



F9S Platform

New Era into FCAR Ecosystem

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F9S Platform

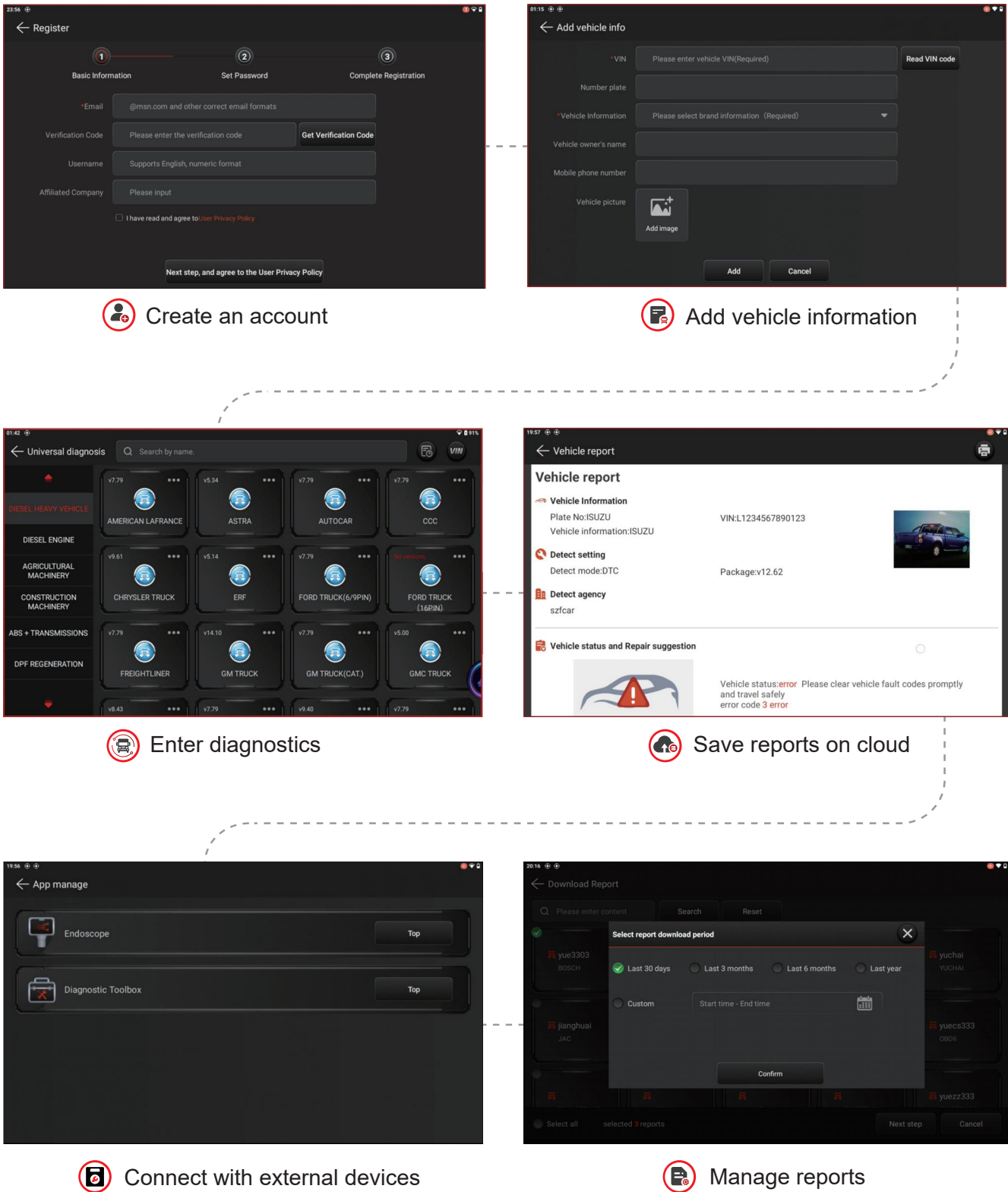
New Era into FCAR Ecosystem

After years of research and development, the brand-new FCAR F9S platform has become not only a diagnostic scanner, but also a center that connects everything from FCAR ecosystem. FCAR F9S provides the same regular diagnostic solutions for all kinds of vehicles. More importantly, F9S is able to connect and control other FCAR devices from auto diagnosis, auxiliary tools, chassis repairs, maintenance equipment and more. It creates an ecosystem which allows users to obtain comprehensive diagnostics and repair solutions for the entire vehicle system.



One FCAR Account for Everything

- | | |
|-----------------------------------|--|
| Link with FCAR cloud server | Create profile for each vehicle |
| Diagnostic reports management | Control FCAR ecosystem devices |
| AI integrated for deeper analysis | Instant feedback and remote assistance |



One Tablet for FCAR Diagnostic Ecosystem

- ▶ Seamless experience with F9S tablet
- ▶ Support various external devices
- ▶ Cover different systems of vehicles
- ▶ All reports saved on cloud account



Auto Diagnosis

- 12V passenger vehicles
- 24V commercial vehicles
- more...



Auxiliary Tools

- Infrared imager
- Tire-tread scanner
- Borescope
- more...



FCAR Ecosystem



Chassis Repairs

- Wheel alignment
- Chassis calibration
- Wheel balancer
- more...



Maintenance Equipment

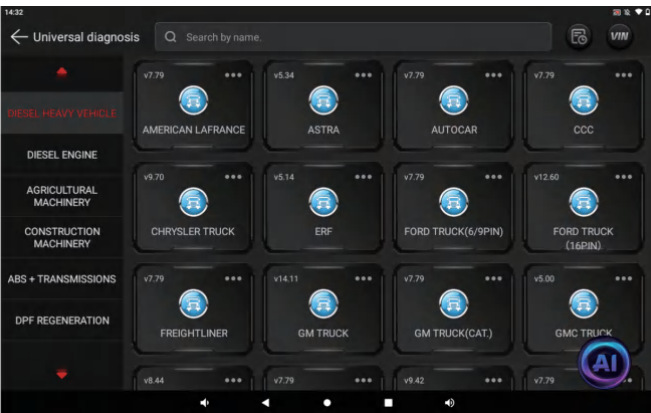
- ATF machine
- A/C machine
- more...

All-In-One Diagnostic Platform for 12V&24V Vehicles

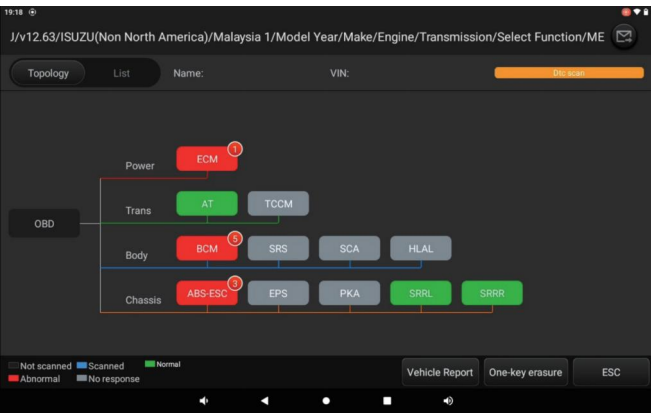


OE-Level Diagnostic Functions

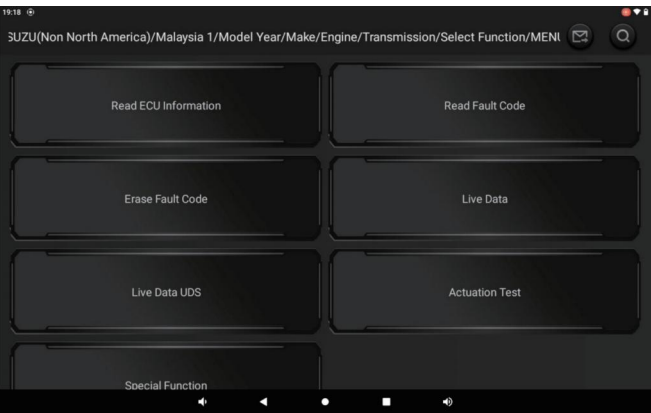
- ▶ For American, Asian, Australian, European makes
- ▶ Support regional special vehicles
- ▶ Automatic VIN identification
- ▶ Visualization graph for DPF regeneration
- ▶ Full-system diagnostics, Actuation test
- ▶ Bi-directional control, advanced coding
- ▶ Read/clear fault codes, live data
- ▶ Topology module mapping
- ▶ DOIP/CAN-FD protocols
- ▶ Pre scan and post scan
- ▶ Comprehensive diagnostic reports



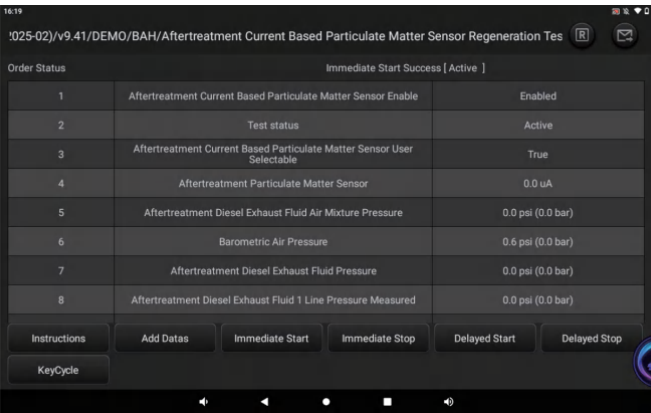
Vehicle Selection



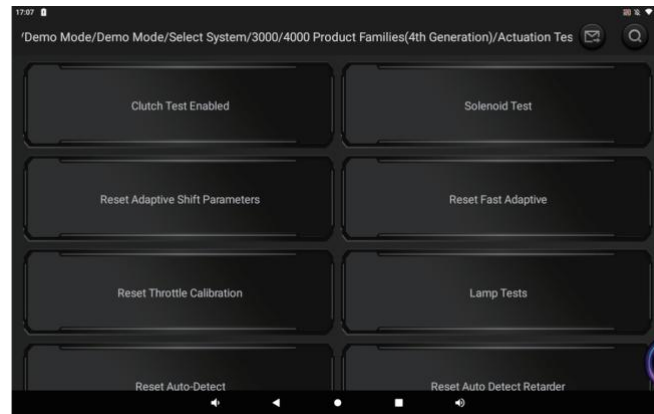
Topology Map



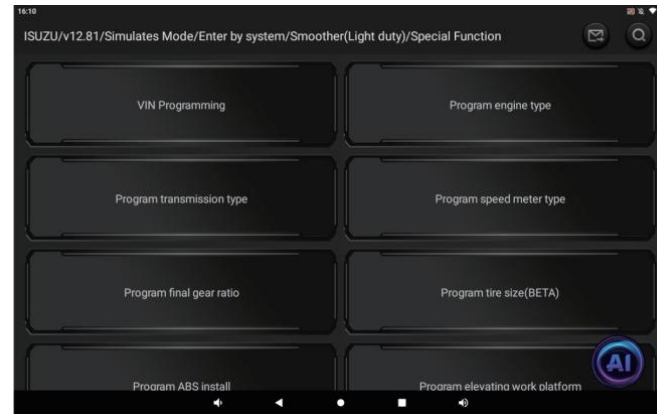
Diagnostic Functions



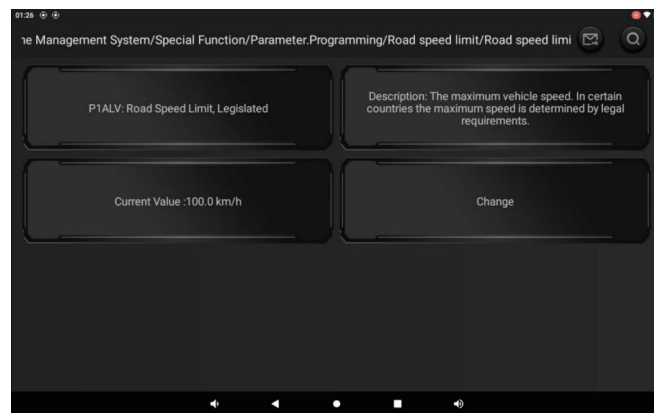
Read Data Stream



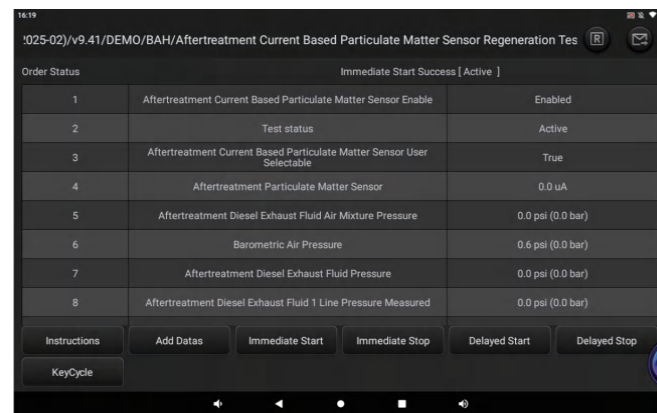
Actuation Test



Special Functions

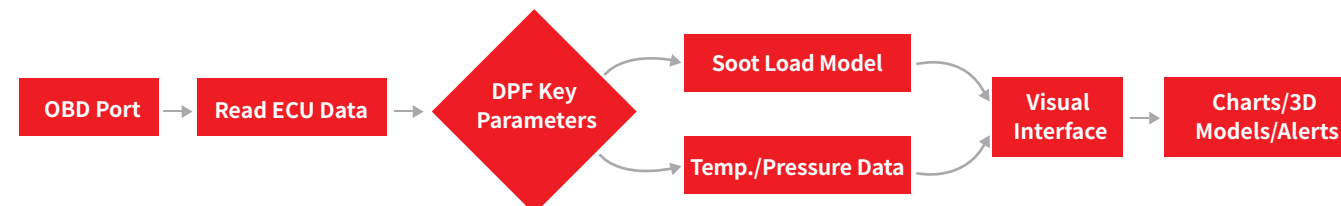


Speed Limit Change



DPF Regeneration

Visualization for DPF Regeneration

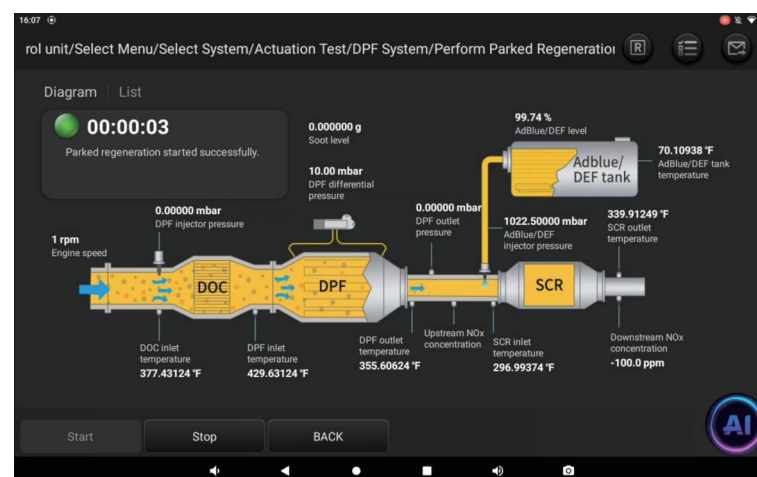


Core Features:

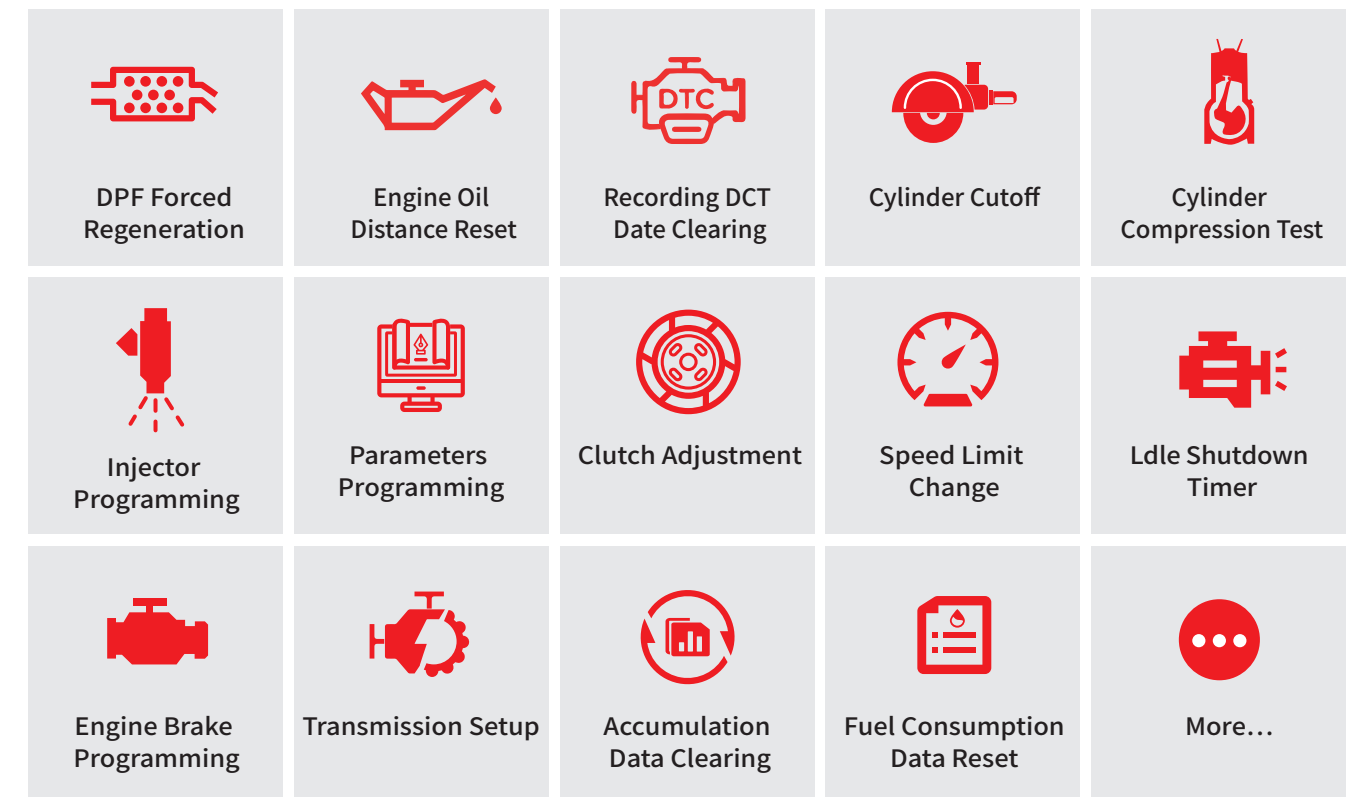
- ▶ Real-Time Monitoring
- ▶ Precise Fault Diagnosis
- ▶ Smart Regeneration Management
- ▶ Maintenance Decision Support

Key Benefits:

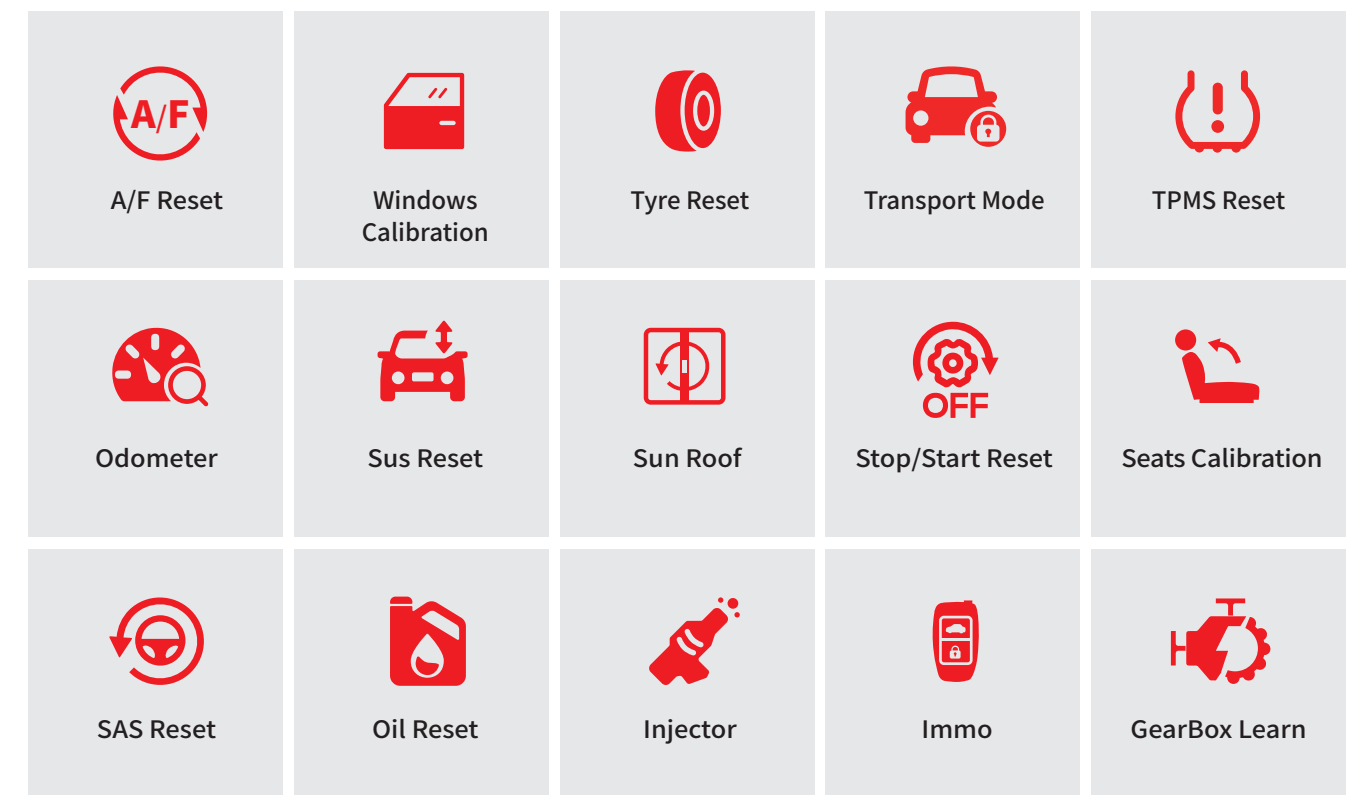
- ▶ Improved Repair Efficiency
- ▶ Extended DPF Lifespan
- ▶ Reduced Emission Risks
- ▶ Enhanced Safety
- ▶ Data Traceability



Special Functions for Commercial Vehicles



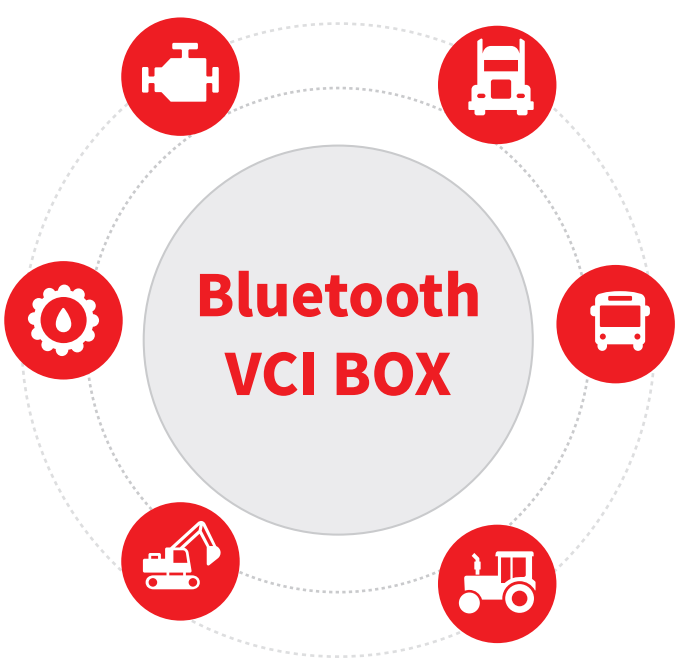
Special Functions for Passenger Vehicles



 Elec. Throttle Rlrn	 Coolant Bleed	 Brake Reset	 BAT. Match	 ABS Bleeding
 Airbag Reset	 AC System Relearn/ Initialization	 Engine Power Balance Monitoring	 Intelligent Cruise Control System	 Clutch Matching
 ECU Reset	 FRM Matching	 Turbocharging Matching	 More...	

Brand-New FV400/FV500 Communication Box

- ▶ FV400 for 12V passenger vehicles
- ▶ FV500 for 24V commercial vehicles
- ▶ Bounded with diagnostic software
- ▶ Integrated with main diagnostic cable
- ▶ Bluetooth and WiFi communication
- ▶ New design with better durability
- ▶ Support 24V CAN, DOIP, CAN-FD



Massive Upgrade in Software and Hardware



Specifications			
Display	10" IPS 1280*800	Network	4G/3G/2G(optional)
Storage	8GB RAM+128GB ROM	Expansion	TF card up to 256GB
Navigation	GPS, Beidou, Galileo	Battery	10000mAh Lithium
Bluetooth	5.0	Camera	Rear 8MP
WiFi	WIFI 802.11(a/b/g/n), 2.4G+5.8G	System	Android 11

FV500 Protocol Coverage:

SAE J1939	ISO 14229 - UDS
SAE J1979	ISO 14230 - KWP 2K
ISO 13400 - DoIP	ISO 11898 - 1 CAN-FD
ISO 15765	ISO 11898 - 3 (fault-tolerant CAN)
ISO 9141-2	SAE J1708/J1587
ISO 27145	SAE J1850 - VPW/PWM
SAE J2284 - 125/250/500 kbps	SAE J2411 (GM single-wire CAN)



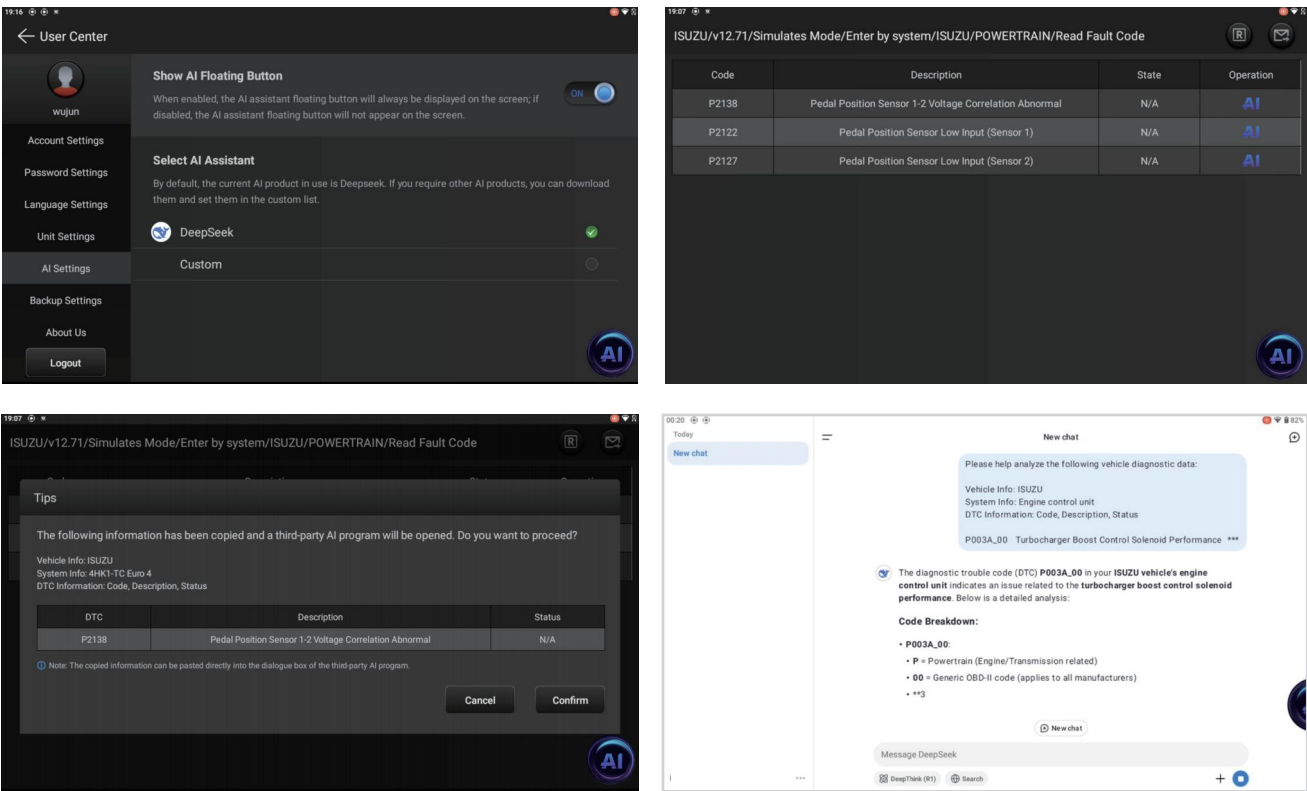
FV400 Protocol Coverage:

SAE J1850	ISO 15765
SAE J2610	ISO 11898-CAN FD
ISO 9141	ISO 13400-DoIP
ISO 14230	J2534



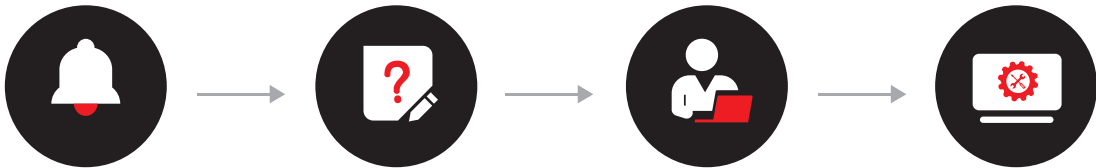
AI Access for More Accurate Results

- ▶ DeepSeek AI built inside
- ▶ Real-time analysis
- ▶ Adapt to other AI engines



Instant Communication for Technical Support

- ▶ Message center with real-time notification
- ▶ Diagnostic feedback directly to FCAR engineers
- ▶ Remote technical support via TeamViewer



	 F9S-W	 F9S-D	 F9S-G
FV 400 VCI Box	✓	✗	✓
FV 500 VCI Box	✗	✓	✓
Passenger Vehicle	✓	✗	✓
Diesel Heavy Vehicle	✗	✓	✓
Diesel Engine	✗	✓	✓
Agricultural Machinery	✗	✓	✓
Construction Machinery	✗	✓	✓
ABS+Transmissions	✗	✓	✓
OBDII	✓	✓	✓
Topology	✓	✓	✓
Special Functions	✓	✓	✓
Online Update	✓	✓	✓
External Devices	✓	✓	✓

Diagnostic Connector List

Passenger Vehicle:

				
BENZ-38	BMW-20	CHRYSLER-6	FIAT-3	GM-12
				
HONDA-3	MITSUBISHI-12+16	NISSAN-14+16	TOYOTA-17	TOYOTA-22
				
OBD CONNECTOR CABLE	MAIN TESTING CABLE			

Commercial Vehicle:

				
BENZ-14	DIESEL-6	DIESEL-9	DONGFENG-16	HY-DIESEL
				
IVECO-38	OBD-16	VOLVO-14	VOLVO-8	

Electric Vehicle (Optional):

				
BAIC-EU	BYD-E5	BYD-HAN	BYD-QIN PRO	BYD-TANG
				
CHANGAN-BENBEN	GEELY-EV450	LIXIANG-ONE	NETA	ROWE-EI5
				
ROWE-EI6	TESLA LAN CONNECTION CABLE 1	TESLA LAN CONNECTION CABLE 2	TESLA-MODEL 3	TESLA-MODEL 3-MFC26
				
TESLA-MODEL S	TRUMPCHI-GE3	WULING-MINI	XPENG-G3	XPENG-P7

Note:
Machines in different regions may have different connectors. Please refer to the actual version.