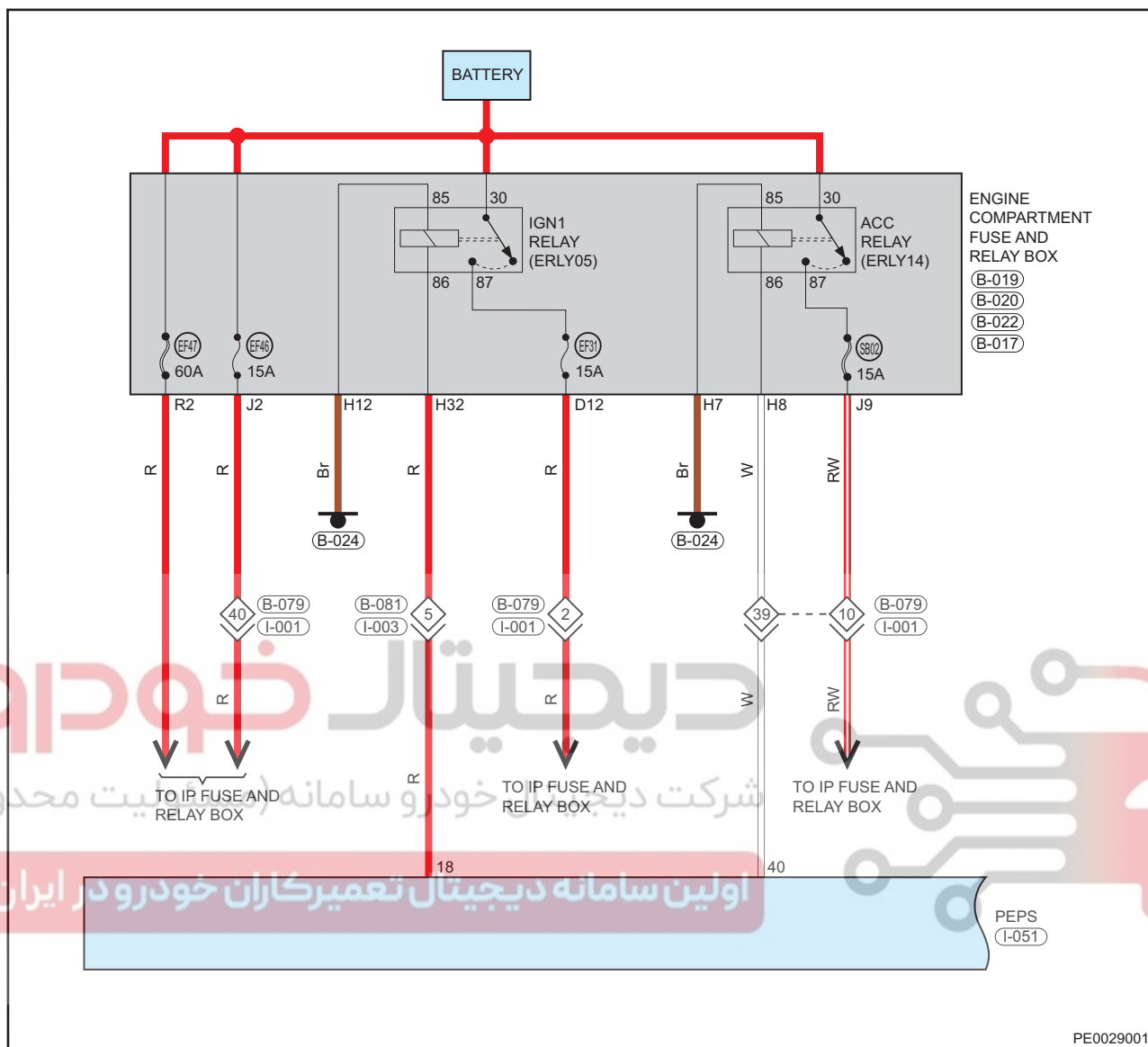
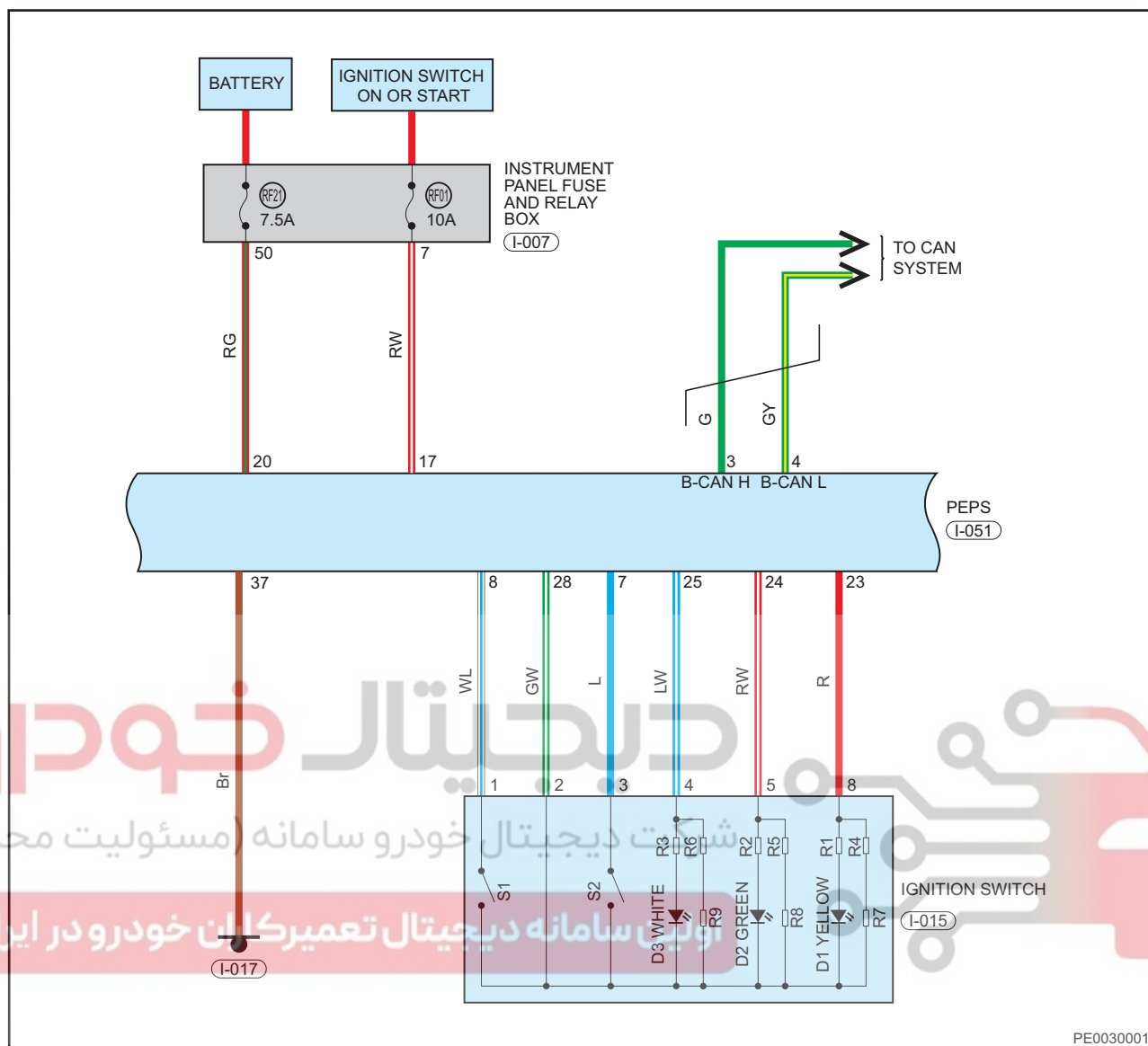


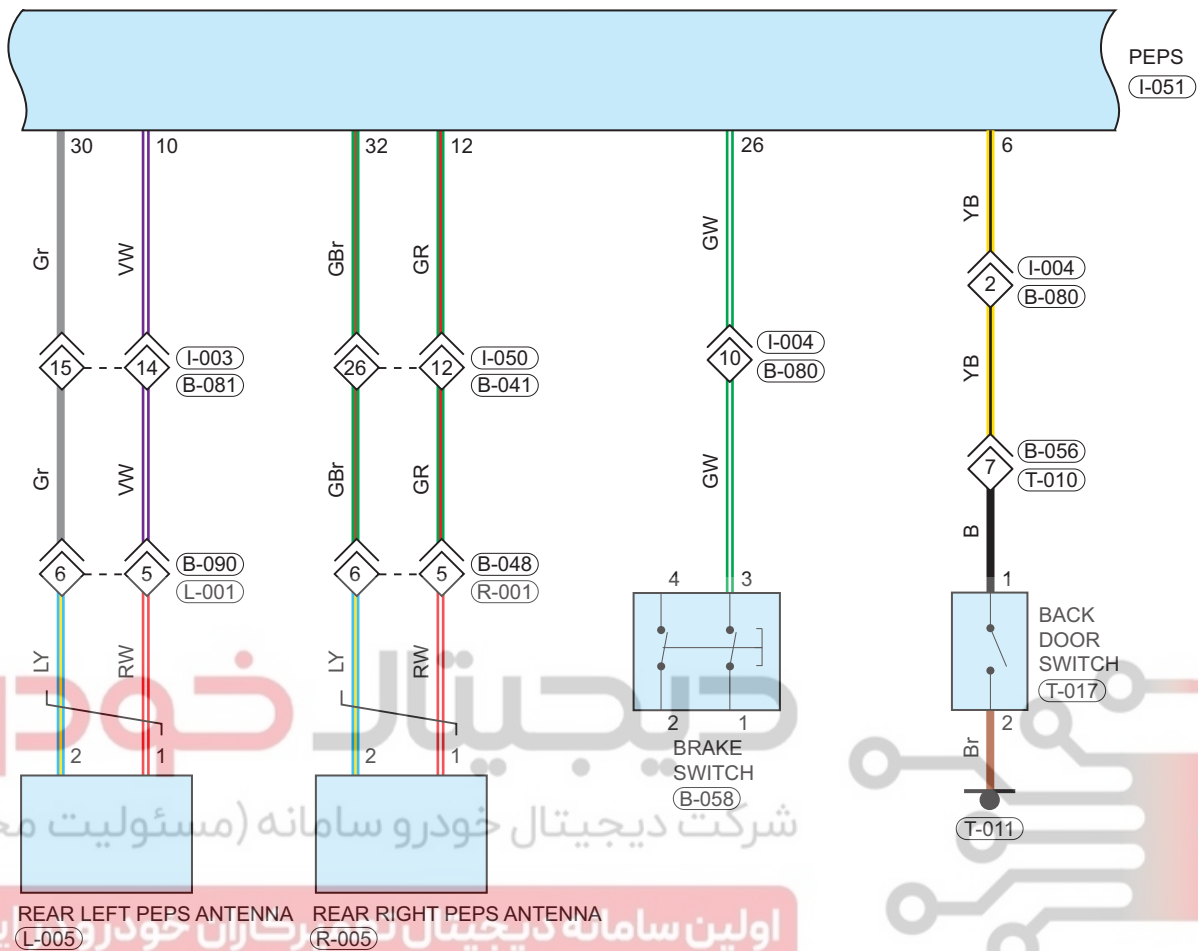
PEPS Circuit Diagram

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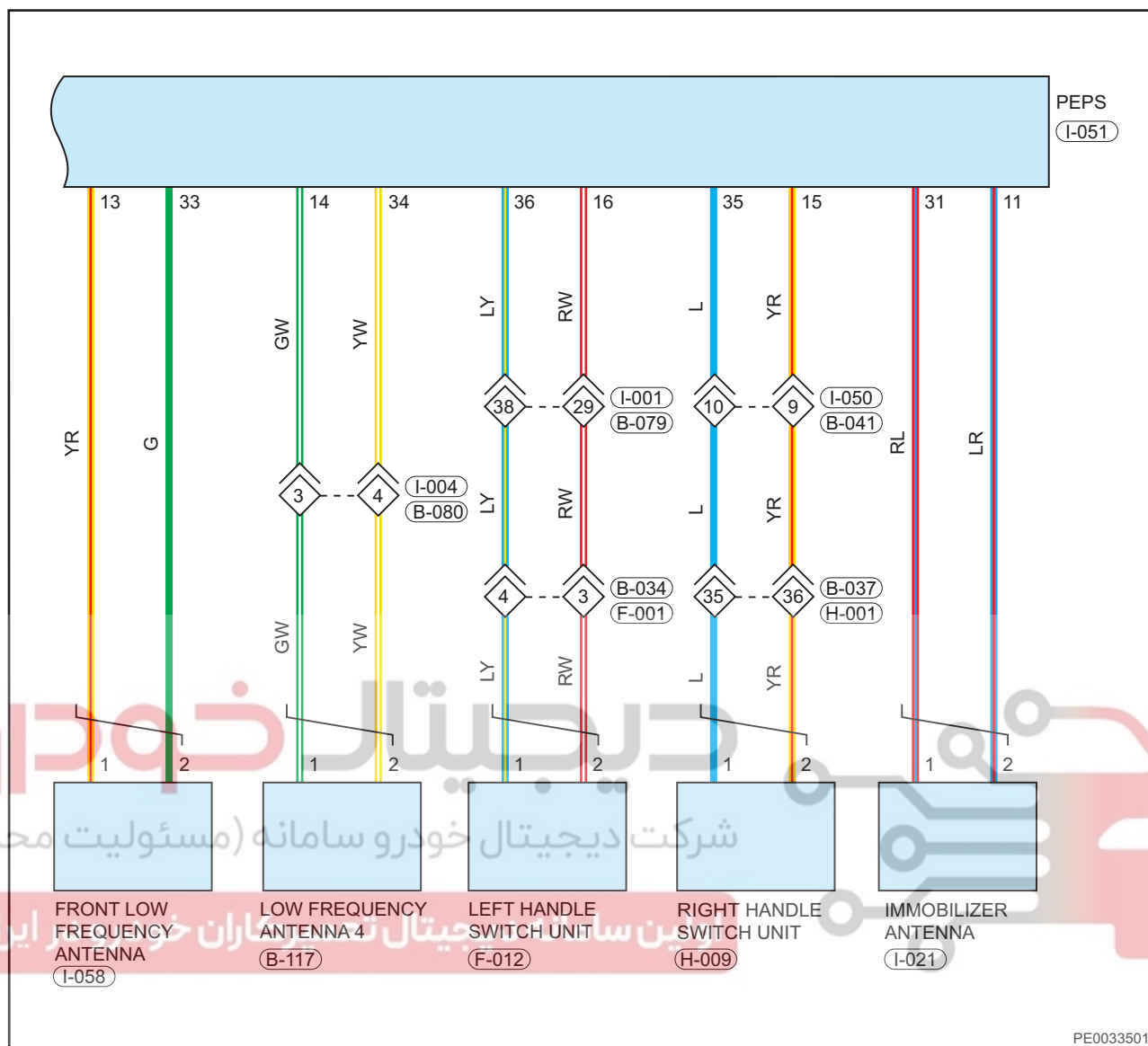




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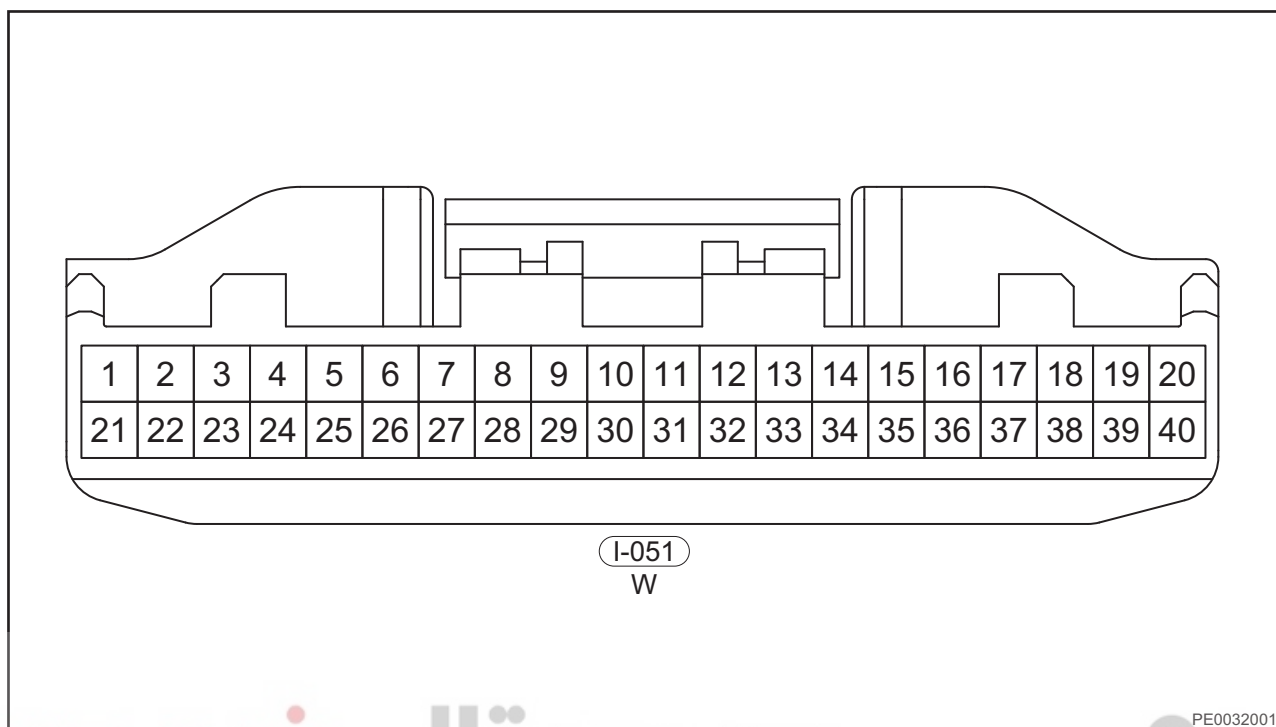


PE0031001



PEPS Control Module Assembly Terminal List

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Terminal No.	Terminal Definition	Terminal No.	Terminal Definition
1	-	21	-
2	-	22	Clutch Switch Signal
3	B-CAN H	23	Start Switch Indication
4	B-CAN L	24	Start Switch Indication
5	Clutch Switch (Constant ON)	25	Start Switch Illustration
6	Back Door Opener Switch	26	Brake Signal
7	Start Switch 2	27	-
8	Start Switch 1	28	Analog Ground
9	-	29	-
10	RL PEPS Antenna Positive Terminal	30	RL PEPS Antenna Negative Terminal
11	Immobilizer Coil DCT Negative Terminal	31	Immobilizer Coil DCT Positive Terminal
12	RR PEPS Antenna Positive Terminal	32	RR PEPS Antenna Negative Terminal
13	Front Low Frequency Positive Terminal	33	Front Low Frequency Negative Terminal
14	Low Frequency Antenna 4 Positive Terminal	34	Low Frequency Antenna 4 Negative Terminal
15	FR Door Handle Sensor Positive Terminal	35	FR Door Handle Sensor Negative Terminal
16	FL Door Handle Sensor Positive Terminal	36	FL Door Handle Sensor Negative Terminal
17	IGN1 Power Supply	37	Ground
18	IGN1 Relay	38	Start Relay
19	-	39	Start Relay (High)
20	Ignition Signal	40	ACC Relay

Diagnostic Trouble Code (DTC) Chart

DTC	DTC Definition
B1500	Driver Door Outside LF Antenna
B1501	Passenger Door Outside LF Antenna
B1502	Front Internal LF Antenna

DTC	DTC Definition
B1505	Bumper LF Antenna
B1506	Abnormality on Switches of Engine Switch
B1507	Abnormality in IG Circuit
B1508	Abnormality in ACC Circuit
B1509	Abnormality in Brake Signal
B152D	Switch Stuck
B1506	Abnormality on Switches of Engine Switch
B1507	Abnormality in IG Circuit
B1508	Abnormality in ACC Circuit
B150A	Abnormality in Vehicle Speed Signal
B1509	Abnormality in Brake Signal
B150C	Clutch Switch Signal Error
B150D	Abnormality on ESCL LCK_GND
B150E	Abnormality on ESCL LCK_PS
B1515	ROM Checksum Failure
B1518	Trunk/Back Door Unlock Switch Stuck Failure
B150F	ESCL Anti Scanning
U0073	CAN Bus Off
U0100	Lost of Communication with Engine Control System Module
U0101	Lost of Communication with Transmission Control Unit
U0129	Lost Communication with Brake System Module
U0140	Lost Communication with Body Control Module
U0329	Lost communication with Electronic Steering Column Lock
U1300	Software Configuration Error

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