

TERMINALS OF ECU

LHD models



T

I20417

Terminal No. (Symbols)	Wiring color	Condition	STD voltage (V)
D27-1 - D27-6 (SLD- - GND)	R-B - W-B	Seat moved rearward using slide switch	10 - 14V
		Others	Below 1V
D27-2 - D27-6 (FRV- - GND)	L - W-B	Seat lowered using front vertical switch	10 - 14V
		Others	Below 1V
D27-3 - D27-6 (H- - GND)	R-L - W-B	Headrest moved downward using headrest switch	10 - 14V
		Others	Below 1V
D27-4 - D27-6 (RRV- - GND)	W - W-B	Seat lowered using lifter switch	10 - 14V
		others	Below 1V
D27-5 - D27-6 (FRV+ - GND)	R - W-B	Seat raised using front vertical switch	10 - 14V
		Others	Below 1V
D27-6 - Body ground (GND - Body ground)	W-B - Body ground	Constant	Below 1V
D27-7 - D27-6 (C+ - GND)	B-W - W-B	Seat cushion moved upward using headrest switch	10 - 14V
		Others	Below 1V
D27-8 - D27-6 (SLD+ - GND)	B - W-B	Seat moved forward using slide switch	10 - 14V
		Others	Below 1V
D27-9 - D27-6 (RRV+ - GND)	B-R - W-B	Seat raised using lifter switch	10 - 14V
		Others	Below 1V
D27-10 - D27-6 (RCL- - GND)	L-R - W-B	Seat moved rearward using reclining switch	10 - 14V
		Others	Below 1V
D27-11 - D27-6 (C- - GND)	Y - W-B	Seat cushion moved downward using headrest switch	10 - 14V
		Others	Below 1V
D27-12 - D27-6 (H+ - GND)	B-W - W-B	Headrest moved upward using headrest switch	10 - 14V
		Others	Below 1V
D27-13 - D27-6 (RCL+ - GND)	L - W-B	Seat moved forward using reclining switch	10 - 14V
		Others	Below 1V
D27-14 - D27-6 (+B - GND)	B-R - W-B	Constant	10 - 14V
D28-1 - Body ground (SGND - Body ground)	BR - Body ground	Constant	Below 1V

DIAGNOSTICS - POWER SEAT CONTROL SYSTEM

D28-4 - D28-1 (CSNR - SGND)	Y-B - BR	Seat cushion switch REAR	Below 1V
		Seat cushion switch FRONT	10 - 14V
D28-5 - D28-1 (SSRS - SGND)	LG - BR	Slide operation	0 - 8V
D28-6 - D28-1 (SSRV - SGND)	LG-B - BR	Lifter operation	0 - 8V
D28-7 - D28-1 (SSRH - SGND)	O - BR	Headrest operation	0 - 8V
*D28-8 (IDL)	W	Climate control seat ECU communication circuit	-
D28-9 - D28-1 (SYSB - SGND)	V-Y - BR	Constant	10 - 14V
D28-10 - D28-1 (IG - SGND)	R-L - BR	Ignition switch ON	10 - 14V
D28-11 (MPX1)	P-L	Multiplex communication circuit	-
D28-12 - D28-1 (CSNF - SGND)	Y - BR	Seat cushion switch FRONT	Below 1V
		Seat cushion switch REAR	10 - 14V
D28-13 - D28-1 (SSRR - SGND)	GR - BR	Reclining operation	0 - 8V
D28-14 - D28-1 (SSFV - SGND)	LG-R - BR	Front vertical operation	0 - 8V
D28-15 - D28-1 (SSRC - SGND)	GR-R - BR	Seat cushion operation	0 - 8V
D28-16 - D28-1 (PVCC - SGND)	V-W - BR	Power seat operation	8V

*: w/ Climate Control Seat

RHD models



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I20417

Terminal No. (Symbols)	Wiring color	Condition	STD voltage (V)
D27-1 - Body ground (GND - Body ground)	W-B - Body ground	Constant	Below 1V
D27-2 - D27-1 (FRV+ - GND)	R - W-B	Seat raised using front vertical switch	10 - 14V
		Others	Below 1V
D27-3 - D27-1 (RRV- - GND)	W - W-B	Seat lowered using front lifter switch	10 - 14V
		Others	Below 1V
D27-4 - D27-1 (H- - GND)	R-L - W-B	Headrest moved downward using headrest switch	10 - 14V
		Others	Below 1V
D27-5 - D27-1 (FRV- - GND)	L - W-B	Seat lowered using front vertical switch	10 - 14V
		others	Below 1V
D27-6 - D27-1 (SLD- - GND)	R-B - W-B	Seat moved rearward using slide switch	10 - 14V
		Others	Below 1V
D27-7 - D27-1 (+B - GND)	B-R - W-B	Constant	10 - 14V
D27-8 - D27-1 (RCL+ - GND)	L - W-B	Seat moved forward using reclining switch	10 - 14V
		Others	Below 1V
D27-9 - D27-1 (H+ - GND)	B-W - W-B	Headrest moved upward using headrest switch	10 - 14V
		Others	Below 1V
D27-10 - D27-1 (C- - GND)	Y - W-B	Seat cushion moved downward using headrest switch	10 - 14V
		Others	Below 1V
D27-11 - D27-1 (RCL- - GND)	L-R - W-B	Seat moved rearward using reclining switch	10 - 14V
		Others	Below 1V
D27-12 - D27-1 (RRV+ - GND)	B-R - W-B	Seat raised using lifter switch	10 - 14V
		Others	Below 1V
D27-13 - D27-1 (SLD+ - GND)	B - W-B	Seat moved forward using slide switch	10 - 14V
		Others	Below 1V
D27-14 - D27-1 (C+ - GND)	B-W - W-B	Seat cushion moved upward using headrest switch	10 - 14V
		Others	Below 1V
*D28-1 (IDL)	W	Climate control seat ECU communication circuit	-
D28-2 - D28-8 (SSRH - SGND)	O - BR	Headrest operation	0 - 8V

DIAGNOSTICS - POWER SEAT CONTROL SYSTEM

D28-3 - D28-8 (SSRV - SGND)	LG-B - BR	Lifter operation	0 - 8V
D28-4 - D28-8 (SSRS - SGND)	LG - BR	Slide operation	0 - 8V
D28-5 - D28-8 (CSNR - SGND)	Y-B - BR	Seat cushion switch REAR	Below 1V
		Seat cushion switch FRONT	10 - 14V
D28-8 - Body ground (SGND - Body ground)	BR - Body ground	Constant	Below 1V
D28-9 - D28-8 (PVCC - SGND)	V-W - BR	Power sear operation	8V
D28-10 - D28-8 (SSRC - SGND)	GR-R - BR	Seat cushion operation	0 - 8V
D28-11 - D28-8 (SSFV - SGND)	LG-R - BR	Front vertical operation	0 - 8V
D28-12 - D28-8 (SSRR - SGND)	GR - BR	Reclining operation	0 - 8V
D28-13 - D28-8 (CSNF - SGND)	Y - BR	Seat cushion switch FRONT	Below 1V
		Seat cushion switch REAR	10 - 14V
D28-14 (MPX1)	P-L	Multiplex communication circuit	-
D28-15 - D28-8 (IG - SGND)	R-L - BR	Ignition switch ON	10 - 14V
D28-16 - D28-8 (YSB - SGND)	V-Y - BR	Constant	10 - 14V

*: w/ Climate Control Seat