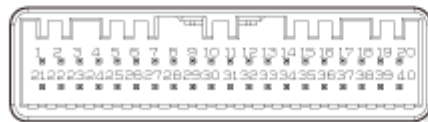
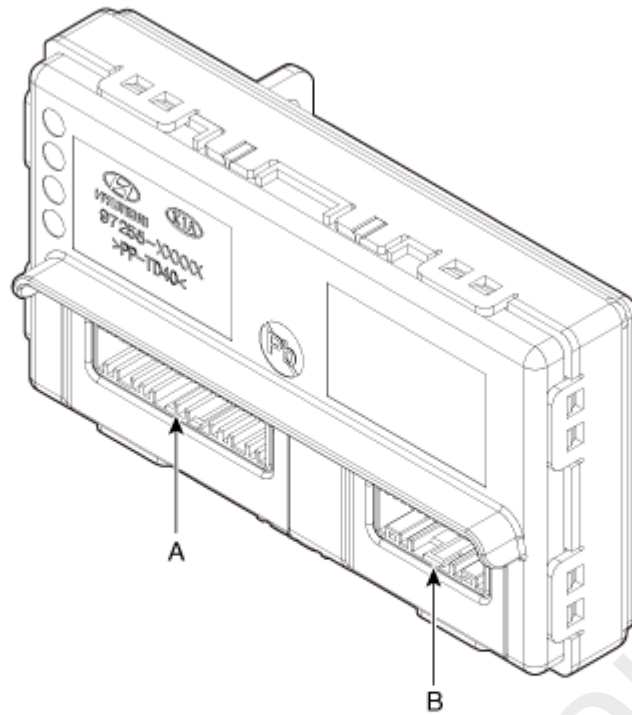


Component Location

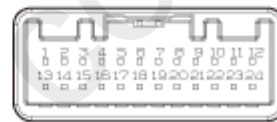


1. Heater control unit

Components



[Connector A]



[Connector B]

[Connector A]

Pin No	Function	Pin No	Function
1	Mode control actuator (Feedback)	21	Mode control actuator (Vent)
2	Intake actuator (Feedback)	22	Mode control actuator (DEF)
3	Passenger's temperature control actuator	23	Intake actuator (FRE)
4	Driver's temperature control actuator	24	Intake actuator (REC)
5	DEF actuator feedback	25	Passenger's temperature control actuator (Cool)
6	Ionizer diagnosis	26	Passenger's temperature control actuator (Warm)
7	-	27	Driver's temperature control actuator (Cool)
8	Photo sensor (-) [LH]	28	Driver's temperature control actuator (Warm)
9	Photo sensor (-) [RH]	29	DEF actuator (Open)
10	-	30	DEF Driver's temperature control actuator (Coles)
11	Auto defogging sensor (SDA)	31	-
12	Auto defogging sensor (SCL)	32	-

13	Auto defogging sensor glass temperature	33	-
14	AMB sensor (+)	34	P_CAN Low
15	EVAP sensor (+)	35	P_CAN High
16	-	36	Clean signal
17	-	37	-
18	-	38	-
19	-	39	-
20	-	40	Ground

[Connector B]

Pin No	Function	Pin No	Function
1	Ground	13	Ground
2	Sensor ground	14	ECV (-) Ground
3	FET (Gate) (Power mosfet specifications)	15	ECV (+)
4	FET (Drain feedback) (Power mosfet specifications)	16	-
5	Blower motor (+) (Power mosfet specifications)	17	-
6	Blower INH (PWM specifications)	18	-
7	Blower IS (PWM specifications)	19	PTC relay (Gasoline PTC specifications)
8	Blower PWM IN (PWM specifications)	20	-
9	Sensor REF (+5V)	21	-
10	-	22	LIN BUS (PM Sensor)
11	-	23	IGN1
12	Battery	24	IGN2

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