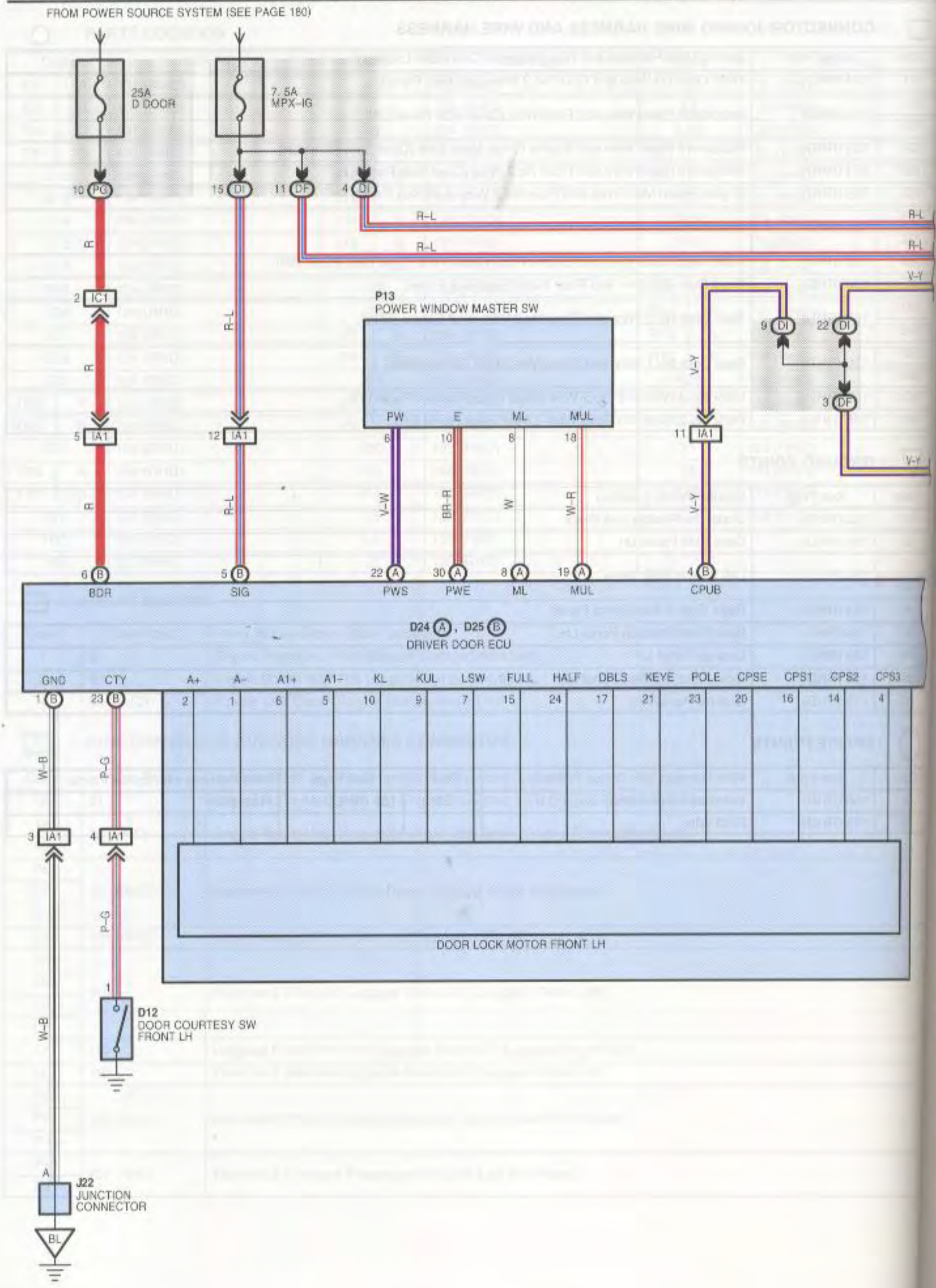
DOOR LOCK CONTROL (LHD w/o SMART KEY SYSTEM)



FROM POWER SOURCE SYSTEM (SEE PAGE 180)

25A
P DOOR

7.5A
MPX-B1

10 PJ
4 PE
10 PI
8 PI

V-Y
R-L
R-L
V-Y
V-Y
R-L

R-L
R-L
V-Y

V-Y
R
V-Y
V-Y
R-L

G A
G A
J11 A, J12 B
JUNCTION CONNECTOR

H B
F A
F A
J13 A, J14 B
JUNCTION CONNECTOR

5 PI
3 PE
3 PI

D18
DOOR LOCK CONTROL SW
FRONT RH

ILL+ L E UL
4 3 2 1

5 IJ1
11 IJ1
12 IJ1

V-Y
V-Y
R
V-Y
R-L
R-L
R-L
R-L
R-L
V-W
G-R
P
G-B

6 B
4 B
5 B
22 A
8 A
27 A
19 A

BDR
CPUB
SIG
PWS
ML
DLE
MUL

D24 A, D25 B
DRIVER DOOR ECU

F16 A, F17 B
FRONT PASSENGER DOOR ECU

MPX2
MPX1
GND
CTY

26 B
17 B
1 B
23 B

P-L
P-L
W-B
P-G

10 IA1
14 IA1
3 IJ1
4 IJ1

P-L
P-L
W-B
P-G

D13
DOOR COURTESY SW
FRONT RH

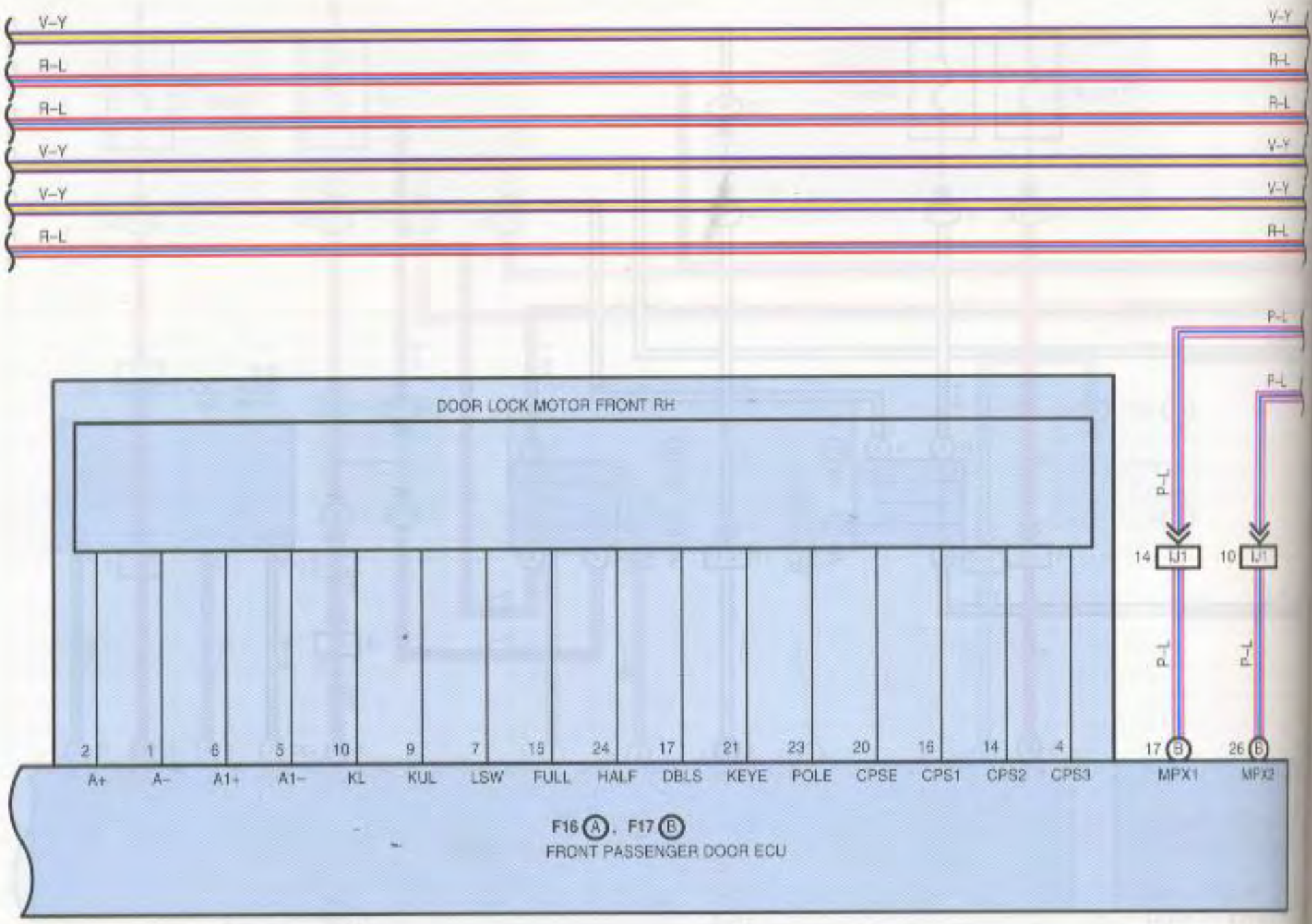
1

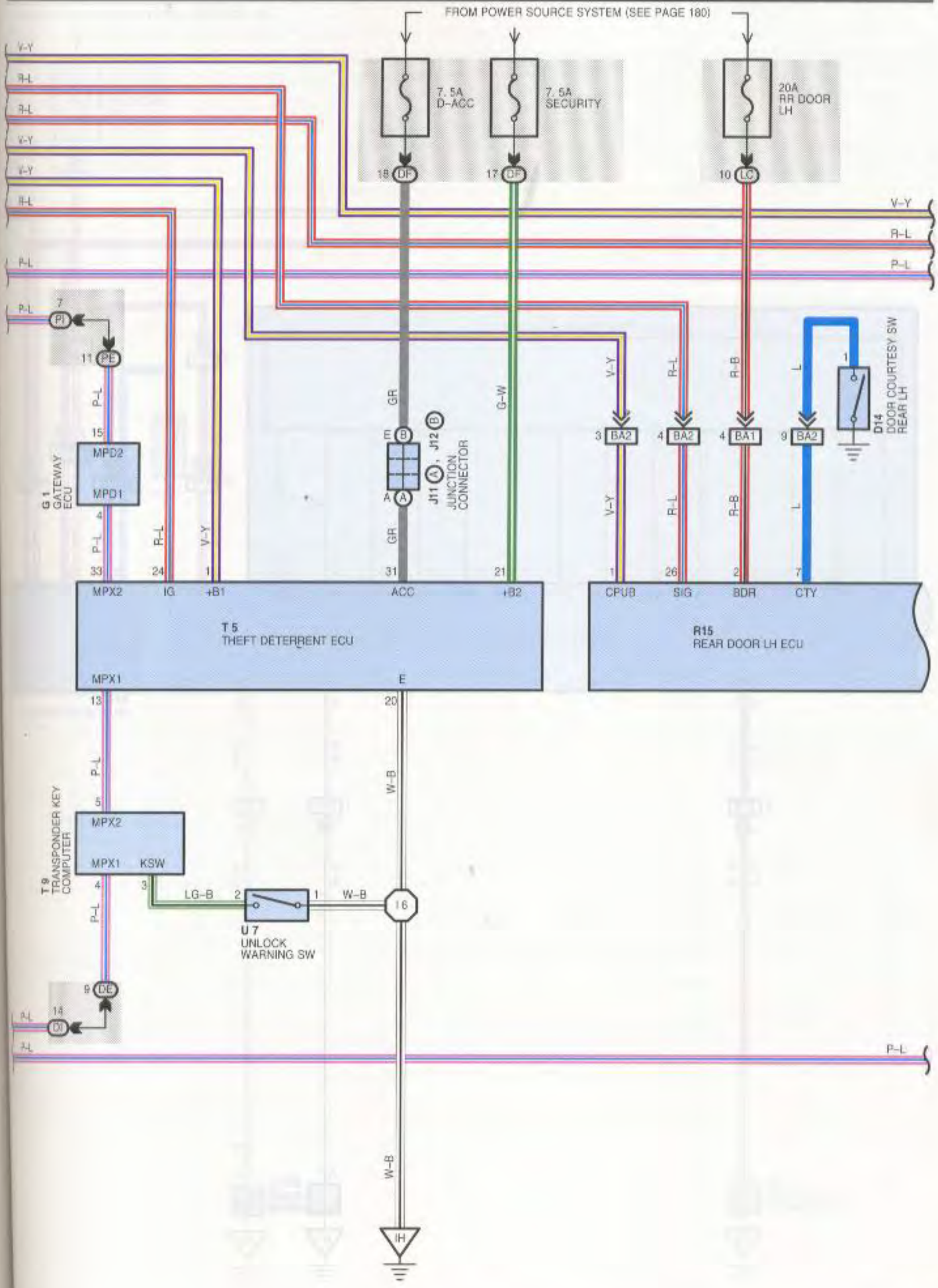
P-L
P-L

A
J27
JUNCTION CONNECTOR

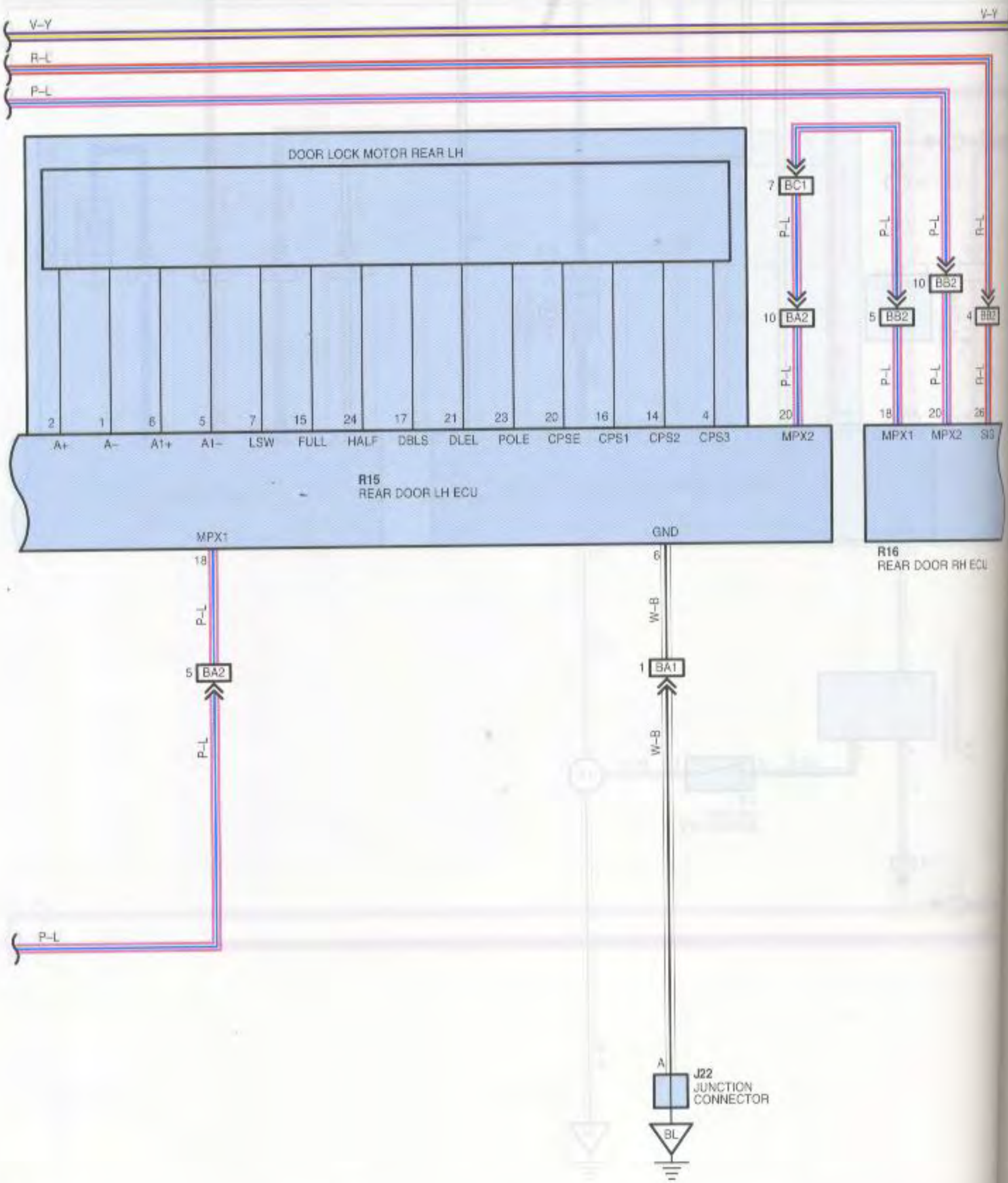
BN

DOOR LOCK CONTROL (LHD w/o SMART KEY SYSTEM)

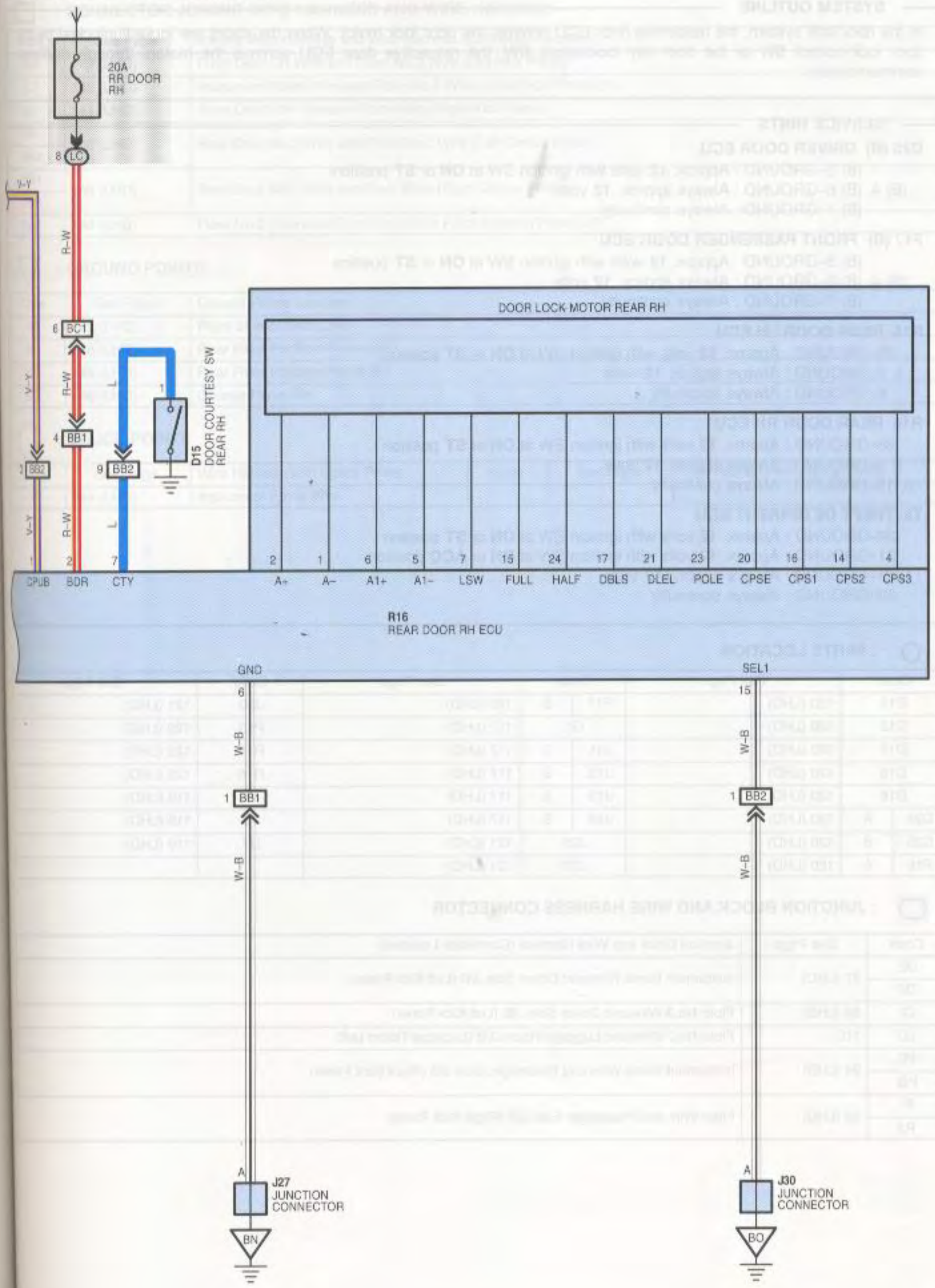



FROM POWER SOURCE SYSTEM (SEE PAGE 180)
7.5A D-ACC
7.5A SECURITY
20A RR DOOR LH
18 DF
17 DF
10 LC
V-Y
R-L
P-L
P-L 7 PI
11 PE
G1 GATEWAY ECU
MPD2
MPD1
15
4
33
24
1
P-L
R-L
V-Y
GR
GR
J11 A, J12 B
JUNCTION CONNECTOR
G-W
31
21
3 BA2
4 BA2
4 BA1
9 BA2
D14 DOOR COURTESY SW REAR LH
MPX2
IG
+B1
ACC
+B2
CPUB
SIG
BDR
CTY
T5
THEFT DETERRENT ECU
R15
REAR DOOR LH ECU
MPX1
E
13
20
W-B
T9 TRANSPONDER KEY COMPUTER
5
MPX2
MPX1
KSW
4
3
LG-B
2
1
W-B
16
U7
UNLOCK WARNING SW
9 DE
14 DI
IH

DOOR LOCK CONTROL (LHD w/o SMART KEY SYSTEM)



FROM POWER SOURCE SYSTEM (SEE PAGE 180)



DOOR LOCK CONTROL (LHD w/o SMART KEY SYSTEM)

SYSTEM OUTLINE

In the door lock system, the respective door ECU controls the door lock motor. When the doors are locked/unlocked by the door lock control SW or the door key lock/unlock SW, the respective door ECU controls the motors through multiplex communication.

SERVICE HINTS

D25 (B) DRIVER DOOR ECU

(B) 5-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
(B) 4, (B) 6-GROUND : Always approx. **12** volts
(B) 1-GROUND : Always continuity

F17 (B) FRONT PASSENGER DOOR ECU

(B) 5-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
(B) 4, (B) 6-GROUND : Always approx. **12** volts
(B) 1-GROUND : Always continuity

R15 REAR DOOR LH ECU

26-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
1, 2-GROUND : Always approx. **12** volts
6-GROUND : Always continuity

R16 REAR DOOR RH ECU

26-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
1, 2-GROUND : Always approx. **12** volts
6, 15-GROUND : Always continuity

T5 THEFT DETERRENT ECU

24-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
31-GROUND : Approx. **12** volts with ignition SW at **ON** or **ACC** position
1, 21-GROUND : Always approx. **12** volts
20-GROUND : Always continuity

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code	See Page
D12		120 (LHD)	F17	B	120 (LHD)	J30	121 (LHD)
D13		120 (LHD)	G1		117 (LHD)	P13	122 (LHD)
D14		120 (LHD)	J11	A	117 (LHD)	R15	122 (LHD)
D15		120 (LHD)	J12	B	117 (LHD)	R16	122 (LHD)
D18		120 (LHD)	J13	A	117 (LHD)	T5	119 (LHD)
D24	A	120 (LHD)	J14	B	117 (LHD)	T9	119 (LHD)
D25	B	120 (LHD)	J22		121 (LHD)	U7	119 (LHD)
F16	A	120 (LHD)	J27		121 (LHD)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
DE	87 (LHD)	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
DF		
DI	89 (LHD)	Floor No.2 Wire and Driver Side J/B (Left Kick Panel)
LC	110	Floor No.2 Wire and Luggage Room J/B (Luggage Room Left)
PE	94 (LHD)	Instrument Panel Wire and Passenger Side J/B (Right Kick Panel)
PG		
PI	95 (LHD)	Floor Wire and Passenger Side J/B (Right Kick Panel)
PJ		

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	142 (LHD)	Front Door LH Wire and Floor No.2 Wire (Left Kick Panel)
IC1	142 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Cowl Side Panel LH)
IJ1	144 (LHD)	Front Door RH Wire and Floor Wire (Right Kick Panel)
BA1	146 (LHD)	Rear Door No.2 Wire and Floor No.2 Wire (Left Center Pillar)
BA2		
BB1	146 (LHD)	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
BB2		
BC1	146 (LHD)	Floor No.2 Wire and Floor Wire (Rear Floor Partition Panel LH)

▽ : GROUND POINTS

Code	See Page	Ground Points Location
IH	142 (LHD)	Right Side of Shift Lever
BL	146 (LHD)	Rear Floor Partition Panel LH
BN	146 (LHD)	Rear Floor Partition Panel RH
BO	146 (LHD)	Quarter Panel RH

⬡ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I6	144 (LHD)	Instrument Panel Wire			