
OUTLINE OF CHANGES

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WIRING HARNESS CONFIGURATION DIAGRAMS

Connector symbol	Name		Reference page	Description of changes
A	ENGINE COMPARTMENT	L.H. drive vehicles with 4D56 engine	2-2	<ul style="list-style-type: none"> The wiring harness configuration has been changed to correspond to the adoption of electronic control for the 4D56 engine.
C	DASH PANEL	L.H. drive vehicles	2-6	<ul style="list-style-type: none"> An accelerator pedal position sensor connector (C-134) has been added to correspond to the adoption of electronic control for the 4D56 engine. The colour of the engine-ECU connector has been changed from green to grey. The number of pins in the immobilizer-ECU connector (C-120) has been changed from 16 to 12 to correspond to changes to the immobilizer system.

SINGLE PART INSTALLATION POSITION

Location of changes	Reference page	Description of changes
SENSOR	3-2	<ul style="list-style-type: none"> Sensors have been added to correspond to the adoption of electronic control for the 4D56 engine.
SOLENOID VALVE	3-3	<ul style="list-style-type: none"> Solenoid valves have been added to correspond to the adoption of electronic control for the 4D56 engine.

CIRCUIT DIAGRAMS

Main title	Sub title	Reference page	Description of changes
POWER DISTRIBUTION SYSTEM	Diesel-powered vehicles	4-2	<ul style="list-style-type: none"> The system names for the fuse connection points have been changed to correspond to changes to equipment specifications.
ENGINE CONTROL SYSTEM	Diesel-powered vehicles	4-8	<ul style="list-style-type: none"> New circuit diagrams have been established to correspond to the adoption of electronic control for the 4D56 engine.
METER AND GAUGE	Diesel-powered vehicles	4-16	<ul style="list-style-type: none"> The engine coolant temperature gauge unit has been changed. The tachometer circuit has been changed.
LOW ENGINE OIL LEVEL WARNING LAMP	-	4-18	<ul style="list-style-type: none"> The number of the J/C (2) pin that connects to engine oil level relay pin no. 1 has been changed.
BRAKE WARNING LAMP	-	4-19	<ul style="list-style-type: none"> The glow control unit has been changed to the engine-ECU.
SINGLE AIR CONDITIONER	L.H. drive vehicles <Diesel-powered vehicles>	4-20	<ul style="list-style-type: none"> The condenser fan and A/C compressor control circuits have been changed to correspond to the adoption of electronic control for the 4D56 engine.

Main title	Sub title	Reference page	Description of changes
INTERCOOLER FAN	-	4-23	<ul style="list-style-type: none"> ● The intercooler fan control unit has been abolished and control has been changed to the engine-ECU to correspond to the adoption of electronic control for the 4D56 engine.
IMMOBILIZER SYSTEM	Diesel-powered vehicles	4-24	<ul style="list-style-type: none"> ● The immobilizer-ECU has been changed and the circuit has also been changed to correspond to the adoption of electronic control for the 4D56 engine.

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).

Main circuit	Circuit classifications	Previous manual: Pub. No. PHJE9026-C (Basic)	Previous manual: Pub. No. PHJE9026-D (Supplement)	Previous manual: Pub. No. PHJE9026-E (Supplement)	Previous manual: Pub. No. PHJE9026-F (Supplement)	Previous manual: Pub. No. PHJE9026-G (Supplement)	Previous manual: Pub. No. PHJE9026-H (Supplement)	This manual: Pub. No. PHJE9026-I (Supplement)
JUNCTION BLOCK (J/B)	-	I	P	R	P	P	P	P
CENTRALIZED JUNCTION	-	I	P	R	P	R	P	P
POWER DISTRIBUTION SYSTEM	Petrol-powered vehicles	I	P	R	R	R	P	N
	Diesel-powered vehicles	I	P	R	R	R	P	R
STARTING SYSTEM	4G64 engine	I	D	N	N	N	N	N
	6G72, 6G74 engine	I	R	P	P	P	P	N
	4D56, 4M40 engine	I	P	P	P	P	P	P
IGNITION SYSTEM	4G64 engine	I	D	N	N	N	N	N
	6G72 engine	I	D	N	N	N	N	N
	6G74 engine	I	D	N	N	N	N	N
	6G72, 6G74 engine	N	A	P	P	D	N	N
	6G72, 6G74 engine <L.H. drive vehicles>	N	N	N	N	A	P	N
	6G72, 6G74 engine <R.H. drive vehicles>	N	N	N	N	A	P	N

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CHARGING SYSTEM	4G64, 6G72 engine	I	D	N	N	N	N	N
	6G74 engine	I	D	N	N	N	N	N
	6G72, 6G74 engine	N	A	P	P	P	P	N
	4D56, 4M40 engine	I	P	P	P	P	P	P
GLOW SYSTEM	4D56 engine <Without supercharging pressure relief solenoid valve>	I	P	P	P	R	P	N
	4D56 engine <With supercharging pressure relief solenoid valve>	I	P	P	P	P	P	N
	4M40 engine <Without supercharging pressure relief solenoid valve>	I	R	P	R	R	P	N
	4M40 engine <With supercharging pressure relief solenoid valve>	I	R	P	R	P	P	N
MPI SYSTEM	4G64 engine-M/T	I	D	N	N	N	N	N
	6G72 engine-M/T	I	R	D	N	N	N	N
	6G72 engine-A/T	I	R	D	N	N	N	N
	6G74 engine-M/T	I	R	D	N	N	N	N
	6G74 engine-A/T	I	R	D	N	N	N	N
	6G72 engine-M/T <Vehicles without immobilizer system>	N	N	A	R	D	N	N
	6G72 engine-M/T <Vehicles with immobilizer system>	N	N	A	R	D	N	N
	6G72 engine-A/T <Vehicles without immobilizer system>	N	N	A	R	D	N	N
	6G72 engine-A/T <Vehicles with immobilizer system>	N	N	A	R	D	N	N
	6G74 engine-M/T <Vehicles without immobilizer system>	N	N	A	R	D	N	N
	6G74 engine-M/T <Vehicles with immobilizer system>	N	N	A	R	D	N	N
	6G74 engine-A/T <Vehicles without immobilizer system>	N	N	A	R	D	N	N
	6G74 engine-A/T <Vehicles with immobilizer system>	N	N	A	R	D	N	N

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MPI SYSTEM	6G72 engine-M/T <L.H. drive vehicles>	N	N	N	N	A	P	N
	6G72 engine-M/T <R.H. drive vehicles>	N	N	N	N	A	P	N
	6G72 engine-A/T <L.H. drive vehicles>	N	N	N	N	A	P	N
	6G72 engine-A/T <R.H. drive vehicles>	N	N	N	N	A	P	N
	6G74 engine-M/T <L.H. drive vehicles>	N	N	N	N	A	P	N
	6G74 engine-M/T <R.H. drive vehicles>	N	N	N	N	A	P	N
	6G74 engine-A/T <L.H. drive vehicles>	N	N	N	N	A	P	N
	6G74 engine-A/T <R.H. drive vehicles>	N	N	N	N	A	P	N
ENGINE CONTROL SYSTEM	Diesel-powered vehicles	N	N	N	N	N	N	A
OVERDRIVE CONTROL SYSTEM	6G72 engine	I	D	N	N	N	N	N
ELC-4A/T	6G72, 6G74 engine	N	A	R	P	R	P	N
	6G74 engine	I	D	N	N	N	N	N
	4M40 engine	I	P	R	P	P	P	N
HEADLAMP	L.H. drive vehicles without daytime running lamp <without SRS>	I	P	P	P	P	P	P
	L.H. drive vehicles without daytime running lamp <with SRS>	I	P	P	P	P	P	P
	L.H. drive vehicles with daytime running lamp <without SRS>	I	P	P	P	P	P	N
	L.H. drive vehicles with daytime running lamp <with SRS>	I	P	P	P	P	P	N
	R.H. drive vehicles without SRS	I	P	P	P	P	P	N
	R.H. drive vehicles with SRS	I	P	P	P	P	P	N
HEADLAMP LEVELING SYSTEM	-	I	P	P	P	P	P	P

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TAILLAMP, CLEARANCE LAMP, LICENCE PLATE LAMP	-	I	P	P	P	P	P	P
FRONT FOG LAMP	L.H. drive vehicles	N	N	N	N	A	P	N
	R.H. drive vehicles	N	N	N	N	A	P	N
REAR FOG LAMP	L.H. drive vehicles <without SRS>	I	P	R	P	P	P	P
	L.H. drive vehicles <with SRS>	I	P	R	P	P	P	P
	R.H. drive vehicles <without SRS>	I	P	P	P	P	P	N
	R.H. drive vehicles <with SRS>	I	P	P	P	P	P	N
ROOM LAMP	Canvas top	I	P	P	P	P	P	N
	2-door models without sunroof	I	P	P	P	P	P	P
	2-door models with sunroof	I	P	P	P	P	P	N
	4-door models	I	P	P	P	P	P	P
DOOR LAMP	L.H. drive vehicles	N	N	A	P	P	P	P
	R.H. drive vehicles	N	N	A	P	P	P	N
IGNITION KEY CYL- INDER ILLU- MINATION LAMP	L.H. drive vehicles	I	P	R	P	P	P	P
	R.H. drive vehicles	I	P	P	P	P	P	N
TURN-SIG- NAL LAMP AND HAZ- ARD LAMP	-	I	P	P	P	P	P	P
STOP LAMP	-	I	P	P	P	P	P	P
BACK-UP LAMP	M/T	I	P	P	P	P	P	P
	A/T	I	R	P	P	P	P	N
HORN	Vehicles without SRS	I	P	P	P	P	P	P
	Vehicles with SRS	I	P	P	P	P	P	P
METER AND GAUGE	4G64 engine	I	D	N	N	N	N	N
	6G72, 6G74 engine	I	R	P	P	R	P	N
	4D56, 4M40 engine	I	P	P	P	P	P	D
	Diesel-powered vehicles	N	N	N	N	N	N	A
LOW FUEL WARNING LAMP	-	I	P	P	P	P	P	P

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FUEL FILTER WARNING LAMP	-	I	P	P	P	P	P	P
OIL PRESSURE WARNING LAMP	-	I	P	P	P	P	P	P
LOW ENGINE OIL LEVEL WARNING LAMP	-	I	P	P	R	R	P	R
BRAKE WARNING LAMP	-	I	P	P	R	P	P	R
MULTI- METER	Vehicles without electronic compass	I	P	P	P	P	P	P
	Vehicles with electronic compass	I	P	R	P	P	P	P
POWER WINDOWS	L.H. drive vehicles <2-door models>	I	P	P	P	R	P	P
	L.H. drive vehicles <4-door models>	I	P	P	P	R	P	P
	R.H. drive vehicles <2-door models>	I	P	P	P	R	P	N
	R.H. drive vehicles <4-door models>	I	P	P	P	R	P	N
CENTRAL DOOR LOCKING SYSTEM	L.H. drive vehicles	I	P	P	P	P	P	P
	L.H. drive vehicles with keyless entry system	N	N	A	P	P	P	N
	R.H. drive vehicles	I	P	P	P	P	P	N
	R.H. drive vehicles with keyless entry system	N	N	A	P	P	P	N

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HEATER	L.H. drive vehicles without rear heater	I	P	P	P	P	P	P
	L.H. drive vehicles with rear heater <without dual air conditioner>	I	P	P	P	P	P	N
	L.H. drive vehicles with rear heater <with dual air conditioner>	I	P	P	P	P	P	N
	R.H. drive vehicles without rear heater	I	P	P	P	P	P	N
	R.H. drive vehicles with rear heater <without dual air conditioner>	I	P	P	P	P	P	N
	R.H. drive vehicles with rear heater <with dual air conditioner>	I	P	P	P	P	P	N
SINGLE AIR CONDITIONER	L.H. drive vehicles <4G64, 6G72 engine>	I	R	D	N	N	N	N
	L.H. drive vehicles <6G74 engine>	I	R	D	N	N	N	N
	L.H. drive vehicles <petrol-powered vehicles>	N	N	A	R	P	P	N
	L.H. drive vehicles <diesel-powered vehicles>	I	P	P	R	P	P	R
	R.H. drive vehicles <petrol-powered vehicles>	I	R	R	R	R	P	N
	R.H. drive vehicles <diesel-powered vehicles>	I	P	P	R	R	P	N

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DUAL AIR CONDITIONER	L.H. drive vehicles without rear heater <petrol-powered vehicles>	I	R	R	R	P	P	N
	L.H. drive vehicles without rear heater <diesel-powered vehicles>	I	P	P	R	P	P	N
	L.H. drive vehicles with rear heater <petrol-powered vehicles>	I	R	R	R	P	P	N
	L.H. drive vehicles with rear heater <diesel-powered vehicles>	I	P	P	R	P	P	N
	R.H. drive vehicles without rear heater <petrol-powered vehicles>	I	R	R	R	R	P	N
	R.H. drive vehicles without rear heater <diesel-powered vehicles>	I	P	P	R	R	P	N
	R.H. drive vehicles with rear heater <petrol-powered vehicles>	I	R	R	R	R	P	N
	R.H. drive vehicles with rear heater <diesel-powered vehicles>	I	P	P	R	R	P	N
WIND-SHIELD WIPER AND WASHER	Vehicles without SRS	I	P	P	P	P	P	P
	Vehicles with SRS	I	P	P	P	P	P	P
REAR WIPER AND WASHER	Vehicles without SRS	I	P	P	P	P	P	P
	Vehicles with SRS	I	P	P	P	P	P	P
HEADLAMP WASHER	-	I	P	P	P	P	P	N
DEFOGGER AND DOOR MIRROR HEATER	-	I	P	R	P	P	P	P
WIPER DEICER	-	I	P	R	P	P	P	N
REMOTE CONTROLLED DOOR MIRROR	-	I	P	P	P	P	P	P

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RADIO AND TAPE PLAYER	L.H. drive vehicles <AM/FM radio>	I	P	D	N	N	N	N
	AM/FM radio	N	N	A	P	P	P	P
	L.H. drive vehicles <LW/MW/FM radio and tape player>	I	P	D	N	N	N	N
	LW/MW/FM radio and tape player	N	N	A	P	P	P	N
	L.H. drive vehicles <AM/FM radio and tape player>	I	P	P	P	P	P	N
	R.H. drive vehicles <AM/FM radio>	I	P	D	N	N	N	N
	R.H. drive vehicles <LW/MW/FM radio and tape player>	I	P	D	N	N	N	N
	R.H. drive vehicles <AM/FM radio and tape player>	I	P	R	P	P	P	N
CLOCK	L.H. drive vehicles	I	P	P	P	P	P	P
	R.H. drive vehicles	I	P	P	P	P	P	N
CIGARETTE LIGHTER	-	I	P	P	P	P	P	P
ACCESSORY SOCKET	-	I	P	P	P	P	P	P
SUNROOF	Canvas top	I	P	P	R	P	P	N
	2-door models	N	N	A	R	P	P	N
	4-door models	I	P	P	R	P	P	N
INTERCOOLER FAN	-	I	P	R	R	R	P	R
REAR DIFFERENTIAL LOCK SYSTEM	L.H. drive vehicles	I	P	P	P	P	P	P
	R.H. drive vehicles	I	P	P	P	P	P	N
PART TIME 4WD SYSTEM	-	I	P	R	P	P	P	P
SUPER SELECT 4WD SYSTEM	-	I	P	P	P	P	P	N
REMOTE CONTROLLED VARIABLE SHOCK ABSORBERS SYSTEM	-	I	P	R	P	P	P	N

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ANTI-LOCK BRAKE SYSTEM (ABS)	-	I	D	N	N	N	N	N
	L.H. drive vehicles	N	A	R	P	P	R	P
	R.H. drive vehicles	N	A	R	P	P	R	N
AUTO-CRUISE CONTROL SYSTEM	L.H. drive vehicles <petrol-powered vehicles>	I	R	R	P	R	P	N
	L.H. drive vehicles <diesel-powered vehicles>	I	P	R	P	P	P	N
	R.H. drive vehicles <petrol-powered vehicles>	I	R	P	P	R	P	N
	R.H. drive vehicles <diesel-powered vehicles>	I	P	P	P	P	P	N
HEATED SEAT	Vehicles without power seat	I	P	P	P	P	P	N
	Vehicles with power seat	I	P	P	P	P	P	N
POWER SEAT	-	I	P	P	P	P	P	N
LIGHTING MONITOR BUZZER	-	I	P	R	R	R	P	P
FUEL LINE HEATER	-	I	P	R	P	P	P	N
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	Petrol-powered vehicles	I	R	R	D	N	N	N
	Diesel-powered vehicles	I	R	R	D	N	N	N
	-	N	N	N	A	P	P	P
IMMOBILIZER SYSTEM	Petrol-powered vehicles	N	N	A	R	R	P	N
	Diesel-powered vehicles	N	N	A	R	P	P	R