

❖ **IMAGE**



❖ **INTRODUCTION**

- MOTOSCAN PHONE researched and manufactured by DTDAuto Vietnam. It used to determine fault and repair electronic & electrical system for most motorbikes and scooters in Asia market and some other market with electronic control system for starting, fuel injection, ignition, ABS, Smart key, ODO, ECU...

Product is designed compactly and integrated all functions "all in one". It connect wireless with vehicle via Bluetooth communication and used for **diagnosing fault, repair fault for Engine & ABS system; automatic programming smart key system; automatic test ECU inside, automatic engine technical analyzing, intelligent diagnosing without OBD fault code, ODO value correction, ECU signal simulating, programming and upgrading standard software of manufacturer inside ECM, SCU...** and many special measurement functions, full-featured for professional motorbike repair workshop. The device is suitable for repairers who like Multi-Media technology, good quality graphics display, abundant lookup, and multimedia connectivity.

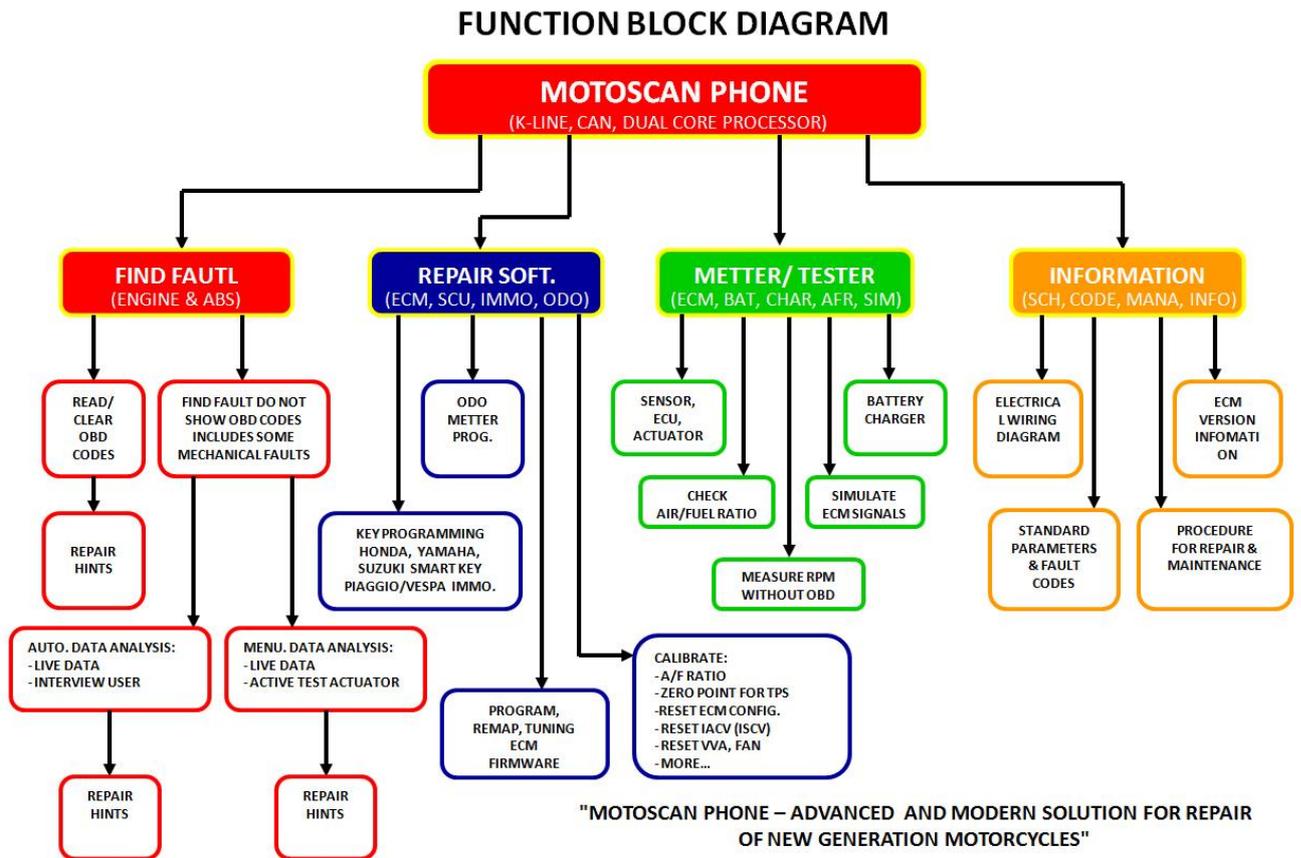
- Comprehensive fault diagnosis support for most VinFast electric motorcycles
- Support multi-language: English, French, Thai, Khmer, Korean, Portuguese, Indonesian, Malaysian and Vietnamese
- Lookup repair data fast, convenient, smart and object-oriented for most motorcycles of HONDA, YAMAHA, SUZUKI, SYM, KYMCO, PIAGGIO/ VESPA manufacturers.
- A gift MOTODATA software used to lookup motorbikes repair data on computer or mobile for 01 year when buy MOTOSCAN PHONE.

❖ **PRODUCT PACKAGE SELECTION & PRICE**

MOTOSCAN PHONE PRICE (the use value is 10 years)			
SELECTION	SELECTION 1 STANDARD PACKAGE (for workshop)	SELECTION 3 LOCKSMITH PACKAGE (for locksmith)	SELECTION 4 SPECIAL PACKAGE (for workshop)
PRODUCT CODE	MT009A	MT009K	MT009S
PRICE	\$900.00	\$1,115.00	\$2,020.00
STANDARD PACKING LIST	✓ MOTOSCAN TAB hardware ✓ MOTOSCAN TAB software ✓ Standard cables ✓ MOTODATA software gift for 1 year	✓ MOTOSCAN TAB hardware ✓ MOTOSCAN TAB software ✓ Standard cables ✓ MOTODATA software gift for 1 year	✓ MOTOSCAN TAB hardware ✓ MOTOSCAN TAB software ✓ Standard cables ✓ MOTODATA software gift for 1 year
ADVANCED PACKING LIST (CABLE OPTION FOR SCU TEST FUNCTION)	✓ PACK 14 - SCU TESTER	✓ PACK 14 - SCU TESTER	✓ PACK 14 - SCU TESTER
ADVANCED PACKING LIST (FUNCTION OPTION TO RENEW ECMID FOR SMARTKEY HONDA MOTORBIKES)	✗ PACK 18 - RENEW ECMID	✓ PACK 18 - RENEW ECMID	✓ PACK 18 - RENEW ECMID
ADVANCED PACKING LIST (CABLE OPTION FOR HONDA KEIHIN ECM TEST FUNCTION)	✗ PACK 1 - HONDA LD09-SCR	✗ PACK 1 - HONDA LD09-SCR	✓ PACK 1 - HONDA LD09-SCR
	✗ PACK 2 - HONDA LD12-AB08	✗ PACK 2 - HONDA LD12-AB08	✓ PACK 2 - HONDA LD12-AB08
	✗ PACK 3 - HONDA AB11-VS11	✗ PACK 3 - HONDA AB11-VS11	✓ PACK 3 - HONDA AB11-VS11
	✗ PACK 4 - HONDA F125-WA10	✗ PACK 4 - HONDA F125-WA10	✓ PACK 4 - HONDA F125-WA10
	✗ PACK 5 - HONDA WAVE-AT	✗ PACK 5 - HONDA WAVE-AT	✓ PACK 5 - HONDA WAVE-AT
	✗ PACK 6 - HONDA FUX-NEO	✗ PACK 6 - HONDA FUX-NEO	✓ PACK 6 - HONDA FUX-NEO
	✗ PACK 12 - HONDA SH150i-PS	✗ PACK 12 - HONDA SH150i-PS	✓ PACK 12 - HONDA SH150i-PS

ADVANCED PACKING LIST (CABLE OPTION FOR HONDA ACG ECM TEST FUNCTION)	✗ PACK 13 - HONDA ACG ECM TESTER	✗ PACK 13 - HONDA ACG ECM TESTER	✓ PACK 13 - HONDA ACG ECM TESTER
ADVANCED PACKING LIST (CABLE OPTION FOR YAMAHA ECM TEST FUNCTION)	✗ PACK 7 - YAMAHA NOV-SII6	✗ PACK 7 - YAMAHA NOV-SII6	✓ PACK 7 - YAMAHA NOV-SII6
	✗ PACK 8 - YAMAHA EXCITER-18	✗ PACK 8 - YAMAHA EXCITER-18	✓ PACK 8 - YAMAHA EXCITER 2018
	✗ PACK 9 - YAMAHA JUPITER-16	✗ PACK 9 - YAMAHA JUPITER-16	✓ PACK 9 - YAMAHA JUPITER-16
	✗ PACK 10 - YAMAHA EXCITER-19	✗ PACK 10 - YAMAHA EXCITER-19	✓ PACK 10 - YAMAHA EXCITER-19
ADVANCED PACKING LIST (CABLE OPTIONS FOR SENSOR & ACTUATOR TEST FUNCTION)	✗ PACK 11 - CKP & IACV	✗ PACK 11 - CKP & IACV	✓ PACK 11 - CKP & IACV
	✗ PACK 15 - VSS & HALL	✗ PACK 15 - VSS & HALL	✓ PACK 15 - VSS & HALL
ADVANCED PACKING LIST (CABLE OPTION FOR LED LIGHTING & DASHBOARD SYSTEM TEST FUNCTION)	✗ PACK 16 - LED & DAS	✗ PACK 16 - LED & DAS	✓ PACK 16 - LED & DAS
ADVANCED PACKING LIST (CABLE OPTION FOR QUICK CHECK OF MOTORCYCLE COMBUSTION CHAMBER PRESSURE)	✗ PACK 17 - P TEST	✗ PACK 17 - P TEST	✓ PACK 17 - P TEST
ADVANCED PACKING LIST (CABLE OPTION FOR ENGINE OIL TESTING)	✗ PACK 19 - OIL TEST	✗ PACK 19 - OIL TEST	✓ PACK 19 - OIL TEST

❖ **FUNCTION**



MOTOSCAN PHONE FUNCTION LIST				
ENGINE/ ABS SYSTEM				
NO.	DESCRIPTION	COMMON FUNCTIONS (basic diagnostic tools on the market have)	IN-DEPTH FUNCTIONS (some normal diagnostic tools on the market may have)	SPECIAL FUNCTIONS DEVELOPED BY DTDAUTO (normal diagnostic tools on the market does not have)
1	Read fault codes stored in ECM	✓		
2	Advanced display of fault code information (on one screen) including fault code content, component location, fault code principle electrical diagram, the overall principle diagram			✓
3	Delete fault codes stored in ECM	✓		
4	Reset ECM	✓		
5	Display live data	✓		

6	View modes: List Analog Graphic Waveform			✓
7	Activate the actuators: Injector, Ignition coil, Fuel Pump, Solenoid valve, Stepper motor, Indicator and Headlight...	✓		
8	Setting: TPS, Reset IACV, Altitude	✓		
9	ECM information	✓		
10	Check depth A/F ratio			✓
11	Adjust A/F ratio	✓		
12	A/F ratio tuning by remap for ECM	✓		
13	Upgrade original ECM & Upload tuning ECM firmware by sample remap files	✓		
14	Upload user-edited remap files for ECM based on the machine			✓
15	Upload free user remap files for ECM from another source out of the machine (various selection of modes)			✓
16	Rescue ECM			✓
17	Advanced diagnostics with fault codes (analyze to find exact details, fault location) out of range faults			✓
18	Advanced diagnostics without showing OBD fault codes (analyze by AI technology, find the exact cause, fault location) in of-range faults			✓
19	In-depth testing for sensors (MAP, TP, ECT, IAT, O2, CKP) both faults out of range and in of range			✓
20	Check the actuator's operation and quality (IACV, ISC...)			✓
21	Check the operation, and quality components of hardware and software (specify show the position of components, the position of the cut holes) of Engine ECUs for some HONDA, YAMAHA...			✓
22	Simulate Input signal types and communication signals to check and diagnose engine system faults (CKP, MAP, TP, IAT, ECT, O2, VSS)			✓
23	Simulate Output signal types to check and diagnose engine system faults (INJ, IGPLS, RELAY, SOLENOID...)			✓
ODO SYSTEM				
24	Read the current ODO value		✓	
25	Correct and edit ODO value for ODO repair or replacement		✓	
26	Reload the original ODO software to repair or replace ODO		✓	

27	Look up location, connection diagram, and function pins to check on the same screen, convenient for manipulation, correction, and repair			✓
28	Simulate normal Vss, K-line Vss signals to check and repair ODO			✓
SMART KEY SYSTEM				
29	Check the operation of electronic components and the hardware (specify the position of components, the position of the cut holes) of SCU for HONDA, YAMAHA, SUZUKI...			✓
30	SCU programming - register more keys (FOB)			✓
31	SCU programming - register a new key (FOB) when all keys are lost			✓
32	SCU programming – inactive use FOB when lost			✓
33	SCU programming – reactivate use of FOB (after canceling use)			✓
34	SCU programming – ECMID synchronization between SCU and ECM			✓
35	Check results of synch FOB and SCU			✓
36	Check the declared value of KEYID			✓
37	Read KEYID directly from SCU			✓
38	Delete KEYID inside SCU			✓
39	Copy SCU data (from SCU A to SCU B) when repairing			✓
40	Reload SCU sample data when repairing			✓
IMMOBILISER SYSTEM				
41	Register more keys		✓	
42	Register a new key when all keys are lost		✓	
43	Read KEYID directly from ECM/IC		✓	
44	Check the key, and read the current KEYID through the antenna (for Medley with ECM code: PGQ16)		✓	
45	Reset Immobiliser		✓	
46	Replace ECM		✓	
OTHER MEASURE FUNCTIONS				
47	Quick connection operation of functions without sequential operation (save connection history and quickly select the			✓

	function from history)			
48	Quickly evaluate motorcycle combustion chamber pressure using electronic technology			✓
49	Check the operating quality of the LED lighting system and dashboard system			✓
50	Check the quality and capacity of the battery			✓
51	Check the charging status, operation, and quality of the charging system			✓
52	High-precision measurement of DC voltage from 0V - 20V			✓
53	Test engine oil quality for motorcycles and cars			✓
LOOK UP TECHNICAL DOCUMENTS				
54	Support automatic calculation feature for motorcycle electronics repairmen: calculate the resistance value according to the color rim and according to the symbol on the SMD resistor; calculate the resistance for the LED circuit; calculate the correction resistance of the regulator, and rectifier; calculate sensor calibration auxiliary resistance...			✓
55	Integrate lookup data and documents, repair data, electrical diagrams of all kinds, and electrical and mechanical specifications in one application			✓
56	Look up principle diagrams and assembled circuit diagrams for vehicle systems			✓
57	Look up electrical specifications			✓
58	Look up engine mechanical specifications and disassembly instructions			✓
59	Look up the function pin position of ECU, ABS, SCU...			✓
60	Supports DATALINK function on electrical diagrams			✓
61	Look up acronyms, wire colors, fault code information, SCU, FOB...			✓
62	Repair workshop management function: warehouse management, service, personnel, customers, maintenance...			✓

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