

HARNESS

HARNESS

Harness Layout

HOW TO READ HARNESS LAYOUTS

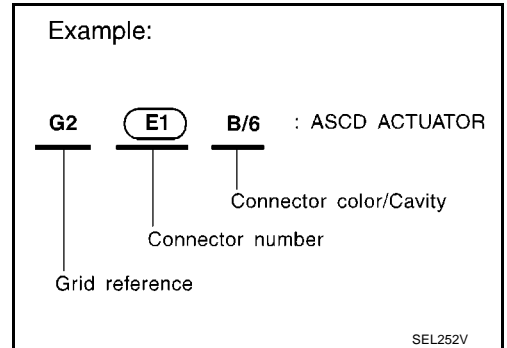
To ESM

The following Harness Layouts use a map style grid to help locate connectors on the drawings:

- Main Harness
- Engine Room Harness (Engine Compartment)
- Body Harness
- Body No.2 Harness

To use the grid reference

1. Find the desired connector number on the connector list.
2. Find the grid reference.
3. On the drawing, find the crossing of the grid reference letter column and number row.
4. Find the connector number in the crossing zone.
5. Follow the line (if used) to the connector.



CONNECTOR SYMBOL

Main symbols of connector (in Harness Layout) are indicated in the below.

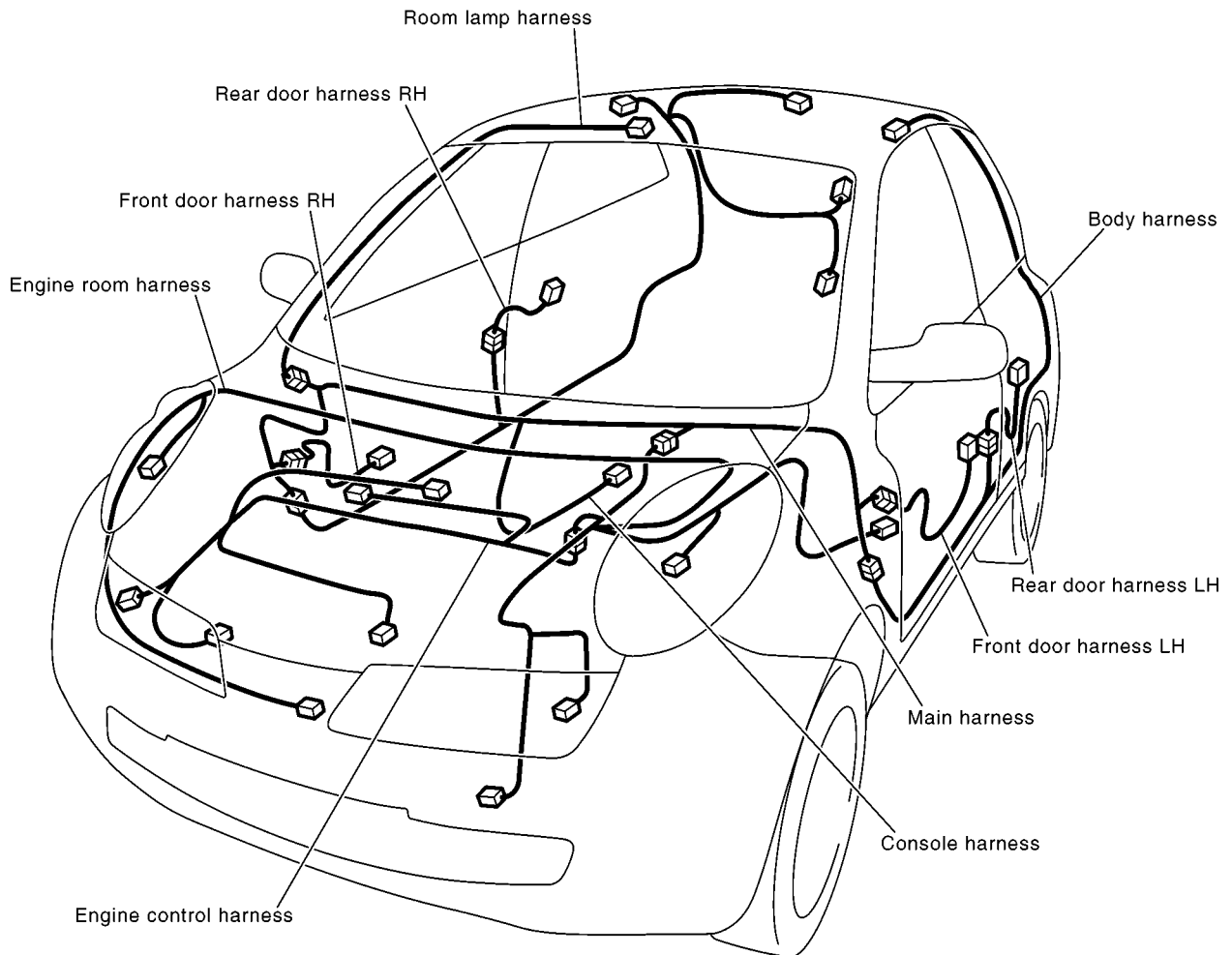
Connector type	Water proof type		Standard type	
	Male	Female	Male	Female
<ul style="list-style-type: none"> • Cavity: Less than 4 • Relay connector 				
<ul style="list-style-type: none"> • Cavity: From 5 to 8 				
<ul style="list-style-type: none"> • Cavity: More than 9 				
<ul style="list-style-type: none"> • Ground terminal etc. 	—			

CKIT0108E

HARNESS

OUTLINE/CR ENGINE MODELS

To ESM

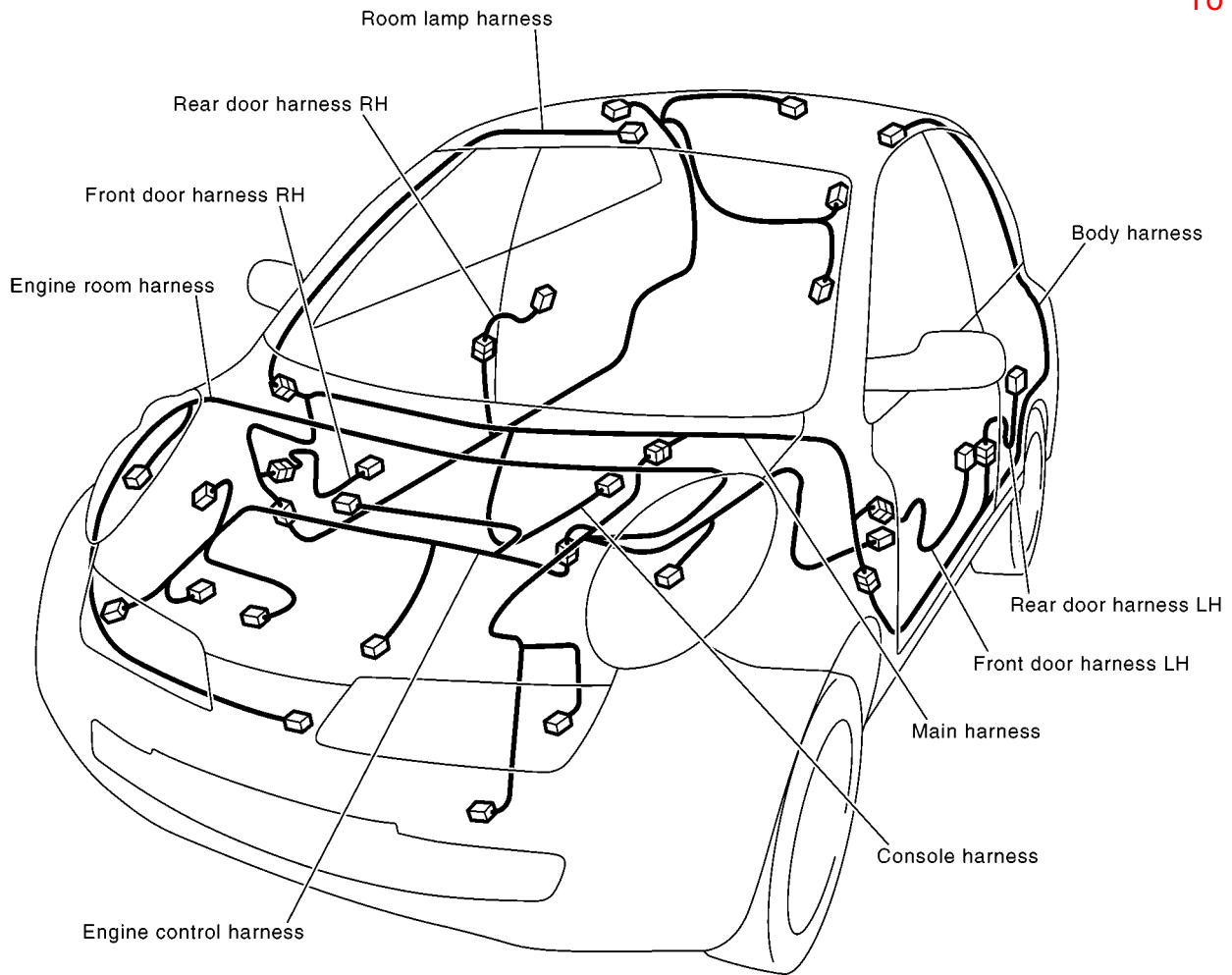


MKWA1354E

HARNESS

OUTLINE/K9K ENGINE MODELS

To ESM

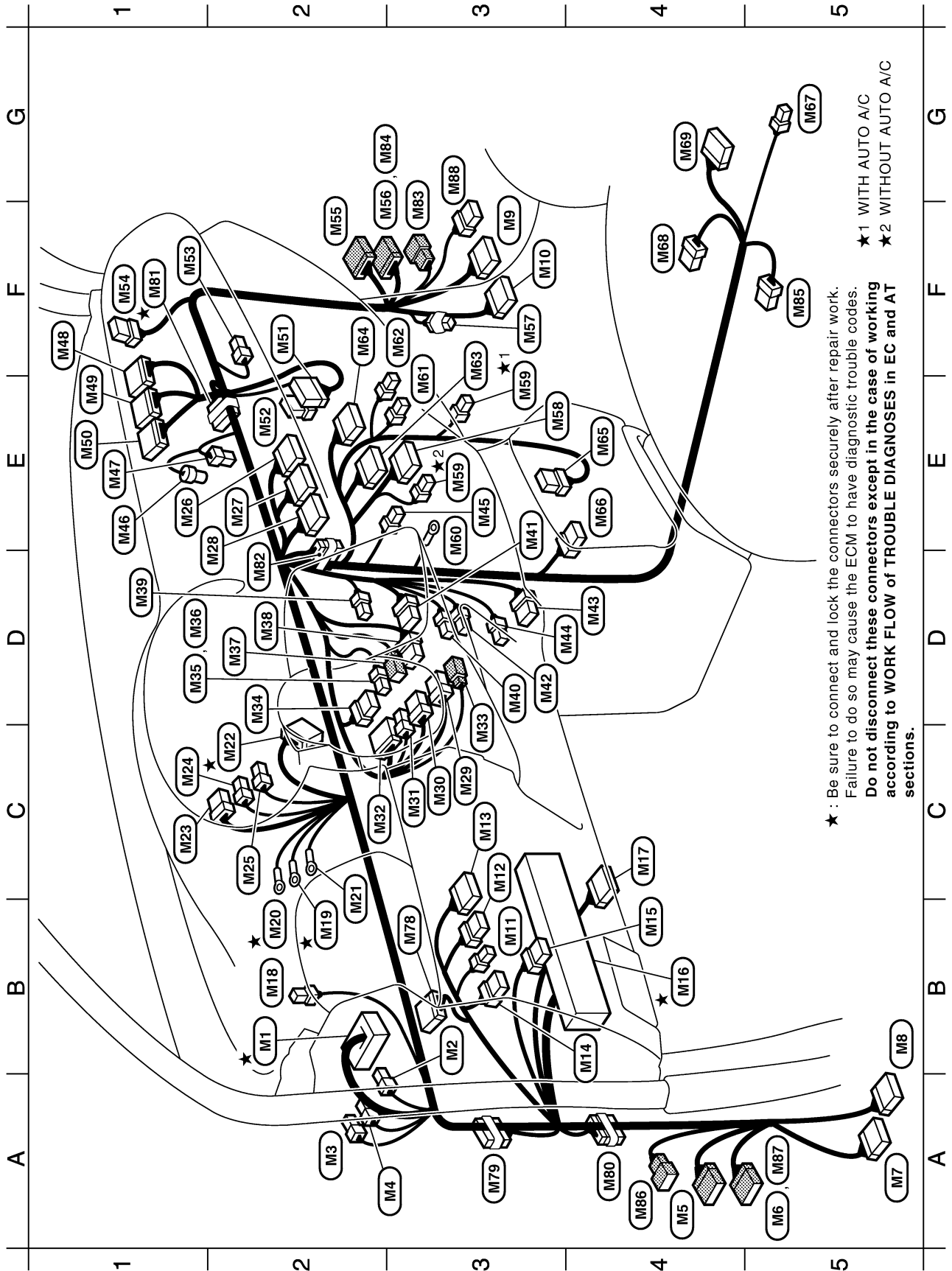


MKWA1490E

HARNESS

MAIN HARNESS/LHD MODELS

To ESM



MKWA1852E

HARNESS

★ B2	SMJ	: To (E101)	C3	(M33)	W/2	: Key switch (Without Intelligent Key system)	E4	(M65)	B/6	: Mode door motor (With auto A/C)
B3	Y/4	: To (E102) (Without ESP)	D2	(M34)	GY/6	: Key switch and ignition knob switch (With Intelligent Key system)	E4	(M66)	B/6	: Air mix door motor (With auto A/C)
A2	B/2	: To (E103)	D2	(M35)	GY/4	: NATS antenna amp. (With Intelligent Key system)	G5	(M67)	B/1	: Parking brake switch
A3	W/2	: To (E104) (With headlamp washer without ESP)	D2	(M36)	–/4	: NATS antenna amp. (Without Intelligent Key system)	F4	(M68)	W/6	: A/T device (With A/T)
A4	W/12	: To (D2) (Without ESP)	D2	(M37)	BR/2	: Clutch interlock switch (With M/T and Intelligent Key system)	G4	(M69)	Y/20	: Air bag diagnosis sensor unit
A5	W/10	: To (D1) (Without ESP)	D2	(M38)	W/6	: Ignition switch	B3	(M78)	W/12	: Oil level warning unit (With diesel engine)
A5	W/12	: To (B4)	D2	(M39)	W/2	: In-vehicle sensor (With auto A/C)	A3	(M79)	W/20	: Joint connector-1
B5	W/10	: To (B3) (Without ESP)	D1	(M40)	W/4	: Fan resistor (Without auto A/C)	A4	(M80)	W/20	: Joint connector-2
F3	W/24	: To (B1) (Without ESP)	D3	(M41)	G/6	: Fan control amp. (With auto A/C)	F1	(M81)	L/20	: Joint connector-3
F3	W/10	: Headlamp aiming switch	E3	(M42)	G/2	: Fan control amp. (With auto A/C)	D2	(M82)	L/20	: Joint connector-4
B3	W/4	: Headlamp washer switch	D3	(M43)	B/6	: Intake door motor (With auto A/C)	G3	(M83)	GY/6	: To (D41) (With ESP)
C3	GY/8	: Headlamp washer switch (With headlamp washer)	E3	(M44)	W/3	: Thermal control amplifier (With manual A/C)	G2	(M84)	W/12	: To (D42) (With ESP)
C3	W/10	: Door mirror remote control switch	D3	(M45)	W/3	: Blower motor (Without A/C)	F5	(M85)	W/6	: Door lock/unlock switch (With ESP)
B4	GY/6	: ESP off switch	D4	(M46)	B/2	: Blower motor (With A/C)	A4	(M86)	GY/6	: To (D12) (With ESP)
B4	W/5	: Headlamp washer relay (With headlamp washer without ESP)	D4	(M47)	–/2	: Blower motor (With A/C)	A5	(M87)	W/12	: To (D13) (With ESP)
★ B4	–	: Fuse block (J/B)	E1	(M48)	W/40	: BCM (Body control module)	G3	(M88)	W/6	: To (B60) (With ESP)
C4	W/16	: Data link connector	F1	(M49)	W/24	: BCM (Body control module)				
B2	W/2	: Sunload sensor (With auto A/C)	E1	(M50)	B/15	: BCM (Body control module)				
★ B2	–	: Body ground	F2	(M51)	W/40	: Intelligent Key unit (With Intelligent Key system)				
★ B2	–	: Body ground	E2	(M52)	W/5	: Door lock/unlock relay (With Intelligent Key system)				
C2	–	: Body ground	F1	(M53)	Y/2	: Front passenger air bag module				
★ C2	W/40	: Combination meter	F1	(M54)	W/8	: To (R1)				
C1	W/6	: EPS control unit	F2	(M55)	W/12	: To (D32) (Without ESP)				
C1	W/1	: EPS control unit	F2	(M56)	W/10	: To (D31) (Without ESP)				
C2	B/1	: EPS control unit	F3	(M57)	W/1	: Towbar kit				
E1	–/20	: Audio unit or NAVI control unit	E3	(M58)	W/15	: Heater control panel (Without auto A/C)				
E2	B/16	: Audio unit or NAVI control unit	E3	(M59)	B/2	: Power socket				
E2	W/12	: Drive computer	E3	(M60)	–	: Body ground				
		(With drive computer)	E3	(M61)	W/4	: Hazard switch				
C3	GY/8	: Combination switch (Spiral cable)	F3	(M62)	W/2	: Ashtray illumination				
		(Steering switch)	F3	(M63)	B/18	: A/C auto amp. (With auto A/C)				
C3	Y/6	: Combination switch (Spiral cable)	F2	(M64)	W/18	: A/C auto amp. (With auto A/C)				
		(Air bag)								
C3	W/4	: Steering lock unit								
		(With Intelligent Key system)								
C2	W/16	: Combination switch								

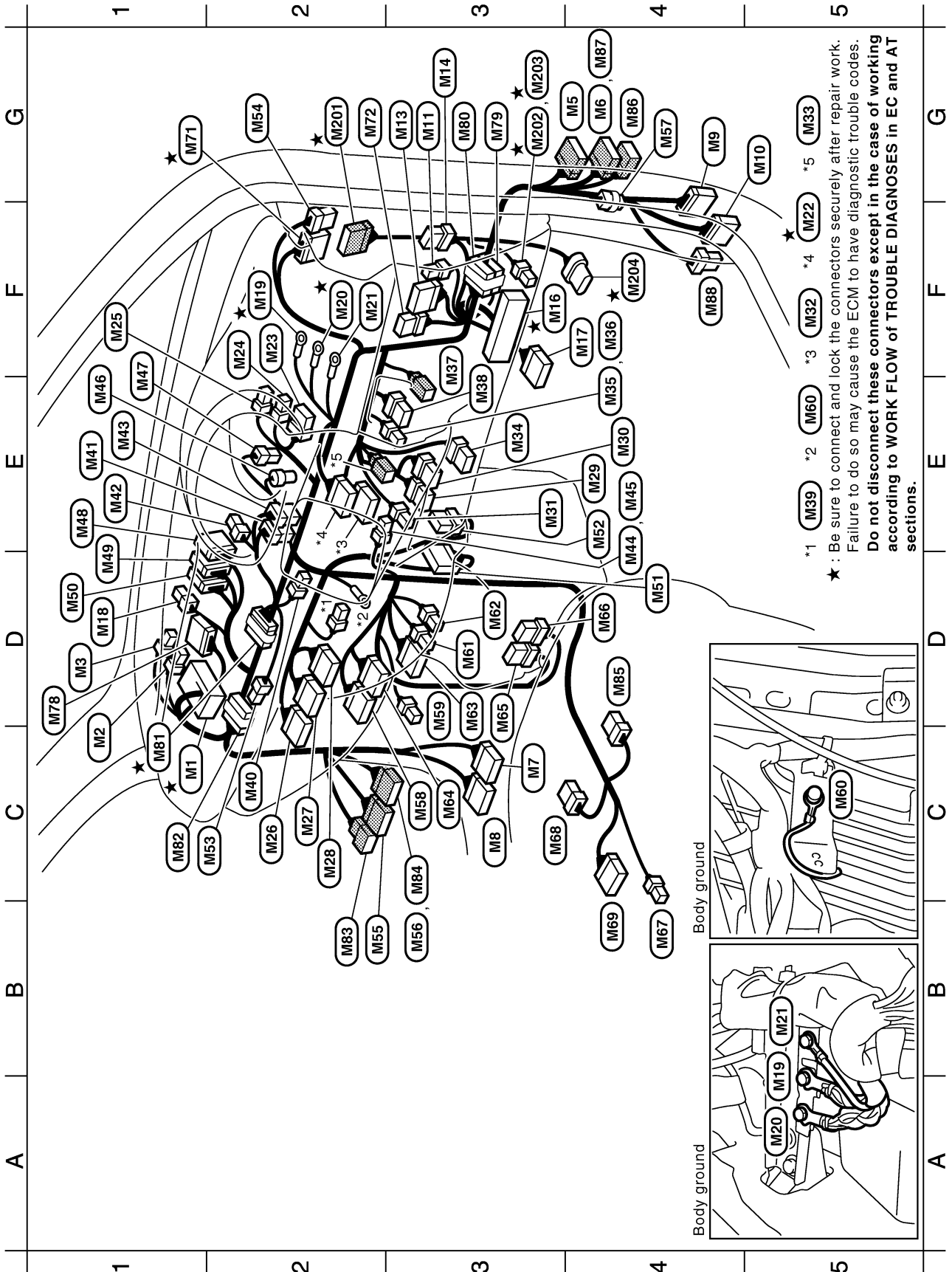
★ : Be sure to connect and lock the connectors
securely after repair work.
Failure to do so may cause the ECM to have
diagnostic trouble codes.

**Do not disconnect these connectors
except in the case of working according to
WORK FLOW of TROUBLE DIAGNOSES
in EC and AT sections.**

HARNESS

MAIN HARNESS/RHD MODELS

To ESM



MKWA1854E

★ C1	★ M1	SMJ	: To E101	F3	M37	BR/2	:	Clutch interlock switch (With M/T and Intelligent Key system)	D1	M78	W/12	:	Oil level warning unit (With diesel engine)
C1	M2	Y/4	: To E102 (Without ESP)										
D1	M3	B/2	: To E103	E3	M38	W/6	:	Ignition switch	G3	M79	W/20	:	Joint connector-1
G4	M5	W/12	: To D2 (Without ESP)	E5	M39	W/2	:	In-vehicle sensor (With auto A/C)	G3	M80	W/20	:	Joint connector-2
G4	M6	W/10	: To D1 (Without ESP)	C2	M40	W/4	:	Fan resistor (Without auto A/C)	C1	★ M81	L/20	:	Joint connector-3
C3	M7	W/12	: To B4	E1	M41	G/6	:	Fan control amp. (With auto A/C)	C1	M82	L/20	:	Joint connector-4
C3	M8	W/10	: To B3 (Without ESP)	E1	M42	G/2	:	Fan control amp. (With auto A/C)	B2	M83	GY/6	:	To D41 (With ESP)
G4	M9	W/24	: To B2	E1	M43	B/6	:	Intake door motor (With auto A/C)	C3	M84	W/12	:	To D42 (With ESP)
G5	M10	W/10	: To B1	D4	M44	W/3	:	Intake sensor (With auto A/C)	D4	M85	W/6	:	Door lock/unlock switch (With ESP)
G3	M11	W/4	: Headlamp aiming switch	E4	M45	W/3	:	Thermal control amplifier (With manual A/C)	G4	M86	GY/6	:	To D12 (With ESP)
G3	M13	W/10	: Door mirror remote control switch						G4	M87	W/12	:	To D13 (With ESP)
G3	M14	GY/6	: ESP off switch	E1	M46	B/2	:	Blower motor (Without A/C)	F4	M88	W/6	:	To B60 (With ESP)
F3	★ M16	–	: Fuse block (J/B)	F1	M47	–/2	:	Blower motor (With A/C)					
F4	M17	W/16	: Data link connector	E1	M48	W/40	:	BCM (Body control module)					
D1	M18	W/2	: Sunload sensor (With auto A/C)	D1	M49	W/24	:	BCM (Body control module)					
F2	★ M19	–	: Body ground	D1	M50	B/15	:	BCM (Body control module)					
F2	★ M20	–	: Body ground	D4	M51	W/40	:	Intelligent Key unit					
F2	M21	–	: Body ground					(With Intelligent Key system)					
F5	★ M22	W/40	: Combination meter	E4	M52	W/5	:	Door lock/unlock relay (With Intelligent Key system)					
F2	M23	W/6	: EPS control unit										
F2	M24	W/1	: EPS control unit	C2	M53	Y/2	:	Front passenger air bag module					
F1	M25	B/1	: EPS control unit	G2	M54	W/8	:	To R1					
C2	M26	–/20	: Audio unit or NAVI control unit	B2	M55	W/12	:	To D32 (Without ESP)	G2	★ M201	W/10	:	To M71
C2	M27	B/16	: Audio unit or NAVI control unit	B3	M56	W/10	:	To D31 (Without ESP)	G3	★ M202	B/2	:	Stop lamp switch (With M/T)
C2	M28	W/12	: Drive computer	G4	M57	W/1	:	Towbar kit	G3	★ M203	W/4	:	Stop lamp switch (With A/T)
			(With drive computer)						F4	★ M204	B/6	:	Accelerator pedal position sensor
E4	M29	GY/8	: Combination switch (Spiral cable)	C3	M58	W/15	:	Heater control panel (Without auto A/C)					
			(Steering switch)	D3	M59	B/2	:	Power socket					
E4	M30	Y/6	: Combination switch (Spiral cable)	E5	M60	–	:	Body ground					
			(Air bag)	D3	M61	W/4	:	Hazard switch					
E3	M31	W/4	: Steering lock unit	D3	M62	W/2	:	Ashtray illumination					
			(With Intelligent Key system)	D3	M63	B/18	:	A/C auto amp. (With auto A/C)					
F5	M32	W/16	: Combination switch	C3	M64	W/18	:	A/C auto amp. (With auto A/C)					
G5	M33	W/2	: Key switch	D3	M65	B/6	:	Mode door motor (With auto A/C)					
			(Without Intelligent Key system)	D4	M66	B/6	:	Air mix door motor (With auto A/C)					
E3	M34	GY/6	: Key switch and ignition knob switch	B4	M67	B/1	:	Parking brake switch					
			(With Intelligent Key system)	C3	M68	W/6	:	A/T device (With A/T)					
E4	M35	GY/4	: NATS antenna amp.	B4	M69	Y/20	:	Air bag diagnosis sensor unit					
			(With Intelligent Key system)	G1	★ M71	W/10	:	To M201					
F4	M36	–/4	: NATS antenna amp.	G2	M72	W/6	:	After market alarm unit (Option connector)					
			(Without Intelligent Key system)										

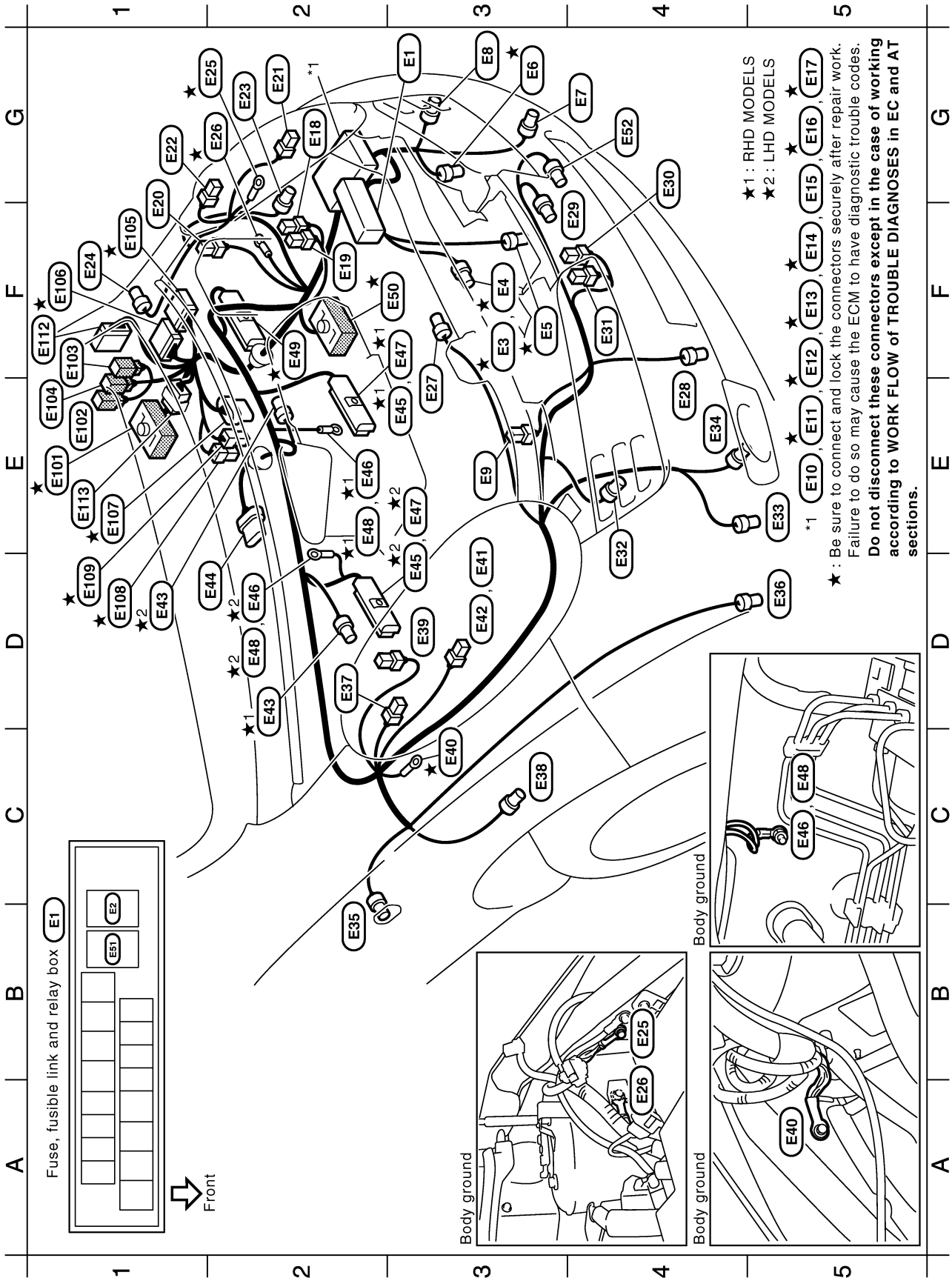
Sub-harness 1

★ : Be sure to connect and lock the connectors securely after repair work.
Failure to do so may cause the ECM to have diagnostic trouble codes.
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HARNESS

ENGINE ROOM HARNESS/CR ENGINE MODELS

To ESM



MKWA1856E

G3	(E1)	–	: Fuse, fusible link and relay box	C3	(E40)	–	: Body ground
B1	(E2)	W/5	: Daytime light relay (With daytime light system)	D3	(E41)	B/3	: Headlamp RH (With daytime light system)
F3	(E3)	B/2	: Cooling fan motor (With A/C)	D3	(E42)	B/3	: Headlamp RH (Without daytime light system)
F3	(E4)	–/2	: Cooling fan motor (Without A/C)	D1, D2	(E43)	GY/2	: Brake fluid level switch
F3	(E5)	B/2	: Resistor (With A/C)	D2	(E44)	GY/6	: Front wiper motor
G3	(E6)	GY/2	: Dropping resistor (With A/T)	D3, E3	(E45)	B/26	: ABS actuator and electric unit (Control unit) (Without ESP)
G4	(E7)	B/2	: Front fog lamp LH (With front fog lamp)	D2, E2	(E46)	–	: Body ground (Without ESP)
G3	(E8)	GY/2	: Front turn signal lamp LH	E3, F3	(E47)	SMJ	: ABS actuator and electric unit (Control unit) (With ESP)
E3	(E9)	B/1	: After market alarm unit (Hood switch) (RHD models)	D2, E2	(E48)	–	: Body ground (With ESP)
E5	(E10)	B/2	: IPDM E/R (Intelligent power distribution module engine room)	F2	(E49)	SMJ	: ECM
E5	(E11)	B/6	: IPDM E/R (Intelligent power distribution module engine room)	F2	(E50)	SMJ	: To (F1)
F5	(E12)	W/6	: IPDM E/R (Intelligent power distribution module engine room)	B1	(E51)	W/3	: Horn relay
F5	(E13)	BR/12	: IPDM E/R (Intelligent power distribution module engine room)	G4	(E52)	B/2	: Outside air temperature sensor (With drive computer)
F5	(E14)	W/16	: IPDM E/R (Intelligent power distribution module engine room)	E1	(E101)	SMJ	: To (M1)
G5	(E15)	BR/8	: IPDM E/R (Intelligent power distribution module engine room)	E1	(E102)	Y/4	: To (M2) (Without ESP)
G5	(E16)	W/12	: IPDM E/R (Intelligent power distribution module engine room)	F1	(E103)	B/2	: To (M3)
G5	(E17)	W/8	: IPDM E/R (Intelligent power distribution module engine room)	E1	(E104)	W/2	: To (M4) (With headlamp washer and without ESP)
G2	(E18)	BR/2	: Fusible link holder	F1	(E105)	W/24	: TCM (With A/T)
F2	(E19)	GY/2	: Fusible link holder	F1	(E106)	GY/24	: TCM (With A/T)
F1	(E20)	B/3	: Headlamp aiming motor LH	E1	(E107)	B/6	: Accelerator pedal position sensor (LHD models)
G2	(E21)	B/3	: Headlamp LH	D1	(E108)	B/2	: Stop lamp switch (LHD models with M/T)
G1	(E22)	B/2	: Parking lamp LH	D1	(E109)	W/4	: Stop lamp switch (LHD models with A/T)
G2	(E23)	B/2	: Front wheel sensor LH	F1	(E112)	W/16	: To (B59) (With ESP)
F1	(E24)	W/2	: Side turn signal lamp LH	E1	(E113)	W/5	: Headlamp washer relay
G2	(E25)	–	: Body ground				(With headlamp washer and with ESP)
G2	(E26)	–	: Body ground				
E3	(E27)	Y/2	: Crash zone sensor				
E4	(E28)	B/3	: Refrigerant pressure sensor (With A/C)				
F4	(E29)	B/2	: Ambient sensor (With A/C)				
G4	(E30)	B/1	: Horn (–)				
F4	(E31)	B/1	: Horn (+)				
D4	(E32)	GY/2	: Front turn signal lamp RH				
E5	(E33)	–/2	: Headlamp washer motor (With headlamp washer)				
E4	(E34)	B/2	: Front fog lamp RH (With front fog lamp)				
B2	(E35)	–/2	: Side turn signal lamp RH				
D5	(E36)	B/2	: Washer motor				
D2	(E37)	B/2	: Parking lamp RH				
C3	(E38)	B/2	: Front wheel sensor RH				
D3	(E39)	B/3	: Headlamp aiming motor RH				

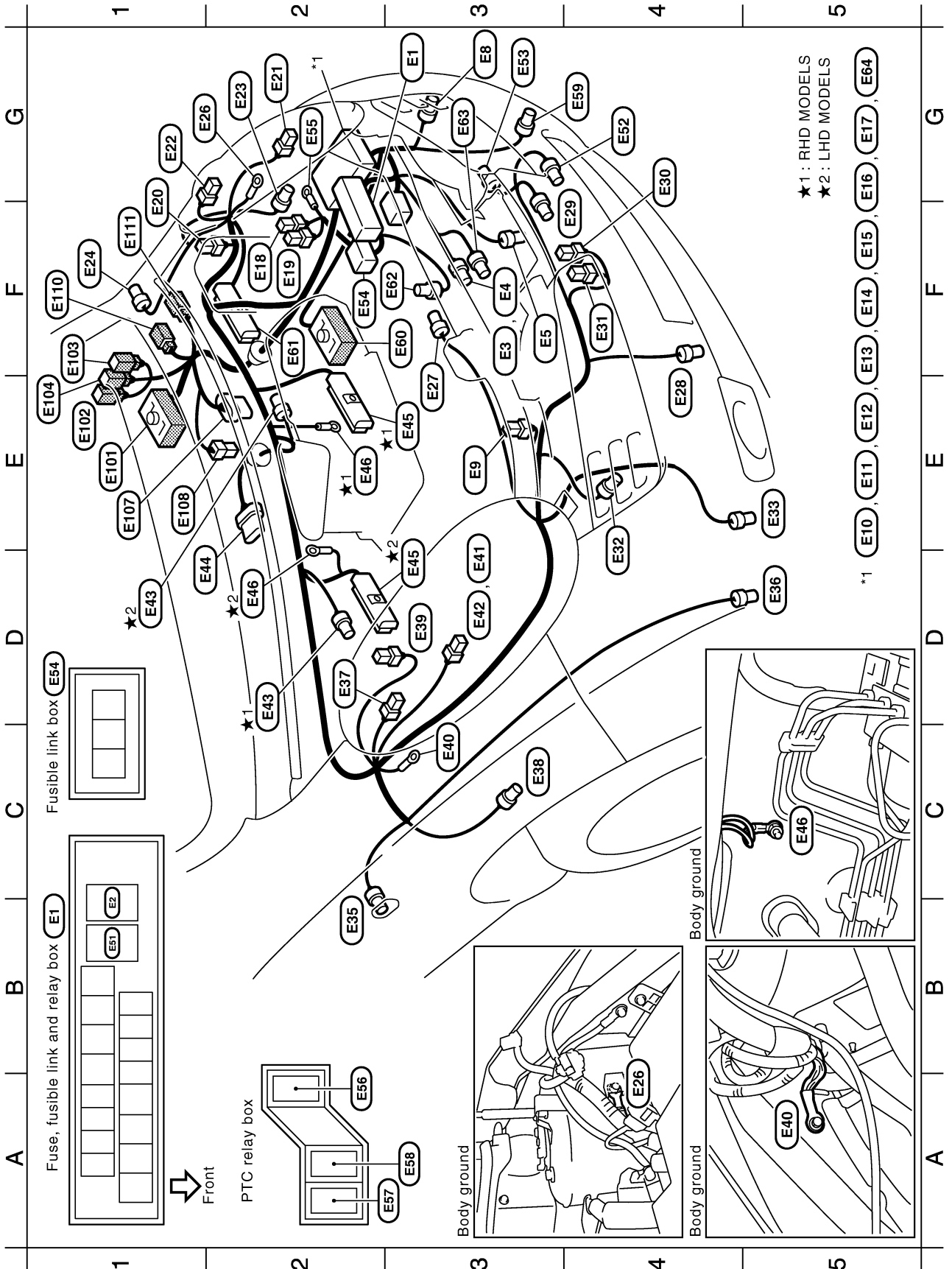
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MKWA1857E

HARNESS

ENGINE ROOM HARNESS/K9K ENGINE MODELS

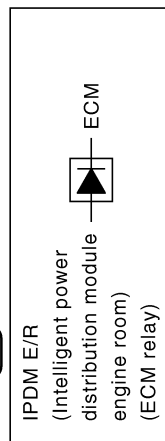
To ESM



MKWA1858E

G3	(E1)	–	: Fuse, fusible link and relay box	C3	(E40)	–	: Body ground
B1	(E2)	W/5	: Daytime light relay (With daytime light system)	D3	(E41)	B/3	: Headlamp RH (With daytime light system)
F3	(E3)	B/2	: Cooling fan motor-1 (With A/C and with PTC heater)	D3	(E42)	B/3	: Headlamp RH (Without daytime light system)
F3	(E4)	–/2	: Cooling fan motor-2 (Without A/C)	C2, D1	(E43)	GY/2	: Brake fluid level switch
F3	(E5)	B/2	: Resistor (With A/C and with PTC heater)	D2	(E44)	GY/6	: Front wiper motor
G3	(E8)	GY/2	: Front turn signal lamp LH	D3, E3	(E45)	B/26	: ABS actuator and electric unit (Control unit)
E3	(E9)	B/1	: After market alarm unit (Hood switch) (RHD models)	D2, E2	(E46)	–	: Body ground
E5	(E10)	B/2	: IPDM E/R (Intelligent power distribution module engine room)	B1	(E51)	W/3	: Horn relay
E5	(E11)	B/6	: IPDM E/R (Intelligent power distribution module engine room)	G4	(E52)	B/2	: Outside air temperature sensor
F5	(E12)	W/6	: IPDM E/R (Intelligent power distribution module engine room)	G3	(E53)	B/2	: Outside air temperature sensor (With PTC heater)
F5	(E13)	BR/12	: IPDM E/R (Intelligent power distribution module engine room)	F2	(E54)	–	: Fusible link box
F5	(E14)	W/16	: IPDM E/R (Intelligent power distribution module engine room)	G2	(E55)	–	: Fusible link holder
G5	(E15)	BR/8	: IPDM E/R (Intelligent power distribution module engine room)	A2	(E56)	–/4	: PTC heater relay 1 (With PTC heater)
G5	(E16)	W/12	: IPDM E/R (Intelligent power distribution module engine room)	A3	(E57)	–/4	: PTC heater relay 2 (With PTC heater)
G5	(E17)	W/8	: IPDM E/R (Intelligent power distribution module engine room)	A3	(E58)	–/4	: PTC heater relay 3 (With PTC heater)
F2	(E18)	BR/2	: Fusible link holder	G4	(E59)	GY/1	: After market front fog lamp (Option connector)
F2	(E19)	GY/2	: Fusible link holder	F2	(E60)	SMJ	: To (F101)
F1	(E20)	B/3	: Headlamp aiming motor LH	F2	(E61)	SMJ	: ECM
G2	(E21)	B/3	: Headlamp LH	F3	(E62)	GY/1	: To (F103)
G1	(E22)	B/2	: Parking lamp LH	G3	(E63)	–/2	: Cooling fan motor-2 (With PTC heater)
G2	(E23)	B/2	: Front wheel sensor LH	G5	(E64)	W/2	: Diode
F1	(E24)	W/2	: Side turn signal lamp LH	E1	(E101)	SMJ	: To (M1)
G1	(E26)	–	: Body ground	E1	(E102)	Y/4	: To (M2)
E3	(E27)	Y/2	: Crash zone sensor	F1	(E103)	B/2	: To (M3)
E4	(E28)	B/3	: Refrigerant pressure sensor (With A/C)	E1	(E104)	W/2	: To (M4) (With headlamp washer)
F4	(E29)	B/2	: Ambient sensor (With auto A/C)	E1	(E107)	B/6	: Accelerator pedal position sensor (LHD models)
G4	(E30)	B/1	: Horn (–)	E1	(E108)	B/2	: Stop lamp switch (LHD models)
F4	(E31)	B/1	: Horn (+)	F1	(E110)	B/1	: PTC heater
D4	(E32)	GY/2	: Front turn signal lamp RH	F1	(E111)	B/2	: PTC heater
E5	(E33)	–/2	: Headlamp washer motor (With headlamp washer)				
B2	(E35)	W/2	: Side turn signal lamp RH				
D5	(E36)	B/2	: Washer motor				
D2	(E37)	B/2	: Parking lamp RH				
C3	(E38)	B/2	: Front wheel sensor RH				
D3	(E39)	B/3	: Headlamp aiming motor RH				

Diode (E64)



HARNESS

ENGINE CONTROL HARNESS/CR ENGINE MODELS

To ESM



MKWA1476E

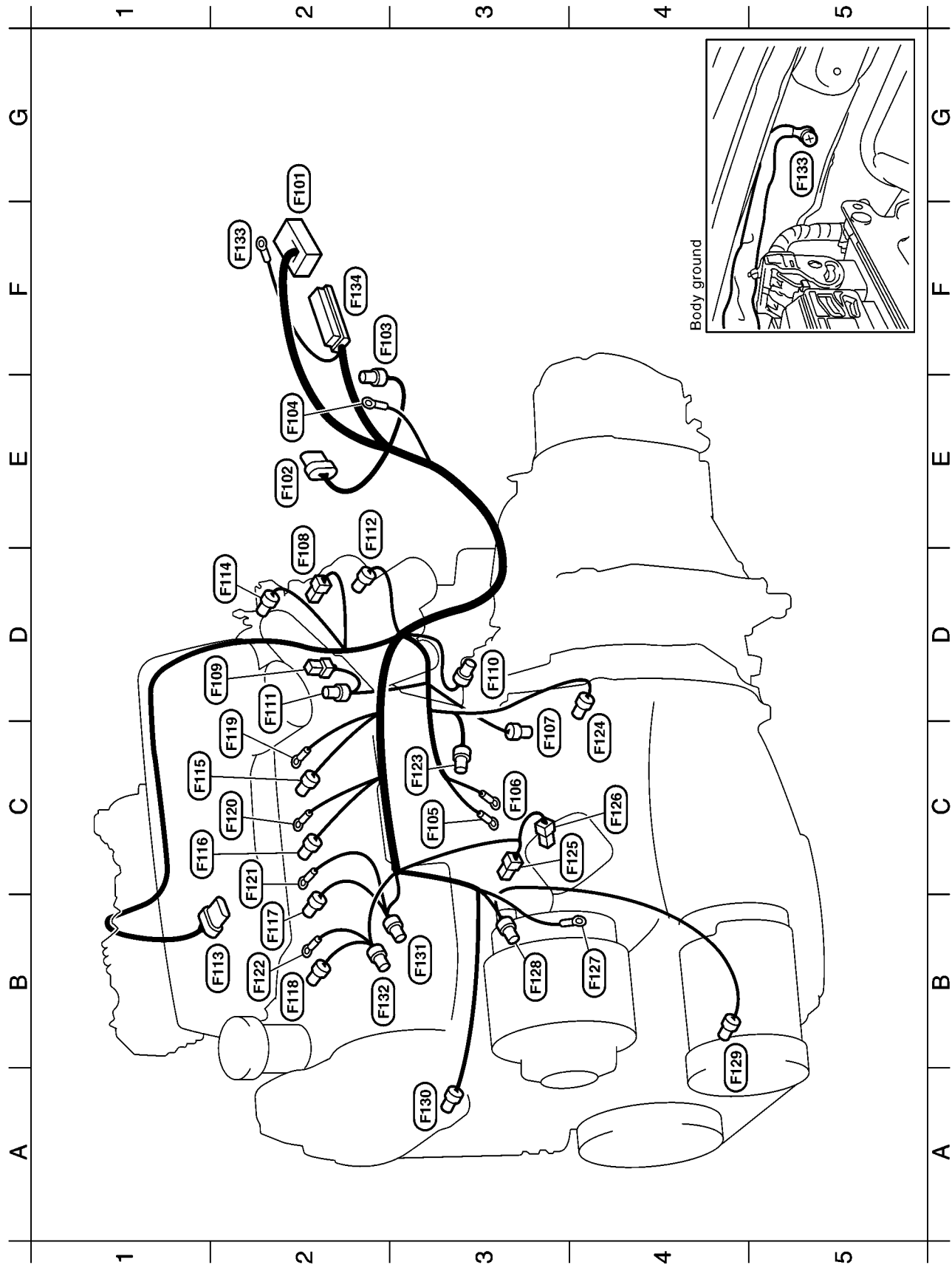
★ E2	(F1)	SMJ	:	To (E50)
★ F2	(F2)	SMJ	:	ECM
F2	(F3)	—	:	Fusible link holder
F2	(F4)	—	:	Fusible link holder
D2	(F6)	—	:	Starter motor (Except for cold area)
D2	(F7)	—	:	Starter motor (For cold area)
E2	(F8)	—	:	Starter motor (Except for cold area)
E3	(F9)	B/1	:	Starter motor (For cold area)
F3	(F10)	G/3	:	Park/neutral position switch (With M/T)
★ F2	(F11)	BR/3	:	Revolution sensor (With A/T)
★ F4	(F12)	B/10	:	Park/neutral position switch (With A/T)
★ G4	(F13)	B/8	:	Terminal cord assembly (With A/T)
★ E2	(F14)	B/3	:	Camshaft position sensor
E2	(F15)	—	:	Engine ground
★ D2	(F16)	GY/4	:	Manifold absolute pressure sensor
★ E2	(F17)	L/2	:	EVAP canister purge volume control solenoid valve
★ C3	(F18)	GY/2	:	Injector No. 1
★ D3	(F19)	GY/2	:	Injector No. 2
★ D2	(F20)	GY/2	:	Injector No. 3
★ E2	(F21)	GY/2	:	Injector No. 4
★ D3	(F22)	G/2	:	Intake valve timing control solenoid valve
★ E2	(F23)	GY/2	:	Engine coolant temperature sensor
★ E4	(F24)	G/4	:	Heated oxygen sensor 2
D3	(F25)	B/1	:	Oil pressure switch
C3	(F26)	W/2	:	Condenser
★ D3	(F27)	B/2	:	Knock sensor
D5	(F28)	B/1	:	Compressor (With A/C)
E4	(F29)	GY/2	:	Alternator
E4	(F30)	—	:	Alternator
E4	(F31)	—	:	Alternator (E)
D4	(F32)	—	:	Body ground
D4	(F33)	GY/3	:	Ignition coil No. 1
E3	(F34)	GY/3	:	Ignition coil No. 2
E3	(F35)	GY/3	:	Ignition coil No. 3
E3	(F36)	GY/3	:	Ignition coil No. 4
★ E3	(F37)	G/4	:	Heated oxygen sensor 1
★ E2	(F38)	G/3	:	Crankshaft position sensor
★ C2	(F39)	B/6	:	Electric throttle control actuator

★ : Be sure to connect and lock the connectors securely after repair work.
Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

HARNESS

ENGINE CONTROL HARNESS/K9K ENGINE MODELS

To ESM



MKWA3116E

HARNESS

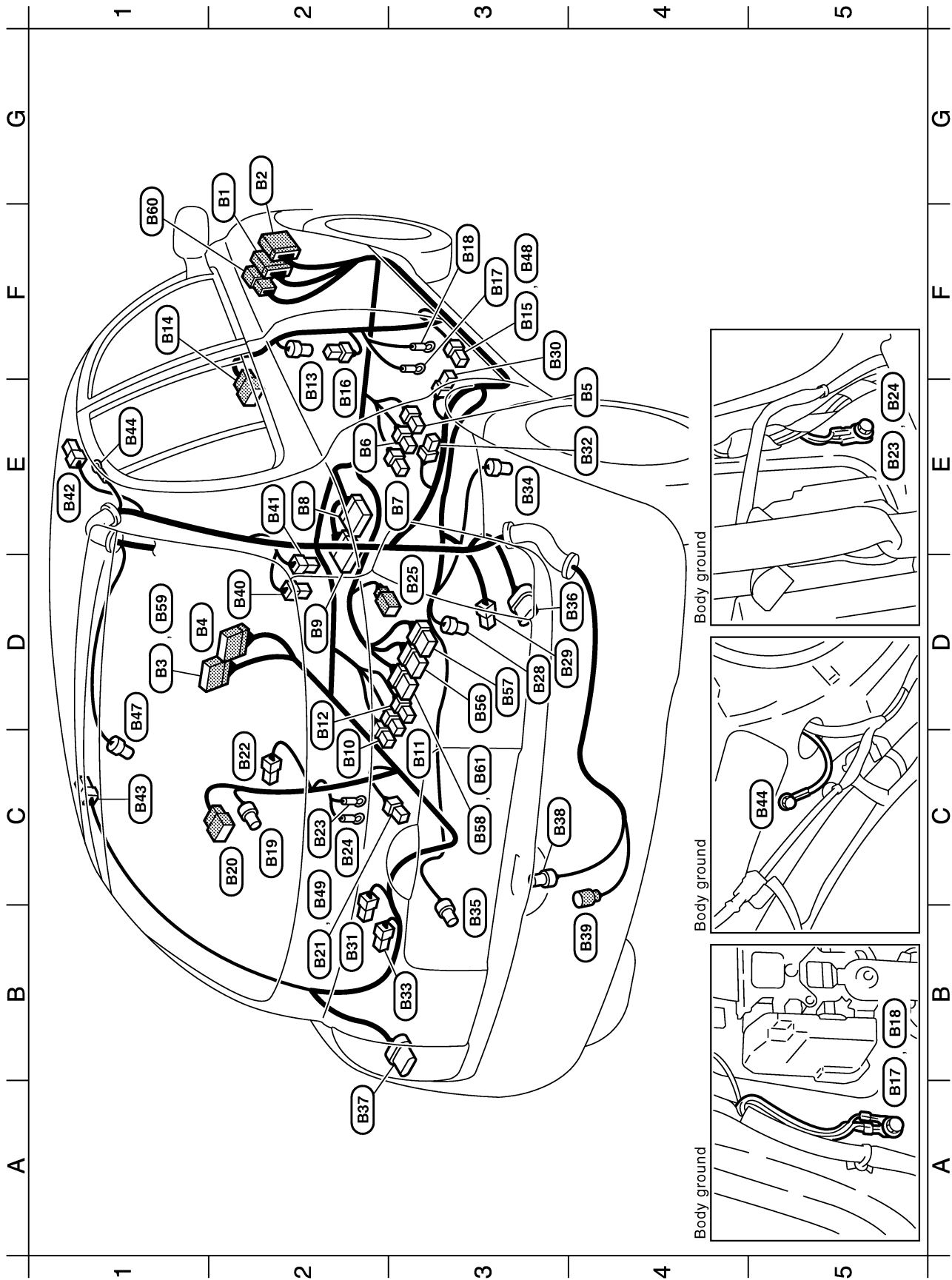
G2	(F101)	SMJ	:	To (E60)
E2	(F102)	B/8	:	Glow relay
F2	(F103)	GY/1	:	To (E62)
E2	(F104)	—	:	Fusible link holder
C3	(F105)	—	:	Starter motor
C3	(F106)	—	:	Starter motor
C3	(F107)	G/3	:	Park/neutral position switch
D2	(F108)	—/2	:	Charge air temperature sensor (Without intercooler)
D2	(F109)	—/2	:	Intake air temperature sensor
D3	(F110)	B/2	:	Crankshaft position sensor (POS)
D2	(F111)	—/4	:	Engine coolant temperature sensor
E2	(F112)	—/4	:	Charge air pressure sensor (With intercooler)
B2	(F113)	—/6	:	EGR volume control solenoid valve
D2	(F114)	—/3	:	Charge air pressure sensor (Without intercooler)
C2	(F115)	—/2	:	Fuel injector No. 1
C2	(F116)	—/2	:	Fuel injector No. 2
B2	(F117)	—/2	:	Fuel injector No. 3
B2	(F118)	—/2	:	Fuel injector No. 4
C2	(F119)	B/1	:	Glow plug No. 1
C2	(F120)	B/1	:	Glow plug No. 2
C2	(F121)	B/1	:	Glow plug No. 3
B2	(F122)	B/1	:	Glow plug No. 4
C3	(F123)	B/3	:	Common rail fuel pressure sensor
C4	(F124)	W/1	:	Oil pressure switch
C3	(F125)	B/2	:	Knock sensor (Accelometer)
C4	(F126)	B/2	:	Oil level sensor
B4	(F127)	—	:	Alternator (B)
B3	(F128)	B/2	:	Alternator (S), (L)
B4	(F129)	GY/2	:	Compressor (With A/C)
A3	(F130)	B/3	:	Camshaft sensor
B3	(F131)	BR/2	:	Fuel flow actuator
B2	(F132)	G/2	:	Fuel temperature sensor
F2	(F133)	—	:	Body ground
F2	(F134)	—/80	:	ECM

MKWA3117E

HARNESS

BODY HARNESS

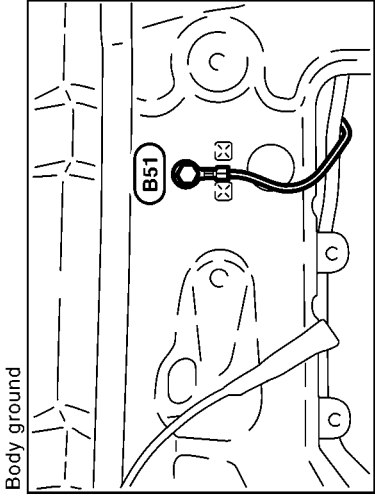
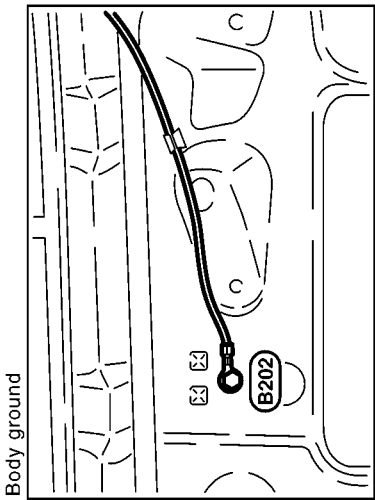
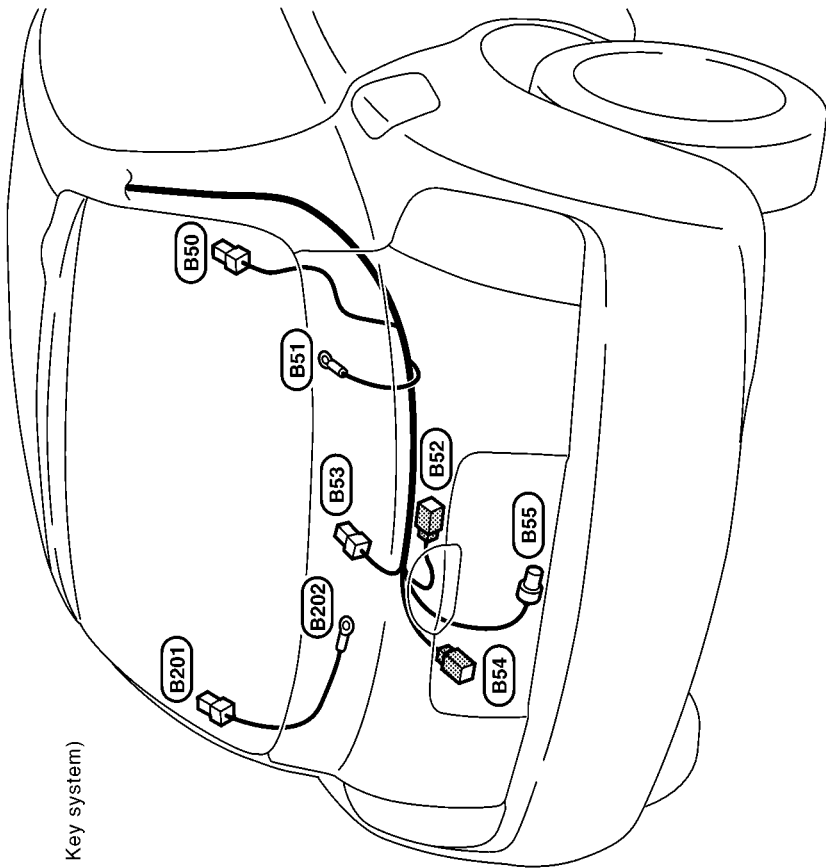
To ESM



MKWA1863E

G2	B1	W/10	:	To M10	D2	B40	B/1	:	Luggage room lamp (+)
G2	B2	W/24	:	To M9	E2	B41	B/1	:	Luggage room lamp
D1	B3	W/10	:	To M8	E1	B42	Y/2	:	RH side curtain air bag module (With curtain air bag)
D2	B4	W/12	:	To M7	C1	B43	Y/2	:	LH side curtain air bag module (With curtain air bag)
E4	B5	W/2	:	Seat belt buckle switch RH	E1	B44	–	:	Body ground
E2	B6	W/3	:	Heated seat RH (With heated seat)	C1	B47	B/2	:	High-mounted stop lamp
E3	B7	BR/2	:	Front RH side air bag module	F3	B48	Y/2	:	Front RH seat belt pre-tensioner (With 3 doors)
E2	B8	Y/12	:	Air bag diagnosis sensor unit	B2	B49	Y/2	:	Front LH seat belt pre-tensioner (With 3 doors)
D2	B9	Y/12	:	Air bag diagnosis sensor unit	D3	B56	BR/6	:	Heated seat switch RH (With heated seat)
C2	B10	W/2	:	Seat belt buckle switch LH	D3	B57	W/6	:	Heated seat switch LH (With heated seat)
C3	B11	W/3	:	Heated seat LH (With heated seat)	C3	B58	W/6	:	Door lock/unlock switch (Without ESP)
D2	B12	BR/2	:	Front LH side air bag module	D1	B59	W/16	:	To E112
F2	B13	Y/2	:	RH side air bag (satellite) sensor	F1	B60	W/6	:	To M88
F1	B14	W/6	:	To D81	C3	B61	B/6	:	Yaw rate/side G sensor (With ESP)
F3	B15	B/2	:	Front RH seat belt pre-tensioner (With 5 doors)					
E2	B16	W/3	:	Front door switch RH					
F3	B17	–	:	Body ground					
F3	B18	–	:	Body ground					
C2	B19	Y/2	:	LH side air bag (satellite) sensor					
C2	B20	W/6	:	To D61					
B2	B21	B/2	:	Front LH seat belt pre-tensioner (With 5 doors)					
C2	B22	W/3	:	Front door switch LH					
C2	B23	–	:	Body ground					
C2	B24	–	:	Body ground					
D3	B25	GY/2	:	Inside key antenna (Center console) (With Intelligent Key system)					
D3	B28	GY/4	:	Fuel level sensor unit and fuel pump					
D3	B29	BR/2	:	Inside key antenna (Luggage room) (With Intelligent Key system)					
F3	B30	W/1	:	Rear door switch RH (With 5 doors)					
B2	B31	W/1	:	Rear door switch LH (With 5 doors)					
E4	B32	BR/2	:	Rear door speaker RH (3 doors with 6 speakers)					
B3	B33	BR/2	:	Rear door speaker LH (3 doors with 6 speakers)					
E3	B34	B/2	:	Rear wheel sensor RH					
B3	B35	B/2	:	Rear wheel sensor LH					
D4	B36	B/6	:	Rear combination lamp RH					
A2	B37	B/6	:	Rear combination lamp LH					
C3	B38	B/2	:	License plate lamp					
B4	B39	GY/2	:	Outside antenna (Back door) (With Intelligent Key system)					

- B50 B/1 : Rear window defogger (+)
- B51 - : Body ground
- B52 W/2 : External back door release switch
- B53 W/3 : Rear wiper motor
- B54 BR/2 : Door request switch (Back door) (With Intelligent Key system)
- B55 W/4 : Back door release actuator
- B201 B/1 : Rear window defogger (-)
- B202 - : Body ground



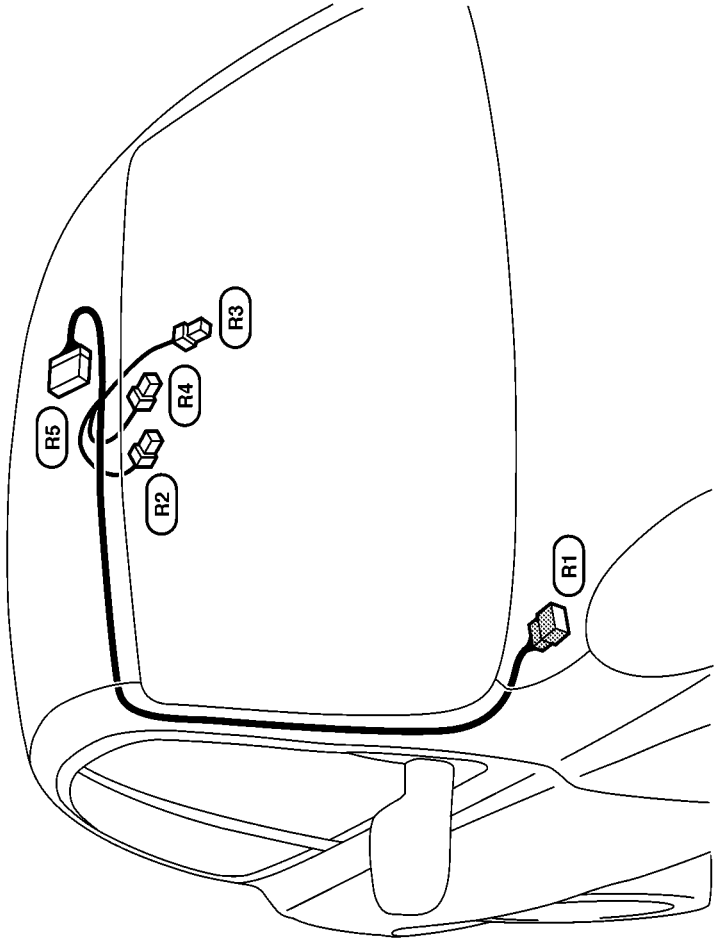
MKWA1482E

HARNESS

ROOM LAMP HARNESS

To ESM

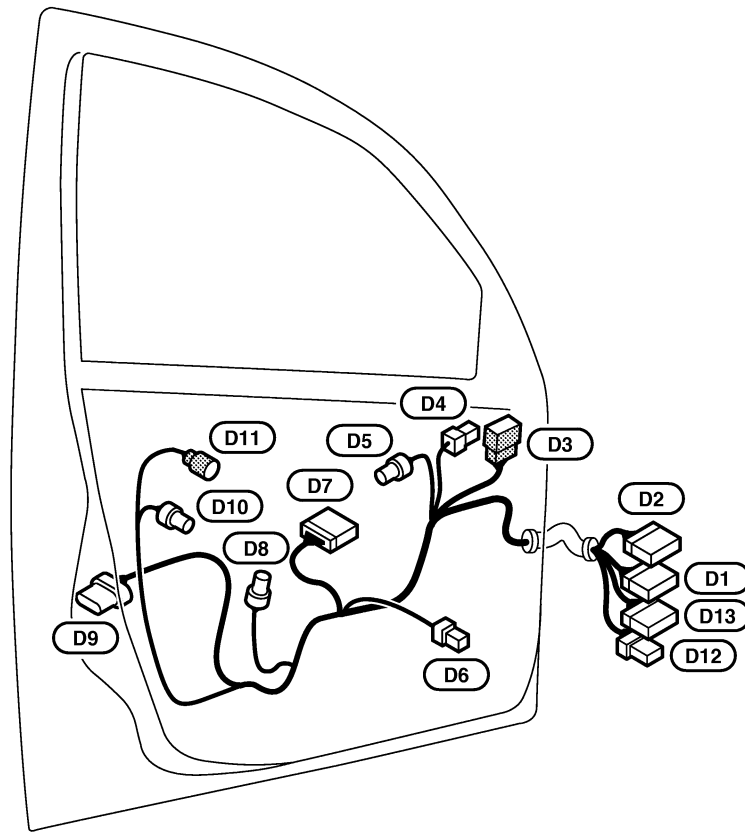
- R1 W/8 : To M54
- R2 W/6 : Interior room lamp
- R3 B/3 : Rain sensor (With rain sensor)
- R4 W/3 : Sunroof switch (With sunroof)
- R5 GY/10 : Sunroof motor assembly (With sunroof)



HARNESS

FRONT DOOR HARNESS LH SIDE/LHD MODELS

To ESM

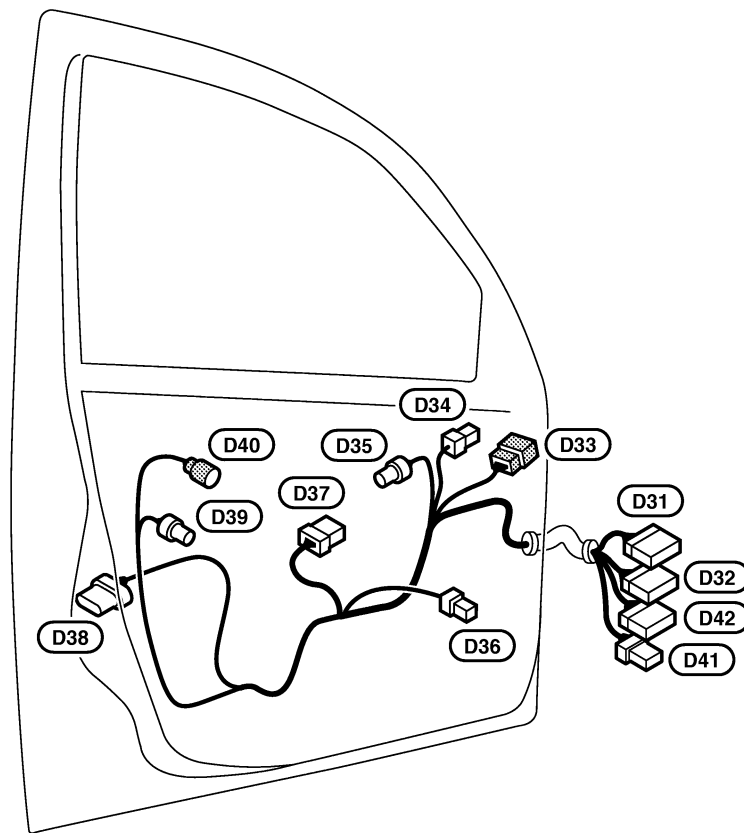


- (D1) W/10 : To (M6) (Without ESP)
- (D2) W/12 : To (M5) (Without ESP)
- (D3) GY/6 : Door mirror actuator (Driver side)
- (D4) BR/2 : Tweeter LH (With 6 speakers)
- (D5) GY/2 : Front power window motor (Driver side)
- (D6) W/2 : Front door speaker LH
- (D7) W/16 : Power window main switch
- (D8) BR/2 : Intelligent Key warning buzzer (With Intelligent Key system)
- (D9) B/6 : Door lock actuator (Driver side)
- (D10) GY/2 : Door request switch (Driver side) (With Intelligent Key system)
- (D11) W/2 : Outside antenna (Driver side) (With Intelligent Key system)
- (D12) GY/6 : To (M86) (With ESP)
- (D13) W/12 : To (M87) (With ESP)

HARNESS

FRONT DOOR HARNESS LH SIDE/RHD MODELS

To ESM



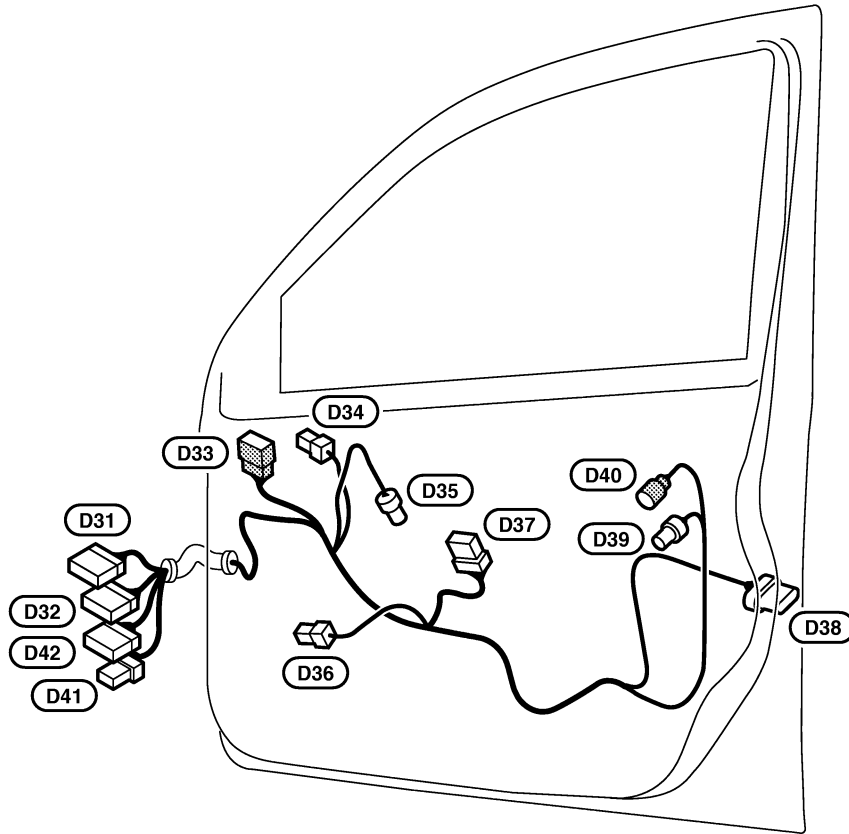
- (D31) W/10 : To (M56) (Without ESP)
- (D32) W/12 : To (M55) (Without ESP)
- (D33) GY/6 : Door mirror actuator (Passenger side)
- (D34) BR/2 : Tweeter LH (With 6 speakers)
- (D35) GY/2 : Front power window motor (Passenger side)
- (D36) W/2 : Front door speaker LH
- (D37) W/8 : Front power window switch (Passenger side)
- (D38) B/6 : Door lock actuator (Passenger side)
- (D39) GY/2 : Door request switch (Passenger side) (With Intelligent Key system)
- (D40) W/2 : Outside antenna (Passenger side) (With Intelligent Key system)
- (D41) GY/6 : To (M83) (With ESP)
- (D42) W/12 : To (M84) (With ESP)

MKWA1866E

HARNESS

FRONT DOOR HARNESS RH SIDE/LHD MODELS

To ESM

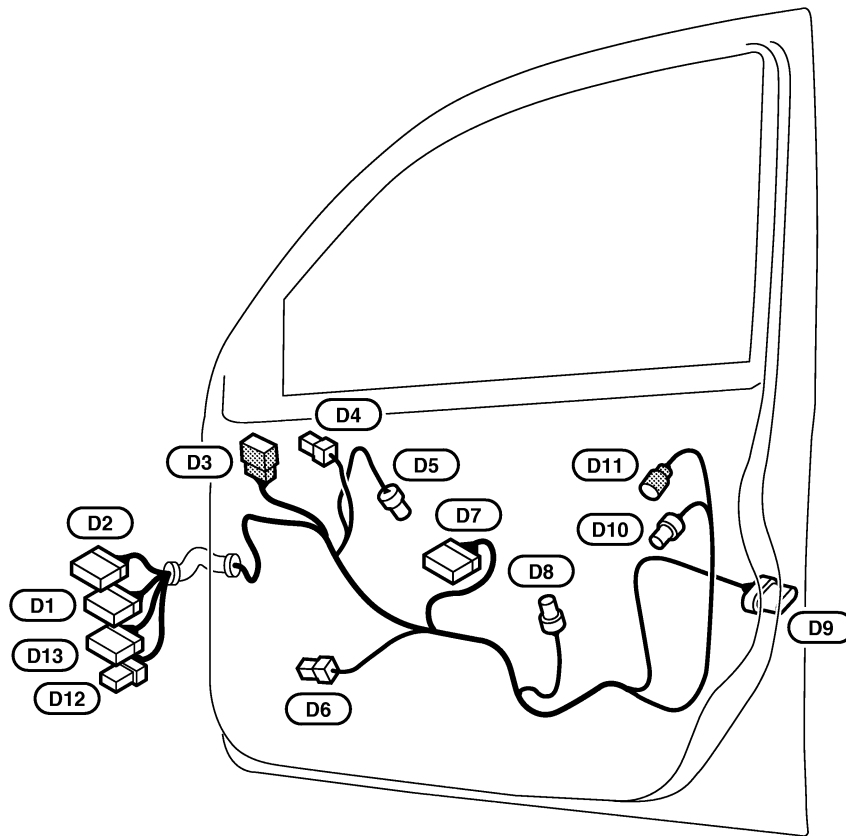


- (D31) W/10 : To (M56) (Without ESP)
- (D32) W/12 : To (M55) (Without ESP)
- (D33) GY/6 : Door mirror actuator (Passenger side)
- (D34) BR/2 : Tweeter RH (With 6 speakers)
- (D35) GY/2 : Front power window motor (Passenger side)
- (D36) W/2 : Front door speaker RH
- (D37) W/8 : Front power window switch (Passenger side)
- (D38) B/6 : Door lock actuator (Passenger side)
- (D39) GY/2 : Door request switch (Passenger side) (With Intelligent Key system)
- (D40) W/2 : Outside antenna (Passenger side) (With Intelligent Key system)
- (D41) GY/6 : To (M83) (With ESP)
- (D42) W/12 : To (M84) (With ESP)

HARNESS

FRONT DOOR HARNESS RH SIDE/RHD MODELS

To ESM



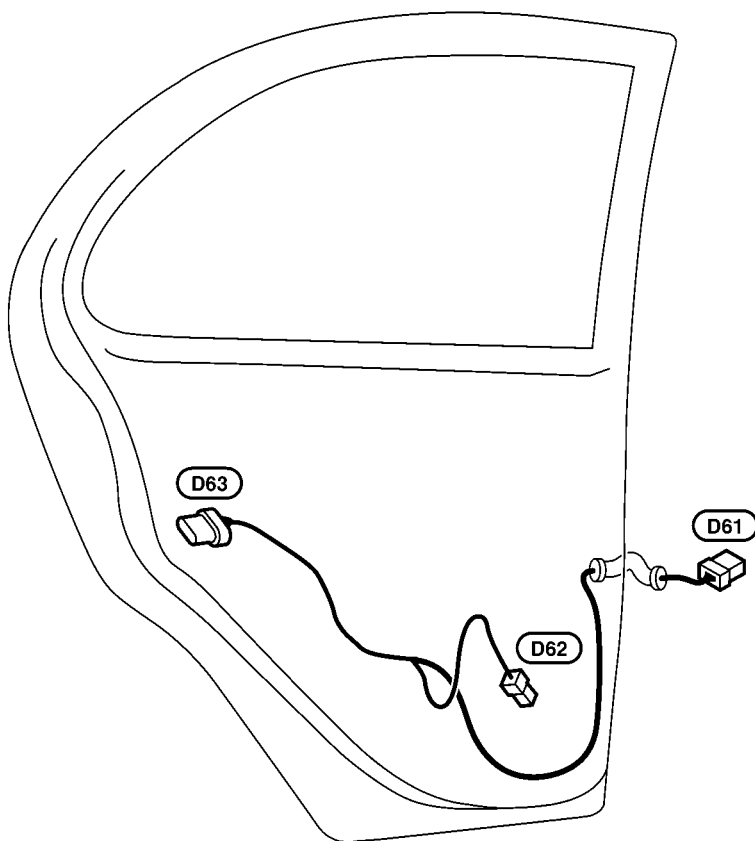
- (D1) W/10 : To (M6) (Without ESP)
- (D2) W/12 : To (M5) (Without ESP)
- (D3) GY/6 : Door mirror actuator (Driver side)
- (D4) BR/2 : Tweeter RH (With 6 speakers)
- (D5) GY/2 : Front power window motor (Driver side)
- (D6) W/2 : Front door speaker RH
- (D7) W/16 : Power window main switch
- (D8) BR/2 : Intelligent Key warning buzzer (With Intelligent Key system)
- (D9) B/6 : Door lock actuator (Driver side)
- (D10) GY/2 : Door request switch (Driver side) (With Intelligent Key system)
- (D11) W/2 : Outside antenna (Driver side) (With Intelligent Key system)
- (D12) GY/6 : To (M86) (With ESP)
- (D13) W/12 : To (M87) (With ESP)

MKWA1868E

HARNESS

REAR DOOR HARNESS LH

To ESM

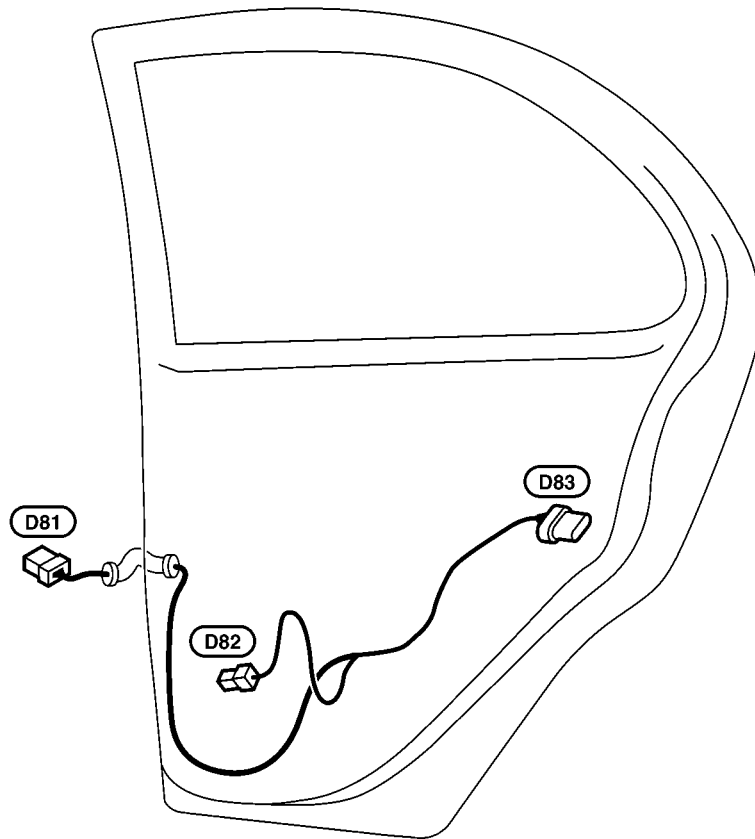


- D61** W/6 : To **B20**
- D62** W/2 : Rear door speaker LH (With 6 speakers)
- D63** B/6 : Rear door lock actuator LH

HARNESS

REAR DOOR HARNESS RH

To ESM



- (D81) W/6 : To (B14)
- (D82) W/2 : Rear door speaker RH (With 6 speakers)
- (D83) B/6 : Rear door lock actuator RH