DTC	P0985[]	SHIFT[\$OLENOID[]"E"[CONTROL[CIRCUIT LOW[[SHIFT[\$OLENOID[]VALVE[\$R])
DTC	P0986 □	SHIFT SOLENOID "E" CONTROL CIRCUIT
		SHIFT[\$OLENOID["E"[CONTROL[CIRCUIT HIGH[SHIFT[\$OLENOID[YALVE[\$R)

CIRCUIT DESCRIPTION

Shifting[from[] st[]p[6th[]s[performed[]h[combination[]with[]]ON"[and[]]OFF"[operation[]off[]he[]shift[]solenoid[]valves SL1,[\$L2,[\$1,[\$2,[\$3,[\$4]and[\$R]which[is]controlled[by]]he[ECM.[]f[an]open[or]short[circuit]occurs[in]either of@he[shift[solenoid[valves,@he[ECM]controls@he[gemaining@normal[shift[solenoid[valve@oatlow@he[yehicle to[be[operated[smoothly.]]In[case[of[an[open[or[short[circuit,]]]he[ECM[stops[sending[current]]o]]he[circuit.] Fail[safe[function[see]page[05-553]).

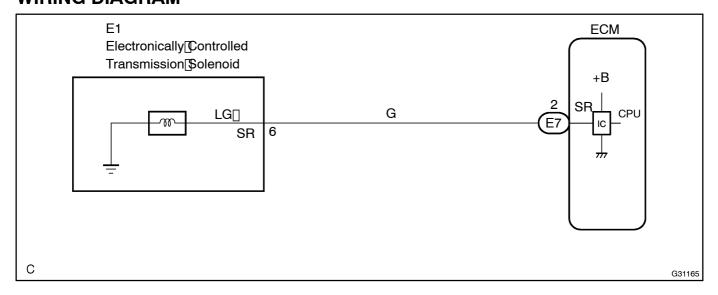
DTC[No.	DTC[Detection[Condition	Trouble[Area
P0985	ECM@detects[short[]n[solenoid[yalve[\$R@ircuit[2]]imes[when solenoid[yalve[\$R]]s@perated[[1-trip@detection[]ogic)	ShortinshiftsolenoidsalvesRicircuit ShiftsolenoidsalvesR ECM
P0986	ECM@detects@pen@n@olenoid@yalve@\$R@ircuit@@imes@when solenoid@yalve@\$R@s@not@perated@1-trip@detection@ogic)	Open[]n[\$hift[\$olenoid[]yalve[\$R[&ircuit] Shift[\$olenoid[]yalve[\$R ECM

MONITOR DESCRIPTION

These DTCs indicate an open or short in the shift solenoid valve Reircuit. When there is an open or short circuit[]n[any[shift[solenoid[valve[circuit,]]he[ECM[detects[]he[problem[and[]lluminates[]he[MIL[and[stores the DTC. [When the shift solenoid valve Rison, if resistance is 8 2 or less, the ECM determines there is a[\$hort[]n[]he[\$hift[\$olenoid[]yalve[\$R[circuit.

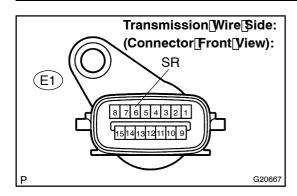
When the shift solenoid valve Risoff, if resistance is 00 kppr more, the ECM determines there is an open in[the[shift[solenoid[yalve[\$R]circuit[]see[page[05-553]).

WIRING DIAGRAM



INSPECTION PROCEDURE

1 | INSPECT[TRANSMISSION[WIRE(SR)



- (a) Disconnect in eliment in mission wir in connection in the transaxle.
- (b) Measure the resistance according to the value (s) in the table below.

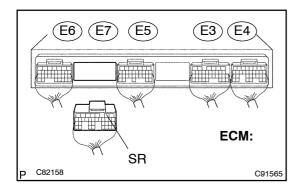
Standard:

Tester[Connection	Specified[Condition 20°C[68°E)
6 –∰ody∰round	11[] o[] 5[§ 2
No.	

NG Go Go step 3



2 | CHECK[HARNESS[AND[CONNECTOR(TRANSMISSION[WIRE - [ECM)



- (a) Connect the transmission connector to the transaxle.
- (b) ☐ Disconnect ☐ the ☐ connector ☐ from ☐ the ☐ ECM.
- (c) Measure[the[resistance[according[to[the[value(s)]]n[the table[below.

Standard:

Tester C onnection	Specified[Condition 20°C[[68°E]
E7 -[2][[SR] -[Body[ground	11[] o[] 5[<u>\(\)</u> 2

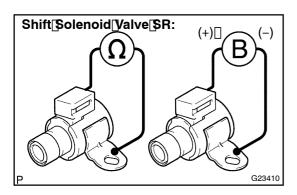
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR SEE PAGE 1-44)

OK

REPLACE[ECM[[SEE]PAGE 10-21]

3 | INSPECT[\$HIFT[\$OLENOID[VALVE(SR)



- (a) Remove the shift solenoid valve R.
- (b) Measure[the[resistance[according[to[the[value(s)]]n[the table[below.

Standard:

Tester@onnection	Specified[Condition 20°C[[68°E)
Solenoid[Connector[[SR) -[Solenoid Body[[SR)	11 [] o[] 5[<u>Ω</u>

(c) Connect positive +) lead of heterminal of solenoid onnector, negative -) lead of hete solenoid body.

OK:

The solenoid makes an operating noise.

NG□

REPLACE[\$HIFT[\$OLENOID[YALVE(SR)

OK

REPAIR OR REPLACE TRANSMISSION WIRE SEE PAGE 40-28)