
GENERAL

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MODELS

<3-DOOR MODELS>

Model code		Engine model	Transmission model	Fuel supply system
H66W	MNDELA	4G93-SOHC (1,834mL)	V5M21 (5M/T)	MPI
	MNDERA			
	MRDELA		V4AW4 (4A/T)	
	MRDERA			
H67W	MNJCLA	4G94-DOHC (1,999mL)	V5M21 (5M/T)	GDI
	MNJCRA			
	MRJCLA		V4AW4 (4A/T)	
	MRJCRA			

<5-DOOR MODELS>

Model code		Engine model	Transmission model	Fuel supply system
H76W	LNDELA	4G93-SOHC (1,834mL)	V5M21 (5M/T)	MPI
	LNDERA			
	LRDELA		V4AW4 (4A/T)	
	LRDERA			
H77W	LNJCLA	4G94-DOHC (1,999mL)	V5M21 (5M/T)	GDI
	LNJCRA			
	LRJCLA		V4AW4 (4A/T)	
	LRJCRA			

ABBREVIATION SYMBOLS

Abbreviation symbol	Meaning
MPI	Multi-point injection

OUTLINE OF CHANGES

WIRING HARNESS CONFIGURAITON DIAGRAMS

Connector symbol	Name		Reference page	Description of changes
A	ENGINE COMPARTMENT	4G93-MPI <L.H. drive vehicles>	2-2	New wiring harness configuration diagrams have been established to correspond to the addition of vehicles with 4G93-MPI engine.
		4G93-MPI <R.H. drive vehicles>	2-6	
C	DASH PANEL	L.H. drive vehicles	2-10	- The number of pins in the resistor connector (C-16) has been changed from 6 to 4. - Engine-ECU connectors (C-87, 88, 89, 90) have been added to correspond to the addition of vehicles with 4G93-MPI engine. - The wide open throttle switch connector (C-58) has been eliminated to correspond to changes to the A/T system. - The following connectors have been added to correspond to changes to the power window system. - Instrument panel wiring harness and body wiring harness combination (C-92) <L.H. drive vehicles> - Power window relay 2 (C-93) - The spare connector <for front fog lamp> (C-44) has been abolished from 02 models.
		R.H. drive vehicles	2-16	
E	DOOR	L.H. drive vehicles <3-door Models>	–	The number of pins in the power window motor connectors for windows other than the driver's side window have been changed from 6 to 4 to correspond to changes to the power window system.
		R.H. drive vehicles <3-door Models>	–	
		L.H. drive vehicles <5-door Models>	2-20	- The following changes have been made to correspond to changes to the power window system. - The number of pins in the power window motor connectors for windows other than the driver's side window have been changed from 6 to 2. - The number of pins in the power window main switch connector (C-10) has been changed to 10 (vehicles with power windows for front doors only) or 14 (vehicles with power windows for all doors).
		R.H. drive vehicles <5-door Models>	2-22	

SINGLE PART INSTALLATION POSITION

Location of changes	Reference page	Description of changes
SENSOR	2-2	- The following sensor mounting positions have been added to correspond to the addition of vehicles with 4G93-MPI engine. - Air flow sensor - Camshaft position sensor - Engine coolant temperature sensor - Ignition failure sensor - Oxygen sensor (front) - Oxygen sensor (rear) - Throttle position sensor
RELAY	2-4	- The following relay mounting positions have been added to correspond to the addition of a new cooling system for vehicles with 4G93-MPI engine. - Condenser fan relay - Radiator fan relay - The following relay mounting positions have been added to correspond to changes to the power window system. - Power window relay 2
ECU	2-5	An engine-ECU mounting position has been added to correspond to the addition of vehicles with 4G93-MPI engine.
SOLENOID VALVE	2-5	- The following solenoid valve mounting positions have been added to correspond to the addition of vehicles with 4G93-MPI engine. - EGR solenoid valve - Purge control solenoid valve
EARTH CABLE	2-5	An earth cable mounting position has been added to correspond to the addition of vehicles with 4G93-MPI engine.
EARTH	2-6	A No. 15 earth mounting position has been added to correspond to the addition of vehicles with 4G93-MPI engine.

CIRCUIT DIAGRAMS

Main title	Sub title	Reference page	Description of changes
J/C	—	3-3	J/C (1) <4G93-MPI> has been added to correspond to the addition of vehicles with 4G93-MPI engine.
CENTRALIZED JUNCTION	—	3-4	Details have been added to correspond to the addition of vehicles with 4G93-MPI engine and changes to the power window system and the sunroof system.
POWER DISTRIBUTION SYSTEM	—	3-8	The circuit has been changed to correspond to the addition of vehicles with 4G93-MPI engine and changes to the power window system and the sunroof system.
IGNITION SYSTEM	4G93-MPI	3-14	New circuits have been added to correspond to the addition of vehicles with 4G93-MPI engine.
CHARGING SYSTEM	—	3-16	4G93-MPI details have been added to correspond to the addition of vehicles with 4G93-MPI engine.

Main title	Sub title	Reference page	Description of changes
ENGINE CONTROL SYSTEM	4G93-MPI	3-18	New circuits have been added to correspond to the addition of vehicles with 4G93-MPI engine.
	4G94-GDI	3-28	The diagnosis connector earth circuit has been changed.
COOLING SYSTEM	4G93-MPI	3-40	New circuits have been added to correspond to the addition of vehicles with 4G93-MPI engine.
ELC-4A/T	L.H. drive vehicles	3-42	4G93-MPI details have been added to correspond to the addition of vehicles with 4G93-MPI engine. - The wide-open throttle switch has been eliminated. - The overdrive switch and combination meter illumination circuit has been changed to correspond to the addition of vehicles without a rheostat. - The diagnosis connector earth circuit has been changed.
	R.H. drive vehicles	3-50	
HEADLAMP	–	3-58	- The diagnosis connector earth circuit has been changed. - A joint connector has been added to vehicles with DRL.
HEADLAMP LEVELING SYSTEM	–	3-62	The headlamp leveling switch illumination circuit has been changed to correspond to the addition of vehicles without a rheostat.
TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP	L.H. drive vehicles	3-64	The diagnosis connector earth circuit has been changed.
	R.H. drive vehicles	3-67	
FRONT FOG LAMP	–	3-70	- The fog lamp switch illumination circuit has been changed to correspond to the addition of vehicles without a rheostat. - The diagnosis connector earth circuit has been changed.
REAR FOG LAMP	–	3-73	
ROOM LAMP AND LUGGAGE COMPARTMENT LAMP	–	3-76	- Circuits for 3-door models and 5-door models have been unified. - The diagnosis connector earth circuit has been changed.
TURN-SIGNAL LAMP HAZARD WARNING LAMP	L.H. drive vehicles	3-78	- The hazard warning switch illumination circuit has been changed to correspond to the addition of vehicles without a rheostat. - The diagnosis connector earth circuit has been changed.
	R.H. drive vehicles	3-82	
METER AND GAUGE	L.H. drive vehicles	3-86	4G93-MPI details have been added to correspond to the addition of vehicles with 4G93-MPI engine. - The vehicle speed sensor circuits have been changed. - The combination meter illumination circuit has been changed to correspond to the addition of vehicles without a rheostat.
	R.H. drive vehicles	3-88	

Main title	Sub title	Reference page	Description of changes
POWER WINDOWS	L.H. drive vehicles <3-door models and 5-door models with power window (Front door only)>	3-90	The circuits have been changed to correspond to changes to the power window system.
	R.H. drive vehicles <3-door models and 5-door models with power window (Front door only)>	3-94	
	L.H. drive vehicles <5-door models>	3-98	
	R.H. drive vehicles <5-door models>	3-104	
CENTRAL DOOR LOCKING SYSTEM	L.H. drive vehicles without keyless entry system	3-110	- Circuits for 3-door models and 5-door models have been unified. - The diagnosis connector earth circuit has been changed.
	R.H. drive vehicles without keyless entry system	3-112	
	L.H. drive vehicles with keyless entry system	3-114	
	R.H. drive vehicles with keyless entry system	3-118	
HEATER	–	3-122	- The number of pins in the resistor connector has been changed from 6 to 4. - The blower and defogger switch and heater control illumination lamp illumination circuit has been changed to correspond to the addition of vehicles without a rheostat.
MANUAL AIR CONDITIONER	4G93-MPI	3-124	New circuits have been added to correspond to the addition of vehicles with 4G93-MPI engine.
	4G94-GDI	3-128	The number of pins in the resistor connector has been changed from 6 to 4.
WINDSHIELD WIPER AND WASHER	L.H. drive vehicles	3-132	The diagnosis connector earth circuit has been changed.
	R.H. drive vehicles	3-135	
REAR WIPER AND WASHER	L.H. drive vehicles	3-138	
	R.H. drive vehicles	3-141	
HEADLAMP WASHER	–	3-144	The diagnosis connector earth circuit has been changed.
DEFOGGER	Vehicles without door mirror heater	3-147	The blower and defogger switch and A/C and defogger switch illumination circuit has been changed to correspond to the addition of vehicles without a rheostat.
	Vehicles with door mirror heater	3-148	

Main title	Sub title	Referentce page	Description of changes
MULTI CENTER DISPLAY	–	3-150	4G93-MPI details have been added to correspond to the addition of vehicles with 4G93-MPI engine. - The multi center display illumination circuit has been changed to correspond to the addition of vehicles without a rheostat.
NAVIGATION SYSTEM	L.H. drive vehicles	3-152	The diagnosis connector earth circuit has been changed.
	R.H. drive vehicles	3-158	
ABS	L.H. drive vehicles	3-164	
	R.H. drive vehicles	3-168	
SRS	L.H. drive vehicles	3-172	
	R.H. drive vehicles	3-175	
SUNROOF	L.H. drive vehicles <3-door Models>	3-178	- The dedicated fuse for the power supply circuit has been changed from No. 21 to No. 3. - The diagnosis connector earth circuit has been changed.
	R.H. drive vehicles <3-door Models>	3-180	
	L.H. drive vehicles <5-door Models>	3-182	
	R.H. drive vehicles <5-door Models>	3-184	
SUPER SELECT 4WD-i SYSTEM	R.H. drive vehicles	3-186	The route for the harness connecting the 4WD indicator-ECU and the combination meter has been changed.
IMMOBILIZER SYSTEM	4G93-MPI	3-188	New circuits have been added to correspond to the addition of vehicles with 4G93-MPI engine.
	4G94-GDI	3-190	The diagnosis connector earth circuit has been changed.
HEATED SEAT	–	3-192	The heated seat switch illumination circuit has been changed to correspond to the addition of vehicles without a rheostat.
LIGHTING MONITOR BUZZER	–	3-194	The diagnosis connector earth circuit has been changed.
SPARE CONNECTOR FOR FRONT FOG LAMP	–	3-196	- The fog lamp switch illumination circuit has been changed to correspond to the addition of vehicles without a rheostat. - The diagnosis connector earth circuit has been changed.

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).
- (7) * : Indicates that appropriate classifications have been added from previous circuits to correspond to the addition of vehicles with 4G93-MPI engine.

Main circuit	Circuit classifications	Previous manual: Pub No. EKRE00E1 (Basic)	Previous manual: Pub No. EKRE00E1-A (Supplement)	This manual: Pub No. EKRE00E1-B (Supplement)
J/B	–	I	P	P
J/C	–	I	P	R
CENTRALIZED JUNCTION	–	I	R	R
POWER DISTRIBUTION SYSTEM	–	I	P	R
STARTING SYSTEM	–	I	P	P
IGNITION SYSTEM	4G93-MPI	N	N	A
	4G94-GDI*	I	R	P
CHARGING SYSTEM	–	I	P	R
ENGINE CONTROL SYSTEM	4G93-MPI	N	N	A
	4G93-GDI	I	D	N
	4G94-GDI	N	A	R
COOLING SYSTEM	4G93-MPI	N	N	A
	4G94-GDI*	I	P	P
ELC-4A/T	L.H. drive vehicles	I	R	R
	R.H. drive vehicles	I	R	R
HEADLAMP	–	I	P	R
HEADLAMP LEVELING SYSTEM	–	I	P	R
TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
FRONT FOG LAMP	–	I	P	R

Main circuit	Circuit classifications	Previous manual: Pub No. EKRE00E1 (Basic)	Previous manual: Pub No. EKRE00E1-A (Supplement)	This manual: Pub No. EKRE00E1-B (Supplement)
REAR FOG LAMP	–	I	R	R
ROOM LAMP AND LUGGAGE COMPARTMENT LAMP	3-DOOR	I	P	D
	5-DOOR	N	A	D
	–	N	N	A
DOOR LAMP	L.H. drive vehicles	I	P	P
	R.H. drive vehicles	I	P	P
GLOVE BOX LAMP	–	I	P	P
TURN-SIGNAL LAMP AND HAZARD WARNING LAMP	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	R	R
STOP LAMP	L.H. drive vehicles	I	P	P
	R.H. drive vehicles	I	P	P
BACK-UP LAMP	–	I	R	P
HORN	–	I	P	P
METER AND GAUGE	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
BRAKE WARNING LAMP	–	I	P	P
FUEL WARNING LAMP	–	I	P	P
OIL PRESSURE WARNING LAMP	–	I	P	P
POWER WINDOWS	L.H. drive vehicles <3-door>	I	P	D
	R.H. drive vehicles <3-door>	I	P	D
	L.H. drive vehicles <3-door models and 5-door models with power window (front door only)>	N	N	A
	R.H. drive vehicles <3-door models and 5-door models with power window (front door only)>	N	N	A
	L.H. drive vehicles <5-door>	N	A	R
	R.H. drive vehicles <5-door>	N	A	R

Main circuit	Circuit classifications	Previous manual: Pub No. EKRE00E1 (Basic)	Previous manual: Pub No. EKRE00E1-A (Supplement)	This manual: Pub No. EKRE00E1-B (Supplement)
CENTRAL DOOR LOCKING SYSTEM	L.H. drive vehicles without keyless entry system <3-door>	I	P	D
	R.H. drive vehicles without keyless entry system <3-door>	I	P	D
	L.H. drive vehicles with keyless entry system <3-door>	I	P	D
	R.H. drive vehicles with keyless entry system <3-door>	I	P	D
	L.H. drive vehicles without keyless entry system <5-door>	N	A	D
	R.H. drive vehicles without keyless entry system <5-door>	N	A	D
	L.H. drive vehicles with keyless entry system <5-door>	N	A	D
	R.H. drive vehicles with keyless entry system <5-door>	N	A	D
	L.H. drive vehicles without keyless entry system	N	N	A
	R.H. drive vehicles without keyless entry system	N	N	A
	L.H. drive vehicles with keyless entry system	N	N	A
	R.H. drive vehicles with keyless entry system	N	N	A
HEATER	–	I	P	R
MANUAL AIR CONDITIONER	4G93-MPI	N	N	A
	4G94-GDI*	I	R	R
WINDSHIELD WIPER AND WASHER	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
REAR WIPER AND WASHER	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	R	R

Main circuit	Circuit classifications	Previous manual: Pub No. EKRE00E1 (Basic)	Previous manual: Pub No. EKRE00E1-A (Supplement)	This manual: Pub No. EKRE00E1-B (Supplement)
HEADLAMP WASHER	–	I	P	R
DEFOGGER	Vehicles without door mirror heater	I	P	R
	Vehicles with door mirror heater	I	P	R
REMOTE CONTROLLED MIRROR	L.H. drive vehicles	I	P	P
	R.H. drive vehicles	I	P	P
RADIO AND TAPE PLAYER	L.H. drive vehicles	I	P	P
	R.H. drive vehicles	I	P	P
MULTI CENTER DISPLAY	–	I	P	R
NAVIGATION SYSTEM	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
CIGARETTE LIGHTER	–	I	P	P
ACCESSORY SOCKET	–	N	A	P
ABS	L.H. drive vehicles	I	R	R
	R.H. drive vehicles	I	R	R
SRS	L.H. drive vehicles	I	R	R
	R.H. drive vehicles	I	R	R
SUNROOF	L.H. drive vehicles <3-door>	I	P	R
	R.H. drive vehicles <3-door>	I	P	R
	L.H. drive vehicles <5-door>	N	A	R
	R.H. drive vehicles <5-door>	N	A	R
SUPER SELECT 4WD -i SYSTEM	L.H. drive vehicles	I	R	P
	R.H. drive vehicles	I	R	R
IMMOBILIZER SYSTEM	4G93-MPI	N	N	A
	4G94-GDI*	I	P	R
HEATED SEAT	–	I	P	R
LIGHTING MONITOR BUZZER	–	I	P	R

Main circuit	Circuit classifications	Previous manual: Pub No. EKRE00E1 (Basic)	Previous manual: Pub No. EKRE00E1-A (Supplement)	This manual: Pub No. EKRE00E1-B (Supplement)
RHEOSTAT	–	I	P	P
SPARE CONNECTOR FOR FRONT FOG LAMP	–	I	P	R
SPARE CONNECTOR FOR RADIO	–	I	P	P