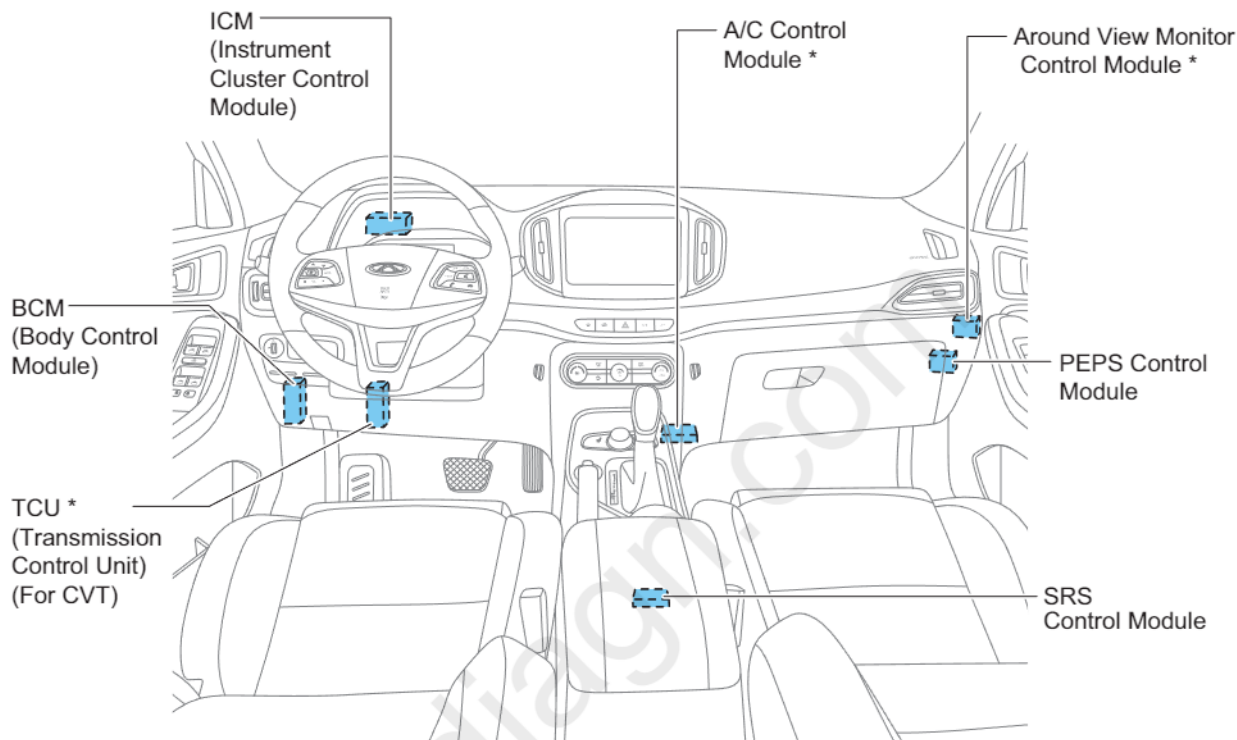


LOCATION AND TERMINAL DEFINITION OF CONTROL MODULES

This section introduces the location and terminal definition information of vehicle control modules. The whole vehicle includes the following modules:

*: If Equipped



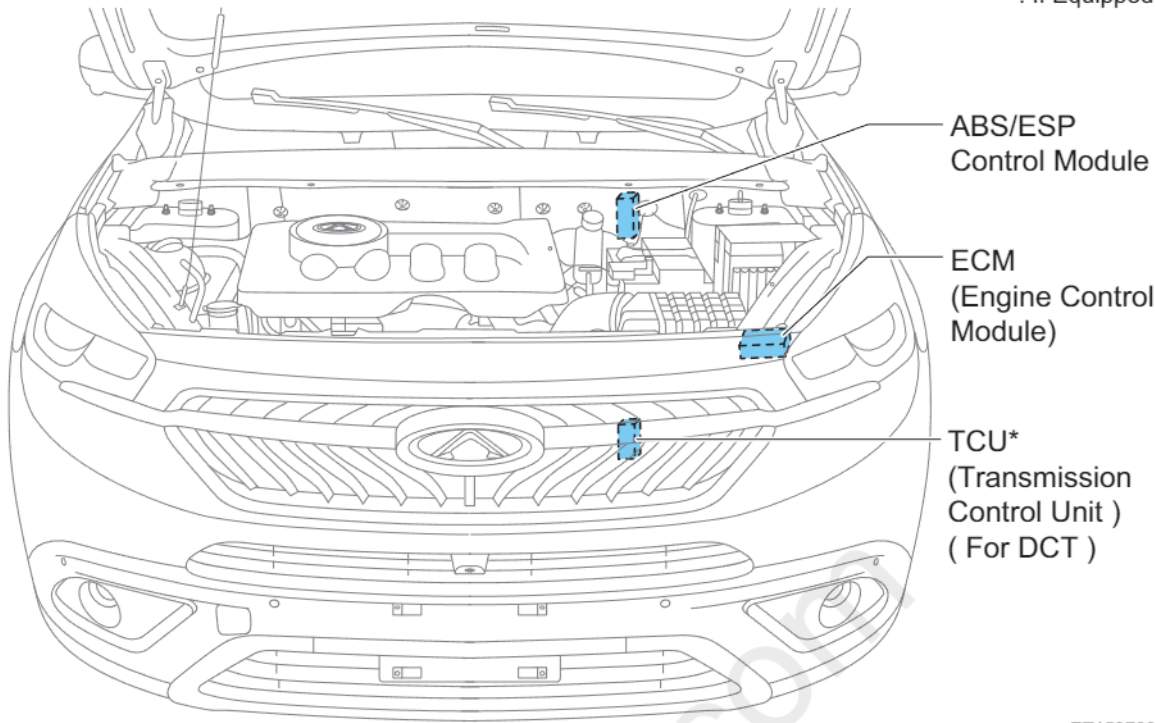
ET15070010

07

Terminal Definition

Module Name	See Page
TCU(Transmission Control Unit) (For CVT Model)	07-19
Around View Monitor	07-23
ICM (Instrument Cluster Control Module)	07-13
BCM (Body Control Module)	07-10
SRS Control Module	07-17
PEPS Control Module	07-14
A/C Control Module	07-16

*: If Equipped

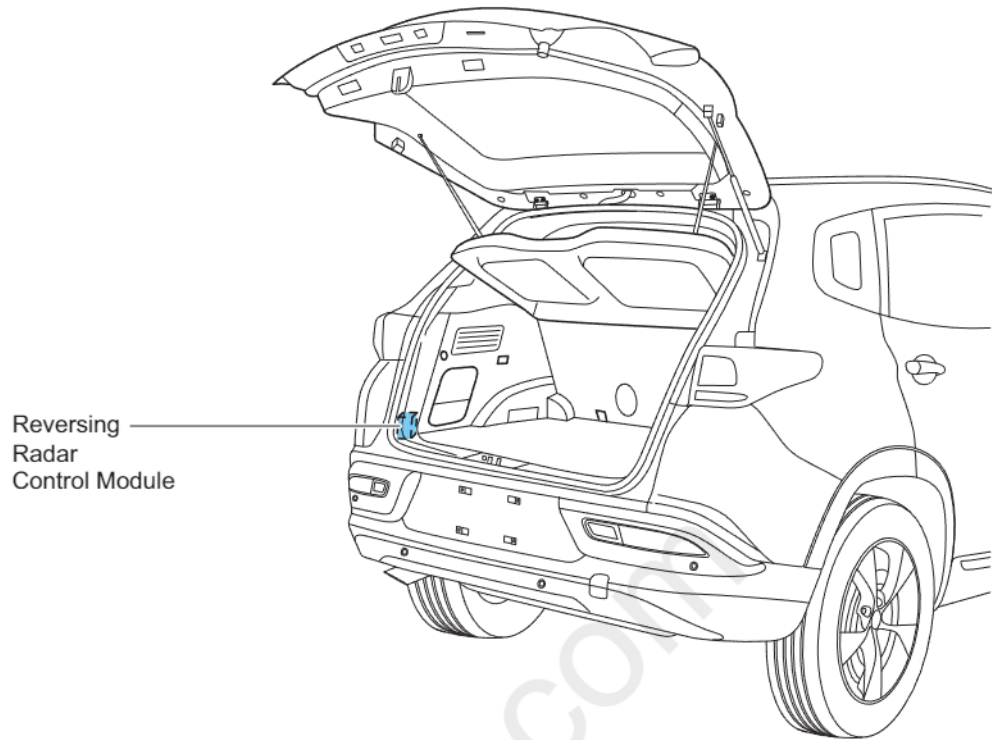


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Terminal Definition

07

Module Name	See Page
ECM (Engine Control Module) (For E4T15 Model)	07-4
ECM (Engine Control Module) (For E4T15B Model)	07-6
ECM (Engine Control Module) (For D4G20 Model)	07-8
ABS/ESP Control Module	07-18
TCU (Transmission Control Unit)	07-20



ET15070030

Terminal Definition

Module Name	See Page
Reversing Radar Control Module	07-22

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ECM (Engine Control Module) Terminal Definition (For E4T15 Model)**ECM (B) Terminal Definition**

Terminal No.	Description	Terminal No.	Description
1	CAN-H1	33	-
2	-	34	-
3	-	35	Ignition Switch
4	-	36	Electronic Accelerator Pedal Sensor 2 5 V Power Supply
5	Main Relay	37	Electronic Accelerator Pedal Sensor 1 5 V Power Supply
6	Clutch Switch	38	-
7	Electronic Accelerator Pedal Sensor 1 Ground	39	Electrical Water Pump Relay
8	-	40	-
9	-	41	Fuel Pump Relay
10	-	42	A/C Compressor Relay
11	-	43	Downstream Oxygen Sensor Ground
12	Brake Vacuum Sensor Signal	44	-
13	Start Signal	45	Electronic Accelerator Pedal Sensor 1
14	-	46	Turbo Pressure Sensor
15	UBR Noncontinuous Power Supply	47	Analog Ground
16	UBR Noncontinuous Power Supply	48	Downstream Oxygen Sensor Heater
17	CAN-L1	49	-
18	-	50	-
19	5 V Power Supply 1	51	-
20	UBD Constant Power Supply	52	-
21	Downstream Oxygen Sensor	53	A/C High/Low Pressure Switch
22	-	54	Electric Vacuum Pump
23	Parking Brake Switch	55	-
24	A/C Medium Pressure Switch Signal	56	Fan Control
25	Brake Light Switch	57	-
26	-	58	-
27	-	59	Electronic Accelerator Pedal Sensor 2 Ground
28	A/C Switch	60	Ambient Pressure Sensor
29	-	61	-
30	Electronic Accelerator Pedal Sensor 2	62	Intake Temperature Sensor
31	Fan Control	63	ECU Ground 2
32	Anti-theft Input	64	ECU Ground 1

ECM (A) Terminal Definition

Terminal No.	Description	Terminal No.	Description
65	Air Bleed Valve	89	Knock Sensor
66	-	90	Knock Sensor
67	Cylinder 2 Injector	91	Intake Pressure Sensor
68	Cylinder 1 Injector	92	-
69	Variable Camshaft Timing Valve (Exhaust)	93	Camshaft Position Sensor 1
70	ERCV Valve	94	TEV Canister Solenoid
71	Variable Camshaft Timing Valve (Intake)	95	Sensor Ground
72	Cylinder 3 Injector	96	Engine Speed Sensor
73	Upstream Oxygen Sensor Heater	97	Engine Speed Sensor
74	Cylinder 4 Injector	98	+5 V Power Supply 1
75	Throttle Actuator (+)	99	Ignition Coil 3
76	Ignition Coil 4	100	Ignition Coil 1
77	Throttle position sensor 1	101	Engine Coolant Sensor
78	Throttle Position Sensor 2	102	-
79	-	103	-
80	Oxygen Sensor Ground	104	Upstream Oxygen Sensor
81	-	105	Exhaust Camshaft Position Sensor
82	-	106	-
83	-	107	Throttle 5 V Power Supply
84	Analog Ground	108	-
85	Manifold Ground	109	Intake Manifold 5 V Power Supply
86	Throttle Ground	110	-
87	Throttle Actuator	111	ECM Ground 4
88	Ignition Coil 2	112	ECM Ground 3

ECM (Engine Control Module) Terminal Definition (For E4T15B Model)**ECM (B) Terminal Definition**

Terminal No.	Description	Terminal No.	Description
1	CAN-H1	33	-
2	-	34	-
3	-	35	Ignition Switch
4	-	36	Electronic Accelerator Pedal Sensor 2.5 V Power Supply
5	Main Relay	37	Electronic Accelerator Pedal Sensor 1.5 V Power Supply
6	-	38	-
7	Electronic Accelerator Pedal Sensor 1 Ground	39	-
8	-	40	-
9	Constant Speed Cruise Signal	41	Fuel Pump Relay
10	A/C High/Low Pressure Switch Signal	42	A/C Compressor Relay
11	-	43	Downstream Oxygen Sensor Ground
12	Brake Vacuum Sensor Signal	44	-
13	-I	45	Electronic Accelerator Pedal Sensor 1
14	-	46	Turbo Pressure Sensor Signal
15	UBR Noncontinuous Power Supply	47	Analog Ground
16	UBR Noncontinuous Power Supply	48	Downstream Oxygen Sensor Heater
17	CAN-L1	49	-
18	-	50	-
19	5 V Power Supply 1	51	-
20	UBD Constant Power Supply	52	-
21	Downstream Oxygen Sensor	53	-
22	-	54	Electric Vacuum Pump
23	Parking Brake Switch	55	-
24	A/C Medium Pressure Switch Signal	56	Fan Control (Low)
25	Brake Light Switch	57	-
26	-	58	-
27	-	59	Electronic Accelerator Pedal Sensor 2 Ground
28	A/C Switch	60	-
29	-	61	-
30	Electronic Accelerator Pedal Sensor 2	62	Turbo Pressure Sensor Temperature Signal
31	Fan Control (High)	63	ECU Ground 2
32	Anti-theft Input	64	ECU Ground 1

ECM (A) Terminal Definition

Terminal No.	Description	Terminal No.	Description
65	Air Bleed Valve	89	Knock Sensor B
66	-	90	Knock Sensor A
67	Cylinder 2 Injector	91	Intake Pressure Sensor
68	Cylinder 1 Injector	92	PWM Control
69	Variable Camshaft Timing Valve (Exhaust)	93	Camshaft Position Sensor 1
70	ERCV Valve	94	TEV Canister Solenoid
71	Variable Camshaft Timing Valve (Intake)	95	Intake Camshaft Position Sensor Ground
72	Cylinder 3 Injector	96	Engine Speed Sensor Signal
73	Upstream Oxygen Sensor Heater	97	-
74	Cylinder 4 Injector	98	+5 V Power Supply 1
75	Throttle Actuator (+)	99	Ignition Coil 3
76	Ignition Coil 4	100	Ignition Coil 1
77	Throttle position sensor 1	101	Engine Coolant Sensor
78	Throttle Position Sensor 2	102	Temperature Signal of Intake pressure/temperature sensor
79	-	103	-
80	Oxygen Sensor Ground	104	Upstream Oxygen Sensor
81	-	105	Exhaust Camshaft Position Sensor
82	-	106	Electrical Water Pump Signal
83	-	107	Throttle 5 V Power Supply
84	Engine Speed Sensor Ground	108	Engine Speed Sensor Power Supply
85	Intake Pressure/Temperature Sensor Ground	109	Intake Manifold 5 V Power Supply
86	Throttle Ground	110	Electronic Thermostat
87	Throttle Actuator	111	ECM Ground 4
88	Ignition Coil 2	112	ECM Ground 3

ECM (Engine Control Module) Terminal Definition (For D4G20 Model)**ECM (B) Terminal Definition**

Terminal No.	Description	Terminal No.	Description
1	CAN-H1	33	-
2	-	34	-
3	-	35	Ignition Switch
4	-	36	Electronic Accelerator Pedal Sensor 2 5 V Power Supply
5	Main Relay	37	Electronic Accelerator Pedal Sensor 1 5 V Power Supply
6	Clutch Switch	38	-
7	Electronic Accelerator Pedal Sensor 1 Ground	39	-
8	-	40	-
9	-	41	Fuel Pump Relay
10	-	42	-
11	-	43	Downstream Oxygen Sensor Ground
12	-	44	-
13	-	45	Electronic Accelerator Pedal Sensor 1
14	-	46	-
15	UBR Noncontinuous Power Supply	47	Analog Ground
16	UBR Noncontinuous Power Supply	48	Downstream Oxygen Sensor Heater
17	CAN-L1	49	-
18	Diagnosis K Line	50	-
19	5 V Power Supply 1	51	-
20	UBD Constant Power Supply	52	-
21	Downstream Oxygen Sensor	53	A/C High/Low Pressure Switch
22	-	54	-
23	Parking Brake Switch	55	-
24	A/C Compressor Medium Pressure Switch	56	Fan Control 1
25	Brake Light Switch	57	-
26	-	58	A/C Compressor Relay
27	-	59	Electronic Accelerator Pedal Sensor 2 Ground
28	A/C Switch	60	-
29	-	61	-
30	Electronic Accelerator Pedal Sensor 2	62	-
31	Fan Control 2	63	ECM Ground 2
32	Anti-theft Input	64	ECM Ground 1

ECM (A) Terminal Definition

Terminal No.	Description	Terminal No.	Description
65	-	89	Knock Sensor B
66	-	90	Knock Sensor A
67	Cylinder 2 Injector	91	Intake Pressure Sensor
68	Cylinder 1 Injector	92	-
69	Variable Camshaft Timing Valve (Exhaust)	93	Camshaft Position Sensor 1
70	Variable Intake Valve	94	TEV Canister Solenoid
71	Variable Camshaft Timing Valve (Intake)	95	Hall Sensor Ground
72	Cylinder 3 Injector 2	96	Engine Speed Sensor A
73	Upstream Oxygen Sensor Heater	97	Engine Speed Sensor B
74	Cylinder 4 Injector 3	98	+5 V Power Supply 1
75	Throttle Actuator (+)	99	Ignition Coil Drive 2
76	-	100	Ignition Coil Drive 1
77	Throttle Position Sensor 1	101	Engine Coolant Sensor
78	Throttle Position Sensor 2	102	Intake Temperature Signal
79	-	103	-
80	Oxygen Sensor Ground	104	Upstream Oxygen Sensor
81	-	105	Exhaust Camshaft Position Sensor
82	-	106	-
83	-	107	Throttle 5 V Power Supply
84	Analog Ground	108	-
85	Manifold Ground	109	Intake Manifold 5 V Power Supply
86	Throttle Ground	110	-
87	Throttle Actuator	111	ECM Ground 4
88	-	112	ECM Ground 3

BCM (Body Control Module) Terminal Definition**BCM (A) Terminal Definition**

Terminal No.	Description	Terminal No.	Description
A1	RR Welcome Lamp(Reserved)	A27	Dome Light Out
A2	FL Welcome Lamp	A28	Trunk Lamp Out
A3	Lin Signal(RSM)	A29	Defrost Out
A4	-	A30	Wiper_High Out
A5	-	A31	Wiper_High Out
A6	-	A32	Sensor IN(Reserved)
A7	-	A33	FR WIN SW In
A8	-	A34	FL WIN SW In
A9	-	A35	Trunk unlock In
A10	RL Door Ajar In	A36	Inhibit In
A11	-	A37	FR Door Ajar In
A12	RR Door Ajar In	A38	Reversing Signal
A13	Lock/Unlock ST In	A39	Brake SW In
A14	RL Welcome Lamp(Reserved)	A40	WIN Inhibit Indicator
A15	FR Welcome Lamp	A41	-
A16	LIN Signal(GSM)	A42	Wiper_Low Out
A17	Front Fog Out	A43	Low Beam Out
A18	High Beam Out	A44	Horn Out
A19	RR WIN SW In	A45	Ground
A20	Passenger FR WIN SW IN	A46	Turn Light IN
A21	Passenger RL WIN SW IN	A47	RL WIN SW In
A22	Passenger RR WIN SW IN	A48	Trunk Ajar In
A23	FL Door Ajar In	A49	Center Lock In
A24	Front Wiper Park In	A50	Center Unlock In
A25	-	A51	-
A26	Rear Wiper Park In	A52	Hood Ajar In

BCM (B) Terminal Definition

Terminal No.	Description	Terminal No.	Description
B1	Security Indicator Out(Reserved)	B13	Antenna(Reserved)
B2	CAN-L2	B14	Hazard Indicator Out
B3	CAN-L1	B15	CAN-H2
B4	LIN Signal(IMMO)	B16	CAN-H1
B5	ACC_IN	B17	IGN_ON
B6	Front Fog IN	B18	Key In
B7	Rear Fog IN	B19	Rear Wash In
B8	Front Wiper COL2 IN	B20	Front Wash In
B9	Rear DEFR IN	B21	Rear Wiper In
B10	Mirror Fold IN	B22	Front Wiper Col1 In
B11	Hazard IN	B23	Light IN
B12	High beam-Flash IN	B24	Wiper Sensitivity SW

BCM (C) Terminal Definition

Terminal No.	Description	Terminal No.	Description
C1	Power-3(REALY)	C8	WIN_RL_Up_Out
C2	Power-6(Lock/Unlock)	C9	WIN_RL_Down_Out
C3	Ground	C10	Power-1(WIN2)
C4	Ground	C11	WIN_FR_Up_Out
C5	WIN_RR_Down_Out	C12	WIN_FR_Down_Out
C6	WIN_RR_Up_Out	C13	WIN_FL_UP_Out
C7	Power-2(WIN1)	C14	WIN_FL_Down_Out

BCM (D) Terminal Definition

Terminal No.	Description	Terminal No.	Description
D1	R Turn LED Out(Reserved)	D7	-
D2	Unlock Out	D8	-
D3	Lock Out	D9	POWER-5(HSD)
D4	Trunk Unlock Out	D10	Rear_Wiper_Out
D5	Front Washer Out	D11	-
D6	L Turn LED Out(Reserved)	D12	Rear Wash Out

BCM (E) Terminal Definition

Terminal No.	Description	Terminal No.	Description
E1	-	E11	High-Brake lamp
E2	Mirror Unfold Out	E12	-
E3	Mirror Fold Out	E13	-
E4	L Turn Out	E14	L DRL Out
E5	R Turn Out	E15	R DRL Out
E6	Siren Out	E16	Battery Saver Out
E7	R PARK OUT	E17	Rear Fog Out
E8	L-R Brake Lamp Out	E18	-
E9	F Park+Backlight+	E19	-
E10	Gear Valves Out(Reserved)	E20	POWER-4(HSD)

ICM (Instrument Cluster Control Module) Terminal Definition

Terminal No.	Description	Terminal No.	Description
1	-	17	-
2	-	18	Parking Brake Signal Input
3	Power Supply Ground	19	Master Seat Belt Signal Input
4	ECO Switch Input	20	-
5	Fuel Sensor Ground	21	Fuel Signal Input
6	-	22	Fuel Auxiliary Signal Input
7	-	23	-
8	-	24	-
9	Oil Pressure Signal Input	25	-
10	-	26	Brake Fluid Level Signal Input
11	KL30	27	-
12	Backlight Illumination Input	28	-
13	KL15	29	CAN-L2
14	-	30	CAN-H2
15	-	31	Steering Wheel Key Input (Menu/ Setting)
16	Battery Charging/Discharging Signal Input	32	-

PEPS Control Module Terminal Definition**PEPS (J1) Terminal Definition**

Terminal No.	Description	Terminal No.	Description
J101	Battery Power Supply	J109	Clutch Bottom Switch
J102	IG1 Relay Drive (High)	J110	Starter Relay Inspection
J103	ACC Relay Drive (High)	J111	Ignition Signal
J104	-	J112	Brake Switch Signal
J105	CAN-L1	J113	Starter Relay (High)
J106	CAN-H1	J114	Gear Position Signal
J107	Hard Wire Speed Signal	J115	-
J108	-	J116	GND

PEPS (J2) Terminal Definition

Terminal No.	Description	Terminal No.	Description
J201	Immobilizer Coil Positive	J209	-
J202	Immobilizer Coil Negative	J210	Engine Switch Ground
J203	Engine Switch Indicator (Green)	J211	Engine Switch 1
J204	Engine Switch Backlight (White)	J212	-
J205	Engine Switch Indicator (Amber)	J213	Engine Switch 2
J206	Low Frequency Antenna 1 Negative	J214	Low Frequency Antenna 1 Positive
J207	Low Frequency Antenna 2 Negative	J215	Low Frequency Antenna 3 Negative
J208	Low Frequency Antenna 2 Positive	J216	Low Frequency Antenna 3 Positive

PEPS (J3) Terminal Definition

Terminal No.	Description	Terminal No.	Description
J301	Back Door Unlock Signal	J305	-
J302	Front Left Door Handle Sensor (Low Frequency Antenna) Negative	J306	Front Right Door Handle Sensor (Low Frequency Antenna) Negative
J303	Front Left Door Handle Sensor (Low Frequency Antenna) Positive	J307	Front Right Door Handle Sensor (Low Frequency Antenna) Positive
J304	Back Door Low Frequency Antenna Negative	J308	Back Door Low Frequency Antenna Positive

PEPS (J4) Terminal Definition

Terminal No.	Description	Terminal No.	Description
J401	Electric Steering Column Lock Module Control Ground	J406	Electric Steering Column Lock Power Source
J402	-	J407	-
J403	Electric Steering Column Lock Ground	J408	Ground
J404	Electric Steering Column Lock Control Line	J409	-
J405	-	J410	IG1 Power Supply

A/C Control Module Terminal Definition**Automatic A/C Control Module Terminal Definition**

Terminal No.	Description	Terminal No.	Description
1	Inner and Outer Circulation Motor	21	Left Mixed Damper Motor
2	Inner and Outer Circulation Motor	22	–
3	Inner and Outer Circulation Motor	23	–
4	Inner and Outer Circulation Motor	24	KL30
5	Mode Damper Motor	25	–
6	Mode Damper Motor	26	+5V
7	Mode Damper Motor	27	–
8	Mode Damper Motor	28	Blower Feedback
9	Ignition Switch (ON/START)	29	Blower Speed Ctrl
10	CAN-L2	30	Blower+FB
11	CAN-H2	31	-
12	–	32	Outside Temperature Sensor
13	Blower Relay Coil	33	Evaporator Temperature Sensor
14	Right Mixed Damper Motor	34	Left Room Temperature Senso
15	Right Mixed Damper Motor	35	Right Temperature Sensor
16	Right Mixed Damper Motor	36	Solar Sensor-L
17	Right Mixed Damper Motor	37	Solar Sensor-R
18	Left Mixed Damper Motor	38	-
19	Left Mixed Damper Motor	39	Temperature Sensor Ground
20	Left Mixed Damper Motor	40	Outside Temperature Sensor Ground

SRS Control Module Terminal Definition

Terminal No.	Description	Terminal No.	Description
1	Left Curtain Airbag+	26	-
2	Left Curtain Airbag-	27	-
3	Right Curtain Airbag-	28	-
4	Right Curtain Airbag+	29	-
5	KL15	30	Passenger Buckle Switch
6	KL31	31	-
7	-	32	-
8	-	33	CAN-L1
9	-	34	CAN-H1
10	Driver Airbag+	35	-
11	Driver Airbag-	36	-
12	Left Side Collision Sensor +	37	Left Side Collision Sensor -
13	Passenger Airbag +	38	-
14	Passenger Airbag-	39	-
15	-	40	Passenger Present Detective
16	Left side airbag-	41	-
17	Left side airbag+	42	-
18	Right side airbag+	43	-
19	Right side airbag-	44	-
20	Right Side Collision Sensor +	45	Right Side Collision Sensor -
21	-	46	-
22	Belt Pretensioner Driver+	47	-
23	Belt Pretensioner Driver -	48	-
24	Belt Pretensioner Passenger-	49	Belt Pretensioner Rear Left -
25	Belt Pretensioner Passenger +	50	Belt Pretensioner Rear Left +

ABS/ESP Control Module Terminal Definition

Terminal No.	Description	Terminal No.	Description
1	Power Supply Terminal of Motor (Positive)	20	Yaw Rate Sensor Signal
2	Wheel Speed Output (Front Right)	21	-
3	-	22	-
4	Signal Terminal of Wheel Speed Sensor (Front Right)	23	-
5	-	24	-
6	-	25	Power Supply Terminal of Valve Relay
7	-	26	CAN-H1
8	Signal Terminal of Wheel Speed Sensor (Front Left)	27	-
9	-	28	Power Supply Terminal of ECU (Ignition Power Supply Wire)
10	-	29	Signal Terminal of Wheel Speed Sensor (Rear Right)
11	-	30	Brake Light Switch
12	ESP OFF Switch	31	Power Supply Terminal of Wheel Speed Sensor (Rear Left)
13	Ground Terminal of Motor	32	-
14	CAN-L1	33	-
15	-	34	-
16	Power Supply Terminal of Wheel Speed Sensor (Front Right)	35	-
17	Power Supply Terminal of Wheel Speed Sensor (Rear Right)	36	-
18	Signal Terminal of Wheel Speed Sensor (Rear Left)	37	-
19	Power Supply Terminal of Wheel Speed Sensor (Front Left)	38	Ground Terminal of ECU

TCU (Transmission Control Unit) Terminal Definition (For CVT)

Terminal No.	Description	Terminal No.	Description
1	-	29	-
2	-	30	Shift Solenoid Lock
3	Solenoid Power Feedback	31	TCU Relay
4	-	32	Clutch Solenoid
5	Ground	33	Torque Converter Solenoid
6	Brake Switch 1	34	Output Pulley Oil Pressure Solenoid
7	Brake Switch 2	35	Input Pulley Oil Pressure Solenoid
8	Primary Shaft Pressure Sensor Power	36	Secondary Shaft Pressure Sensor Power
9	-	37	-
10	Primary Shaft Pressure Sensor Ground	38	-
11	Primary Shaft Pressure Sensor Signal	39	-
12	Secondary Shaft Pressure Sensor Signal	40	-
13	Secondary Shaft Pressure Sensor Ground	41	CAN-H1
14	Reverse Gear Switch	42	CAN-L1
15	P Gear Switch	43	Shift-up Switch
16	Neutral Switch	44	Shift-down Switch
17	D Gear Switch	45	Manual Mode Switch
18	Low Speed Gear Switch	46	KL15
19	Secondary Shaft Speed Sensor Ground	47	Oil Temperature Sensor Signal
20	Oil Temperature Sensor Ground	48	P/N Feedback
21	Turbine Speed Sensor Ground	49	Gear position switch power supply feedback
22	Turbine Speed Sensor Signal	50	Secondary Shaft Speed Sensor Signal
23	Primary Shaft Speed Sensor Ground	51	Primary Shaft Speed Sensor Signal
24	Ground	52	-
25	Ground	53	-
26	Ground	54	Secondary Shaft Speed Sensor Power
27	Primary Shaft Speed Sensor Power	55	Turbine Speed Sensor Power
28	KL15	56	Power Supply

TCU (Transmission Control Unit) Terminal Definition A (For DCT)

Terminal No.	Description	Terminal No.	Description
1	Power Supply	30	-
2	Ground	31	KL15
3	Power Supply	32	-
4	Ground	33	-
5	Power Supply	34	CAN-H1
6	Ground	35	CAN-L1
7	-	36	-
8	-	37	-
9	Shift-up Switch	38	-
10	Shift-down Switch	39	-
11	-	40	-
12	-	41	-
13	-	42	-
14	-	43	-
15	-	44	-
16	-	45	-
17	-	46	-
18	Power Supply	47	-
19	-	48	-
20	-	49	P Position Solenoid Valve Lock
21	Brake Switch Signal	50	-
22	-	51	-
23	-	52	-
24	-	53	-
25	-	54	-
26	Power Supply	55	-
27	Ground	56	-
28	-	57	-
29	-	58	-

TCU (Transmission Control Unit) Terminal Definition B (DCT)

Terminal No.	Description	Terminal No.	Description
1	Phase_W_Clutch_2	30	-
2	Phase_U_Clutch_2	31	-
3	Phase_V_Clutch_2	32	Hall_1_clutch_motor_1
4	Phase_W_Clutch_1	33	-
5	Phase_V_Clutch_1	34	5v_supply_TRS
6	Phase_U_Clutch_1	35	GNO_TRS
7	-	36	-
8	ISS2_input_speed3	37	-
9	-	38	-
10	ISS1_input_speed_DIR	39	-
11	-	40	-
12	ISS2_speed_sensor_supply	41	-
13	-	42	Hall_2_clutch_motor_2
14	-	43	Hall_1_clutch_motor_2
15	-	44	Hall_3_clutch_motor_2
16	-	45	Hall_3_clutch_motor_1
17	-	46	-
18	-	47	-
19	Hall_2_clutch_motor_1	48	-
20	-	49	-
21	ISS1_speed_sensor_supply	50	-
22	-	51	-
23	-	52	-
24	TRS1_input	53	-
25	TRS2_input	54	-
26	-	55	5V_supply_clutch_2
27	-	56	GND_clutch_2
28	-	57	GND_clutch_1
29	-	58	5V_supply_clutch_1

Reversing Radar Control Module Terminal Definition**For 4 Sensors Model**

Terminal No.	Description	Terminal No.	Description
1	-	9	-
2	-	10	-
3	Radar Control Module Power Supply	11	Sensor Power Supply
4	Rear Right Center Sensor	12	Sensor Ground
5	CAN-H2	13	CAN-L2
6	-	14	-
7	Rear Left Sensor	15	Rear Right Sensor
8	Rear Left Center Sensor	16	Ground

For 8 Sensors Model

Terminal No.	Description	Terminal No.	Description
1	-	13	-
2	-	14	-
3	Radar Control Module Power Supply	15	Rear Right Sensor
4	Rear Right Center Sensor	16	Ground
5	CAN-H2	17	Front Left Sensor
6	CAN-L2	18	Front Left Center Sensor
7	Rear Left Sensor	19	Front Right Center Sensor
8	Rear Left Center Sensor	20	Front Right Sensor
9	-	21	-
10	-	22	PAS Switch
11	Sensor Power Supply	23	State Indicator
12	Sensor Ground	24	-

Around View Monitor Terminal Definition

Terminal No.	Description	Terminal No.	Description
1	Video Output Signal Ground	21	Video Output Signal
2	Rear Camera Video Signal	22	Rear Camera Video Ground
3	Rear Camera Power Supply	23	Rear Camera Power Supply Ground
4	Front Camera Video Signal	24	Front Camera Video Ground
5	Front Camera Power Supply	25	Front Camera Power Supply Ground
6	Right Camera Video Signal	26	Right Camera Video Ground
7	Right Camera Power Supply	27	Right Camera Power Supply Ground
8	Left Camera Video Signal	28	Left Camera Video Ground
9	Left Camera Power Supply	29	Left Camera Power Supply Ground
10	-	30	-
11	-	31	-
12	-	32	-
13	-	33	-
14	-	34	-
15	CAN-L2	35	CAN-H2
16	-	36	-
17	-	37	-
18	-	38	-
19	IGN (For Logic Judgment)	39	Switch/Single Touch/Low Effective
20	AVM Power Supply	40	P Position Solenoid Valve Lock

