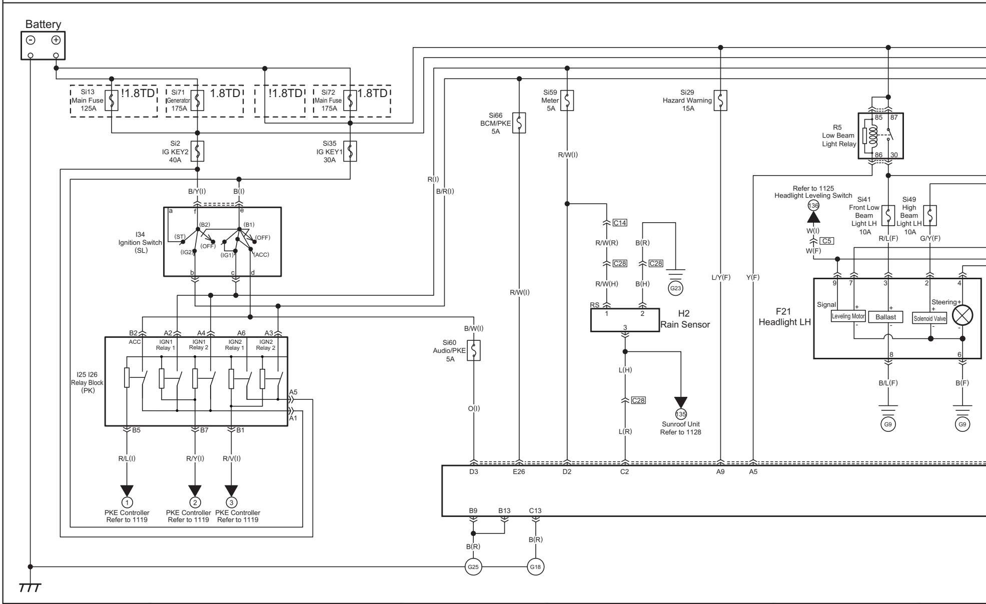
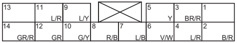
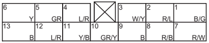
Overall EWD Vehicle Interior Body Control System


Battery
Si13 Main Fuse 125A
!1.8TD
Si71 Generator 175A
1.8TD
!1.8TD
Si72 Main Fuse 175A
1.8TD
Si2 IG KEY2 40A
Si35 IG KEY1 30A
B/Y(I)
B(I)
R(I)
B/R(I)
I34 Ignition Switch (SL)
a
f
e
b
c
d
(B2)
(B1)
(ST)
(OFF)
(IG2)
(IG1)
(ACC)
(OFF)
B2 ACC
A2 IGN1 Relay 1
A4 IGN1 Relay 2
A6 IGN2 Relay 1
A3 IGN2 Relay 2
I25 I26 Relay Block (PK)
A5
A1
B5
B7
B1
R/L(I)
R/Y(I)
R/V(I)
1
2
3
PKE Controller Refer to 1119
PKE Controller Refer to 1119
PKE Controller Refer to 1119
Si66 BCM/PKE 5A
Si59 Meter 5A
Si29 Hazard Warning 15A
B/W(I)
Si60 Audio/PKE 5A
O(I)
R/W(I)
R/W(I)
C14
R/W(R)
B(R)
C28
C28
R/W(H)
B(H)
G23
RS
1
2
3
H2 Rain Sensor
L(H)
C28
L(R)
135
Sunroof Unit Refer to 1128
L/Y(F)
Y(F)
D3
E26
D2
C2
A9
A5
B9
B13
C13
B(R)
B(R)
G25
G18
R5 Low Beam Light Relay
85
87
86
30
Refer to 1125 Headlight Leveling Switch
136
W(I)
C5
W(F)
Si41 Front Low Beam Light LH 10A
Si49 High Beam Light LH 10A
R/L(F)
G/Y(F)
9
7
3
2
4
F21 Headlight LH
Signal
Leveling Motor
Ballast
Solenoid Valve
Steering
+
-
8
6
B/L(F)
B(F)
G9
G9

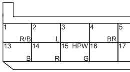
F17 Body Control Module A

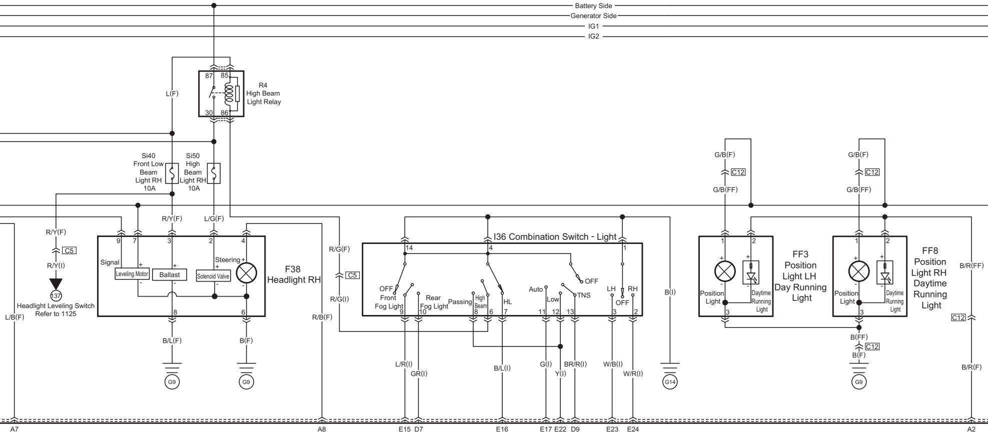

13
11 L/R
9 L/Y
5 Y
3 BR/R
1
14 GR/R
12 GR
10 G/Y
8 R/B
7 L/B
6 V/W
4 L/R
2 B/R

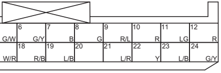
R21 Body Control Module B


6 Y
5 GR
4 L/R
3 W/Y
2 R/L
1 B/G
13 B
12 L/R
11 Y/B
10 GR/Y
9 B
8 R/B
7 R/W

R20 Body Control Module C

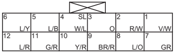

1 R/B
2 L
3
4 BR
5
13 B
14 R
15 HPW G
16
17


Battery Side
Generator Side
IG1
IG2
87
85
30
86
R4
High Beam
Light Relay
L(F)
Si40
Front Low
Beam
Light RH
10A
Si50
High
Beam
Light RH
10A
R/Y(F)
L/G(F)
R/Y(F)
C5
R/Y(I)
I37
Headlight Leveling Switch
Refer to 1125
L/B(F)
9
7
3
2
4
Signal
Leveling Motor
Ballast
Solenoid Valve
Steering
8
6
F38
Headlight RH
B/L(F)
B(F)
G9
G9
R/G(F)
C5
R/G(I)
R/B(F)
I36 Combination Switch - Light
14
4
1
OFF
Front
Fog Light
Rear
Fog Light
Passing
High
Beam
HL
Auto
Low
OFF
TNS
LH
OFF
RH
9
10
8
6
7
11
12
13
3
2
L/R(I)
GR(I)
B/L(I)
G(I)
Y(I)
BR/R(I)
W/B(I)
W/R(I)
B(I)
G14
G/B(F)
C12
G/B(FF)
1
2
Position
Light
Daytime
Running
Light
3
FF3
Position
Light LH
Day Running
Light
G/B(F)
C12
G/B(FF)
1
2
Position
Light
Daytime
Running
Light
3
FF8
Position
Light RH
Daytime
Running
Light
B(FF)
C12
B(F)
G9
B/R(FF)
C12
B/R(F)
A7
A8
E15
D7
E16
E17
E22
D9
E23
E24
A2



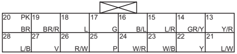
G/W	6 G/Y	7 B	8 G	9 R/L	10 R	11 LG	12 R
W/R	18 R/B	19 L/B	20	21 L/R	22 Y	23 L/B	24 G/Y

I57 Body Control Module D

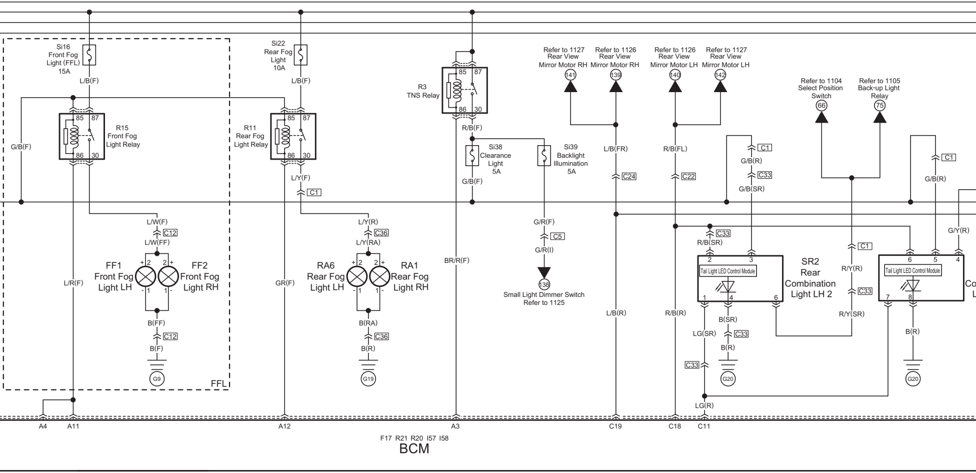


6 L/Y	5 L/B	4 SL W/L	3 O	2 R/W	1 V/W
12 L/R	11 G/R	10 Y/R	9 BR/R	8 L/O	7 GR

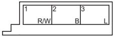
I58 Body Control Module E



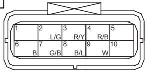
20 PK BR	19 BR/R	18 L	17 G	16 B/L	15 L/R	14 GR/Y	13 Y/R
28 L/B	27 V	26 R/W	25 P	24 W/R	23 W/B	22 Y	21 L/W


Si16
Front Fog
Light (FFL)
15A
L/B(F)
R15
Front Fog
Light Relay
85
87
86
30
G/B(F)
L/W(F)
C12
L/W(FF)
FF1
Front Fog
Light LH
FF2
Front Fog
Light RH
B(FF)
C12
B(F)
G9
L/R(F)
FFL
Si22
Rear Fog
Light
10A
L/B(F)
R11
Rear Fog
Light Relay
L/Y(F)
C1
L/Y(R)
C36
L/Y(RA)
RA6
Rear Fog
Light LH
RA1
Rear Fog
Light RH
B(RA)
C36
B(R)
G19
GR(F)
R3
TNS Relay
R/B(F)
Si38
Clearance
Light
5A
G/B(F)
Si39
Backlight
Illumination
5A
G/R(F)
C5
G/R(I)
138
Small Light Dimmer Switch
Refer to 1125
BR/R(F)
Refer to 1127
Rear View
Mirror Motor RH
141
Refer to 1126
Rear View
Mirror Motor RH
139
Refer to 1126
Rear View
Mirror Motor LH
140
Refer to 1127
Rear View
Mirror Motor LH
142
L/B(FR)
C24
L/B(R)
R/B(FL)
C22
R/B(R)
Refer to 1104
Select Position
Switch
66
Refer to 1105
Back-up Light
Relay
75
C1
G/B(R)
C33
G/B(SR)
C33
R/B(SR)
Tail Light LED Control Module
SR2
Rear
Combination
Light LH 2
LG(SR)
C33
B(SR)
C33
B(R)
G20
LG(R)
C1
R/Y(R)
C33
R/Y(SR)
C1
G/B(R)
G/Y(R)
Tail Light LED Control Module
Co
L
B(R)
G20
A4
A11
A12
A3
C19
C18
C11
F17 R21 R20 I57 I58
BCM

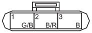
H2 Rain Sensor



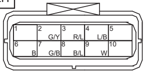
F38 Headlight RH


1
2
L/G
3
R/Y
4
R/B
5
6
B
7
G/B
8
B/L
9
W
10

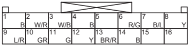
FF3 Position Light LH/Daytime Running Light



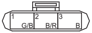
F21 Headlight LH

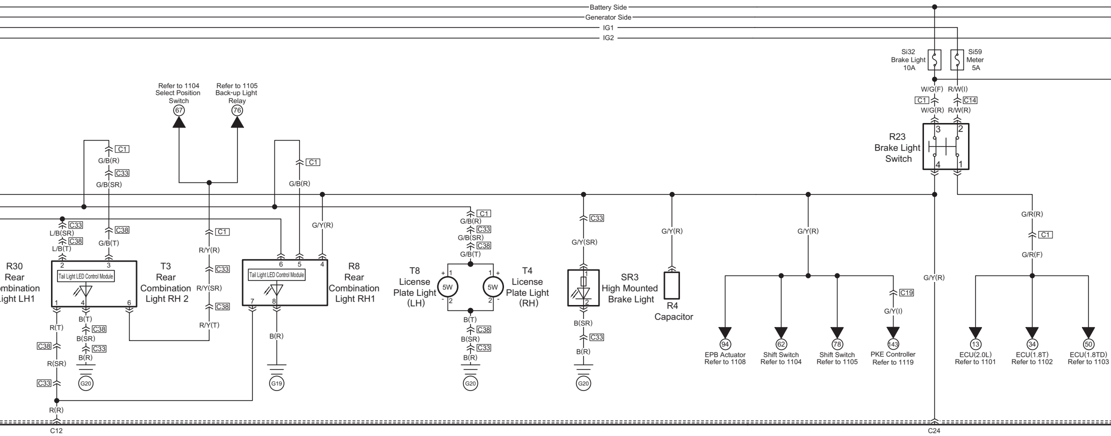

1
2
G/Y
3
R/L
4
L/B
5
6
B
7
G/B
8
B/L
9
W
10

I36 Combination Switch - Light

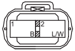

1
B
2
W/R
3
W/B
4
B
5
6
R/G
7
B/L
8
Y
9
L/R
10
GR
11
G
12
Y
13
BR/R
14
B
15
16

FF8 Position Light RH/Daytime Running Light

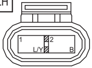



Battery Side
Generator Side
IG1
IG2
Si32
Brake Light
10A
Si59
Meter
5A
W/G(F)
R/W(I)
C1
C14
W/G(R)
R/W(R)
R23
Brake Light
Switch
3
2
4
1
Refer to 1104
Select Position
Switch
67
Refer to 1105
Back-up Light
Relay
76
C1
G/B(R)
C33
G/B(SR)
C1
G/B(R)
C33
L/B(SR)
C38
L/B(T)
C38
G/B(T)
C1
R/Y(R)
C33
R/Y(SR)
C38
R/Y(T)
G/Y(R)
R30
Rear
Combination
Light LH1
2
3
Tail Light LED Control Module
1
4
6
T3
Rear
Combination
Light RH 2
6
5
4
Tail Light LED Control Module
7
8
R8
Rear
Combination
Light RH1
R(T)
C38
R(SR)
C33
B(T)
C38
B(SR)
C33
B(R)
G20
B(R)
G19
R(R)
C12
C1
G/B(R)
C33
G/B(SR)
C38
G/B(T)
T8
License
Plate Light
(LH)
5W
T4
License
Plate Light
(RH)
5W
B(T)
C38
B(SR)
C33
B(R)
G20
C33
G/Y(SR)
SR3
High Mounted
Brake Light
B(SR)
C33
B(R)
G20
G/Y(R)
R4
Capacitor
G/Y(R)
C19
G/Y(I)
94
EPB Actuator
Refer to 1108
62
Shift Switch
Refer to 1104
78
Shift Switch
Refer to 1105
143
PKE Controller
Refer to 1119
G/Y(R)
C24
G/R(R)
C1
G/R(F)
13
ECU(2.0L)
Refer to 1101
34
ECU(1.8T)
Refer to 1102
50
ECU(1.8TD)
Refer to 1103

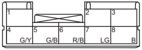
FF1 Front Fog Light LH



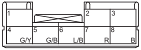
RA6 Rear Fog Light LH



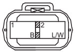
R30 Rear Combination Light LH1


1
2
3
4
5
6
7
8
G/Y
G/B
R/B
LG
B

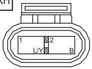
R8 Rear Combination Light RH1


1
2
3
4
5
6
7
8
G/Y
G/B
L/B
R
B

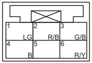
FF2 Front Fog Light RH



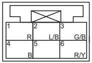
RA1 Rear Fog Light RH

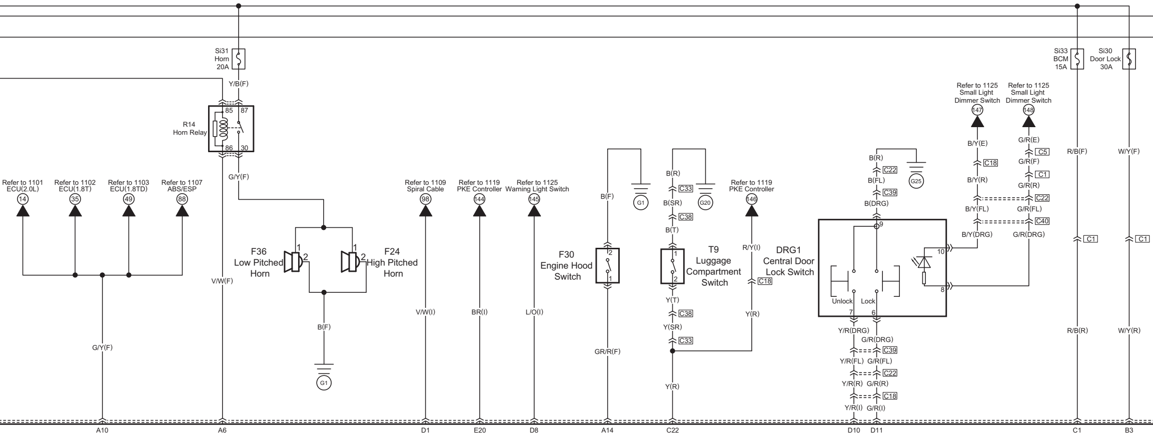


SR2 Rear Combination Light LH 2

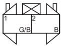

1
2
3
LG
R/B
G/B
4
5
6
B
R/Y

T3 Rear Combination Light RH 2

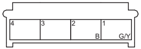

1
2
3
R
L/B
G/B
4
5
6
B
R/Y


Si31
Horn
20A
Y/B(F)
R14
Horn Relay
85
87
86
30
G/Y(F)
Refer to 1101
ECU(2.0L)
14
Refer to 1102
ECU(1.8T)
35
Refer to 1103
ECU(1.8TD)
49
Refer to 1107
ABS/ESP
88
G/Y(F)
A10
V/W(F)
A6
F36
Low Pitched
Horn
1
2
F24
High Pitched
Horn
1
2
B(F)
G1
Refer to 1109
Spiral Cable
98
V/W(I)
D1
Refer to 1119
PKE Controller
144
BR(I)
E20
Refer to 1125
Warning Light Switch
145
L/O(I)
D8
B(F)
G1
F30
Engine Hood
Switch
2
1
GR/R(F)
A14
B(R)
C33
B(SR)
C38
B(T)
G20
T9
Luggage
Compartment
Switch
1
2
Y(T)
C38
Y(SR)
C33
Y(R)
C22
Refer to 1119
PKE Controller
146
R/Y(I)
C18
Y(R)
DRG1
Central Door
Lock Switch
B(R)
C22
B(FL)
C39
B(DRG)
G25
9
10
8
Unlock
Lock
7
6
Y/R(DRG)
G/R(DRG)
C39
Y/R(FL)
G/R(FL)
C22
Y/R(R)
G/R(R)
C18
Y/R(I)
G/R(I)
D10
D11
Refer to 1125
Small Light
Dimmer Switch
147
Refer to 1125
Small Light
Dimmer Switch
148
B/Y(E)
C18
B/Y(R)
C22
B/Y(FL)
C40
B/Y(DRG)
G/R(E)
C5
G/R(F)
C1
G/R(R)
C22
G/R(FL)
C40
G/R(DRG)
Si33
BCM
15A
Si30
Door Lock
30A
R/B(F)
C1
R/B(R)
C1
W/Y(F)
C1
W/Y(R)
B3

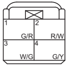
T8 License Plate Light (LH)



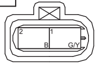
SR3 High Mounted Brake Light



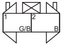
R23 Brake Light Switch


1
2
G/R
R/W
3
4
W/G
G/Y

F24 High Pitched Horn

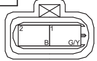


T4 License Plate Light (RH)

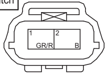


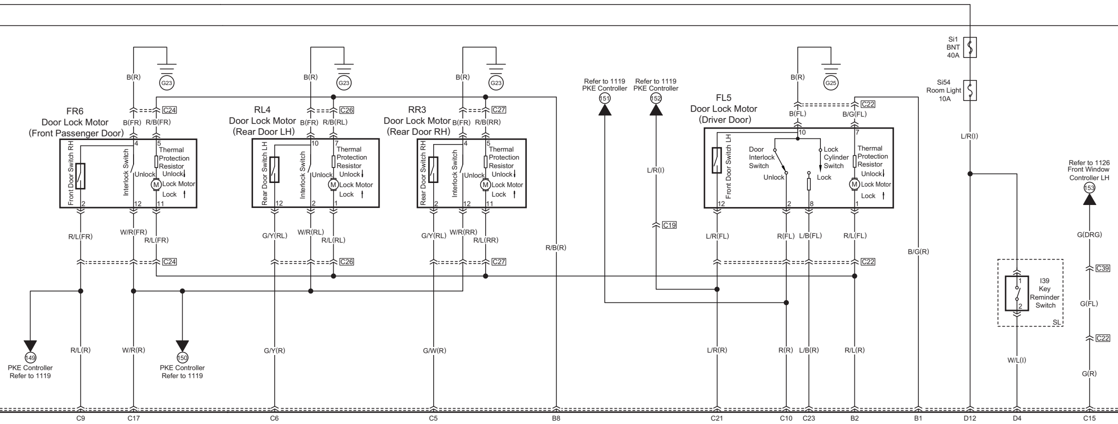
R4 Capacitor

F36 Low Pitched Horn

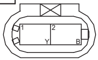


F30 Engine Hood Switch

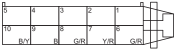



FR6
Door Lock Motor
(Front Passenger Door)
RL4
Door Lock Motor
(Rear Door LH)
RR3
Door Lock Motor
(Rear Door RH)
FL5
Door Lock Motor
(Driver Door)
Front Door Switch RH
Rear Door Switch LH
Rear Door Switch RH
Front Door Switch LH
Interlock Switch
Door Interlock Switch
Lock Cylinder Switch
Thermal Protection Resistor
Unlock
Lock
Lock Motor
M
B(R)
B(FR)
R/B(FR)
B(FL)
B/G(FL)
R/B(RL)
R/B(RR)
G23
G25
C24
C26
C27
C22
C19
C39
R/L(FR)
W/R(FR)
G/Y(RL)
W/R(RL)
R/L(RL)
G/Y(RL)
W/R(RR)
R/L(RR)
L/R(FL)
R(FL)
L/B(FL)
R/L(FL)
R/B(R)
B/G(R)
L/R(I)
W/L(I)
G(DRG)
G(FL)
G(R)
R/L(R)
W/R(R)
G/Y(R)
G/W(R)
L/R(R)
R(R)
L/B(R)
149
PKE Controller
Refer to 1119
150
PKE Controller
Refer to 1119
Refer to 1119
PKE Controller
151
Refer to 1119
PKE Controller
152
Refer to 1126
Front Window
Controller LH
153
Si1
BNT
40A
Si54
Room Light
10A
I39
Key
Reminder
Switch
SL
1
2
4
5
7
8
10
11
12
C9
C17
C6
C5
B8
C21
C10
C23
B2
B1
D12
D4
C15

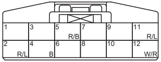
T9 Luggage Compartment Switch



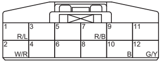
DRG1 Central Door Lock Switch

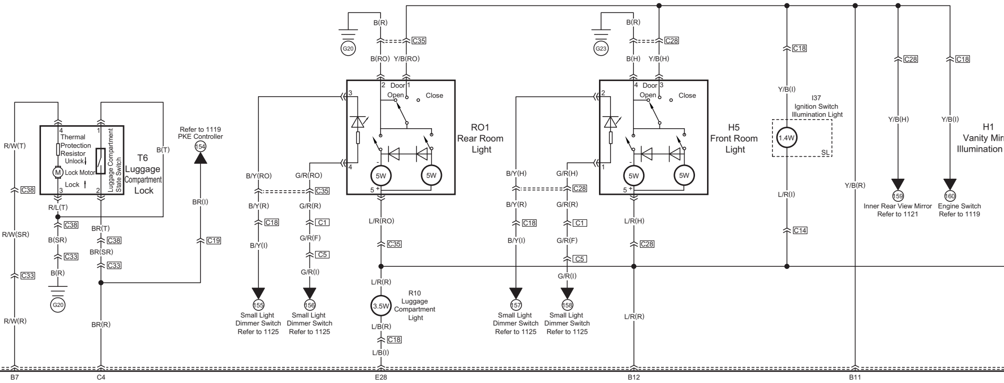

5
4
3
2
1
10
9
8
7
6
B/Y
B
G/R
Y/R
G/R

FR6 Door Lock Motor (Front Passenger Door)

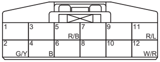

1
3
5
7
9
11
R/B
R/L
2
4
6
8
10
12
R/L
B
W/R

RL4 Door Lock Motor (Rear Door LH)

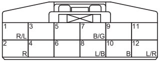

1
3
5
7
9
11
R/L
R/B
2
4
6
8
10
12
W/R
B
G/Y


R/W(T)
C38
R/W(SR)
C33
R/W(R)
B7
4
Thermal
Protection
Resistor
Unlock
M
Lock Motor
Lock
3
1
Luggage Compartment State Switch
2
T6
Luggage
Compartment
Lock
B(T)
R/L(T)
C38
B(SR)
C33
B(R)
G20
BR(T)
C38
BR(SR)
C33
BR(R)
C4
Refer to 1119
PKE Controller
154
BR(I)
C19
G20
B(R)
C35
B(RO)
Y/B(RO)
2
Door
1
Open
Close
3
4
5
5W
5W
RO1
Rear Room
Light
B/Y(RO)
G/R(RO)
C35
B/Y(R)
G/R(R)
C18
C1
B/Y(I)
G/R(F)
C5
G/R(I)
155
Small Light
Dimmer Switch
Refer to 1125
156
Small Light
Dimmer Switch
Refer to 1125
L/R(RO)
C35
L/R(R)
3.5W
R10
Luggage
Compartment
Light
L/B(R)
C18
L/B(I)
E28
G23
B(R)
C28
B(H)
Y/B(H)
4
Door
3
Open
Close
2
1
5
5W
5W
H5
Front Room
Light
B/Y(H)
G/R(H)
C28
B/Y(R)
G/R(R)
C18
C1
B/Y(I)
G/R(F)
C5
G/R(I)
157
Small Light
Dimmer Switch
Refer to 1125
158
Small Light
Dimmer Switch
Refer to 1125
L/R(H)
C28
L/R(R)
B12
C18
Y/B(I)
I37
Ignition Switch
Illumination Light
1.4W
SL
L/R(I)
C14
Y/B(R)
B11
C28
Y/B(H)
159
Inner Rear View Mirror
Refer to 1121
C18
Y/B(I)
160
Engine Switch
Refer to 1119
H1
Vanity Mir
Illumination

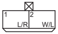
RR3 Door Lock Motor (Rear Door RH)


1
3
5
R/B
7
9
11
R/L
2
G/Y
4
B
6
8
10
12
W/R

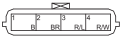
FL5 Door Lock Motor (Driver Door)

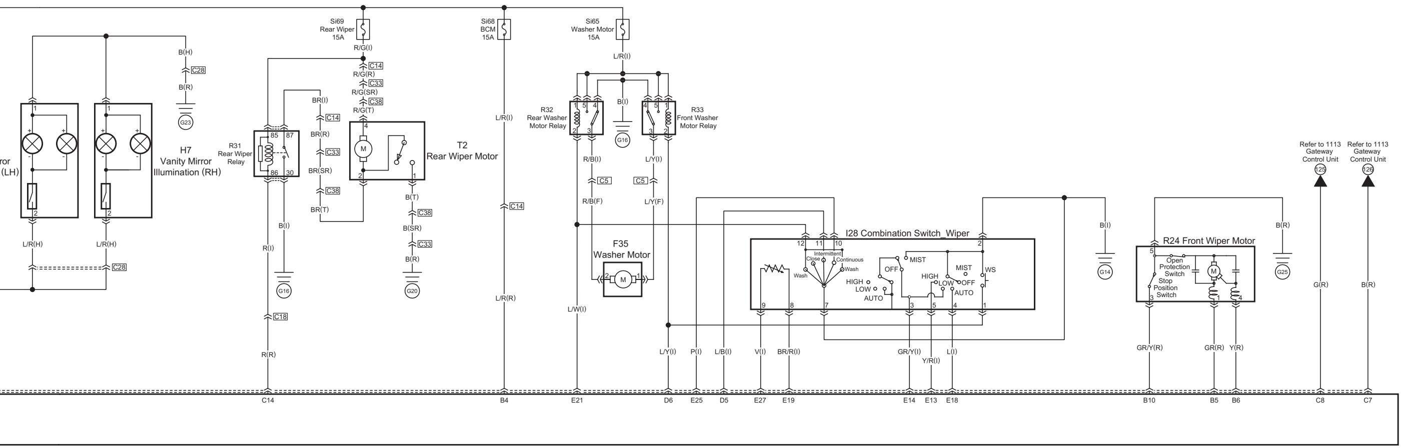

1
R/L
3
5
7
B/G
9
11
2
R
4
6
8
L/B
10
B
12
L/R

I39 Key Reminder Switch

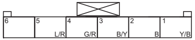


T6 Luggage Compartment Lock

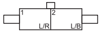

1
B
2
BR
3
R/L
4
R/W


ror
(LH)
H7
Vanity Mirror
Illumination (RH)
B(H)
C28
B(R)
G23
L/R(H)
L/R(H)
C28
Si69
Rear Wiper
15A
R/G(I)
C14
R/G(R)
C33
R/G(SR)
C38
R/G(T)
R31
Rear Wiper
Relay
85
87
86
30
BR(I)
C14
BR(R)
C33
BR(SR)
C38
BR(T)
T2
Rear Wiper Motor
B(T)
C38
B(SR)
C33
B(R)
G20
B(I)
G16
R(I)
C18
R(R)
Si68
BCM
15A
L/R(I)
C14
L/R(R)
Si65
Washer Motor
15A
L/R(I)
R32
Rear Washer
Motor Relay
B(I)
G16
R33
Front Washer
Motor Relay
R/B(I)
C5
R/B(F)
L/Y(I)
C5
L/Y(F)
F35
Washer Motor
L/W(I)
I28 Combination Switch_Wiper
Intermittent
Close
Continuous
Wash
Wash
MIST
OFF
HIGH
LOW
AUTO
HIGH
MIST
LOW
OFF
AUTO
WS
L/Y(I)
P(I)
L/B(I)
V(I)
BR/R(I)
GR/Y(I)
Y/R(I)
L(I)
B(I)
G14
R24 Front Wiper Motor
Open
Protection
Switch
Stop
Position
Switch
B(R)
G25
GR/Y(R)
GR(R)
Y(R)
Refer to 1113
Gateway
Control Unit
I25
Refer to 1113
Gateway
Control Unit
I26
G(R)
B(R)
C14
B4
E21
D6
E25
D5
E27
E19
E14
E13
E18
B10
B5
B6
C8
C7

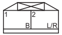
RO1 Rear Room Light


6
5 L/R
4 G/R
3 B/Y
2 B
1 Y/B

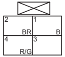
R10 Luggage Compartment Light



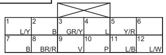
H1 Vanity Mirror Illumination (LH)



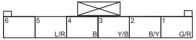
T2 Rear Wiper Motor



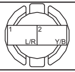
I28 Combination Switch_Wiper


1 L/Y
2 B
3 GR/Y
4 L
5 Y/R
6
7 B
8 BR/R
9 V
10 P
11 L/B
12 L/W

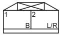
H5 Front Room Light


6
5 L/R
4 B
3 Y/B
2 B/Y
1 G/R

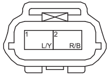
I37 Ignition Switch Illumination Light



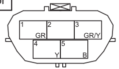
H7 Vanity Mirror Illumination (RH)



F35 Washer Motor



R24 Front Wiper Motor


1 GR
2
3 GR/Y
4 Y
5 B