



# Shenzhen Xtooltech Co., Ltd

## Acura Function List V11.62

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.

System Name	Read ECU Information	Read Trouble Code	Clear Trouble Code	Live Data	Read Freeze Frame	Actuation Test	Special Functions
ENG	✓	✓	✓	✓	✓	1-59, 378-380, 402, 434-435	1-28, 173, 195
AT	✓	✓	✓	✓	✓	60-88, 381-383	29-33, 123-136
ABS	✓	✓	✓	✓	✓	89-101, 387-388, 424	34-41, 156, 174-177
SRS	✓	✓	✓	✓	✓	102-108, 393	42-47
BODY ELECTRICAL (BCM)	✓	✓	✓	✓	✓	109-216, 356-377, 384	48-55, 107-122, 141-155
Adaptive Cruise Control (ACC)	✓	✓	✓	✓	✓	217-235, 400-401, 425-431	56
ACM	✓	✓	✓	✓	✓	236-238	57
Electric Power Steering (EPS)	✓	✓	✓	✓	✓	239-243	58-61
E-Pretensioner (EPT)							62
EVPS	✓	✓	✓	✓	✓	385-386	
IMA	✓	✓	✓	✓	✓	244-247	63, 192-194
SH-AWD	✓	✓	✓	✓	✓	248-254, 396-399, 432-433	178-181
Seat Weight Sensor (SWS)		✓	✓			255-256	
Tire Pressure Monitoring System	✓	✓	✓	✓	✓	257-264	64, 156-159
IMMOBI							65-69
VTM-4	✓	✓	✓	✓	✓	265-267	164-165
Active Damper System (ADS)	✓	✓	✓	✓	✓	268, 391	70
Active Torque Transfer System	✓	✓	✓	✓	✓	269-272	

DBW	✓	✓	✓	✓	✓	394-395	191
4 Wheel Steering(4WS)	✓	✓	✓	✓	✓	273-276	71-72
i-SHIFT	✓	✓	✓	✓		277-279	73-75
Electric Parking Brake (EPB)	✓	✓	✓	✓			76-77
CMBS	✓	✓	✓	✓	✓	280-281	78, 163
Hydraulic Booster (HYDRBST)	✓	✓	✓	✓		282-286	79
LKAS_CAMERA	✓	✓	✓	✓	✓	287-288, 392	
LKAS_CONTROL	✓	✓	✓	✓	✓		80-81, 162
PCU	✓	✓	✓	✓		389-390	82-83
PUH	✓	✓	✓	✓		289-290	
SLOT_ECU	✓	✓	✓	✓			84-88
SMART_H	✓	✓	✓	✓		291-338	89-91, 182-186
SMART_PARKING	✓	✓	✓	✓	✓	339	92-93
iNVS	✓	✓	✓	✓	✓	340-342	94-95
Real Time AWD/AWD with Intelligent Control		✓	✓	✓	✓	422	96-97, 190
Electric servo brake system (ESB)	✓	✓	✓	✓	✓	343-344	98
Vehicle sound warning system (AVAS)	✓	✓	✓	✓			
CAN Gateway (CANGW)	✓	✓	✓	✓		423	
Precision four-wheel steering (RTC)	✓	✓	✓	✓	✓	345	187
EDLC (BBC)	✓	✓	✓	✓		346-348	
Air intake sounder (ISC)	✓	✓	✓				
Integrated driver assistance system (IDAS)	✓	✓	✓	✓	✓	349-354	99-101, 161
Remote starter (RCS)	✓			✓	✓	355	102-104, 160
Head-Up Display (HUD)	✓	✓	✓	✓	✓		105-106
Meter (CAN_METER)	✓	✓	✓	✓			137-140, 188-189
Urban active braking system (CTBA)	✓	✓	✓	✓		403-405	166-167
FCW/LDW camera unit (FCM)	✓	✓	✓	✓	✓		168-170
FCV/SCM (FC_ISU)	✓	✓	✓			406-421	171-172
Electric Brake Booster (EBB)	✓	✓	✓	✓			

# Actuation Functions List

No.	Functions Name	System Name
1	Injector Test	ENG
2	All Injectors Off	ENG
3	EGR Test	ENG
4	IMRC Test	ENG
5	Glow On/Off	ENG
6	ACG On/Off	ENG
7	A/C Clutch On/Off	ENG
8	Fuel Heater On/ Off	ENG
9	Radiator Fan Relay Test	ENG
10	EGR Cooler Bypass Valve Test	ENG
11	Intake Shutter Valve (ISV) Test	ENG
12	EVAP TEST	ENG
13	IMT (IMRC) TEST	ENG
14	IACV TEST	ENG
15	VTEC TEST	ENG
16	ETCS (TAC) TEST	ENG
17	RADIATOR FAN	ENG
18	A/C CLUTCH	ENG
19	FUEL PUMP ON	ENG
20	FUEL PUMP OFF	ENG
21	ALL INJECTORS STOP	ENG
22	ONE INJECTOR STOP	ENG
23	CRUISE CONTROL CANCEL HISTORY	ENG
24	VTC TEST	ENG
25	TC WASTEGATE CONTROL SOLENOID VALVE TEST	ENG
26	TC BYPASS CONTROL SOLENOID VALVE TEST	ENG
27	TC BOOST CONTROL SOLENOID VALVE TEST	ENG
28	ACM	ENG
29	SUBFUEL SOLENOID VALVE TEST	ENG
30	STARTER TEST	ENG
31	WGS TEST	ENG
32	Compression Test	ENG

33	Idle Speed Adjust	ENG
34	VTEC LOW V/T CHECK	ENG
35	O2S TEST	ENG
36	Fuel Rail Pressure Control Valve Test	ENG
37	ABV TEST	ENG
38	FUEL PRESSURE TEST	ENG
39	In Tank Pump Activation	ENG
40	Low Pressure EGR Actuator Test	ENG
41	High Pressure EGR Actuator Test	ENG
42	Intake Pressure Control Valve Actuator Test	ENG
43	Low Pressure EGR System Test	ENG
44	Low Pressure EGR Differential Pressure Sensor Test	ENG
45	Two-Stage Turbo Charger Boost Test	ENG
46	VTEC Solenoid Test	ENG
47	VTEC rocker oil control solenoid valve A on/off	ENG
48	VTEC rocker oil control solenoid valve B on/off	ENG
49	Electronic throttle control unit test	ENG
50	ABV Test	ENG
51	TMU Electric Oil Pump Pressure Test	ENG
52	2nd ECU (CNG) forced drive test	ENG
53	Flexible fuel car heater control unit	ENG
54	electric water pump test	ENG
55	TMU electronic oil pump test	ENG
56	Variable capacity engine oil pump solenoid test	ENG
57	Cylinder AF Test	ENG
58	DI Fuel Pressure Test	ENG
59	IDLE STOP STARTER COUNTER CHECK	ENG
60	Shift Lock Solenoid Test	AT
61	Shift Solenoid Test	AT
62	Inhibitor Solenoid Test	AT
63	Start Clutch Feedback Learn	AT
64	Start Clutch Status Data Clear	AT
65	Electrical Oil Pump Activation	AT
66	Line Pressure Solenoid Test	AT
67	Clutch Pressure Control (Linear) Solenoid Valve A	AT
68	Clutch Pressure Control (Linear) Solenoid Valve B	AT

69	Clutch Pressure Control (Linear) Solenoid Valve C	AT
70	Clutch Pressure Control (Linear) Solenoid Valve D	AT
71	Clutch Pressure Control Solenoid Valve Control	AT
72	Pressure Test Assistance Mode	AT
73	Inhibitor Solenoid	AT
74	CAS Solenoid A (LF)	AT
75	CAS Solenoid B (RF)	AT
76	Lockup Solenoid Test	AT
77	Shift Solenoid A	AT
78	Shift Solenoid D	AT
79	Shift Solenoid E	AT
80	Indicator Test	AT
81	ATFP Motor Test	AT
82	Shift solenoid Valve O/P	AT
83	Shift Solenoid B	AT
84	Shift Solenoid C	AT
85	Clutch Pressure Control Solenoid Valve A	AT
86	Clutch Pressure Control Solenoid Valve B	AT
87	Clutch Pressure Control Solenoid Valve C	AT
88	Clutch Pressure Control Solenoid Valve D	AT
89	Left Front Solenoid	ABS
90	Right Front Solenoid	ABS
91	Left Rear Solenoid	ABS
92	Right Rear Solenoid	ABS
93	Left Front VSA	ABS
94	Right Front VSA	ABS
95	Left Rear VSA	ABS
96	Right Rear VSA	ABS
97	Front left/right front/left rear/right rear solenoid valve	ABS
98	Front left/right front/left rear/right rear VSA (Vehicle Stability Assi	ABS
99	Mode Clear	ABS
100	Pulser test	ABS
101	Brake Light Relay/TSA Relay Test	ABS
102	Blinking Side Airbag Indicator Test	SRS
103	Seat Output Check	SRS
104	SWS DTC Check	SRS

105	AFTER A VEHICLE COLLISION	SRS
106	AFTER REPLACING FRONT PASSENGER' s SEAT COMPONENT(S)	SRS
107	Self-diagnostic function	BCM
108	Speedometer	BCM
109	Tachometer	BCM
110	VSA/TCS Activation Indicator	BCM
111	VSA/TCS Indicator	BCM
112	ABS INDICATOR	BCM
113	EBD Indicator(Electronic Brake Display)	BCM
114	Cruise Activation Indicator	BCM
115	MIL Status	BCM
116	Daytime Running Lights Indicator(Canada)	BCM
117	Engine Oil Pressure Indicator	BCM
118	Charging System Indicator	BCM
119	Cruise Control Main Switch Indicator	BCM
120	Maintenance Required Indicator	BCM
121	High Beam Indicator	BCM
122	Light On Indicator	BCM
123	Low fuel level indicator	BCM
124	Security Indicator	BCM
125	Trip Meter	BCM
126	A/T Gear Position Indicator (P)	BCM
127	A/T Gear Position Indicator (R)	BCM
128	A/T Gear Position Indicator (N)	BCM
129	A/T Gear Position Indicator (D)	BCM
130	A/T Gear Position Indicator (D3)	BCM
131	A/T Gear Position Indicator (2)	BCM
132	A/T Gear Position Indicator (1)	BCM
133	A/T Gear Position Indicator (M)	BCM
134	Sequential Sport Shift Mode Indicator	BCM
135	Illumination Brightness Control	BCM
136	Key Alarm Chime	BCM
137	Headlight Alarm Chime	BCM
138	Seatbelt Reminder Chime	BCM
139	Ignition Key Cylinder Light Command	BCM
140	Interior Light Command	BCM

141	Foot Light Command	BCM
142	Left Turn Signal Command	BCM
143	Right Turn Signal Command	BCM
144	Hazard Flasher	BCM
145	REAR FOG LIGHT	BCM
146	Headlight Command	BCM
147	Headlight High Beam Command	BCM
148	Parking Light Command	BCM
149	Auto Light Headlights	BCM
150	Cargo Area Light	BCM
151	Floor Light(Rear door ashtray light)	BCM
152	Head light cleaner	BCM
153	Lock All Doors	BCM
154	Unlock Driver's Side Door	BCM
155	Unlock All Doors	BCM
156	Fuel Fill Door Open	BCM
157	Left Power Sliding Door	BCM
158	Right Power Sliding Door	BCM
159	Trunk Lid Release Command	BCM
160	Keyless Buzzer	BCM
161	Keyless Check	BCM
162	Driver's Window Up	BCM
163	Driver's Window Down	BCM
164	Front Passenger's Window Up	BCM
165	Front Passenger's Window Down	BCM
166	Left Rear Window Up	BCM
167	Left Rear Window Down	BCM
168	Right Rear Window Down	BCM
169	Right Rear Window Up	BCM
170	Power Window Relay Command	BCM
171	Front Wiper - LOW	BCM
172	Front Wiper - HIGH	BCM
173	Front Wiper - INT	BCM
174	Rear Wiper	BCM
175	Windshield Wiper Motor Low Command	BCM
176	Windshield Wiper Motor High Command	BCM

177	Windshield Washer Command	BCM
178	Rear Wiper Motor	BCM
179	Rear Wiper Washer	BCM
180	Horn Command	BCM
181	Hazard Signal Command	BCM
182	Climate Control Unit Self Test	BCM
183	TFT-LCD backlight(with Navi) - Turn on for 5s	BCM
184	Segment LCD(Without Navi) - Turn on for 5s	BCM
185	Sub display segment LCD - Turn on for 5s	BCM
186	Front Panel Check	BCM
187	PTG drive motor	BCM
188	PTG clutch	BCM
189	PTG release motor	BCM
190	Power Trunk Lid Magnetic Clutch	BCM
191	Power Release Latch Motor	BCM
192	Power Seat Indicator	BCM
193	Power Seat	BCM
194	Power Mirror	BCM
195	Column Motor	BCM
196	Passcode clear	BCM
197	LED Operation - Red	BCM
198	LED Operation - Green	BCM
199	Headlight Motor - Left/Right	BCM
200	Headlight Motor - Up/Down	BCM
201	Auto Leveling Adjust Motor	BCM
202	Left PSD Drive Motor - Open	BCM
203	Left PSD Drive Motor - Close	BCM
204	Left PSD Clutch Release	BCM
205	Left PSD Release Actuator	BCM
206	Left PSD Closer Motor	BCM
207	Left PSD Buzzer	BCM
208	Right PSD Drive Motor - Open	BCM
209	Right PSD Drive Motor - Close	BCM
210	Right PSD Clutch Release	BCM
211	Right PSD Release Actuator	BCM
212	Right PSD Closer Motor	BCM



213	Right PSD Buzzer	BCM
214	Left Side Cornering Light	BCM
215	Right Side Cornering Light	BCM
216	Auto Leveling Adjust Motor	BCM
217	THROTTLE OPENING ANGLE	ACC
218	BRAKE BOOSTER 1	ACC
219	BRAKE BOOSTER 2	ACC
220	LIGHT CHECK	ACC
221	BUZZER CHECK	ACC
222	BRAKE ACTUATOR 1	ACC
223	BRAKE ACTUATOR 2	ACC
224	BRAKE ACTUATOR 3	ACC
225	CMBS BRAKE	ACC
226	ACC RELAY	ACC
227	INDICATOR LIGHT	ACC
228	INFORMATION DISPLAY	ACC
229	ALARM BUZZER	ACC
230	ACC Brake	ACC
231	BRAKE LIGHT	ACC
232	Alarm Test	ACC
233	CMBS Brake	ACC
234	FRONT ACM SOLENOID	ACM
235	REAR ACM SOLENOID	ACM
236	FRONT AND REAR ACM SOLENOIDS	ACM
237	Torque Sensor Learn	EPS
238	Frequency Change	EPS
239	Steering Angle Sensor	EPS
240	Gear Ratio Sensor	EPS
241	A/C Fan Minimum	EPS
242	BM FAN DRIVE	IMA
243	MPIM FAN DRIVE	IMA
244	IPU FAN DRIVE	IMA
245	IPU MODULE FAN DRIVE TEST	IMA
246	Initialization	SH-AWD
247	Shift Solenoid Test	SH-AWD
248	Differential Torque	SH-AWD

249	YAW Rate/Lateral Acceleration Sensor	SH-AWD
250	Steering Angle Sensor	SH-AWD
251	ALL Sensor	SH-AWD
252	CLUTCH COIL TEST	SH-AWD
253	SEAT OUTPUT CHECK	SWS
254	AFTER A VEHICLE COLLISION	SWS
255	INITIATOR OPERATION CHECK	TPMS
256	TPMS WARNING LIGHT	TPMS
257	TIRE AIR LOW INDICATOR	TPMS
258	LR TIRE AIR LOW INDICATOR	TPMS
259	RR TIRE AIR LOW INDICATOR	TPMS
260	LF TIRE AIR LOW INDICATOR	TPMS
261	RF TIRE AIR LOW INDICATOR	TPMS
262	Warning Indicators	TPMS
263	INITIALIZATION	VTM-4
264	LEFT CLUTCH ELECTROMAGNETIC COIL TEST	VTM-4
265	RIGHT CLUTCH ELECTROMAGNETIC COIL TEST	VTM-4
266	Damper Force Operation Test	ADS
267	ATTS TEST SHORT TIME MODE	ATTS
268	STEERING ANGLE	ATTS
269	LATERAL G & YAW RATE SENSORS	ATTS
270	ALL SENSORS	ATTS
271	FRONT MAIN SENSOR NEUTRAL CHECK	4WS
272	FRONT SUB SENSOR NEUTRAL CHECK	4WS
273	REAR MAIN SENSOR NEUTRAL CHECK	4WS
274	REAR SUB SENSOR NEUTRAL CHECK	4WS
275	Engage Gear	i-SHIFT
276	Clutch Actuator Full Stroke Operation Test	i-SHIFT
277	Gear Box Self Test	i-SHIFT
278	RADAR AIMING	CMBS
279	CMBS (CMS) BRAKE	CMBS
280	Accumulating Pressure Test	HYDRBST
281	Increasing Master Cylinder pressure Test	HYDRBST
282	Regenerative Brake Test	HYDRBST
283	Hydraulic Booster CAS Test	HYDRBST
284	Buzzer Test	HYDRBST

285	VIDEO OUTPUT	LKAS_CAMERA
286	STATIC CAMERA AIMING	LKAS_CAMERA
287	VEHICLE LEVEL POSITION CALIBRATION	PUH
288	WARNING DISPLAY FORCE ACTIVATION	PUH
289	Immobilizer Indicator Driving	SMART_H
290	Keyless Access Indicator Driving	SMART_H
291	[NO KEYLESS ACCESS Remote] Indication	SMART_H
292	[KEYLESS ACCESS Remote BATT] Indication	SMART_H
293	Interior Buzzer Driving	SMART_H
294	Exterior Buzzer Driving	SMART_H
295	(IGNITION) Key Switch Driving	SMART_H
296	IMOCONT Driving	SMART_H
297	IGNCONT Driving	SMART_H
298	S-net line (IM OCD Terminal) Driving	SMART_H
299	IGNTRX Line Driving	SMART_H
300	RF1 RXVCC Driving	SMART_H
301	RF2 RXVCC Driving	SMART_H
302	RF1 TXVCC Driving	SMART_H
303	RF2 TXVCC Driving	SMART_H
304	Driver (Door) Antenna Driving	SMART_H
305	Front Passenger (Door) Antenna Driving	SMART_H
306	Driver Side Rear (Door) Antenna Driving	SMART_H
307	Passenger Side Rear (Door) Antenna Driving	SMART_H
308	Driver Side-Glass Antenna Driving	SMART_H
309	Passenger Side-Glass Antenna Driving	SMART_H
310	Trunk/Tailgate/Rear Bumper Antenna Driving	SMART_H
311	Front Interior Antenna Driving	SMART_H
312	Middle Interior Antenna Driving	SMART_H
313	Rear Interior Antenna Driving	SMART_H
314	Rear Interior Tray Antenna Driving	SMART_H
315	Trunk/Rear Shelf Antenna Driving	SMART_H
316	Driver (Door) Antenna L DC Output	SMART_H
317	Front Passenger (Door) Antenna L DC Output	SMART_H
318	Driver Side Rear (Door) Antenna L DC Output	SMART_H
319	Passenger Side Rear (Door) Antenna L DC Output	SMART_H
320	Driver Side-Glass Antenna L DC Output	SMART_H

321	Passenger Side-Glass Antenna L DC Output	SMART_H
322	Trunk/Tailgate/Rear Bumper Antenna L DC Output	SMART_H
323	Front Interior Antenna L DC Output	SMART_H
324	Middle Interior Antenna L DC Output	SMART_H
325	Rear Interior Antenna L DC Output	SMART_H
326	Rear Interior Tray Antenna L DC Output	SMART_H
327	Trunk/Rear Shelf Antenna L DC Output	SMART_H
328	RF1 TXD DC Output	SMART_H
329	RF2 TXD DC Output	SMART_H
330	[DO NOT HAVE KEYLESS ACCESS Remote] Indication	SMART_H
331	Exterior Buzzer Driving (Short Time)	SMART_H
332	Door Lock Driving	SMART_H
333	Door Unlock Driving	SMART_H
334	Auto Lock Cancel Switch Indicator Driving	SMART_H
335	KEYLESS ACCESS Remote - Customize Link To Driver 1 Driving	SMART_H
336	KEYLESS ACCESS Remote - Customize Link To Driver 2 Driving	SMART_H
337	KEYLESS ACCESS Remote Slot Antenna Driving	SMART_H
338	KEYLESS ACCESS Remote Slot Antenna DC Output	SMART_H
339	Voice Guide Output Test	SMART_PARKING
340	Head Up Display Test	iNVS
341	Camera Test	iNVS
342	Heater Test	iNVS
343	Forced non-auxiliary mode	Electric servo brake system(ESB)
344	Brake light relay test	Electric servo brake system(ESB)
345	Actuator Test	EDLC(BBC)
346	EDLC module discharge and charge test	EDLC(BBC)

347	Discharge of EDLC module for disassembly or disposal	EDLC (BBC)
348	Clear EDLC module usage history	Integrated driver assistance system(IDAS)
349	ACC brake(brake actuator)	Integrated driver assistance system(IDAS)
350	CMBS brake	Integrated driver assistance system(IDAS)
351	Brake light	Integrated driver assistance system(IDAS)
352	LED	Integrated driver assistance system(IDAS)
353	Information Display	Integrated driver assistance system(IDAS)
354	alarm test	Integrated driver assistance system(IDAS)
355	System Check	Remote starter(RCS)
356	BSI left alarm indicator "open"	BCM
357	Refresh the BSI left alarm indicator	BCM
358	BSI right side alarm indicator "open"	BCM
359	Refresh the BSI alarm indicator on the right	BCM
360	BSI indicator "on"	BCM
361	BSI indicator "off"	BCM
362	Check Blind Spot Information System	BCM
363	BSI buzzer	BCM
364	BSI open information	BCM
365	Right BSI radar is not available	BCM
366	Left BSI radar is not available	BCM
367	Monitor output	BCM
368	LED lights	BCM
369	Front camera image	BCM
370	Left camera image	BCM
371	Right camera image	BCM
372	Rear camera	BCM
373	MVC function	BCM
374	Set to default	BCM
375	customize	BCM
376	Monitor and alarm	BCM
377	Display Rear Camera output image	BCM
378	Fuel pipe pressure test	ENG
379	Rocker arm oil control solenoid valve C open/close	ENG
380	Cylinder rotation speed change test	ENG
381	Tilt sensor learning	AT
382	Program for tilt correction to learn to drive a vehicle	AT

383	Forced shift function	AT
384	Keyless inspection	BCM
385	Vacuum line condition check 1	EVPS
386	Vacuum line condition check 2	EVPS
387	ESS activation	ABS
388	VSA-TCS control valve	ABS
389	ESL connection power	PCU
390	function test	PCU
391	Damper forced operation test	ADS
392	Dynamic camera alignment	LKAS_CAMERA
393	CAS test	ABS
394	Idle speed adjustment	DBW
395	Throttle test	DBW
396	Shift solenoid valve current test	SH-AWD
397	Speed up device testing	SH-AWD
398	Direct electromagnetic clutch test	SH-AWD
399	Clutch characteristic test	SH-AWD
400	ACC solenoid valve	Adaptive Cruise Control(ACC)
401	Alarm buzzer	Adaptive Cruise Control(ACC)
402	Battery fan test	ENG
403	FCW driver	FCW/LDW camera unit(FCM)
404	LDW driver	FCW/LDW camera unit(FCM)
405	Indicator drive	FCW/LDW camera unit(FCM)
406	High voltage battery charging mode	FCV/SCM(FC_ISU)
407	N2 purification mode	FCV/SCM(FC_ISU)
408	Battery stack discharge mode	FCV/SCM(FC_ISU)
409	Anode leak inspection mode	FCV/SCM(FC_ISU)
410	Box ventilation mode	FCV/SCM(FC_ISU)
411	Ion filter working time check/setting mode	FCV/SCM(FC_ISU)
412	Drain drive train coolant mode	FCV/SCM(FC_ISU)
413	Battery stack cross leak inspection mode	FCV/SCM(FC_ISU)
414	High voltage battery fan test mode	FCV/SCM(FC_ISU)
415	H2 sensor installation verification mode	FCV/SCM(FC_ISU)
416	Parking actuator check mode	FCV/SCM(FC_ISU)
417	Battery stack and box H2 sensor working test mode	FCV/SCM(FC_ISU)
418	H2 sensor response check mode	FCV/SCM(FC_ISU)

419	Exhaust H2 sensor operation test module	FCV/SCM(FC_ISU)
420	Storage/transport mode	FCV/SCM(FC_ISU)
421	H2 pipeline pressure release mode	FCVSCM(FC_ISU)
422	Solenoid valve test	Real Time AWD/AWD with Intelligent Control
423	F-CAN bus connection unit inspection	CAN Gateway (CANGW)
424	Regulator exhaust (ABT)	ABS
425	Throttle opening angle	Adaptive Cruise Control (ACC)
426	Brake booster 1	Adaptive Cruise Control (ACC)
427	Brake booster 2	Adaptive Cruise Control (ACC)
428	Brake actuator 3	Adaptive Cruise Control (ACC)
429	the message says	Adaptive Cruise Control (ACC)
430	CMBS brake	Adaptive Cruise Control (ACC)
431	Indicator light check	Adaptive Cruise Control (ACC)
432	Shift solenoid valve oil pressure test	SH-AWD
433	Transmission system test	SH-AWD
434	Electric Waste Gate	ENG
435	High Pressure Cooled-EGR Actuator Test	ENG



# Special Functions List

No.	Functions Name	System Name
1	Write VIN	ENG
2	REPLACE ECM/PCM	ENG
3	IQA DATA STATUS	ENG
4	IQA WRITE DATA	ENG
5	DPF REGENERATION	ENG
6	DPF DIFFERENTIAL PRESSURE SENSOR INITIAL LEARN	ENG
7	RESET CALCULATED PM VALUE	ENG
8	MAF Sensor Learning Clear	ENG
9	A/F Sensor 1 Learning Clear	ENG
10	ISV Forced Learning	ENG
11	MOTOR ROTOR POSITION CALIBRATION(IMA)	ENG
12	READINESS CODES	ENG
13	CRANK (CKP) PATTERN CLEAR	ENG
14	CRANK (CKP) PATTERN LEARNING	ENG
15	Main Fuel Tank Alcohol Content Write Data	ENG
16	Throttle Position Learn	ENG
17	Idle Stop Starter Counter Forced Write	ENG
18	Oil Dilution Estimate Integrated Value Clear	ENG
19	Cleared Intake Pressure Control Valve Learning Value	ENG
20	LP EGR Differential Pressure Sensor Learning Clear	ENG
21	Throttle Learning	ENG
22	Motor Rotor Position Correction (IMA)	ENG
23	TMU Activation	ENG
24	Idle Stop Starter Counter Clear	ENG
25	E-VTC Learn	ENG
26	ECO score writing	ENG
27	VIN Check	ENG
28	ECM/PCM Reset	ENG
29	ECM/TCM RESET	AT
30	ECM/PCM RESET	AT
31	ECM/PCM REPLACE	AT



32	Stroke Sensor Learning	AT
33	Oil Pump Activation	AT
34	NEUTRAL REWRITING	ABS
35	ALL SENSOR	ABS
36	BRAKE PRESSURE SENSOR CLUSTER	ABS
37	SENSOR CLUSTER	ABS
38	ALL SENSOR	ABS
39	INITIALIZATION	ABS
40	Brake Pad Maintenance Mode	ABS
41	Deflation Warning System	ABS
42	OPDS Initialization	SRS
43	SWS INITIALIZATION	SRS
44	E-Tensioner For CMBS	SRS
45	Blinking Side Airbag Indicator Light	SRS
46	System Infomation	SRS
47	Parameter Information	SRS
48	Gauge Control Module Replacement	BODY ELECTRICAL (BCM)
49	Maintenance Minder	BODY ELECTRICAL (BCM)
50	PAX Warning Reset	BODY ELECTRICAL (BCM)
51	Power Window Reset for Driver side	BODY ELECTRICAL (BCM)
52	Power Window Reset for Passenger side	BODY ELECTRICAL (BCM)
53	Power Window Reset for Left Rear	BODY ELECTRICAL (BCM)
54	Power Window Reset for Right Rear	BODY ELECTRICAL (BCM)
55	Gauge Control Module Replacement	BODY ELECTRICAL (BCM)
56	RADAR AIMING	Adaptive Cruise Control (ACC)
57	ACM Reset	ACM
58	Differential Torque	Electric Power Steering (EPS)
59	STEERING END POSITION LEARNING	Electric Power Steering (EPS)
60	EPS Steering Angle Sensor Value Clear	Electric Power Steering (EPS)
61	MA-EPS Control ON/OFF	Electric Power Steering (EPS)
62	E-PRETENSIONER FOR CMBS (CMS)	E-Pretensioner (EPT)
63	SOC PRESETTING	IMA
64	SENSOR ID LEARNING	Tire Pressure Monitoring System
65	IMMOBILIZER UNIT & ECM/PCM	IMMOBI
66	ECM	IMMOBI

67	IMMOBILIZER INFO	IMMOBI
68	KEYS	IMMOBI
69	REPLACE ECM/PCM	IMMOBI
70	Damper Stroke Calibration	Active Damper System
71	NEUTRAL REWRITING	4 Wheel Steering(4WS)
72	NEUTRAL ADJUSTMENT	4 Wheel Steering(4WS)
73	Clutch Fluid Filling	i-SHIFT
74	Clutch Fluid Air Bleeding	i-SHIFT
75	Shift Motor Calibration	i-SHIFT
76	Sensor Calibration	Electric Parking Brake
77	Brake Pad Maintenance Mode	Electric Parking Brake
78	CMBS (CMS) ACTIVATION HISTORY	CMBS
79	Memorizing 0[zero] Position	Hydraulic Booster (HYDRBST)
80	STEERING REWRITE	LKAS_CONTROL
81	CUSTOMIZATION	LKAS_CONTROL
82	Self Check	PUH
83	HISTORY DATA	PUH
84	Self Check	SLOT_ECU
85	HISTORY DATA	SLOT_ECU
86	System Infomation	SLOT_ECU
87	System Check	SLOT_ECU
88	Number of KEYLESS ACCESS Remotes	SLOT_ECU
89	Self Check	SMART_H
90	HISTORY DATA	SMART_H
91	KEYLESS ACCESS System Information	SMART_H
92	CUSTOMIZATION	SMART_PARKING
93	Reset PA Unit	SMART_PARKING
94	Camera Aiming	iNVS
95	Transfer Camera Parameter	iNVS
96	E-DPS Control Module Replacement	Real Time AWD/AWD with Intelligent Control
97	Longitudinal G Sensor Learning	Real Time AWD/AWD with Intelligent Control
98	sensor 0 (zero) position memorization	Electric servo brake system(ESB)
99	Radar Alignment	Integrated driver assistance system(IDAS)
100	Static camera alignment	Integrated driver assistance system(IDAS)
101	Dynamic Camera Alignment	Integrated driver assistance system(IDAS)

102	Record new sender	Remote starter (RCS)
103	History	Remote starter (RCS)
104	Custom	Remote starter (RCS)
105	Adjustment	Head-Up Display (HUD)
106	function test	Head-Up Display (HUD)
107	Left BSI radar operation check	BODY ELECTRICAL (BCM)
108	Right BSI radar operation check	BODY ELECTRICAL (BCM)
109	Historical data clearing	BODY ELECTRICAL (BCM)
110	Data transfer	BODY ELECTRICAL (BCM)
111	Automatic multi-directional camera alignment	BODY ELECTRICAL (BCM)
112	Set to default	BODY ELECTRICAL (BCM)
113	Custom information	BODY ELECTRICAL (BCM)
114	customize	BODY ELECTRICAL (BCM)
115	Rear camera alignment	BODY ELECTRICAL (BCM)
116	Set maintenance mode	BODY ELECTRICAL (BCM)
117	Replace internal battery	BODY ELECTRICAL (BCM)
118	Change mode	BODY ELECTRICAL (BCM)
119	Reset maintenance mode	BODY ELECTRICAL (BCM)
120	Show contract data	BODY ELECTRICAL (BCM)
121	activation	BODY ELECTRICAL (BCM)
122	Deactivate	BODY ELECTRICAL (BCM)
123	Clutch assembly pressure	AT
124	Clutch tank inspection	AT
125	EOL Reference Search (NTL-ref)	AT
126	Reference search	AT
127	EOL learning gear	AT
128	EOL stop learning gear	AT
129	Clutch clamping force characteristics	AT
130	EOL learning synchronization	AT
131	Quality test of shift clutch	AT
132	Open the filling hole	AT
133	Clutch filling check/clutch assembly (pass pressure)	AT
134	Learning synchronization	AT
135	Abnormal start check	AT
136	self-study	AT

137	CVT oil replacement (general market)	CAN_METER
138	Return operation	CAN_METER
139	Manual return time	CAN_METER
140	Automatic return distance	CAN_METER
141	Sensor initial position learning	BODY ELECTRICAL (BCM)
142	CVT fluid life reset	BODY ELECTRICAL (BCM)
143	Initialization via gearbox replacement	BODY ELECTRICAL (BCM)
144	Clear historical data	BODY ELECTRICAL (BCM)
145	Radar alignment	BODY ELECTRICAL (BCM)
146	Activate and display data	BODY ELECTRICAL (BCM)
147	XM radio channel adjustment	BODY ELECTRICAL (BCM)
148	Set operation return conditions	BODY ELECTRICAL (BCM)
149	Set the return time	BODY ELECTRICAL (BCM)
150	Set travel distance conditions	BODY ELECTRICAL (BCM)
151	Set running status	BODY ELECTRICAL (BCM)
152	Reset operating current	BODY ELECTRICAL (BCM)
153	Reset to default	BODY ELECTRICAL (BCM)
154	Add or delete remote	BODY ELECTRICAL (BCM)
155	historical data	BODY ELECTRICAL (BCM)
156	VSA sensor neutral position memory	ABS
157	Reprogramming of standard tires	TPMS
158	Reprogramming of auxiliary tires	TPMS
159	Threshold data check	TPMS
160	SP replace ECMPCM	Remote starter (RCS)
161	LKAS pause tone	Integrated driver assistance system (IDAS)
162	EPS dump	LKAS_CONTROL
163	CMBS electronic tensioning device	CMBS
164	an examination	VTM-4
165	Electrical neutral reset	VTM-4
166	Windshield radar correction	Urban active braking system (CTBA)
167	Urban active braking system drive	Urban active braking system (CTBA)
168	High beam assist system	FCW/LDW camera unit (FCM)
169	Static camera alignment	FCW/LDW camera unit (FCM)
170	Dynamic camera alignment	FCW/LDW camera unit (FCM)
171	ISU reset	FCV/SCM (FC ISU)

172	Replace ISU	FCV/SCM(FC_ISU)
173	Motor rotor position correction	ENG
174	Deflation Early Warning System (ABI)	ABS
175	Neutral point setting of steering angle sensor	ABS
176	Brake pressure sensor group	ABS
177	Sensor group	ABS
178	Transmission drive correction	SH-AWD
179	Transmission system correction	SH-AWD
180	Transmission oil life reset	SH-AWD
181	Calibration data clear	SH-AWD
182	Add a HONDA smart key	SMART_H
183	Reset the HONDA smart key	SMART_H
184	All HONDA smart keys are lost	SMART_H
185	Replace the ignition knob	SMART_H
186	customize	SMART_H
187	PAWS unit replacement	Precision four-wheel steering(RTC)
188	Maintenance reminder device (US market)	CAN_METER
189	Maintenance reminder (European market)	CAN_METER
190	exhaust	Real Time AWD/AWD with Intelligent Control
191	ECM/PCM reset	DBW
192	IMA ECU replacement	IMA
193	High voltage battery diagnosis	IMA
194	SOC preset	IMA
195	Battery consumption current history	ENG