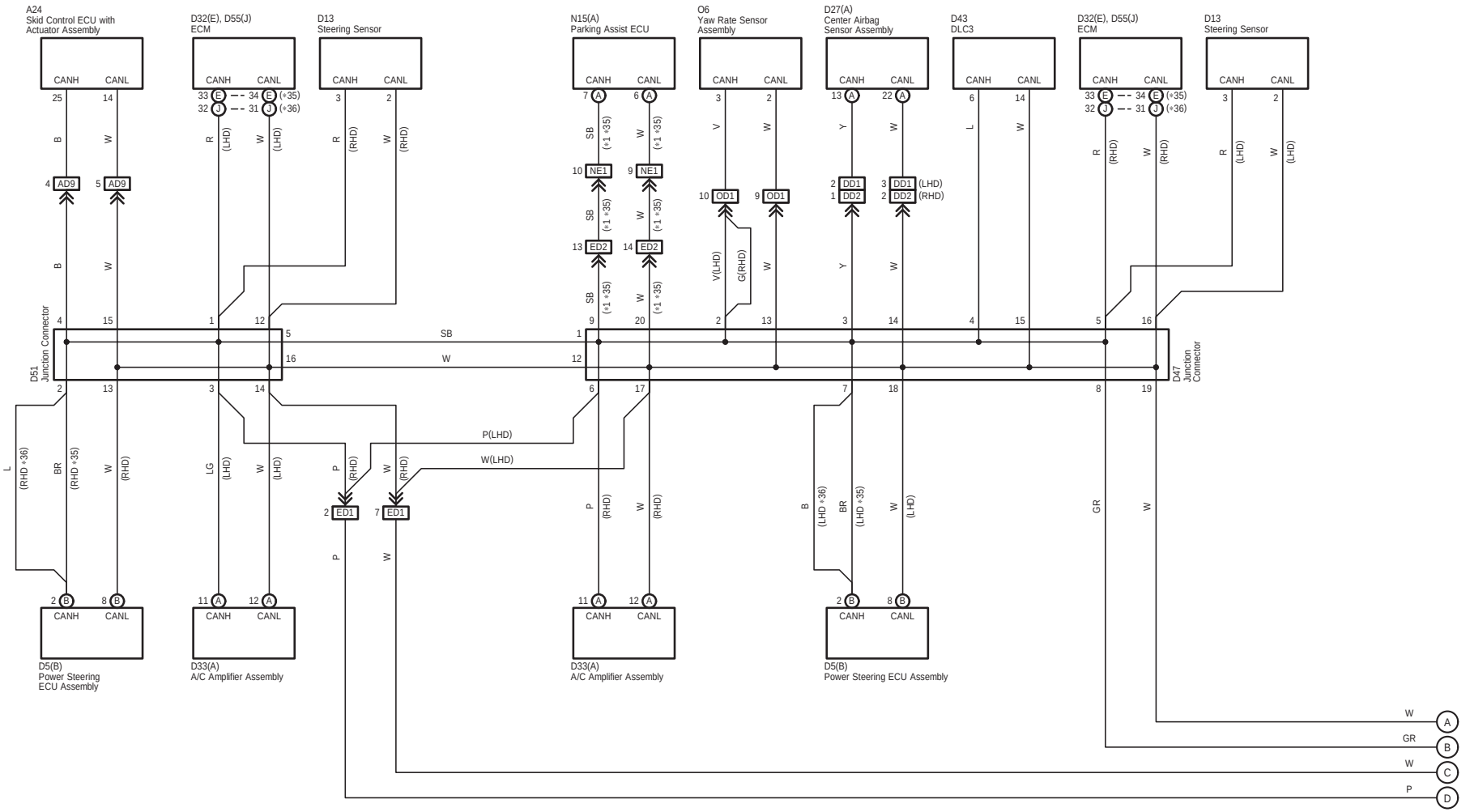
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Multiplex Communication System (CAN)

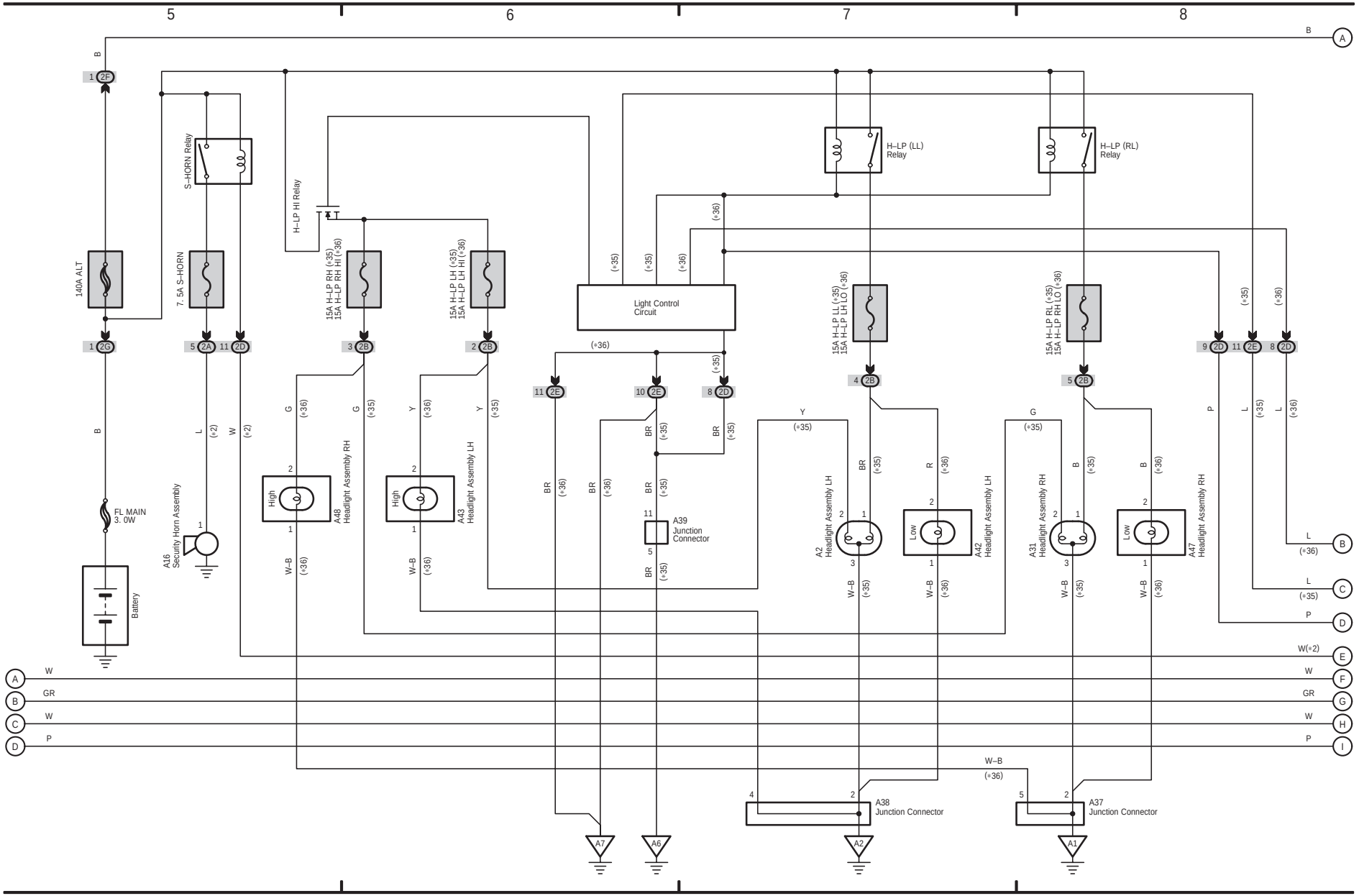
∗ 1 : w/ Parking Assist (Back Guide Monitor)
∗35 : Before Jul. 2010 Production
∗36 : From Jul. 2010 Production



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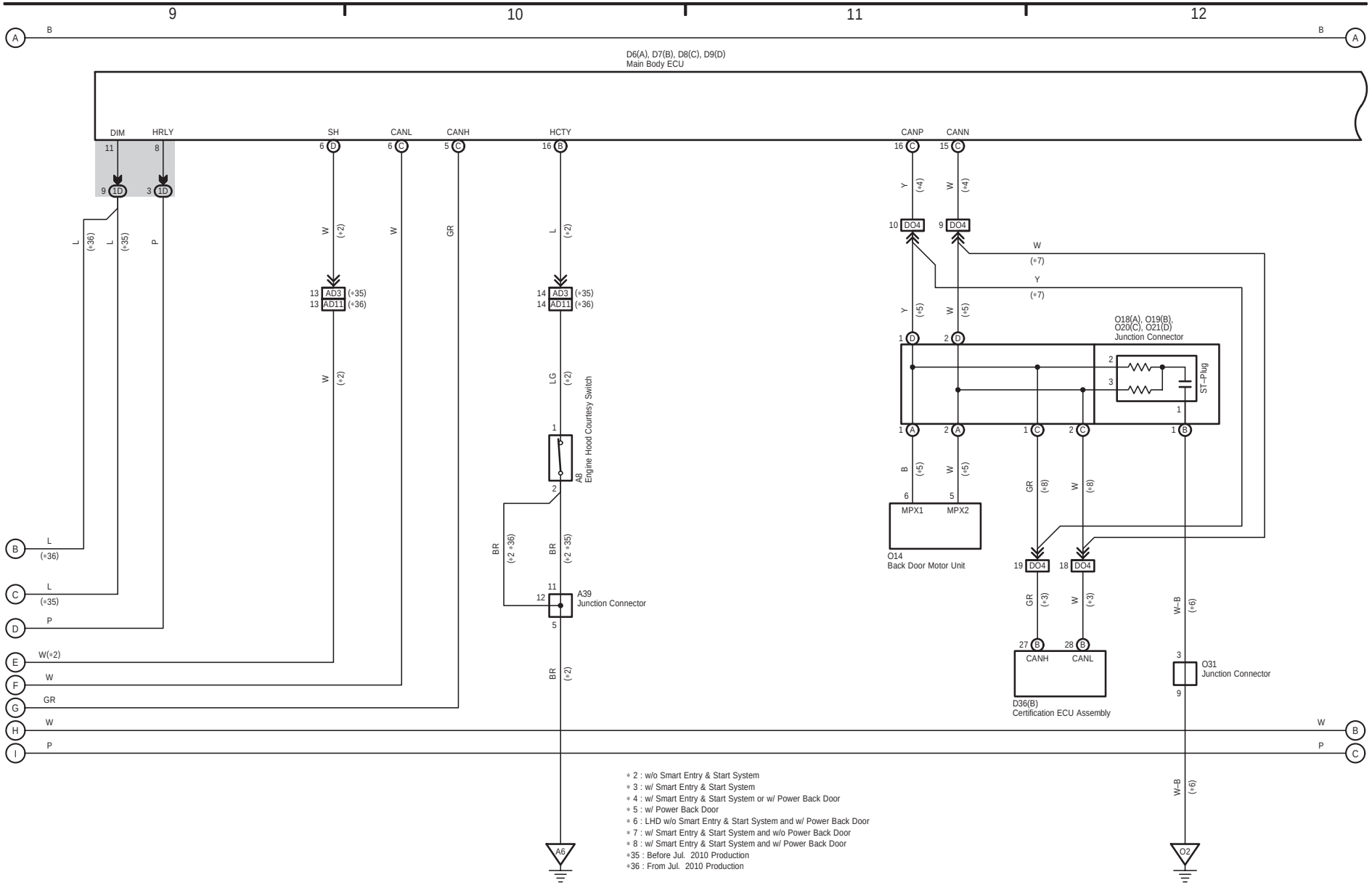
Multiplex Communication System (CAN)

∗ 2 : w/o Smart Entry & Start System
∗35 : Before Jul. 2010 Production
∗36 : From Jul. 2010 Production



(Cont. next page)

Multiplex Communication System (CAN)



2 HIGHLANDER / KLUGER (Cont' d)

(Cont. next page)

∗ 3 : w/ Smart Entry & Start System
∗ 9 : w/ Front Fog Light
∗10 : w/ Rear Fog Light
∗35 : Before Jul. 2010 Production
∗36 : From Jul. 2010 Production

Multiplex Communication System (CAN)

13 14 15 16

A B — B A

D6(A), D7(B), D8(C), D9(D)
Main Body ECU

TAIL HEAD A HU HF FFOG RFOG

23 (B) 17 (A) 21 (B) 13 2 (1N) 13 (B) 28 (A) 9 (A)

SB P G (∗3) LG R O (∗9 −35) BE (∗9 −36) SB (∗10)

18 (A) 20 (A) 19 (A) 11 (A) 17 (A) 4 (A) (LHD ∗35)
13 (B) 11 (B) 12 (B) 20 (B) 14 (B) 7 (B) (RHD ∗35)
18 (C) 20 (C) 19 (C) 11 (C) 17 (C) 4 (C) (LHD ∗36)
13 (D) 11 (D) 12 (D) 20 (D) 14 (D) 7 (D) (RHD ∗36)

2 (A) (LHD ∗35)
2 (C) (LHD ∗36)

ACC IG
22 15

(ACC) 7. 5A ECU–ACC
(IG) 10A ECU IG NO. 1

D12(A), (B), D54(C), (D)
Headlight Dimmer Switch Assembly

		EL	T	H	A	HL	HU	HF	BFG	LFG	B
Light Control Switch	OFF										
	Tail	○	○								
	Head	○	○	○							
	AUTO	○	○	○	○						
Dimmer Switch	Flash	○					○	○			
	Low	○				○					
	High	○					○				
Fog Switch	OFF										
	Front								○	○	
	Rear								○	○	○

12 (A) 19 (B) 12 (C) 19 (D)

3 (A) (LHD ∗35)
8 (B) (RHD ∗35)
3 (C) (LHD ∗36)
8 (D) (RHD ∗36)

W–B (∗36) — W–B (∗35) — 21 — D48 Junction Connector — 18

W–B (∗36) — W–B (∗35) — D45 Junction Connector 10 — 1 — W–B (∗36) — 6 — 1 — D61 Junction Connector — 2

B W — W B
C P — P C

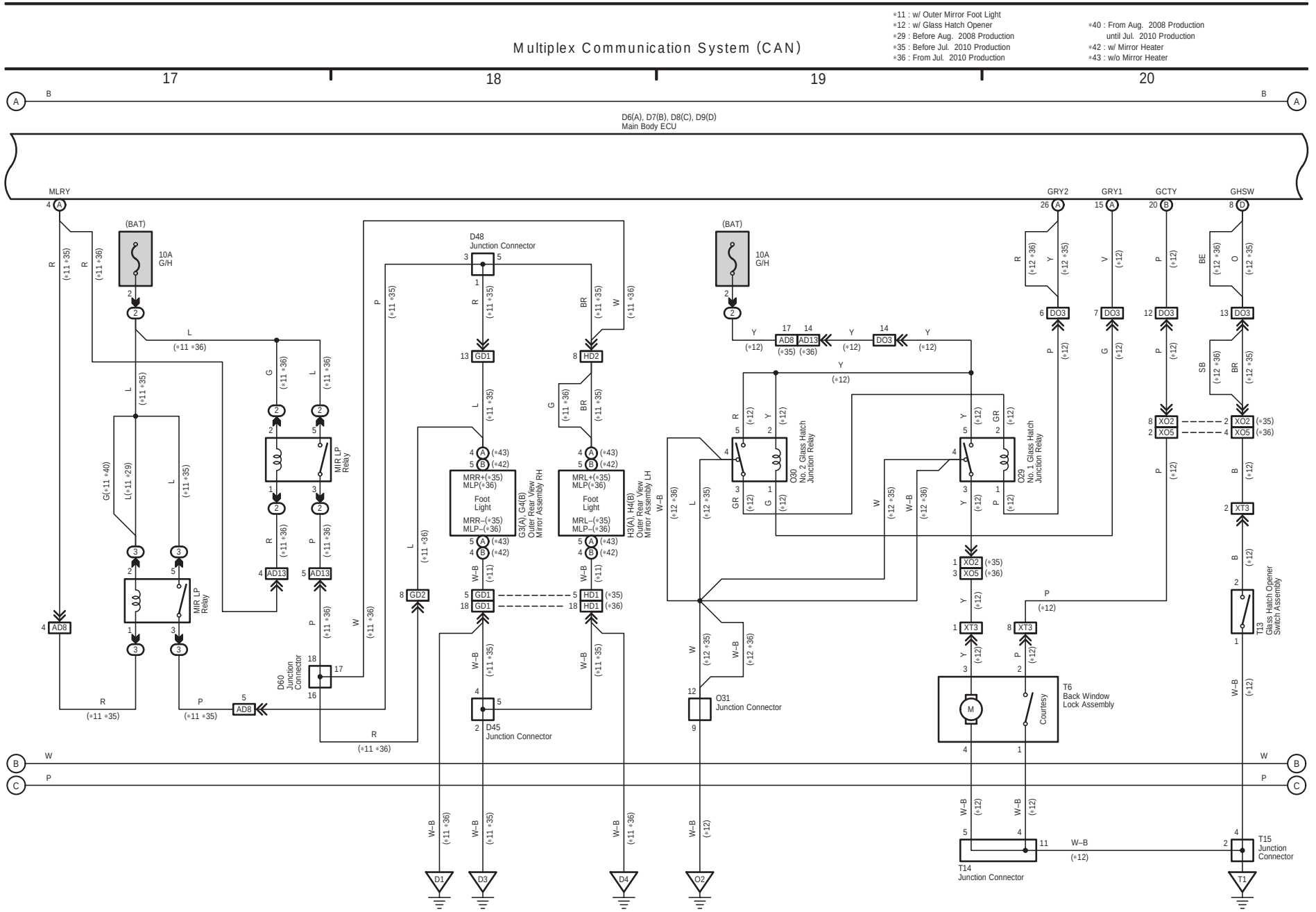
W–B (∗36)

D1 D3

M

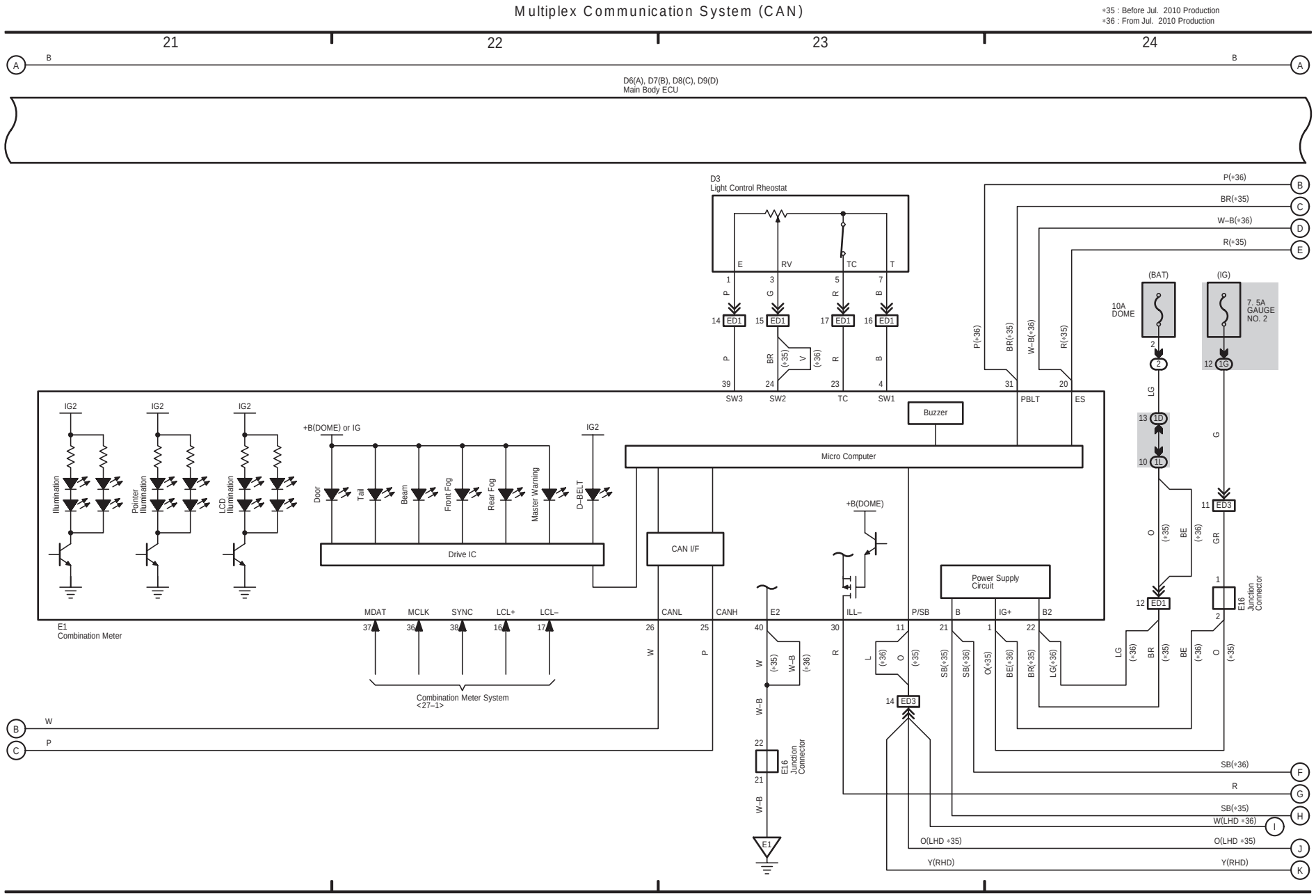
2 HIGHLANDER / KLUGER (Cont' d)

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HIGHLANDER / KLUGER (EM06K5E)

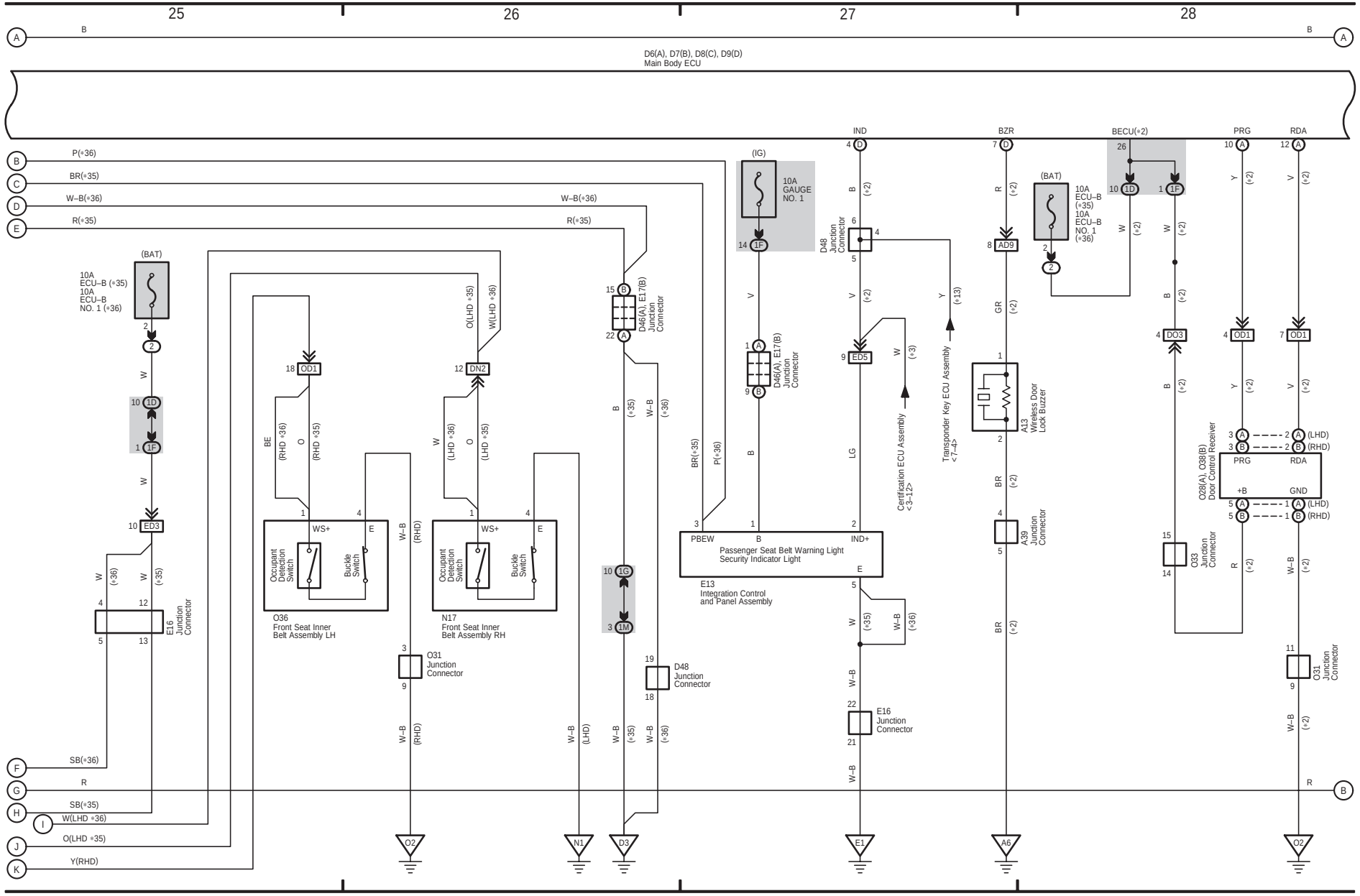
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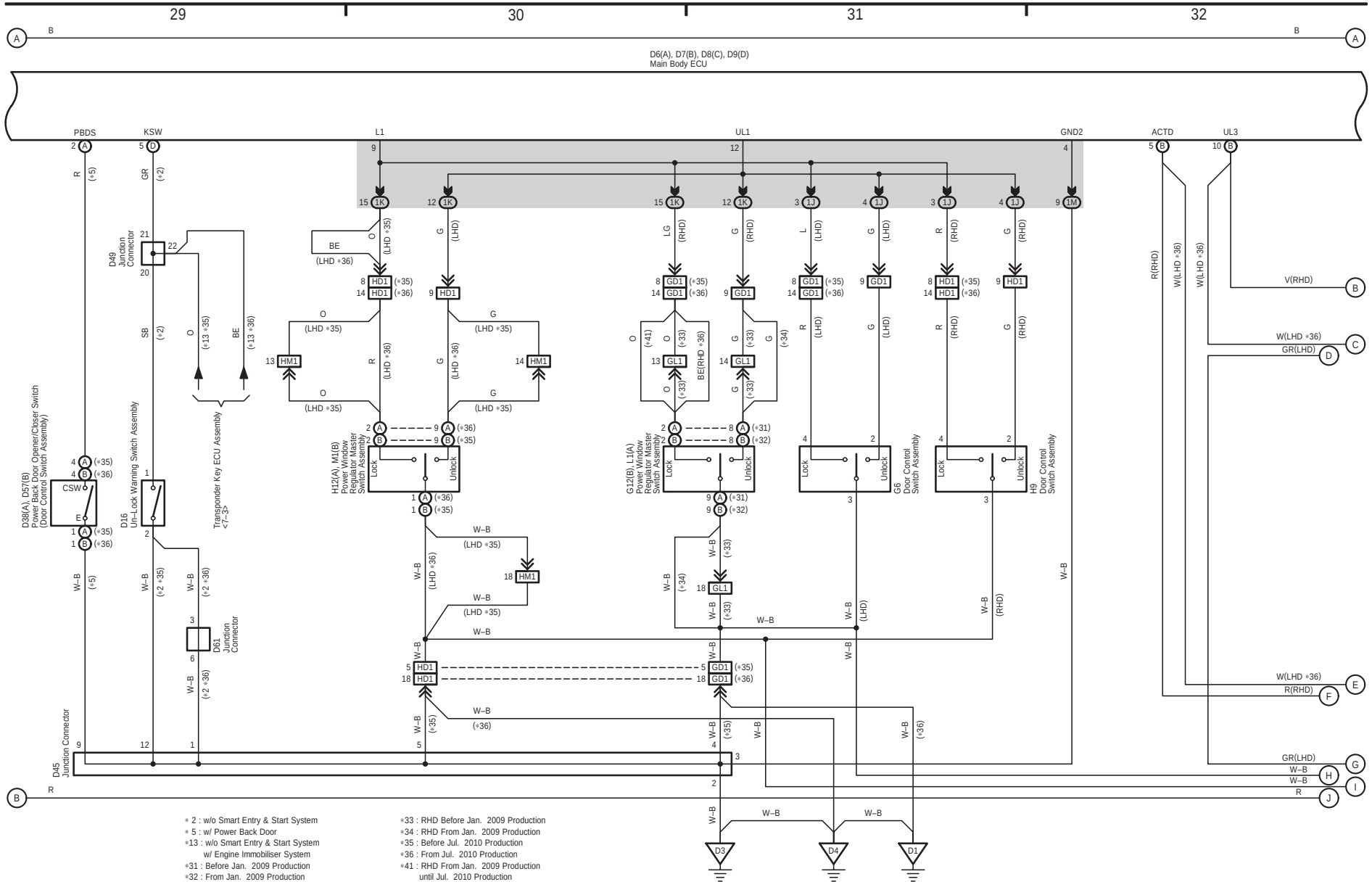
∗ 2 : w/o Smart Entry & Start System
∗ 3 : w/ Smart Entry & Start System
∗13 : w/o Smart Entry & Start System w/ Engine Immobiliser System
∗35 : Before Jul. 2010 Production
∗36 : From Jul. 2010 Production

Multiplex Communication System (CAN)



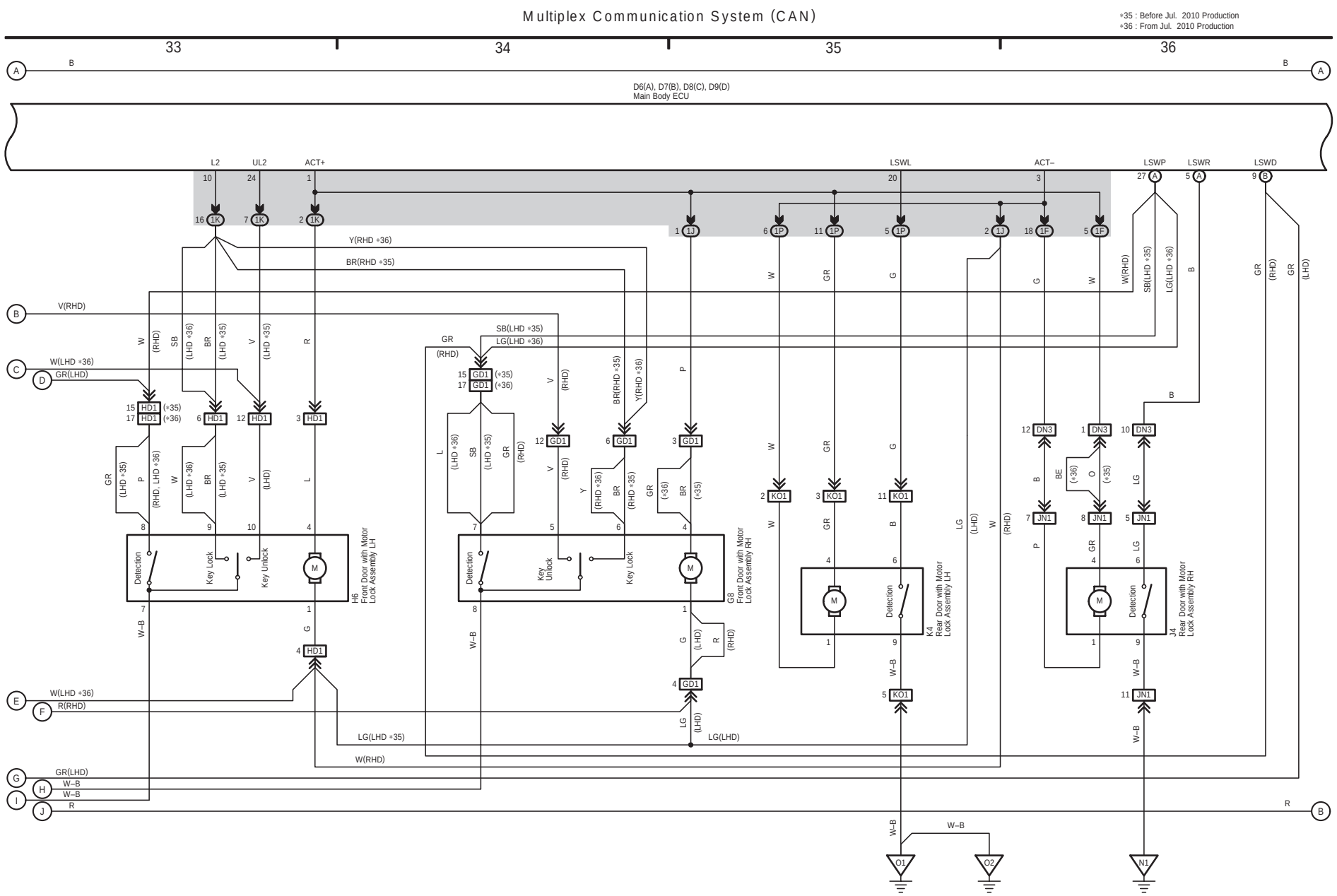
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Multiplex Communication System (CAN)



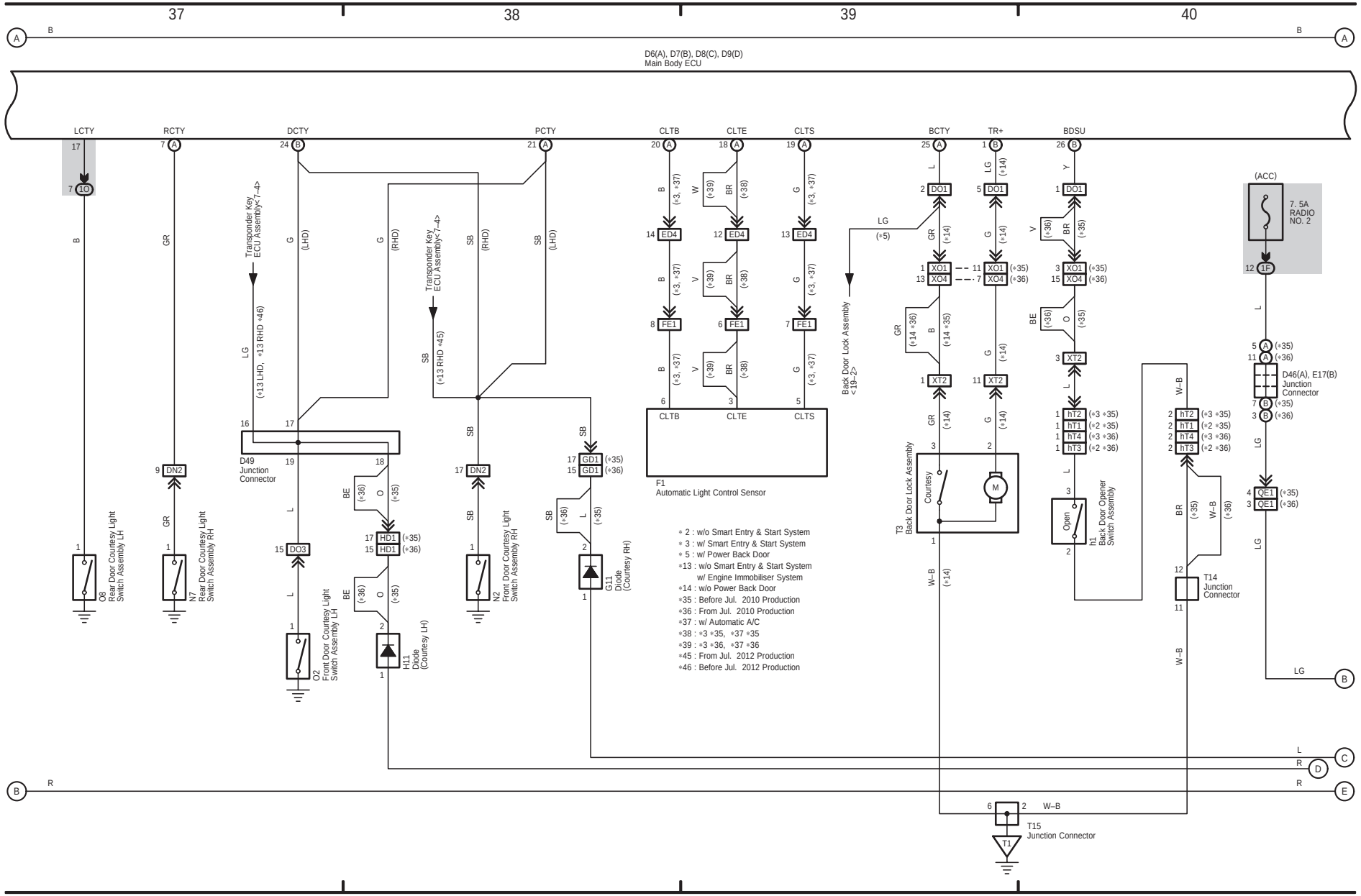
2 HIGHLANDER / KLUGER (Cont' d)

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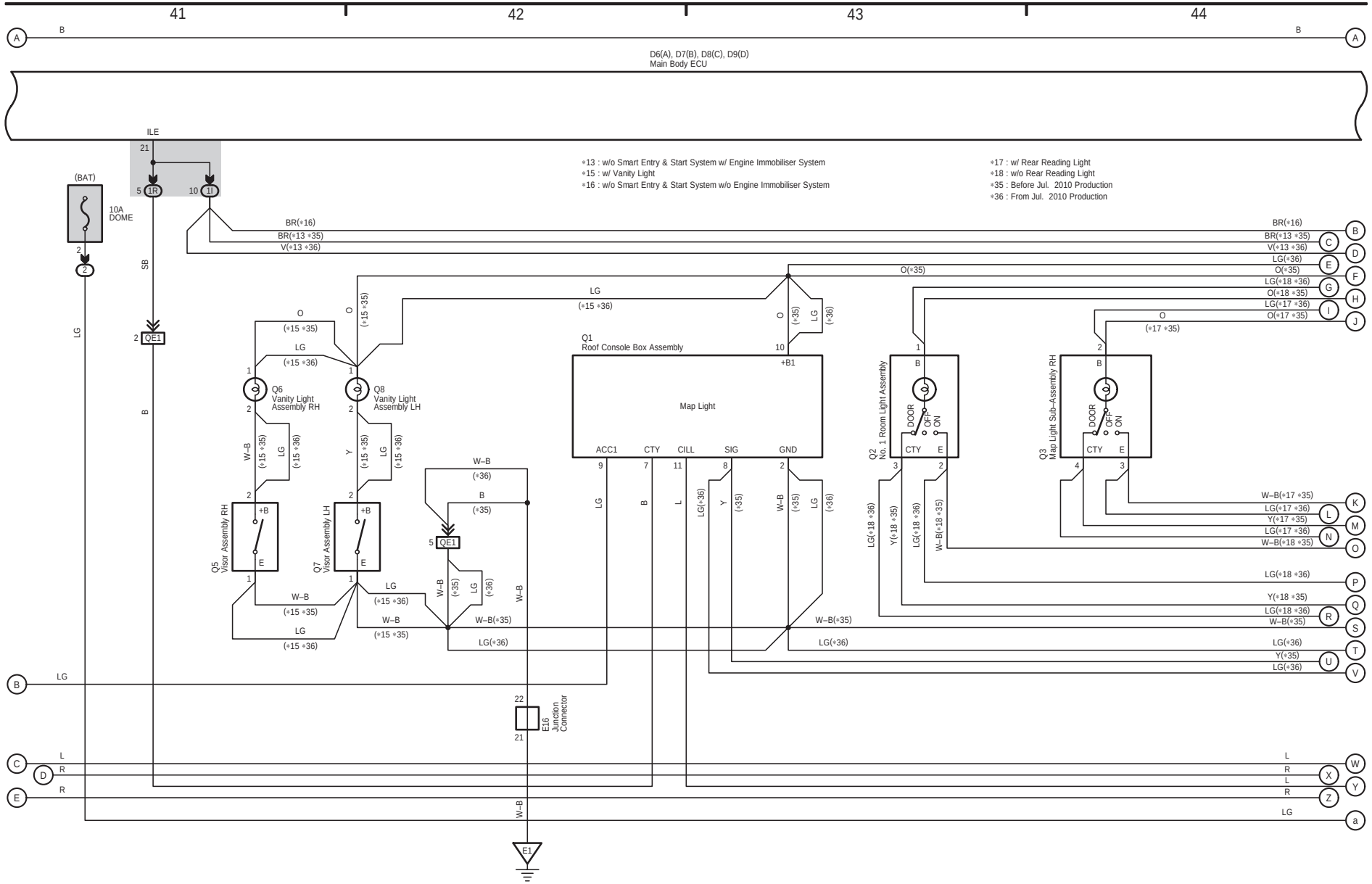
Multiplex Communication System (CAN)



2 HIGHLANDER / KLUGER (Cont' d)

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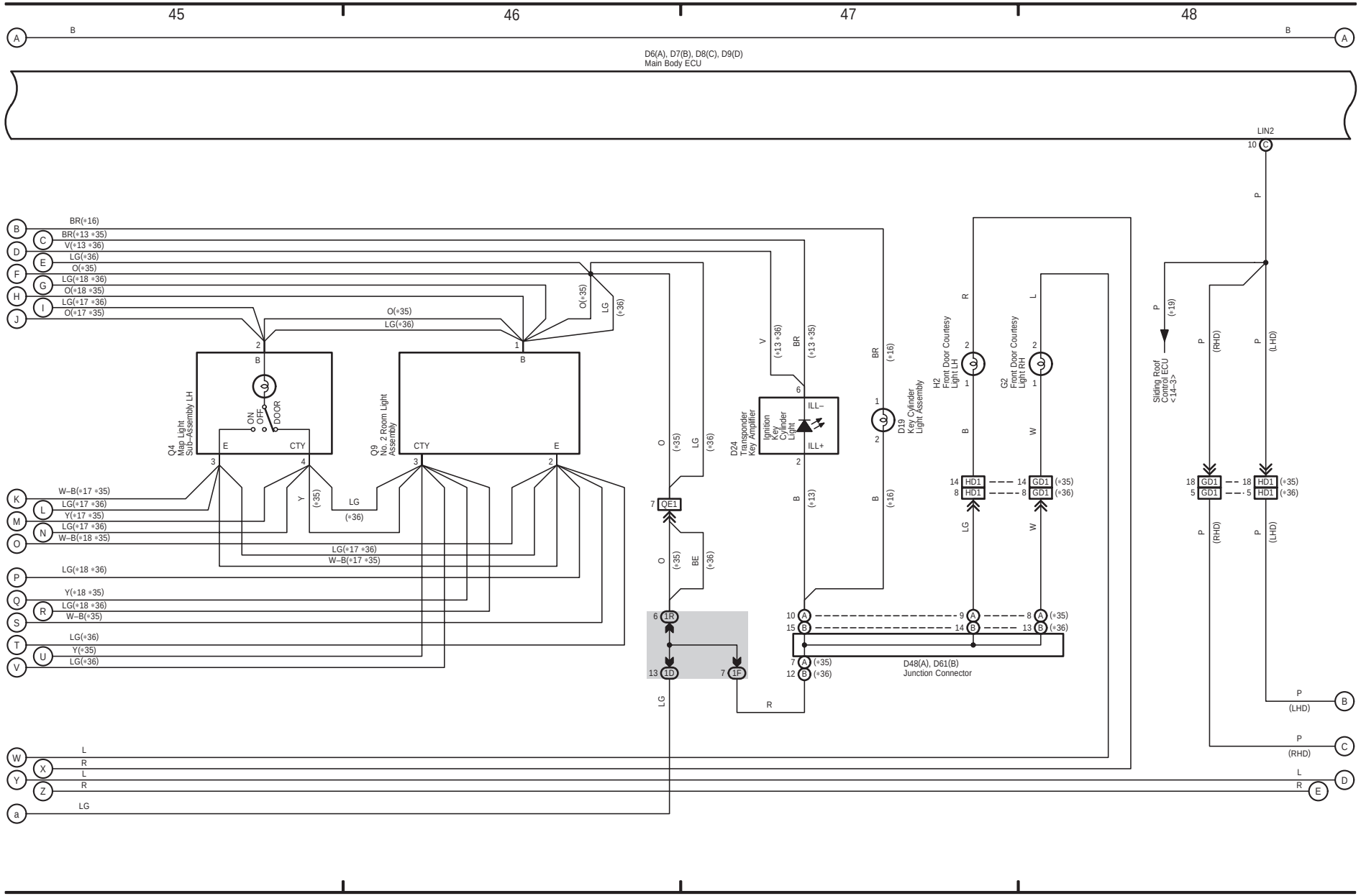
Multiplex Communication System (CAN)



(Cont. next page)

*13 : w/o Smart Entry & Start System w/ Engine Immobiliser System
*16 : w/o Smart Entry & Start System w/o Engine Immobiliser System
*17 : w/ Rear Reading Light
*18 : w/o Rear Reading Light
*19 : w/ Sliding Roof
*35 : Before Jul. 2010 Production
*36 : From Jul. 2010 Production

Multiplex Communication System (CAN)



(Cont. next page)

Multiplex Communication System (CAN)

*35 : Before Jul. 2010 Production
*36 : From Jul. 2010 Production

49 50 51 52

D6(A), D7(B), D8(C), D9(D)
Main Body ECU

H12(A), M1(B)
Power Window Regulator Master Switch Assembly

H1
Front Power Window Regulator Motor Assembly LH

G1
Front Power Window Regulator Motor Assembly RH

G7
Front Power Window Regulator Switch Assembly RH

K2
Rear Power Window Regulator Switch Assembly LH

K3
Rear Door Window Regulator Sub–Assembly LH

J2
Rear Power Window Regulator Switch Assembly RH

J3
Rear Door Window Regulator Sub–Assembly RH

D45
Junction Connector

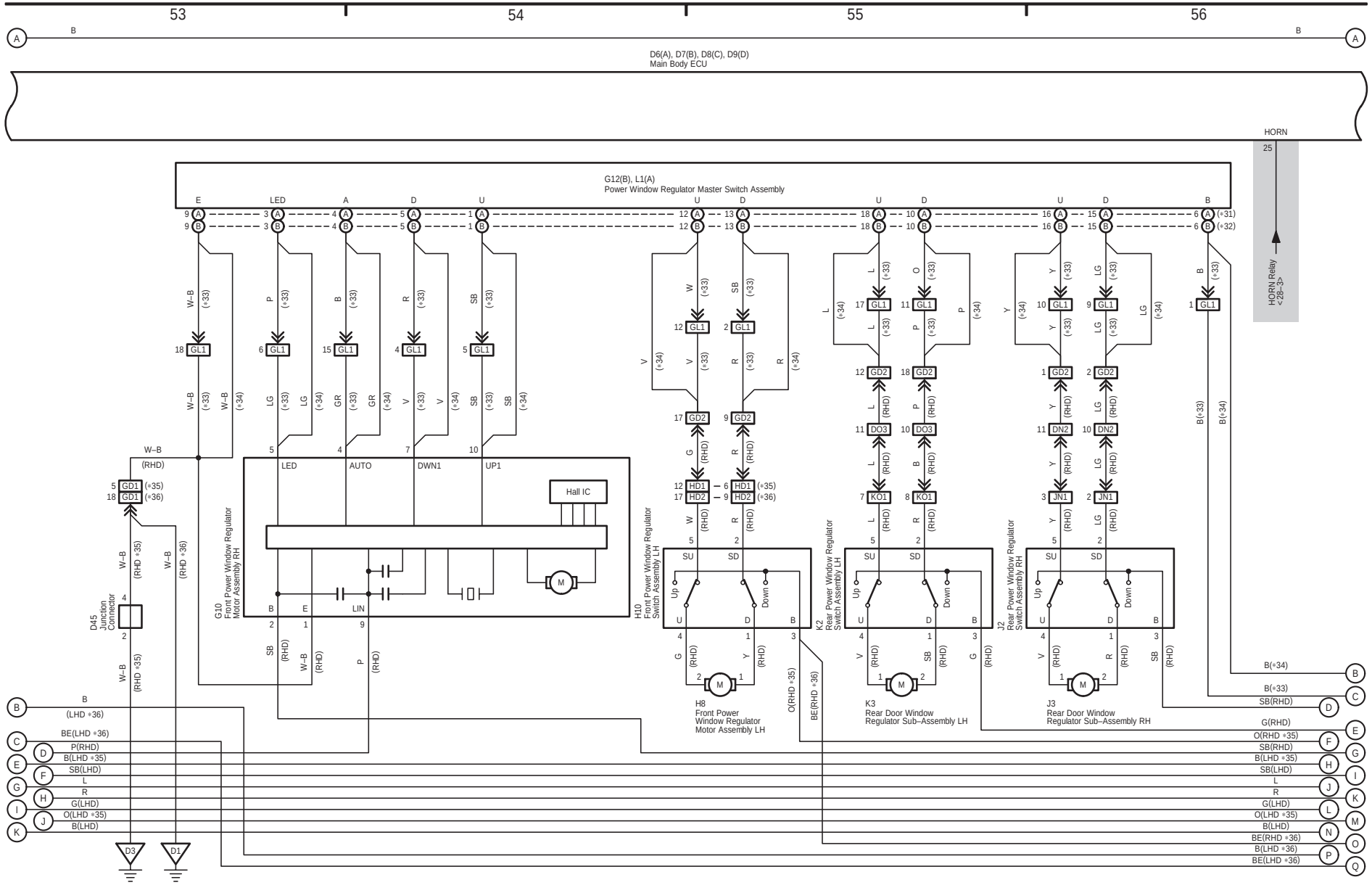
Hall IC

D4 D3

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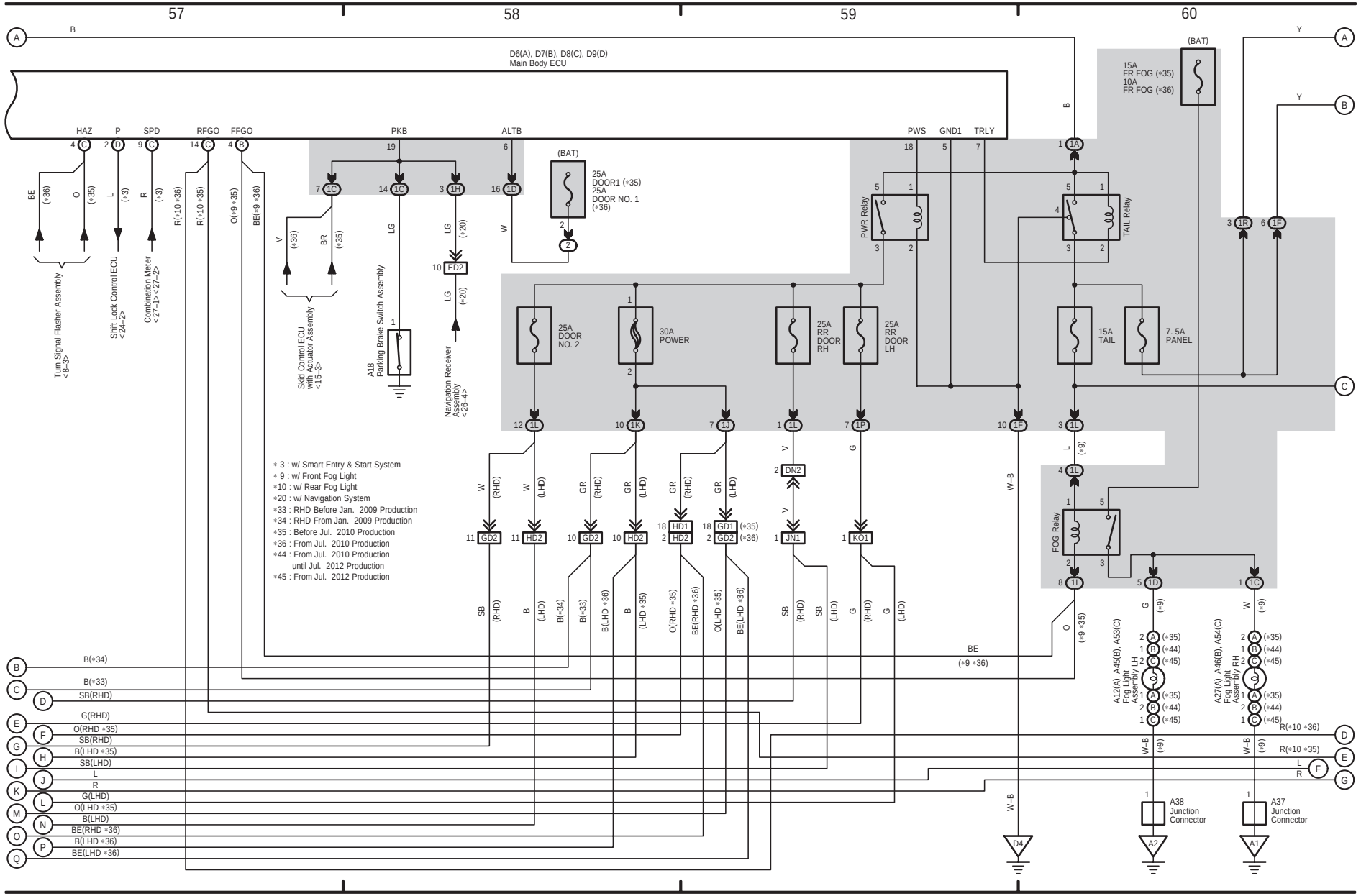
Multiplex Communication System (CAN)

∗31 : Before Jan. 2009 Production
∗32 : From Jan. 2009 Production
∗33 : RHD Before Jan. 2009 Production
∗34 : RHD From Jan. 2009 Production
∗35 : Before Jul. 2010 Production
∗36 : From Jul. 2010 Production



(Cont. next page)

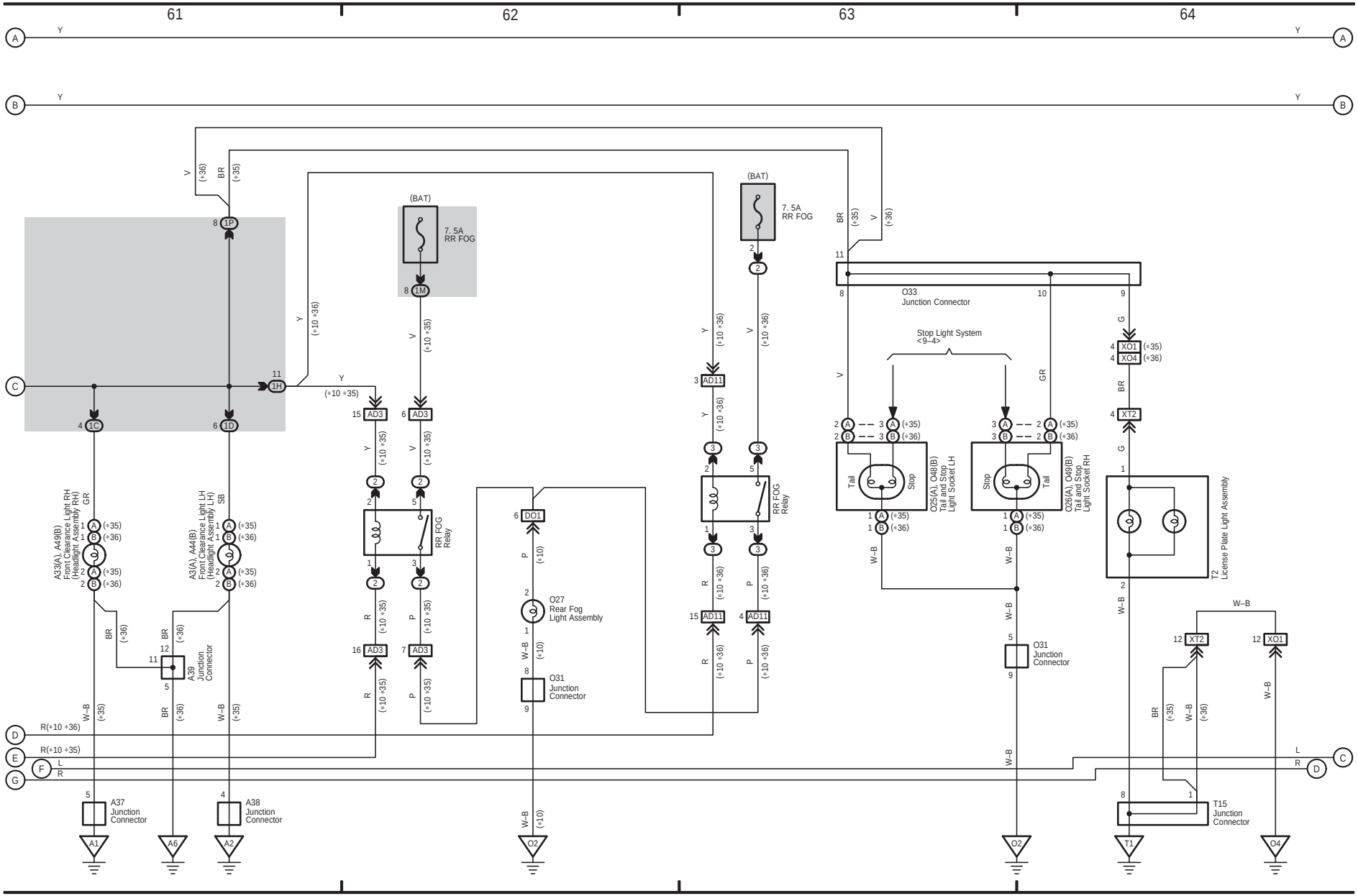
Multiplex Communication System (CAN)



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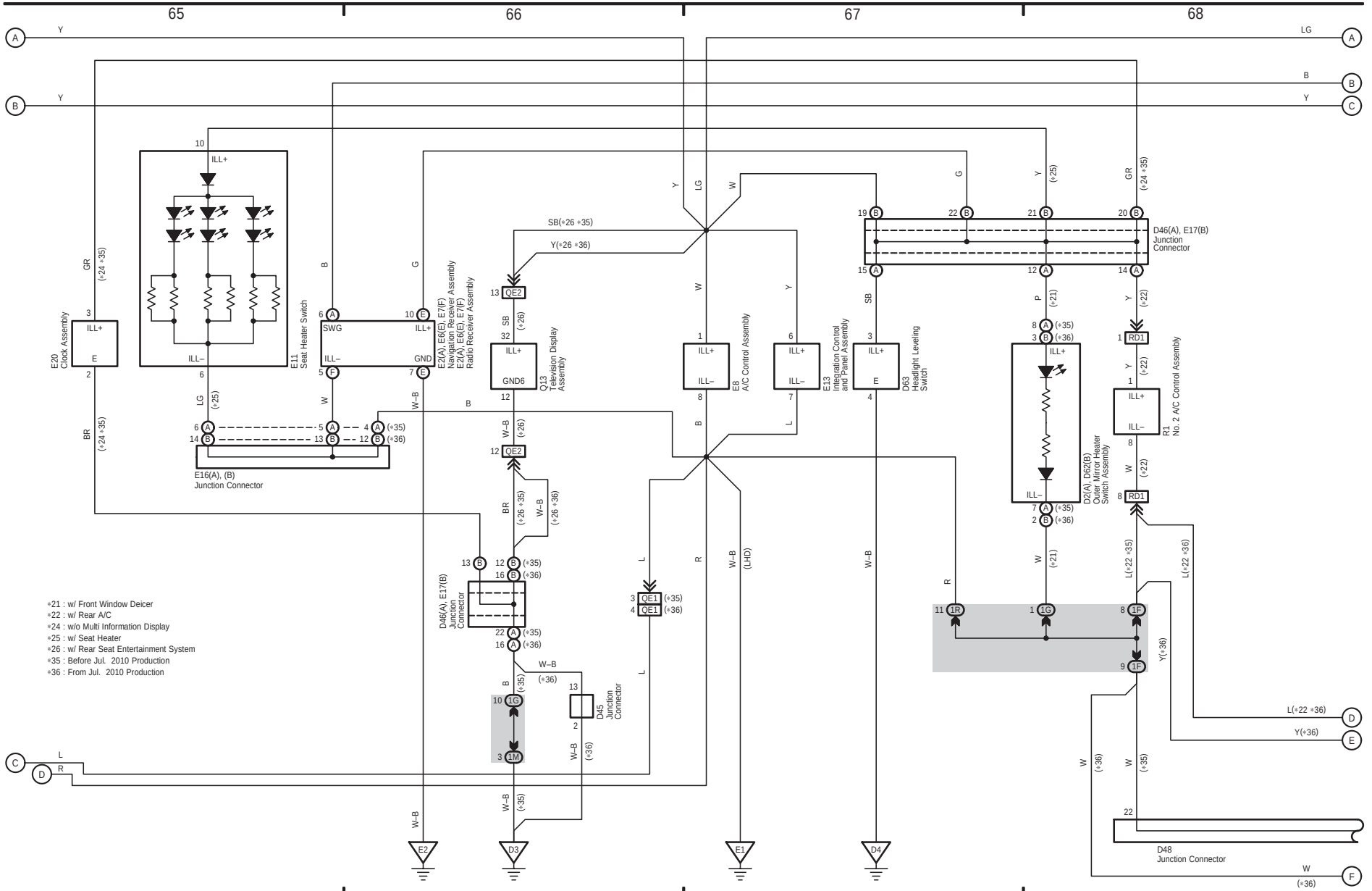
Multiplex Communication System (CAN)

∗10 : w/ Rear Fog Light
∗35 : Before Jul. 2010 Production
∗36 : From Jul. 2010 Production

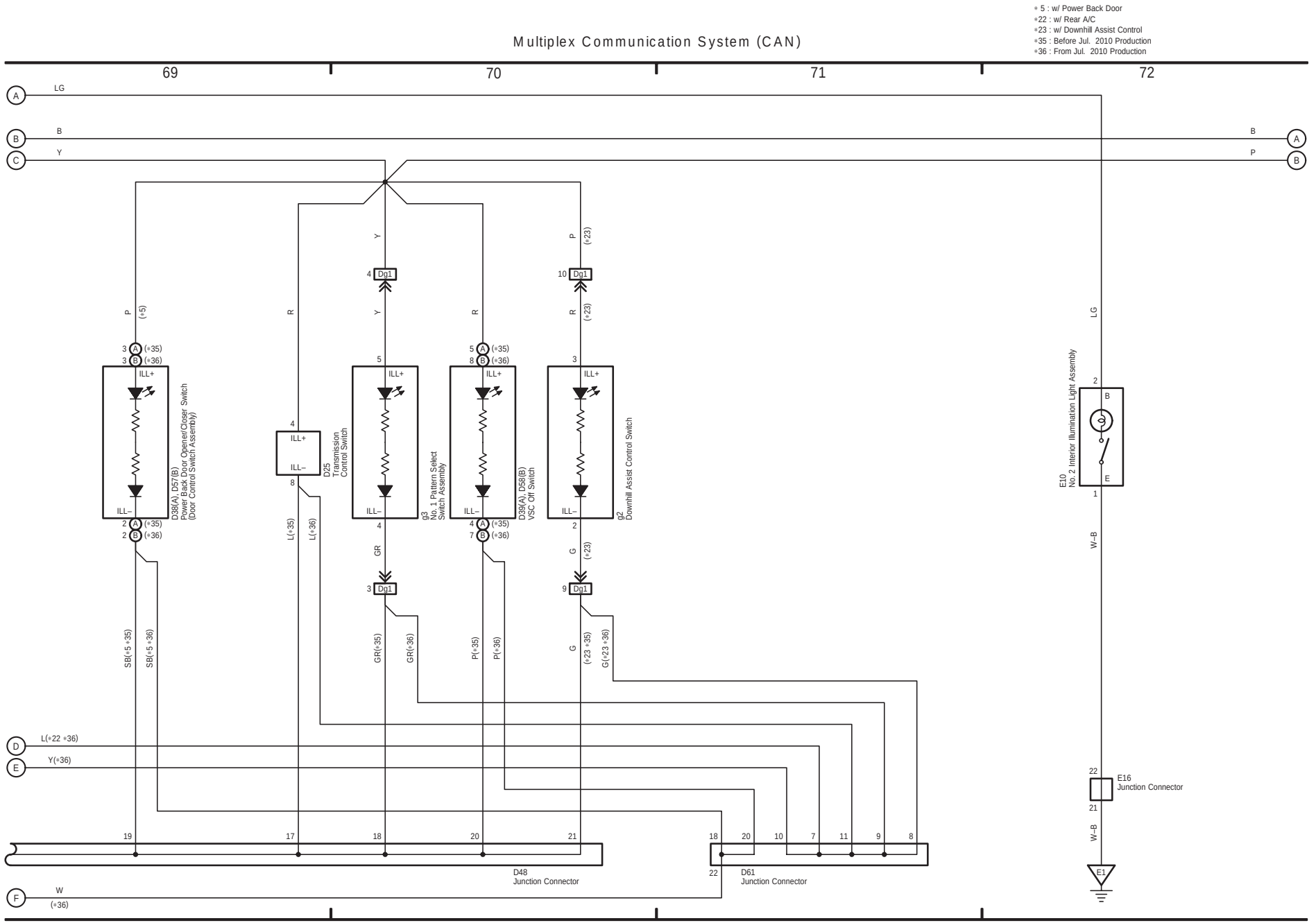


(Cont. next page)

Multiplex Communication System (CAN)



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Multiplex Communication System (CAN)

*27 : w/ Steering A/C Switch
*28 : w/o Steering A/C Switch

73 74 75 76

