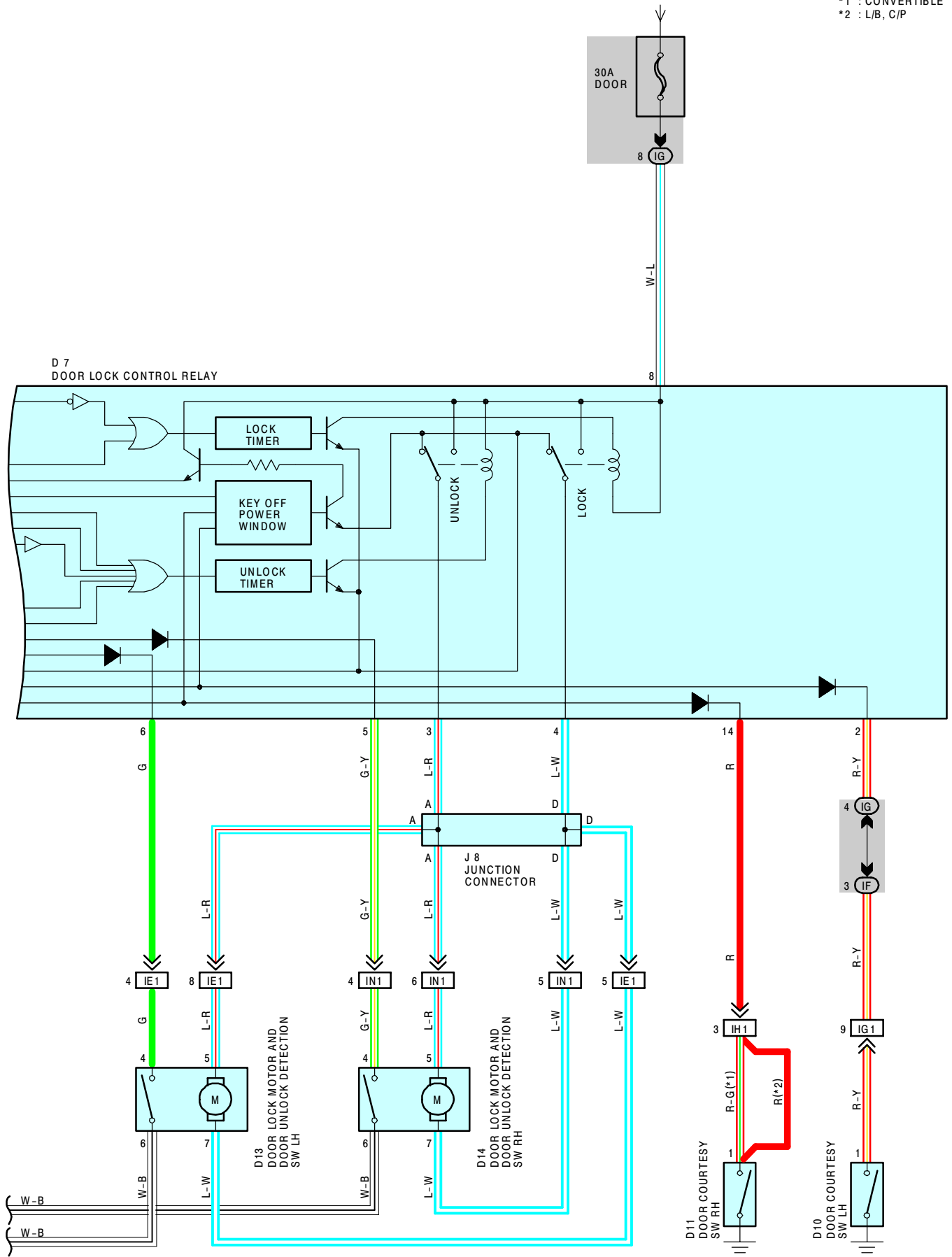




FROM POWER SOURCE SYSTEM (SEE PAGE 62)

*1 : CONVERTIBLE
*2 : L/B, C/P





DOOR LOCK CONTROL

SYSTEM OUTLINE

CURRENT ALWAYS FLOWS TO **TERMINAL 8** OF THE DOOR LOCK CONTROL RELAY THROUGH THE **DOOR FUSE**.

WHEN THE IGNITION SW TURNED ON, CURRENT FLOWS THROUGH THE **GAUGE FUSE** TO **TERMINAL 1** OF THE RELAY.

1. MANUAL LOCK OPERATION

WHEN THE DOOR CONTROL SW OR KEY SW ARE PUSHED TO **LOCK** POSITION, A LOCK SIGNAL IS INPUT TO **TERMINAL 10, 12** (FOR KEY SW) OF THE DOOR LOCK CONTROL RELAY, CAUSING THE RELAY TO FUNCTION. CURRENT FLOWS FROM **TERMINAL 8** OF THE RELAY TO **TERMINAL 4** → **TERMINAL 7** OF THE DOOR LOCK MOTORS → **TERMINAL 5** → **TERMINAL 3** OF THE RELAY → **TERMINAL 16** → **GROUND** AND THE DOOR LOCK MOTOR CAUSES THE DOOR TO LOCK.

2. MANUAL UNLOCK OPERATION

WHEN THE DOOR LOCK CONTROL SW OR KEY SW ARE PUSHED TO **UNLOCK** POSITION, AN UNLOCK SIGNAL IS INPUT TO **TERMINAL 11, 9** (FOR KEY SW LH) OR **13** (FOR KEY SW RH) OF THE DOOR LOCK CONTROL RELAY, CAUSING THE RELAY TO FUNCTION. CURRENT FLOWS FROM **TERMINAL 8** OF THE RELAY TO **TERMINAL 3** → **TERMINAL 5** OF THE DOOR LOCK MOTORS → **TERMINAL 7** → **TERMINAL 4** OF THE RELAY → **TERMINAL 16** → **GROUND** AND THE DOOR LOCK MOTOR CAUSES THE DOOR TO UNLOCK.

WHEN UNLOCK OPERATION OCCURS USING THE LH DOOR KEY SW, PERFORMING THE UNLOCK OPERATION ONCE UNLOCKS ONLY THE DRIVER'S DOOR. TO UNLOCK ALL THE OTHER DOORS TOGETHER, UNLOCK OPERATION MUST BE PERFORMED AGAIN WITHIN 3 SECONDS OF THE FIRST OPERATION.

3. IGNITION KEY REMINDER OPERATION

* OPERATION OF DOOR LOCK BUTTON (OPERATION OF DOOR LOCK MOTORS)

WHEN THE IGNITION KEY IS IN THE CYLINDER (UNLOCK WARNING SW ON) AND THE DOOR IS OPENED AND LOCKED USING DOOR LOCK BUTTON (DOOR LOCK MOTOR), THE DOOR IS LOCKED ONCE BUT EACH DOOR IS UNLOCKED SOON BY THE OPERATION OF THE RELAY. AS A RESULT OF THE RELAY ACTIVATION, CURRENT FLOWS FROM **TERMINAL 8** OF THE RELAY TO **TERMINAL 3** → **TERMINAL 5** OF THE DOOR LOCK MOTORS → **TERMINAL 7** → **TERMINAL 4** OF THE ECU → **TERMINAL 16** → **GROUND**, CAUSING ALL THE DOORS TO UNLOCK. THE SAME APPLIES TO OPERATION OF THE DOOR LOCK CONTROL SW AND THE DOOR LOCK KEY SW.

* KEYLESS LOCK OPERATION

WHEN THE IGNITION KEY IS STILL INSERTED IN THE CYLINDER (UNLOCK WARNING SW ON), THE DOOR IS OPENED AND UNLOCK OPERATION IS PREVENTED BY KEEPING THE DOOR LOCK BUTTON PRESSED TO THE LOCK SIDE, THE DOOR IS KEPT IN THE LOCK CONDITION. IF THE DOOR IS THEN CLOSED, A SIGNAL IS INPUT TO THE RELAY FROM THE DOOR COURTESY SW. THIS ACTIVATES THE RELAY AND EACH DOOR IS UNLOCKED.

SERVICE HINTS

D10, D11 DOOR COURTESY SW LH, RH

1-GROUND : CLOSED WITH THE DOOR OPEN

D13, D14 DOOR KEY LOCK AND UNLOCK SW LH, RH

1-2 : CLOSED WITH THE DOOR LOCK CYLINDER UNLOCKED WITH THE KEY

3-2 : CLOSED WITH THE DOOR LOCK CYLINDER LOCKED WITH THE KEY

D13, D14 DOOR LOCK MOTOR AND DOOR UNLOCK DETECTION SW LH, RH

4-6 : CLOSED WITH THE DOOR LOCK MOTOR AND DOOR UNLOCK DETECTION SW AT UNLOCK POSITION

U 1 UNLOCK WARNING SW

2-1 : CLOSED WITH THE IGNITION KEY IN THE CYLINDER

D 7 DOOR LOCK CONTROL RELAY

11-GROUND : CONTINUITY WITH THE DOOR LOCK CONTROL SW AT **UNLOCK** POSITION

10-GROUND : CONTINUITY WITH THE DOOR LOCK CONTROL SW AT **LOCK** POSITION

1-GROUND : APPROX. 12 VOLTS WITH THE IGNITION SW AT **ON** POSITION

7-GROUND : CONTINUITY WITH THE IGNITION KEY IN THE CYLINDER

6-GROUND : CONTINUITY WITH THE LH DOOR AT **UNLOCK** POSITION

5-GROUND : CONTINUITY WITH THE RH DOOR AT **UNLOCK** POSITION

9-GROUND : CONTINUITY WITH THE DOOR LOCK KEY SW LH AT **UNLOCK** POSITION

13-GROUND : CONTINUITY WITH THE DOOR LOCK KEY SW RH AT **UNLOCK** POSITION

12-GROUND : CONTINUITY WITH THE DOOR LOCK KEY SW AT **LOCK** POSITION

16-GROUND : ALWAYS CONTINUITY

8-GROUND : ALWAYS APPROX. 12 VOLTS

○ : PARTS LOCATION

CODE	SEE PAGE	CODE	SEE PAGE	CODE	SEE PAGE
D 5	32	D12	34 (L/B), 35 (C/P)	J 7	33
D 7	32		36 (CONVERTIBLE)	J 8	33
D10	34 (L/B), 35 (C/P)	D13	34 (L/B), 35 (C/P)	P 7	34 (L/B), 35 (C/P)
	36 (CONVERTIBLE)		36 (CONVERTIBLE)		37 (CONVERTIBLE)
D11	34 (L/B), 35 (C/P)	D14	34 (L/B), 35 (C/P)	U 1	33
	36 (CONVERTIBLE)		36 (CONVERTIBLE)		

○ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

CODE	SEE PAGE	JUNCTION BLOCK AND WIRE HARNESS (CONNECTOR LOCATION)
IC	20	INSTRUMENT PANEL WIRE AND INPANE J/B (LEFT KICK PANEL)
ID		
IE		
IF		
IG		
3A	24	INSTRUMENT PANEL WIRE AND J/B NO.3 (BEHIND THE INSTRUMENT PANEL)
3C		

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

CODE	SEE PAGE	JOINING WIRE HARNESS AND WIRE HARNESS (CONNECTOR LOCATION)
IE1	42	FRONT DOOR LH WIRE AND INSTRUMENT PANEL WIRE (LEFT KICK PANEL)
IE2		
IG1	42	INSTRUMENT PANEL WIRE AND FLOOR WIRE (LEFT KICK PANEL)
IH1	42	FLOOR WIRE AND INSTRUMENT PANEL WIRE (LEFT KICK PANEL)
IN1	44	FRONT DOOR RH WIRE AND INSTRUMENT PANEL WIRE (RIGHT KICK PANEL)

▽ : GROUND POINTS

CODE	SEE PAGE	GROUND POINTS LOCATION
IE	42	INSTRUMENT PANEL BRACE LH

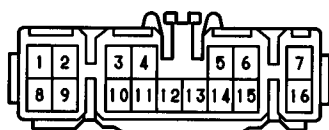
○ : SPLICE POINTS

CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS	CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS
I 3	44	INSTRUMENT PANEL WIRE	B 2	50 (CONVERTIBLE)	FRONT DOOR LH WIRE
I 4			B 6	46 (L/B)	FRONT DOOR RH WIRE
B 2	48 (C/P)				
	48 (C/P)	50 (CONVERTIBLE)			

D 5 BLACK



D 7



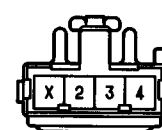
D10



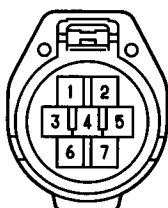
D11



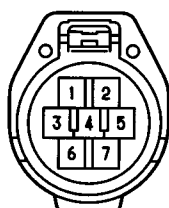
D12



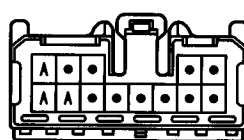
D13 GRAY



D14 GRAY

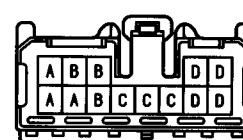


J 7



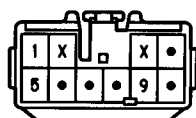
(HINT:SEE PAGE 7)

J 8 BLUE

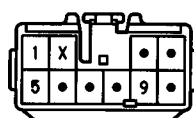


(HINT:SEE PAGE 7)

(L/B,C/P) P 7 BLUE



(CONVERTIBLE) P 7 BLUE



U 1 GRAY

