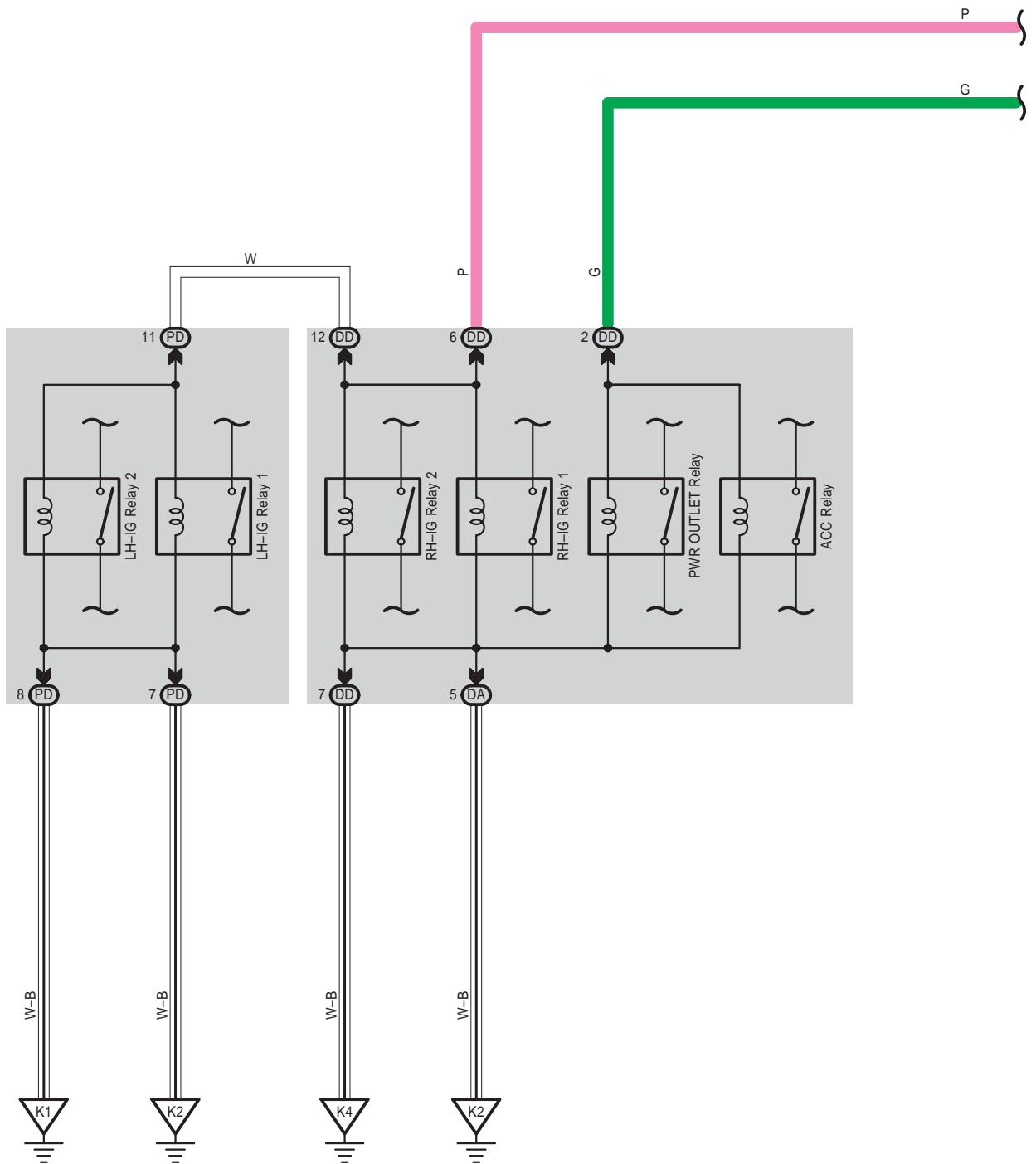
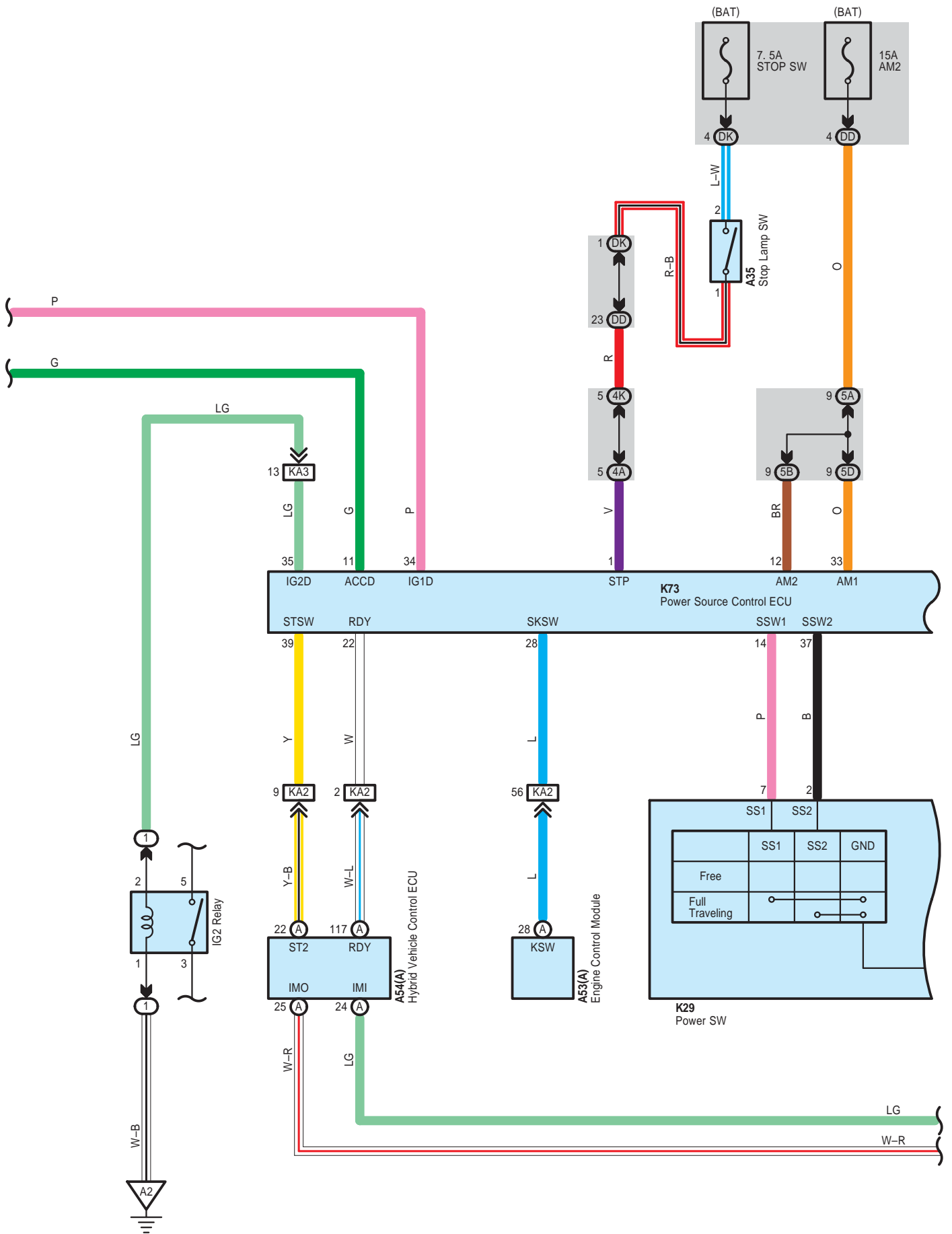
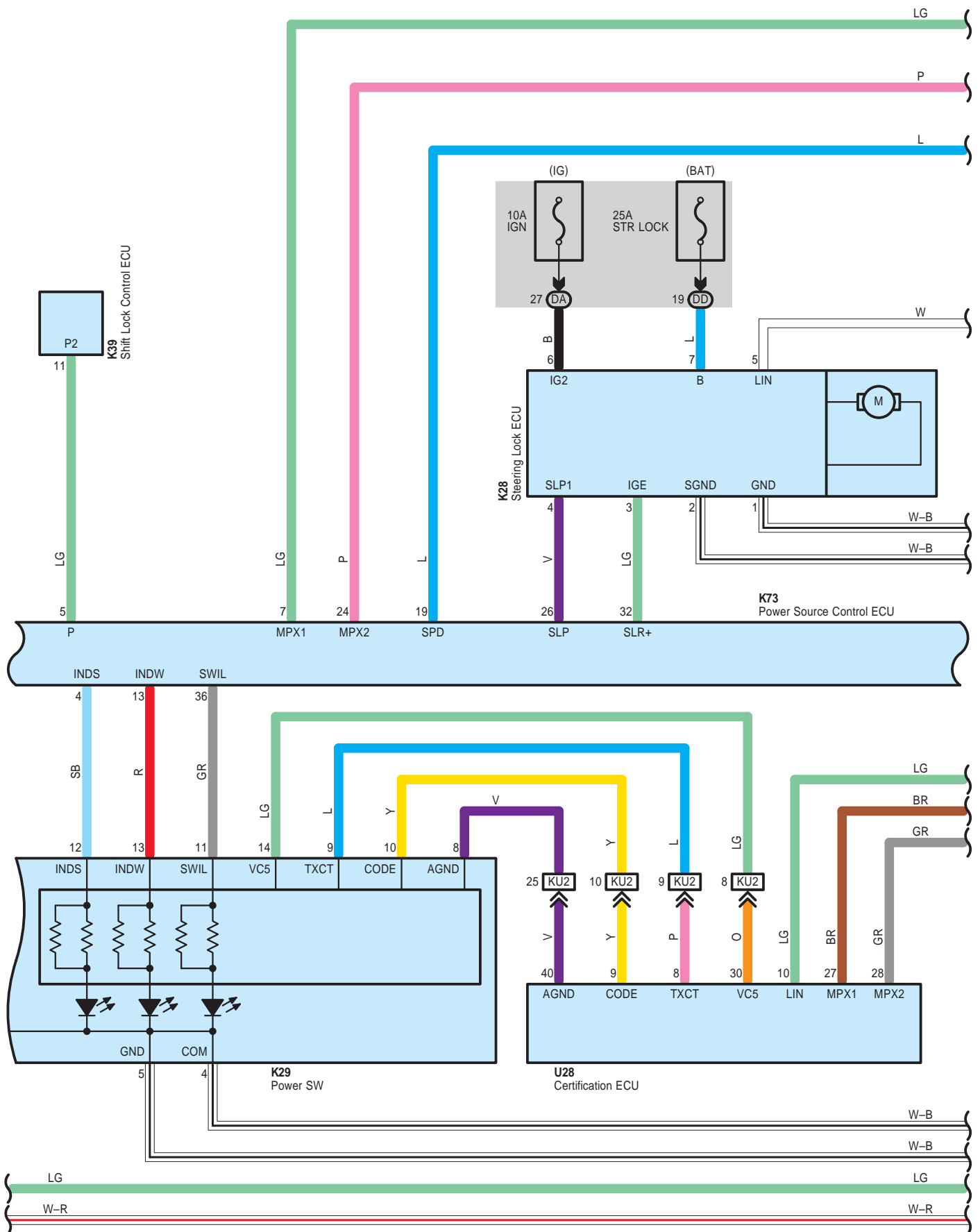


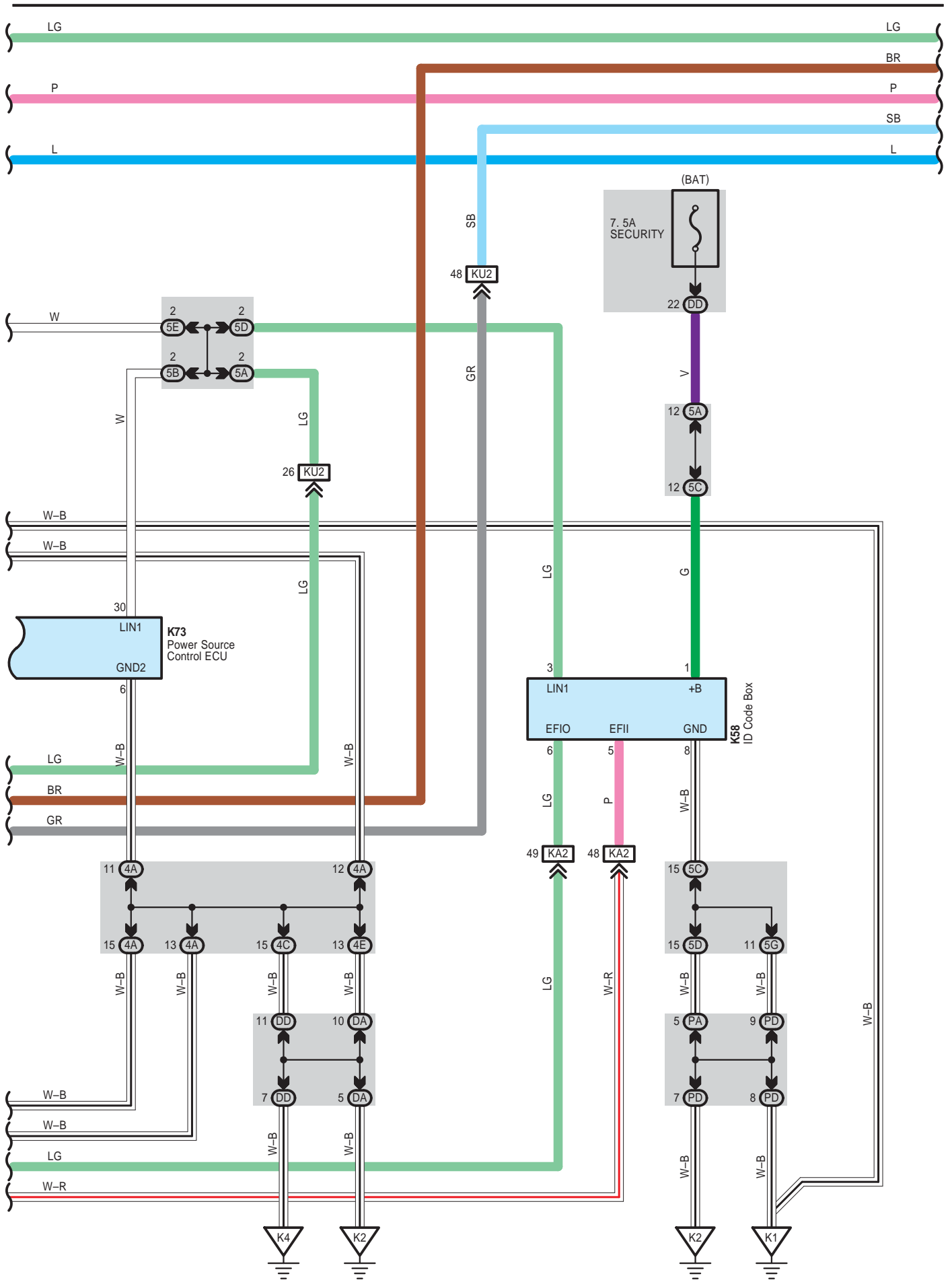
# Push-Button Start, Hybrid Vehicle Immobiliser and Steering Lock





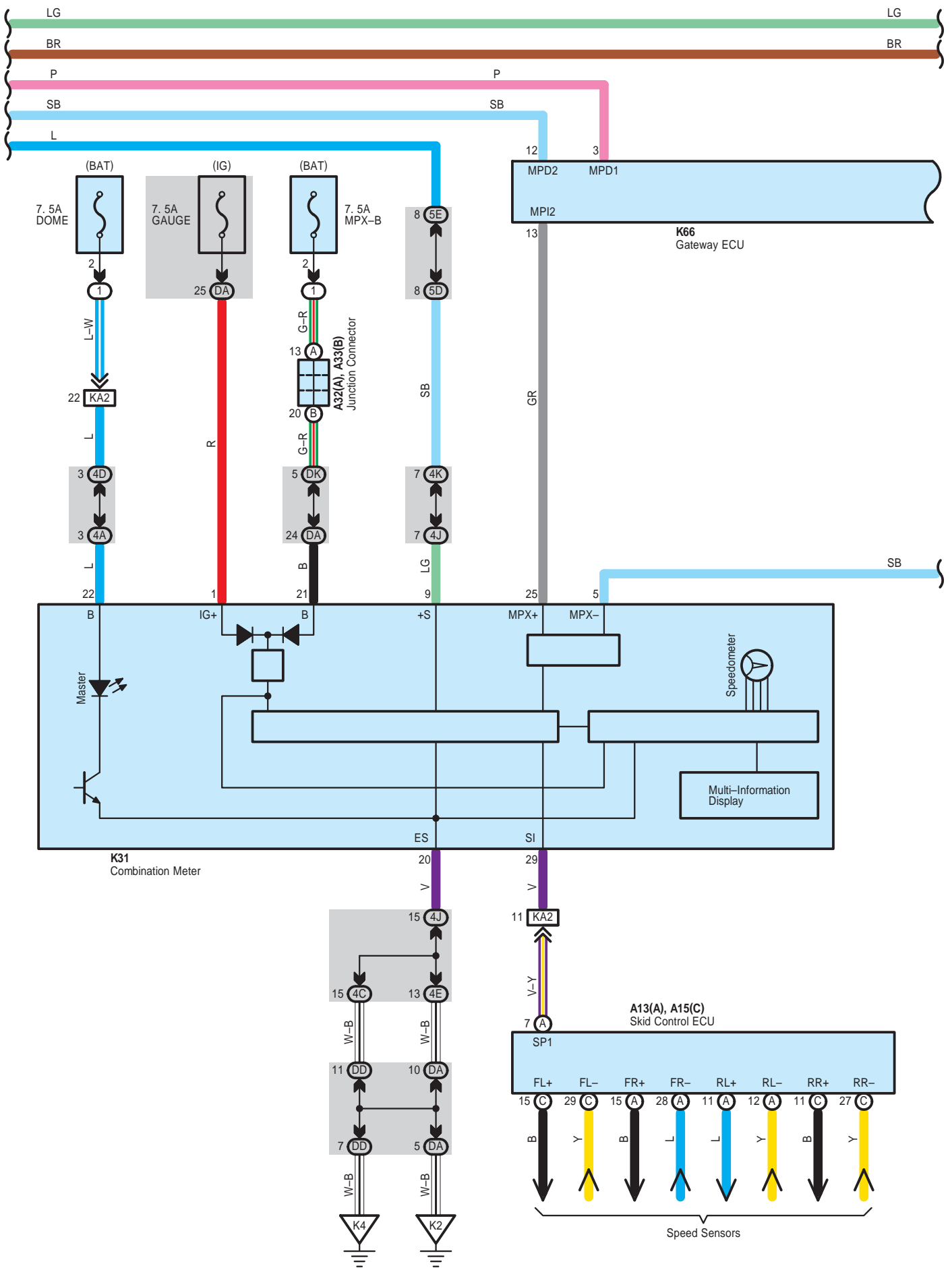
# Push-Button Start, Hybrid Vehicle Immobiliser and Steering Lock

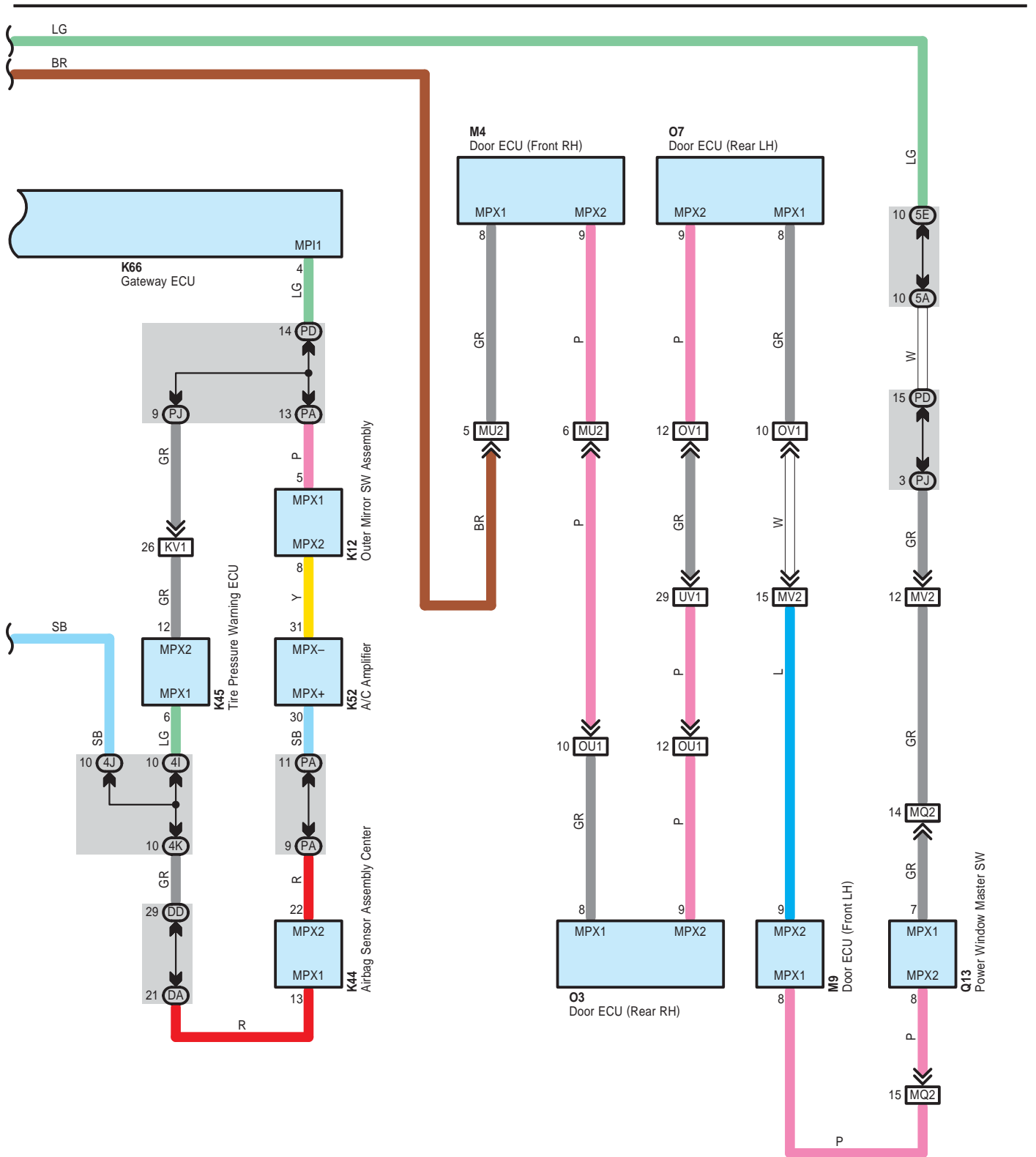




LEXUS GS 450h (EM02D0U)

# Push-Button Start, Hybrid Vehicle Immobiliser and Steering Lock





# Push-Button Start, Hybrid Vehicle Immobiliser and Steering Lock

## System Outline

### \* Steering lock

Receiving signals from the power SW and the key, the smart key ECU sends instruction for locking and unlocking the steering lock to the steering lock ECU (Built in the steering lock) in order to activate the motor. The steering lock ECU detects position of the lock bar and stops the motor at the specified position.

## ○ : Parts Location

Code		See Page	Code	See Page	Code	See Page
A13	A	80	K28	85	K66	86
A15	C	80	K29	85	K73	86
A32	A	84	K31	85	M4	88
A33	B	84	K39	85	M9	88
A35		84	K44	86	O3	88
A53	A	80	K45	86	O7	88
A54	A	80	K52	86	Q13	89
K12		85	K58	86	U28	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)
4A	70	Instrument Panel Wire and Center J/B RH (Right Side of the Instrument Panel Reinforcement)
4C		
4D		
4E		
4I		
4J		
4K		
5A	66	Instrument Panel Wire and Center J/B LH (Right Side of the Instrument Panel Reinforcement)
5B		
5C		
5D		
5E		
5G		
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)
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)
KA2	97	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
KA3	97	Instrument Panel Wire and Engine Room Main Wire (Right Kick Panel)
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)
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
A2	96	Front Left Fender Apron
K1	97	Left Kick Panel
K2	97	Left Side of the Shift Lever
K4	97	Right Kick Panel