN UNIT
Connector Type	TK02FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	O	-

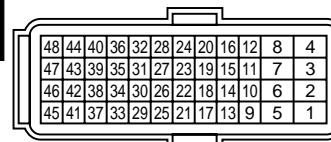
20	BR	AUTO/MANUAL RANGE CHANGE SWITCH 1 SIGNAL
21	P	RANGE SENSOR No.4 SIGNAL
23	R	RANGE SENSOR No.2 SIGNAL
24	V	AUTO/MANUAL RANGE CHANGE SWITCH 2 SIGNAL

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



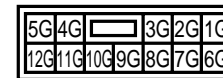
Terminal No.	Color of Wire	Signal Name [Specification]
4	Y	-
5	R	-

Connector No.	B45
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	RH40FB-RZ8-L-LH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	BATT-2
3	B	GND
4	B	GND
5	W	BATT-3
7	B	GND
8	B	GND
9	P	BATT-1
10	LG	BACK-UP LAMP SIGNAL
11	L	CAN-H
14	V	POWER OFF
15	P	CAN-L

Connector No.	B6
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FBR-CS

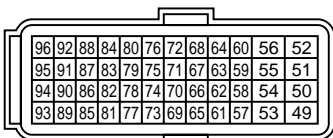


Terminal No.	Color of Wire	Signal Name [Specification]
5G	W	-

16	W	STOP LAMP SWITCH SIGNAL
17	Y	IGNITION SWITCH SIGNAL
19	GR	STARTER RELAY SIGNAL
23	BR	AUTO/MANUAL RANGE CHANGE SWITCH 1 SIGNAL
25	L	RANGE SENSOR POWER SOURCE 1
26	LG	RANGE SENSOR POWER SOURCE 2
27	G	RANGE SENSOR No.0 SIGNAL
28	V	AUTO/MANUAL RANGE CHANGE SWITCH 2 SIGNAL
29	O	-
30	P	-
31	SB	ENGINE SPEED SIGNAL
33	V	RANGE SENSOR No.1 SIGNAL
34	O	SNOW MODE SWITCH SIGNAL
35	G	RANGE SENSOR No.3 SIGNAL
37	GR	R MODE SWITCH SIGNAL
38	R	RANGE SENSOR No.2 SIGNAL
39	W	PADDLE SHIFTER (SHIFT-UP SWITCH) SIGNAL
42	L	PADDLE SHIFTER (SHIFT-DOWN SWITCH) SIGNAL
43	P	RANGE SENSOR No.4 SIGNAL
44	GR	RANGE SENSOR No.5 SIGNAL
45	O	R MODE LAMP SIGNAL
46	W	SHIFT LOCK SOLENOID CONTROL SIGNAL
47	G	SNOW MODE LAMP SIGNAL

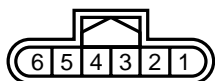
TRANSMISSION CONTROL SYSTEM

Connector No.	B46
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	RH40FBR-RZ8-L-LH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
49	L	SHIFT SOLENOID VALVE 1 (+)
51	P	SHIFT SOLENOID VALVE 3 (+)
53	GR	SEQUENCE SOLENOID VALVE (+)
54	W	SHIFT SOLENOID VALVE 2 (+)
56	LG	SHIFT SOLENOID VALVE 4 (+)
57	BR	AXIS A FEED PRESSURE SOLENOID VALVE (+)
59	G	AXIS B FEED PRESSURE SOLENOID VALVE (+)
62	R	AXIS A FEED PRESSURE SOLENOID VALVE (-)
64	O	AXIS B FEED PRESSURE SOLENOID VALVE (-)
66	R	6TH-NEUTRAL POSITION SENSOR (-)
67	L	1ST-REVERSE POSITION SENSOR 1 SIGNAL

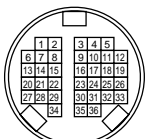
Connector No.	B48
Connector Name	WIRE TO WIRE
Connector Type	RH06FB



Terminal No.	Color of Wire	Signal Name [Specification]
5	B	-
6	O	-

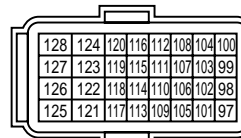
68	BR	CLUTCH A SPEED SENSOR (-)
69	Y	1ST-REVERSE POSITION SENSOR 2 (-)
70	W	6TH-NEUTRAL POSITION SENSOR SIGNAL
71	Y	1ST-REVERSE POSITION SENSOR 1 (+)
72	G	CLUTCH A SPEED SENSOR SIGNAL
73	Y	LINE PRESSURE SENSOR (+)
74	BR	6TH-NEUTRAL POSITION SENSOR (+)
75	L	1ST-REVERSE POSITION SENSOR 2 (+)
76	Y	CLUTCH A SPEED SENSOR (+)
77	GR	LINE PRESSURE SENSOR SIGNAL
78	R	CLUTCH B SPEED SENSOR (+)
79	G	1ST-REVERSE POSITION SENSOR 2 SIGNAL
80	BR	LINE PRESSURE SENSOR (-)
81	G	2ND-4TH POSITION SENSOR (+)
82	W	CLUTCH B SPEED SENSOR SIGNAL
83	L	2ND-4TH POSITION SENSOR (-)
84	BR	3RD-5TH POSITION SENSOR (-)
85	Y	2ND-4TH POSITION SENSOR SIGNAL
86	L	CLUTCH B SPEED SENSOR (-)
87	L	FLUID TEMPERATURE SENSOR (+)
88	W	3RD-5TH POSITION SENSOR (+)
89	O	PARK POSITION SWITCH SIGNAL
91	SB	FLUID TEMPERATURE SENSOR (-)
92	R	3RD-5TH POSITION SENSOR SIGNAL
94	G	1ST-REVERSE POSITION SENSOR 1 (-)

Connector No.	B49
Connector Name	TRANSMISSION UNIT
Connector Type	RH36FG



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	OUTPUT SHAFT SPEED SENSOR (+)
2	G	OUTPUT SHAFT SPEED SENSOR SIGNAL
3	Y	1ST-REVERSE POSITION SENSOR 1 (+)
4	L	1ST-REVERSE POSITION SENSOR 1 SIGNAL
5	G	1ST-REVERSE POSITION SENSOR 1 (-)
6	GR	SEQUENCE SOLENOID VALVE (+)
7	LG	SHIFT SOLENOID VALVE 4 (+)
8	Y	OUTPUT SHAFT SPEED SENSOR (-)
9	W	3RD-5TH POSITION SENSOR (+)
10	R	3RD-5TH POSITION SENSOR SIGNAL
11	BR	3RD-5TH POSITION SENSOR (-)

Connector No.	B47
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	RH24FGY-RZ8-R-LH-Z



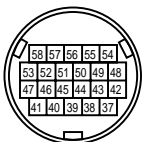
Terminal No.	Color of Wire	Signal Name [Specification]
97	BR	CLUTCH A PRESSURE SENSOR (+)
98	R	CLUTCH A PRESSURE SENSOR SIGNAL
99	W	CLUTCH A PRESSURE SENSOR (-)
102	Y	CLUTCH B PRESSURE SENSOR (+)
103	L	CLUTCH B PRESSURE SENSOR SIGNAL
104	G	CLUTCH B PRESSURE SENSOR (-)
105	L	OUTPUT SHAFT SPEED SENSOR (+)
106	G	OUTPUT SHAFT SPEED SENSOR SIGNAL
107	Y	OUTPUT SHAFT SPEED SENSOR (-)
113	O	LINE PRESSURE SOLENOID VALVE (-)
115	W	LUBRICATING FLOW SOLENOID VALVE (-)

12	GR	LINE PRESSURE SENSOR SIGNAL
13	L	SHIFT SOLENOID VALVE 1 (+)
14	BR	AXIS A FEED PRESSURE SOLENOID VALVE (+)
15	R	AXIS A FEED PRESSURE SOLENOID VALVE (-)
16	G	2ND-4TH POSITION SENSOR (+)
17	Y	2ND-4TH POSITION SENSOR SIGNAL
18	L	2ND-4TH POSITION SENSOR (-)
19	BR	LINE PRESSURE SENSOR (-)
20	W	SHIFT SOLENOID VALVE 2 (+)
21	G	AXIS B FEED PRESSURE SOLENOID VALVE (+)
22	O	AXIS B FEED PRESSURE SOLENOID VALVE (-)
23	BR	6TH-NEUTRAL POSITION SENSOR (+)
24	W	6TH-NEUTRAL POSITION SENSOR SIGNAL
25	R	6TH-NEUTRAL POSITION SENSOR (-)
26	L	CLUTCH B SPEED SENSOR (-)
27	P	SHIFT SOLENOID VALVE 3 (+)
28	Y	CLUTCH A SPEED SENSOR (+)
29	BR	CLUTCH A SPEED SENSOR (-)
30	L	1ST-REVERSE POSITION SENSOR 2 (+)
31	G	1ST-REVERSE POSITION SENSOR 2 SIGNAL
32	Y	1ST-REVERSE POSITION SENSOR 2 (-)
33	W	CLUTCH B SPEED SENSOR SIGNAL
34	G	CLUTCH A SPEED SENSOR SIGNAL
35	Y	LINE PRESSURE SENSOR (+)
36	R	CLUTCH B SPEED SENSOR (+)

118	V	LINE PRESSURE SOLENOID VALVE (+)
120	BR	LUBRICATING FLOW SOLENOID VALVE (+)
121	R	CLUTCH A SOLENOID VALVE (+)
123	G	CLUTCH B SOLENOID VALVE (+)
126	LG	CLUTCH A SOLENOID VALVE (-)
128	Y	CLUTCH B SOLENOID VALVE (-)

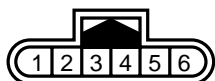
TRANSMISSION CONTROL SYSTEM

Connector No.	B50
Connector Name	TRANSMISSION UNIT
Connector Type	RK22FGY



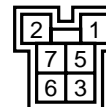
Terminal No.	Color of Wire	Signal Name [Specification]
37	R	CLUTCH A SOLENOID VALVE (+)
38	LG	CLUTCH A SOLENOID VALVE (-)
40	BR	CLUTCH A PRESSURE SENSOR (+)
41	R	CLUTCH A PRESSURE SENSOR SIGNAL
42	G	CLUTCH B SOLENOID VALVE (+)
43	Y	CLUTCH B SOLENOID VALVE (-)
45	L	FLUID TEMPERATURE SENSOR (+)
46	SB	FLUID TEMPERATURE SENSOR (-)
47	W	CLUTCH A PRESSURE SENSOR (-)
48	V	LINE PRESSURE SOLENOID VALVE (+)
49	O	LINE PRESSURE SOLENOID VALVE (-)

Connector No.	B121
Connector Name	WIRE TO WIRE
Connector Type	RH06MB



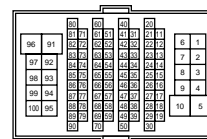
Terminal No.	Color of Wire	Signal Name [Specification]
5	B	-
6	L	-

51	Y	CLUTCH B PRESSURE SENSOR (+)
52	L	CLUTCH B PRESSURE SENSOR SIGNAL
53	G	CLUTCH B PRESSURE SENSOR (-)
54	BR	LUBRICATING FLOW SOLENOID VALVE (+)
55	W	LUBRICATING FLOW SOLENOID VALVE (-)



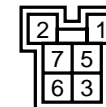
Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	R	-
3	G	-
5	O	-
6	W	-
7	R	-

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



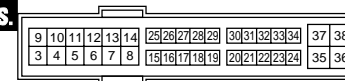
Terminal No.	Color of Wire	Signal Name [Specification]
61	P	-
62	L	-
69	P	-
70	L	-

Connector No.	B55
Connector Name	BACK-UP LAMP RELAY
Connector Type	M06FBR-R-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	LG	-
6	P	-
7	Y	-

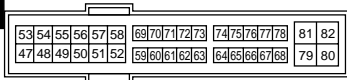
Connector No.	E5
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS12-M4-1V



Terminal No.	Color of Wire	Signal Name [Specification]
25	O	-

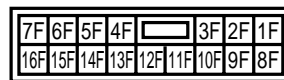
TRANSMISSION CONTROL SYSTEM

Connector No.	E7
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS12-M4



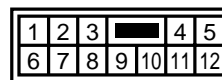
Terminal No.	Color of Wire	Signal Name [Specification]
58	Y	-

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS



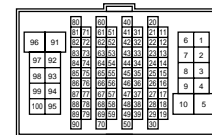
Terminal No.	Color of Wire	Signal Name [Specification]
2F	W	-
8F	L	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
4	Y	-
5	R	-

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



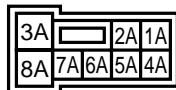
Terminal No.	Color of Wire	Signal Name [Specification]
4	O	-

Connector No.	E110
Connector Name	STOP LAMP SWITCH
Connector Type	M04FW-LC



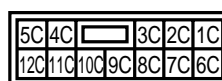
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	W	-

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



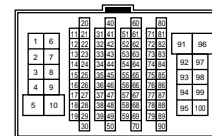
Terminal No.	Color of Wire	Signal Name [Specification]
4A	LG	-

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



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

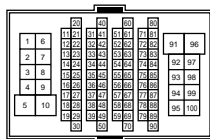
Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
4	G	-

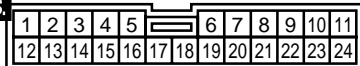
TRANSMISSION CONTROL SYSTEM

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



Terminal No.	Color of Wire	Signal Name [Specification]
11	W	-
21	L	-
22	R	-
23	G	-
24	BR	-
25	L	-
26	LG	-
27	W	-
28	R	-
43	W	-
69	P	-

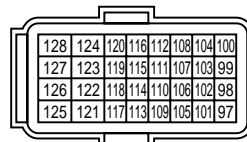
Connector No.	M73
Connector Name	SET-UP SWITCH
Connector Type	TK24FW-1V



Terminal No.	Color of Wire	Signal Name [Specification]
10	G	SNOW MODE LAMP SIGNAL
11	W	R MODE SWITCH SIGNAL
16	R	R MODE LAMP SIGNAL
17	B	SW GND
18	G	IGN
23	BR	SNOW MODE SWITCH SIGNAL

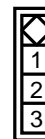
70	L	-
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Connector No.	M107
Connector Name	ECM
Connector Type	RH24FGY-RZ8-R-LH-Z



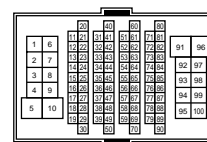
Terminal No.	Color of Wire	Signal Name [Specification]
97	P	VEHCAN-L1
101	L	VEHCAN-H1
113	SB	TACHO

Connector No.	M32
Connector Name	PADDLE SHIFTER (SHIFT-DOWN SWITCH)
Connector Type	A03FW



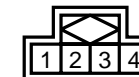
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
3	L	-

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
61	P	-
62	L	-
69	P	-
70	L	-

Connector No.	M39
Connector Name	PADDLE SHIFTER (SHIFT-UP SWITCH)
Connector Type	A04FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
3	R	-