

## PASTA1.0 CAN-ID List (The data is arranged in big-endian order.)

Chassis
Power Train
Body

\* Gray-colored items are not installed.

Source	Execution	ID	HEX	Name	Level	Type	Period (ms)	Event	Data Length	OFF/Min.	ON/Max.	Unit	
Chassis	Power Train	26	01A	Brake Operation Indicator	Command	Operation	10		2	0	1023	%	(256A+B)/1023
Power Train	Chassis	36	024	Brake Output Indicator	Report	Output	10		2	0	1023	%	
Power Train	Chassis	326	146	Brake Oil Indicator	Report	Dummy	50		2	0	1023	%	
Power Train	Chassis	336	150	Brake Worn Out Warning, Icy Road Warning	Warning	Dummy	50		1	00	01,02,03	ON/OFF	A-40, B-40 A/255
Power Train	Chassis	346	15A	Anti-lock Brake Operation	Report	Dummy	50		1	00	01	ON/OFF	
Power Train	Chassis	356	164	Brake Pad Temperature, Tire Temperature	Report	Dummy	50		2	0,0	255,255	°C	
Power Train	Chassis	926	39E	Electricity generated by Regenerative Brake	Report	Dummy	500		1	0	255	%	A-40 A-40
Chassis	Power Train	47	02F	Accelerator Pedal Operation Indicator	Command	Operation	10		2	0	1023	%	
Power Train	Chassis	57	039	Throttle Position	Report	Output	10		2	0	1023	%	
Power Train	Chassis	367	16F	Throttle Adjustment	Report	Output	50		2	0	1023	%	A-40 A-40
Power Train	Chassis	67	043	Engine RPM, Speed	Report	Measurement	10		4	0/-32767	65535/32767	rpm.km/h	
Power Train	Chassis	377	179	Fuel Consumption Rate, Air-fuel Mixture Ratio	Report	Dummy	50		2	0,0	255,255	%	
Power Train	Chassis	387	183	Engine Cooling Water Temperature	Report	Dummy	50		1	0	255	°C	A-40 A-40
Power Train	Chassis	937	3A9	Outdoor Temperature, Exhaust Temperature	Report	Dummy	500		2	0/0	255/255	°C	
Power Train	Chassis	947	3B3	Toxic Exhaust Gas Concentration, Particulates Concentration	Report	Dummy	500		2	0/0	255/255	%	
Power Train	Chassis	957	3BD	Engine Oil Indicator	Report	Dummy	500		1	0	255	%	((256A+B)-511)/511
Power Train	Chassis	967	3C7	Ignition Failure, Ignition Timing Abnormality	Report	Dummy	500		2	00/00	0F/0F	ON/OFF	
Power Train	Chassis	397	18D	Engine Malfunction	Alert	Dummy	50		1	00	FF	ON/OFF	
Chassis	Power Train	88	058	Steering Wheel Operation Position	Command	Operation	10		2	-511	511	%	((256A+B)-511)/511
Power Train	Chassis	98	062	Power Steering Output Indicator	Report	Output	10		2	0	100	%	
Power Train	Chassis	408	198	Power Steering Malfunction	Warning	Dummy	50		1	00	01	ON/OFF	
Power Train	Chassis	418	1A2	Anti Skid Brake System	Warning	Dummy	50		1	00	01	ON/OFF	
Chassis	Power Train	109	06D	Shift Position Switch	Command	Operation	10		1	00	10,20	ON/OFF	
Power Train	Chassis	119	077	Shift Position	Report	Output	10		1	00	01,02,04,08,10	ON/OFF	
Power Train	Chassis	429	1AD	Transmission Malfunction	Warning	Dummy	50		1	00	01,02,04,08,10	ON/OFF	
Chassis	Power Train	440	1B8	Engine Start Button	Command	Operation	50		1	00	01	ON/OFF	
Power Train	Chassis	410	19A	Engine Status	Report	Output	50		1	00	01	ON/OFF	
Power Train	Chassis	980	3D4	Fuel Amount	Warning	Dummy	500		1	00	40	L	
Power Train	Chassis	990	3DE	Battery Warning	Warning	Dummy	500		1	00	01	ON/OFF	
Chassis	Body	131	083	Right/Left Turn Signal, Hazard Switch	Command	Operation	10		1	00	01,02,04	ON/OFF	
Body	Chassis	141	08D	Turn Signal Indicator	Report	Output	10		1	00	01,02,03	ON/OFF	
Body	Chassis	1001	3E9	Light Bulb burned out Warning	Warning	Dummy	500		1	00	01,02,03	ON/OFF	
Chassis	Body	152	098	Horn Switch	Command	Operation	10		1	00	01	ON/OFF	
Body	Chassis	162	0A2	Horn Operation	Report	Output	10		1	00	01	ON/OFF	
Body	Chassis	1012	3F4	Horn Malfunction	Warning	Dummy	500		1	00	01	ON/OFF	
Chassis	Body	423	1A7	Position/Head Lights/High Beam Switch	Command	Operation	50		1	00	01,02,04	ON/OFF	
Chassis	Body	433	1B1	Headlight Flashing Switch	Command	Operation	50		1	00	08	ON/OFF	
Body	Chassis	443	1BB	Position/Head Lights/High Beam Indicator	Report	Output	50		1	00	01,02,04,08	ON/OFF	
Body	Chassis	1023	3FF	Light Bulb burned out, Bulb Control Malfunction	Warning	Dummy	500		1	00	01,02,04,08	ON/OFF	
Chassis	Body	604	25C	Front Wiper/Intermittent/LOW/HIGH/Washer Switch	Command	Operation	100		1	00	01,02,04,10	ON/OFF	
Body	Chassis	614	266	Front Wiper/Intermittent/LOW/HIGH/Washer Status	Report	Output	100		1	00	01,02,04,10	ON/OFF	

Body	Chassis	1034	40A	Motor/Pump Malfunction	Warning	Dummy	500		1	00	01.02.04.10	ON/OFF
Chassis	Body	625	271	Rear Wiper/Washer Switch	Command	Operation	100		1	00	01.02.03	ON/OFF
Body	Chassis	635	27B	Rear Wiper/Washer Status	Report	Output	100		1	00	01.02.03	ON/OFF
Body	Chassis	1045	415	Motor/Pump Malfunction	Warning	Dummy	500		1	00	01.02.03	ON/OFF
Chassis	Body	646	286	Doors Lock Switch / Unlock Switch	Command	Operation	100		1	00	01.02.03	ON/OFF
Body	Chassis	656	290	Doors Open/Close, Locked/Unlocked Indicator	Report	Output	100		2	00/00	01.02.03/01.02.03	ON/OFF
Body	Chassis	1056	420	Door Lock Drive Unit Malfunction	Warning	Dummy	500		1	00	01.02.03	ON/OFF
Chassis	Power Train	457	1C9	Parking Brake	Command	Operation	50		1	00	01	ON/OFF
Power Train	Chassis	467	1D3	Parking Brake Status	Report	Output	50		1	00	01	ON/OFF
Power Train	Chassis	1067	42B	Parking Brake Warning	Warning	Dummy	500		1	00	01	ON/OFF
Chassis	Body	668	29C	Right Door/Window Lifting Switch	Command	Operation	100		1	00	01.02	ON/OFF
Body	Chassis	678	2A6	Right Door/Window Position, Limit Switch Status	Report	Output	100		2	00/0	01.02/255	ON/OFF,%
Body	Chassis	1078	436	Right Door/Window Motor Malfunction	Warning	Dummy	500		1	00	01.02	ON/OFF
Chassis	Body	689	2B1	Left Door/Window Lifting Switch	Command	Operation	100		1	00	01.02	ON/OFF
Body	Chassis	699	2BB	Left Door/Window Position, Limit Switch Status	Report	Output	100		2	00/0	01.02/255	ON/OFF,%
Body	Chassis	1089	441	Left Door/Window Motor Malfunction	Warning	Dummy	500		1	00	01.02	ON/OFF
Body	Chassis	180	0B4	Airbag Activation Switch	Report	Dummy	10		1	00	01	ON/OFF
Body	Chassis	1100	44C	Airbag Malfunction	Warning	Dummy	500		1	00	01	ON/OFF
Body	Chassis	1111	457	Seat Belt Sensor	Report	Dummy	500		1	00	01	ON/OFF
Body	Chassis	1121	461	Seat Belt Alarm	Warning	Dummy	500		1	00	01	ON/OFF
Body	Chassis	1132	46C	Bonnet(Hood) Open/Close Switch	Report	Dummy	500		1	00	01	ON/OFF
Body	Chassis	1143	477	Trunk Open/Close Switch	Report	Dummy	500		1	00	01	ON/OFF
Power Train	Chassis	1154	482	Eco-driving Judgement	Report	Dummy	500		1	00	01	ON/OFF

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