



○ : PARTS LOCATION

CODE	SEE PAGE	CODE	SEE PAGE	CODE	SEE PAGE
C14 C	30	C25 D	30	W 4	27(1UZ-FE),29(2JZ-GE)
C15 B	30	W 1	27(1UZ-FE),29(2JZ-GE)		
C16 A	30	W 2	27(1UZ-FE),29(2JZ-GE)		

□ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

CODE	SEE PAGE	JUNCTION BLOCK AND WIRE HARNESS (CONNECTOR LOCATION)
1E	20	INSTRUMENT PANEL WIRE AND J/B NO. 1 (LEFT KICK PANEL)
1H	20	COWL WIRE AND J/B NO. 1 (LEFT KICK PANEL)
1J		
1K		
3A	22	INSTRUMENT PANEL WIRE AND J/B NO. 3 (BEHIND THE INSTRUMENT PANEL CENTER)
3D		

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

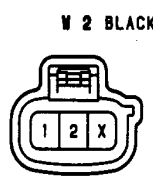
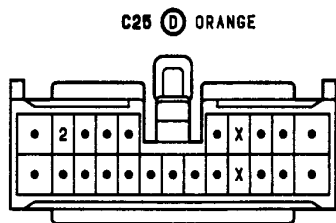
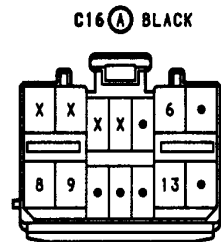
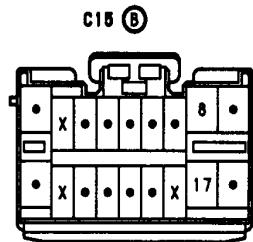
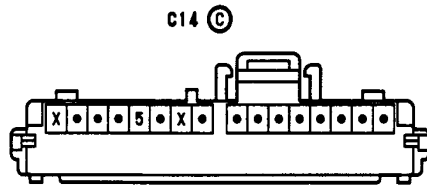
CODE	SEE PAGE	JOINING WIRE HARNESS AND WIRE HARNESS (CONNECTOR LOCATION)
IE1	40	ENGINE ROOM MAIN WIRE AND COWL WIRE (R/B NO.4)
IG1	40	INSTRUMENT PANEL WIRE AND COWL WIRE (R/B NO.5)

▽ : GROUND POINTS

CODE	SEE PAGE	GROUND POINTS LOCATION
EB	36(1UZ-FE) 38(2JZ-GE)	FRONT SIDE OF LEFT FENDER
IF	40	LEFT KICK PANEL

○ : SPLICE POINTS

CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS	CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS
I 2	42	COWL WIRE	I 5	42	COWL WIRE

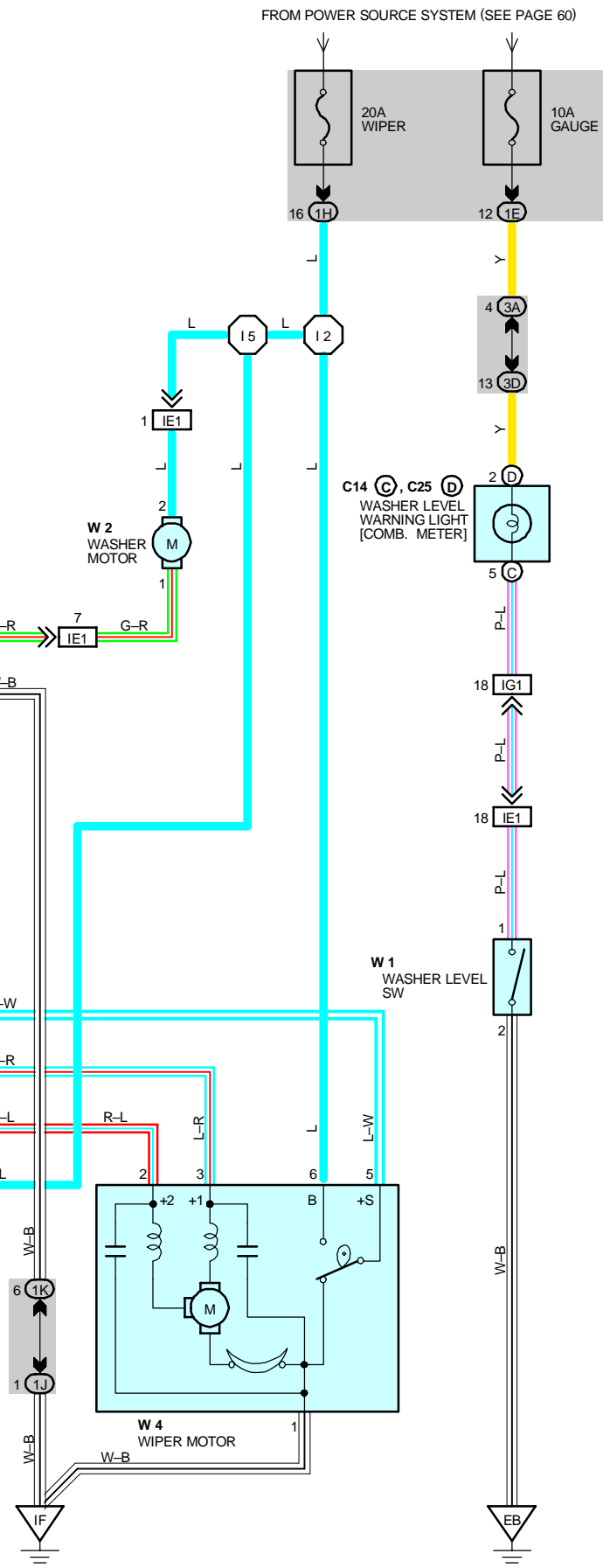
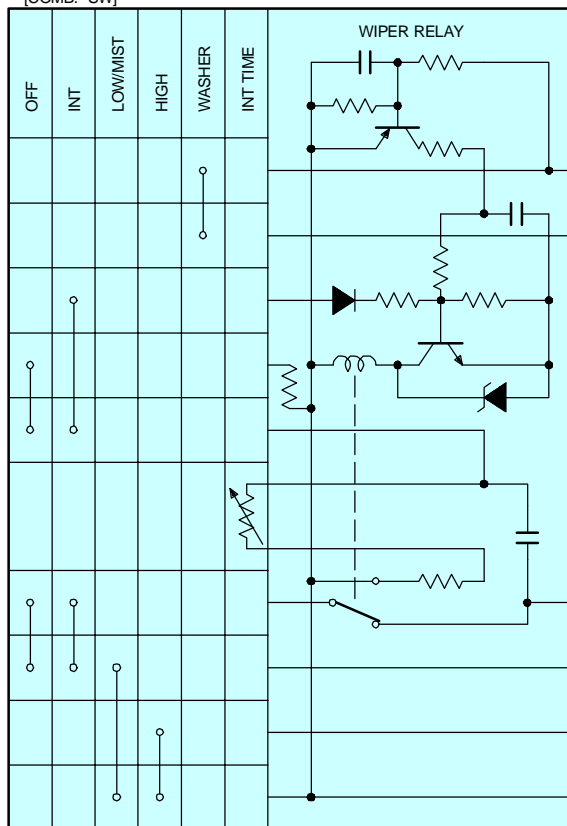




WIPER AND WASHER

C15 (B), C16 (A)

WIPER AND WASHER SW (W/ WIPER RELAY)
[COMB. SW]



SYSTEM OUTLINE

WITH THE IGNITION SW TURNED ON, THE CURRENT FLOWS TO **TERMINAL (A)9** OF THE WIPER AND WASHER SW, **TERMINAL 2** OF THE WASHER MOTOR AND **TERMINAL 6** OF THE WIPER MOTOR THROUGH THE **WIPER FUSE**.

1. LOW SPEED POSITION

WITH THE WIPER SW TURNED TO **LOW** POSITION. THE CURRENT FLOWS FROM **TERMINAL (A)9** OF THE WIPER AND WASHER SW TO → **TERMINAL (B)8** → **TERMINAL 3** OF THE WIPER MOTOR → **TERMINAL 1** → **GROUND** AND CAUSES THE WIPER MOTOR TO RUN AT LOW SPEED.

2. HIGH SPEED POSITION

WITH THE WIPER SW TURNED TO **HIGH** POSITION. THE CURRENT FLOWS FROM **TERMINAL (A)9** OF THE WIPER AND WASHER SW TO **TERMINAL (B)8** → **TERMINAL 2** OF THE WIPER MOTOR → **TERMINAL 1** → **GROUND** AND CAUSES THE WIPER MOTOR TO RUN AT HIGH SPEED.

3. INT POSITION

WITH THE WIPER SW TURNED TO **INT** POSITION, THE RELAY OPERATES AND THE CURRENT WHICH IS CONNECTED BY THE RELAY FUNCTION FLOWS FROM **TERMINAL (A)9** OF THE WIPER AND WASHER SW TO **TERMINAL (A)6** → **GROUND**. THIS FLOW OF CURRENT OPERATES THE INTERMITTENT CIRCUIT AND THE CURRENT FLOWS FROM **TERMINAL (A)9** OF THE WIPER AND WASHER SW TO **TERMINAL (B)8** → **TERMINAL 3** OF THE WIPER MOTOR **TERMINAL 1** → **GROUND** AND FUNCTIONS.

THE INTERMITTENT OPERATION IS CONTROLLED BY A CONDENSER'S CHARGED AND DISCHARGED FUNCTION INSTALLED IN RELAY AND THE INTERMITTENT TIME IS CONTROLLED BY A INT TIME CONTROL VOLUME SW TO CHARGE THE CHANGING TIME OF THE CONDENSER.

4. MIST POSITION

WITH THE WIPER SW TURNED TO **MIST** POSITION, THE CURRENT FLOWS FROM **TERMINAL (A) 9** OF THE WIPER AND WASHER SW TO **TERMINAL (B) 8** → **TERMINAL 3** OF THE WIPER MOTOR **TERMINAL 1** → **GROUND** AND CAUSES THE WIPER MOTOR TO RUN AT LOW SPEED.

5. WASHER CONTINUOUS OPERATION

WITH WASHER SW TURNED TO ON, THE CURRENT FLOWS FROM **TERMINAL 2** OF THE WASHER MOTOR TO **TERMINAL 1** **TERMINAL (A) 13** OF THE WIPER AND WASHER SW → **TERMINAL (A) 6** → **GROUND** AND CAUSES THE WASHER MOTOR TO RUN WINDOW WASHER IS JET.

THIS CAUSES THE CURRENT TO FLOW WASHER CONTINUOUS OPERATION CIRCUIT IN **TERMINAL (A) 9** OF THE WIPER AND WASHER SW TO **TERMINAL (B) 8** → **TERMINAL 3** OF THE WIPER MOTOR → **TERMINAL 1** → **GROUND** AND FUNCTION.

SERVICE HINTS

C15(B), C16(A) WIPER AND WASHER SW (COMB. SW)

(A) 6—GROUND: ALWAYS CONTINUITY

(A) 9—GROUND: APPROX. 12 VOLTS WITH IGNITION SW AT **ON** POSITION

(B) 8—GROUND: APPROX. 12 VOLTS WITH WIPER AND WASHER SW AT **LOW** OR **MIST** POSITION

:APPROX. 12 VOLTS EVERY APPROX. 1 TO 10 SECONDS INTERMITTENTLY WITH WIPER SW AT **INT** POSITION

(B)17—GROUND: APPROX. 12 VOLTS WITH IGNITION SW ON UNLESS WIPER MOTOR AT **STOP** POSITION

(A) 8—GROUND: APPROX. 12 VOLTS WITH IGNITION SW ON AND WIPER AND WASHER SW AT **HIGH** POSITION

W 4 WIPER MOTOR

6—5: CLOSED UNLESS WIPER MOTOR AT **STOP** POSITION