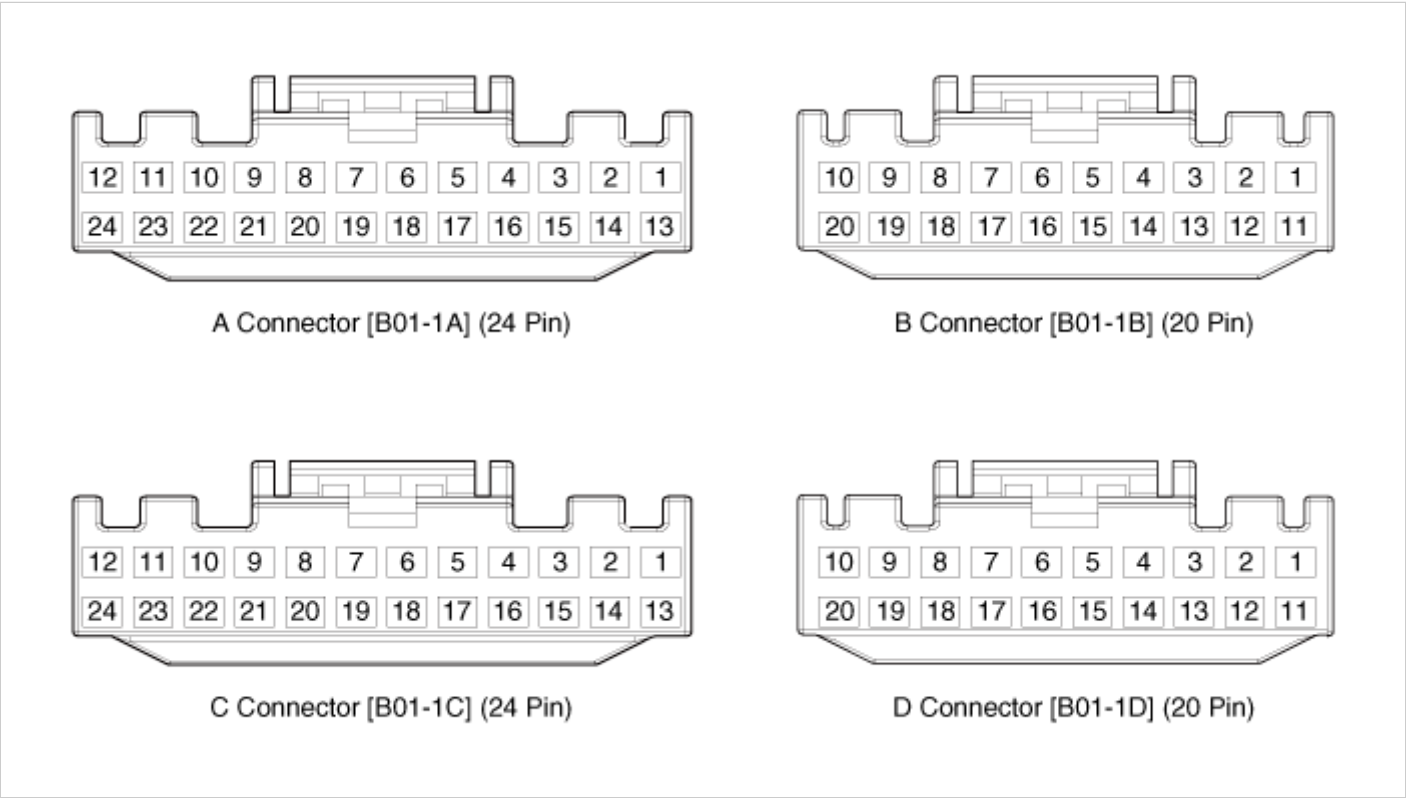




- BMU Connector and Terminal Information



BMU Terminal Information

A Connector [B01-1A] (24 Pin)

Terminal	Signal Name
1	CMU #1 OPD Signal (HO)
2	LEAK Sensor Signal Input
3	-
4	CMU #6 OPD Signal (HI)
5	Battery Current Sensor Signal Input (High)
6	Battery Current Sensor Signal Input (Low)
7	Quick Charging Relay [+] Control
8	PRA Main Relay [-] Control
9	Pre Charge Relay Control
10	-

11	Battery Heater Relay Control
12	-
13	CMU #1 OPD Signal (LO)
14	LEAK Sensor Ground
15	Battery Heater Relay Ground
16	CMU #6 OPD Signal (LI)
17	Current Sensor VCC (5V)
18	Current Sensor Ground
19	Quick Charging Relay Ground
20	Quick Charging Relay [-] Control
21	Relay Ground
22	PRA main Relay [+] Control
23	-
24	-

B Connector [B01-1B] (20 Pin)

Terminal	Signal Name
1	CMU #1 [RXNH] Signal Input
2	CMU #1 [RXPH] Signal Input
3	-
4	Isolation Signal Input (High)
5	-
6	-
7	-
8	-
9	-
10	Isolation Signal Input (Low)
11	CMU #1 [TXNH] Signal Input
12	CMU #1 [TXPH] Signal Input
13	-
14	-
15	-
16	-
17	-
18	-
19	-
20	-

C Connector [B01-2A] (20 Pin)

Terminal	Signal Name
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1	Battery power (B+)
2	Battery power (B+)
3	IG3 Power
4	SDC_Wake Up
5	LIN Communication
6	Crash
7	Rear Interlock (High)
8	Rear Interlock (Low)
9	ERG Interlock (High)
10	ERG Interlock (Low)
11	Front Interlock (High)
12	Front Interlock (Low)
13	Ground
14	Ground
15	-
16	-
17	-
18	-
19	-
20	-
21	High Voltage Junction Block Interlock (High)
22	High Voltage Junction Block Interlock (Low)
23	PTC Heater Temperture Sensor Signal Input
24	PTC Heater Temperture Sensor Ground

D Connector [B01-2B] (16 Pin)

Terminal	Signal Name
1	PRA Temperture Sensor Signal Input
2	PRA Temperture Sensor Ground
3	-
4	-
5	BMA #24 Temperture Sensor Signal Input
6	BMA #24 Temperture Sensor Ground
7	ICCU Interlock (High)
8	ICCU Interlock (Low)
9	M-CAN (Low)
10	M-CAN (High)
11	Coolant Temperture Sensor Inlet Signal Input
12	Coolant Temperture Sensor Inlet Ground
13	Radiator Output Signal Input

14	Radiator Output Ground
15	-
16	-
17	-
18	-
19	G-CAN (Low)
20	G-CAN (High)