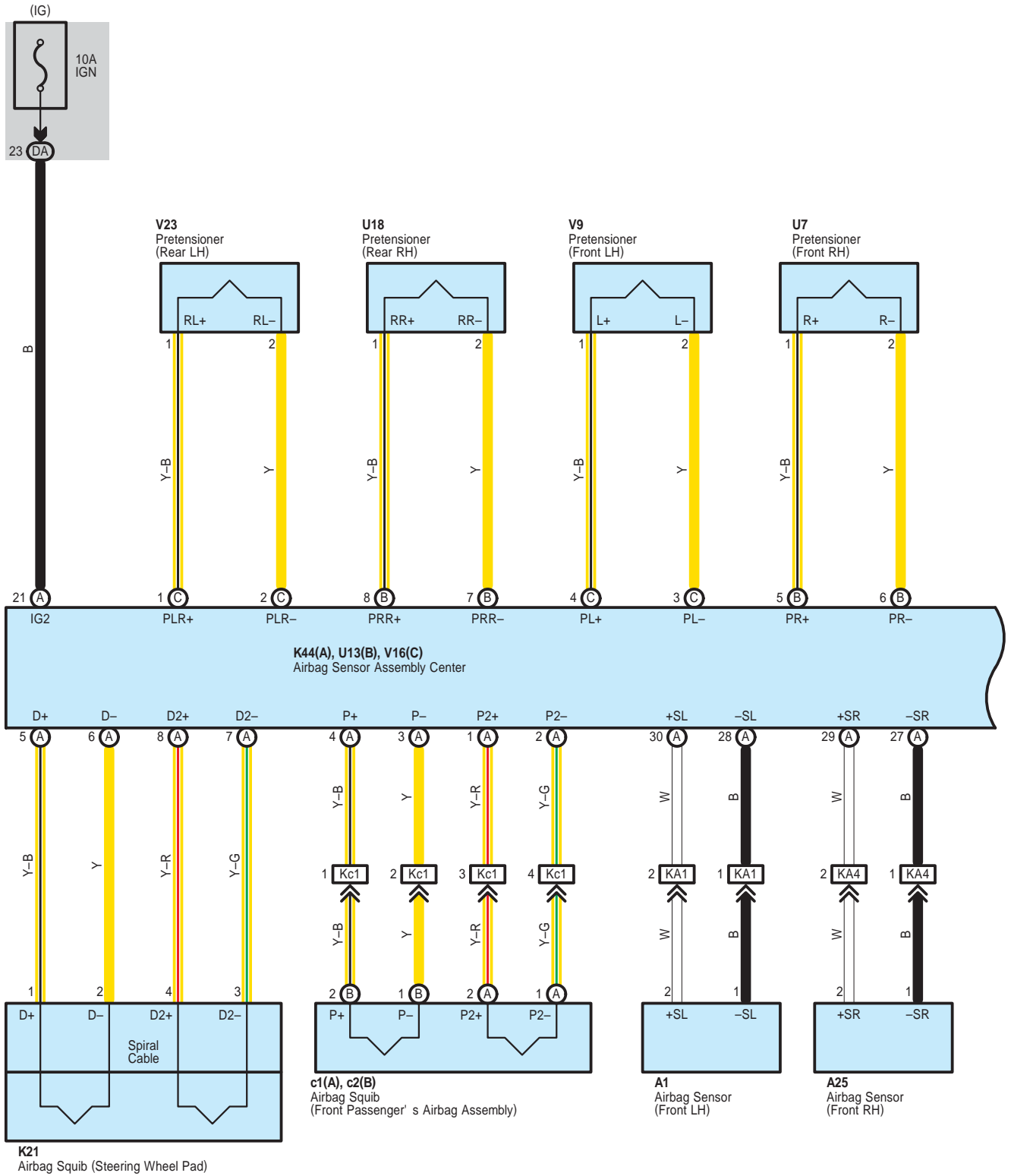
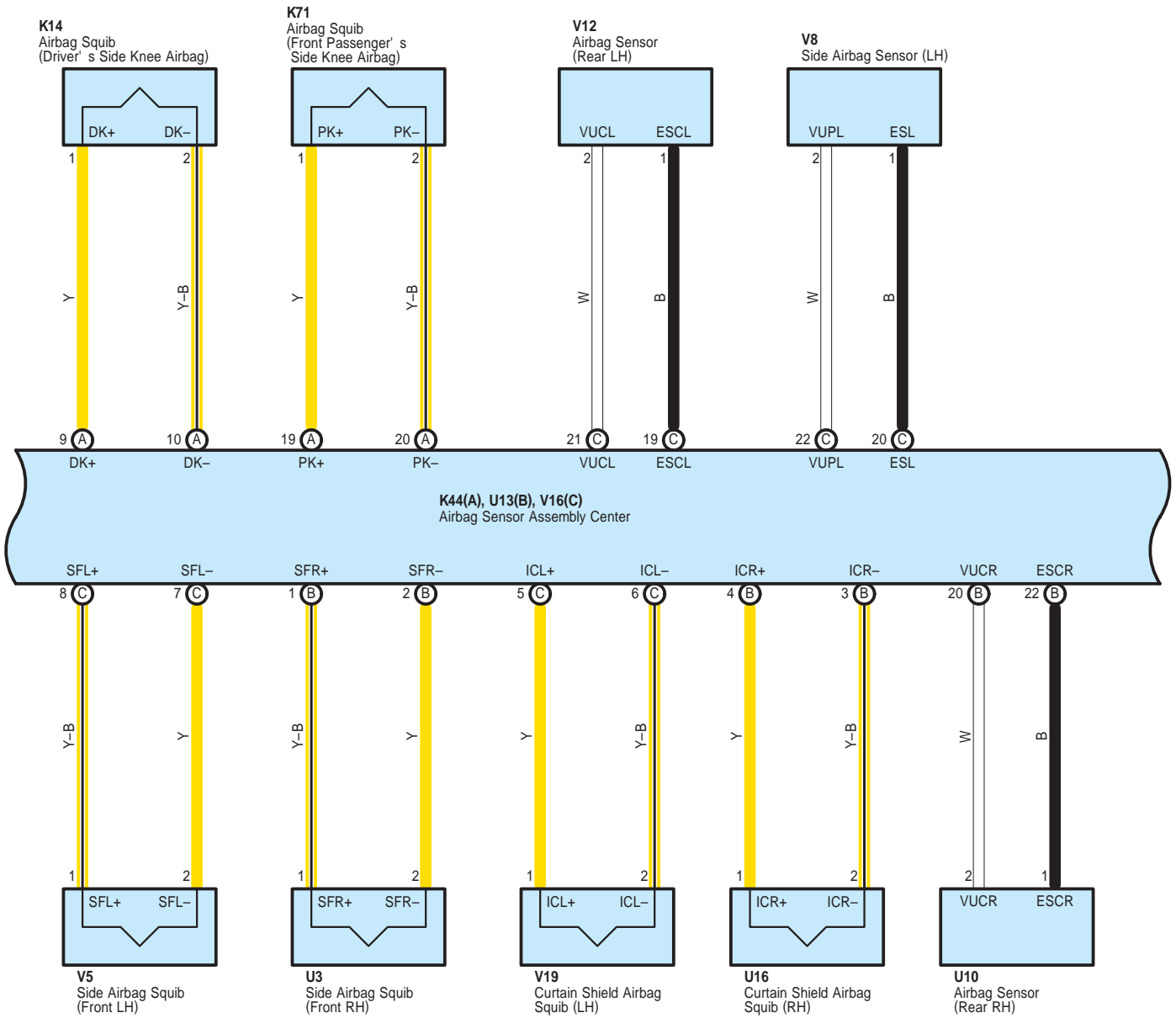


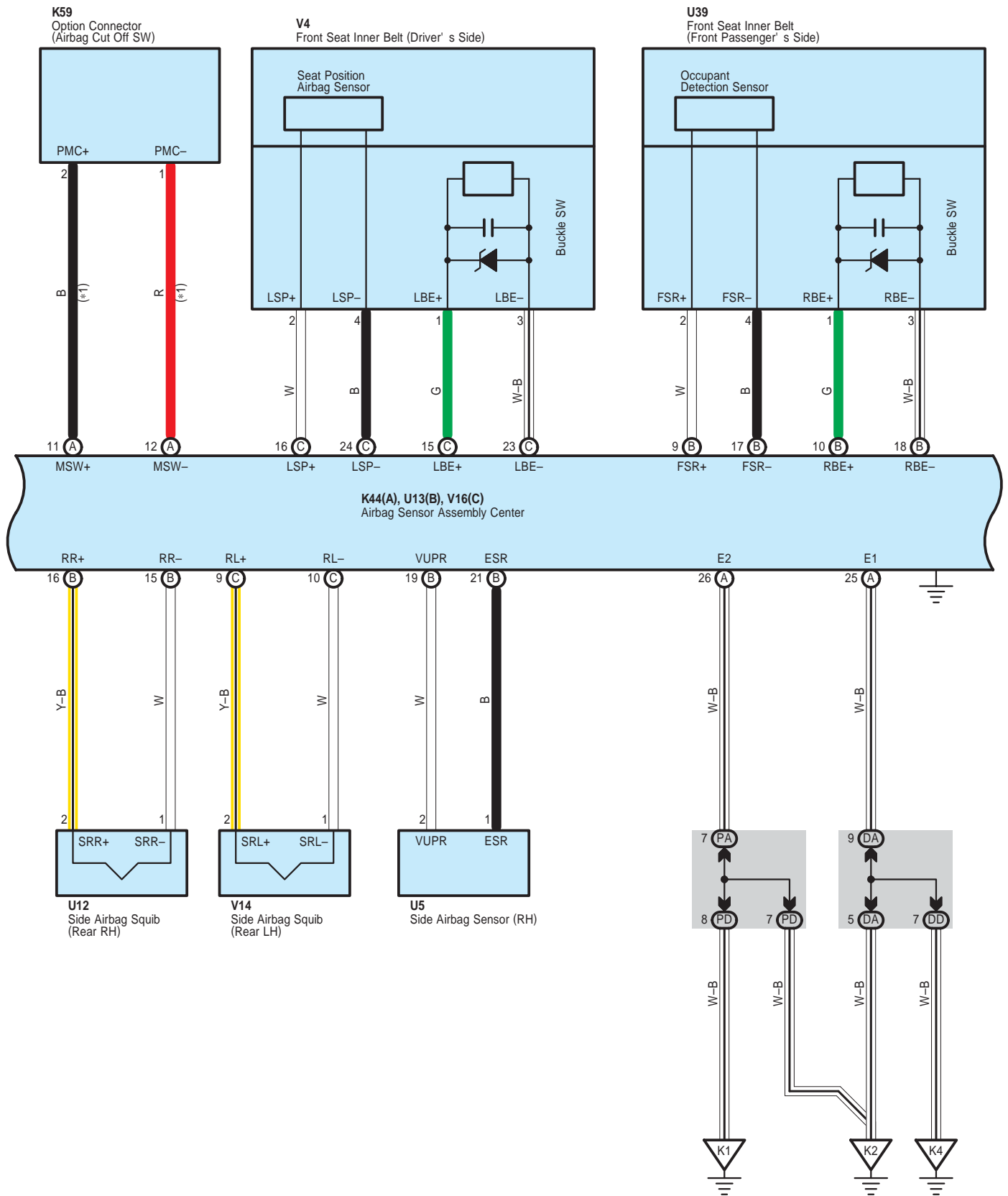
NOTICE: When inspecting or repairing the SRS, perform service in accordance with the following precautionary instructions and the procedure, and precautions in the Repair Manual applicable for the model year.

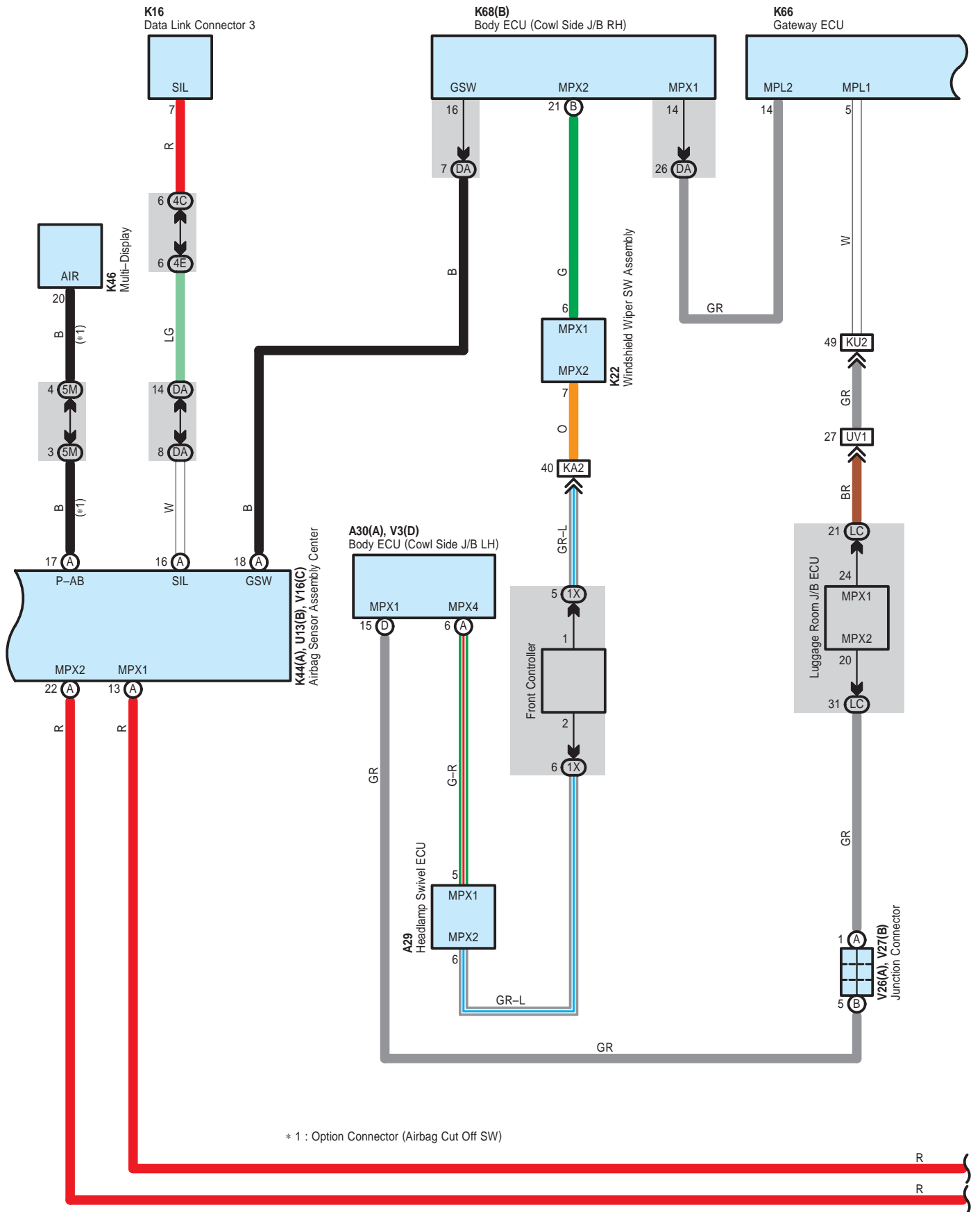
- Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.
- **Work must be started more than 90 seconds after the power SW is pushed to the "OFF" position and the negative (-) terminal cable is disconnected from the battery.**
(The SRS is equipped with a back-up power source so that if work is started within 90 seconds from disconnecting the negative (-) terminal cable of the battery, the SRS may deploy.)
- When the negative (-) terminal cable is disconnected from the battery, the memory of the clock and audio system will be cleared. So before starting work, make a record of the contents in the audio memory system. When work is finished, reset the audio systems as they were before and adjust the clock. Some vehicles have power tilt steering, power telescopic steering, power seat and power outside rear view mirror which are all equipped with memory function. However, it is not possible to make a record of these memory contents. So when the work is finished, it will be necessary to explain it to your customer, and ask the customer to adjust the features and reset the memory. To avoid erasing the memory in each system, never use a back-up power supply from outside the vehicle.
- Before repair, remove the airbag sensor if shocks are likely to be applied to the sensor during repair.
- Do not expose the following parts directly to hot air or flame;
- Even in cases of a minor collision where the SRS does not deploy, the following parts should be inspected;
- Never use SRS parts from another vehicle. When replacing parts, replace with new parts.
- For the purpose of reuse, never disassemble and repair the following parts.
- If the following parts have been dropped, or have cracks, dents and other defects in their case, bracket, and connector, replace with new one.
- Use a volt/ohmmeter with high impedance (10 k Ω /V minimum) for troubleshooting electrical circuits of the system.
- Information labels are attached to the periphery of the SRS components. Follow the instructions of the notice.
- After work on the SRS is completed, check the SRS warning light.
- If the vehicle is equipped with a mobile communication system, refer to the precaution in the IN section of the Repair Manual.

- * Steering wheel pad
- * Front passenger airbag assembly
- * Side airbag assembly
- * Curtain shield airbag assembly
- * Knee airbag assembly
- * Seat belt pretensioner
- * Center airbag sensor assembly
- * Front airbag sensor assembly
- * Side airbag sensor assembly
- * Rear airbag sensor assembly

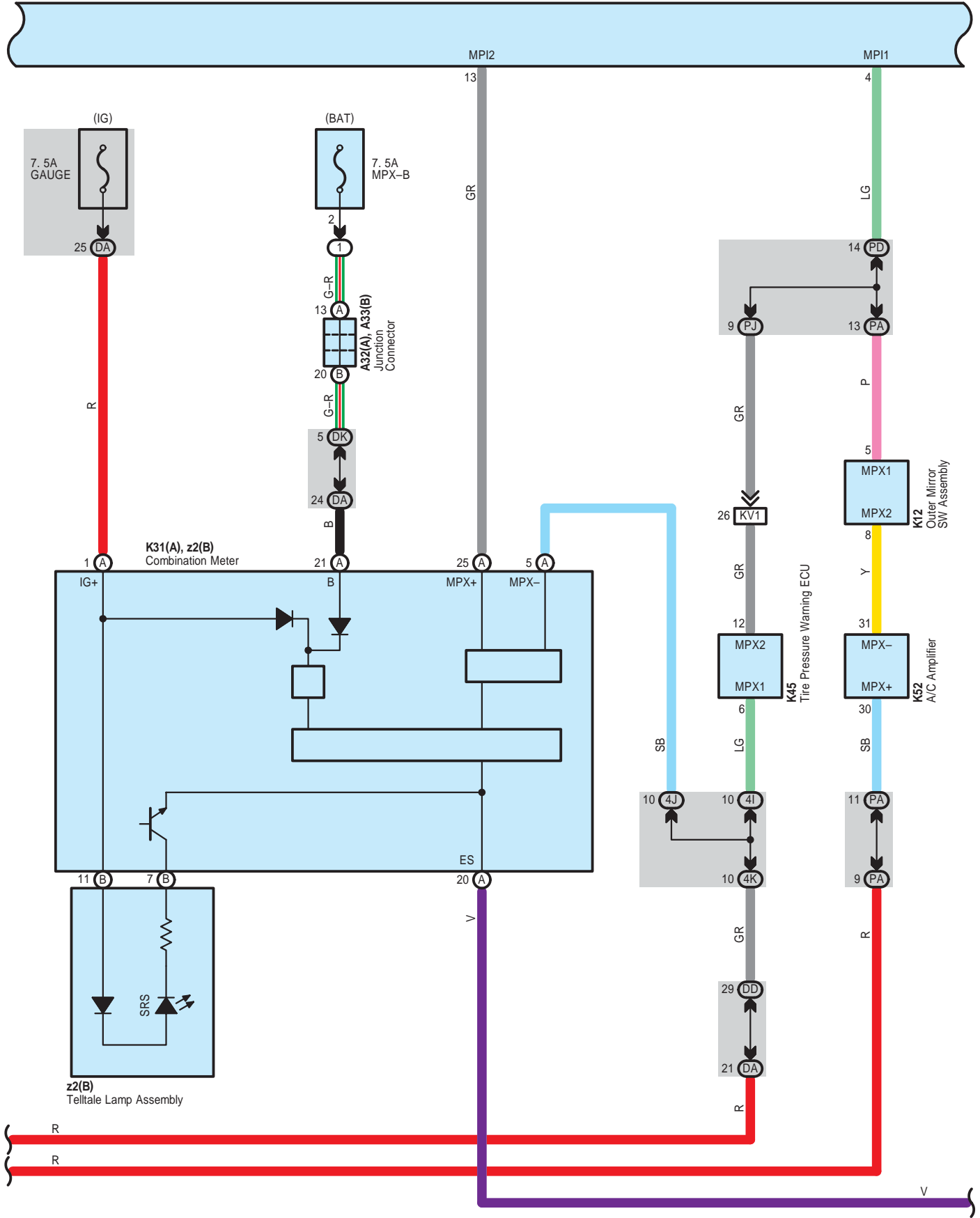


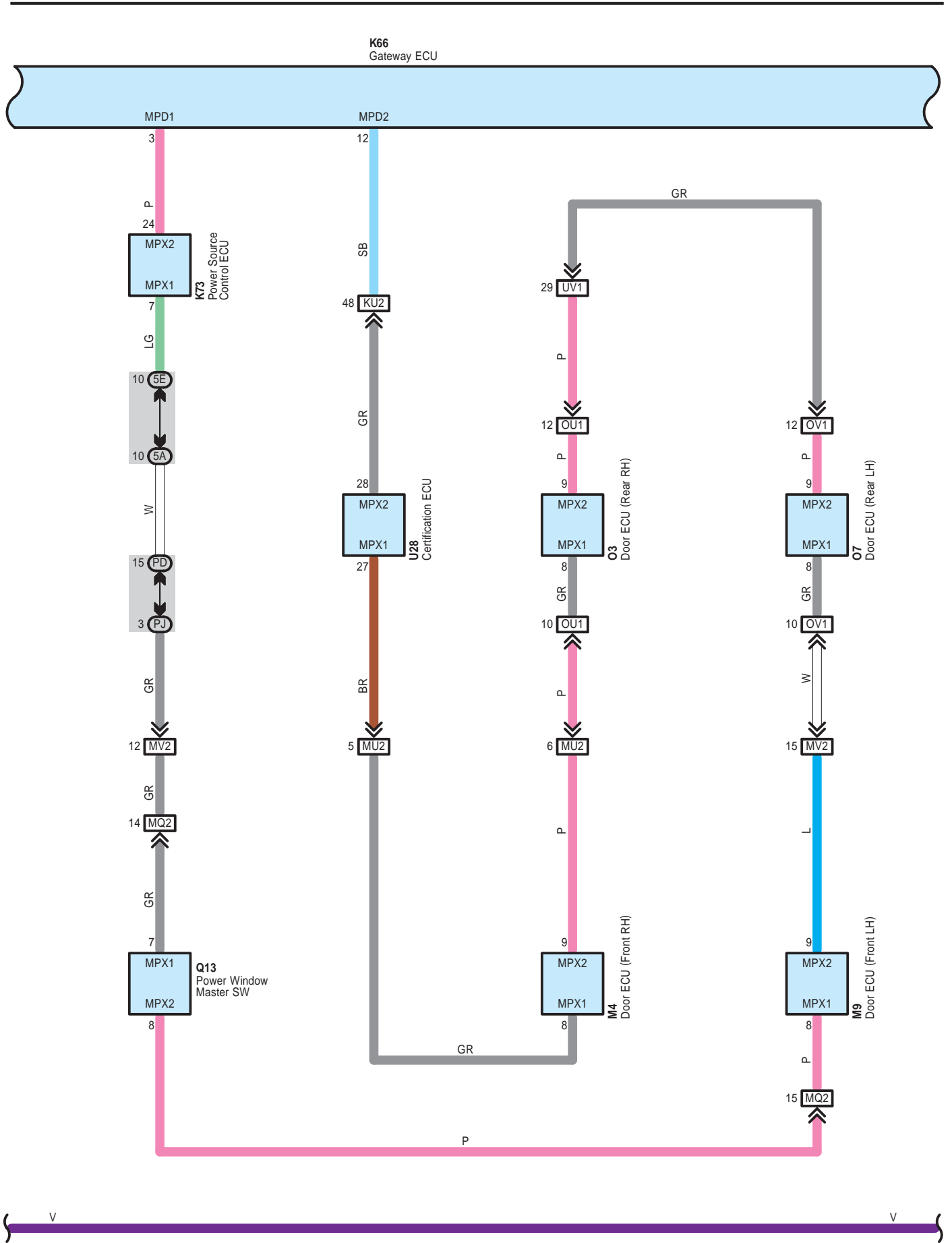


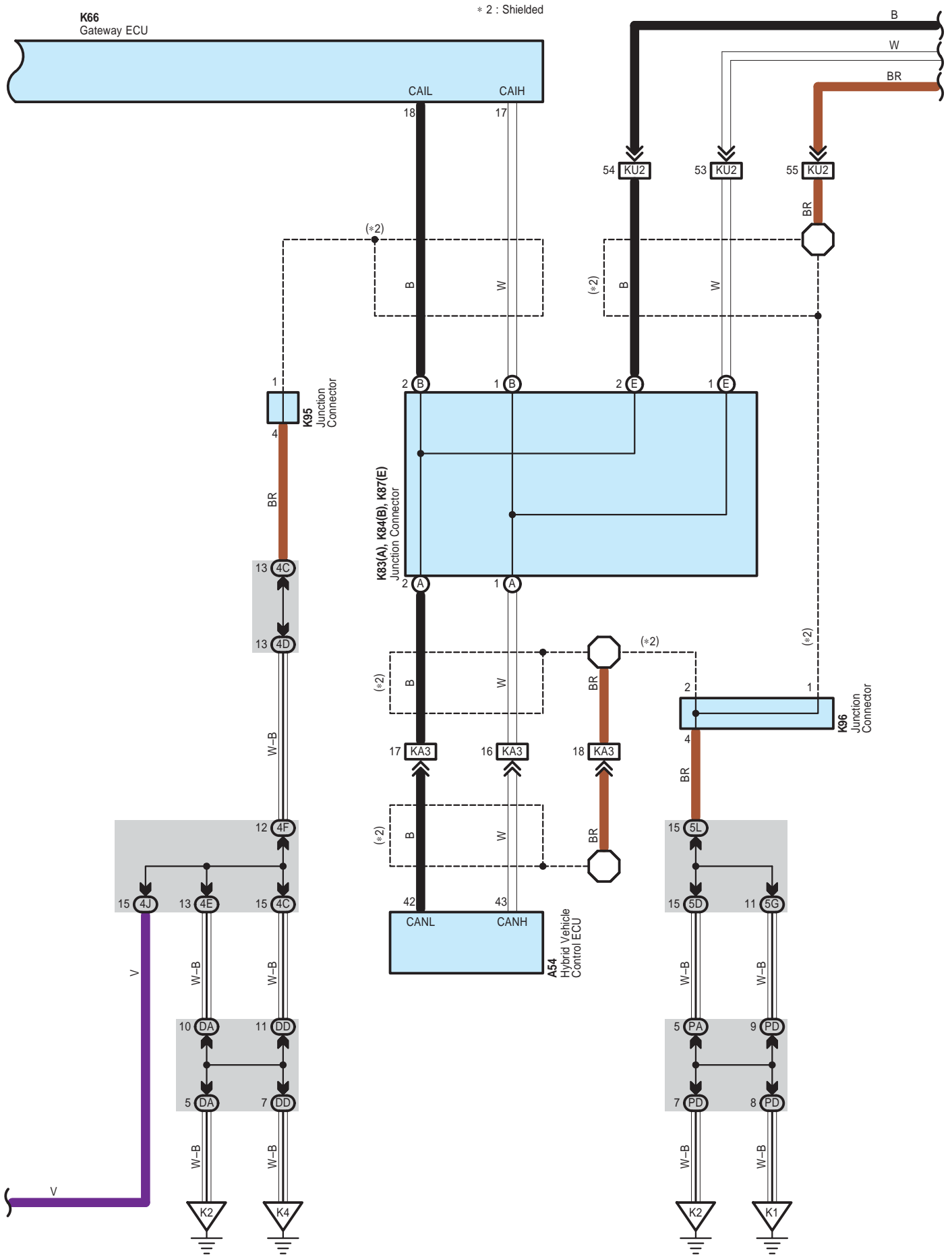


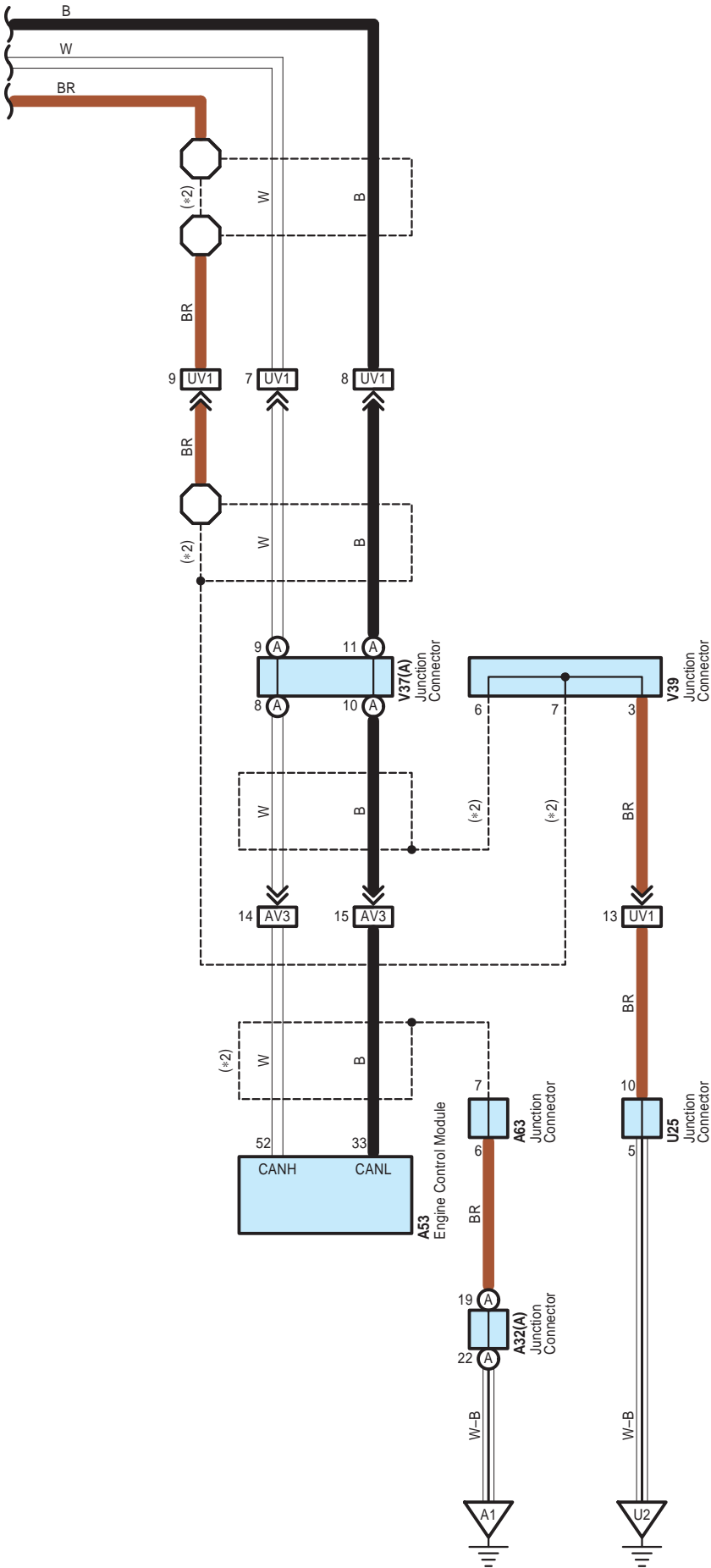


K66
Gateway ECU









LEXUS GS 450h (EM02D0U)

System Outline

- * The system reaches an ignition judgment to deploy the following device based on the signals received from the front airbag sensor and deceleration sensor.
 - Driver Airbag
 - Front Passenger Airbag
 - Knee Airbag
 - Seat Belt Pretensioner
- * The system reaches an ignition judgment to deploy the following device based on the signals received from the side airbag sensors.
 - Side Airbags
 - Curtain Shield Airbags
- * The dual-stage SRS airbag system has been used for the driver and front passenger airbags. This system controls the optimal airbag inflation by judging the extent of impact, seat position (driver seat) and whether or not the seat belt is fastened(driver seat)
- * The Airbag sensor assembly transmits a signal to the Body ECU in order to release the door lock.
- * The airbag sensor assembly transmits a signal to the Hybrid Vehicle Control ECU in order to control hybrid high voltage cut off.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A1	80	K68 B	86	U25	90
A25	80	K71	86	U28	90
A29	84	K73	86	U39	94
A30 A	84	K83 A	78, 86	V3 D	87
A32 A	84	K84 B	78, 86	V4	94
A33 B	84	K87 E	78, 86	V5	94
A53	80	K95	86	V8	91
A54	80	K96	86	V9	91
A63	84	M4	88	V12	91
K12	85	M9	88	V14	91
K14	85	O3	88	V16 C	87
K16	85	O7	88	V19	91
K21	85	Q13	89	V23	91
K22	85	U3	94	V26 A	91
K31 A	85	U5	90	V27 B	91
K44 A	86	U7	90	V37 A	91
K45	86	U10	90	V39	91
K46	86	U12	90	c1 A	87
K52	86	U13 B	87	c2 B	87
K59	86	U16	90	z2 B	87
K66	86	U18	90		

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B No.1 (Engine Compartment Left)

**: Junction Block and Wire Harness Connector**

Code	See Page	Junction Block and Wire Harness (Connector Location)
1X	29	Engine Room Main Wire and Engine Room J/B No.1 (Engine Compartment left)
4C	70	Instrument Panel Wire and Center J/B RH (Right Side of the Instrument Panel Reinforcement)
4D		
4E		
4F		
4I		
4J		
4K		
5A	66	Instrument Panel Wire and Center J/B LH (Right Side of the Instrument Panel Reinforcement)
5D		
5E		
5G		
5L		
5M		
DA	55	Instrument Panel Wire and Cowl Side J/B RH (Behind the Glove Box)
DD		
DK	56	Engine Room Main Wire and Cowl Side J/B RH (Behind the Glove Box)
LC	63	Floor No.2 Wire and Luggage Room J/B (Left Side of the Quarter Panel)
PA	49	Instrument Panel Wire and Cowl Side J/B LH (Lower Finish Panel)
PD		
PJ	50	Floor No.2 Wire and Cowl Side J/B LH (Lower Finish Panel)

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

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AV3	97	Engine Room Main Wire and Floor No.2 Wire (Cowl Side Panel LH)
KA1	97	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
KA2		
KA3	97	Instrument Panel Wire and Engine Room Main Wire (Right Kick Panel)
KA4		
KU2	97	Instrument Panel Wire and Floor No.1 Wire (Right Kick Panel)
KV1	97	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
Kc1	97	Instrument Panel Wire and Instrument Panel Wire Assembly (Upper the Glove Box)
MQ2	98	Front Door LH Wire and Front Door LH No.2 Wire (Front Door Inner Panel LH)
MU2	97	Front Door RH Wire and Floor No.1 Wire (Right Kick Panel)
MV2	97	Front Door LH Wire and Floor No.2 Wire (Left Kick Panel)
OU1	98	Rear Door No.1 Wire and Floor No.1 Wire (Right Center Pillar)
OV1	98	Rear Door No.2 Wire and Floor No.2 Wire (Left Center Pillar)
UV1	98	Floor No.1 Wire and Floor No.2 Wire (Center of the Rear Floor Partition Panel)

**: Ground Points**

Code	See Page	Ground Points Location
A1	96	Left Side of the Dash Panel
K1	97	Left Kick Panel
K2	97	Left Side of the Shift Lever
K4	97	Right Kick Panel
U2	98	Right Side of the Rear Floor Partition Panel