



# Shenzhen Xtooltech Co., Ltd

## SUBARU Function List V8.00

### Tips and Instructions:

- \* This feature is new.
- ✓ This feature is supported.
- This feature is not supported.
- ※ This feature is partially supported.

SYSTEM NAME	Read ECU Information	Read Trouble Code	Clear Trouble Code	Live Data	Actuation Test	Special Functions
Engine Control System	✓	✓	✓	✓	1-17、89-125	1-17、89-125
Transmission Control System	✓	✓	✓	✓	83-84、126-133	83-84、126-133
Brake Control System	✓	✓	✓	✓	18-22、85-86、134-135	18-22、85-86、134-135
Airbag System	✓	✓	✓	✓		
Integ.unit mode	✓	✓	✓	✓	18-22、87-88、136-176	18-22、87-88、136-176
Cruise Control System	✓	✓	✓	✓		
Occupant Detection System	✓	✓	✓	✓	177-178	177-178
Keyless access system	✓	✓	✓	✓	179-180	179-180
Power Steering System	✓	✓	✓	✓	181-182	181-182
Tire Pressure Monitor	✓	✓	✓	✓	63-64	63-64
Parking Brake System	✓	✓	✓	✓	65-70	65-70
Air Condition System	✓	✓	✓	✓	71-82、322-324	71-82、322-324
CAN system	✓	✓	✓	✓		
Combination meter	✓	✓	✓	✓	189-296	189-296
Auto Start Stop	✓	✓	✓	✓	297-313	297-313
Automatic Light and Wiper system	✓	✓	✓	✓	183-188	183-188
Automatic Headlight Leveling System	✓	✓	✓	✓		
Hybrid Powertrain Control System	✓	✓	✓	✓	314-321	314-321
Drive Motor Control System	✓	✓	✓	✓		
Power Rear Gate	✓	✓	✓	✓		
Battery Energy Control System	✓	✓	✓	✓		
Adaptive cruise control, radar type	✓	✓	✓	✓		
RADAR ASSY B&S LH	✓	✓	✓	✓		
RADAR ASSY B&S RH	✓	✓	✓	✓		
EyeSight (from 2009MY)	✓	✓	✓	✓		
Multi-function display	✓	✓	✓	✓		
Immobilizer System	✓	✓	✓	✓		
EyeSight Assist Monitor	✓	✓	✓	✓		
Power Seat Memory Mode	✓	✓	✓	✓		
Infotainment System	✓	✓	✓	✓		
Telematics System	✓	✓	✓	✓		

# Actiontest & Speical Functions List

NO.	ActionTest & Speical Functions Name	System Name
1	DealerCheckModeProcedure	ENGINE
2	ImmobilizerSystem	ENGINE
3	TwinTurbochargerSystem	ENGINE
4	ActuatorON/OFFOperation	ENGINE
5	InjectorControl	ENGINE
6	FuelPumpControl	ENGINE
7	EGRValveControl	ENGINE
8	FixedIdleIgnitionTiming	ENGINE
9	IdleSpeedControl	ENGINE
10	EGRSystemDiagnosis	ENGINE
11	DiagnosticCodeDetails	ENGINE
12	LatestDiagnosticCode(s)	ENGINE
13	MemorizedDiagnosticCode(s)	ENGINE
14	DPFmaintenance	ENGINE
15	MaintenanceatthetimeofECMreplacement	ENGINE
16	ATairbleedingmode	ENGINE
17	ATlearningmode	ENGINE
18	ABSSequenceControlMode	ABS
19	VDCCheckMode	ABS
20	SetmodeStr.A.Sen.N&Lat.Gsen.Op	ABS
21	SteeringNeutralGsenser0Set	ABS
22	LongitudinalGsenser0pointsettingmode	ABS
23	Offdelaytime	Integ.unitmode
24	Autolocktime	Integ.unitmode
25	Rrdefoggerop.mode	Integ.unitmode
26	Wiperdeicerop.mode	Integ.unitmode
27	SecurityAlarmSetup	Integ.unitmode
28	ImpactSensorSetup	Integ.unitmode
29	Alarmdelaysetup	Integ.unitmode
30	Lockoutprevention	Integ.unitmode
31	Impacksensor	Integ.unitmode
32	Sirenssetting	Integ.unitmode
33	Answer-backbuzzerssetup	Integ.unitmode
34	Hazardanswer-backsetup	Integ.unitmode
35	Automaticlockingsetup	Integ.unitmode
36	Asn.-backBuzzer	Integ.unitmode
37	Autolocking	Integ.unitmode
38	InitialkeylessSetting	Integ.unitmode
39	Initialbuttonsetting	Integ.unitmode
40	InitialSecuritysetting	Integ.unitmode
41	PassiveAlarm	Integ.unitmode
42	Dooropenwarning	Integ.unitmode
43	A/CECMsetting	Integ.unitmode
44	P/WECMsetting	Integ.unitmode
45	Centerdisplayfailure	Integ.unitmode
46	Wiperdeicer	Integ.unitmode
47	Rearfoglightsetting	Integ.unitmode

48	Factoryinitialsetting	Integ.unitmode
49	Securitysetup	Integ.unitmode
50	Heatercockvalveoutput	Integ.unitmode
51	lockactuat.lockoutput	Integ.unitmode
52	AllseatUNLOCKoutput	Integ.unitmode
53	Rgate/trunkUNLKoutput	Integ.unitmode
54	Doublelockoutput	Integ.unitmode
55	ShiftLockSolenoid	Integ.unitmode
56	KeyLockingOutput	Integ.unitmode
57	KeylessBuzzerOutput	Integ.unitmode
58	Beltbuzzeroutput	Integ.unitmode
59	SirenOutput	Integ.unitmode
60	EKalarmoutput	Integ.unitmode
61	TLalarmoutput	Integ.unitmode
62	HornOutput	Integ.unitmode
63	IDregistration	TirePressureMonitor
64	TransmitterIDdatamonitor	TirePressureMonitor
65	ForceSensorCalibrationMode	ParkingBrakeSystem
66	Break-inParkingBrakeDriveMode	ParkingBrakeSystem
67	ParkingBrakeRemovalMode	ParkingBrakeSystem
68	ClutchEngagementPositionSetting	ParkingBrakeSystem
69	ClutchSensorCalibrationMode	ParkingBrakeSystem
70	ParameterInitializationMode	ParkingBrakeSystem
71	A/CChangeSetting	AirConditionSystem
72	BlowerFanLevelSetting	AirConditionSystem
73	ModeDoorActuatorOpeningAngleTarget	AirConditionSystem
74	Fresh/RecAirDrActTrgtOpenAngle	AirConditionSystem
75	RearVentDrActTrgtOpenAngle	AirConditionSystem
76	AirmixDrActTrgtOpenAngle (Pas's)	AirConditionSystem
77	AirmixDrActTrgtOpenAngle (Driver's)	AirConditionSystem
78	HeaterCoretemperatureSetting	AirConditionSystem
79	PTCSteps	AirConditionSystem
80	Fresh/RecAirDractOpenAngletarget	AirConditionSystem
81	VariableFlowChangeSolDutySetting	AirConditionSystem
82	Variablecompressorbreak-indrive	AirConditionSystem
83	Clear AT learning Value	ECT
84	AWD ON/OFF switching mode	ECT
85	Mode Transition	ABS
86	Brake Lamp Lighting Operation	ABS
87	Keyless ID erasure	Integ.unitmode
88	Keyless ID registration	Integ.unitmode
89	Fuel pump relay	ENGINE
90	CPC relay	ENGINE
91	Radiator Fan Relay	ENGINE
92	A/C Compressor Relay	ENGINE
93	PCV Solenoid Valve	ENGINE
94	Vent Control Solenoid Valve	ENGINE
95	Tank internal pressure exchange solenoid	ENGINE
96	Turbocharger Wastegate Solenoid	ENGINE
97	Secondary Air Combi Valve 1	ENGINE

98	Secondary Air Combi Valve 2	ENGINE
99	Sec. Air Pump Relay	ENGINE
100	CPC Relay 2	ENGINE
101	Sub Fuel Pump Relay	ENGINE
102	Fuel Pressure Switching Solenoid	ENGINE
103	ELCM switching valve	ENGINE
104	ELCM pump	ENGINE
105	Brake Vacuum Pump Relay	ENGINE
106	Immobilizer System	ENGINE
107	Injector Control	ENGINE
108	EGR Valve Control	ENGINE
109	LP-EGR Valve Control	ENGINE
110	Exhaust Control Valve Control	ENGINE
111	High Pressure Fuel Inspection	ENGINE
112	Alternator control	ENGINE
113	Active Grille Shutter Control	ENGINE
114	Compression monitor	ENGINE
115	Injector Code Registration Mode	ENGINE
116	Fuel pump duty learning	ENGINE
117	Fuel injector injection amount learning	ENGINE
118	EGR valve opening angle learning	ENGINE
119	Turbo vanes angle learning	ENGINE
120	Air flow sensor learning	ENGINE
121	Engine oil change	ENGINE
122	DPF change	ENGINE
123	DPF regeneration	ENGINE
124	Cancel Code(s) Display	ENGINE
125	ECU spec. information	ENGINE
126	F&R Clutch Solenoid	ECT
127	Secondary Solenoid	ECT
128	Primary Down Solenoid	ECT
129	Primary Up Solenoid	ECT
130	AWD Solenoid	ECT
131	Lock-Up Duty Solenoid	ECT
132	Lock-Up ON/OFF Solenoid	ECT
133	ECU spec. information	ECT
134	Brake Maintenance Mode	ABS
135	ECU spec. information	ABS
136	Heater cock valve output	Integ.unitmode
137	lock actuator LOCK output	Integ.unitmode
138	All seat UNLOCK output	Integ.unitmode
139	R gate/trunk UNLOCK output	Integ.unitmode
140	Double lock output	Integ.unitmode
141	Shift lock solenoid output	Integ.unitmode
142	Key lock solenoid output	Integ.unitmode
143	Keyless Buzzer Output	Integ.unitmode
144	EK alarm output	Integ.unitmode
145	Horn Output	Integ.unitmode
146	Panic Braking Hazard Light Signal	Integ.unitmode
147	Door Mirror Light Signal	Integ.unitmode

148	ECU spec. information	Integ.unitmode
149	Off delay time	Integ.unitmode
150	Auto lock time	Integ.unitmode
151	Rr Defogger op. mode	Integ.unitmode
152	Lockout prevention	Integ.unitmode
153	Abnormal warning lamp flashing setting	Integ.unitmode
154	Automatic lock setting	Integ.unitmode
155	Initial keyless setting	Integ.unitmode
156	Initial button setting	Integ.unitmode
157	Select unlock switch	Integ.unitmode
158	Door open warning	Integ.unitmode
159	Auto A/C setting	Integ.unitmode
160	Wiper Deicer setting	Integ.unitmode
161	Rear fog light setting	Integ.unitmode
162	Illumination Control On/Off	Integ.unitmode
163	Sedan/Wagon Setting	Integ.unitmode
164	MT/AT Setting	Integ.unitmode
165	6MT Setting	Integ.unitmode
166	Rain drop Detection Sensor Setting	Integ.unitmode
167	Illumination Sensor Setting	Integ.unitmode
168	Factory initial setting	Integ.unitmode
169	Auto Wiper/INT Setting	Integ.unitmode
170	Power rear gate setting	Integ.unitmode
171	Lane change signal setting	Integ.unitmode
172	Rear wiper auto setting	Integ.unitmode
173	Xmode SW setting	Integ.unitmode
174	TPMS Setting	Integ.unitmode
175	Driver's Door Unlock Setting	Integ.unitmode
176	Rear Gate Unlock Setting	Integ.unitmode
177	ECU spec. information	Occupant Detection System
178	Re-zeroing	Occupant Detection System
179	ECU spec. information	Keyless access system
180	Collation result history Clear	Keyless access system
181	ECU spec. information	Power Steering System
182	Clear Vehicle Specific Assist Map	Power Steering System
183	Sensor initial setting	Automatic Light and Wiper system
184	Auto Light Sensitivity Adjustment	Automatic Light and Wiper system
185	Auto Wiper/INT Setting	Automatic Light and Wiper system
186	Wiper link Auto Light Setting	Automatic Light and Wiper system
187	Auto Dimmer Cancel setting	Automatic Light and Wiper system
188	Auto Wiper at startup Setting	Automatic Light and Wiper system
189	Air temperature correction	Combination meter
190	Mean fuel efficiency correction	Combination meter
191	Rear seat belt warning customize	Combination meter
192	Second level belt warning customize	Combination meter
193	EPS setting presence state	Combination meter
194	Demonstration mode premission / fault permission	Combination meter
195	Speed Meter Operation	Combination meter
196	TachoMeter Operation	Combination meter
197	Fuel Meter Operation	Combination meter

198	Water thermometer	Combination meter
199	Voltmeter	Combination meter
200	Oil pressure gauge	Combination meter
201	Economy gauge	Combination meter
202	Power meter	Combination meter
203	LCD display all lighted	Combination meter
204	AT shift	Combination meter
205	MT shift	Combination meter
206	Odometer	Combination meter
207	Trip meter	Combination meter
208	Fuel gauge bar display	Combination meter
209	Water thermometer bar display	Combination meter
210	SPORT indicator	Combination meter
211	Shift-up indicator	Combination meter
212	CRUISE(CC) indicator	Combination meter
213	CRUISE(ACC) indicator	Combination meter
214	SET indicator	Combination meter
215	READY indicator	Combination meter
216	SI drive indicator	Combination meter
217	X mode indicator	Combination meter
218	Eyesight display	Combination meter
219	Each seat door display	Combination meter
220	[ S ] indicator	Combination meter
221	Lamp check	Combination meter
222	High-beam indicator	Combination meter
223	Position light indicator	Combination meter
224	Front fog light indicator	Combination meter
225	Rear fog light indicator	Combination meter
226	Water temperature (COOL) indicator	Combination meter
227	VDC OFF indicator	Combination meter
228	VDC operation/failure indicator	Combination meter
229	Hill start assist OFF/failure indicator	Combination meter
230	ECO indicator	Combination meter
231	SPORT indicator	Combination meter
232	Shift-up indicator	Combination meter
233	Glow indicator	Combination meter
234	Auto Start Stop operating light	Combination meter
235	Auto Start Stop OFF/failure indicator	Combination meter
236	LANE OFF indicator	Combination meter
237	P-CR OFF indicator	Combination meter
238	Hill descent assist indicator	Combination meter
239	EV mode indicator	Combination meter
240	HEV READY indicator	Combination meter
241	EPB hill hold indicator	Combination meter
242	Dual-range LO indicator	Combination meter
243	REV/RED ZONE indicator	Combination meter
244	Traction mode indicator	Combination meter
245	EPB active indicator	Combination meter
246	SPF OFF indicator	Combination meter
247	AFS OFF indicator	Combination meter

248	HBA indicator	Combination meter
249	SRVD OFF indicator	Combination meter
250	Driver side seat belt warning	Combination meter
251	Airbag warning	Combination meter
252	TPMS warning	Combination meter
253	No-key warning	Combination meter
254	All seats door warning	Combination meter
255	Water temperature (HOT) warning	Combination meter
256	E/G remaining oil warning	Combination meter
257	AT (CVT) oil temperature warning	Combination meter
258	R.DIFF oil temperature warning	Combination meter
259	ABS warning	Combination meter
260	BRAKE warning	Combination meter
261	EPB warning	Combination meter
262	EPB hill start assist warning	Combination meter
263	AWD warning	Combination meter
264	Sedimenter warning	Combination meter
265	DPF clogging warning	Combination meter
267	Remaining washer fluid washer	Combination meter
268	Remaining fuel warning	Combination meter
269	EPS warning	Combination meter
270	Diesel over-rev indicator	Combination meter
271	Remaining urea warning	Combination meter
272	EYESIGHT failure warning	Combination meter
273	Check E/G warning	Combination meter
274	Obstacle detected warning	Combination meter
275	Lane departure warning	Combination meter
276	Stay alert warning	Combination meter
277	HEV fail warning	Combination meter
278	Charge warning	Combination meter
279	Oil pressure warning	Combination meter
280	LED LO beam warning	Combination meter
281	Vacuum pump warning	Combination meter
282	Rear seat (right) seat belt warning	Combination meter
283	HID auto leveler warning	Combination meter
284	Passenger side seat belt warning	Combination meter
285	Rear seat (center) seat belt warning	Combination meter
286	Rear seat (left) seat belt warning	Combination meter
287	Mean fuel efficiency A display value	Combination meter
288	Lifetime fuel efficiency display value	Combination meter
289	Momentary fuel efficiency display value	Combination meter
290	Mean fuel efficiency B display value	Combination meter
291	Remaining fuel cruising distance display value	Combination meter
292	Ambient Air Temperature	Combination meter
293	Mean vehicle speed display value	Combination meter
294	Brightness check	Combination meter
295	Buzzer output	Combination meter
296	Display Operation Check Mode	Combination meter
297	ECU spec. information	Auto Start Stop
298	Engine start	Auto Start Stop



299	Cut relay ON/OFF drive	Auto Start Stop
300	Relay 1 ON/OFF drive	Auto Start Stop
301	Relay 2 ON/OFF drive	Auto Start Stop
302	ICR relay ON/OFF drive	Auto Start Stop
303	Electric oil pump control	Auto Start Stop
304	Relay ON/OFF drive	Auto Start Stop
305	Pump ON/OFF drive	Auto Start Stop
306	Sub power supply control	Auto Start Stop
307	Engine stop control	Auto Start Stop
308	Maintenance at the time of starter replacement	Auto Start Stop
309	Maintenance at the time of ECU replacement	Auto Start Stop
310	Turn signal ON stop prohibition setting	Auto Start Stop
311	Wiper ON stop prohibition setting	Auto Start Stop
312	Inclination stop prohibition setting	Auto Start Stop
313	Hazard lamp ON stop prohibition setting	Auto Start Stop
314	ECU spec. information	Hybrid Powertrain Control System
315	ISG Cranking Operation	Hybrid Powertrain Control System
316	ISG Voltage Control	Hybrid Powertrain Control System
317	Brake Vacuum Pump System Check	Hybrid Powertrain Control System
318	12V Battery Relay Operation	Hybrid Powertrain Control System
319	DCDC Converter Output Voltage Control	Hybrid Powertrain Control System
320	Engine only Drive Mode	Hybrid Powertrain Control System
321	Auto Start Stop Cancel Drive Mode (Engine only or Engine + Motor)	Hybrid Powertrain Control System
322	ECU spec. information	Air Condition System
323	Variable compressor break-in drive	Air Condition System
324	System Operation Check Mode	Air Condition System