
OUTLINE OF CHANGES

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WIRING HARNESS CONFIGURATION DIAGRAMS

Connector symbol	Name	Reference page	Description of changes	
A	ENGINE COMPARTMENT	4G1 engine <L.H. drive vehicles>	2-2	<ul style="list-style-type: none"> ● The mounting positions for the front turn signal lamp connectors (LH, RH) (A-24, 43) have been changed. ● The following connectors have been removed due to the changes and abolishments of each system. <ul style="list-style-type: none"> ● Horn (HI) (A-35) ● Washer fluid level sensor (A-44) ● Spare connector for front fog lamp (A-79)
		4G1 engine <R.H. drive vehicles>	2-4	
		F9Q1 engine <L.H. drive vehicles>	2-6	
		F9Q1 engine <R.H. drive vehicles>	2-8	
B	DASH PANEL	L.H. drive vehicles	2-10	<ul style="list-style-type: none"> ● As the instrument panel wiring harness has been integrated with the body wiring harness, the following connectors have been changed. <ul style="list-style-type: none"> ● A hazard switch connector (B-98) has been added. ● An ashtray assembly connector (B-100) has been added. ● The body wiring harness and instrument panel wiring harness combination (B-40) has been removed. ● The name of B-68 connector has been changed from the J/B and instrument panel wiring harness combination to the J/B and body wiring harness combination. ● As the vehicles with 4G93 engine have been abolished, the following connectors have been changed. <ul style="list-style-type: none"> ● The throttle valve controller connector <4G93> (B-15) has been removed. ● The throttle valve control relay connector <4G93> (B-32) has been removed. ● The clutch switch connector <4G93> (B-96) has been removed. ● The names of B-84, 86, 87 connectors have been changed from the engine-ECU <4G93-M/T> or Engine-A/T-ECU <A/T> to the engine-A/T-ECU. ● The name of B-94 connector has been changed from the accelerator pedal position sensor <4G93> to the no connection. ● The following connectors have been changed due to the change of the A/C-ECU. <ul style="list-style-type: none"> ● An A/C-ECU connector (B-99) has been added. ● An air thermo sensor connector (B-101) has been added. ● The A/C switch connector (B-06) has been removed. ● The blower control illumination lamp connector (B-13) has been removed. ● The automatic compressor-ECU connector (B-16) has been removed. ● The rheostat connector (B-50) has been removed. ● The spare connector for front fog lamp (B-82) has been removed.
		R.H. drive vehicles	2-14	

Connector symbol	Name		Reference page	Description of changes
C	IN-STRUMENT PANEL	L.H. drive vehicles	–	<ul style="list-style-type: none"> As the instrument panel wiring harness has been integrated with the body wiring harness, the contents for the instrument panel C have been deleted.
		R.H. drive vehicles	–	
D	FLOOR AND ROOF	L.H. drive vehicles	2-18	<ul style="list-style-type: none"> As the sunroof system has been changed, the name of D-06 connector has been changed from the sunroof-ECU to the sunroof assembly. As the rear end wiring harness has been integrated with the body wiring harness, the body wiring harness and rear end wiring harness combination (D-16) has been removed. As the vehicles with 4G93 engine have been abolished, the oxygen sensor connector (rear) <4G93> (D-22) has been removed. No connection connector (D-30) has been added.
		R.H. drive vehicles	2-20	
E	DOOR	L.H. drive vehicles	–	<ul style="list-style-type: none"> The following connectors have been removed due to the changes and the abolishments of each system. <ul style="list-style-type: none"> Door lock key cylinder switch (Passenger's side) (E-16) Tweeter (LH) (E-23) Tweeter (RH) (E-24)
		R.H. drive vehicles	–	
F	LUGGAGE COMPARTMENT	–	2-22	<ul style="list-style-type: none"> As the rear end wiring harness has been integrated with the body wiring harness, the names of the F-04, 05 connectors have been changed from the rear end wiring harness and gate wiring harness to the body wiring harness and gate wiring harness combination. As the door lock system has been changed, the rear gate lock key cylinder switch connector (F-11) has been removed.

SINGLE PART INSTALLATION POSITION

Location of change	Reference page	Description of change
ECU	3-2	<ul style="list-style-type: none"> An A/C-ECU has been added.

CIRCUIT DIAGRAMS

Main circuit	Subtitle	Reference page	Description of changes
J/B	–	–	<ul style="list-style-type: none"> As the instrument panel wiring harness has been integrated with the body wiring harness, the name of B-68 connector has been changed from the J/B and instrument panel wiring harness combination to the J/B and body wiring harness combination.
ENGINE CONTROL SYSTEM	F9Q1 engine	–	<ul style="list-style-type: none"> Wire 1B-W between dedicated fuse No. 9 and the front wiring harness and control wiring harness combination (A-23) has been abolished.
COOLING SYSTEM	F9Q1 engine	–	
INVECS-II 4A/T	4G1 engine	4-2	<ul style="list-style-type: none"> The circuit has been changed due to the abolishment of the rheostat.
TAIL LAMP, POSITION LAMP, LICENSE PLATE LAMP AND LIGHTING MONITOR BUZZER	Vehicles without daytime running lamp	4-10	<ul style="list-style-type: none"> The circuit has been changed as the rear end wiring harness has been integrated with the body wiring harness.
	Vehicles with daytime running lamp	4-14	
FRONT FOG LAMP	Vehicles without daytime running lamp	4-18	<ul style="list-style-type: none"> The circuit has been changed due to the abolishment of the rheostat.
	Vehicles with daytime running lamp	4-20	
REAR FOG LAMP	Vehicles without daytime running lamp	4-22	<ul style="list-style-type: none"> The circuit has been changed due to the following changes. <ul style="list-style-type: none"> The rear end wiring harness has been integrated with the body wiring harness. The rheostat has been abolished.
	Vehicles with daytime running lamp	4-26	
ROOM LAMP, MAP LAMP AND LUGGAGE COMPARTMENT LAMP	Vehicles without keyless entry system	4-30	<ul style="list-style-type: none"> The circuit has been changed as the rear end wiring harness has been integrated with the body wiring harness. The earth point from J/B connector (B-78) terminal No.13 has been changed from earth No. 6 to No. 9. <LHD>
	Vehicles with keyless entry system	4-32	
TURN-SIGNAL LAMP AND HAZARD WARNING LAMP	–	4-34	<ul style="list-style-type: none"> The circuit has been changed as the instrument panel wiring harness and the rear end wiring harness have been integrated with the body wiring harness.
STOP LAMP	–	4-37	<ul style="list-style-type: none"> The circuit has been changed as the rear end wiring harness has been integrated with the body wiring harness.
BACK-UP LAMP	Petrol-powered vehicles	4-38	
	Diesel-powered vehicles	4-39	
HORN	–	–	<ul style="list-style-type: none"> The horn (H1) has been abolished.

Main circuit	Subtitle	Reference page	Description of changes
METER AND GAUGE	Petrol-powered vehicles	4-40	<ul style="list-style-type: none"> The wire colour between terminal No. 3 for the body wiring harness and fuel wiring harness combination (D-15) and earth No. 6 has been changed from black to pink. The wire colour between terminal No. 31 for the combination meter connector (B-01) and earth No. 6 has been changed from black to yellow. <RHD> The circuit has been changed due to the abolishment of the rheostat.
	Diesel-powered vehicles	4-44	
FUEL WARNING LAMP	-	-	<ul style="list-style-type: none"> The wire colour between terminal No. 3 for the body wiring harness and fuel wiring harness combination (D-15) and earth No.6 has been changed from black to pink. The wire colour between terminal No. 31 for the combination meter connector (B-01) and earth No. 6 has been changed from black to yellow. <RHD>
CENTRAL DOOR LOCKING SYSTEM	Vehicles without keyless entry system	4-46	<ul style="list-style-type: none"> The circuit has been changed as the rear end wiring harness has been integrated with the body wiring harness. The following circuits have been removed due to the change of the door lock system. <ul style="list-style-type: none"> Door lock key cylinder switch (passenger's side) circuit Rear gate lock key cylinder switch circuit
	Vehicles with keyless entry system	4-48	
HEATER	-	4-54	<ul style="list-style-type: none"> The circuit has been changed due to the change of the A/C-ECU.
MANUAL AIR CONDITIONER	4G1 engine	4-56	
	F9Q1 engine	4-60	
WINDSHIELD WIPER AND WASHER	-	-	<ul style="list-style-type: none"> The washer fluid level warning lamp has been abolished.
REAR WIPER AND WASHER	-	4-64	<ul style="list-style-type: none"> The circuit has been changed as the rear end wiring harness has been integrated with the body wiring harness.
DEFOGGER AND DOOR MIRROR HEATER	L.H. drive vehicles	4-66	<ul style="list-style-type: none"> The circuit has been changed due to the following changes. <ul style="list-style-type: none"> The A/C-ECU has been changed. The rheostat has been abolished. The rear end wiring harness has been integrated with the body wiring harness.
	R.H. drive vehicles	4-68	
REMOTE CONTROLLED MIRROR	-	4-70	<ul style="list-style-type: none"> The circuit has been changed due to the abolishment of the rheostat.
CIGARETTE LIGHTER	-	4-71	<ul style="list-style-type: none"> The circuit has been changed as the cigarette lighter connector has been integrated with the ashtray illumination lamp connector.

OUTLINE OF CHANGES – Circuit Diagrams

Main circuit	Subtitle	Reference page	Description of changes
MULTI CENTER DISPLAY	Vehicles without navigation system	4-72	<ul style="list-style-type: none"> The circuit has been changed due to the abolishments of the rheostat and the tweeter.
	Vehicles with navigation system	4-78	
SUNROOF	–	4-86	<ul style="list-style-type: none"> As the sunroof system has been changed, the sunroof-ECU has been changed to a sunroof assembly and the inner circuit has been changed. The earth point from terminal No. 13 for the J/B connector (B-78) has been changed from earth No. 6 to No. 9. <LHD>
HEATED SEAT	–	4-88	<ul style="list-style-type: none"> The circuit has been changed due to the abolishment of the rheostat.
SUPPLEMENTAL RESTRAINT SYSTEM	–	4-90	<ul style="list-style-type: none"> The connector shape of the air bag module connector (squib) (Driver's side) (B-54) has been changed.
IMMOBILIZER SYSTEM	Diesel-powered vehicles	–	<ul style="list-style-type: none"> Wire 1B-W between dedicated fuse No. 9 and the front wiring harness and control wiring harness combination (A-23) has been abolished.

TABLE OF CIRCUIT DIAGRAMS

This table of circuit diagrams indicates those circuits in which changes and/or additions, etc. have been made; the circuits are here listed in the sequence in which they are presented in the wiring diagrams. Please use this table for reference when following maintenance or repair procedures.

NOTE

- (1) A (Added) : This circuit has been newly added.
- (2) R (Revised) : This circuit has been changed.
- (3) D (Deleted) : This circuit has been deleted.
- (4) I (Included) : This circuit is included in the previous manual(s).
- (5) N (Not applicable) : This circuit is not applicable.
- (6) P (Previous manual): This circuit is not included, because it has not been changed.
Refer to the previous manual(s).
- (6) * : The title has been changed due to the addition of the 4G18 engine model.

Main circuit	Circuit classifications	Previous manual : Pub. No. EMXE99E1 (Basic)	This manual : Pub. No. EMXE99E1-A (Supplement)	This manual : Pub. No. EMXE99E1-B (Supplement)	This manual : Pub. No. EMXE99E1-C (Supplement)
J/B	–	I	P	P	P
J/C	–	I	R	P	P
CENTRALIZED JUNCTION	–	I	R	P	P
POWER DISTRIBUTION SYSTEM	–	I	D	N	N
	Petrol-powered vehicles	N	A	P	P
	Diesel-powered vehicles	N	A	P	P
STARTING SYSTEM	–	I	D	N	N
	Petrol-powered vehicles	N	A	R	P
	Diesel-powered vehicles	N	A	P	P
IGNITION SYSTEM	4G1 engine*	I	R	R	P
	4G93 engine	I	R	P	D
CHARGING SYSTEM	4G1 engine*	I	P	P	P
	4G93 engine	I	R	P	D
	F9Q1 engine	N	A	P	P

Main circuit	Circuit classifications	Previous manual : Pub. No. EMXE99E1 (Basic)	This manual : Pub. No. EMXE99E1-A (Supplement)	This manual : Pub. No. EMXE99E1-B (Supplement)	This manual : Pub. No. EMXE99E1-C (Supplement)
ENGINE CONTROL SYSTEM	4G13 engine	I	R	D	N
	4G1 engine-M/T	N	N	A	P
	4G1 engine-A/T	N	N	A	P
	4G93 engine	I	D	N	N
	4G93 engine-M/T	N	A	R	D
	4G93 engine-A/T	N	A	R	D
	F9Q1 engine	N	A	P	P
COOLING SYSTEM	4G1 engine*	I	P	R	P
	4G93 engine	I	R	P	D
	F9Q1 engine	N	A	P	P
INVECS-II 4A/T	–	N	A	D	N
	4G1 engine	N	N	A	R
	4G93 engine	N	N	A	D
HEADLAMP	L.H. drive vehicles without daytime running lamp	I	P	P	P
	R.H. drive vehicles	I	P	P	P
	Vehicles with daytime running lamp	I	P	P	P
HEADLAMP LEVELING SYSTEM	–	I	P	P	P
TAIL LAMP, POSITION LAMP, LICENSE PLATE LAMP AND LIGHTING MONITOR BUZZER	Vehicles without daytime running lamp	I	R	P	R
	Vehicles with daytime running lamp	I	R	P	R
FRONT FOG LAMP	Vehicles without daytime running lamp	I	R	P	R
	Vehicles with daytime running lamp	I	R	P	R
REAR FOG LAMP	Vehicles without daytime running lamp	I	R	P	R
	Vehicles with daytime running lamp	I	R	P	R

Main circuit	Circuit classifications	Previous manual : Pub. No. EMXE99E1 (Basic)	This manual : Pub. No. EMXE99E1-A (Supplement)	This manual : Pub. No. EMXE99E1-B (Supplement)	This manual : Pub. No. EMXE99E1-C (Supplement)
ROOM LAMP AND LUGGAGE COMPARTMENT LAMP	Vehicles without keyless entry system	I	D	N	N
	Vehicles with keyless entry system	I	D	N	N
ROOM LAMP, MAP LAMP AND LUGGAGE COMPARTMENT LAMP	Vehicles without keyless entry system	N	A	P	R
	Vehicles with keyless entry system	N	A	P	R
GLOVE BOX LAMP	–	I	P	D	N
TURN-SIGNAL LAMP AND HAZARD WARNING LAMP	–	I	R	P	R
STOP LAMP	–	I	R	P	R
BACK-UP LAMP	–	I	D	N	N
	Petrol-powered vehicles	N	A	R	R
	Diesel-powered vehicles	N	A	P	R
HORN	–	I	R	P	P
METER AND GAUGE	–	I	D	N	N
	Petrol-powered vehicles	N	A	R	R
	Diesel-powered vehicles	N	A	P	R
FUEL WARNING LAMP	–	I	R	P	P
OIL PRESSURE WARNING LAMP	–	I	R	R	P
BRAKE WARNING LAMP	–	I	P	P	P
WATER TEMPERATURE WARNING LAMP	–	N	A	P	P
POWER WINDOWS	–	I	P	P	P
CENTRAL DOOR LOCKING SYSTEM	Vehicles without keyless entry system	I	P	P	R
	Vehicles with keyless entry system	I	P	P	R
HEATER	–	I	R	P	R

Main circuit	Circuit classifications	Previous manual : Pub. No. EMXE99E1 (Basic)	This manual : Pub. No. EMXE99E1-A (Supplement)	This manual : Pub. No. EMXE99E1-B (Supplement)	This manual : Pub. No. EMXE99E1-C (Supplement)
MANUAL AIR CONDITIONER	4G1 engine*	I	R	R	R
	4G93 engine	I	R	P	D
	F9Q1 engine	N	A	P	R
WINDSHIELD WIPER AND WASHER	–	I	P	P	P
REAR WIPER AND WASHER	–	I	P	P	R
HEADLAMP WASHER	–	I	P	P	P
DEFOGGER AND DOOR MIRROR HEATER	L.H. drive vehicles	I	P	P	R
	R.H. drive vehicles	I	P	P	R
REMOTE CONTROLLED MIRROR	–	I	R	P	R
CIGARETTE LIGHTER	–	I	P	P	R
MULTI CENTER DISPLAY	–	I	D	N	N
	Vehicles without navigation system	N	A	R	R
	Vehicles with navigation system	N	A	R	R
SUNROOF	–	I	P	P	R
HEATED SEAT	–	I	R	P	R
ABS	–	I	D	N	N
EBD AND ABS	–	N	A	P	P
SUPPLEMENTAL RESTRAINT SYSTEM	–	I	P	P	R
IMMOBILIZER SYSTEM	–	I	D	N	N
	Diesel-powered vehicles	N	A	P	P
	Petrol-powered vehicles	N	A	R	P
RHEOSTAT	–	I	R	P	D
FUEL LINE HEATER	–	N	A	P	P