Interval Wiper/Washer & Multifunction Switch

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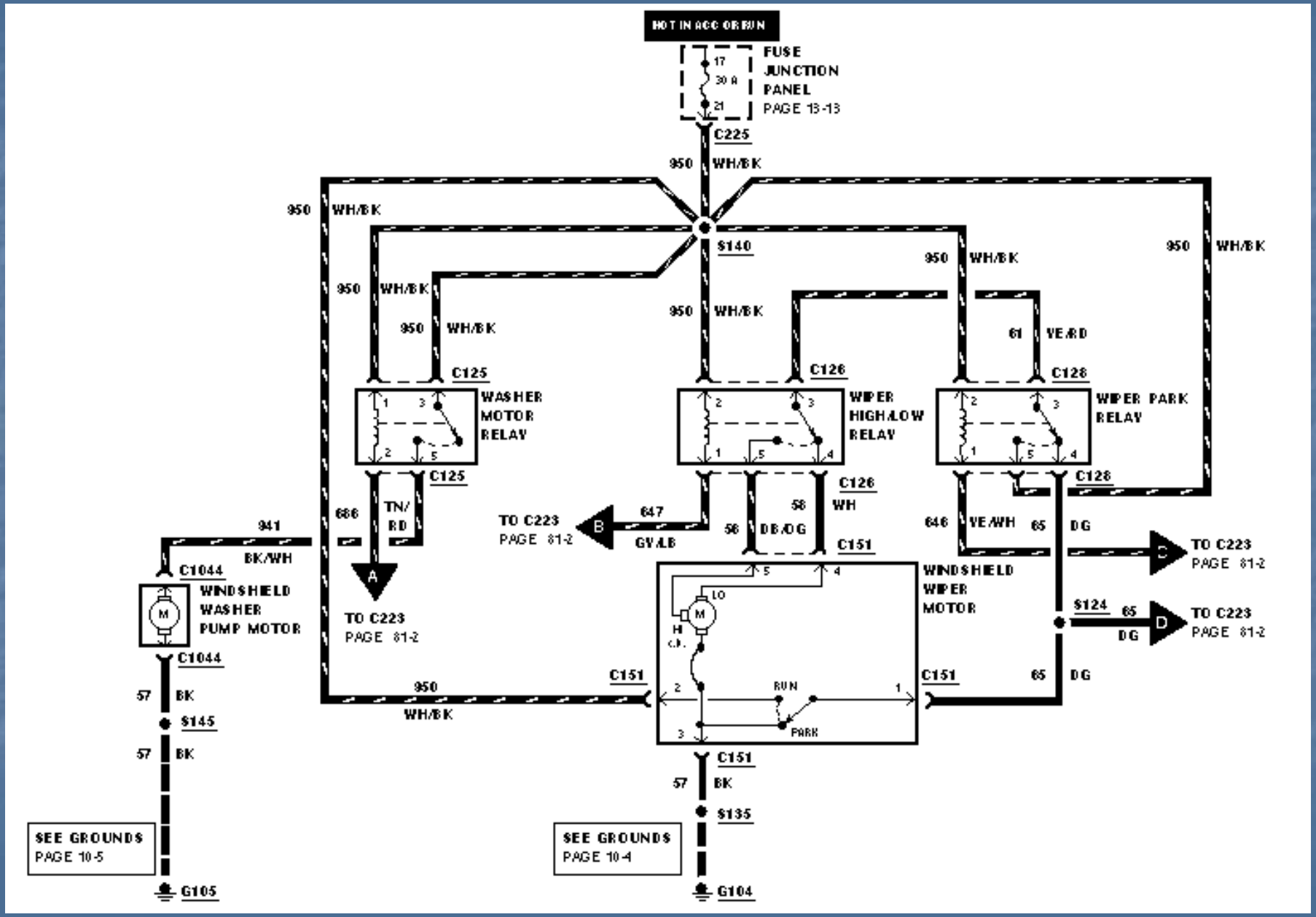
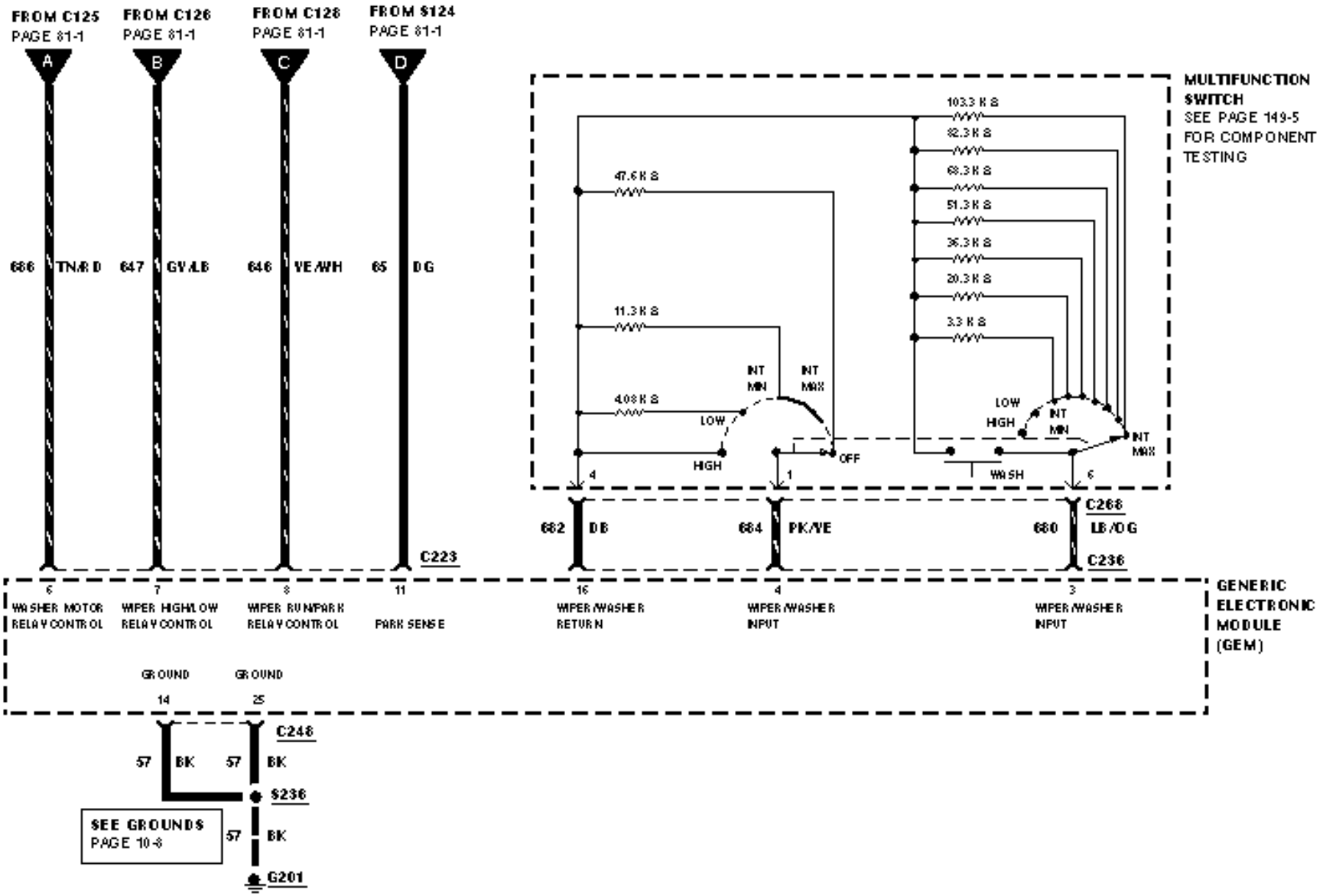
1999 Taurus

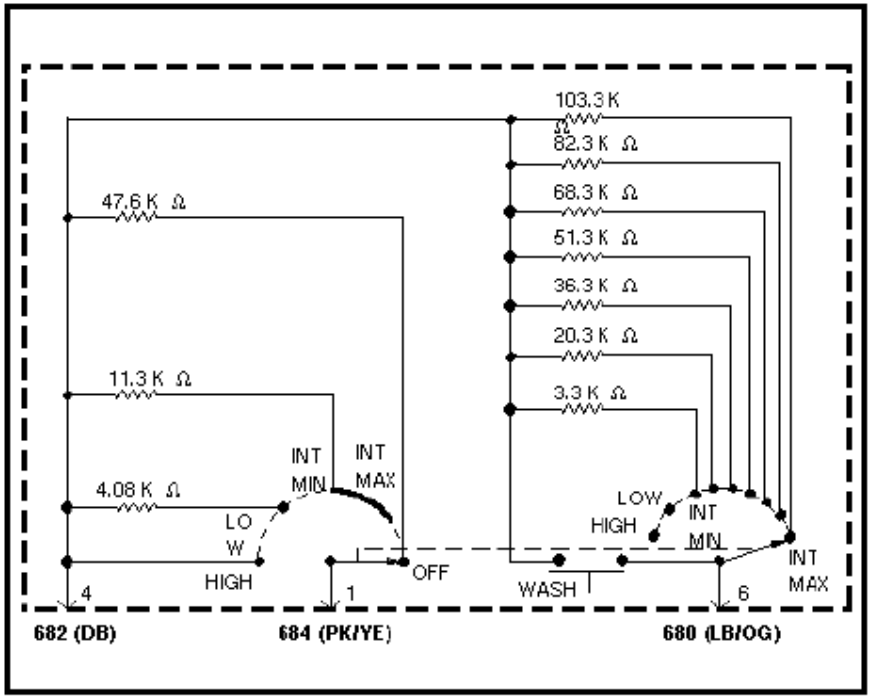

HOT IN ACC OR RUN
FUSE JUNCTION PANEL
PAGE 13-13
17
30 A
21
C225
950 WH/BK
S140
950 WH/BK
950 WH/BK
950 WH/BK
950 WH/BK
950 WH/BK
950 WH/BK
950 WH/BK
61 VE/RD
C125
C126
C128
WASHER MOTOR RELAY
WIPER HIGH/LOW RELAY
WIPER PARK RELAY
C125
C126
C128
686 TN/RD
TO C223 PAGE 81-2
647 GY/LB
TO C223 PAGE 81-2
56 DB/OG
58 WH
646 VE/WH
65 DG
TO C223 PAGE 81-2
941 BK/WH
C1044
WINDSHIELD WASHER PUMP MOTOR
C1044
57 BK
S145
57 BK
SEE GROUNDS PAGE 10-5
G105
C151
WINDSHIELD WIPER MOTOR
LO
HI
C.P.
RUN
PARK
950 WH/BK
C151
C151
65 DG
S124
65 DG
TO C223 PAGE 81-2
C151
57 BK
S135
SEE GROUNDS PAGE 10-4
G104


FROM C125
PAGE 81-1
FROM C126
PAGE 81-1
FROM C128
PAGE 81-1
FROM S124
PAGE 81-1
A
B
C
D
686 TN/RD
647 GY/LB
646 VE/WH
65 DG
C223
MULTIFUNCTION SWITCH
SEE PAGE 149-5 FOR COMPONENT TESTING
103.3 K Ω
82.3 K Ω
68.3 K Ω
51.3 K Ω
36.3 K Ω
20.3 K Ω
3.3 K Ω
47.6 K Ω
11.3 K Ω
4.08 K Ω
INT MIN
INT MAX
LOW
HIGH
OFF
WASH
4
1
6
682 DB
684 PK/VE
680 LB/DG
C268
C236
6 WASHER MOTOR RELAY CONTROL
7 WIPER HIGH/LOW RELAY CONTROL
8 WIPER RUN/PARK RELAY CONTROL
11 PARK SENSE
16 WIPER/WASHER RETURN
4 WIPER/WASHER INPUT
3 WIPER/WASHER INPUT
GENERIC ELECTRONIC MODULE (GEM)
GROUND 14
GROUND 25
C248
57 BK
57 BK
S236
SEE GROUNDS PAGE 10-8
57 BK
G201

COMPONENT TESTING PROCEDURE

TO TEST	Connect Self-Powered Test Light or Ohmmeter to Terminals	Move Switch to These Positions	A Good Switch Will Indicate
Washer Switch Circuit	680 (LB/OG) and 682 (DB)	With Wiper Switch OFF: Push washer switch in Release washer switch	Closed Circuit Open Circuit
Wiper Switch Circuit	684 (PK/YE) and 682 (DB)	OFF INT LOW HIGH	47.6k ohm 11.33k ohm 4.08k ohm Closed Circuit

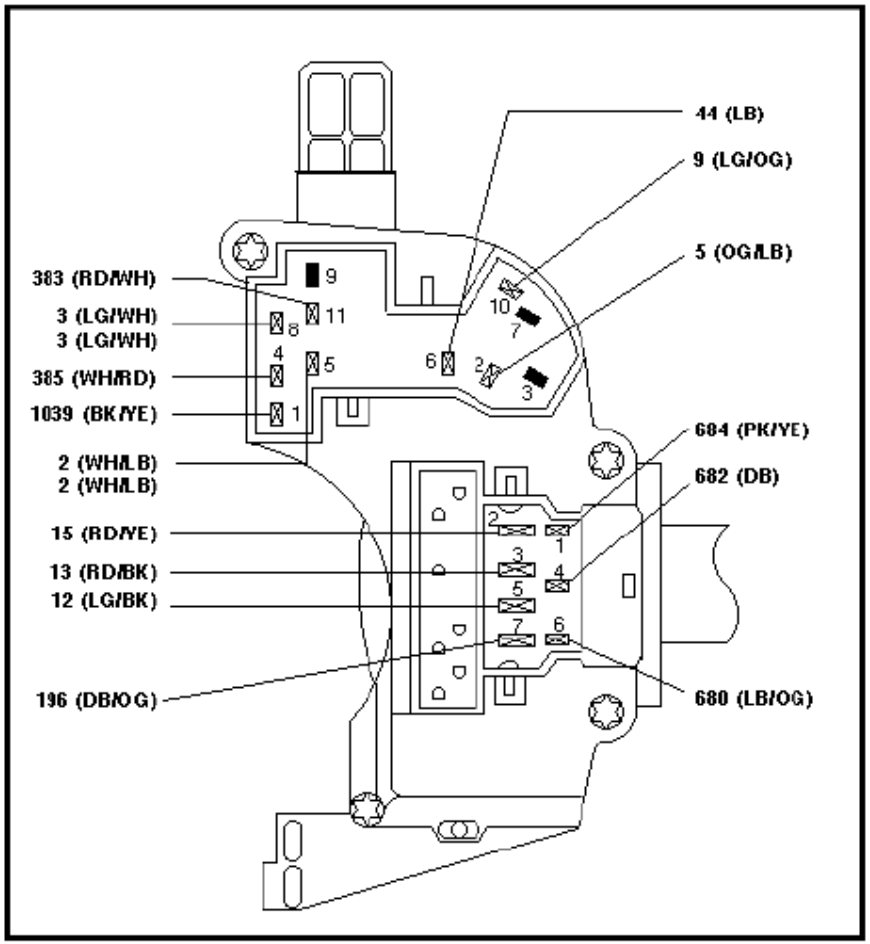
SCHEMATIC – WIPERD/WHASHER PORTION OF MULTIFUNCTION SWITCH



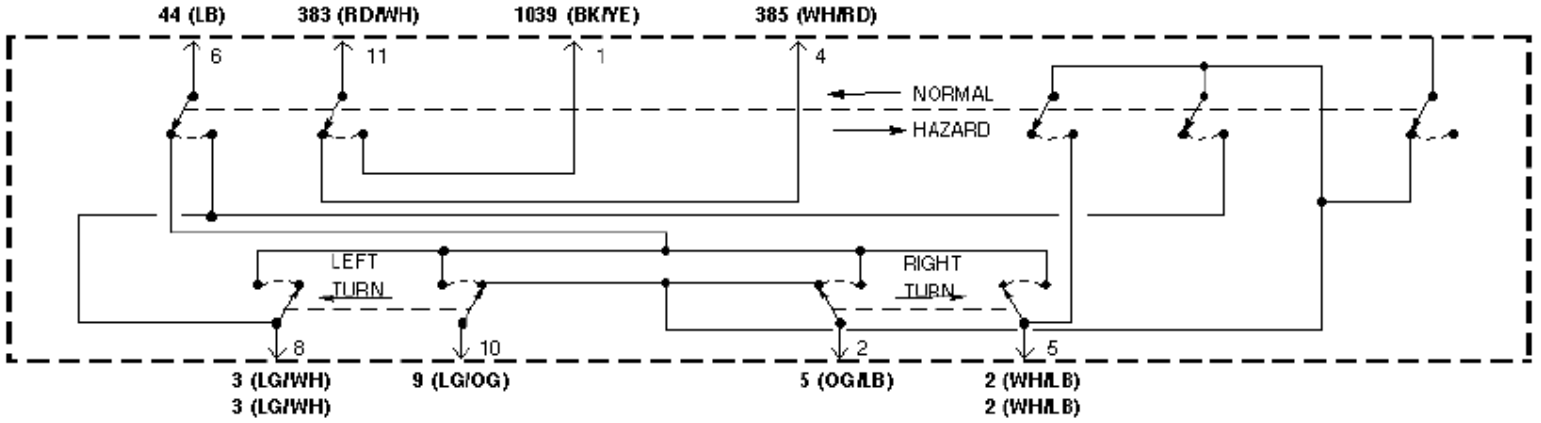
COMPONENT TESTING PROCEDURE (CONT.)

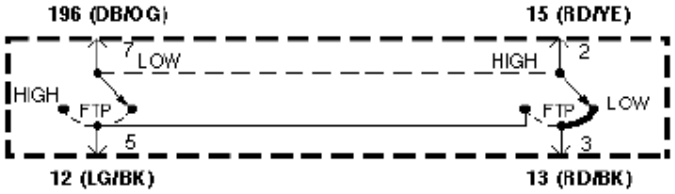
Interval Time Adjust	608 (LB/OG) and 682 (DB)	INT Max (#1 Detent) #2 Detent #3 #4 #5 #6 #7	103K Ohms 82.3K Ohms 68.3K Ohms 51.3K Ohms 36.3K Ohms 20.3K Ohms 3.3K Ohms

TERMINALS



SCHEMATIC - LAMP PORTION OF MULTIFUNCTION SWITCH





COMPONENT TESTING PROCEDURE

TO TEST	Connect Self-Powered Test Lamp or Ohmmeter to Terminals	Move Switch to These Positions	A Good Switch Will Indicate
Flash-To-Pass	196 (DB/OG) and 12 (LG/BK)- 15 (RD/YE) and 13 (RD/BK)	Pull and hold lever toward Steering Wheel	Closed Circuit
Dimmer High Beam	15 (RD/YE) and 12 (LG/BK)	Push lever away from Steering Wheel	Closed Circuit
Dimmer Low Beam	15 (RD/YE) and 13 (RD/BK)	Place lever in detent closest to Steering Wheel	Closed Circuit
Turn Switch Circuit	44 (LB) and 9 (LG/OG) 44 (LB) and 3 (LG/WH)	Hazard Switch to Normal (OFF) and Turn Switch to Turn Left	Closed Circuit
	44 (LB) and 5 (OG/LB) 44 (LB) and 2 (WH/LB)	Hazard Switch to Normal (OFF) and Turn Switch to Turn Right	Closed Circuit

COMPONENT TESTING PROCEDURE

TO TEST	Connect Self-Powered Test Lamp or Ohmmeter to Terminals	Move Switch to These Positions	A Good Switch Will Indicate
Hazard Switch Circuit	383 (RD/WH) and 1039 (BK/YE) 44 (LB) and 9 (LG/OG), 5 (OG/LB), 2 (WH/LB), 3 (LG/WH)	Hazard Switch On (Button depressed)	Closed Circuit
		Button returned to full out position	Open circuit
	385 (WH/RD) and 383 (RD/WH)	Hazard Switch OFF	Closed Circuit