



# Shenzhen Xtooltech Co., Ltd

## NISSAN Function List V11.80

### Tips and Instructions:

The programming function only supports H6PRO, H6PRO Master Edition products.

\* This feature is new.

√ This feature is supported.

This feature is not supported.

※ This feature is partially supported.

Model	Model Series	Control Unit Groups	System Name	Read ECU Information	Read Trouble Code	Clear Trouble Code	Live Data	Read Freeze Frame	Actuation Test	Special Functions	Coding	Program
		Engine	Engine	√	√	√	√		1-266	197-303		
		Brakes	ABS	√	√	√	√		227-292	1-21		
		Electrical	Meter/M&A	※	√	√	√		293-315			
		Body & Vehicle Security	BCM	※	√	√	√		316-428	48-175		
		Suspension	SRS	√	√	√	※			328-335		
		Cruise Control	ICC/ADAS	√	√	√	√		429-447	366-369		
		Ventilation, Heater & Air	HVAC	√	√	√	√		448-449	307-326		
		Transmission & Driveline	Transmission	√	√	√	√		450-489	22-47		
		Electrical	Multi AV	※	√	√	√		490-495	192-196		
		Transmission & Driveline	EHS/PKB	√	√	√	√					
		Transmission & Driveline	Motor control	√	√	√	√					
		Steering	EPS/DAST 3	√	√	√	√			187, 188		
		E-Powertrain	IPDM E/R		√	√	√		496-530			
		Body & Vehicle Security	Air pressure monitor	√	√	√	√		531-533			
		SRS	BAC	√	√	√	√					
		Electrical	SUB meter		√	√						
		Body & Vehicle Security	Convertible roof	√	√	√	√		534-546			
		Electrical	Head lamp levelizer	√	√	√	√		547	327		
		E-Powertrain	E-4wd	√	√	√	√		548-552			
		LAN System/Cruise Control	Laser/radar	√	√	√	√					
		Body & Vehicle Security	Intelligent key	√	√	√	√		553-571	349-363		
		Electrical	DIU		√	√	√					
		Body & Vehicle Security	Auto slide door	√	√	√	√		572			
		SRS	Preocrash seatbelt	√	√	√	√			365		
		Body & Vehicle Security	Auto drive position	√	√	√	√		573-583			
		E-Powertrain	All mode AWD/4WD	√	√	√	√		584-487	341-346		
		Brakes	Difference lock	√	√	√	√					

	Transmission & Driveline	4WAS (MAIN) /RAS/HICAS	✓	✓	✓	✓				
	LAN System	Sonar	✓	✓	✓	✓	588-595	179-185		
	LAN System/Cruise Control	Lane camera	✓	✓	✓	✓	596-601			
	Electrical	Adaptive light	✓	✓	✓	✓	602-606			
	Body & Vehicle Security	Auto slide door right	✓	✓	✓	✓	607			
	LAN System	CAN gateway	✓	✓	✓	✓				
	Electrical	Shift	✓	✓	✓	✓				
	E-Powertrain	EV/HEV	✓	✓	✓	✓	608-631			
	E-Powertrain	Pop up hood	✓	✓	✓	✓				
	Driver Controls	Auto back door	✓	✓	✓	✓		370		
	Steering	4WAS (front)	✓	✓	✓	✓				
	Suspension	E-SUS	✓	✓	✓	✓	632-637	189-191		
	LAN System	Accele pedal ACT	✓	✓	✓	✓	638-639			
	E-Powertrain	HV battery	✓	✓	✓	✓	640-641			
	Electrical	Total illum C/U	✓			✓	642-651	371-378		
	Body & Vehicle Security	Occupant detection				✓				
	Electrical	SmFOB	✓	✓	✓					
	Brakes	Brake	✓	✓	✓	✓	652			
	LAN System/Cruise Control	Side radar left	✓	✓	✓	✓		379		
	发动机	ANC	✓	✓	✓	✓	653			
	Electrical	Multi display		✓	✓	✓	654			
	LAN System/Cruise Control	Side radar right	✓	✓	✓	✓		364		
	Brakes	ADCM	✓	✓	✓	✓				
	Ventilation, Heater & Air	PTC heater	✓	✓	✓	✓	655-656			
	E-Powertrain	Charger/PD module	✓	✓	✓	✓	657-661			
	Driver Controls	Telematics	✓	✓	✓	✓		176-178		
	Transmission & Driveline	HAS	✓	✓	✓	✓				
	E-Powertrain	EMCM	✓	✓	✓	✓				
	Driver Controls	SVT	✓	✓	✓	✓				
	LAN System/Cruise Control	BSW/buzzer	✓	✓	✓	✓	662-667			
	LAN System/Cruise Control	AVM	✓	✓	✓	✓	668-674	336-340		
	Body & Vehicle Security	CHASSIS CONTROL	✓	✓	✓	✓	675-696			
	Steering	DAST 1	✓	✓	✓	✓				
	Steering	DAST 2	✓	✓	✓	✓				
	LAN System/Cruise Control	HIGH BEAM ASSIST	✓	✓	✓	✓				
	LAN System/Cruise Control	CIU	✓	✓	✓	✓	697-698	304		
	LAN System/Cruise Control	MM CONN	✓	✓	✓	✓				
	LAN System/Cruise Control	ICC/ADAS 2	✓	✓	✓	✓				
	Driver Controls	Lane camera 2	✓	✓	✓	✓				
	Body & Vehicle Security	Cluster	✓	✓	✓	✓	699-703			
	Body & Vehicle Security	Nats immu		✓	✓					
	Body & Vehicle Security	Smart entrance		✓	✓	✓				

	Suspension	Air levelizer	✓	✓	✓	✓		704-706		
	Driver Controls	Rearview camera	✓			✓			305, 306	
	Driver Controls	S/blind camera	✓			✓				
	Engine	Active engine mount	✓	✓	✓	✓				
	Suspension	Active suspense system	✓	✓	✓	✓				
	LAN System/Cruise Control	ASCD		✓	✓	✓				
	LAN System/Cruise Control	HANDS FREE MODULE	✓	✓	✓	✓				
	Cruise Control	Distance control	✓	✓	✓	✓				
	Transmission & Driveline	Motor assist		✓	✓	✓			186	
	Driver Controls	IVMS	✓	✓	✓	✓				
	Steering	TCS	✓	✓	✓	✓				
	E-Powertrain	CHA	✓	✓	✓	✓		707-712		
	Driver Controls	VSP	✓	✓	✓	✓				
	Transmission & Driveline	FSCM	✓	✓	✓	✓				
	Body & Vehicle Security	PMAS	✓	✓	✓	✓				
	LAN System/Cruise Control	RADIO	✓	✓	✓	✓		713-718	347, 348	
	Body & Vehicle Security	Left front door control unit	✓	✓	✓	✓				
	Body & Vehicle Security	Right front door control unit	✓	✓	✓	✓				
	Body & Vehicle Security	Siren control unit	✓	✓	✓	✓				
	Body & Vehicle Security	Alarm siren	✓			✓				
	Body & Vehicle Security	Passenger seat control unit	✓	✓	✓	✓				
	E-Powertrain	Intelligent Battery Sensor	✓							
	Electrical	Upper control panel cont unit	✓							
	Driver Controls	EC Mirror Compass	✓							
	Driver Controls	Universal Garage Door Opener	✓							
	Body & Vehicle Security	Light/Rain Sensor Module	✓	✓						
	Body & Vehicle Security	Overhead Control panel unit	✓							
	Transmission & Driveline	Electronic Ignition Switch cont unit	✓	✓	✓	✓				
	Body & Vehicle Security	Trailer recognition control unit	✓	✓	✓	✓				
	Body & Vehicle Security	Occupant Classification unit	✓	✓						
	Body & Vehicle Security	ICC sensor	✓	✓	✓	✓				
	Brakes	Parking assist	✓	✓	✓	✓				
	Steering	Steering column cont module	✓	✓	✓					
	Driver Controls	Steering Wheel Switch Pad	✓			✓				
	Body & Vehicle Security	Radar sensor	✓	✓	✓	✓				
	Body & Vehicle Security	LED H/L control module RH	✓			✓				
	Body & Vehicle Security	LED H/L control module LH	✓			✓				
	LAN System/Cruise Control	Side radar RH	✓	✓	✓	✓				
	LAN System/Cruise Control	Side radar LH	✓	✓	✓	✓				
	Body & Vehicle Security	Front camera unit	✓	✓	✓	✓				
	E-Powertrain	Powertrain cont module	✓	✓	✓	✓				

	Driver Controls	H/L control module RH	✓	✓	✓	✓					
	Driver Controls	H/L control module LH	✓	✓	✓	✓					
	Transmission & Driveline	GENRTR	✓	✓	✓	✓					
	LAN System/Cruise Control	3ch CAN GATEWAY	✓	✓	✓	✓					
	LAN System/Cruise Control	6ch CAN GATEWAY	✓	✓	✓	✓					
	LAN System/Cruise Control	Vehicle data transmitter	✓	✓	✓	✓					
	E-Powertrain	HV BATTERY 2	✓	✓	✓	✓					
	(TBD) Audio Amplier Unit	(TBD) Audio Amplier Unit	✓	✓	✓	✓					
	(TBD) A-IVC (Renault common)	(TBD) A-IVC (Renault common)	✓	✓	✓	✓					
	(TBD) IVC for map	(TBD) IVC for map	✓	✓	✓	✓					
	(TBD) eCall	(TBD) eCall	✓	✓	✓	✓					
	(TBD) DMC	(TBD) DMC	✓	✓	✓	✓					
	(TBD) HDmap	(TBD) HDmap	✓	✓	✓	✓					
	(TBD) Signal converter unit	(TBD) Signal converter unit	✓	✓	✓	✓					
	(TBD) DASHBOARD ADAPTATION BOX	(TBD) DASHBOARD ADAPTATION BOX	✓	✓	✓	✓					

*XTOOL*

# Actuation Test

Index NO.	Functions Name	System Name
AC0001	(TBD) EGR POS CLR	Engine
AC0002	(TBD) SATU CLR	Engine
AC0003	A/C CNT COMP	Engine
AC0004	A/C COMPRESSOR	Engine
AC0005	A/C PREVENTION	Engine
AC0006	A/C compressor relay control	Engine
AC0007	AC COMPRESSOR RELAY	Engine
AC0008	ACTIVE GRILLE SHUTTER	Engine
AC0009	ADDITIONAL FUEL PUMP RELAY	Engine
AC0010	ADDITIONAL HEATING	Engine
AC0011	AFTER DPF REGENERATION	Engine
AC0012	AFTER DPF REPLACEMENT	Engine
AC0013	AIR COND RLY	Engine
AC0014	AIR DAMPER VALVE PROGRAMMING	Engine
AC0015	AIR INLET FLAP	Engine
AC0016	AIR PATH PROGRAMMING	Engine
AC0017	ALTERNATOR DUTY	Engine
AC0018	ALTERNATOR DUTY	Engine
AC0019	ALTERNATOR VOLTAGE	Engine
AC0020	AUTO STOP START	Engine
AC0021	BOILER RELAY	Engine
AC0022	BOOST PRESS WASTEGATE	Engine
AC0023	CAMSHAFT SENSOR PROGRAMMING	Engine
AC0024	CANISTER BLEED SOL/V	Engine
AC0025	CC/SL PRGRM	Engine
AC0026	CHECK FUEL FILTER HEATER	Engine
AC0027	CHECK THROTTLE VALVE ACTUATOR	Engine
AC0028	COMPRESSION TEST	Engine
AC0029	CONTROLLED CL THERMOS	Engine
AC0030	COOLANT TEMPERATURE WARNING LIGHT	Engine
AC0031	COOLING FAN	Engine
AC0032	COOLING FAN SPEED SENSOR	Engine
AC0033	Check control response of quantity control valve at idle	Engine
AC0034	Check leakage quantity of fuel injectors	Engine
AC0035	Ck cont response of press reg vlv at idle	Engine
AC0036	Ck cont response of press regulating vlv	Engine

AC0037	Collation of diagnosis performance data	Engine
AC0038	DAMPER FLAP	Engine
AC0039	DIAG CAP TEMP DPF	Engine
AC0040	DOWN/ST O2 HT	Engine
AC0041	DOWNSTREAM O2 SENSOR HEATING	Engine
AC0042	DPF INJECTOR	Engine
AC0043	DPF INJECTOR SOLENOID VALVE	Engine
AC0044	DPF RELATIVE PRESSURE SENSOR	Engine
AC0045	Dynamic test pressure regulating valve	Engine
AC0046	Dynamic test quantity control valve	Engine
AC0047	E/O CC/SL PRGRM	Engine
AC0048	EGR BYPASS	Engine
AC0049	EGR CONT (MODE 1)	Engine
AC0050	EGR CONTROL VALVE	Engine
AC0051	EGR COOLER BYPASS VALVE	Engine
AC0052	EGR SOL/V A	Engine
AC0053	EGR SOL/V B	Engine
AC0054	EGR SOLENOID VALVE	Engine
AC0055	EGR VALVE	Engine
AC0056	EGR VALVE PROGRAMMING	Engine
AC0057	EGR VOL CONT/V	Engine
AC0058	EGR/V ANGLE	Engine
AC0059	EGRC SOLENOID VALVE	Engine
AC0060	ENG COOLANT TEMP	Engine
AC0061	ENGINE ADAPTIVES	Engine
AC0062	ETC' LEARN	Engine
AC0063	EXH V/T ASSIGN ANGLE	Engine
AC0064	EXHAUST AIR FLAP	Engine
AC0065	EXHAUST E/THROTTLE CONTROL ACTUATOR	Engine
AC0066	EXHAUST FUEL INJECTOR	Engine
AC0067	EXHAUST FUEL INJECTOR CIRCUIT	Engine
AC0068	Egr cooler bypass cont s/v	Engine
AC0069	Engine MOUNTING	Engine
AC0070	FAN DUTY CONTROL	Engine
AC0071	FAN UNIT HIGH SPEED	Engine
AC0072	FAN UNIT LOW	Engine
AC0073	FAN UNIT LOW SPEED	Engine
AC0074	FAN UT HI SPD	Engine
AC0075	FAULT WARNING LIGHT	Engine

AC0076	FLYWHL TGT PG	Engine
AC0077	FP RELAY 2	Engine
AC0078	FP RELAY 3	Engine
AC0079	FPCM	Engine
AC0080	FRP CONTROL VALVE	Engine
AC0081	FUEL CUT SOL/V	Engine
AC0082	FUEL CUT VALVE	Engine
AC0083	FUEL FLOW REGULATOR	Engine
AC0084	FUEL FLOW SOLENOID/V	Engine
AC0085	FUEL INJECTION	Engine
AC0086	FUEL PRESS SOL/V	Engine
AC0087	FUEL PRESSURE SOLENOID/V	Engine
AC0088	FUEL PUMP	Engine
AC0089	FUEL PUMP RELAY	Engine
AC0090	FUEL PUMP RLY	Engine
AC0091	FUEL RETURN VALVE	Engine
AC0092	FUEL SHUTOFF VALVE	Engine
AC0093	FUEL SHUTOFF VALVE 1	Engine
AC0094	FUEL SHUTOFF VALVE 2	Engine
AC0095	FUEL SHUTOFF VALVE 3	Engine
AC0096	FUEL SPLY PREV	Engine
AC0097	FUEL/T TEMP SEN	Engine
AC0098	Fan unit h SPD rly	Engine
AC0099	Fan unit high speed rly	Engine
AC0100	Fan unit low speed rly	Engine
AC0101	Fan unit s SPD rly	Engine
AC0102	Flex-fuel additional pump	Engine
AC0103	Flex-fuel additional solenoid valve	Engine
AC0104	GLOW CONTROL UNIT	Engine
AC0105	GLOW RLY	Engine
AC0106	GLOW RLY 2	Engine
AC0107	HEATER PLUG1 AND 2	Engine
AC0108	HEATER PLUG3	Engine
AC0109	HEATER PLUG4	Engine
AC0110	HEATING RESISTOR RELAY 3	Engine
AC0111	HIGH PRESSURE PUMP	Engine
AC0112	High pres circuit leak test	Engine
AC0113	High press circ leak t	Engine
AC0114	High pressure circuit leak test	Engine

AC0115	IACV-AAC/V OPENING	Engine
AC0116	IDLE SPEED SET INCREMENT	Engine
AC0117	IGN TIMING(MODE1)	Engine
AC0118	IGN TIMING(MODE3)	Engine
AC0119	IGNITION TIMING	Engine
AC0120	INJ TIMING	Engine
AC0121	INJECTION FAULT LIGHT	Engine
AC0122	INJECTION SOL/V OPENING PF	Engine
AC0123	INJECTION TIMING	Engine
AC0124	INJECTOR ADAPTIVES	Engine
AC0125	INJECTOR CYLINDER1	Engine
AC0126	INJECTOR CYLINDER2	Engine
AC0127	INJECTOR CYLINDER3	Engine
AC0128	INJECTOR CYLINDER4	Engine
AC0129	INLET FLAP	Engine
AC0130	INT V/T ASSIGN ANGLE	Engine
AC0131	INTAKE DUCT S/V	Engine
AC0132	INTER COOLER FAN	Engine
AC0133	INTER COOLER PUMP	Engine
AC0134	LOW PRESS PUMP RLY	Engine
AC0135	LOW PRESSURE EGR VALVE	Engine
AC0136	MAJOR INJE FAULT W/L	Engine
AC0137	MAP/BARO SW/V	Engine
AC0138	MIL LIGHT	Engine
AC0139	MOTORISED THROTTLE	Engine
AC0140	Major injection malfunction warning lamp	Engine
AC0141	OBD LIGHT	Engine
AC0142	OFF ACCEL PO SIG	Engine
AC0143	OV/HT WARNING	Engine
AC0144	OVERHEAT WARN LIGHT	Engine
AC0145	OVERHEATING W/L	Engine
AC0146	P/REG CONT SOL/V	Engine
AC0147	POWER BALANCE	Engine
AC0148	POWER BALANCE	Engine
AC0149	POWER BALANCE(MODE 1)	Engine
AC0150	POWER BALANCE(MODE 3)	Engine
AC0151	PRE ELEC CONSUM	Engine
AC0152	PREHEATER LIGHT	Engine
AC0153	PREHEATER RELAY	Engine



AC0154	PREHEATER RLY	Engine
AC0155	PREHEATER UNIT	Engine
AC0156	PRES REGULATOR	Engine
AC0157	PRESSURE REGULATION ADAPTIVES	Engine
AC0158	PREVENTION ELECTRICAL CNSMERS	Engine
AC0159	PRHT RLY GROUP N-1	Engine
AC0160	PROGRAMMING THROTTLE LIMITS	Engine
AC0161	PROPORTIONAL RICHNESS SENSOR HEATING	Engine
AC0162	PRPRT RCH SEN HT	Engine
AC0163	PUMP LEANT CLEAR	Engine
AC0164	PUMP PRESSURE REGULATOR	Engine
AC0165	PURG VOL CONT/V	Engine
AC0166	RAIL PRESS REG	Engine
AC0167	RAIL PRESSURE REGULATOR	Engine
AC0168	RAIL PRS SEN ADAPTIVES	Engine
AC0169	REFILLING NEW PUMP BODY	Engine
AC0170	RICHNESS REGULATION PROGRAMMING	Engine
AC0171	SCB/V CONT SOL/V	Engine
AC0172	STATIC TEST	Engine
AC0173	STATIC TEST OF ACTUATOR	Engine
AC0174	STP E/CCONSUM PREV	Engine
AC0175	STP FUEL SPLY PREV	Engine
AC0176	SUB FUEL CONT SOL/V	Engine
AC0177	SUB FUEL PUMP RELAY	Engine
AC0178	SUPERCHARGER CLUTCH RELAY	Engine
AC0179	SWIRL CONT S/V 1	Engine
AC0180	SWIRL CONT S/V 2	Engine
AC0181	SWIRL CONT S/V1	Engine
AC0182	SWIRL CONT SOL VALVE	Engine
AC0183	SWIRL CONTROL VALVE	Engine
AC0184	SWIRL FLAP	Engine
AC0185	Speed limiter / cruise control activation	Engine
AC0186	TARGET ETC ANGLE	Engine
AC0187	TARGET FAN RPM	Engine
AC0188	TC BOOST CONT/V	Engine
AC0189	TC BOOST CONTROL ACTUATOR	Engine
AC0190	TC BST CONT S/V	Engine
AC0191	TCVACTK	Engine
AC0192	TGT IDL ar LARN CLR	Engine

AC0193	THERMO NO. 3 RELAY	Engine
AC0194	THERMOPLNGER 3 RLY	Engine
AC0195	THERMOPLNGR RLY N1	Engine
AC0196	THERMOPLNGR RLY N2	Engine
AC0197	THERMOPLUNGER NO3 RLY	Engine
AC0198	THERMOPLUNGER RLY N-1	Engine
AC0199	THERMOPLUNGER RLY N-2	Engine
AC0200	THERMOPLUNGER RLY1	Engine
AC0201	THERMOPLUNGER RLY2	Engine
AC0202	THL CONT/SOL-V A	Engine
AC0203	THL CONT/SOL-V B	Engine
AC0204	THRTL POSITION	Engine
AC0205	TP POS LEARN CLR	Engine
AC0206	TRG EGR/V ANGLE	Engine
AC0207	TROTTLE VALVE	Engine
AC0208	TUMBLE CONTROL VALVE	Engine
AC0209	TURBO SOL VALVE	Engine
AC0210	TURBOCHARGE PRES	Engine
AC0211	TURBOCHARGER CNTRL SOL/V	Engine
AC0212	TURBOCHARGER COOLING PUMP	Engine
AC0213	TURBOCHARGING SOLENOID VALVE	Engine
AC0214	UPSTREAM O2 SENSOR HEATING	Engine
AC0215	Unlock INJECTOR CTRL	Engine
AC0216	V/T ASSIGN ANGLE	Engine
AC0217	VALVE TIMING SOL	Engine
AC0218	VC/V BYPASS/V	Engine
AC0219	VENT CONTROL/V	Engine
AC0220	VIAS S/V-1	Engine
AC0221	VIAS S/V-2	Engine
AC0222	VVL S/V	Engine
AC0223	VVL S/V(INTAKE)	Engine
AC0224	WASTEGATE ACTUATOR	Engine
AC0225	Water in fuel warning light	Engine
AC0226	lock INJECTOR CTRL	Engine
AC0227	ABS MOTOR	ABS
AC0228	ABS WARN LAMP	ABS
AC0229	ABS WARNING LAMP	ABS
AC0230	ACC 0 DOWN	ABS
AC0231	AIR REL DRAIN	ABS

AC0232	AIR REL INHIBIT	ABS
AC0233	AIR REL STROKE SIM	ABS
AC0234	ASCD SIGNAL	ABS
AC0235	Air rel pwr sply 2	ABS
AC0236	BLEED FRONT L/H WHEEL	ABS
AC0237	BLEED FRONT R/H WHEEL	ABS
AC0238	BLEED REAR L/H WHEEL	ABS
AC0239	BLEED REAR R/H WHEEL	ABS
AC0240	BOOSTER DRIVE	ABS
AC0241	Brake BUZZER	ABS
AC0242	Brake WARN LAMP	ABS
AC0243	ELE BRK WARN LAMP	ABS
AC0244	FR LH ABS SOLENOID(ACT)	ABS
AC0245	FR LH SOL	ABS
AC0246	FR RH ABS SOLENOID(ACT)	ABS
AC0247	FR RH SOL	ABS
AC0248	FR l/h wheel solenoid valves	ABS
AC0249	FR r/h wheel solenoid valves	ABS
AC0250	FRONT ABS SOLENOID(ACT)	ABS
AC0251	FRONT SOLENOID	ABS
AC0252	Flh wheel solenoid valve test	ABS
AC0253	Frh wheel solenoid valve test	ABS
AC0254	Lh RR whl sld vlv tst	ABS
AC0255	Lh fr whl sld vlv tst	ABS
AC0256	MAIN RELAY 1	ABS
AC0257	MAIN RELAY 2	ABS
AC0258	MOTOR RELAY 1	ABS
AC0259	MOTOR RELAY 2	ABS
AC0260	PUMP MOTOR TEST	ABS
AC0261	REAR ABS SOLENOID(ACT)	ABS
AC0262	REAR SOL	ABS
AC0263	REAR SOLENOID	ABS
AC0264	RR LH ABS SOLENOID(ACT)	ABS
AC0265	RR LH SOL	ABS
AC0266	RR RH ABS SOLENOID(ACT)	ABS
AC0267	RR RH SOL	ABS
AC0268	RR l/h wheel solenoid valves	ABS
AC0269	RR r/h wheel solenoid valves	ABS
AC0270	Rh RR whl sld vlv tst	ABS

AC0271	Rh fr whl sld vlv tst	ABS
AC0272	Rlh wheel solenoid valve test	ABS
AC0273	Rrh wheel solenoid valve test	ABS
AC0274	SCSS	ABS
AC0275	SLA FL SOL	ABS
AC0276	SLA FR SOL	ABS
AC0277	SLA RL SOL	ABS
AC0278	SLA RR SOL	ABS
AC0279	SLIP INDI LAMP	ABS
AC0280	SLIP LAMP	ABS
AC0281	SLR FL SOL	ABS
AC0282	SLR FR SOL	ABS
AC0283	SLR RL SOL	ABS
AC0284	SLR RR SOL	ABS
AC0285	SMC1	ABS
AC0286	SMC2	ABS
AC0287	STOP LAMP ON RELAY	ABS
AC0288	TCS FAIL SIGNAL	ABS
AC0289	VDC WARN LAMP	ABS
AC0290	VDC WARNING LAMP	ABS
AC0291	VHCL SPD INFOMTION	ABS
AC0292	Wheel speed sensors supply test	ABS
AC0293	BATTERY SAVER RELAY	Meter/M&A
AC0294	BUZZER	Meter/M&A
AC0295	DOOR lock	Meter/M&A
AC0296	DOOR lockING LAMP	Meter/M&A
AC0297	DRIVER DOOR Unlock	Meter/M&A
AC0298	FOLDING MIRROR	Meter/M&A
AC0299	FUEL GAUGE	Meter/M&A
AC0300	HORN	Meter/M&A
AC0301	INPANE WARNING LIGHT	Meter/M&A
AC0302	INTERIOR LIGHTING	Meter/M&A
AC0303	LCD INSTRUMENT SEGMENTS	Meter/M&A
AC0304	LEFT INDICATOR	Meter/M&A
AC0305	OTHER DOOR Unlock	Meter/M&A
AC0306	POWER WINDOWS	Meter/M&A
AC0307	REAR SCREEN DEMISTER	Meter/M&A
AC0308	REV COUNTER	Meter/M&A
AC0309	RIGHT-HAND INDICATOR	Meter/M&A

AC0310	SELECTLEV lock ELECMAG	Meter/M&A
AC0311	SPEEDOMETER	Meter/M&A
AC0312	TAIL LAMP	Meter/M&A
AC0313	THEFT-WARNING RELAY	Meter/M&A
AC0314	TRUNK OPEN	Meter/M&A
AC0315	WATER TEMPERATURE GAUGE	Meter/M&A
AC0316	A/C INDICATOR	BCM
AC0317	ACC CONT	BCM
AC0318	ACC INDICATOR	BCM
AC0319	ALARM SIREN	BCM
AC0320	AS SEAT LAMP TEST	BCM
AC0321	AUTO ACC 2	BCM
AC0322	AUTOMATIC BACK DOOR	BCM
AC0323	BACK DR OPEN WARN	BCM
AC0324	BATTERY SAVER	BCM
AC0325	BOOT OPENER	BCM
AC0326	Brake SW	BCM
AC0327	CARGO LAMP	BCM
AC0328	CENTRAL DOOR lockING	BCM
AC0329	CHIME	BCM
AC0330	CORNERING LAMP	BCM
AC0331	DAYTIME RUNNING LIGHT	BCM
AC0332	DOOR WARNING IND	BCM
AC0333	DOOR lock	BCM
AC0334	DOOR lockING LAMP	BCM
AC0335	DRIVER'S DOOR UnlockING	BCM
AC0336	DTRL	BCM
AC0337	ENG IMMOBILISER LIGHT	BCM
AC0338	ENGINE START	BCM
AC0339	ENGINE START REQUEST	BCM
AC0340	ENGINE SW ILLUMI	BCM
AC0341	FLASHER	BCM
AC0342	FLASHER LEFT	BCM
AC0343	FLASHER LEFT(CAN)	BCM
AC0344	FLASHER RIGHT	BCM
AC0345	FLASHER RIGHT(CAN)	BCM
AC0346	FLAT TIRE WARNING	BCM
AC0347	FR FOG LAMP	BCM
AC0348	FR WIPER	BCM

AC0349	FR WIPER(HI)	BCM
AC0350	FR WIPER(INT)	BCM
AC0351	FR WIPER(LOW)	BCM
AC0352	FRONT INTERIOR LAMPS	BCM
AC0353	FUEL LID OPEN	BCM
AC0354	GLASS HATCH	BCM
AC0355	HEAD LAMP	BCM
AC0356	HEAD LAMP WASHER	BCM
AC0357	HEAD LAMP (HI)	BCM
AC0358	HEAD LAMP (LOW)	BCM
AC0359	HORN	BCM
AC0360	IGN CONT1	BCM
AC0361	IGN CONT2	BCM
AC0362	IGN ILLUM	BCM
AC0363	IGN KEY WARN ALM	BCM
AC0364	IGNITION ON IND	BCM
AC0365	IGNITION RELAY	BCM
AC0366	ILL DIM SIGNAL	BCM
AC0367	ILL DIM SIGNAL (CAN)	BCM
AC0368	IMMU ANTENNA	BCM
AC0369	IMMU POWER	BCM
AC0370	INDICATOR	BCM
AC0371	INSIDE BUZZER	BCM
AC0372	INT LAMP	BCM
AC0373	INTELLIGENT KEY LINK	BCM
AC0374	INTELLIGENT KEY LINK (CAN)	BCM
AC0375	Id regist warning	BCM
AC0376	KEY REMINDER WARN	BCM
AC0377	KEY REMINDER WARN	BCM
AC0378	KEY SLOT ILLUMI	BCM
AC0379	KEYFOB P/W TEST	BCM
AC0380	KEYLESS PW UP/DOWN	BCM
AC0381	LCD	BCM
AC0382	LEVELIZER TEST	BCM
AC0383	LIGHT WARN ALM	BCM
AC0384	LOW BEAM TEST LEFT	BCM
AC0385	LOW BEAM TEST RIGHT	BCM
AC0386	LUGGAGE LAMP TEST	BCM
AC0387	MIRROR+5	BCM

AC0388	OIL PRESSURE SW	BCM
AC0389	OUTSIDE BUZZER	BCM
AC0390	P RANGE	BCM
AC0391	PANIC ALARM	BCM
AC0392	PBD	BCM
AC0393	POWER WINDOW DOWN	BCM
AC0394	PSD PBD OPEN TEST	BCM
AC0395	PTC heater	BCM
AC0396	PUSH SWITCH INDICATOR	BCM
AC0397	PUSH SWITCH INDICATOR	BCM
AC0398	PW REMOTO DOWN SET	BCM
AC0399	Power slide door	BCM
AC0400	REAR DEFOGGER	BCM
AC0401	REAR DEFOGGER IND	BCM
AC0402	REMOTE locking BUZZER	BCM
AC0403	RETAINED PWR	BCM
AC0404	RETAINED PWR (IGN)	BCM
AC0405	RETRACTABLE MIRROR	BCM
AC0406	REVERSE LAMP TEST	BCM
AC0407	REVERSE WARNING	BCM
AC0408	RISE UP WIPER TEST	BCM
AC0409	RR FOG LAMP	BCM
AC0410	RR WIPER	BCM
AC0411	RUN FLAT TIRE W/L	BCM
AC0412	RUN FLAT/T WARN BUZZER	BCM
AC0413	SEAT BELT WARN TEST	BCM
AC0414	SECURTY INDICATOR	BCM
AC0415	SIREN	BCM
AC0416	SL 12V CPU	BCM
AC0417	ST CONT LOW	BCM
AC0418	STARTER CUT RELAY	BCM
AC0419	STARTER CUT RELAY	BCM
AC0420	STEP LAMP TEST	BCM
AC0421	TAIL LAMP	BCM
AC0422	THEFT IND	BCM
AC0423	TRUNK/BACK DOOR	BCM
AC0424	TRUNK/GLASS HATCH	BCM
AC0425	Unlocking the doors and boot	BCM
AC0426	Vehicle security horn	BCM

AC0427	WARNING LAMP	BCM
AC0428	lock INDICATOR	BCM
AC0429	ACCELERATOR PEDAL ACTUATOR	ICC/ADAS
AC0430	ACTIVE PEDAL	ICC/ADAS
AC0431	BOOSTER SOL/V	ICC/ADAS
AC0432	BSI ON INDICATOR	ICC/ADAS
AC0433	BSI WARNING INDICATOR	ICC/ADAS
AC0434	BSW ON INDICATOR	ICC/ADAS
AC0435	BSW/BSI WARNING LAMP	ICC/ADAS
AC0436	Brake ACTUATOR	ICC/ADAS
AC0437	DCA INDICATOR	ICC/ADAS
AC0438	ICC BUZZER	ICC/ADAS
AC0439	LANE DEPARTURE W/L	ICC/ADAS
AC0440	LDP BUZZER	ICC/ADAS
AC0441	LDP ON IND	ICC/ADAS
AC0442	LDP WARNING INDICATOR	ICC/ADAS
AC0443	LDW ON INDICATOR	ICC/ADAS
AC0444	LDW WARNING INDICATOR	ICC/ADAS
AC0445	METER LAMP	ICC/ADAS
AC0446	STOP LAMP	ICC/ADAS
AC0447	WARNING SYSTEM IND	ICC/ADAS
AC0448	ALL SEG	HVAC
AC0449	HVAC TEST	HVAC
AC0450	ACT SEQUENTIAL CTRL	Transmission
AC0451	ACTUATORS SEQUENTIAL CONTROL	Transmission
AC0452	BLD HYD PRESS ASSY	Transmission
AC0453	Bld cltch circ phase 1	Transmission
AC0454	Bld cltch circ phase 2	Transmission
AC0455	Bleed clth slv cyl hyd	Transmission
AC0456	Bleed clutch circuit phase 1	Transmission
AC0457	Bleed clutch circuit phase 2	Transmission
AC0458	CLUTCH MOVING TEST	Transmission
AC0459	CLUTCH OPERATION TEST	Transmission
AC0460	CLUTCH SOLENOID VALVE	Transmission
AC0461	CONVRT lock-UP SOL VLV	Transmission
AC0462	Cvt oil cooler fan circuit	Transmission
AC0463	Display	Transmission
AC0464	ENGAGE REVERSE GEAR	Transmission
AC0465	ENGAGING SOL/V	Transmission



AC0466	ENGAGING SOLENOID VALVES	Transmission
AC0467	G/B RETURN TO NEUTRAL	Transmission
AC0468	GEAR ENGAGE TEST	Transmission
AC0469	HYD ASSY PUMP PROHIBIT	Transmission
AC0470	HYD ASSY PUMP RESTORED	Transmission
AC0471	HYDRAULIC ASSEMBLY PUMP PROHIBITION	Transmission
AC0472	HYDRAULIC PUMP RELAY	Transmission
AC0473	Ht exchn g flow SOL vlv	Transmission
AC0474	MODULATION SOLENOID VALVE	Transmission
AC0475	PRESS ACCUM DISCHARGE	Transmission
AC0476	PRESS MODUL SOLNOID VLV	Transmission
AC0477	PROG CLUTCH TOUCHP	Transmission
AC0478	REVERSING LIGHTS	Transmission
AC0479	SELECTION SOL/V	Transmission
AC0480	SEQUENCE 1 SOLENOID VLV	Transmission
AC0481	SEQUENCE 2 SOLENOID VLV	Transmission
AC0482	SEQUENCE SOLENOID VLV 3	Transmission
AC0483	SEQUENCE SOLENOID VLV 4	Transmission
AC0484	SEQUENCE SOLENOID VLV 5	Transmission
AC0485	SEQUENCE SOLENOID VLV 6	Transmission
AC0486	SLCT LVR lock E/MAGNET	Transmission
AC0487	SOLENOID VALVE SELECTION	Transmission
AC0488	STARTING RELAY	Transmission
AC0489	Shift TRANSMISSION TO NEUTRAL	Transmission
AC0490	BLUETOOTH DETECTED ON ESPACE	Multi AV
AC0491	CD EJECT	Multi AV
AC0492	DISPLAY TEST	Multi AV
AC0493	GPS INFORMATION	Multi AV
AC0494	NAVIGATION VOICE TEST	Multi AV
AC0495	SPEAKER TEST	Multi AV
AC0496	A/C CNT COMP	IPDM E/R
AC0497	AC COMPRESSOR	IPDM E/R
AC0498	ALTERNATOR REGULATION	IPDM E/R
AC0499	COMPRESSOR	IPDM E/R
AC0500	COOLING FAN (DUAL)	IPDM E/R
AC0501	COOLING FAN (MONO)	IPDM E/R
AC0502	COOLING FAN (PWM)	IPDM E/R
AC0503	CORNERING LAMP	IPDM E/R
AC0504	DIPPED HEADLIGHTS	IPDM E/R

AC0505	EXTERNAL LAMPS	IPDM E/R
AC0506	Electric power supply circuit testing	IPDM E/R
AC0507	FAN UNIT	IPDM E/R
AC0508	FAN UNIT LOW	IPDM E/R
AC0509	FAN UT HI SPD	IPDM E/R
AC0510	FRONT FOG LAMP	IPDM E/R
AC0511	FRONT FOG LIGHTS	IPDM E/R
AC0512	FRONT WIPER	IPDM E/R
AC0513	HEAD LAMP	IPDM E/R
AC0514	HEAD LAMP WASHER	IPDM E/R
AC0515	HEADLAMP (HI)	IPDM E/R
AC0516	HEADLAMP (LO)	IPDM E/R
AC0517	HEADLAMP WASHER	IPDM E/R
AC0518	HEATER WATER PUMP COMMAND	IPDM E/R
AC0519	HORN	IPDM E/R
AC0520	LAMPS	IPDM E/R
AC0521	MAIN H/L INF	IPDM E/R
AC0522	MOTOR FAN	IPDM E/R
AC0523	REAR DEFOGGER	IPDM E/R
AC0524	REAR SCREEN DE-ICING	IPDM E/R
AC0525	REAR WIPER	IPDM E/R
AC0526	SIDE LIGHTS	IPDM E/R
AC0527	TAIL LAMP	IPDM E/R
AC0528	VOLTAGE REGULATOR	IPDM E/R
AC0529	WINDSCREEN WIPER: HIGH SPEED	IPDM E/R
AC0530	WINDSCREEN WIPER: LOW SPEED	IPDM E/R
AC0531	BUZZER	Air pressure monitor
AC0532	WARN LAMP	Air pressure monitor
AC0533	HAZARD LAMP	Air pressure monitor
AC0534	5TH BOW SYSTEM	Convertible roof
AC0535	FRONT POWER WINDOW (LH/RH)	Convertible roof
AC0536	HYDRAULIC PRESSURE RELEASE	Convertible roof
AC0537	POWER WINDOW (LH/RH)	Convertible roof
AC0538	REAR POWER WINDOW (LH)	Convertible roof
AC0539	REAR POWER WINDOW (RH)	Convertible roof
AC0540	REAR WINDOW DEFOGGER	Convertible roof
AC0541	ROOF LATCHED LH/RH	Convertible roof
AC0542	ROOF STATE OUTPUT (AUDIO)	Convertible roof
AC0543	ROOF SYSTEM	Convertible roof

AC0544	SOFT TOP SYSTEM	Convertible roof
AC0545	STORAGE LID	Convertible roof
AC0546	TRUNK OPENER	Convertible roof
AC0547	LAMP TEST	Head lamp levelizer
AC0548	CLUTCH CHECK	E-4WD
AC0549	E-4wd RELAY CHECK	E-4WD
AC0550	GENERATOR CHECK	E-4WD
AC0551	MOTOR 1 CHECK	E-4WD
AC0552	MOTOR 2 CHECK	E-4WD
AC0553	ACC INDICATOR	Intelligent key
AC0554	ANTENNA	Intelligent key
AC0555	DOOR lock	Intelligent key
AC0556	DOOR lock/Unlock	Intelligent key
AC0557	ENGINE SW ILLUMI	Intelligent key
AC0558	EXTERNAL BOOT AERIAL TEST	Intelligent key
AC0559	FR LH external aerial test	Intelligent key
AC0560	FR RH external aerial test	Intelligent key
AC0561	IGN CONT1	Intelligent key
AC0562	IGNITION ON IND	Intelligent key
AC0563	INDICATOR	Intelligent key
AC0564	INSIDE BUZZER	Intelligent key
AC0565	INTERIOR AERIAL 1 TEST	Intelligent key
AC0566	INTERIOR AERIAL 2 TEST	Intelligent key
AC0567	KEY SLOT ILLUMI	Intelligent key
AC0568	LCD	Intelligent key
AC0569	OUTSIDE BUZZER	Intelligent key
AC0570	P RANGE	Intelligent key
AC0571	lock INDICATOR	Intelligent key
AC0572	CLUTCH	Auto slide door
AC0573	MIRROR MOTOR LH	Auto drive position
AC0574	MIRROR MOTOR RH	Auto drive position
AC0575	Memory SW INDCTR	Auto drive position
AC0576	PEDAL MOTOR	Auto drive position
AC0577	SEAT LIFT	Auto drive position
AC0578	SEAT LIFTER FR	Auto drive position
AC0579	SEAT LIFTER RR	Auto drive position
AC0580	SEAT RECLINING	Auto drive position
AC0581	SEAT SLIDE	Auto drive position
AC0582	TELESCO MOTOR	Auto drive position

AC0583	TILT MOTOR	Auto drive position
AC0584	DRIVE PWR DSTRBT TORQUE	All mode AWD/4WD
AC0585	ETS S/V	All mode AWD/4WD
AC0586	SOLENOID LEFT	All mode AWD/4WD
AC0587	SOLENOID RIGHT	All mode AWD/4WD
AC0588	BUZZER	Sonar
AC0589	CANCEL SW IND	Sonar
AC0590	DISPLAY CONTROL	Sonar
AC0591	FRONT BUZZER	Sonar
AC0592	LED	Sonar
AC0593	PSM SONAR SENSOR	Sonar
AC0594	REAR BUZZER	Sonar
AC0595	SONAR SENSOR	Sonar
AC0596	BUZZER DRIVE	Lane camera
AC0597	INDICATOR LAMP DRIVE	Lane camera
AC0598	LANE DEPARTURE W/L	Lane camera
AC0599	LDP ON IND	Lane camera
AC0600	LDW ON IND	Lane camera
AC0601	SYSTEM ON LAMP DRIVE	Lane camera
AC0602	LEVELIZER TEST	Adaptive light
AC0603	LOW BEAM TEST LEFT	Adaptive light
AC0604	LOW BEAM TEST LEFT	Adaptive light
AC0605	LOW BEAM TEST RIGHT	Adaptive light
AC0606	LOW BEAM TEST RIGHT	Adaptive light
AC0607	CLUTCH	Auto slide door right
AC0608	12V BATTERY CHARGE W/L	EV/HEV
AC0609	CHARGE STAT INDICATOR 1	EV/HEV
AC0610	CHARGE STAT INDICATOR 2	EV/HEV
AC0611	CHARGE STAT INDICATOR 3	EV/HEV
AC0612	COOLING FAN	EV/HEV
AC0613	DC/DC CONV DUTY	EV/HEV
AC0614	ECO INDICATOR	EV/HEV
AC0615	ECO TREE	EV/HEV
AC0616	ENGINE CRANKING	EV/HEV
AC0617	EV SYSTEM W/L	EV/HEV
AC0618	F/S CHG RLY	EV/HEV
AC0619	INSPECTION MODE 1	EV/HEV
AC0620	INSPECTION MODE 1	EV/HEV
AC0621	INSPECTION MODE 2	EV/HEV

AC0622	INSPECTION MODE 3	EV/HEV
AC0623	INSPECTION MODE 5	EV/HEV
AC0624	PLUG IN INDICATOR	EV/HEV
AC0625	POWER LIMITATION INDICATOR	EV/HEV
AC0626	READY INDICATOR	EV/HEV
AC0627	REVERSE LAMP RLY	EV/HEV
AC0628	VOLTAGE CONTROL	EV/HEV
AC0629	WATER PUMP	EV/HEV
AC0630	WATER PUMP 1	EV/HEV
AC0631	WATER PUMP 2	EV/HEV
AC0632	FRONT RIGHT ACTUATOR	E-SUS
AC0633	FRONT LEFT ACTUATOR	E-SUS
AC0634	REAR RIGHT ACTUATOR	E-SUS
AC0635	REAR LEFT ACTUATOR	E-SUS
AC0636	FOUR WHEEL ACTUATOR	E-SUS
AC0637	MODE LAMP	E-SUS
AC0638	ACCELERATOR PEDAL ACTUATOR TEST1	Accele pedal ACT
AC0639	ACCELERATOR PEDAL ACTUATOR TEST2	Accele pedal ACT
AC0640	HEATER RELAY UNIT	HV battery
AC0641	HV BATTERY COOLING FAN	HV battery
AC0642	ENGINE SWITCH ILLUMINATION	Total illum C/U

AC0643	FOOT LAMP	Total illum C/U
AC0644	MAP LAMP-DR	Total illum C/U
AC0645	MAP LAMP-AS	Total illum C/U
AC0646	PERSONAL LAMP-RR	Total illum C/U
AC0647	PERSONAL LAMP-RL	Total illum C/U
AC0648	PUDDLE LAMP	Total illum C/U
AC0649	MOOD LAMP	Total illum C/U
AC0650	AMBIENCE LAMP	Total illum C/U
AC0651	HSPL ILLUMINATION	Total illum C/U
AC0652	STOP LAMP OFF RELAY	BRAKE
AC0653	ANC TEST TONE	ANC
AC0654	INDICATOR	Multi display
AC0655	ALL SEG	PTC heater
AC0656	HVAC TEST	PTC heater
AC0657	QUICK CHARGE RELAY +	Charger/PD module
AC0658	QUICK CHARGE RELAY -	Charger/PD module
AC0659	NORMAL CHARGE RELAY +	Charger/PD module
AC0660	NORMAL CHARGE RELAY -	Charger/PD module
AC0661	Quick charge permit sig circuit	Charger/PD module
AC0662	BSW/BSI WARNING LAMP	BSW/buzzer
AC0663	BUZZER 1 (CCM)	BSW/buzzer
AC0664	BUZZER 2 (CCM)	BSW/buzzer
AC0665	BUZZER 3 (CCM)	BSW/buzzer
AC0666	BUZZER 4 (ADAS)	BSW/buzzer
AC0667	BUZZER 4 (CCM)	BSW/buzzer
AC0668	AIR & WASH ACTIVE	AVM
AC0669	AIR ACTIVE	AVM
AC0670	AVM BUZZER	AVM
AC0671	EPS ACTIVE	AVM
AC0672	LED LH INDICATOR	AVM
AC0673	LED RH INDICATOR	AVM
AC0674	WASH ACTIVE	AVM
AC0675	ALC LEVEL	IDM
AC0676	ALC SETTING	IDM
AC0677	ARC DISP	IDM
AC0678	ATC 1 DISP	IDM
AC0679	ATC 2 DISP	IDM
AC0680	ATC 3 DISP	IDM
AC0681	ATC 4 DISP	IDM

AC0682	ATC 5 DISP	IDM
AC0683	Brake HOLD DISP	IDM
AC0684	Brake actuator 1 mode 2	IDM
AC0685	Brake actuator 1 mode 3	IDM
AC0686	Brake actuator 2 mode 1	IDM
AC0687	Brake actuator 2 mode 2	IDM
AC0688	Brake actuator 3 mode 3	IDM
AC0689	COMMAND ST WHL FORC	IDM
AC0690	COMMAND STEERING ANGLE	IDM
AC0691	ESS ACTIVE	IDM
AC0692	HDC DISP	IDM
AC0693	MASTER WARNING ACTIVE	IDM
AC0694	RR TIRE DISP	IDM
AC0695	Stop lamp off relay 1 active	IDM
AC0696	Stop lamp off relay 2 active	IDM
AC0697	DISPLAY TEST	CIU
AC0698	On/off switch	CIU
AC0699	BUZZER	Cluster
AC0700	Display	Cluster
AC0701	INSTRUMENT PANEL NEEDLES	Cluster
AC0702	INSTRUMENT PANEL WARNING LIGHTS	Cluster
AC0703	LIGHTING	Cluster
AC0704	COMPRESSOR	Air levelizer
AC0705	EXHAUST SOLENOID	Air levelizer
AC0706	WARNNIG LAMP	Air levelizer
AC0707	DISTRIBUTION MOTOR: DEMISTING	CHA
AC0708	DISTRIBUTION MOTOR: VENT	CHA
AC0709	MIXING MOTOR: ALL COLD	CHA
AC0710	PASS. COMPARTMENT FAN ASSY	CHA
AC0711	RECYCLING MOTOR: EXTERNAL AIR	CHA
AC0712	RECYCLING MOTOR: RECYCLING	CHA
AC0713	CD EJECT	RADIO
AC0714	Front left-hand speaker line test	RADIO
AC0715	Front right-hand speaker line test	RADIO
AC0716	MICROPHONE TEST	RADIO
AC0717	Rear left-hand speaker line test	RADIO
AC0718	Rear right-hand speaker line test	RADIO

# Special Functions List

Index NO.	Functions Name	System Name
SP0001	SPEEDO INDEX	ABS
SP0002	TACHOMETRIC INDEX	ABS
SP0003	CHECK TARGET TEETH	ABS
SP0004	VEHICLE PARAMETERS	ABS
SP0005	Write date of last after sales ope	ABS
SP0006	VIN REGISTRATION	ABS
SP0007	WRITE VIN	ABS
SP0008	Bld hyd unit brk circ	ABS
SP0009	Bleed hydraulic unit and braking circuits	ABS
SP0010	ESP AUTO RECONNECTION THRSH	ABS
SP0011	ESP SENSOR PROGRAMMING	ABS
SP0012	LONGITUDINAL ACCEL SEN	ABS
SP0013	Memory ERASING	ABS
SP0014	TEST MODE	ABS
SP0015	TEST MODE END	ABS
SP0016	TEST MODE EXTEN	ABS
SP0017	VEH. SPEED AT INITIALISATION	ABS
SP0018	STEERING WHL ANGLE SEN	ABS
SP0019	STEERING WHEEL ANGLE SENSOR	ABS
SP0020	ST ANGLE SENSOR ADJUSTMENT	ABS
SP0021	DECEL G SEN CALIBRATION	ABS
SP0022	CALIB DATA	Transmission
SP0023	Calib data	Transmission
SP0024	EEPROM CLEAR CONFIRM	Transmission
SP0025	OIL WEAR COUNTER	Transmission
SP0026	WRITE TM/OIL CHG DATE	Transmission
SP0027	Write date of last after sales ope	Transmission
SP0028	VIN REGISTRATION	Transmission
SP0029	WRITE VIN	Transmission
SP0030	PROGRAM SLIP POINT	Transmission
SP0031	PROGRAMMED VALUES	Transmission
SP0032	Reinit. extreme cold rev gear engage	Transmission
SP0033	AUTO-ADAPTIVES	Transmission



SP0034	CLTCH TOUCHPOINT ADJST	Transmission
SP0035	TM ACTR SELF ADJST	Transmission
SP0036	Programing selection/engaging zones	Transmission
SP0037	AUTO-ADAPTIVES	Transmission
SP0038	CLTH INI CLOSE POS	Transmission
SP0039	CONFORM CVTF DETERIORTN	Transmission
SP0040	Wrte clth ini close pos	Transmission
SP0041	ERASE LEARNING VALUE	Transmission
SP0042	ERASE MEMORY DATA	Transmission
SP0043	ELECTRIC O.P. AIR BLEEDING	Transmission
SP0044	FWD CLUTCH POINT LEARNING	Transmission
SP0045	ENGINE Brake ADJ.	Transmission
SP0046	Read ip chara - replacement tcm	Transmission
SP0047	ENGINE Brake ADJ.	Transmission
SP0048	REMO CONT ID ERASUR	BCM
SP0049	CONFIRM DONGLE ID	BCM
SP0050	ID READ	BCM
SP0051	REMO CONT ID CONFIR	BCM
SP0052	VIN REGISTRATION	BCM
SP0053	REMO CONT ID REGIST	BCM
SP0054	Theft alm trg	BCM
SP0055	ANS BACK I-KEY Unlock	BCM
SP0056	ANS BACK I-KEY lock	BCM
SP0057	ANSWER BACK FUNCTION	BCM
SP0058	AUTO LIGHT LOGIC SET	BCM
SP0059	AUTO lock SET	BCM
SP0060	Anti key lock in functi	BCM
SP0061	Battery saver set	BCM
SP0062	Custom a/light setting	BCM
SP0063	DOOR lock-Unlock SET	BCM
SP0064	DROP WIPE FUNC SET	BCM
SP0065	ENGINE START BY I-KEY	BCM
SP0066	HAZARD ANSWER BACK	BCM
SP0067	HEAD LIGHT TIMER	BCM
SP0068	HORN CHIRP SET	BCM
SP0069	HORN WITH KEYLESS lock	BCM

SP0070	Hazard lamp set	BCM
SP0071	INTELLIGENT KEY LINK SET	BCM
SP0072	Ill delay set	BCM
SP0073	Lo-batt of key fob warn	BCM
SP0074	MULTI ANSWER BACK SET	BCM
SP0075	PANIC ALARM SET	BCM
SP0076	PW DOWN SET	BCM
SP0077	R lamp timer logic set	BCM
SP0078	RETAINED PWR SET	BCM
SP0079	RR WIP RVRS SET	BCM
SP0080	Rain SEN wip func set	BCM
SP0081	Retractable mirror set	BCM
SP0082	Room lamp bat sav set	BCM
SP0083	Room lamp off time set	BCM
SP0084	Room lamp on at lock	BCM
SP0085	Room lamp on time set	BCM
SP0086	Room lamp timer set	BCM
SP0087	SECURITY ALARM SET	BCM
SP0088	SIREN SET	BCM
SP0089	SWITCH TPMS BETWEEN On/Off	BCM
SP0090	Set i/l d-Unlock intcon	BCM
SP0091	TRUNK OPEN DELAY	BCM
SP0092	TRUNK OPEN SET	BCM
SP0093	TRUNK/GLASS HATCH OPEN	BCM
SP0094	WELCOME LIGHT OP SET	BCM
SP0095	Wiper speed setting	BCM
SP0096	lock/Unlock BY I-KEY	BCM
SP0097	SHORT CRANKING OUTPUT	BCM
SP0098	SHORT CRANKING OUTPUT	BCM
SP0099	Room lamp timer set	BCM
SP0100	Ill delay set	BCM
SP0101	HEADLAMP WASHER AUTO SET	BCM
SP0102	SECURITY ALARM SET (SIREN)	BCM
SP0103	WELCOME LIGHT SELECT	BCM
SP0104	INSIDE ANT DIAGNOSIS	BCM
SP0105	KEYLESS REGISTRATION	BCM

SP0106	LASTEST ALARM TRIGGER	BCM
SP0107	OLDEST ALARM TRIGGER	BCM
SP0108	PREVIOUS ALARM TRIGGER	BCM
SP0109	SWITCH MONITOR	BCM
SP0110	St ang sen adjustment	BCM
SP0111	Id regist	BCM
SP0112	CONFIRM KEY FOB ID	BCM
SP0113	Theft alm trg	BCM
SP0114	WELCOME LIGHT SELECT	BCM
SP0115	RESET SETTING VALUE	BCM
SP0116	Reset setting value	BCM
SP0117	REMO CONT ID ERASUR	BCM
SP0118	AUDIBLE TRAILER WARNING	BCM
SP0119	PRE-ARM FAST FLASH	BCM
SP0120	Room lamp timer set	BCM
SP0121	SECURITY ALARM SET	BCM
SP0122	SIREN FITTED	BCM
SP0123	THEFT WARNING	BCM
SP0124	3-TIME FLASHER SETTING	BCM
SP0125	ANS BACK I-KEY Unlock	BCM
SP0126	ANS BACK I-KEY lock	BCM
SP0127	ANSWER BACK	BCM
SP0128	ANSWER BACK FUNCTION	BCM
SP0129	ANSWERBACK I-KEY lock Unlock	BCM
SP0130	ANSWERBACK KEYLESS lock Unlock	BCM
SP0131	AUTO ACC FNCTN (AUDIO/NAVI SET AFTER IGN OFF)	BCM
SP0132	AUTO lock SET	BCM
SP0133	Answer back i-key lock Unlock	BCM
SP0134	Anti key lock in functi	BCM
SP0135	Battery saver set	BCM
SP0136	Box i-key operation mode set	BCM
SP0137	CARGO DOOR SET	BCM
SP0138	Custom a/light setting	BCM
SP0139	DOOR lock-Unlock SET	BCM
SP0140	ENGINE START BY I-KEY	BCM
SP0141	FOG LAMP OVERRIDE	BCM

SP0142	HAZARD ANSWER BACK	BCM
SP0143	HORN CHIRP SET	BCM
SP0144	HORN WITH KEYLESS lock	BCM
SP0145	Hazard lamp set	BCM
SP0146	IGN/ACC BATTERY SAVER	BCM
SP0147	INTELLIGENT KEY LINK SET	BCM
SP0148	Ill delay set	BCM
SP0149	Lo-batt of key fob warn	BCM
SP0150	MULTI ANSWER BACK SET	BCM
SP0151	PANIC ALARM SET	BCM
SP0152	PW DOWN SET	BCM
SP0153	R lamp timer logic set	BCM
SP0154	REMOTE ENGINE STARTER	BCM
SP0155	RR WIP RVRS SET	BCM
SP0156	Retractable mirror set	BCM
SP0157	Room lamp bat sav set	BCM
SP0158	Room lamp off time set	BCM
SP0159	Room lamp on time set	BCM
SP0160	Room lamp timer set	BCM
SP0161	SECURITY ALARM SET	BCM
SP0162	SET R-DEF TIMER	BCM
SP0163	SIGNATURE LIGHT SETTING	BCM
SP0164	SIREN SET	BCM
SP0165	Set i/l d-Unlock intcon	BCM
SP0166	TRUNK OPEN DELAY	BCM
SP0167	TRUNK OPEN SET	BCM
SP0168	TRUNK/GLASS HATCH OPEN	BCM
SP0169	TWILIGHT On	BCM
SP0170	WELCOME LIGHT OP SET	BCM
SP0171	WELCOME LIGHT SELECT	BCM
SP0172	WIPER LINK	BCM
SP0173	Wiper speed setting	BCM
SP0174	lock/Unlock BY I-KEY	BCM
SP0175	Reset setting value	BCM
SP0176	SAVE VIN DATA	Telematics
SP0177	WRITE VIN DATA	Telematics

SP0178	TCU ACTIVATE SETTING	Telematics
SP0179	WRITE VIN	Sonar
SP0180	CENTER SEN DISTANCE SET	Sonar
SP0181	CORNER SEN DISTANCE SET	Sonar
SP0182	PARKING WIDTH LEVEL SETTING	Sonar
SP0183	TRAILER HITCH MODE	Sonar
SP0184	VOLUME SETTING	Sonar
SP0185	VOLUME SETTING	Sonar
SP0186	CALIBRATE ALL	Motor assist
SP0187	ST/ANGLE ADJUSTMENT	EPS/DAST 3
SP0188	SENSOR CALIBRATION	EPS/DAST 3
SP0189	STANDARD HEIGHT LEVEL	E-SUS
SP0190	ADJUST HEIGHT INI	E-SUS
SP0191	CLEAR HEIGHT INI	E-SUS
SP0192	Write date of last after sales ope	Multi AV
SP0193	VIN REGISTRATION	Multi AV
SP0194	WRITE VIN	Multi AV
SP0195	St ang sen adjustment	Multi AV
SP0196	ECU MEMORY	Multi AV
SP0197	EGR ADAPTIVES	Engine
SP0198	A/F INITIAL LEARNING	Engine
SP0199	A/F SEN LEAN CLR	Engine
SP0200	A/f SEN 1 learn CLR	Engine
SP0201	A/f SEN 2 learn CLR	Engine
SP0202	CHECK FUEL LINES	Engine
SP0203	CLSD THL POS LEARN	Engine
SP0204	CML B/DCHRG CRNT CLEAR	Engine
SP0205	CONFIG CLR	Engine
SP0206	DPF DATA CLEAR	Engine
SP0207	DPF DATA CLEAR	Engine
SP0208	Df exh pres SEN learn CLR	Engine
SP0209	Dif ex pre lrn CLR	Engine
SP0210	E/r air temp SEN learn CLR	Engine
SP0211	EGR ADAPTIVES	Engine
SP0212	EGR/V LEARN CLR	Engine
SP0213	Exh prsr SEN learn clear	Engine

SP0214	FUEL PRESSURE RELEASE	Engine
SP0215	G SENSOR CALIBRATION	Engine
SP0216	IGNITION TIMING ADJ	Engine
SP0217	INJ ADJ VAL CLR	Engine
SP0218	ENTER INJCTR CALIB DATA	Engine
SP0219	ENTER INJCTR CALIB DATA	Engine
SP0220	ENTER INJCTR CALIB DATA	Engine
SP0221	INJ ADJ VAL REGIST	Engine
SP0222	DPF DATA CLEAR	Engine
SP0223	EGR/V LEARN CLR	Engine
SP0224	Exh fuel inj data clear	Engine
SP0225	SERVICE REGENE	Engine
SP0226	SERVICE REGENERATION	Engine
SP0227	PUMP PRESSURE REGULATOR TYPE	Engine
SP0228	INJECTOR	Engine
SP0229	INJECTOR	Engine
SP0230	After p/filter regen with diag tool	Engine
SP0231	After replacement of the p/filter	Engine
SP0232	After replacement of the particle filter	Engine
SP0233	EGR VALVE	Engine
SP0234	INLET FLAP	Engine
SP0235	ENTER INJECTOR CODES	Engine
SP0236	HEATER PLUGS	Engine
SP0237	SPEED LIMITER	Engine
SP0238	THERMOPLUNGER	Engine
SP0239	Saving data for replc cpu	Engine
SP0240	Writing data for replc cpu	Engine
SP0241	SERVIC REGENERATION	Engine
SP0242	ENTER INJECTOR CODES	Engine
SP0243	Commercial VHCL idle SPD mod	Engine
SP0244	VIN REGISTRATION	Engine
SP0245	WRITE V. I. N.	Engine
SP0246	INCREMENT IDLE SPEED	Engine
SP0247	Unlock INJECTOR CTRL	Engine
SP0248	ZFC VALUE RESET	Engine
SP0249	lock INJECTOR CTRL	Engine

SP0250	DECREMENT IDLE SPEED	Engine
SP0251	ECU MEMORY	Engine
SP0252	EGR ADAPTIVES	Engine
SP0253	ENGINE ADAPTIVES	Engine
SP0254	FUEL SPLY PREV	Engine
SP0255	INCREMENT IDLE SPEED	Engine
SP0256	LEARNING	Engine
SP0257	OC DATA CLEAR	Engine
SP0258	PRES REG ADAPTIVE	Engine
SP0259	PRESSURE REGULATION ADAPTIVES	Engine
SP0260	PRGRM REINITIALIZE	Engine
SP0261	PROGRAMMED VALUES	Engine
SP0262	PUMP LEANT CLEAR	Engine
SP0263	RESET INJCTR ADAPTATIVE	Engine
SP0264	RESET PUMP FORCEFEEDING	Engine
SP0265	STP FUEL SPLY PREV	Engine
SP0266	STRT OPRTN CNTR CLEAR	Engine
SP0267	Sub-starter & generator oper count clear	Engine
SP0268	TP POS LEARN CLR	Engine
SP0269	TP POS LEARN CLR	Engine
SP0270	TURBOCHARGER PROGRAMMING	Engine
SP0271	Valve timing offset data clear	Engine
SP0272	lock INJECTOR CTRL	Engine
SP0273	Saving data for replc cpu	Engine
SP0274	Writing data for replc cpu	Engine
SP0275	ENTER INJECTOR CODES	Engine
SP0276	TP POS LEARN CLR	Engine
SP0277	V/T CONTROL LEARN	Engine
SP0278	SERVIC REGENERATION	Engine
SP0279	TARGET IDLE RPM ADJ	Engine
SP0280	OC DATA CLEAR	Engine
SP0281	ZFC VALUE RESET	Engine
SP0282	PTO REGISTRATION	Engine
SP0283	PTO REGISTRATION	Engine
SP0284	WRT FUEL LEARN VALUE	Engine
SP0285	ENTER INJCTR CALIB DATA	Engine

SP0286	AFTER DPF REPLACEMENT	Engine
SP0287	LEARNING	Engine
SP0288	PROGRAMMED VALUES	Engine
SP0289	FUEL PRESSURE RELEASE	Engine
SP0290	FAST IDLE SPEED MODIFICATION	Engine
SP0291	FUEL SPLY PREV	Engine
SP0292	RESET PUMP FORCEFEEDING	Engine
SP0293	STP FUEL SPLY PREV	Engine
SP0294	After particle filter regeneration with the diag tool.	Engine
SP0295	High pressure fuel circuit fault finding	Engine
SP0296	READ VIN	Engine
SP0297	ENTER INJECTOR CODES	Engine
SP0298	SPEED LIMITER	Engine
SP0299	EVAP SYSTEM CLOSE	Engine
SP0300	AFTER DPF REGENERATION	Engine
SP0301	THERMOPLUNGER	Engine
SP0302	Saving data for replc cpu	Engine
SP0303	Writing data for replc cpu	Engine
SP0304	SELCT GUIDELINE PATTERN	Rearview camera
SP0305	ADJ GUIDELINE POSITION	Rearview camera
SP0306	WRITE VIN	CIU
SP0307	AIR FLOW REDUCTION SETTING	HVAC
SP0308	AIR INLET CHANGE SETTING	HVAC
SP0309	AROMA DIFFUSER SETTING	HVAC
SP0310	AROMA SETTING	HVAC
SP0311	BLOW SET	HVAC
SP0312	BLOWER MOTOR SETTING	HVAC
SP0313	CLEAN SW SET	HVAC
SP0314	Comp oprt set at def mode (tim/rmt climt cont)	HVAC
SP0315	FRAGRANCE SETTING	HVAC
SP0316	FRE MEMORY SET	HVAC
SP0317	REC MEMORY SET	HVAC
SP0318	Stop/start system operation cond setting	HVAC
SP0319	Target evaporator temp upper limit setting	HVAC
SP0320	GAS SENSOR ADJUSTMENT	HVAC
SP0321	REAR TEMP SET CORRECT	HVAC



SP0322	TEMP SET CORRECT	HVAC
SP0323	Door motor starting position reset	HVAC
SP0324	AIR FLOW REDUCTION SETTING	HVAC
SP0325	GAS SENSOR ADJUSTMENT	HVAC
SP0326	Door motor starting position reset	HVAC
SP0327	Unlock COMPUTER	AIR BAG
SP0328	Unlock ECU	AIR BAG
SP0329	lock COMPUTER	AIR BAG
SP0330	lock ECU	AIR BAG
SP0331	READING IMPACT CONTEXTS	AIR BAG
SP0332	Write date of last after sales ope	AIR BAG
SP0333	VIN REGISTRATION	AIR BAG
SP0334	WRITE VIN	AIR BAG
SP0335	SENSOR CUSTOMIZE	Head lamp levelizer
SP0336	STEERING ANGLE SENSOR ADJUSTMENT	AVM
SP0337	NON-VIEWABLE AREA REMINDER	AVM
SP0338	Select language of warning message	AVM
SP0339	PREDICTIVE COURSE LINE DISPLAY	AVM
SP0340	INITIALIZE CAMERA IMAGE CALIBRATION	AVM
SP0341	UNIT CHARACTERISTICS DATA	All mode AWD/4WD
SP0342	OIL DETERIORATION INFO RESET	All mode AWD/4WD
SP0343	START CALIBRATION	All mode AWD/4WD
SP0344	lock SLEEVE SENSOR INITIALIZE	All mode AWD/4WD
SP0345	lock SLEEVE SENSOR LEARNING	All mode AWD/4WD
SP0346	UNIT CHARACTERISTICS WRITE	All mode AWD/4WD
SP0347	WRITE VIN	RADIO
SP0348	Write date of after sales operation	RADIO
SP0349	Answer back with i-key lock	Intelligent key
SP0350	ANSWER BACK FUNCTION	Intelligent key
SP0351	AUTO RElock TIMER	Intelligent key
SP0352	HAZARD ANSWER BACK	Intelligent key
SP0353	HORN WITH KEYLESS lock	Intelligent key
SP0354	LUG ROOM ENGINE START	Intelligent key
SP0355	P/W DOWN DELAY	Intelligent key
SP0356	PANIC ALARM DELAY	Intelligent key
SP0357	POWER SLIDE DOOR DELAY	Intelligent key

SP0358	SELECTIVE Unlock FUNCTION	Intelligent key
SP0359	TRUNK OPEN DELAY	Intelligent key
SP0360	TRUNK/GLASS HATCH OPEN	Intelligent key
SP0361	Take out from window warn	Intelligent key
SP0362	lock/Unlock BY I-KEY	Intelligent key
SP0363	SHORT CRANKING OUTPUT	Intelligent key
SP0364	ACTIVATE OPERATION	Side radar right
SP0365	DOOR OPENING RETRACT RETRY	Preocrash seatbelt
SP0366	CAUSE OF AUTO-CANCEL	ICC/ADAS
SP0367	CAUSE OF AUTO-CANCEL 1	ICC/ADAS
SP0368	CAUSE OF AUTO-CANCEL 2	ICC/ADAS
SP0369	CAUSE OF AUTO-CANCEL 3	ICC/ADAS
SP0370	Reset auto back door status	Auto back door
SP0371	E/g SW ill heart beat function	Total illum C/U
SP0372	AMBIENCE LAMP FADE-IN/OUT	Total illum C/U
SP0373	E/G SW ILLUMI FADE-IN/OUT	Total illum C/U
SP0374	FOOT LAMP FADE-IN/OUT	Total illum C/U
SP0375	HSPL ILLUMINATION FADE-IN/OUT	Total illum C/U
SP0376	MAP&PERSNL LAMP FADE-IN/OUT	Total illum C/U
SP0377	MOOD LAMP FADE-IN/OUT	Total illum C/U
SP0378	PUDDLE LAMP FADE-IN/OUT	Total illum C/U
SP0379	ACTIVATE OPERATION	Side radar left