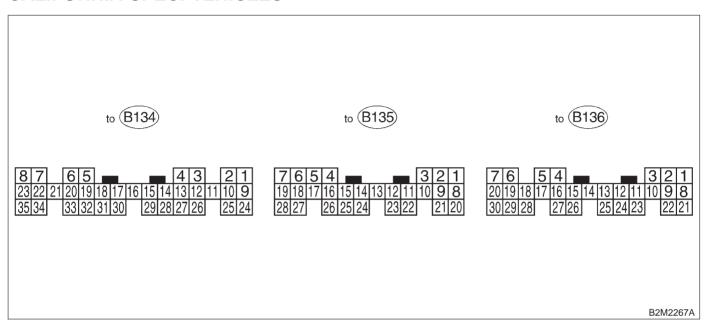
5. Specified Data

A: ENGINE CONTROL MODULE (ECM) I/O SIGNAL FOR 2200 cc CALIFORNIA SPEC. VEHICLES

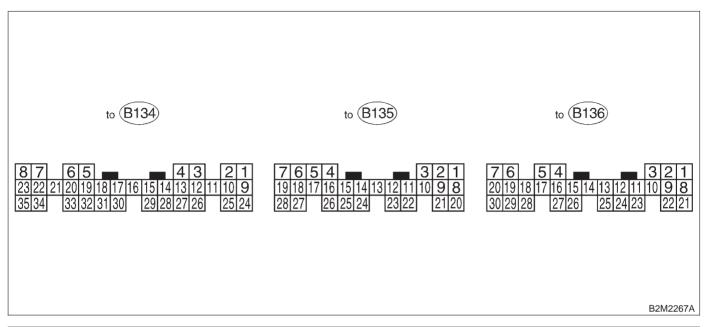


Content		0	Tamasiaal	Signa		
		Connector No.	Terminal No.	Ignition SW ON (Engine OFF)	Engine ON (Idling)	Note
Crankshaft	Signal (+)	B135	1	0	-7 — +7	Sensor output waveform
position	Signal (-)	B135	8	0	0	_
sensor	Shield	B135	10	0	0	_
Camshaft	Signal (+)	B135	2	0	-7 — +7	Sensor output waveform
position	Signal (-)	B135	9	0	0	_
sensor	Shield	B135	10	0	0	_
T	Signal	B136	17		l: 0.2 — 1.0 d: 4.2 — 4.7	_
Throttle position sensor	Power supply	B136	15	5	5	_
5611501	GND (sen- sor)	B136	16	0	0	_
_	Signal	B136	18	0	0 — 0.9	_
Rear oxy- gen sen-	Shield	B136	24	0	0	_
sor	GND sen- sor	B136	16	0	0	_
	Signal 1	B134	22	0.5 — 13	0.5 — 14	Waveform
Front oxy-	Signal 2	B134	23	0.5 — 13	0.5 — 14	Waveform
gen sen- sor heater	Power supply monitor	B136	3	10 — 13	13 — 14	_
Rear oxy-	Signal	B134	21	0.5 — 13	0.5 — 14	Waveform
gen sen- sor heater	Power supply monitor	B136	3	10 — 13	13 — 14	_

		Signal (\/)				
Content		Connec-	Terminal	ninal Signal (V)		Note
Cor	ntent	tor No.	No.	Ignition SW ON (Engine OFF)	Engine ON (Idling)	Note
Engine coolant	Signal	B136	14	1.0 — 1.4	1.0 — 1.4	After warm-up the engine.
tempera- ture sen- sor	GND (sen- sor)	B136	16	0	0	After warm-up the engine.
Vehicle spe	ed signal	B135	24	0 or 5	0 or 5	"5" and "0" are repeatedly displayed when vehicle is driven.
Starter swit	ch	B135	28	0	0	Cranking: 8 — 14
A/C switch		B135	27	ON: 10 — 13 OFF: 0	ON: 13 — 14 OFF: 0	_
Ignition swit	tch	B135	7	10 — 13	13 — 14	_
Neutral pos (MT)	ition switch	B135	26	ON: 5 OF		On MT vehicle; switch is ON when gear is in neutral position.
Neutral pos (AT)	ition switch	B135	26	ON OFF: 5	• •	On AT vehicle; switch is ON when shift is in "N" or "P" position.
Test mode	connector	B135	14	5	5	When connected: 0
Knock	Signal	B136	4	2.5	2.5	_
sensor	Shield	B136	25	0	0	_
Back-up po	wer supply	B136	9	10 — 13	13 — 14	Ignition switch "OFF": 10 — 13
Control unit	power	B136	1	10 — 13	13 — 14	_
supply		B136	2	10 — 13	13 — 14	_
Sensor pow	ver supply	B136	15	5	5	_
Line end ch	neck 1	B135	20	0	0	_
Ignition	#1, #2	B134	25	0	1 — 3.4	Waveform
control	#3, #4	B134	26	0	1 — 3.4	Waveform
	#1	B134	4	10 — 13	1 — 14	Waveform
Fuel injec-	#2	B134	13	10 — 13	1 — 14	Waveform
tor	#3	B134	14	10 — 13	1 — 14	Waveform
	#4	B134	15	10 — 13	1 — 14	Waveform
Idle air	Signal	B134	5	_	1 — 13	Waveform
control solenoid	Power supply	B136	2	10 — 13	13 — 14	_
valve	GND (power)	B134	8	0	0	_
Fuel pump trol	relay con-	B134	16	ON: 0.5, or less OFF: 10 — 13	0.5, or less	_
A/C relay co	ontrol	B134	17	ON: 0.5, or less OFF: 10 — 13	ON: 0.5, or less OFF: 13 — 14	_
Radiator far	n relay 1	B134	3	ON: 0.5, or less OFF: 10 — 13	ON: 0.5, or less OFF: 13 — 14	
Radiator far	n relay 2	B134	2	ON: 0.5, or less OFF: 10 — 13	ON: 0.5, or less OFF: 13 — 14	With A/C vehicles only
Self-shutoff control		B135	19	10 — 13	13 — 14	_
Malfunction lamp	indicator	B134	11	_	_	Light "ON": 1, or less Light "OFF": 10 — 14
Engine spe	ed output	B134	30	_	0 — 13, or more	Waveform
Torque cont	trol 1 signal	B135	16	5	5	_
Torque conf	trol 2 signal	B135	17	5	5	_
Torque cont	trol cut sig-	B134	31	8	8	_

				Signa	al (V)	
Cor	ntent	Connector No.	Terminal No.	Ignition SW ON (Engine OFF)	Engine ON (Idling)	Note
Intake man sure signal		B136	11	3.5 — 3.8	1.2 — 1.8	_
Purge cont valve	rol solenoid	B134	2	ON: 1, or less OFF: 10 — 13	ON: 1, or less OFF: 13 — 14	_
Power stee	ring switch	B135	13	10 — 13	ON: 0 OFF: 13 — 14	Switch is ON when turning steering wheel.
latala.	Signal	B136	5	3.5 — 3.8	1.2 — 1.8	_
Intake manifold pressure	Power supply	B136	15	5	5	_
sensor	GND (sen- sor)	B136	16	0	0	_
Fuel tempe sor	rature sen-	B136	26	2.5 — 3.8	2.5 — 3.8	Ambient temperature: 25°C (75°F)
Fuel level s	ensor	B136	27	0.12 — 4.75	0.12 — 4.75	_
Fuel tank	Signal	B136	12	2.3 — 2.7	2.3 — 2.7	The value obtained after the fuel filler cap was removed once and recapped.
pressure sensor	Power supply	B136	15	5	5	_
	GND (sen- sor)	B136	16	0	0	_
Fuel tank p		B134	1	ON: 1, or less OFF: 10 — 13	ON: 1, or less OFF: 13 — 14	_
Drain valve		B134	10	ON: 1, or less OFF: 10 — 13	ON: 1, or less OFF: 13 — 14	_
AT diagnos	is input sig-	B135	4	Less than 1 ←→ More than 4	Less than 1 ←→ More than 4	Waveform
Intake air te sensor	emperature	B136	13	3.0 — 3.4	3.0 — 3.4	Intake air temperature: 25°C (75°F)
Line end ch	neck 2	B135	21	5	5	_
GND (sens	ors)	B136	16	0	0	
GND (injec	GND (injectors)		7	0	0	_
<u> </u>	GND (ignition system)		27	0	0	_
GND (power	er supply)	B134	8	0	0	_
GND (conti	ol systems)	B136	21	0	0	_
		B136	22	0	0	_
GND (oxyg heater 1)		B134	35	0	0	_
GND (oxyg heater 2)	en sensor	B134	34	0	0	_

B: ENGINE CONTROL MODULE (ECM) I/O SIGNAL FOR EXCEPT 2200 cc CALIFORNIA SPEC. VEHICLES



Content		0	TiI	Signa		
		Connector No.	Terminal No.	Ignition SW ON (Engine OFF)	Engine ON (Idling)	Note
Crankshaft	Signal (+)	B135	1	0	-7 — +7	Sensor output waveform
position	Signal (-)	B135	8	0	0	_
sensor	Shield	B135	10	0	0	_
Camshaft	Signal (+)	B135	2	0	-7 — +7	Sensor output waveform
position	Signal (-)	B135	9	0	0	_
sensor	Shield	B135	10	0	0	_
	Signal	B136	5	0 — 0.3	0.8 — 1.2	_
Mass air flow sen-	Power supply	B136	15	5	5	_
sor	Shield	B136	25	0	0	_
	GND	B136	8	0	0	_
Th 441 -	Signal	B136	17	Fully closed: 0.2 — 1.0 Fully opened: 4.2 — 4.7		_
Throttle position sensor	Power supply	B136	15	5	5	_
3611301	GND (sen- sor)	B136	16	0	0	_
Front oxy-	Signal (+)	B136	7	0	0 — 0.9	_
gen sen-	Signal (-)	B136	20	0		_
sor	Shield	B136	23	0	0	_
D	Signal	B136	18	0	0 — 0.9	_
Rear oxy- gen sen-	Shield	B136	24	0	0	_
sor	GND (sen- sor)	B136	16	0	0	_
Front oxy- gen sen-	Signal 1	B134	22	0 — 1.0	0 — 1.0	_
sor heater	Signal 2	B134	23	0 — 1.0	0 — 1.0	_
Rear oxyge heater signa		B134	21	0 — 1.0	0 — 1.0	_

Connection Co			Signal (V)					
Second	Cor	ntent	Connector No.	Terminal No.	Ignition SW ON		Note	
Sur Sur		- 13101141 1		14	1.0 — 1.4	1.0 — 1.4	After warm-up the engine.	
Starter switch B135 28	ture sen-	,	B136	16	0	0	After warm-up the engine.	
A/C switch B135 27 ON: 10 - 13 ON: 13 - 14 OFF: 0 On MT vehicle; switch is ON when gear is in neutral position. Neutral position switch (MT)	Vehicle spe	ed signal	B135	24	0 or 5	0 or 5		
Ignition switch B135 27	Starter swit	ch	B135	28	0	-	Cranking: 8 — 14	
Neutral position switch (MT)	A/C switch		B135	27			_	
Neutral position switch (MT)	Ignition swi	tch	B135	7	10 — 13	13 — 14	_	
Neutral position Switch (AT) Series Delta Switch Switc		sition switch	B135	26			when gear is in neutral posi-	
Knock sensor Signal Shield B136 4 2.8 2.8 — AT/MT identification B136 25 0 0 — When measuring voltage between ECM and chassis ground. Back-up power supply B136 9 10 — 13 13 — 14 Ignition switch "OFF": 10 — 13 Control unit power supply B136 1 10 — 13 13 — 14 — Sensor power supply B136 1 10 — 13 13 — 14 — Sensor power supply B136 1 10 — 13 13 — 14 — Sensor power supply B136 1 10 — 13 13 — 14 — Sensor power supply B136 2 10 — 13 13 — 14 — Sensor power supply B136 2 10 — 13 13 — 14 — Sensor power supply B136 2 10 — 13 13 — 14 — Line end check 1 B136 2 0 0 0 — Lightion #1 # 12 B134 25 <td></td> <td>sition switch</td> <td>B135</td> <td>26</td> <td></td> <td>-</td> <td>when shift is in "N" or "P"</td>		sition switch	B135	26		-	when shift is in "N" or "P"	
Sensor Shield B136 25 0 0 0 —	Test mode	connector	B135	14	5	5	When connected: 0	
AT/MT identification B135 Back-up power supply B136 Back-up power supply B136 B137 B137 B136 B137 B137 B138 B138	Knock	Signal	B136	4	2.8	2.8	_	
AT/MT identification Back-up power supply Back-up power supply	sensor	Shield	B136	25	0	0	_	
Back-up power supply	AT/MT ider	tification	B135	25			between ECM and chassis	
Supply	Back-up po	Back-up power supply		9	10 — 13	13 — 14	1 9	
Sensor power supply	Control uni	Control unit power		1	10 — 13	13 — 14	_	
Line end c c c c c c c c c c c c c			B136	2	10 — 13	13 — 14	_	
Ignition control	Sensor pov	ver supply	B136	15	5	5	_	
control #3, #4 B134 26 0 1—3.4 Waveform Fuel injector #1 B134 4 10—13 1—14 Waveform #3 B134 14 10—13 1—14 Waveform #4 B134 15 10—13 1—14 Waveform Idle air control Signal 1 B134 5 — 1—13 Waveform Signal 2 B134 6 — 1—13 Waveform Signal 3 B134 19 — 1—13 Waveform Signal 4 B134 20 — 1—13 Waveform Fuel pump relay control B136 2 10—13 13—14 — A/C relay control B134 17 ON: 0.5, or less OFF: 10—13 O.5, or less OFF: 13—14 — Radiator fan relay 1 control B134 3 ON: 0.5, or less OFF: 10—13 ON: 0.5, or less OFF: 13—14 — Radiator fan relay 2 control B134 2 ON: 0.5, or less OFF: 10—13 <td>Line end ch</td> <td>neck 1</td> <td>B135</td> <td>20</td> <td>0</td> <td>0</td> <td>_</td>	Line end ch	neck 1	B135	20	0	0	_	
Fuel injector tor #1 B134	Ignition	#1, #2	B134	25	0	1 — 3.4	Waveform	
Fuel injector tor #2	control	 '						
tor #3 B134 14 10 — 13 1 — 14 Waveform #4 B134 15 10 — 13 1 — 14 Waveform Idle air control solenoid valve Signal 2 B134 6		#1	B134				Waveform	
#4	Fuel injec-							
Signal 1 B134 5	tor							
Signal 2 B134 6 -					10 — 13			
Signal 3 B134 19					_			
Solenoid valve Signal 4 B134 20		_						
Valve Power supply B136 2 10 — 13 13 — 14 — Fuel pump relay control B134 16 ON: 0.5, or less OFF: 10 — 13 0.5, or less — A/C relay control B134 17 ON: 0.5, or less OFF: 10 — 13 ON: 0.5, or less OFF: 13 — 14 — Radiator fan relay 1 control B134 3 ON: 0.5, or less OFF: 10 — 13 ON: 0.5, or less OFF: 13 — 14 — Radiator fan relay 2 control B134 2 ON: 0.5, or less OFF: 13 — 14 ON: 0.5, or less OFF: 13 — 14 OFF: 13 — 14 — Self-shutoff control B135 19 10 — 13 13 — 14 — With A/C vehicles only Malfunction indicator lamp B134 11 — — Light "ON": 1, or less Light "OFF": 10 — 14								
Fuel pump relay control B134 16 ON: 0.5, or less OFF: 10 — 13 0.5, or less — A/C relay control B134 17 ON: 0.5, or less OFF: 10 — 13 ON: 0.5, or less OFF: 13 — 14 — Radiator fan relay 1 control B134 3 ON: 0.5, or less OFF: 10 — 13 ON: 0.5, or less OFF: 13 — 14 — Radiator fan relay 2 control B134 2 ON: 0.5, or less OFF: 13 — 14 ON: 0.5, or less OFF: 13 — 14 With A/C vehicles only Self-shutoff control B135 19 10 — 13 13 — 14 — Malfunction indicator lamp B134 11 — Light "ON": 1, or less Light "OFF": 10 — 14		Power					Waveform —	
A/C relay control B134 17 ON: 0.5, or less OFF: 10 — 13 ON: 0.5, or less OFF: 13 — 14 — Radiator fan relay 1 control B134 3 ON: 0.5, or less OFF: 10 — 13 ON: 0.5, or less OFF: 13 — 14 — Radiator fan relay 2 control B134 2 ON: 0.5, or less OFF: 10 — 13 ON: 0.5, or less OFF: 13 — 14 With A/C vehicles only Self-shutoff control B135 19 10 — 13 13 — 14 — Malfunction indicator lamp B134 11 — — Light "ON": 1, or less Light "OFF": 10 — 14			B134	16		0.5, or less	_	
Radiator fan relay 1 control B134 3 ON: 0.5, or less OFF: 10 — 13 ON: 0.5, or less OFF: 13 — 14 — Radiator fan relay 2 control B134 2 ON: 0.5, or less OFF: 13 — 14 ON: 0.5, or less OFF: 13 — 14 With A/C vehicles only OFF: 13 — 14 Self-shutoff control B135 19 10 — 13 13 — 14 — Malfunction indicator lamp B134 11 — — Light "ON": 1, or less Light "OFF": 10 — 14	A/C relay c	ontrol	B134	17	ON: 0.5, or less		_	
Radiator fan relay 2 control B134 2 ON: 0.5, or less OFF: 10 — 13 ON: 0.5, or less OFF: 13 — 14 With A/C vehicles only Self-shutoff control B135 19 10 — 13 13 — 14 — Malfunction indicator lamp B134 11 — — Light "ON": 1, or less Light "OFF": 10 — 14		n relay 1	B134	3	ON: 0.5, or less	ON: 0.5, or less	_	
Self-shutoff control B135 19 10 — 13 13 — 14 — Malfunction indicator lamp B134 11 — — Light "ON": 1, or less Light "OFF": 10 — 14	Radiator fa	n relay 2	B134	2	ON: 0.5, or less	ON: 0.5, or less	With A/C vehicles only	
Malfunction indicator lamp B134 11 - Light "ON": 1, or less Light "OFF": 10 — 14		control	B135	19			_	
	Malfunction				_	_		
		ed output	B134	30	_	0 — 13, or more	-	

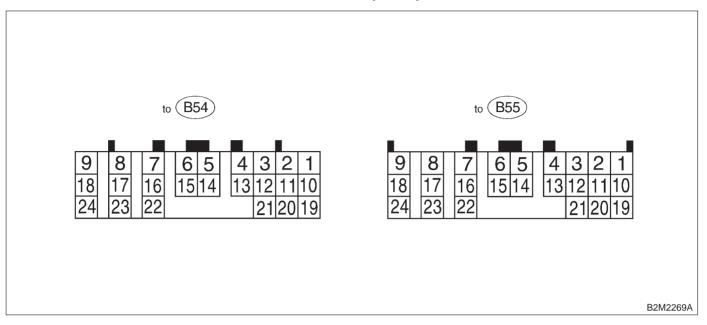
				Cian	al (\(\(\) \)	
Content		Connec-	Terminal		al (V)	Nata
		tor No.	No.	Ignition SW ON (Engine OFF)	Engine ON (Idling)	Note
Torque con	trol 1 signal	B135	16	5	5	_
Torque con	trol 2 signal	B135	17	5	5	_
Torque con nal	trol cut sig-	B134	31	8	8	_
Mass air flo	ow signal for	B136	11	0 — 0.3	0.8 — 1.2	_
Purge cont valve	rol solenoid	B134	2	ON: 1, or less OFF: 10 — 13	ON: 1, or less OFF: 13 — 14	_
Power stee	ring switch	B135	13	10 — 13	ON: 0 OFF: 13 — 14	Switch is ON when turning steering wheel.
Δ 4	Signal	B136	29	3.5 — 3.8	1.2 — 1.8	
Atmo- spheric pressure	Power supply	B136	15	5	5	_
sensor	GND (sensor)	B136	16	0	0	
	Pressure sources switching solenoid valve		0	ON: 1, or less OFF: 10 — 13	ON: 1, or less OFF: 13 — 14	_
Fuel tempe sor	Fuel temperature sensor		26	2.5 — 3.8	2.5 — 3.8	Ambient temperature: 25°C (75°F)
Fuel level s	Fuel level sensor		27	0.12 — 4.75	0.12 — 4.75	_
Fuel tank	Signal	B136	12	2.3 — 2.7	2.3 — 2.7	The value obtained after the fuel filler cap was removed once and recapped.
pressure sensor	Power supply	B136	15	5	5	_
	GND (sensor)	B136	16	0	0	_
Fuel tank p		B134	1	ON: 1, or less OFF: 10 — 13	ON: 1, or less OFF: 13 — 14	_
Drain valve		B134	10	ON: 1, or less OFF: 10 — 13	ON: 1, or less OFF: 13 — 14	_
AT diagnos nal	is input sig-	B135	4	Less than 1 \longleftrightarrow More than 4	Less than 1 ←→ More than 4	Waveform
Line end ch	neck 2	B135	21	5	5	_
GND (sens	ors)	B136	16	0	0	_
GND (injec	tors)	B134	7	0	0	_
GND (ignition system)		B134	27	0	0	_
GND (power supply)		B134	8	0	0	_
GND (conti	rol systems)	B136	21	0	0	_
CIAD (COUL	or systems)	B136	22	0	0	_
GND (oxyg heater 1)	en sensor	B134	35	0	0	_
GND (oxyg heater 2)	en sensor	B134	34	0	0	_

C: ENGINE CONDITION DATA

Content	Model	Specified data
	2200 on except California and exchiples	1.7 — 3.3 (g/sec): Idling
Mass air flow	2200 cc except California spec. vehicles	7.1 — 14.2 (g/sec): 2,500 rpm racing
IVIASS All HOW	2500 cc	2.2 — 4.2 (g/sec): Idling
	2500 CC	8.6 — 14.2 (g/sec): 2,500 rpm racing
	2200 on California anno vohialos	1.6 — 2.9 (%): Idling
	2200 cc California spec. vehicles	6.4 — 12.8 (%): 2,500 rpm racing
Engine lead	2200 cc except California spec. vehicles	1.6 — 2.9 (%): Idling
Engine load	2200 cc except California spec. Verlicles	6.4 — 12.8 (%): 2,500 rpm racing
	2500 cc	1.9 — 3.5 (%): Idling
	2500 66	7.2 — 12.1 (%): 2,500 rpm racing

- Measuring condition:
 After warm-up the engine.
 Gear position is in "N" or "P" position.
- A/C is turned OFF.
- All accessory switches are turned OFF.

D: TRANSMISSION CONTROL MODULE (TCM) I/O SIGNAL



NOTE: Check with ignition switch ON.

Content		Connector No.	Terminal No.	Measuring conditions	Voltage (V)
Back-up po	ower supply	B55	6	Ignition switch OFF	10 — 16
lawiti an ma		B54	23	Invition quitab CNI (with anning OFF)	10 — 16
ignition po	wer supply	B54	24	Ignition switch ON (with engine OFF)	10 — 16
	"P" range	B55	23	Selector lever in "P" range	Less than 1
	switch	D00	23	Selector lever in any other than "P" range	More than 8
	"N" range	B55	22	Selector lever in "N" range	Less than 1
	switch	D00	22	Selector lever in any other than "N" range	More than 8
	"R" range	B55	17	Selector lever in "R" range	Less than 1
	switch	БОО		Selector lever in any other than "R" range	More than 9.5
Inhibitor switch	"D" range	B55	8	Selector lever in "D" range	Less than 1
Infilbitor Switch	switch			Selector lever in any other than "D" range	More than 9.5
	"3" range switch	B55	18	Selector lever in "3" range	Less than 1
		D00		Selector lever in any other than "3" range	More than 9.5
	"2" range	DE4	10	Selector lever in "2" range	Less than 1
	switch	B54		Selector lever in any other than "2" range	More than 9.5
	"1" range	DE4	4	Selector lever in "1" range	Less than 1
	switch	B54	1	Selector lever in any other than "1" range	More than 9.5
Draka	Brake switch		24	Brake pedal depressed	More than 10.5
Бгаке	SWITCH	B55	24	Brake pedal released	Less than 1
ADC	oignal	DE4	19	ABS switch ON	Less than 1
ABS	signal	B54	19	ABS switch OFF	More than 6.5

Content	Connector No.	Terminal No.	Measuring conditions	Voltage (V)	Resistance to body (ohms)	
Throttle position	B55	1	Throttle fully closed.	0.3 — 0.7		
sensor	D00		Throttle fully open.	4.3 — 4.9	<u> </u>	
Throttle position sensor power supply	B55	2	Ignition switch ON (with engine OFF)	4.8 — 5.3	_	
ATF temperature	B55	11	ATF temperature 20°C (68°F)	2.9 — 4.0	2.1 k — 2.9 k	
sensor	DOO	11	ATF temperature 80°C (176°F)	1.0 — 1.4	275 — 375	
Vehicle speed			Vehicle stopped.	0		
sensor 1	B55	3	Vehicle speed at least 20 km/h (12 MPH)	More than 1 (AC range)	450 — 650	
Vehicle speed sensor 2	B55	5	Vehicle speed at most 10 km/h (6 MPH)	Less than 1←→More than 4	_	
Torque converter			Vehicle stopped.	0		
turbine speed sensor	B55	12	Vehicle speed at least 20 km/h (12 MPH)	More than 1 (AC range)	450 — 650	
Vehicle speed output signal	B55	13	Vehicle speed at most 10 km/h (6 MPH)	Less than 1←→More than 4	_	
Engine speed	B55	4	Ignition switch ON (with engine OFF).	More than 10.5	_	
signal	В33	4	Ignition switch ON (with engine ON).	8 — 11	_	
Cruise set signal	B54	11	When cruise control is set (SET lamp ON).	Less than 1		
Ordise set signal	554		When cruise control is not set (SET lamp OFF).	More than 6.5		
Torque control 1 signal	B54	13	Ignition switch ON (with engine ON)	More than 9	_	
Torque control 2 signal	B54	21	Ignition switch ON (with engine ON)	More than 9	_	
Torque control cut signal	B54	2	Ignition switch ON	8	_	
AT load signal	B55	20	Engine idling after warm-up	1.2 — 1.8*1	_	
711 1000 0.g.101	200			0.5 — 1.2*2		
Shift solenoid 1	B54	7	1st or 4th gear	More than 9	10 — 16	
			2nd or 3rd gear	Less than 1		
Shift solenoid 2	B54	6	1st or 2nd gear	More than 9	10 — 16	
			3rd or 4th gear	Less than 1		
			Throttle fully closed (with	1.5 — 4.0		
Duty solenoid A	B54	9	engine OFF) after warm-up. Throttle fully open (with engine	Less than 0.5	2.0 — 4.5	
			OFF) after warm-up. Throttle fully closed (with	More than 8.5		
Dropping resistor	B54	18	engine OFF) after warm-up. Throttle fully open (with engine OFF) after warm-up.	Less than 0.5	9 — 15	
			When lock up occurs.	More than 8.5		
Duty solenoid B	B54	16	When lock up is released.	Less than 0.5	10 — 17	
			Fuse on FWD switch	More than 8.5		
Duty solenoid C (AWD models only)	B54	15	Fuse removed from FWD switch (with throttle fully open and with select lever in 1st gear).	Less than 0.5	10 — 17	

Content	Connector No.	Terminal No.	Measuring conditions	Voltage (V)	Resistance to body (ohms)	
Duty solonoid D	B54	8	Throttle fully closed (with engine OFF) after warm-up.	1.5 — 4.0	2.0 — 4.5	
Duty solenoid D	D04	0	Throttle fully open (with engine OFF) after warm-up.	Less than 0.5	2.0 — 4.5	
2-4 brake duty	DE4	47	Throttle fully closed (with engine OFF) after warm-up.	More than 8.5	0 45	
solenoid resistor	B54	17	Throttle fully open (with engine OFF) after warm-up.	Less than 0.5	9 — 15	
2-4 brake timing	DE 4	_	3rd gear	More than 9	40 40	
solenoid	B54	5	1st gear	Less than 1	10 — 16	
Low clutch timing	B54	14	2nd gear	Less than 1	10 — 16	
solenoid		14	4th gear	More than 9	10 — 16	
Sensor ground line 1	B55	10	_	0	Less than 1	
Sensor ground line 2	B55	21	_	0	Less than 1	
System ground	B55	9		0	Less than 1	
line		19	_	0	Less man i	
FWD switch	B55	14	Fuse removed.	6 — 9.1		
FWD SWIICH	D00	14	Fuse installed.	Less than 1	_	
EMD indicator			Fuse on FWD switch	Less than 1		
FWD indicator lamp	B54	12	Fuse removed from FWD switch.	More than 9	_	
Data link signal		7	_	_		
(Subaru Select Monitor)	B55	16	_	_	-	
AT diagnosis sig- nal	B54	4	Ignition switch ON	Less than 1 \longleftrightarrow More than 4	_	