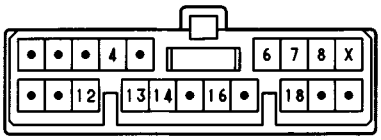
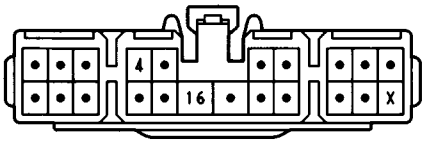
: SPLICE POINTS

CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS	CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS
E 92	32	COWL WIRE	I 56	36	COWL WIRE
E 98			I 58		
I 14	36		I 94		
I 25					

C15 BLACK

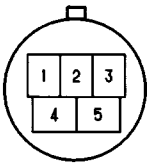


J 1

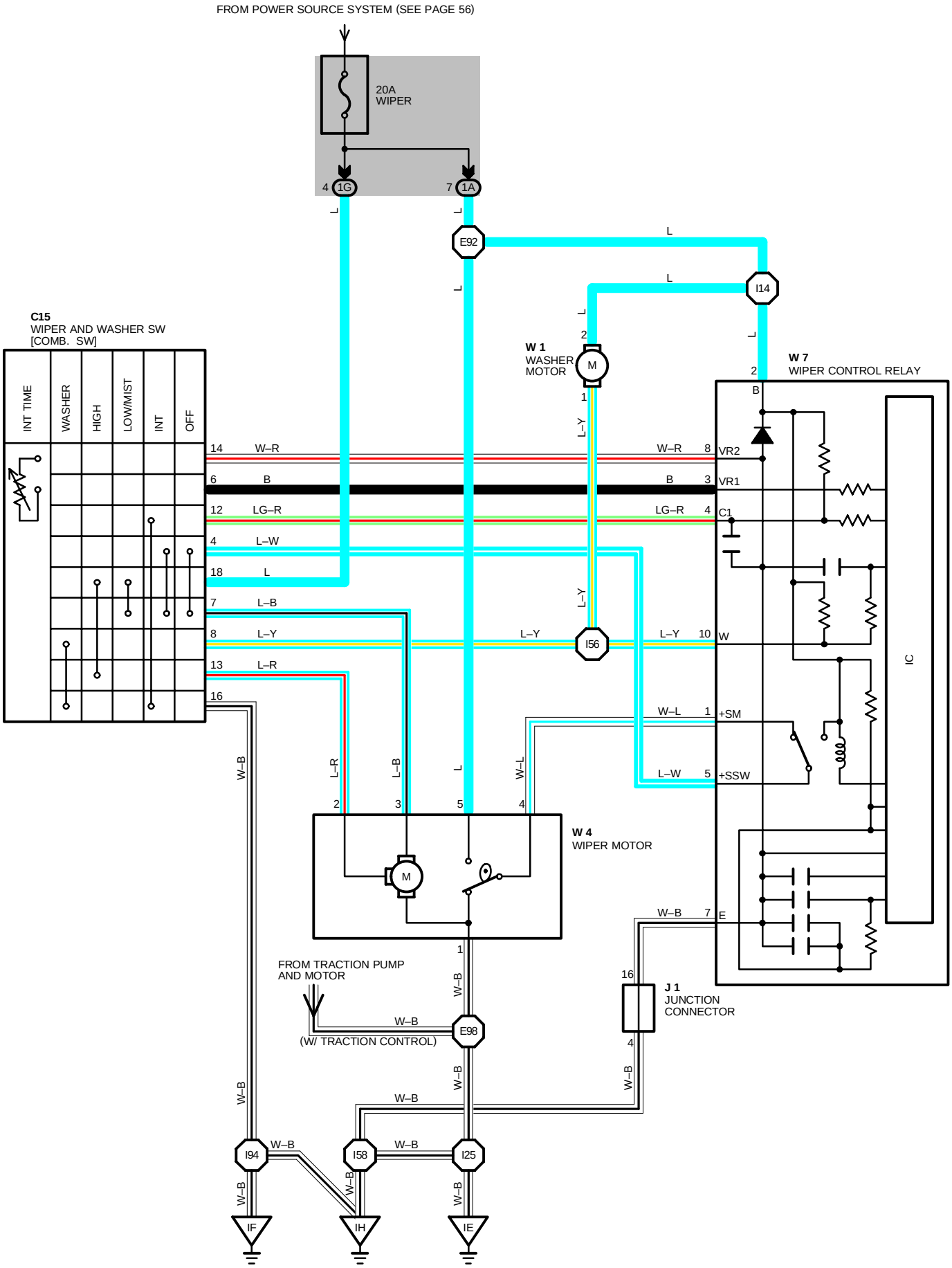


W 1 BLACK

W 4 BLACK



W 7


FROM POWER SOURCE SYSTEM (SEE PAGE 56)
20A
WIPER
4 1G
7 1A
E92
I14
C15
WIPER AND WASHER SW
[COMB. SW]
INT TIME
WASHER
HIGH
LOW/MIST
INT
OFF
W 1
WASHER
MOTOR
W 7
WIPER CONTROL RELAY
14 W–R
6 B
12 LG–R
4 L–W
18 L
7 L–B
8 L–Y
13 L–R
16
VR2
VR1
C1
W
+SM
+SSW
E
IC
I56
W 4
WIPER MOTOR
FROM TRACTION PUMP
AND MOTOR
(W/ TRACTION CONTROL)
E98
J 1
JUNCTION
CONNECTOR
I94
I58
I25
IF
IH
IE

SYSTEM OUTLINE

WITH THE IGNITION SW TURNED ON, THE CURRENT FLOWS TO **TERMINAL 18** OF THE WIPER AND WASHER SW, **TERMINAL 2** OF THE WASHER MOTOR, **TERMINAL 5** OF THE WIPER MOTOR AND **TERMINAL 2** OF THE WIPER CONTROL RELAY THROUGH THE WIPER FUSE.

1. LOW SPEED POSITION

WITH WIPER AND WASHER SW TURNED TO **LOW** POSITION, THE CURRENT FLOWS FROM **TERMINAL 18** OF THE WIPER AND WASHER SW **TERMINAL 7** → **TERMINAL 3** OF THE WIPER MOTOR → **TERMINAL 1** → TO **GROUND** AND CAUSES TO THE WIPER MOTOR TO RUN AT LOW SPEED.

2. HIGH SPEED POSITION

WITH WIPER AND WASHER SW TURNED TO **HIGH** POSITION, THE CURRENT FLOWS FROM **TERMINAL 18** OF THE WIPER AND WASHER SW **TERMINAL 13** → **TERMINAL 2** OF THE WIPER MOTOR → **TERMINAL 1** → TO **GROUND** AND CAUSES TO THE WIPER MOTOR TO RUN AT HIGH SPEED.

3. INT POSITION

WITH WIPER AND WASHER SW TURNED TO **INT** POSITION, CURRENT FLOWS FROM **TERMINAL 2** OF THE WIPER RELAY → **TERMINAL 4** → **TERMINAL 12** OF THE WIPER AND WASHER SW → **TERMINAL 16** → TO **GROUND**. AS A RESULT, THE WIPER CONTROL RELAY OPERATES AND CURRENT FLOWING THROUGH **TERMINAL 2** OF THE RELAY FLOWS FROM **TERMINAL 5** OF THE RELAY → **TERMINAL 4** OF THE WIPER AND WASHER SW → **TERMINAL 7** → **TERMINAL 3** OF THE WIPER MOTOR → **TERMINAL 1** → TO **GROUND** AND THE MOTOR OPERATES. INTERMITTENT OPERATION IS CONTROLLED BY THE CHARGING AND DISCHARGING OF A CONDENSER INSTALLED IN THE RELAY. BY CONTROLLING THE CHARGE TIME, THE TIMER CONTROL SW (WIPER SW) CHARGES THE INTERMITTENT INTERVAL.

4. MIST POSITION

WITH WIPER SW TURNED TO **MIST** POSITION, THE CURRENT FLOWS FROM **TERMINAL 18** OF THE WIPER AND WASHER SW → **TERMINAL 7** → **TERMINAL 3** OF THE WIPER MOTOR → **TERMINAL 1** → TO **GROUND** AND CAUSES TO THE WIPER MOTOR TO RUN AT LOW SPEED.

5. WASHER CONTINUOUS OPERATION

WHEN THE WASHER SW IS PUSHED, THE CURRENT FLOWING TO **TERMINAL 2** OF THE WASHER MOTOR → **TERMINAL 8** OF THE WIPER AND WASHER SW → **TERMINAL 16** → **GROUND**, CAUSING THE WASHER MOTOR TO OPERATE TO SPRAY THE WINDOW WASHER LIQUID.

AT THE SAME TIME, THE CURRENT FLOWING TO **TERMINAL 2** OF THE WIPER CONTROL RELAY FLOWS TO **TERMINAL 10** → **TERMINAL 8** OF THE WIPER AND WASHER SW → **TERMINAL 16** → **GROUND** AND ACTIVATES THE WASHER CONTINUOUS OPERATION CIRCUIT OF THE WIPER.

AS A RESULT. THE CURRENT FLOWS FROM **TERMINAL 2** OF THE RELAY → **TERMINAL 5** → **TERMINAL 4** OF THE WIPER AND WASHER SW **TERMINAL 7** → **TERMINAL 3** OF THE WIPER MOTOR → **TERMINAL 1** → TO **GROUND**, AND THE WASHER OPERATES CONTINUOUSLY.

SERVICE HINTS

C15 WIPER AND WASHER SW (COMB. SW)
16–GROUND : ALWAYS CONTINUITY
18–GROUND : APPROX. **12** VOLTS WITH IGNITION SW AT **ON** POSITION
7–GROUND : APPROX. **12** VOLTS WITH WIPER AND WASHER SW AT **LOW** OR **MIST** POSITION
APPROX. **12** VOLTS APPROX. **1** TO **10** SECONDS INTERMITTENTLY WITH WIPER SW AT **INT** POSITION
4–GROUND : APPROX. **12** VOLTS WITH IGNITION SW ON UNLESS WIPER MOTOR AT **STOP** POSITION
13–GROUND : APPROX. **12** VOLTS WITH IGNITION SW ON AND WIPER AND WASHER SW AT **HIGH** POSITION
W 4 WIPER MOTOR
4–5 : CLOSED UNLESS WIPER MOTOR AT **STOP** POSITION

○ : PARTS LOCATION

CODE	SEE PAGE	CODE	SEE PAGE	CODE	SEE PAGE
C15	26	**W 1**	25	**W 7**	27
J 1	27	**W 4**	25		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

CODE	SEE PAGE	JUNCTION BLOCK AND WIRE HARNESS (CONNECTOR LOCATION)
1A	18	COWL WIRE AND J/B NO.1 (LEFT SIDE OF STEERING COLUMN TUBE)
1G		

▽ : GROUND POINTS

CODE	SEE PAGE	GROUND POINTS LOCATION
IE	34	LEFT KICK PANEL
IF	34	INSTRUMENT PANEL BRACE LH
IH	34	RIGHT KICK PANEL