DTC	P0979□	SHIFT[\$OLENOID[]"C"[CONTROL[CIRCUIT LOW[[SHIFT[\$OLENOID[VALVE[\$3)]
DTC	P0980 □	SHIFT[\$OLENOID[]"C"[CONTROL[CIRCUIT HIGH[SHIFT[\$OLENOID[]YALVE[\$3]

CIRCUIT DESCRIPTION

Shifting[from[] st[]p[6th[]s[performed[]h[combination[]with[]]ON"[and[]]OFF"[operation[]off[]he[]shift[]solenoid[]valves SL1, SL2, S1, S2, S3, S4 and SR which is controlled by the ECM. If an open or short circuit occurs in the results and second sec of[the[shift[solenoid[yalves,[the[ECM[controls[the[gemaining[fnormal[shift[solenoid[yalve[to[allow[the[yehicle to[be[operated]\$moothly.[In[case[of[an[open[or[short[cuit,]the]ECM[stops[sending[current]to[the]circuit.] Fail safe unction see page 5-553).

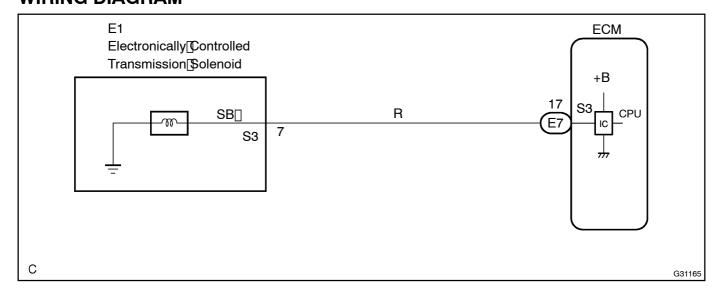
DTC[No.	DTC[Detection[Condition	Trouble[Area
P0979	ECM@detects[short[]n[solenoid[yalve[\$3]circuit[2]]imes[when solenoid[yalve[\$3]]s[pperated[[1-trip@detection[]ogic)	Short[jn[shift[solenoid[yalve[\$3]circuit Shift[solenoid[yalve[\$3] ECM
P0980	ECM@detects@pen@n@solenoid@alve@s3@ircuit@@imes@when solenoid@alve@s3@s@not@perated@1-trip@detection@ogic)	Open[in]\$hift[\$olenoid[yalve]\$3]&ircuit Shift[\$olenoid[yalve]\$3 ECM

MONITOR DESCRIPTION

These DTCs indicate an open or short in the shift solenoid valve 32 circuit. When there is an open or short circuit[]n[any[\$hift[\$olenoid[]valve[circuit,[]the[]ECM[]detects[]the[]problem[]and[]lluminates[]the[]MIL[]and[]\$tores $the \cite{the pto} TC. \cite{t$ a short in the shift solenoid valve S3 circuit.

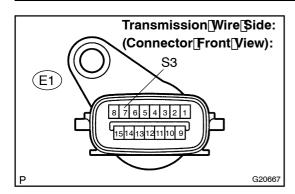
When the shift solenoid valve S3 is off, if resistance is 100 k Ω or more, the ECM determines there is an open in[the[shift[solenoid[valve[\$3]circuit[see]page[05-553]).

WIRING DIAGRAM



INSPECTION PROCEDURE

1 | INSPECT[TRANSMISSION[WIRE(S3)



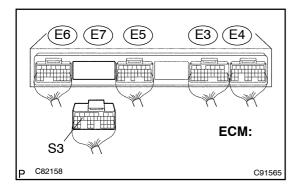
- (a) Disconnect in eliment in mission wir in connection in the line in the line in the connection in th
- (b) Measure the resistance according to the value (s) in the table below.

Standard:

Tester[Connection	Specified[Condition 20°C[[68°E]
7 –[Body[ground	11 []o[] 5 <u>[</u>]Ω
NG[]> Go[to[step[3	

ОК

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



- (a) Connect the transmission connector to the transaxle.
- (b) Disconnect the connector from he 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 -[]7[[S3) -[Body[ground	11[] o[] 5[<u>\(\)</u> 2

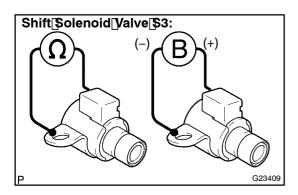
NG

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

OK

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

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



- (a) Remove the shift solenoid valve 3.
- (b) Measure[the[resistance[according[to[the[value(s)]]n[the table[below.

Standard:

Tester[Connection	Specified[Condition 20°C[[68°E]
Solenoid[Connector[S3] -[Solenoid Body[S3]	11[[]o[]] 5[[]2

(c) Connect[positive[]+)[]ead[]o[]he[]erminal[pf[solenoid[connector,[]hegative[]-)[]ead[]o[]he[solenoid[body.

OK:

The solenoid makes an operating noise.

NG□

REPLACE[\$HIFT[\$OLENOID[YALVE(\$3)

OK

REPAIR[OR[REPLACE[TRANSMISSION[WIRE[SEE[PAGE[40-28]