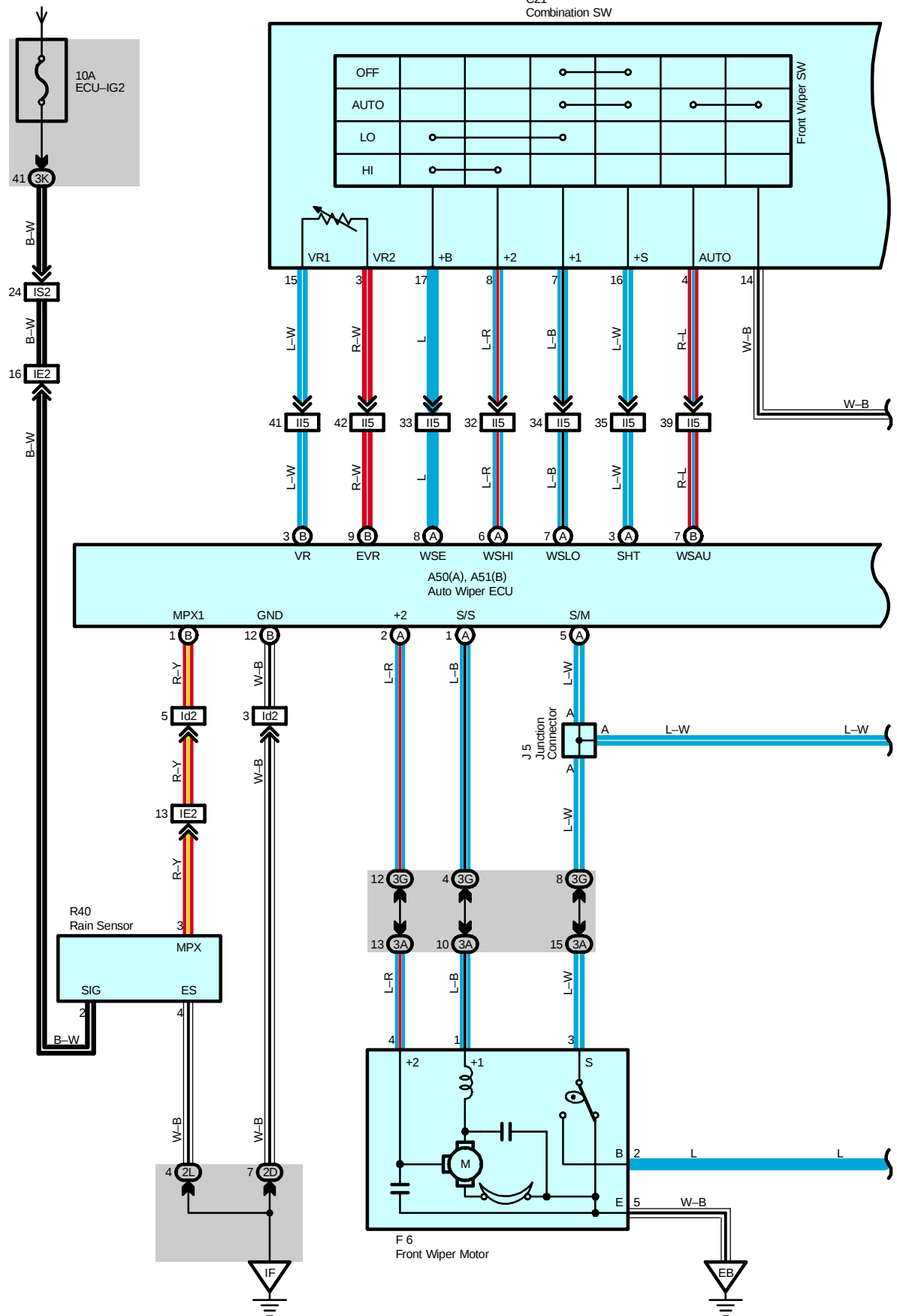
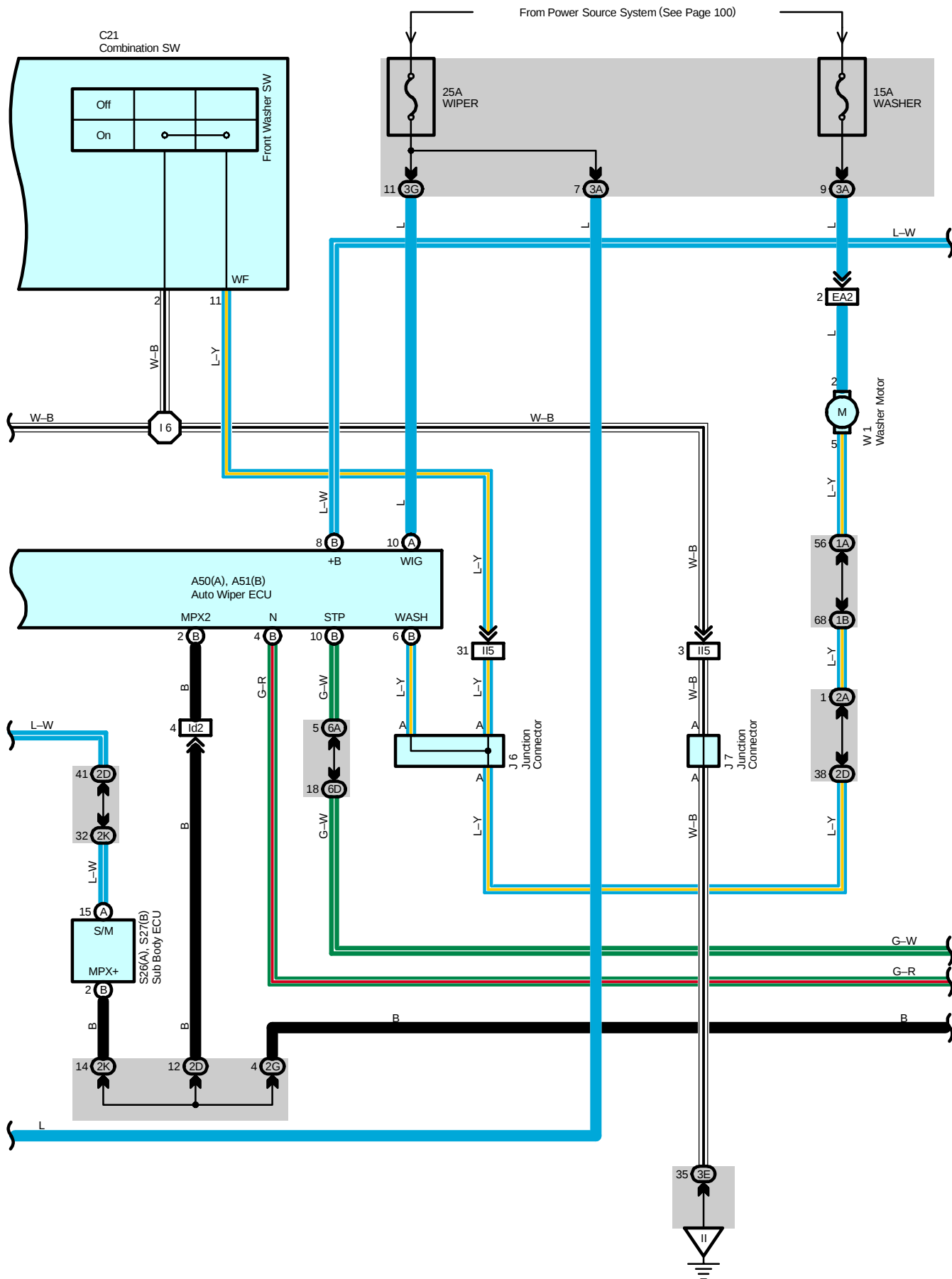


Front Wiper and Washer

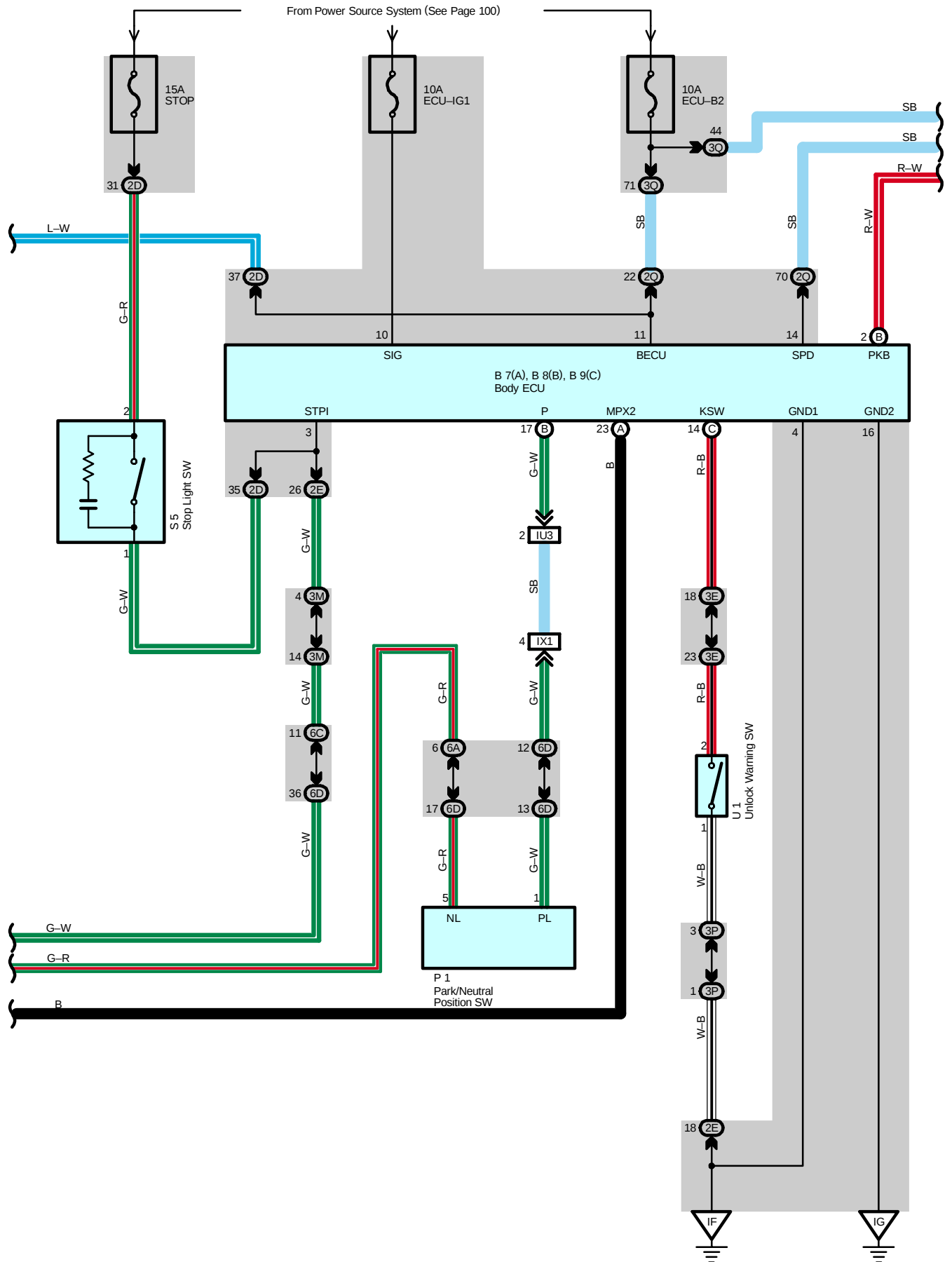
From Power Source System
See Page 100)

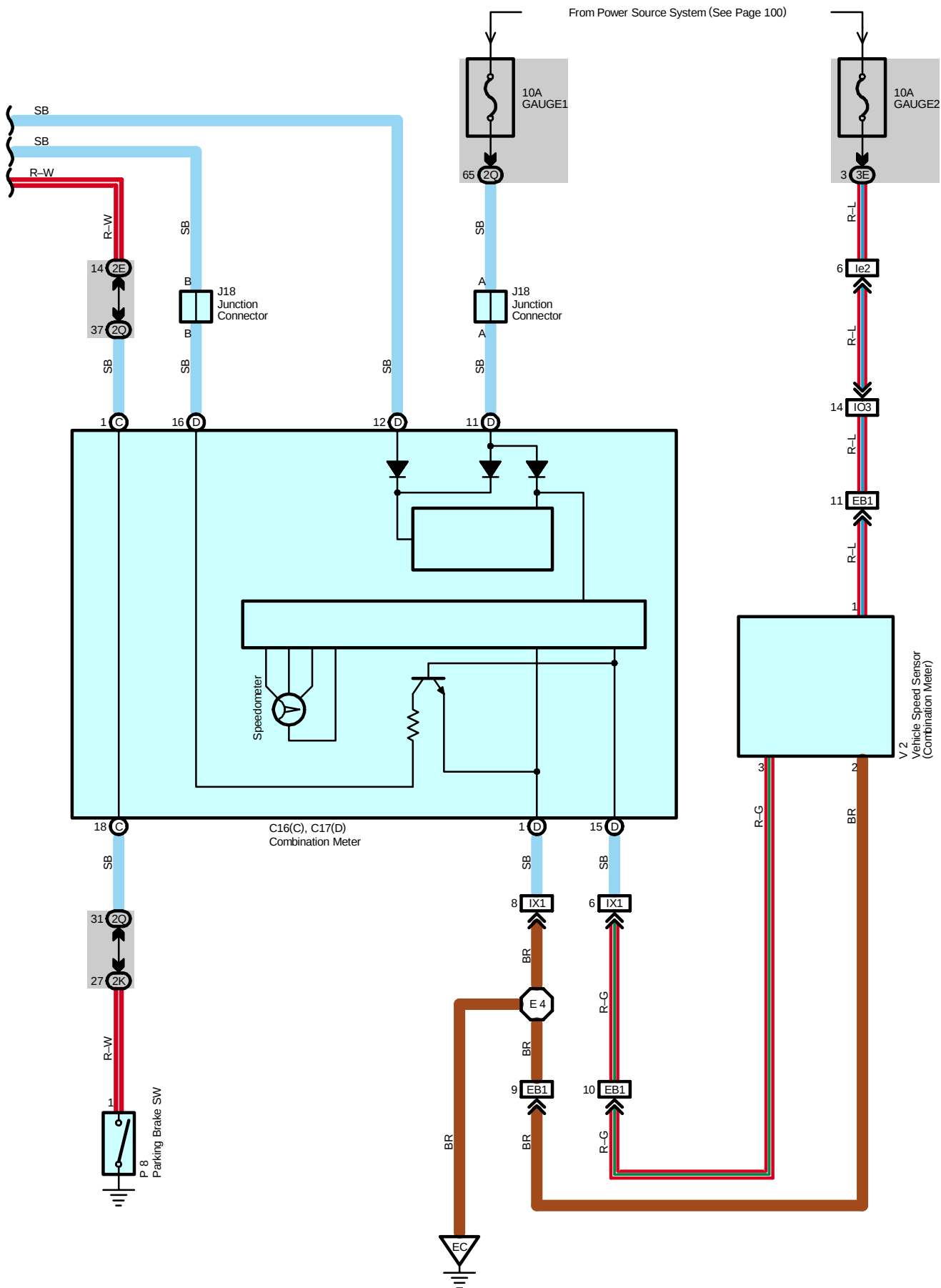


From Power Source System (See Page 100)



Front Wiper and Washer





Front Wiper and Washer

System Outline

Auto Wiper Operation

When the wiper SW is placed to AUTO position, the rain sensor detects the amount of rain of the front windshield, and a signal is output to the wiper controller. The wiper controller automatically controls the intermittent time and operates the wiper, in accordance with the signal.

Service Hints

A50 (A), A51 (B) Auto Wiper ECU

(A)10–Ground : Approx. 12 volts with ignition SW at ON or ST position

(B) 8–Ground : Always approx. 12 volts

(B)12–Ground : Always continuity

F6 Front Wiper Motor

2–Ground : Approx. 12 volts with ignition SW at ON or ST position

5–Ground : Always continuity

○ : Parts Location

Code		See Page	Code	See Page	Code		See Page
A50	A	70	F6	68	S5		73
A51	B	70	J5	72	S26	A	75
B7	A	70	J6	72	S27	B	75
B8	B	70	J7	72	U1		73
B9	C	70	J18	72	V2		69
C16	C	71	P1	69	W1		69
C17	D	71	P8	75			
C21		71	R40	75			

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
1B	24	Engine Room No.2 Wire and Engine Room J/B (Engine Compartment Left)
2A	28	Engine Room No.2 Wire and Cowl Side J/B LH (Left Kick Panel)
2D	28	Dash Wire and Cowl Side J/B LH (Left Kick Panel)
2E		
2G		
2K	28	Floor No.1 Wire and Cowl Side J/B LH (Left Kick Panel)
2L	28	Roof No.1 Wire and Cowl Side J/B LH (Left Kick Panel)
2Q	30	Instrument Panel Integration Wire and Cowl Side J/B LH (Left Kick Panel)
3A	40	Engine Room No.2 Wire and Cowl Side J/B RH (Right Kick Panel)
3E	40	Dash Wire and Cowl Side J/B RH (Right Kick Panel)
3G		
3K	40	Floor No.2 Wire and Cowl Side J/B RH (Right Kick Panel)
3M	43	Dash Wire and Cowl Side J/B RH (Right Kick Panel)
3P		
3Q	42	Instrument Panel Integration Wire and Cowl Side J/B RH (Right Kick Panel)
6A	60	Dash Wire and J/B No.6 (Behind the Grove Box)
6C		
6D	60	Engine Wire and J/B No.6 (Behind the Grove Box)

 : **Connector Joining Wire Harness and Wire Harness**

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA2	78	Engine Room Main Wire and Engine Room No.2 Wire (Engine Compartment Right)
EB1	78	Engine Wire and Transmission Wire (On the Transmission)
IE2	80	Dash Wire and Roof No.1 Wire (Left Kick Panel)
II5	82	Dash Wire and Column Wire (Near the Ignition SW)
IO3	82	Engine Wire and Dash Wire (Behind the Glove Box)
IS2	84	Dash Wire and Floor No.2 Wire (Right Kick Panel)
IU3	84	Instrument Panel Integration Wire and Dash Wire (Behind the Glove Box)
IX1	86	Instrument Panel Integration Wire and Engine Wire (Behind the Glove Box)
Id2	86	Dash Wire and Dash Wire (Behind the Combination Meter)
Ie2		

 : **Ground Points**

Code	See Page	Ground Points Location
EB	78	Front Right Side of Fender Apron
EC	78	Rear Bank of Right Cylinder Head
IF	80	Set Bolt of Cowl Side J/B LH
IG		
II	80	Set Bolt of Cowl Side J/B RH

 : **Splice Points**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E4	78	Engine Wire	I6	82	Column Wire