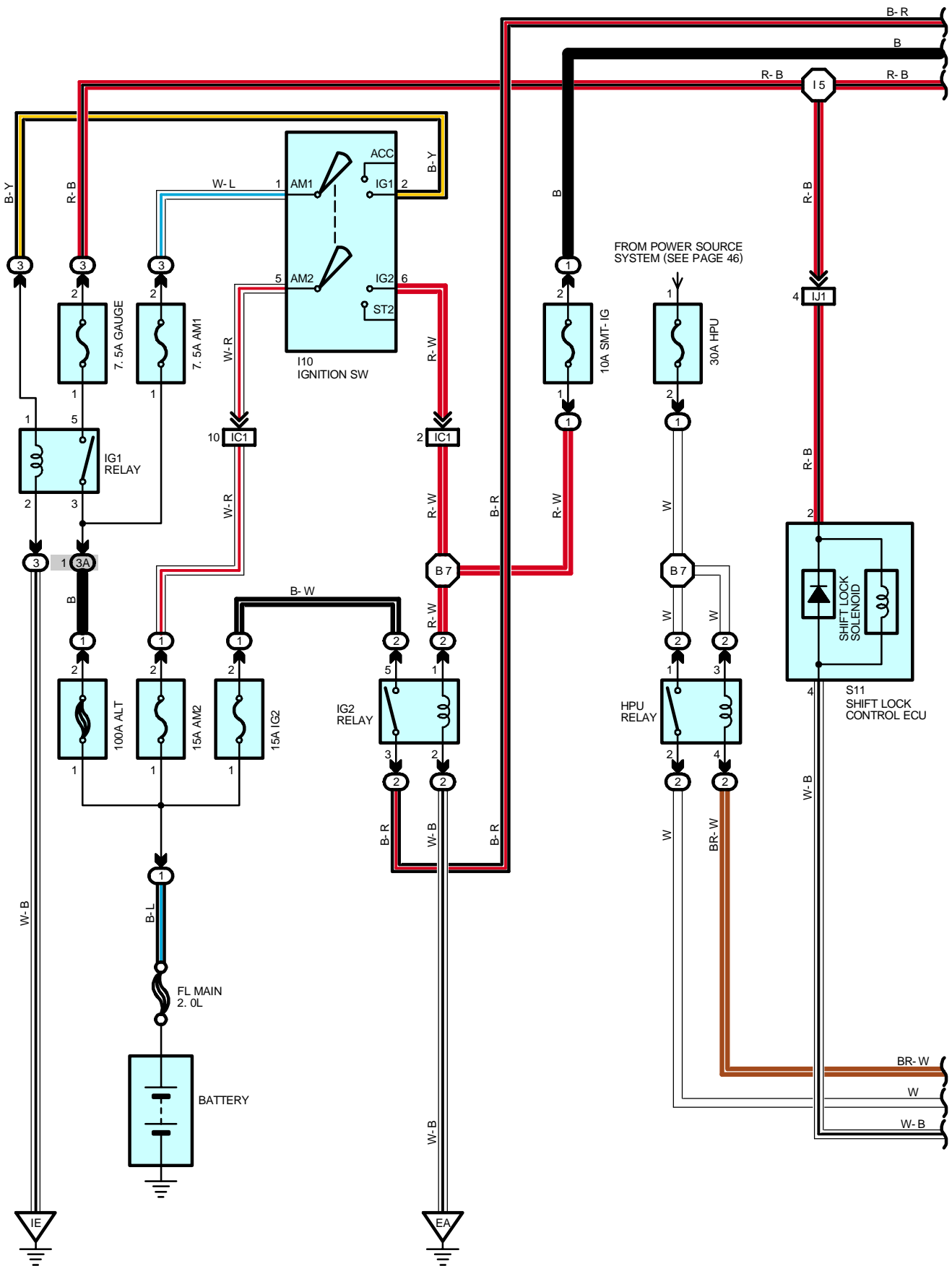
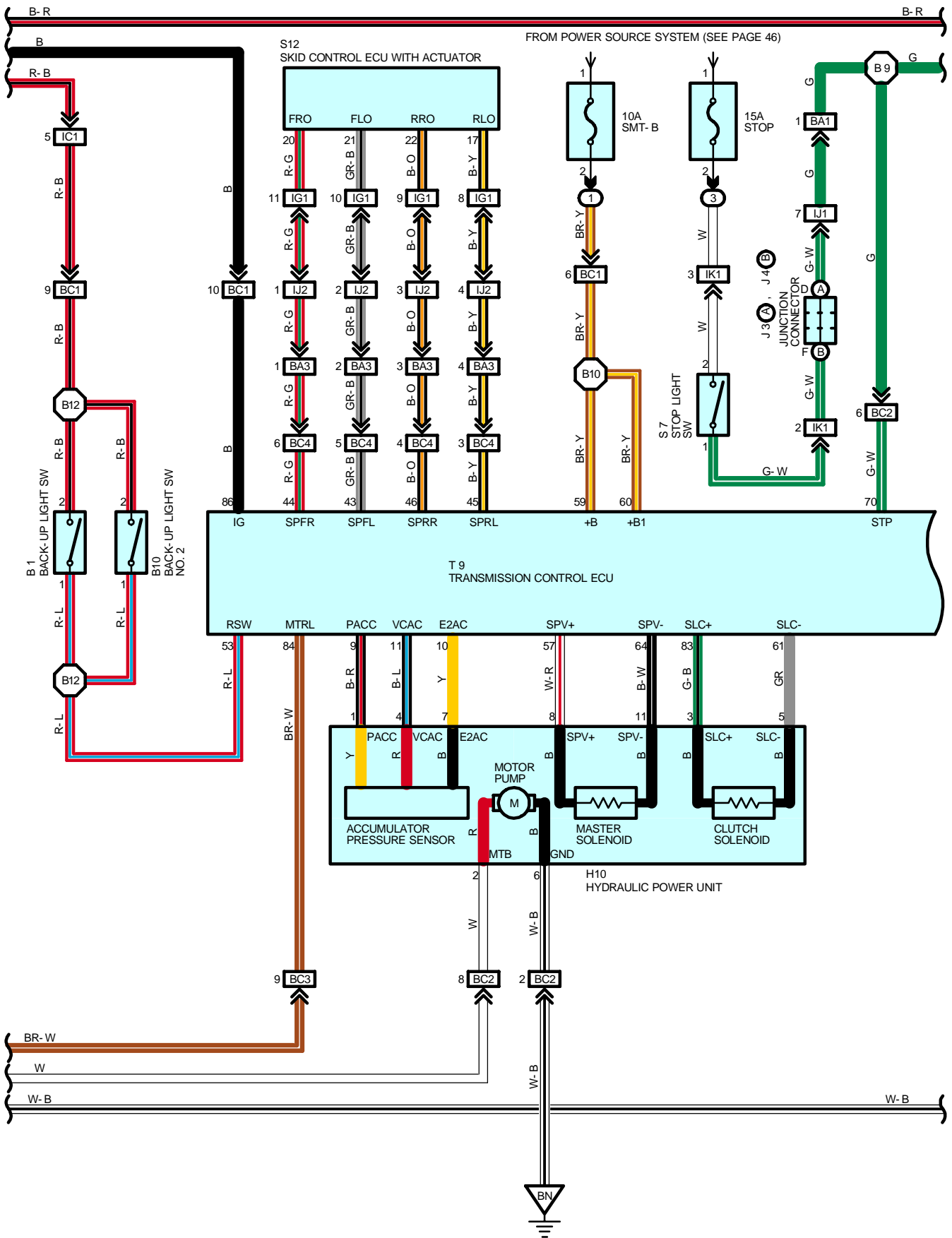
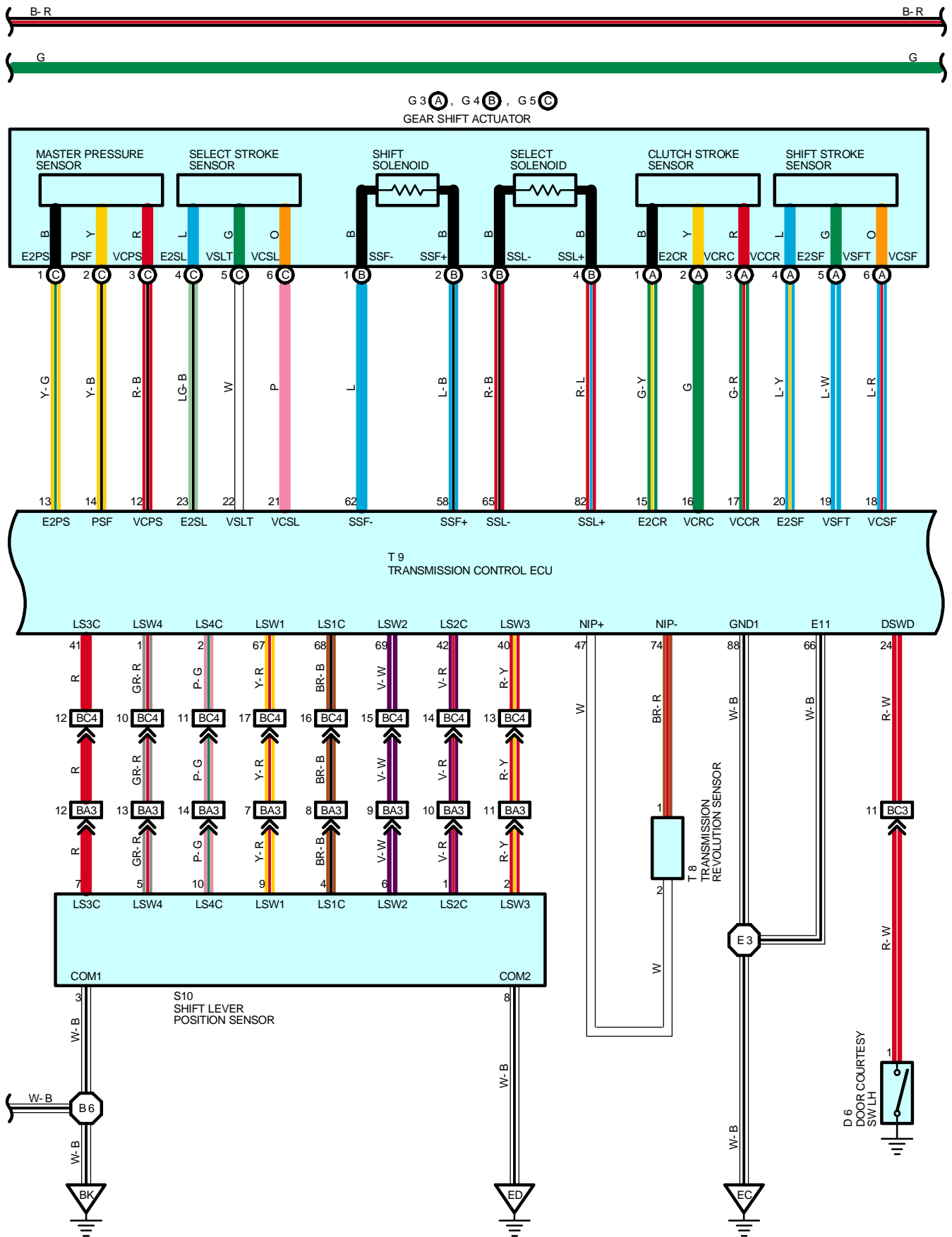


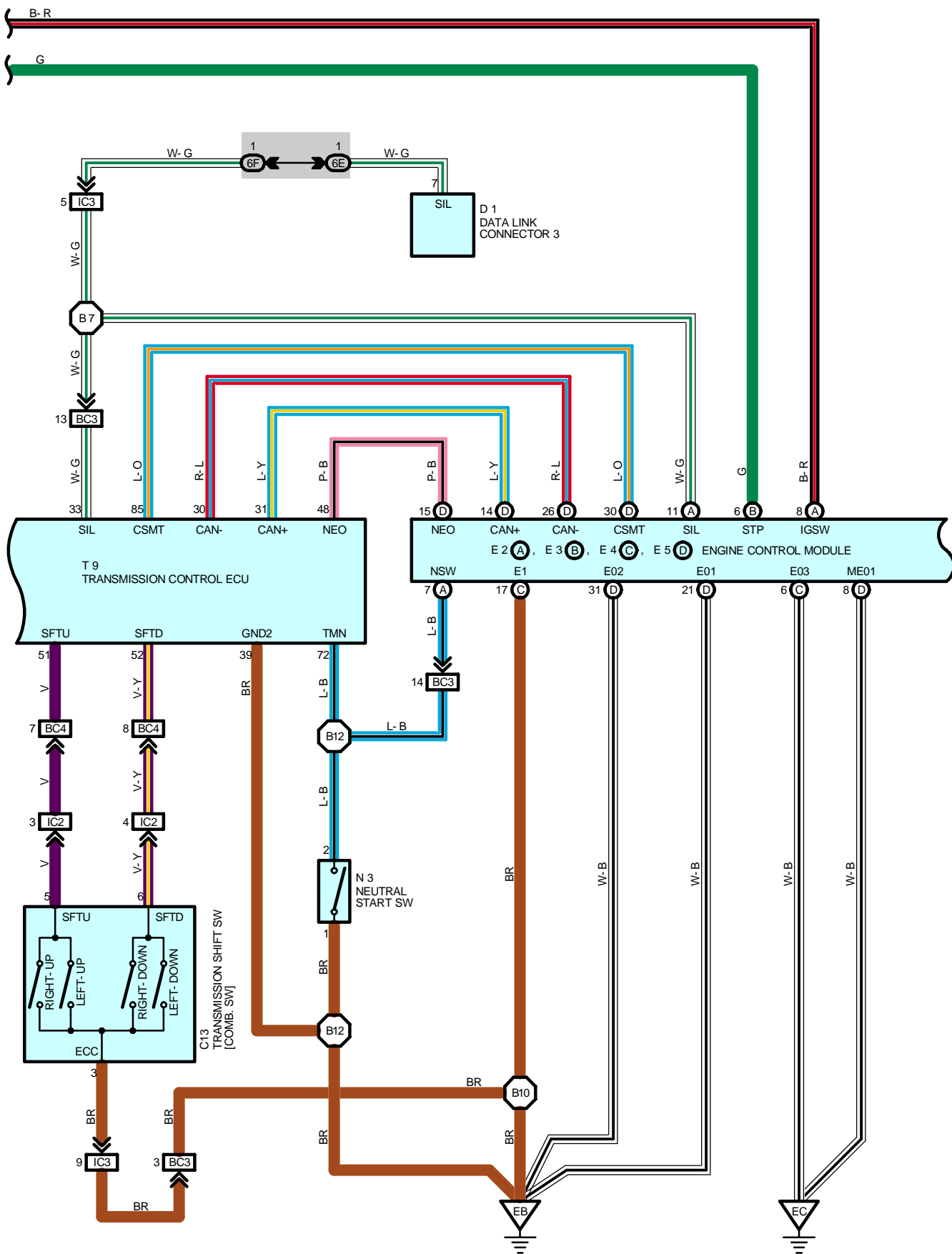
SEQUENTIAL MANUAL TRANSMISSION





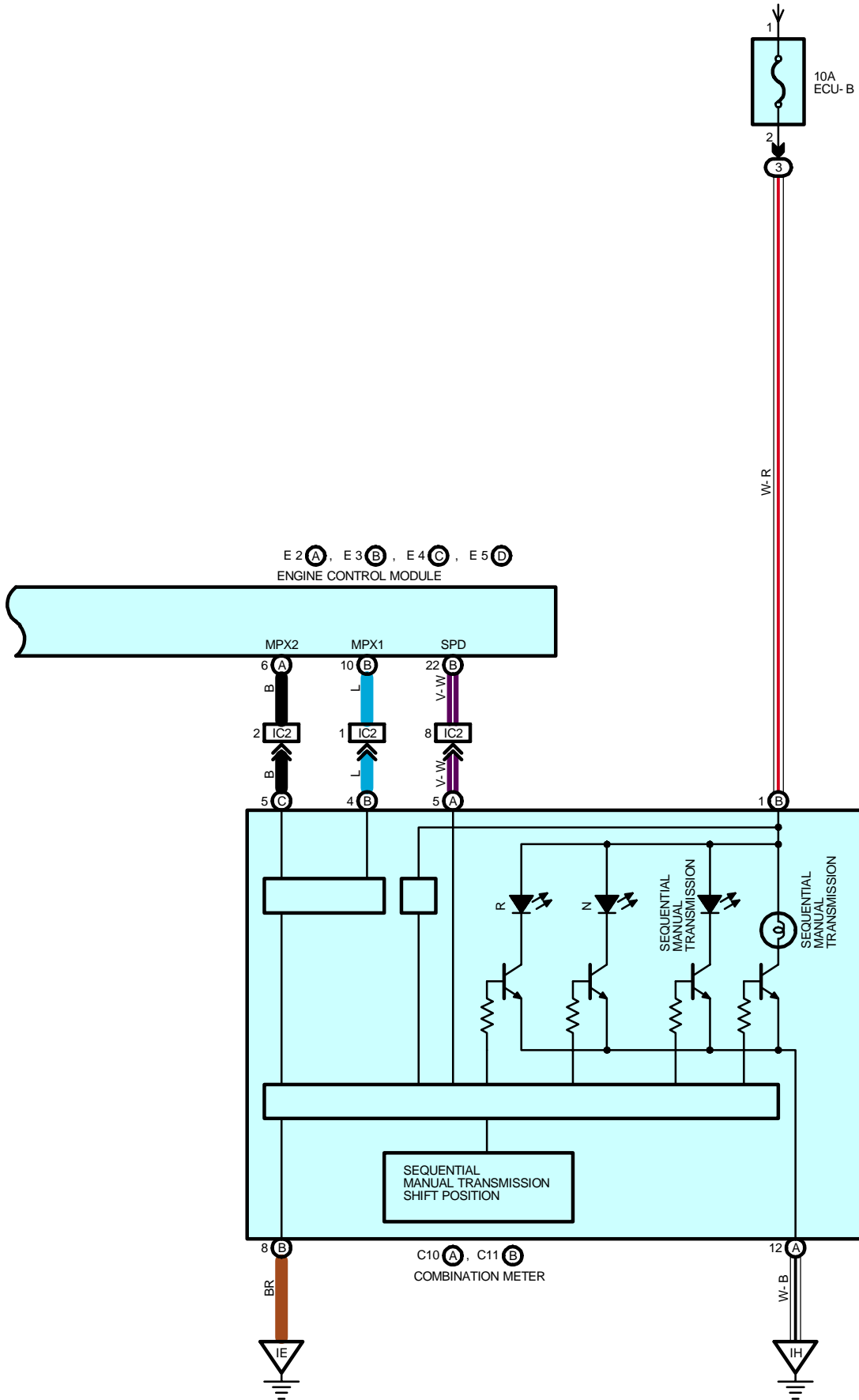
SEQUENTIAL MANUAL TRANSMISSION





SEQUENTIAL MANUAL TRANSMISSION

FROM POWER SOURCE SYSTEM (SEE PAGE 46)



SYSTEM OUTLINE

1. SYSTEM START

When the driver's door is opened, the transmission control ECU is activated, and the motor pump operates to accumulate pressure. The system enters stand-by mode when the accumulated pressure reaches the specified level.

In case the system is not started within a certain period of time, the transmission control ECU is turned off automatically.

2. ENGINE START

The shift lever lock will be released when the ignition SW is turned to "ON" position.

It is possible to start the engine only when the brake pedal is depressed and the shift lever is in N position.

3. START CONTROL

When the accelerator pedal is depressed while the gear position indicator shows 1st gear, 2nd gear or reverse, the clutch is engaged to start the vehicle off.

In this case, the clutch stroke is controlled to realize the appropriate engine rpm according to the accelerator pedal opening angle.

4. SHIFT CONTROL

The shift is controlled according to the signals from the shift lever position sensor (Position SW) or the transmission shift SW (Steering SW). In case shifting up with the accelerator pedal depressed, the electronic throttle is closed to prevent sudden increase in engine revolution.

In case shifting down with the accelerator pedal released, the electronic throttle is opened to adjust the engine rpm.

5. STOP OPERATION

To stop smoothly without engine stall, when the transmission input rpm decreases to the specified level, the clutch is disengaged automatically.

In case the shift lever is in S position, the gear is automatically shifted to 2nd gear, then 1st gear when the vehicle speed drops to the specified level, therefore, it is not necessary to operate the shift lever when starting off again.

6. PARKING OPERATION

Before stopping the engine, apply the parking brake, and place the shift lever in S or R position. Confirm the gear position by the indicator, and turn the ignition SW to OFF.

When the ignition SW is turned to OFF, the shift lever will be locked at that position. The clutch will be engaged within 1 second later, and the vehicle will be parked with the gear in.

Within 5 seconds from ignition OFF, the gear position can be checked by the indicator.

SERVICE HINTS

T9 TRANSMISSION CONTROL ECU

86-GROUND : Approx. 12 volts with the ignition SW at ON position

59, 60-GROUND : Always approx. 12 volts

39, 66, 88-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
B1	30	E4	C 34	N3	31
B10	30	E5	D 34	S7	33
C10	A 32	G3	A 30	S10	33
C11	B 32	G4	B 30	S11	33
C13	32	G5	C 30	S12	35
D1	32	H10	30	T8	31
D6	34	I10	33	T9	35
E2	A 34	J3	A 33		
E3	B 34	J4	B 33		

○ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Fusible Link Block (Engine Compartment Left)
2	23	Engine Room R/B (Left Side of Room Partition Panel)
3	24	R/B No.3 (Left Side of Instrument Panel)

SEQUENTIAL MANUAL TRANSMISSION

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
3A	24	Engine Room Main Wire and J/B No.3 (Left Side of Instrument Panel)
6E	26	Instrument Panel Wire and J/B No.6 (Instrument Panel Brace LH)
6F		

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	38	Engine Room Main Wire and Instrument Panel Wire (Left Kick Panel)
IC2		
IC3		
IG1	40	Luggage Room Wire and Instrument Panel Wire (Under the Instrument Panel Center)
IJ1	40	Floor Wire and Instrument Panel Wire (Right Kick Panel)
IJ2		
IK1	40	Instrument Panel Wire and Switch Wire (Instrument Panel Brace LH)
BA1	42	Engine Room Main Wire and Floor Wire (Right Side of Room Partition Panel)
BA3		
BC1	42	Engine Wire and Engine Room Main Wire (Quarter Panel LH)
BC2		
BC3		
BC4		

: GROUND POINTS

Code	See Page	Ground Points Location
EA	36	Suspension Tower Rear LH
EB		
EC	36	Engine Block LH
ED	36	Suspension Tower Rear RH
IE	38	Left Kick Panel
IH	38	Right Kick Panel
BK	42	Under the Center Pillar RH
BN	42	Under the Center Pillar LH

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E3	36	Engine Wire	B9	42	Engine Room Main Wire
I5	40	Instrument Panel Wire	B10		
B6	42	Floor Wire	B12	42	Engine Wire
B7	42	Engine Room Main Wire			

