

OBD Tool

Supplementary Manual



Honda CB650F ABS 2014-2018 (OBD-H01)

Secure the bike on a stand.



Remove the seat and locate the diagnostic connector.

(Red, 4-pole connector)



Plug the OBD connector to the the diagnostic connector and the USB connector to the computer.



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Turn the ignition key ON and click on the connect button in the program.

OBD Tool for Honda motorcycles and marine engines V2.0.5.2				
		Hardware ID: V2.07	Hardware SN: 204533	HEALTECH ELECTRONICS
		Number of fault codes: --	ECM ID: --	HEALTECH
		Time: 0.00 sec << [] >> 0.00 sec		
Engine data	List of fault codes	Engine data at fault		
Engine speed	-- ipm	O2 sensor voltage #2	-- V	Fan control
Vehicle speed	-- Km/h	O2 sensor heater #2	--	Bank angle sensor
ECT sensor	-- °C	ST fuel trim #2	--	Emergency switch
IAT sensor	-- °C	Bank angle sensor input voltage	-- V	MST switch
MAP sensor	-- kPa	EGCV position input	-- V	Limit switch
TP sensor	-- *	EGCV position target	-- V	OTS switch
Battery voltage	-- V	EGCV load value	-- %	LY switch
Injector	-- ms	Linear solenoid current value	-- A	OTS control
Advance	-- *	Linear solenoid target value	-- A	EVAP pc solenoid
IACV pulse counter	-- Step	Linear solenoid load force	-- %	VTEC valve pressure switch
IAC command	-- g/sec	Overflow solenoid control device	-- %	PCV solenoid
EDT sensor	-- °C	Exhaust surface temperature	-- °C	Starter switch signal
TCP sensor	-- kPa	Ignition cut-off switch	--	Starter switch command
AP sensor	-- kPa	Engine run switch	--	Fan control 2nd level
RAC valve direction	-- Vmin	SCS	--	Gear position switch
O2 sensor voltage #1	-- V	Fuel pump control	--	Starter solenoid valve
O2 sensor heater #1	--	Intake AIR control valve	--	Main relay control
ST fuel trim #1	--	PAIR solenoid valve	--	Fl control lamp

The faults shows on the screen.

To clear the faults:

First click on the Clear fault codes button and then to the Yes button.

OBD Tool for Honda motorcycles and marine engines V2.0.5.2				
		Hardware ID: V2.07	Hardware SN: 204533	HEALTECH ELECTRONICS
		Number of fault codes: 1	ECM ID: 01 01 9C 01 01	HEALTECH
		Time: 0.00 sec << [] >> 0.00 sec		
Engine data	List of fault codes	Engine data at fault		
			Print	Models
Fault code:	Meaning of trouble:		Occurrence:	
86-1	Meter communication malfunction (Open or short circuit in the TXD/RxD wire)		Past	