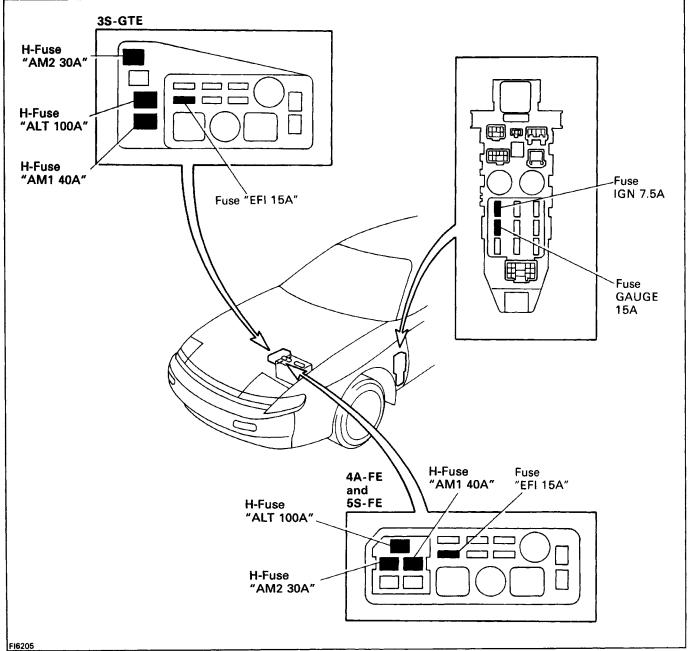
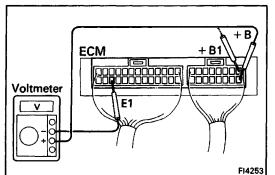
TROUBLESHOOTING WITH VOLT/OHMMETER

HINT:

- The following troubleshooting procedures are designed for inspection of each separate system, and therefore the actual procedure may vary somewhat. However, troubleshooting should be performed while referring to the inspection methods described in this manual.
- Before beginning inspection, it is best to first make a simple check of the fuses, fusible links and the condition of the connectors.
- The following troubleshooting procedures are based on the supposition that the trouble lies in either a short or open circuit within the computer.
- If engine trouble occurs even though proper operating voltage is detected in the computer connector, then it can be assumed that the ECM is faulty and should be replaced.



LOCATION OF FUSES AND FUSIBLE LINKS



MFI SYSTEM CHECK PROCEDURE (4A–FE)

HINT:

- Perform all voltage measurements with the connectors connected.
- Verify that the battery voltage is 11 V or more when the ignition switch is in "ON" position.

Using a voltmeter with high impedance (10 k Ω /V mini– mum), measure the voltage at each terminal of the wiring connectors.

Terminals of Engine ECM (4A–FE)

Symbol	Terminal Name	Symbol	Terminal Name	Symbol	Terminal Name
E01	POWER GROUND	IGT	IGNITER	ACT	A/C AMPLIFIER
E02	POWER GROUND	IDL	THROTTLE POSITION SENSOR	^{*2} ODT	O/D SOLENOID
No.10	INJECTOR	ТНА	INTAKE AIR TEMP. SENSOR		-
No.20	INJECTOR	VCC	VACUUM SENSOR		
STA	STARTER SWITCH	PIM	VACUUM SENSOR		
E1	ENGINE GROUND	PSW	THROTTLE POSITION SENSOR	SPD	SPEED SENSOR
ох	OXYGEN SENSOR	THW	ENGINE COOLANT TEMP. SENSOR	FC	CIRCUIT OPENING RELAY
\sim	-	E2	SENSOR GROUND	A/C	A/C COMPRESSOR
G⊖	DISTRIBUTOR GROUND	N SW	PARK/NEUTRAL POSITION SWITCH		· –
E21	SENSOR GROUND	^{*1} OD ^{*2} H T	O/D SOLENOID OXYGEN SENSOR HEATER		
G1	DISTRIBUTOR	EGR	EGR VSV	BATT	BATTERY
NE	DISTRIBUTOR	V–ISC	ACV VSV	w	MALFUNCTION INDICATOR LAMP
IGF	IGNITER	т	DATA LINK CONNECTOR 1	+B1	MFI MAIN RELAY
" THG	EGR GAS TEMP. SENSOR	VF	DATA LINK CONNECTOR 1	В	MFI MAIN RELAY

ECM Terminals

FI4266

*1 CALIF. only *2 Ex. CALIF.

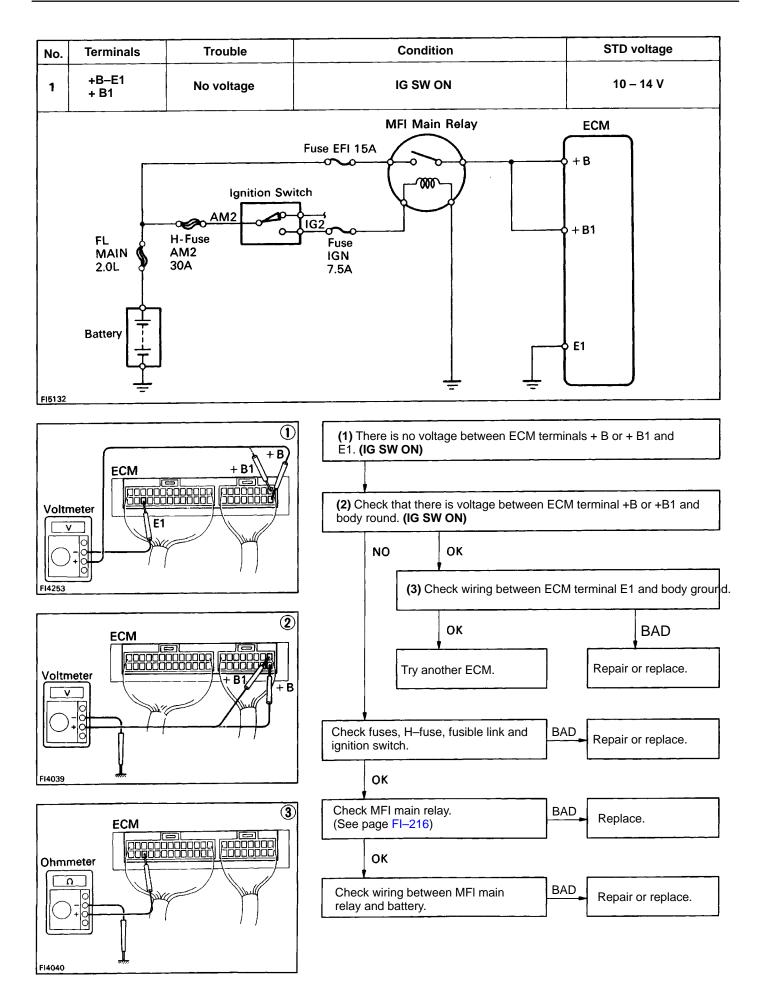
-	Л	J					IJ] -			ſ		η	Ţ			٦	F			П
I	E01	No. 10	STA	ох	G⊖	G1	IGF	IGT	тна	ΡΙΜ	тнw	ทรพ	EGR	т	АСТ		\checkmark	FC	\square	BATT	+ 81
I	E02	No. 20	E1	\square	E21	NE	THG	IDL	vcc	PSW	E2	OD or HT	v-ISC	VF	ODT	\checkmark	SPD	A/C		w	+ B

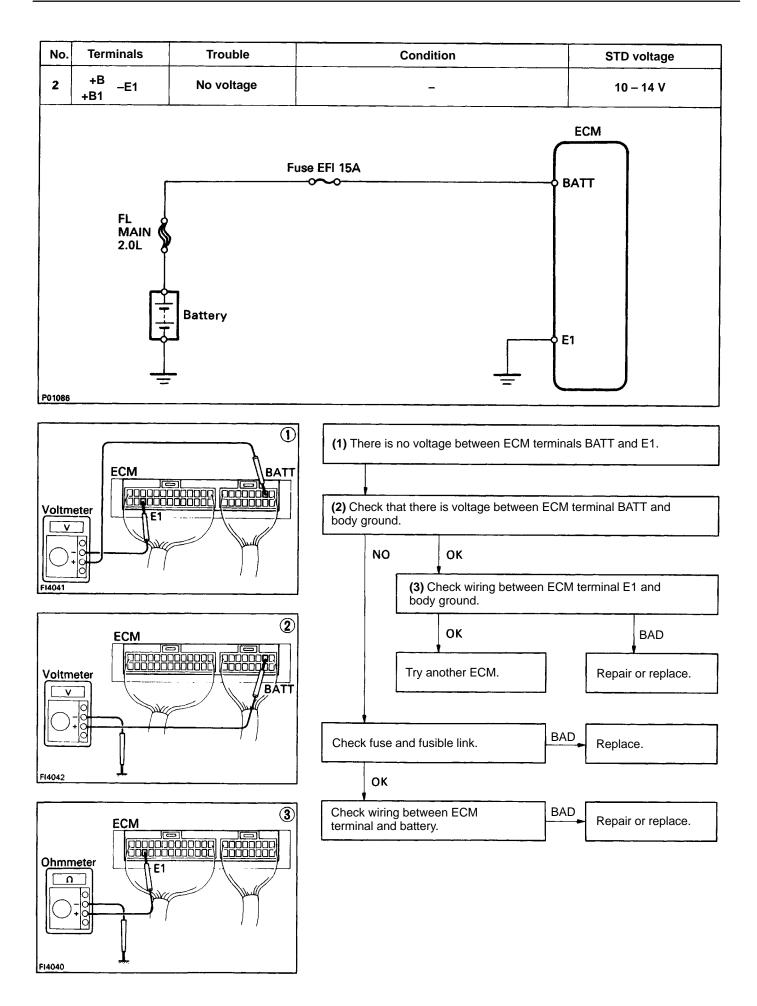
Voltage at ECM V	/iring Connectors (4A–FE)
(4A–FE)	

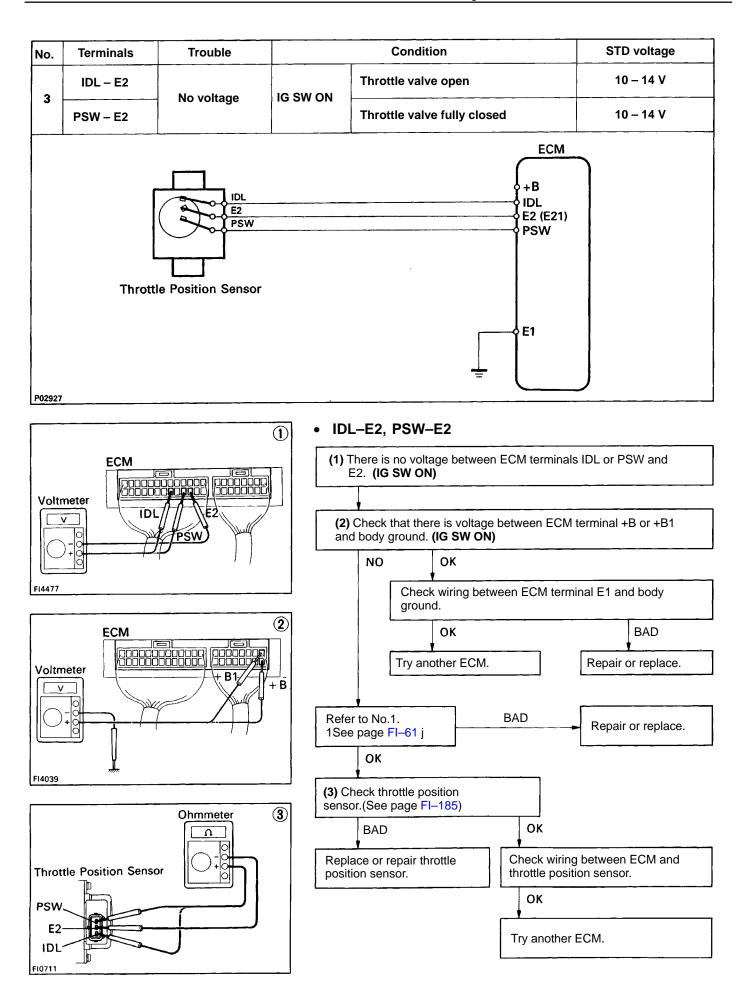
No.	Terminals		Condition	STD voltage (V)	See page
1	+B–E1 + B1	IG SW ON		10–14	FI–61
2.	BATT – E 1		_	10–14	FI-62
3	IDL – E2		Throttle valve open	10–14	FI_63
	PSW – E2	- IG SW ON	Throttle valve fully closed	10–14	
4	PIM – E2			3.3–3.9	FI64
	VCC – E2	IG SW ON		4.5–5.5	FI04
5	No. 10 E01 No. 20 E02			10–14	FI65
6	THA – E2	- IG SW ON	Intake air temp. 20°C (68°F)	1 –3	FI-66
7	THW – E2		Engine coolant temp. 80°C (176°F)	2.0–2.8	FI–67
8	STA – E1	Cranking		6–14	FI–68
9	IGT – E1	Cranking or idling		0.7–1.0	FI69
10	W- E1	No trouble (malfund running	tion indicator lamp off) and engine	10–14	FI–70
11	A/C – E1	IG SW ON	Air conditioning ON	8–14	FI–71

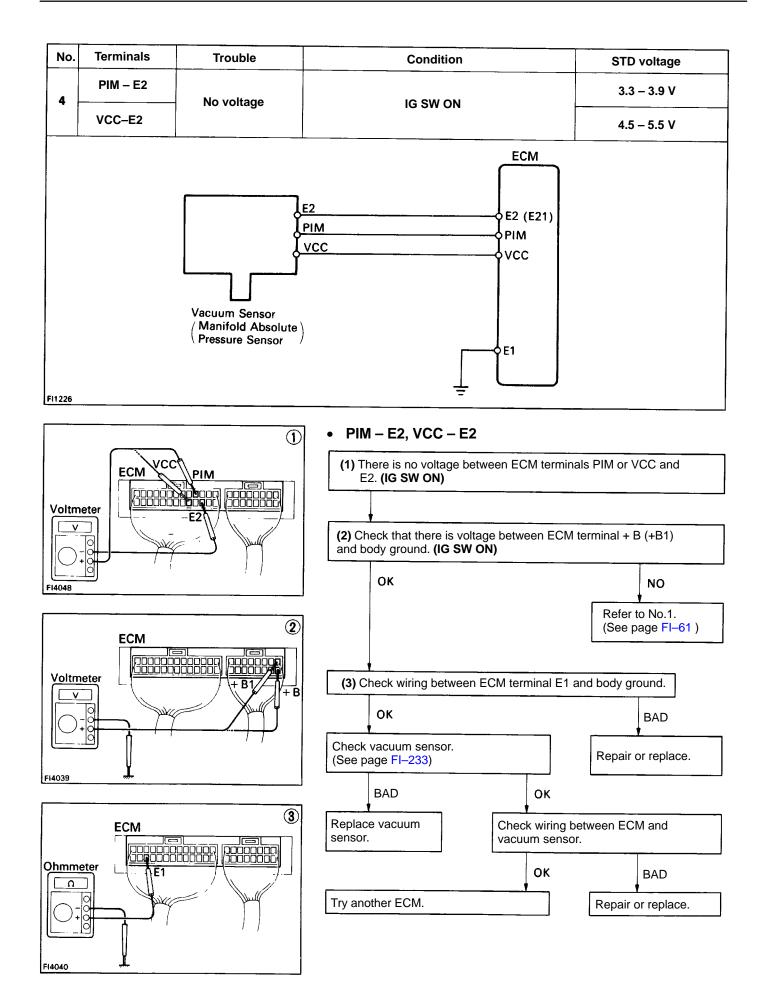
ECM Terminals

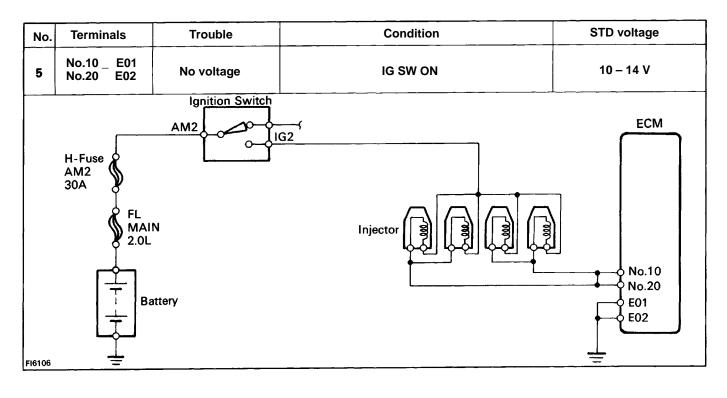
E01 No. STA OX G G1 IGF IGT THA PIM THW NSW EGR T ACT FC		_																	
	BATT + B1	FC	FC	\bigwedge	АСТ	Т	EGR	NSW	тнw	ыМ	тна	IGT	IGF	G1	G⊖	ох	STA	No. 10	E01
E02 No. E1 E21 NE THG IDL VCC PSW E2 OD V-ISC VF ODT SPD A/C	W + B	A/C	SPD A/	SP	ODT	VF	v-ISC	OD or HT	E2	PSW	vcc	IDL	THG	NE	E21	\angle	E1	No. 20	E02

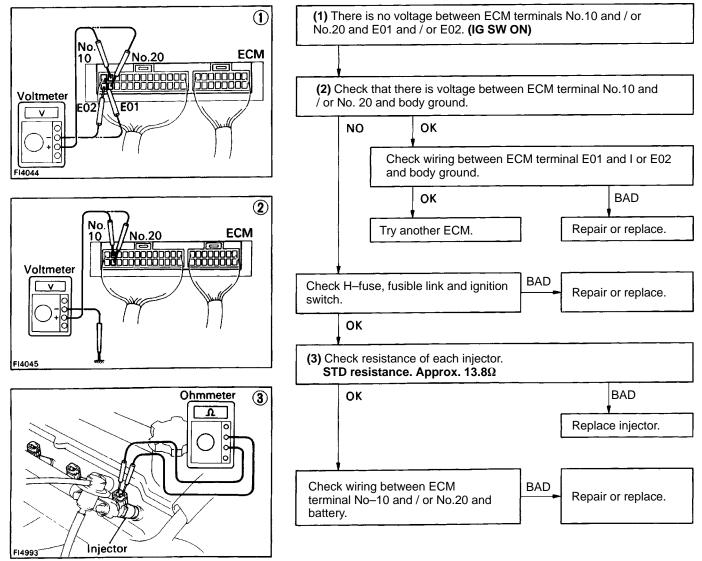


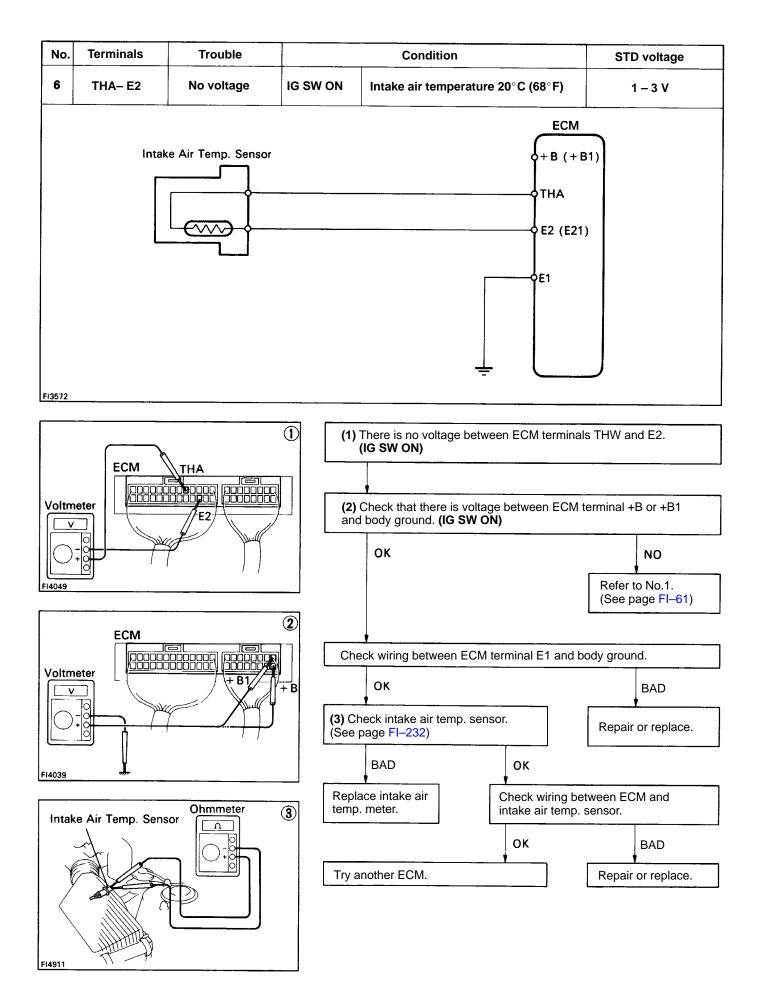


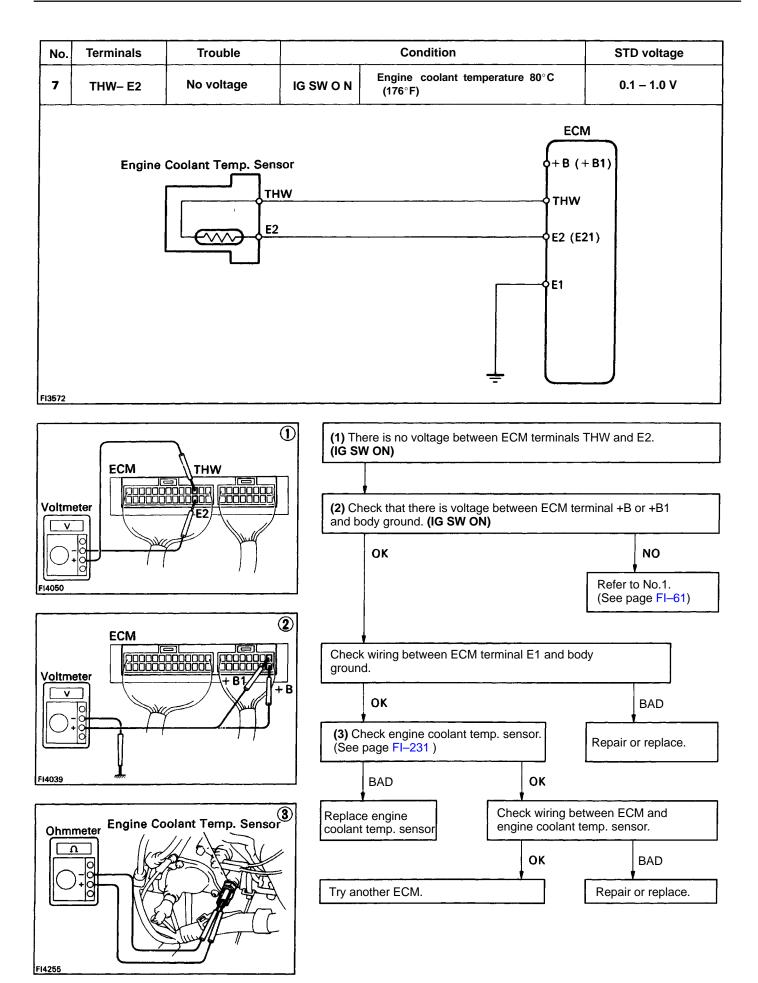


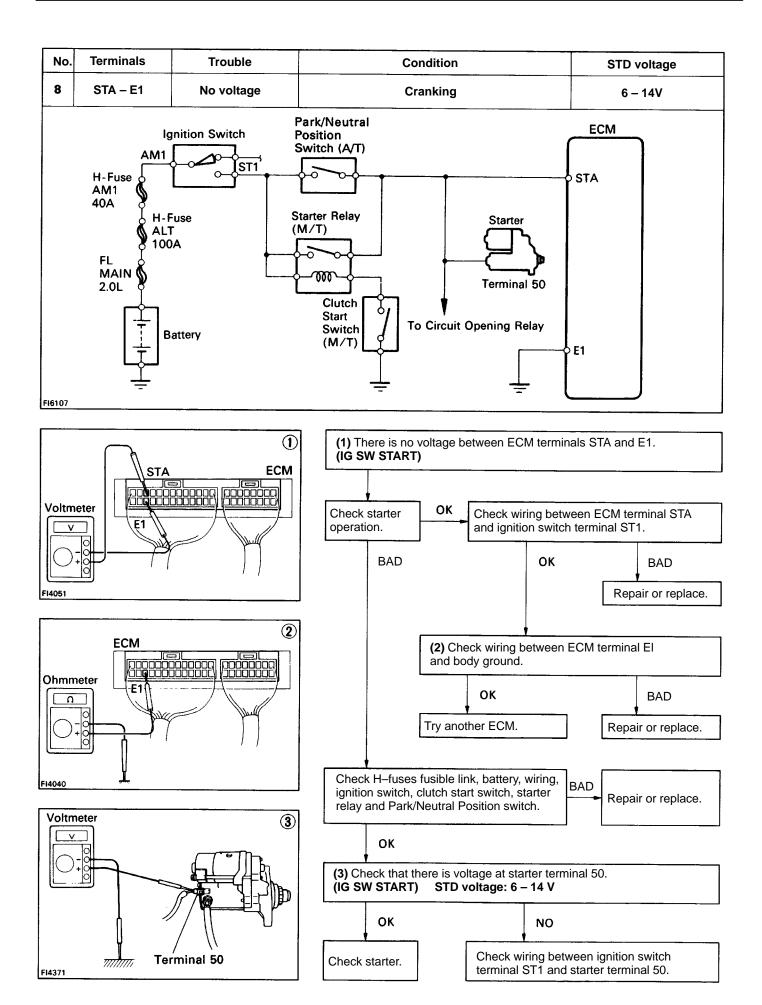


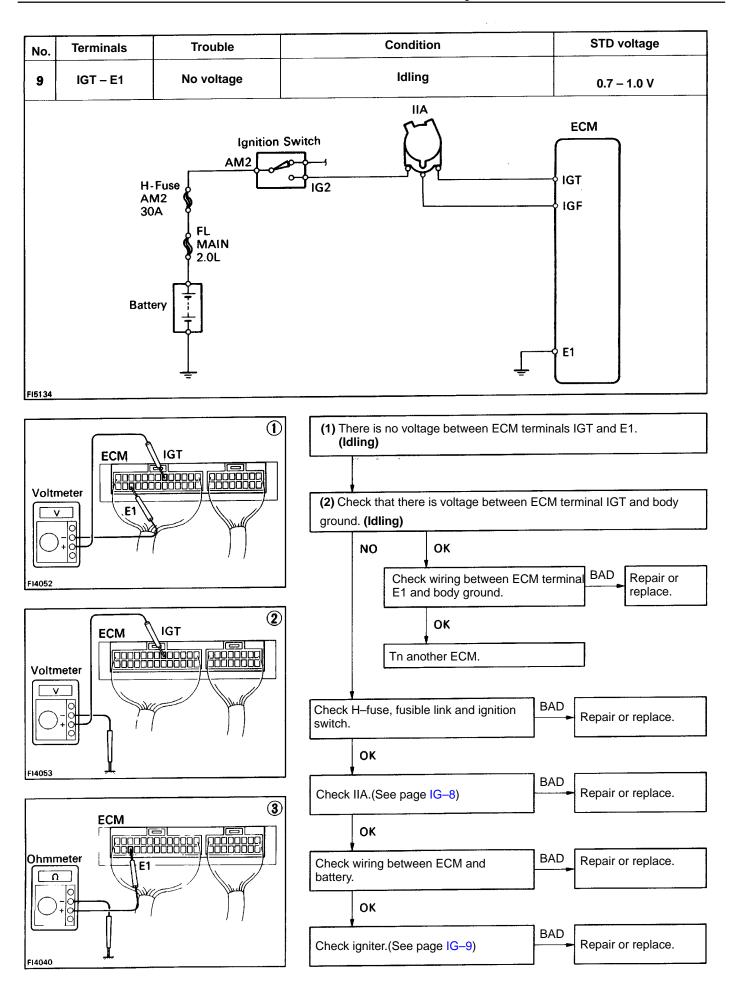


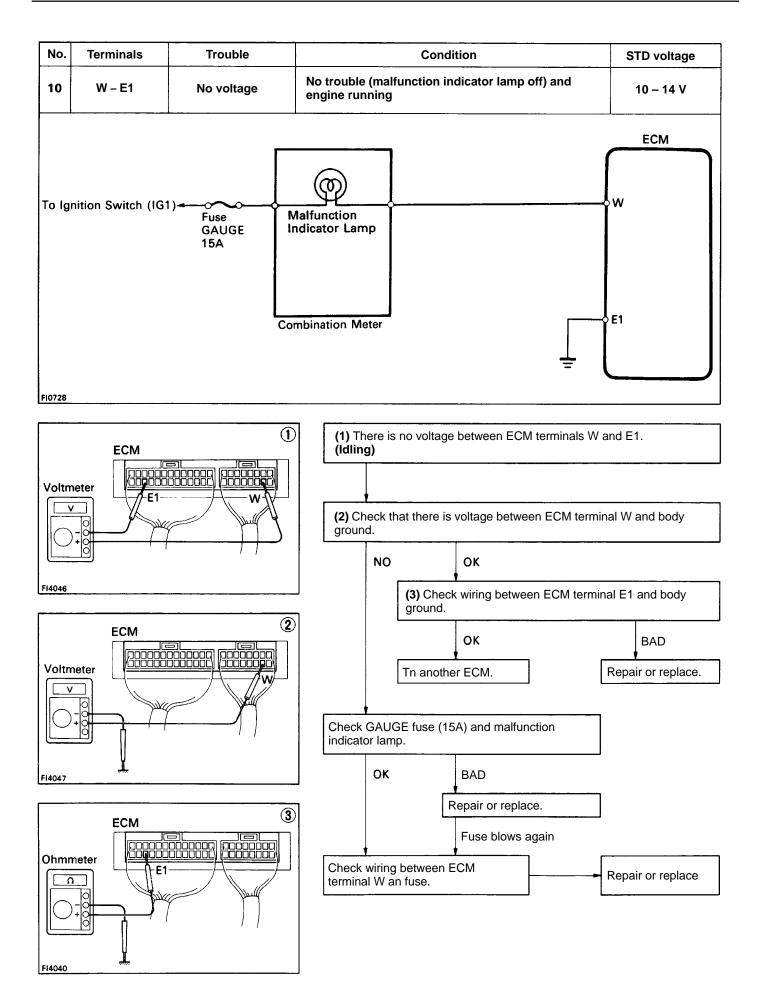


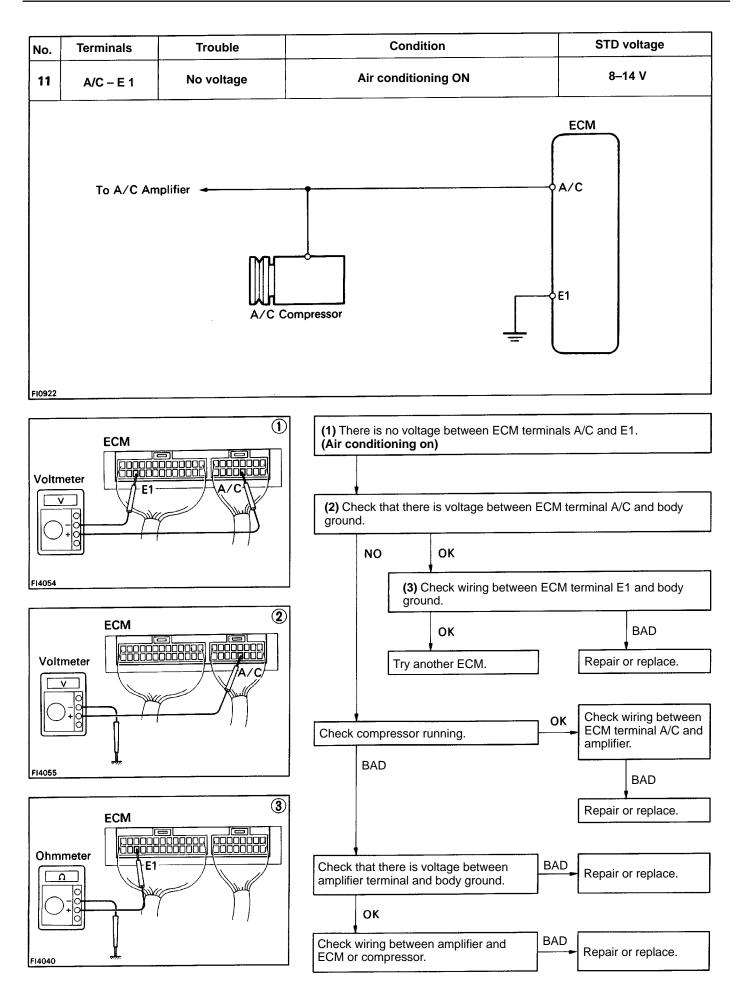


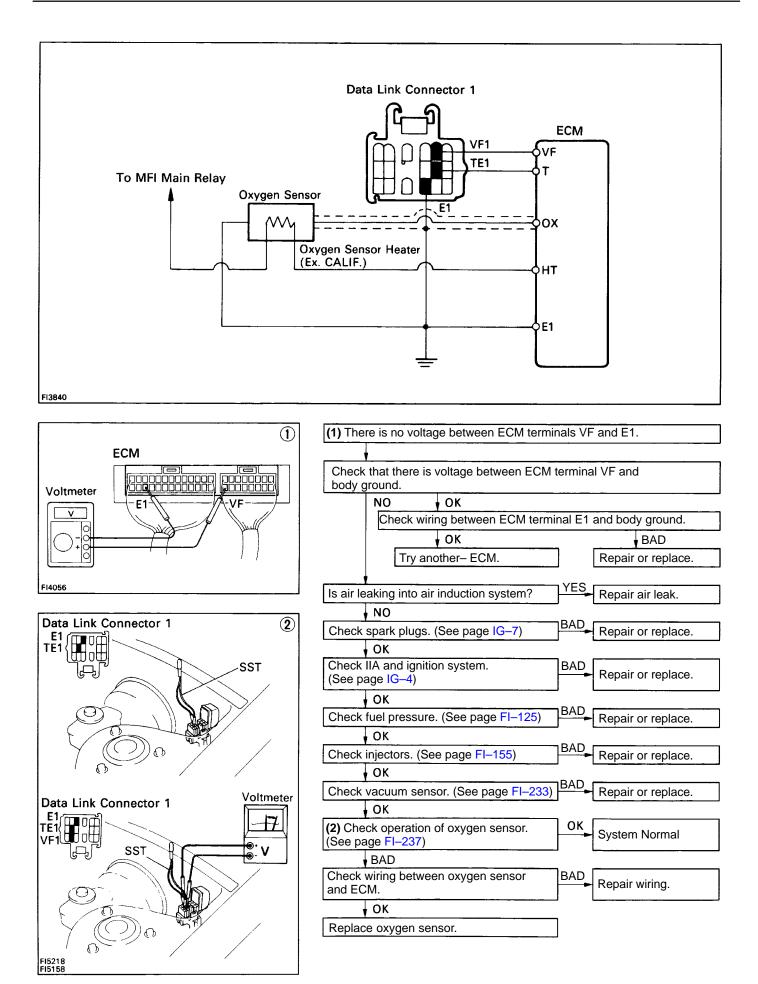


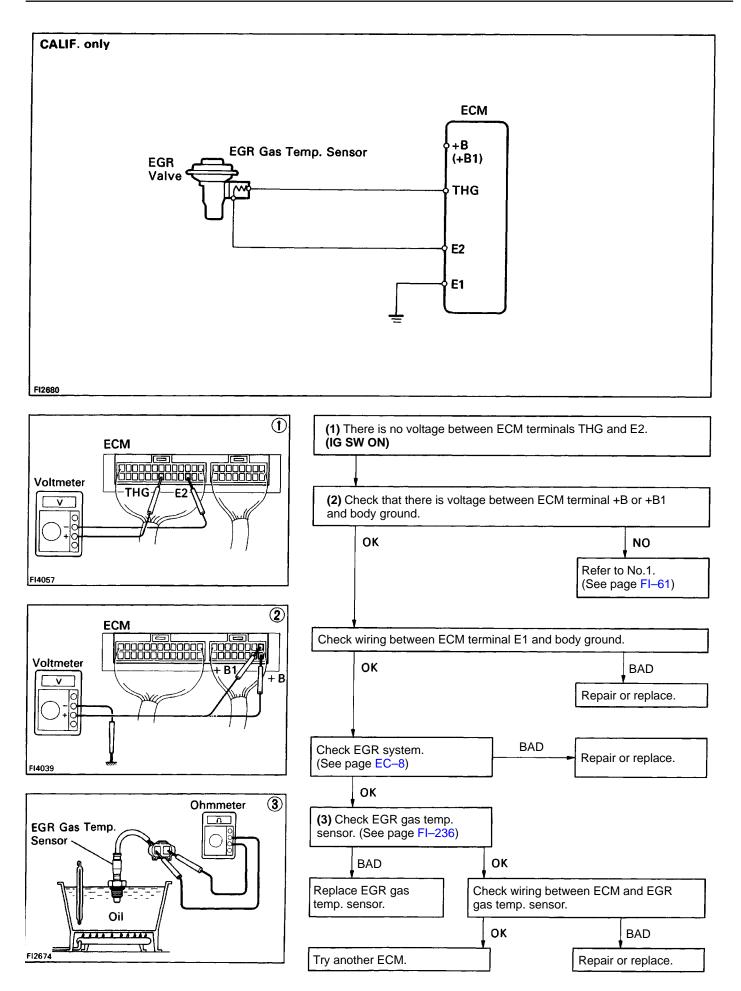


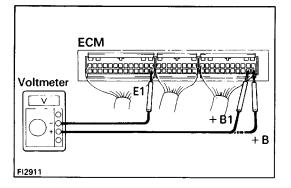












SFI SYSTEM CHECK PROCEDURE (3S–GTE)

HINT:

- Perform all voltage measurements with the connectors disconnected.
- Verify that the battery voltage is 11 V or more when the ignition switch is in "ON" position. Using a voltmeter with high impedance (10 kΩ/V mini–mum), measure the voltage at each terminal of the wiring connectors.

Terminals of ECM (3S–GTE)

Terminal Name	Symbol	Terminal Name	Symbol	Terminal Name
POWER GROUND	TPC	TURBOCHARGING PRESSURE VSV	AC	A/C MAGNET SWITCH
POWER GROUND	\backslash	_	ACT	A/C AMPLIFIER
INJECTOR (No.1)	T–VIS	T-VIS VSV	SPD	SPEED SENSOR
INJECTOR (No.3)	E1	ENGINE GROUND	\square	
INJECTOR (No.2)	VF	DATA LINK CONNECTOR 1	\square	
INJECTOR (No.4)			\backslash	
IAC VALVE	\square		ATS	A/C AMPLIFIER
_	TE1	DATA LINK CONNECTOR 1		
IAC VALVE	ох	OXYGEN SENSOR	FPR	FUEL PUMP RELAY
	TE2	DATA LINK CONNECTOR 1		
OXYGEN SENSOR HEATER	PIM	TURBOCHARGING PRES- SURE SENSOR	w	MALFUNCTION INDICATOR LAMP
_	KNK	KNOCK SENSOR		
COLD START INJECTOR	THW	ENGINE COOLANT TEMP. SENSOR	STP	STOP LIGHT SWITCH
IGNITER	IDL	THROTTLE POSITION SENSOR		
EGR VSV	THA	AIR TEMP. SENSOR	\square	
_	VTA	THROTTLE POSITION SENSOR	FC	CIRCUIT OPENING RELAY
DISTRIBUTOR	VS	VOLUME AIR FLOW METER	E LS	HEADLIGHT DEFOGGER
DISTRIBUTOR	*THG	EGR GAS TEMP. SENSOR	+B I	SFI MAIN RELAY
DISTRIBUTOR	VC	SENSOR POWER SOURCE	BATT	BATTERY
DISTRIBUTOR	E2	SENSOR GROUND	+B	SFI MAIN RELAY
IGNITER	STA	STARTER SWITCH		*CALIF. only
			1	
	POWER GROUND POWER GROUND INJECTOR (No.1) INJECTOR (No.3) INJECTOR (No.2) INJECTOR (No.4) IAC VALVE IAC VALVE OCUPSION SENSOR HEATER OXYGEN SENSOR HEATER GR VSV ODISTRIBUTOR DISTRIBUTOR DISTRIBUTOR DISTRIBUTOR	POWER GROUND TPC POWER GROUND T-VIS INJECTOR (No.1) T-VIS INJECTOR (No.2) VF INJECTOR (No.2) VF INJECTOR (No.4) IAC VALVE OX IAC VALVE OX OXYGEN SENSOR HEATER PI M COLD START INJECTOR THW IGNITER IDL EGR VSV THA DISTRIBUTOR VS DISTRIBUTOR VC DISTRIBUTOR VC IGNITER E2	POWER GROUNDTPCTURBOCHARGING PRESSURE VSVPOWER GROUND——INJECTOR (No.1)T–VIST–VIS VSVINJECTOR (No.3)E1ENGINE GROUNDINJECTOR (No.2)VFDATA LINK CONNECTOR 1INJECTOR (No.4)——IAC VALVEOXOXYGEN SENSOR—TE1DATA LINK CONNECTOR 1IAC VALVEOXOXYGEN SENSOR—TE2DATA LINK CONNECTOR 1OXYGEN SENSOR HEATERPI MTURBOCHARGING PRES- SURE SENSOR—KNKKNOCK SENSORGOLD START INJECTORTHWENGINE COOLANT TEMP. SENSORIGNITERIDLTHROTTLE POSITION SENSORIGNITERIDLTHROTTLE POSITION SENSOREGR VSVTHAAIR TEMP. SENSORDISTRIBUTORVSVOLUME AIR FLOW METERDISTRIBUTORYCSENSOR POWER SOURCEDISTRIBUTORE2SENSOR GROUND	POWER GROUNDTPCTURBOCHARGING PRESSURE VSVACPOWER GROUND—ACTINJECTOR (No.1)T–VIST–VIS VSVSPDINJECTOR (No.3)E1ENGINE GROUNDINJECTOR (No.2)INJECTOR (No.2)VFDATA LINK CONNECTOR 1INJECTOR (No.4)IAC VALVEATS—TE1DATA LINK CONNECTOR 1IAC VALVEOXOXYGEN SENSOR—TE2DATA LINK CONNECTOR 1IAC VALVEOXOXYGEN SENSOR—TE2DATA LINK CONNECTOR 1OXYGEN SENSOR HEATERPI MTURBOCHARGING PRES- SURE SENSORW—KNKKNOCK SENSORSTPIGNITERIDLTHROTTLE POSITION SENSORSTPIGNITERIDLTHROTTLE POSITION SENSORFCDISTRIBUTORVSVOLUME AIR FLOW METERE LSDISTRIBUTORVCSENSOR GROUND+BISTRIBUTORVCSENSOR GROUND+B

ECM Terminals

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lE	01	N	o.1	No	.2 F	RSC	RS	с	HT	ST	J	EGR	G2	NE	IGF	TPC	TVIS	VF] ox	PIM	тнw	THA	VS	vc	ST.	A AC	SPD	\square	ATS	FPR	w	STP	\bigtriangledown	ELS	BATT
lE	02	No	o.3	No	.4	/	\mathcal{V}	1	/	G	T	_	G1	G⊝	\checkmark	\mathcal{V}	E1	\angle	TE 1	TE2	кик	IDL	VTA	THG	E2	\square			\checkmark	\bigvee	\bigvee	\square	\square	FC	+B1	+8

FI	-75
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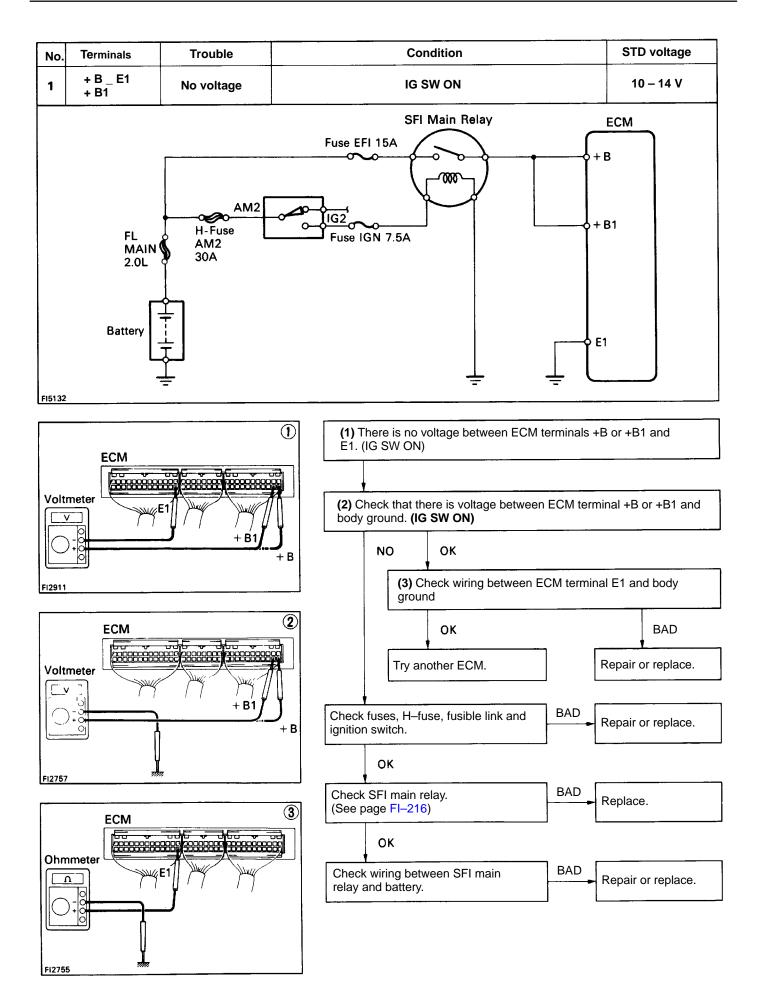
No.	Terminals		Condition	STD voltage (V)	See page
1	+ B – E1 + B1	IG SW ON		10–14	FI–7s
2	BATT – E1		_	10–14	FI-77
	I D L – E2		Throttle valve open	4.5–5.5	
	VC – E2	-	_	4.5–5.5	FI–7
3	VTA – E 2		Throttle valve fully closed (Throttle opener must be cancelled first)	0.1 –1.0	s
		IG SW ON	Throttle valve fully open	3.2–4.2	
	VC – E2		_	4.5–5.5	
Ē		_	Measuring plate fully closed	3.7–4.3	
4	VS – E2		Measuring plate fully open	0.2–0.5	FI-80
	VO 12	Idling		1.6–4.1	
		3,000 rpm		1.0–2.0	
5	No:1 No.2 E01 No.3 E02 No.4	IG SW ON		10–14	FI81
6	THA – E2		Intake air temp. 20°C (68°F)	1 –3	FI-82
7	TH W – E2	IG SW ON	Engine coolant temp. 80°C (176°F)	0.1 –1.1	FI-83
8	STA – E 1	Cranking		6–14	FI84
9	IGT – E1	Cranking or idling	9	0.8–1.2	FI85
10	RSC – E1 RSO	IG SW ON	ECM connectors disconnected	8–14	FI-85
11	W –EI	No trouble (malfu running	Inction indicator lamp off) and engine	10–14	F1–87
	PIM – E2			2.5–4.5	EI 00
12 -	VC – E2	- IG SW ON		4.5–5.5	- FI–88
13	AC – E 1	IG SW ON	Air conditioning ON	8–14	FI89

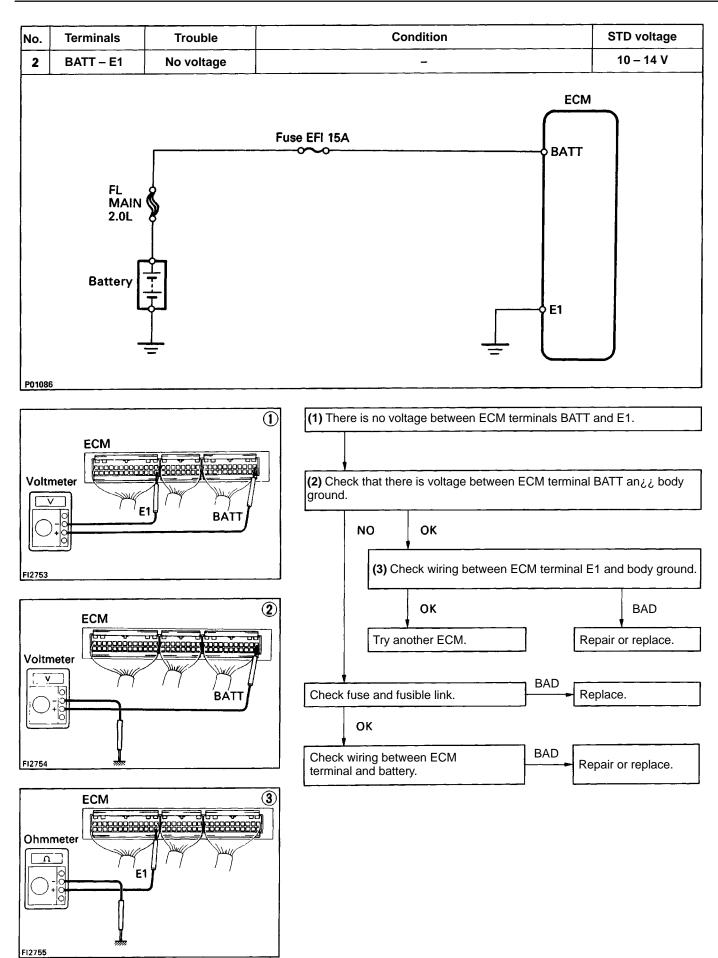
Voltage at ECM Wiring Connectors (3S–GTE)

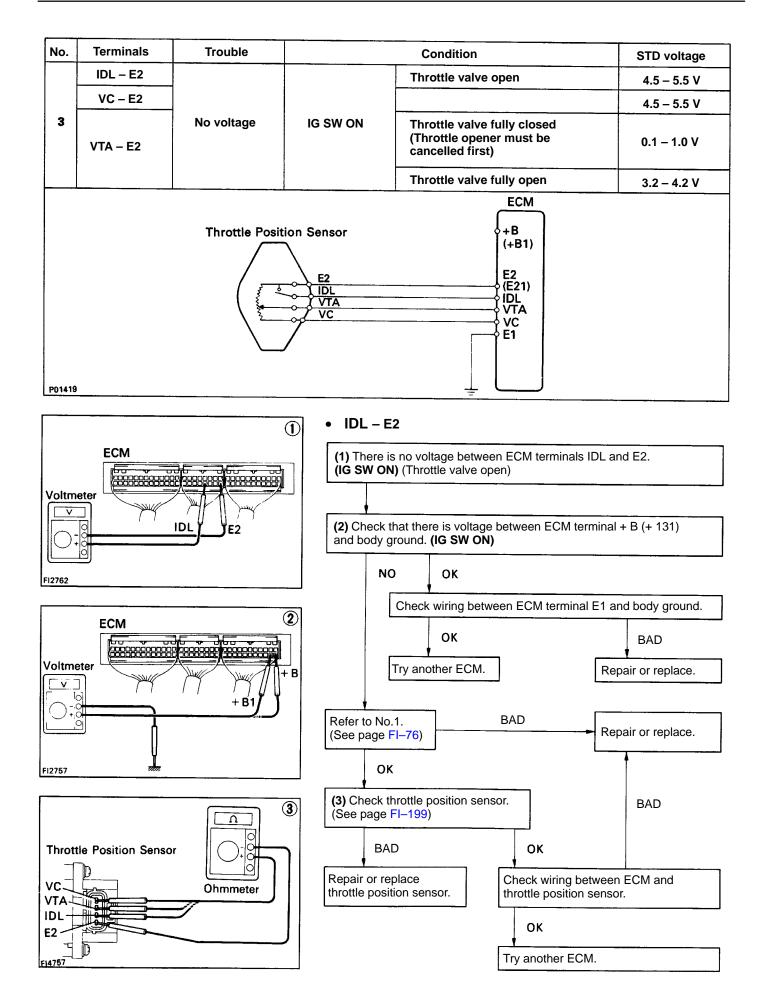
ECM Terminals

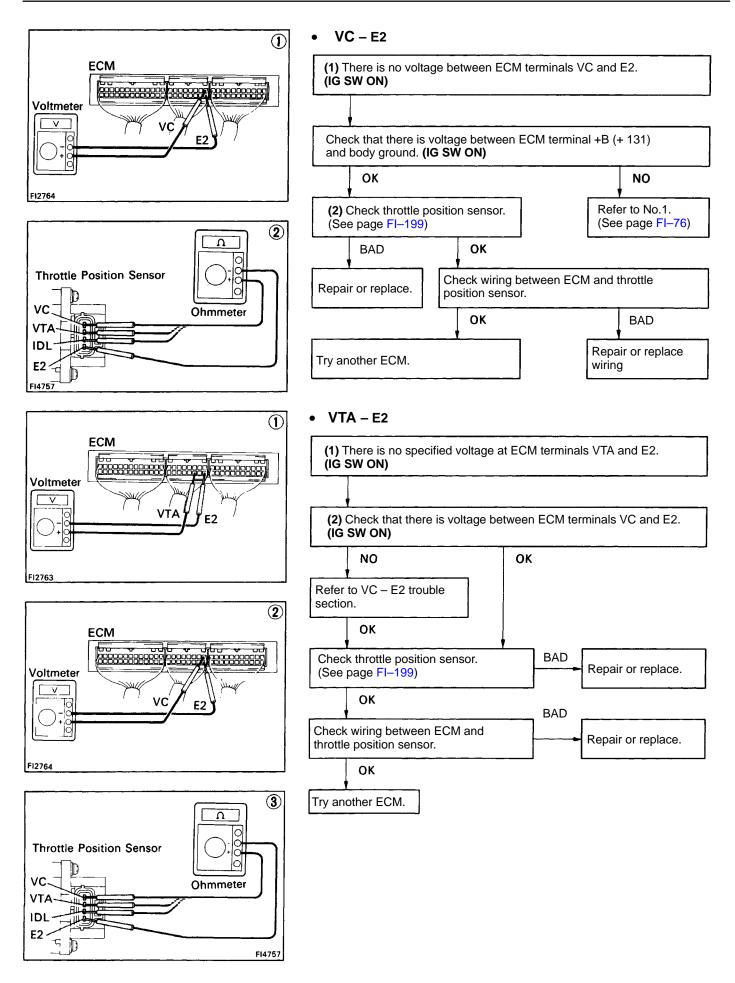
<u></u>			UV	പിസ്		
E01 No. 1 No. 2 RSO RSC	HT STJEGR G2	IE IGF TPC TVIS V		VS VC STA AC SPD	ATS FPR W STP	ELS BATT
E02 No.3No.4	IGT G1 G	Θ/Ε1	TE1 TE2 KNK IDL VTA	THG E2		FC +B1 +B

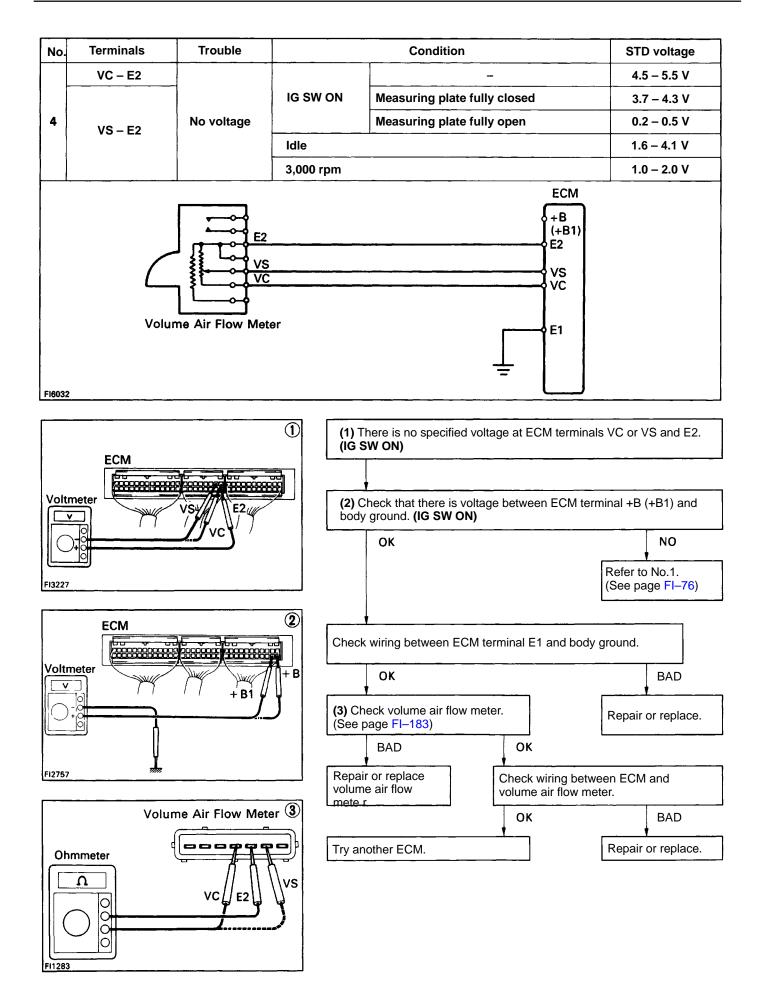
FI2796

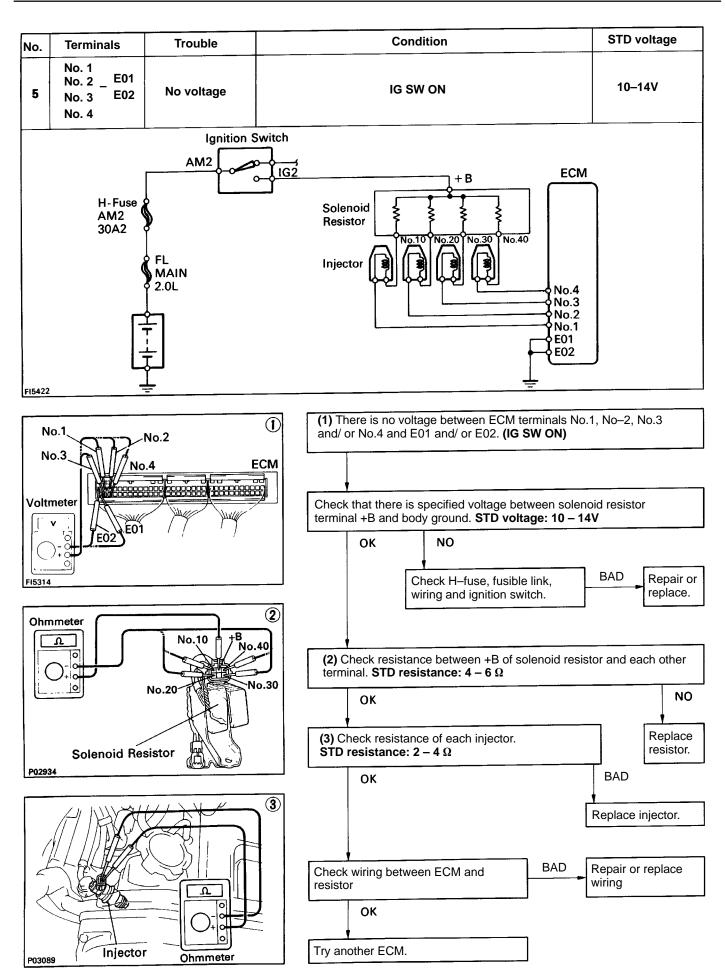


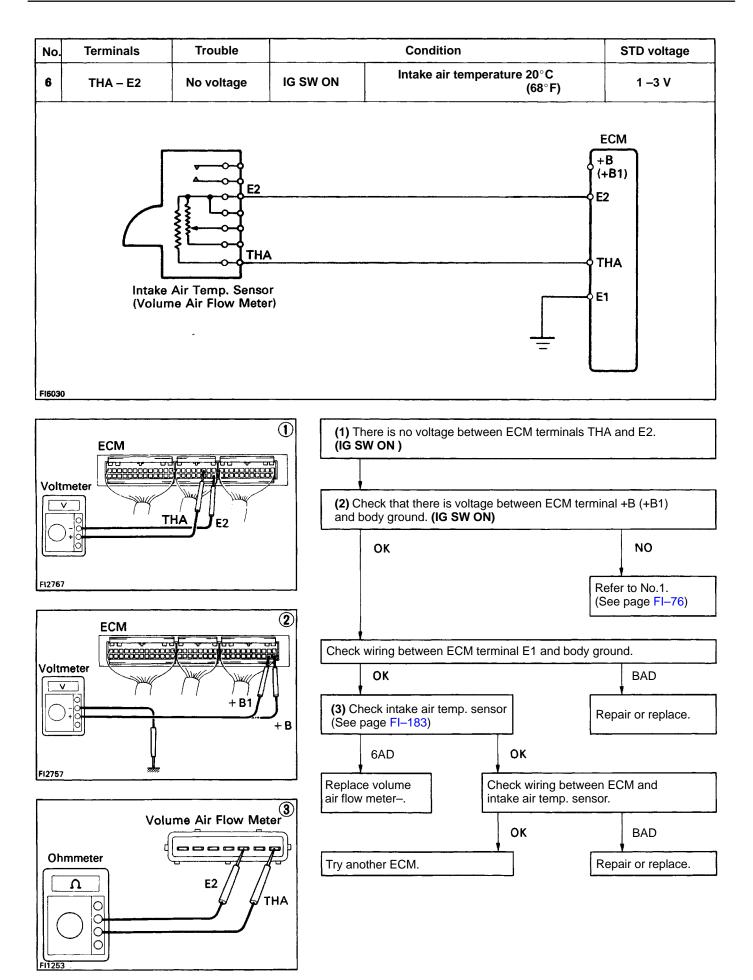


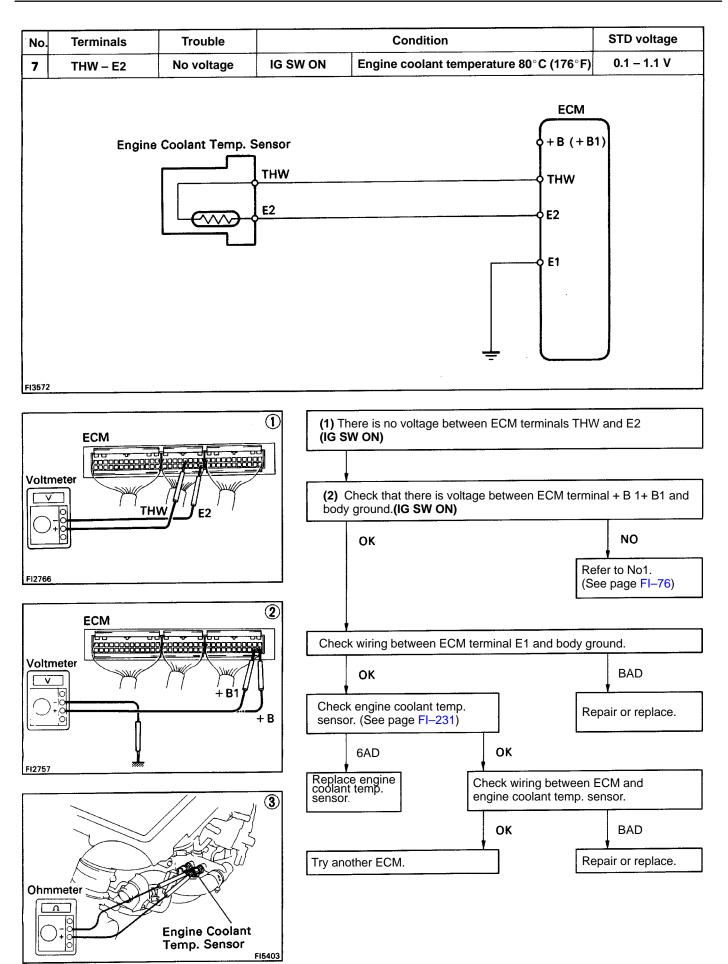


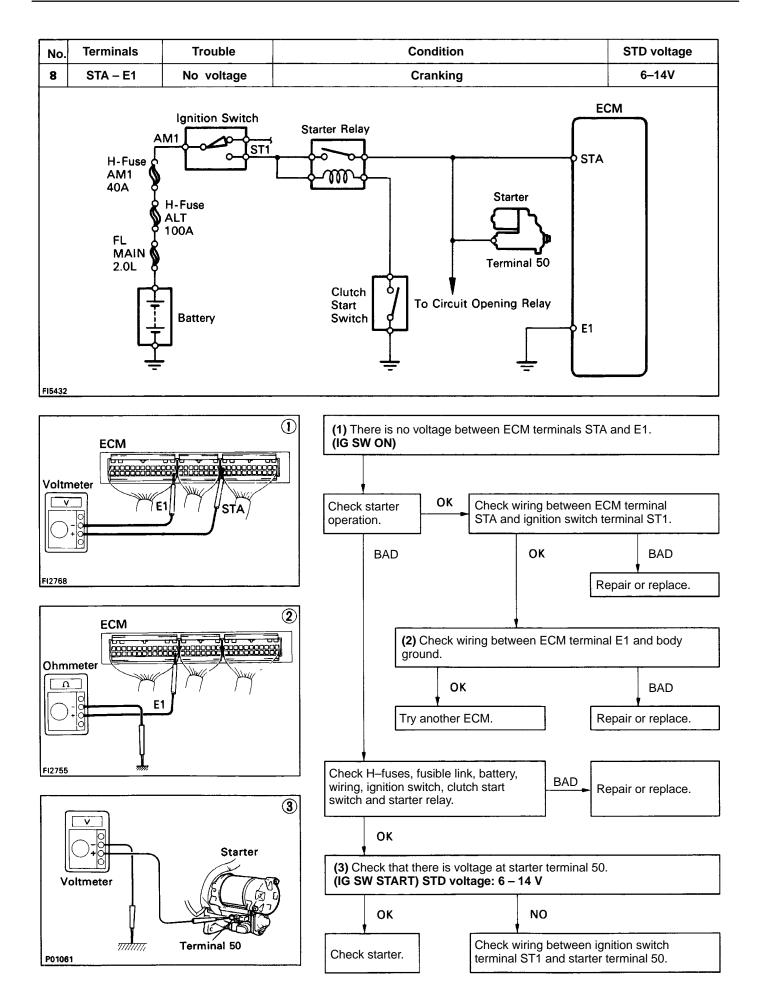


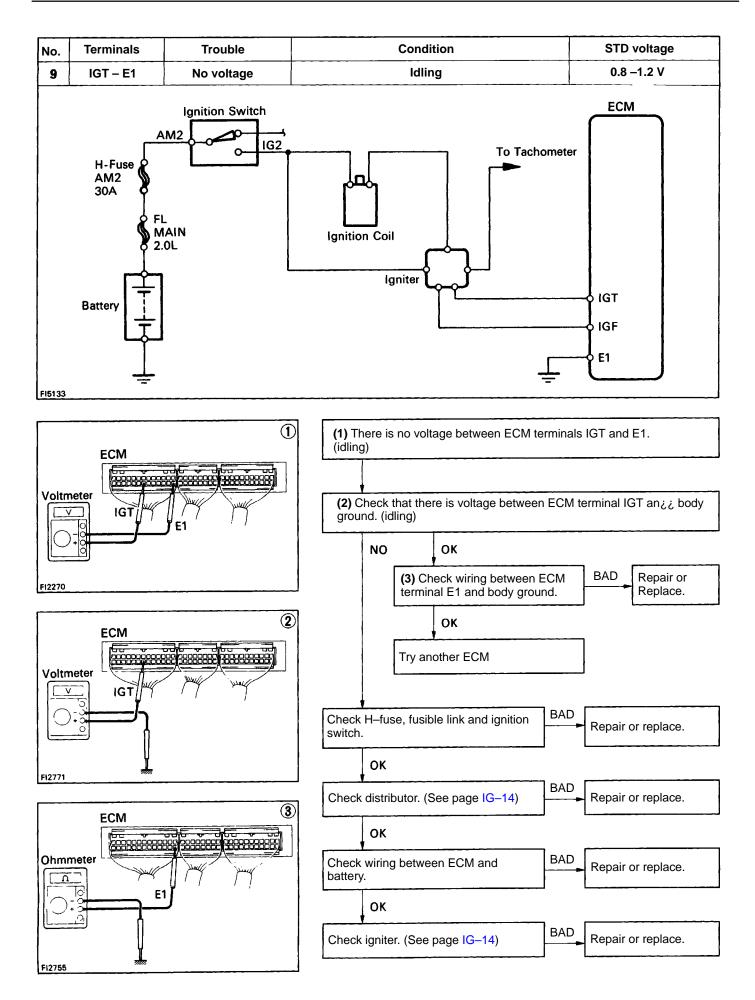


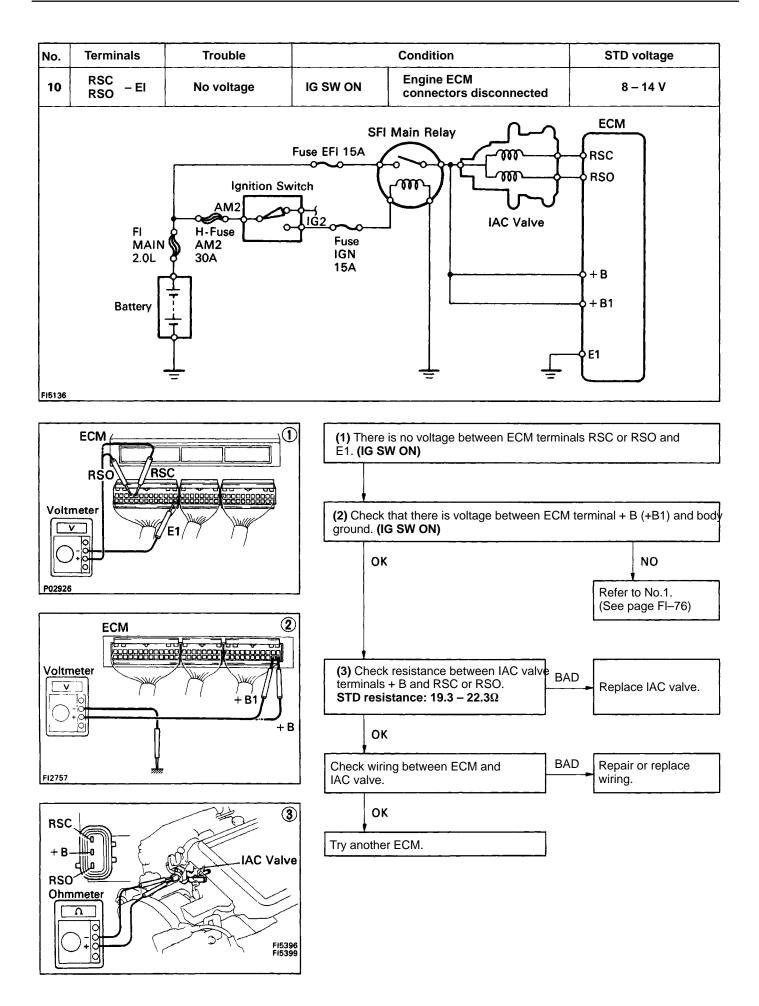


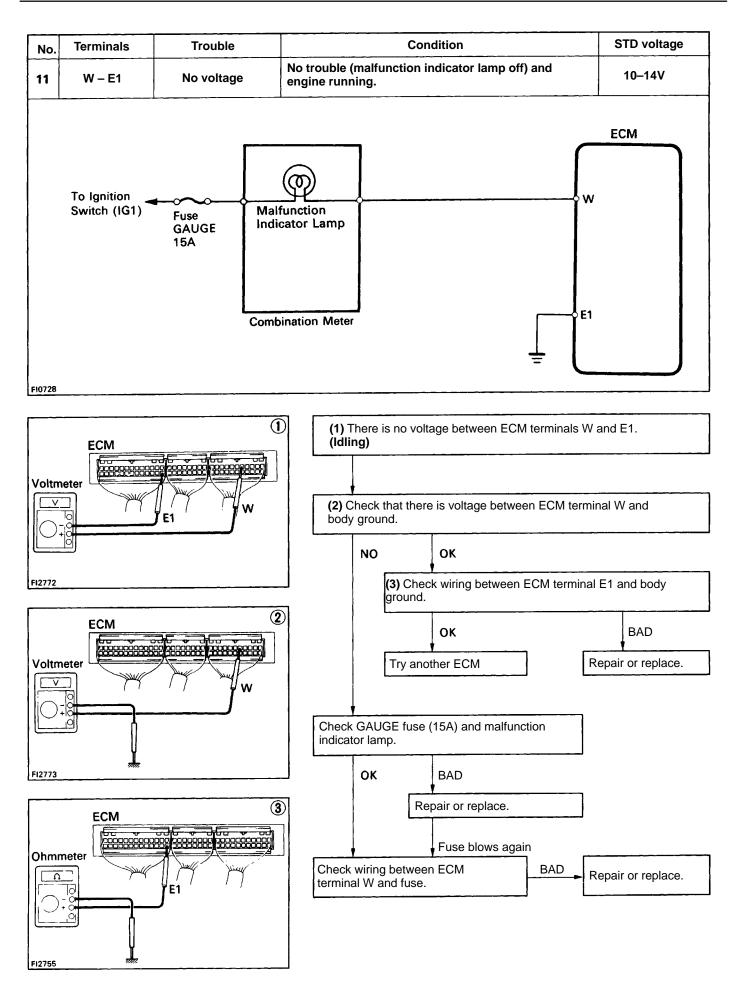


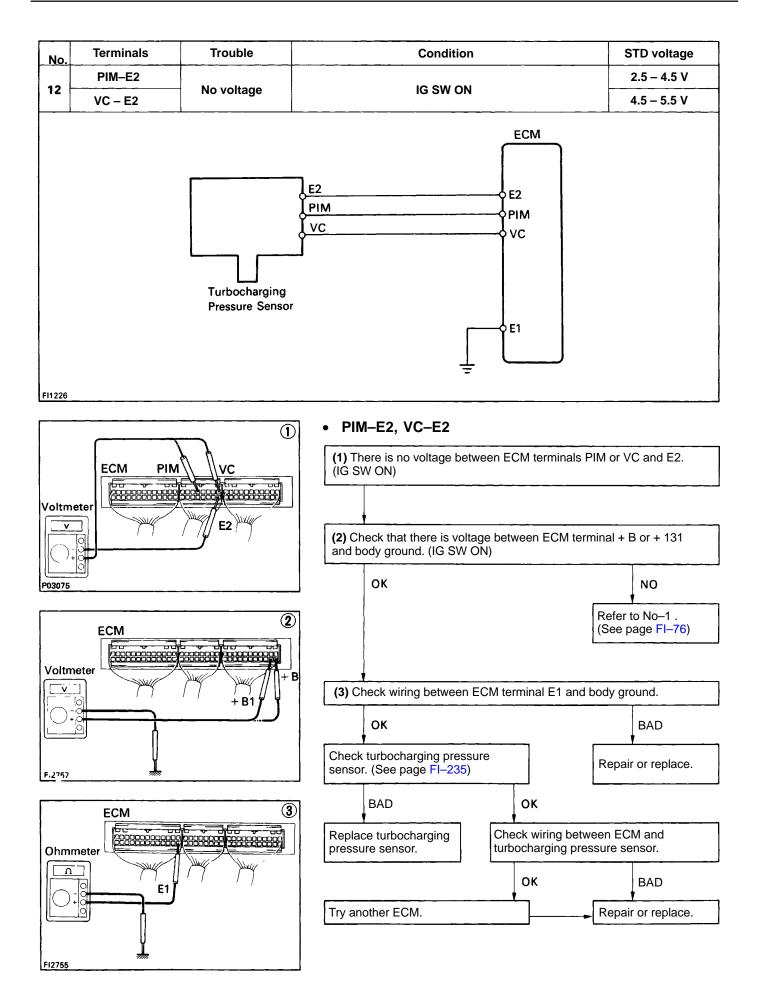


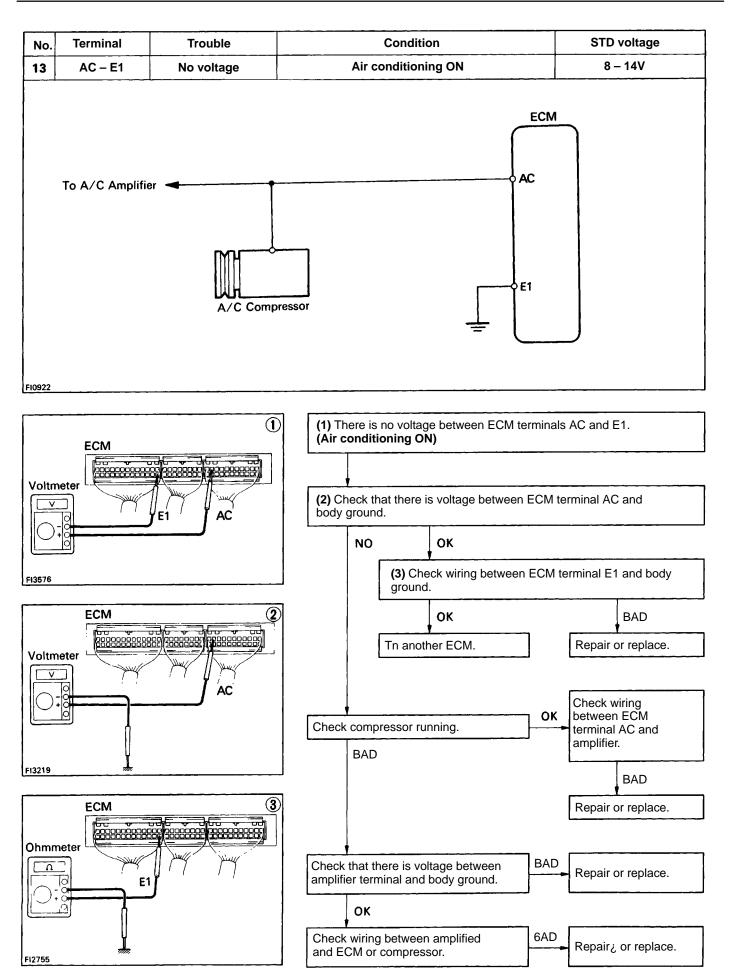


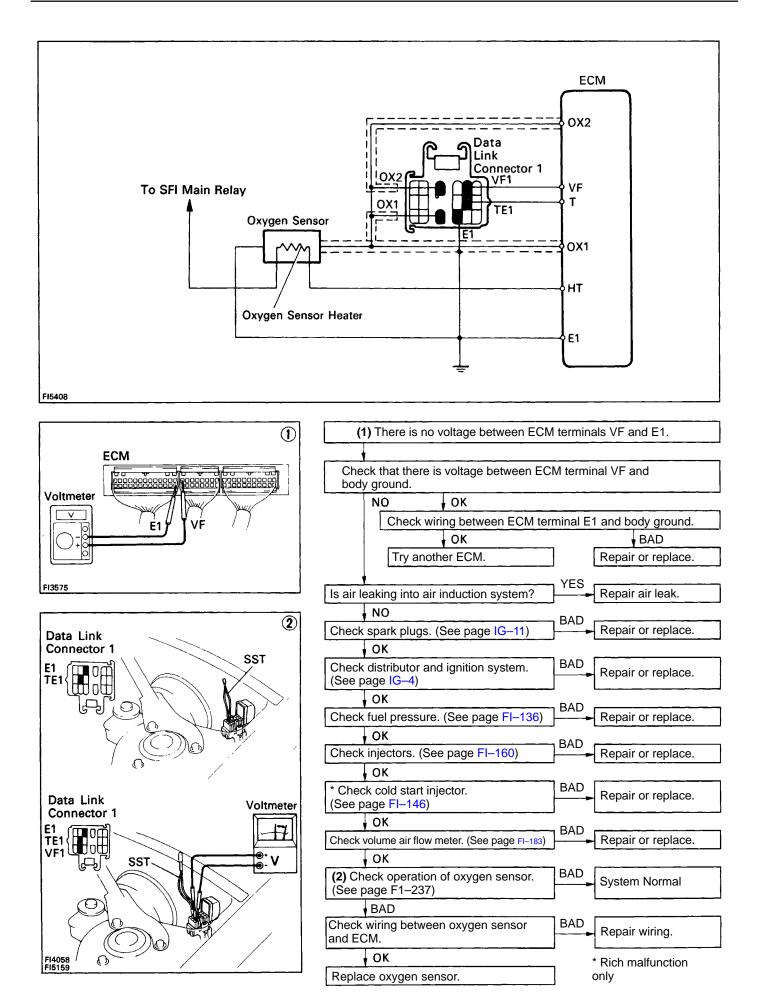


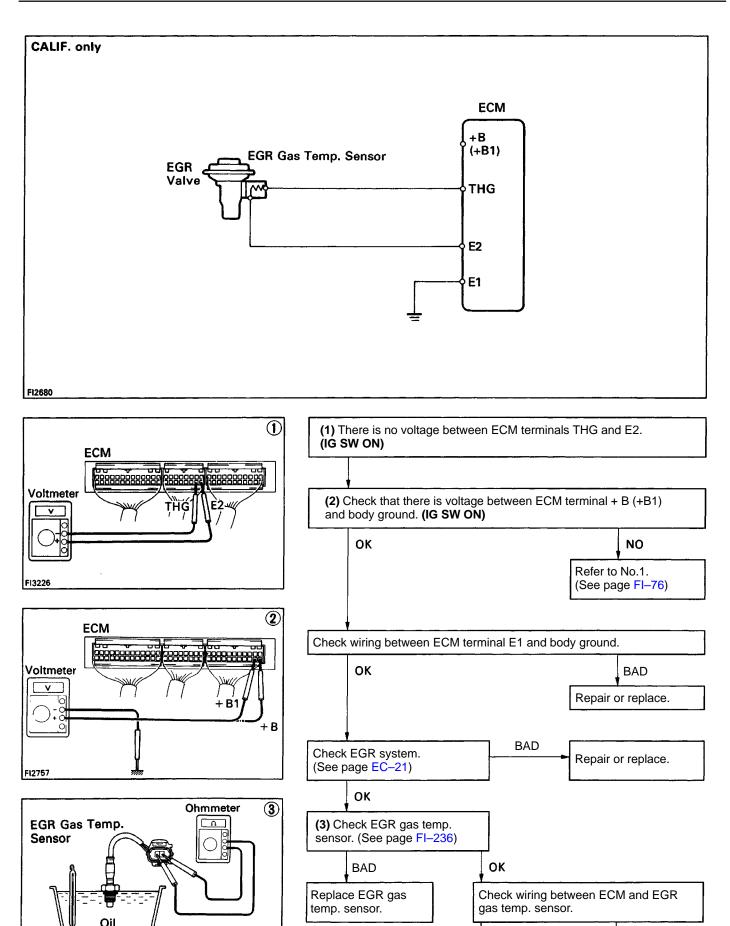












Try another ECM.

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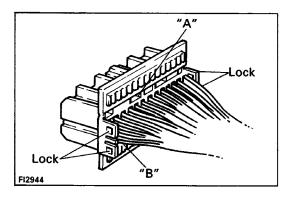
FI6320

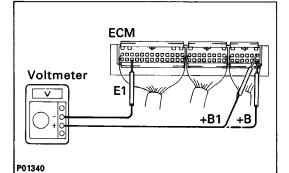
ОК

BAD

Repair or replace.







MFI SYSTEMS CHECK PROCEDURE (5S-FE MIT) PREPARATION

- (a) Disconnect the connectors from the ECM.
- (b) Remove the locks as shown in the illustration so that the tester probe(s) can easily come in.

NOTICE: Pay attention to sections "A" and "B" in the illustration which can be easily broken.

(c) Reconnect the connectors to the ECM.

HINT:

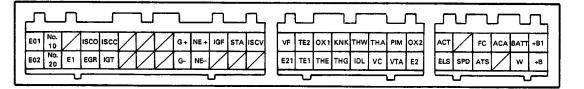
- Perform all voltage measurements with the connectors disconnected.
- Verify that the battery voltage is 11 V or more when the ignition switch is in the "ON" position.
 Using a voltmeter with high impedance (10 kΩ/V minimum), measure the voltage at each at each terminal of the wiring connectors.

Terminals of ECM (5S–FE M/T)

Symbol	Terminal Name	Symbol	Terminal Name	Symbol	Terminal Name
E01	POWER GROUND	N E+	DISTRIBUTOR	THA	AIR TEMP. SENSOR
E02	POWER GROUND	NE-	DISTRIBUTOR	vc	VACUUM SENSOR THROTTLE POSITION SENSOR
No.10	INJECTOR	IGF	IGNITER	PIM	VACUUM SENSOR
No.20	INJECTOR		_	VTA	THROTTLE POSITION SENSOR
\geq		STA	STARTER RELAY	*OX2	SUB-OXYGEN SENSOR
E1	ENGINE GROUND		_	E2	SENSOR GROUND
ISCO	ISV VALVE	SCV	A/C IDLE-UP VSV	ACT	A/C AMPLIFIER
EGR	EGR VSV			ELS	HEAD LIGHT AND DEFOGGER
ISCC	ISV VALVE	VF	DATA LINK CONNECTOR 1	\sim	_
IGT	IGNITER	E21	SENSOR GROUND	SPD	SPEED SENSOR
\sum		TE2	DATA LINK CONNECTOR 1	FC	CIRCUIT OPENING RELAY
\sum		TE 1	DATA LINK CONNECTOR 1	ATS	A/C AMPLIFIER
		ox i	MAIN OXYGEN SENSOR	ACA	A/C AMPLIFIER
	_	THE	EVAPORATOR TEMP. SENSOR	\sim	_
\geq	_	KNK	KNOCK SENSOR	BATT	BATTERY
\sum	_	*THG	EGR GAS TEMP. SENSOR	w	MALFUNCTION INDICATOR LAMP
G +	DISTRIBUTOR	THW	ENGINE COOLANT TEMP. SENSOR	+B1	MFI MAIN RELAY
G -	DISTRIBUTOR	IDL	THROTTLE POSITION SENSOR	+B	MFI MAIN RELAY

ECM Terminals

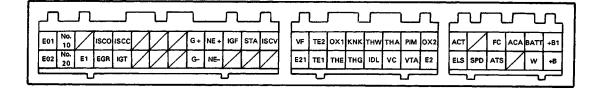
* Calif. only

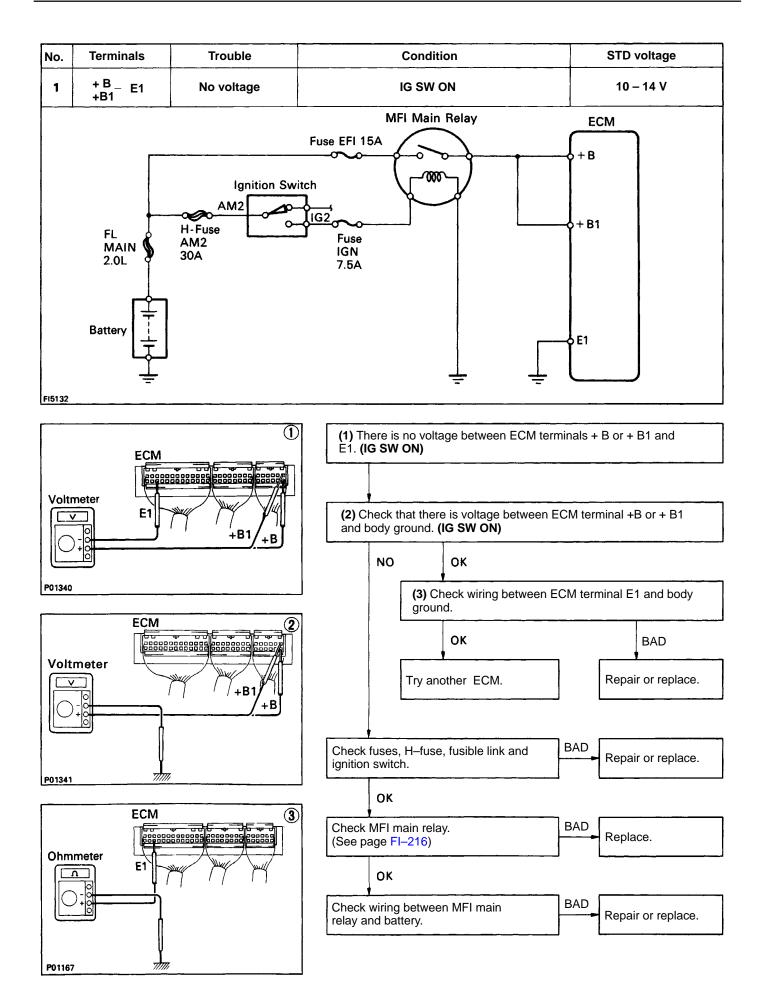


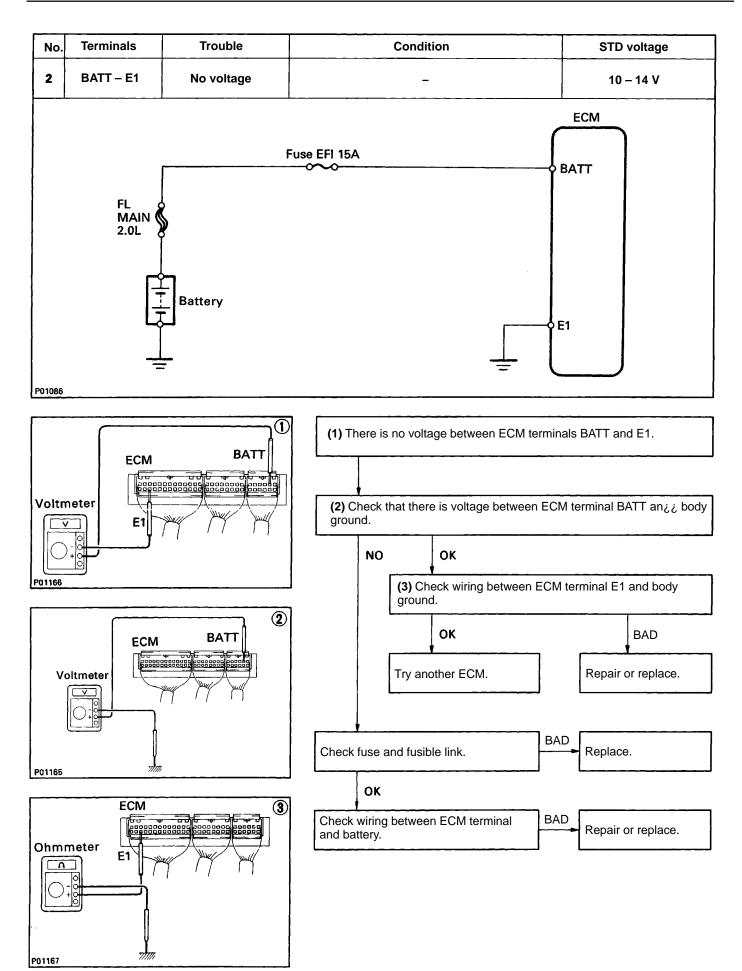
Voltage at ECM Wiring Connectors
(5S–FE M/T)

No.	Terminals	Condition		STD voltage (V)	See page
1	+B _ E 1 +B1	IG SW ON		10–14	FI–94
2	BATT – E1			10–14	FI-95
3	IDL – E2	• G SW ON	Throttle valve open	8–14	FI–96
	VC – E2			4.5–5.5	
	VTA – E2		Throttle valve fully closed (Throttle opener must be cancelled first)	0.8–1.2	
			Throttle valve fully open	3.2–4.2	
4	PIM–E2	IG SW ON		3.3–3.9	FI–98
	VC– E2			4.5–5.5	
5	No.10 _ E01 No.20 E02			10–14	FI–99
6	THA – E2	IG SW ON	Intake air temp. 20°C (168°F)	1.9–2.9	FI–100
7	THW – E2		Engine coolant temp. 80°C (176°F)	0.1–1.1	FI–101
8	STA – E 1	Cranking		6–14	FI-102
9	IGT– E1	Cranking or idling		0.8–1.2	FI–103
10	ISCC – E1 ISCO	IG SW ON	ECM connectors disconnected	8–14	FI–104
11	W–E1	No trouble (malfunction indicator lamp off) and engine running		10–14	FI–105

ECM Terminals

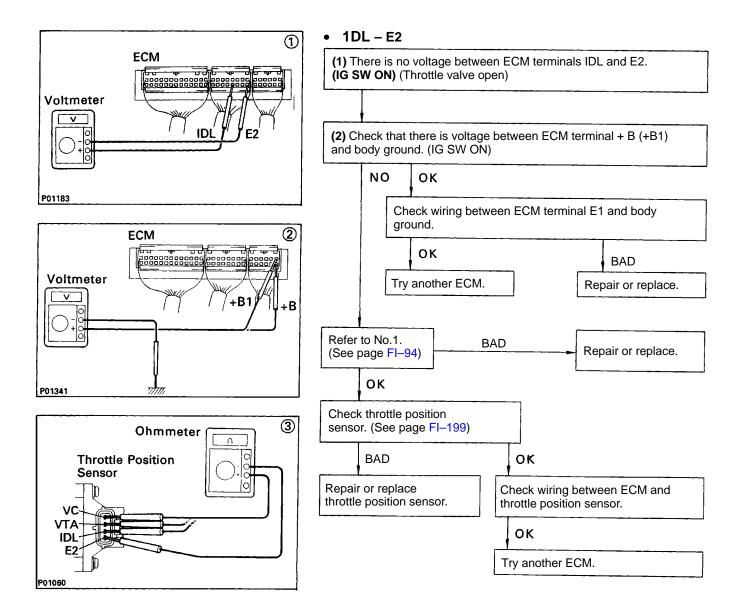


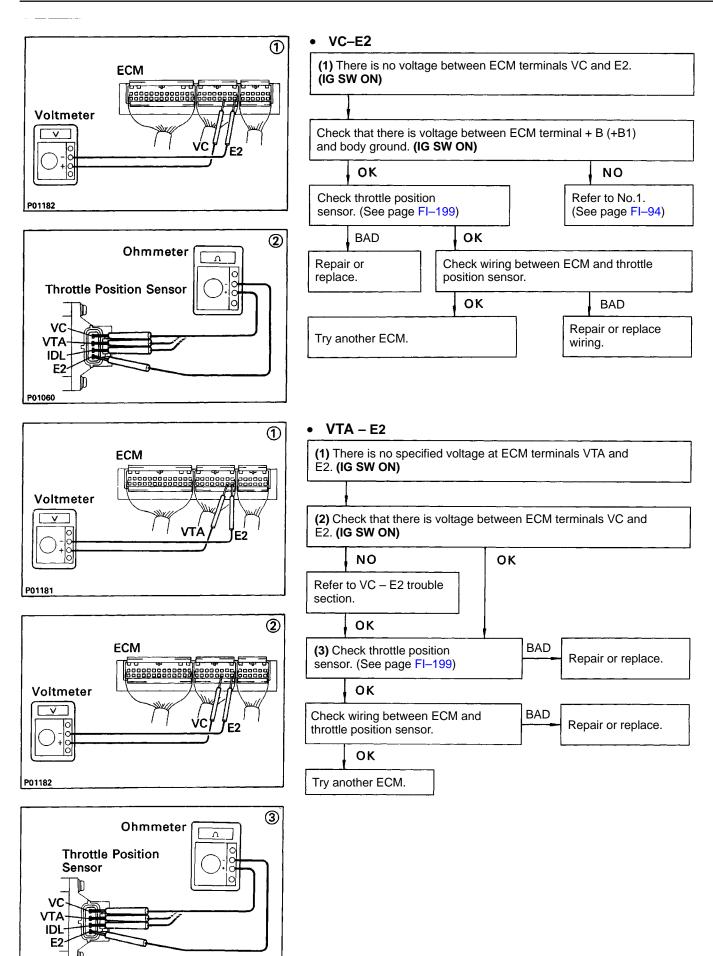




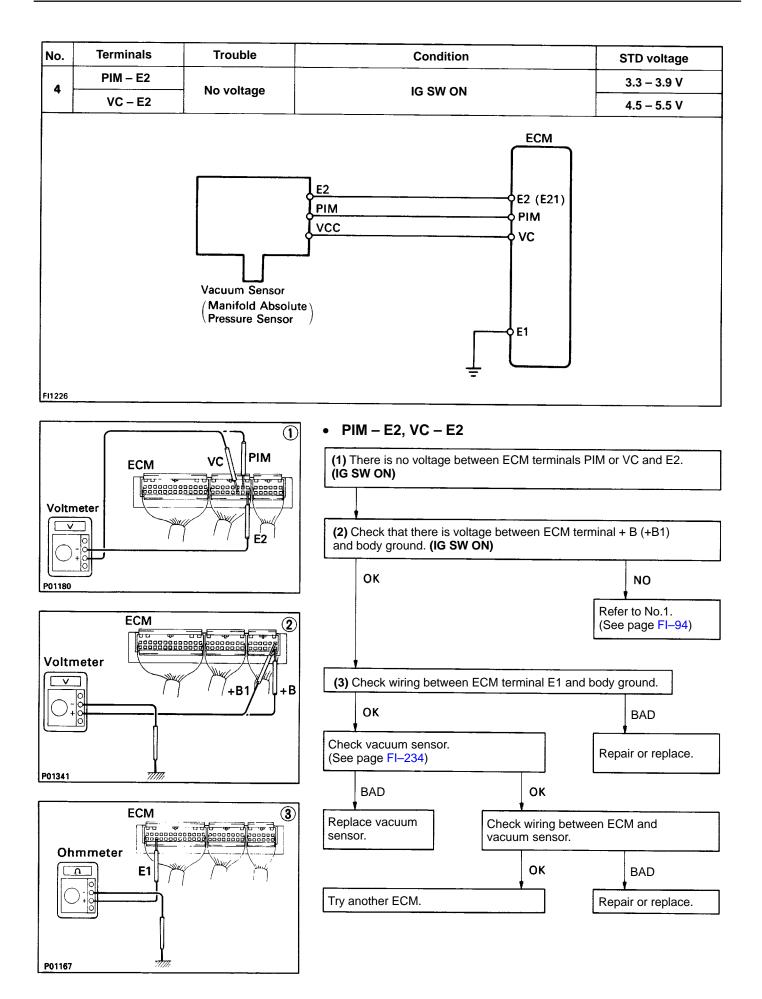
MFI AND SFI SYSTEMS - Troubleshooting with Volt Ohmmeter

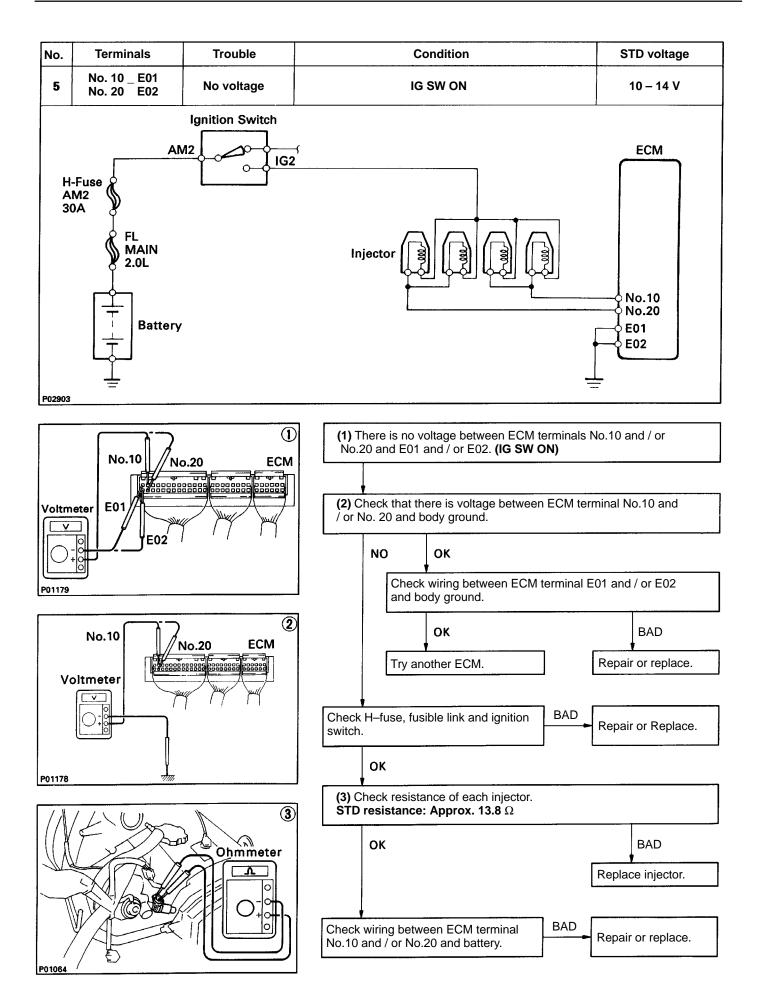
Terminals Trouble Condition No. STD voltage IDL – E2 Throttle valve open s–14v VC – E2 4.5 - 5.5 V 3 No voltage **IG SW ON** Throttle valve fully closed (Throttle opener must be 0.8 - 1.2 V cancelled first) VTA – E2 Throttle valve fully open 3.2 – 4.2 V ECM +B **Throttle Position Sensor** (+B1) E2 E2 IDL IDL <u>VTA</u> VTA VC VC E1 P01419

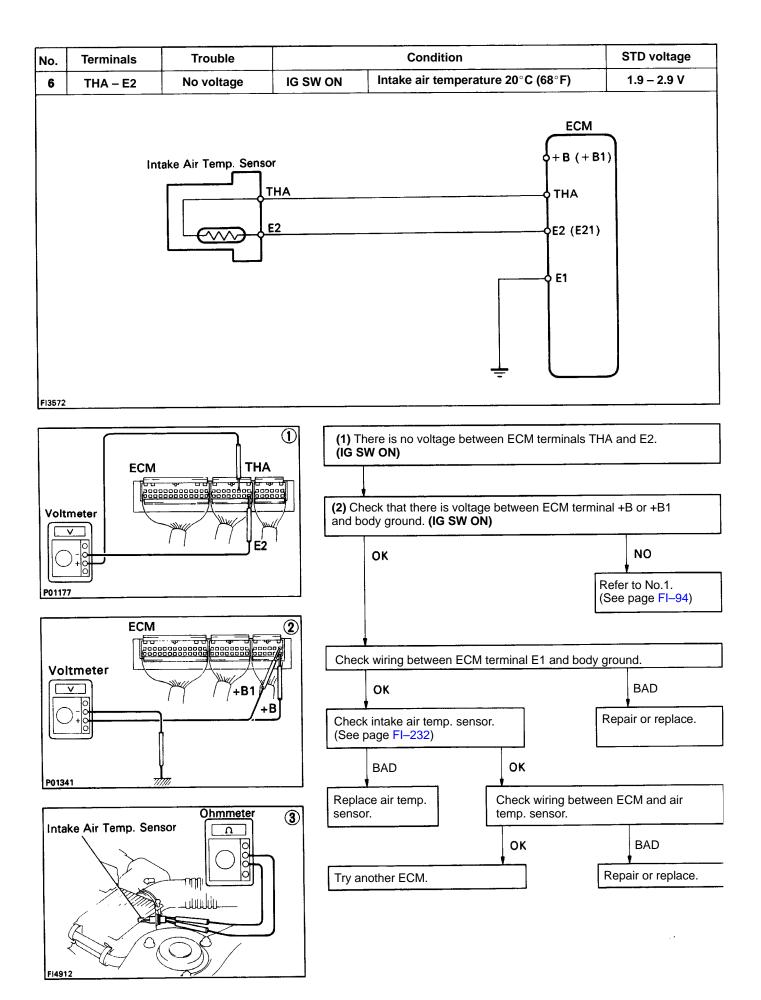


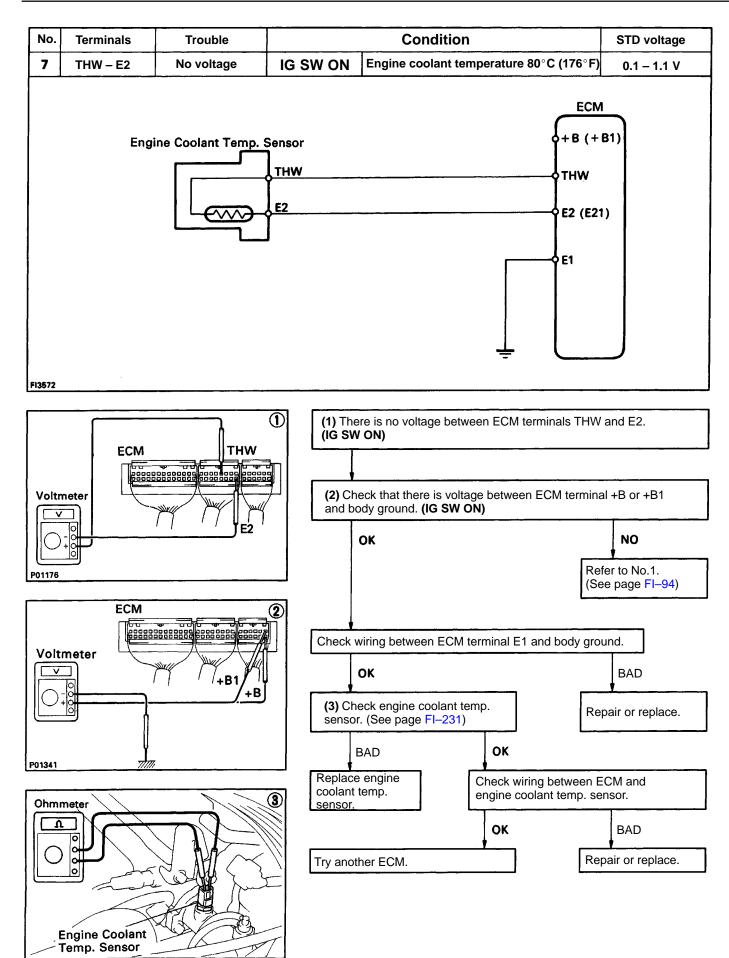


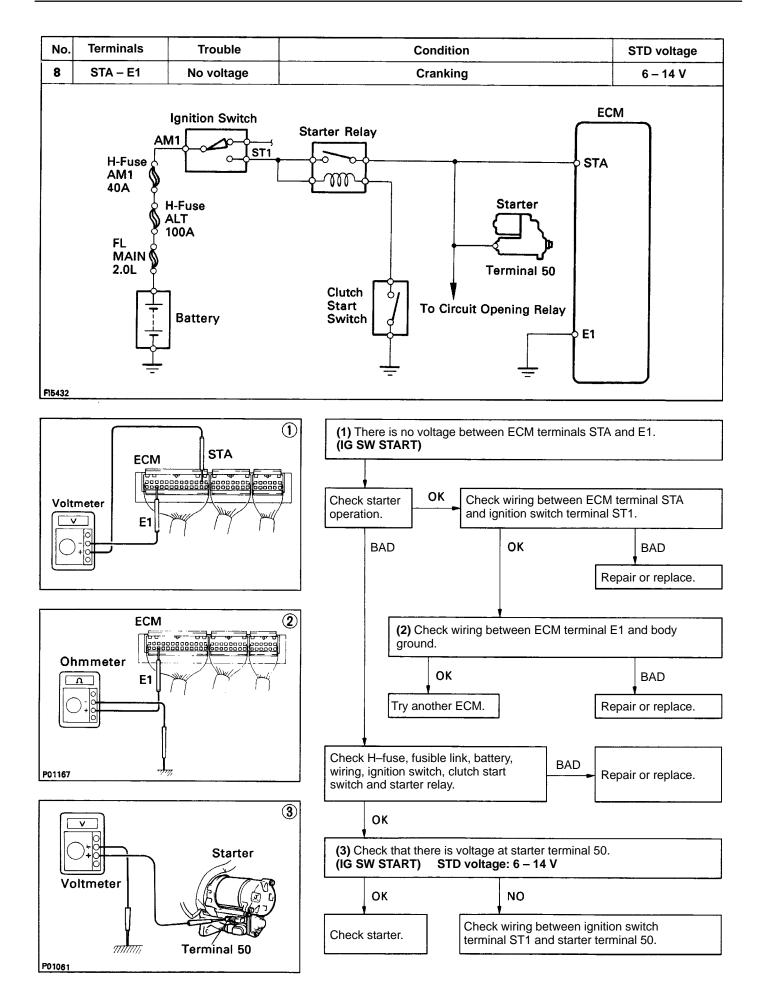
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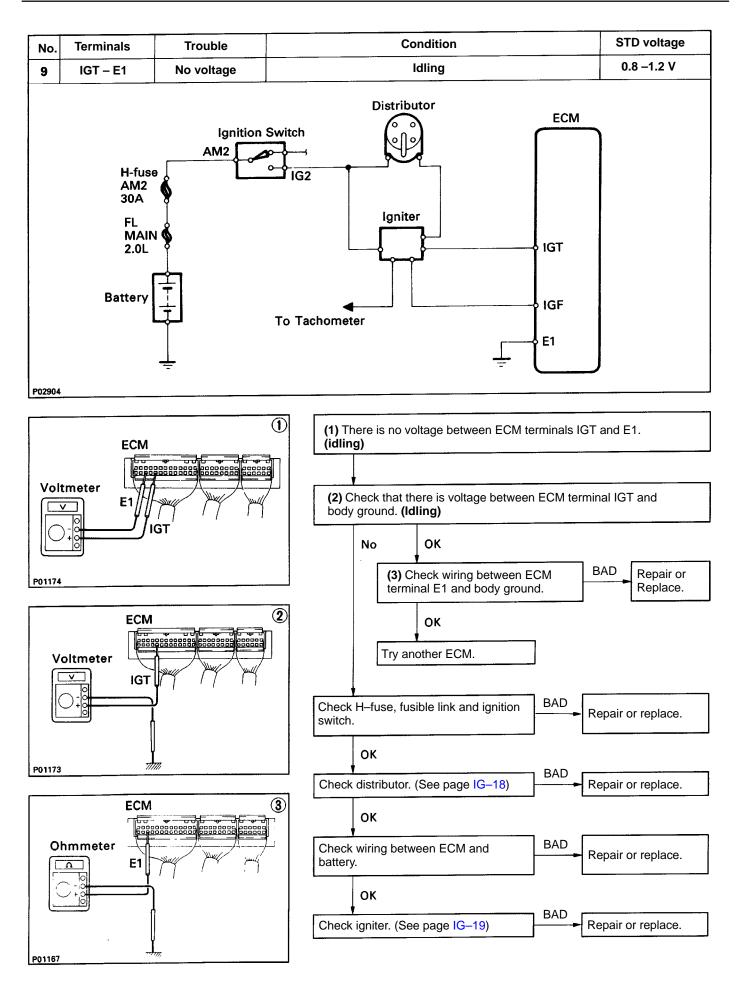


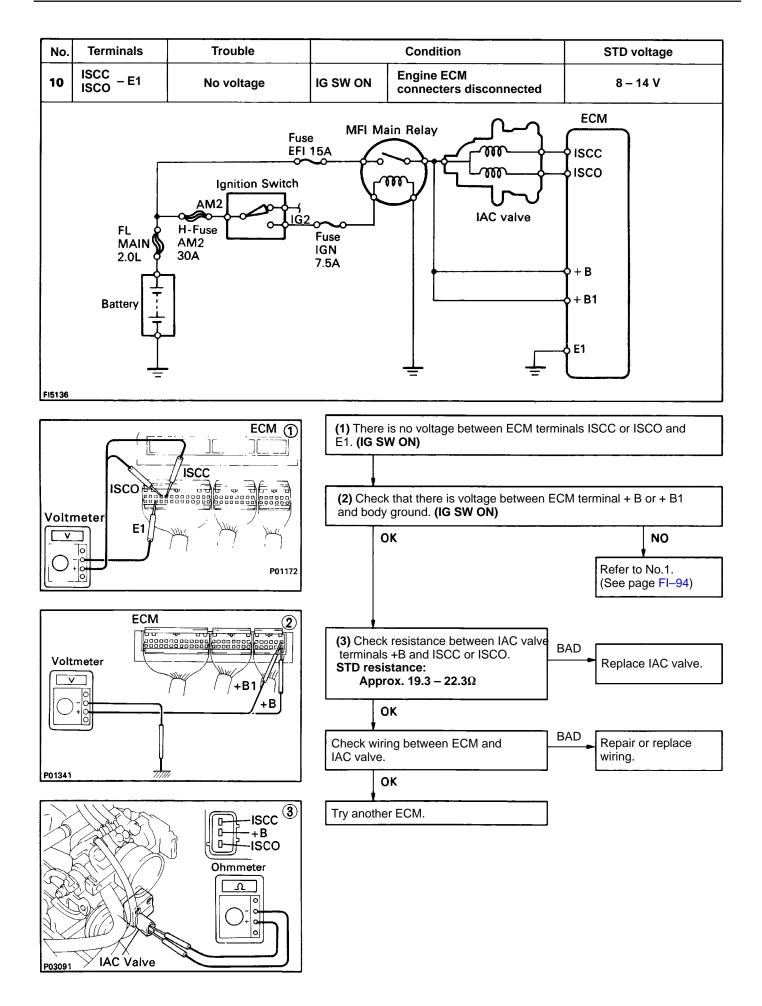


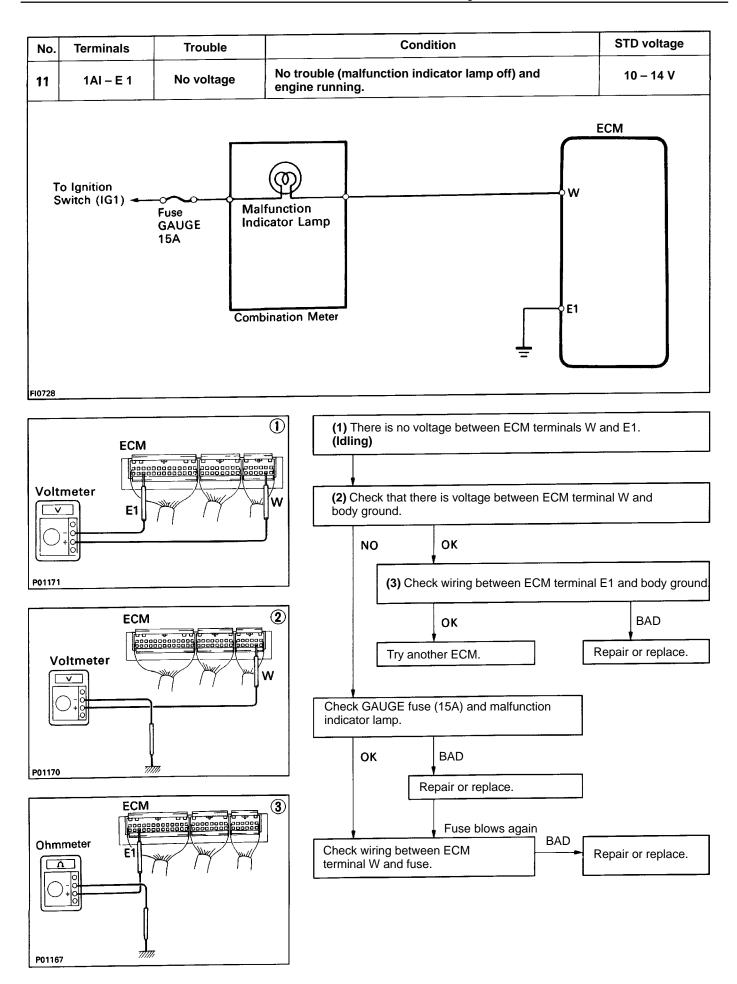


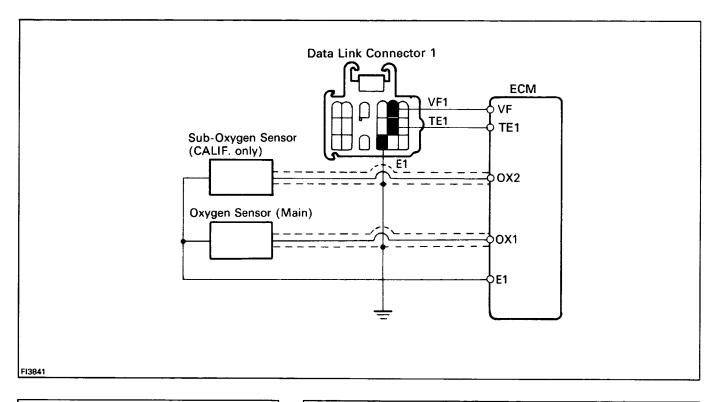


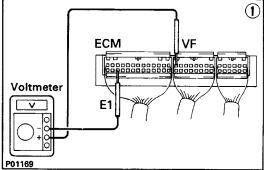


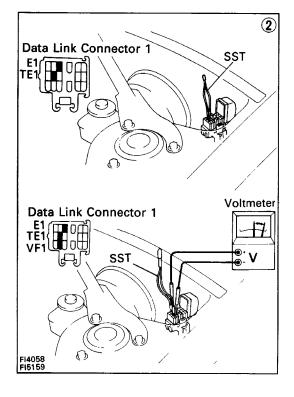




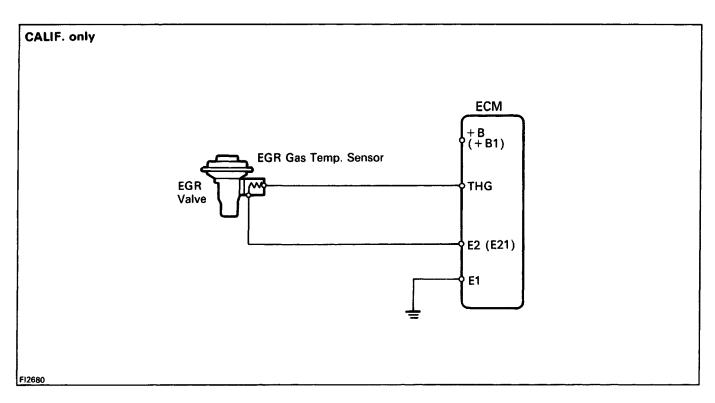


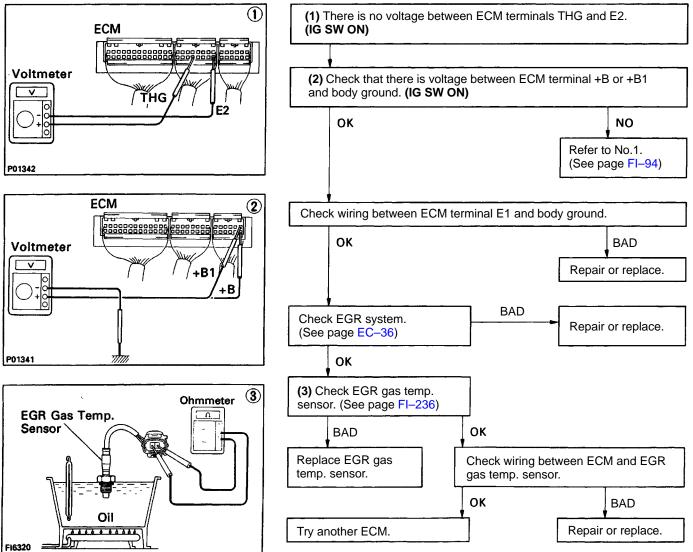


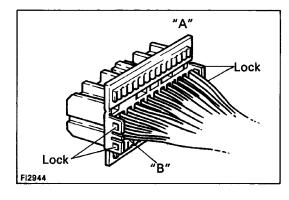


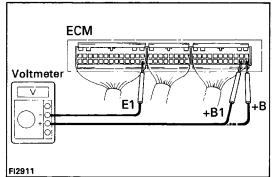


(1) There is no voltage between ECM ter	minals V	'F and E1.
•		
Check that there is voltage between ECM body ground.	l termina	I VF and
NOOK		······································
Check wiring between ECM t	erminal	E1 and body ground.
• OK		BAD
Try another ECM.		Repair or replace.
	YES	
Is air leaking into air induction system?	123	Repair or replace.
• NO	BAD	
Check spark plugs. (See page IG-16)		Repair or replace.
ОК		
Check distributor and ignition system.	BAD	Repair or replace.
(See page IG-4)		
Check fuel pressure. (See page FI–128)	BAD	Repair or replace.
OK	-	
Check injectors. (See page FI–169)	BAD	Repair or replace.
↓OK	-	
Check vacuum sensor (See page FI–234)	BAD	Repair or replace.
OK		
(2) Check operation of oxygen sensors.	ОК	System Normal
(See pages FI-237 and 239)		System Normal
▶ BAD		
Check wiring between oxygen sensor and ECM.	BAD	Repair wiring.
Replace oxygen sensors.		









MFI SYSTEM CHECK PROCEDURE (5S–FE A/T)

PREPARATION

- (a) Disconnect the connectors from the ECM.
- (b) Remove the locks as shown in the illustration so that the tester probe(s) can easily come in.

NOTICE: Pay attention to sections "A" and "B" in the illustration which can be easily broken.

(c) Reconnect the connectors to the ECM. HINT:

- Perform all voltage measurements with the connectors connected.
- Verify that the battery voltage is 11 V or more when the ignition switch is in the "ON" position. Using a voltmeter with high impedance (10 kΩ/V minimum), measure the voltage at each terminal of the wiring connectors.

Terminals of ECM (5S-FE A/T)

Symbol	Terminal Name	Symbol	Terminal Name	Symbol	Terminal Name
E01	POWER GROUND	S1	SOLENOID		
E02	POWER GROUND	S2	SOLENOID	ACT	A/C AMPLIFIER
No.10	INJECTOR	SL	SOLENOID	SP1	SPEED SENSOR
	—	E1	ENGINE GROUND	OD1	OD OFF SWITCH
No.20	INJECTOR	VF	DATA LINK CONNECTOR 1	ACA	A/C AMPLIFIER
	_	E21	SENSOR GROUND		
ISCO	IAC VALVE	Π	DATA LINK CONNECTOR 1	OD2	OD MAIN SWITCH
EGR	EGR VSV	TE1	DATA LINK CONNECTOR 1		—
ISCC	IAC VALVE	OX1	OXYGEN SENSOR		—
Р	PATTERN SELECT SWITCH	TE2	DATA LINK CONNECTOR 1		—
		*OX2	SUB-OXYGEN SENSOR	w	MALFUNCTION INDICATOR LAMP
		KNK	KNOCK SENSOR		
ISCV	A/C IDLE–UP VSV	THW	ENGINE COOLANT TEMP. SENSOR	BIK	STOP LIGHT SWITCH
IGT	IGNITER	IDL	THROTTLE POSITION SENSOR	ATS	A/C AMPLIFIER
2	PARK/NEUTRAL POSITION SWITCH	THA	AIR TEMP. SENSOR	THE	EVAPORATOR TEMP. SENSOR
L	PARK/NEUTRAL POSITION SWITCH	VTA	THROTTLE POSITION SENSOR	FC	CIRCUIT OPENING RELAY
NE –	DISTRIBUTOR	PIM	VACUUM SENSOR	ELS	HEADLIGHT RELAY DEFOGGER RELAY
G +	DISTRIBUTOR	*THG	EGR GAS TEMP. SENSOR	+B	MFI MAIN RELAY
NE +	DISTRIBUTOR	vc	VACUUM SENSOR, THROTTLE POSITION SENSOR	BA^	BATTERY
G –	DISTRIBUTOR	E2	SENSOR GROUND	+B I	MFI MAIN RELAY
IGF	IGNITER	STA	STARTER SWITCH		*Calif. only
SP2	SPEED SENSOR	N SW	PARK/NEUTRAL POSITION SWITCH		

ECM Terminals

ហ	<u>v</u>									J	പ	പ	ບ						എ	ր	r	,		vv									
E01	1 N	0. 0	No. 20	ISCO	ISCC	/	ISCV	2	NE	- NE	IGF	S 1	SL	VF	Π	OX1	0X2	тнw	THA	PIM	vc	ST	A	$ \land$	SPD	ACA	OD2	\checkmark	w	B/K	THE	ELS	BATT
E02		1	/	EGR	Р	Ζ	IGT	L	G	+ G -	SP2	S2	E1	E21	TE1	TE2	KNK	IDL	VTA	THG	E2	NS	w	АСТ 0	DD1	\angle	\angle	\checkmark	\vee	ATS	FC	+B1	+8

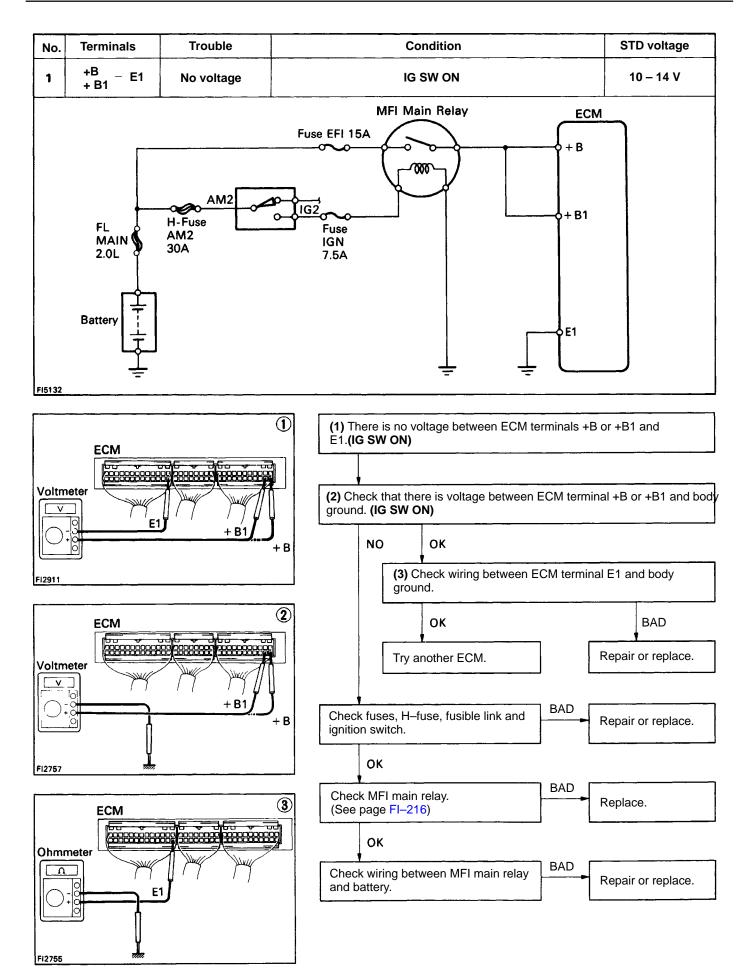
FI2796

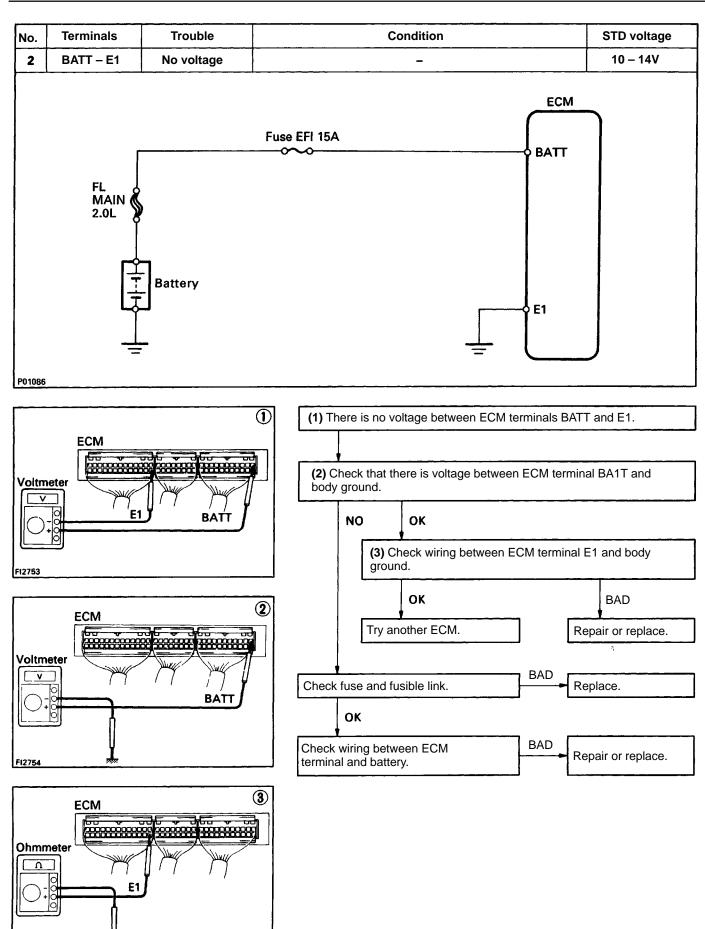
Voltage at ECM Wiring Connectors (5S–EE A/T)

No.	Terminals		Condition	STD voltage (V)	See page
1	+B–E1 + B1	IG SW ON		10–14	FI–110
2	BATT – E 1		10–14	F–111	
	IDL – E2		Throttle valve open	8–14	
	VC – E2		_	4.5–5.5	
3	VTA – E2	IG SW ON	Throttle valve fully closed (Throttle opener must be cancelled first)	0.8–1.2	F–112
			Throttle valve fully open	3.2–4.2	
4	PIM – E2 3.3–3.		3.3–3.9	FI_114	
	VC – E2	IG SW ON		4.5–5.5	
5	No. 10 E01 - No. 20 E02			10–14	FI–115
6	THA – E2		Intake air temp. 20°C (68°F)	1.9–2.9	FI–116
7	THW – E2	IG SW ON	Engine coolant temp. 80°C (176°F)	0.1 –1.1	FI-117
8	STA – E 1	Cranking	6–14	FO-118	
9	IGT – E1	Cranking or idling		0.8–1.2	FI–119
10	ISCC – EI ISCO	IG SW ON	ECM connectors disconnected	8–14	FI–120
11	W – E1	No trouble (malfu running	nction indicator lamp off) and engine	10–14	FI-121

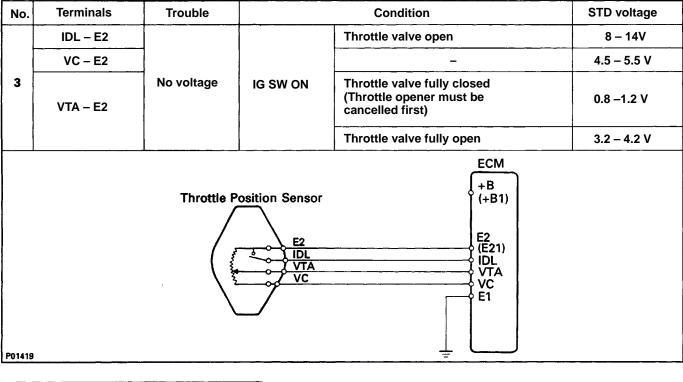
ECM Terminals

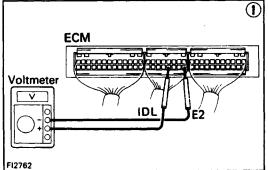
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EC	01	No. 10	N	40. 20	ISCO	ISC	J		ISCV	2	N	IE	NE	+ IGF	S1	SL][VF	π	0X1	OX2	тнw	THA	PIM	vc	STA	\sim	SPD	ACA	OD2	\checkmark] w	B/K	THE	ELS	ватт
EO)2	/	L	1	EGR	P	L		IGT	L	(G +	G -	SP2	S 2	E1][E21	TE1	TE2	ĸnk	IDL	VTA	THG	E2	NSW	ACT	OD1	\angle	\lor	\lor	\mathcal{V}	ATS	FC	+B1	+8

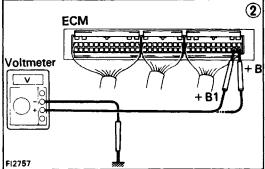


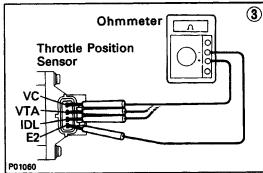


FI2755









• IDL – E2

