



**Engine Controller**



**DPF Aftertreatment**



**Transmission Controller**



**Anti-lock Brakes**



**Instrument Cluster**



**Body Controller**



Truck Diagnostics and Beyond  
Tel: 844-322-7872

# F506

## HD code reader

All-in-one  
HD code reader

[www.fcarusa.com](http://www.fcarusa.com)

## **F506 HD Code Reader**

The F506 code reader is a quick and powerful handheld code reader ideal for auto, HD truck, diagnostic, fleet maintenance and road service professionals. All software is preloaded with diagnostic code descriptions and live data. Allows easy access to vehicle electronic control units and supported sensors.

### **Product Features:**

- ↪ Communicates on trucks with J1708, J1939 and OBDII automotive coverage. Including Hino, Mitsubishi Fuso, Isuzu and Nissan UD commercial vehicles model years 1992 to current
- ↪ Scan and diagnose fault codes with code definitions for engine, transmission, ABS brakes, instrument cluster and body control
- ↪ Read and clear diagnostic trouble codes
- ↪ Display live data streaming with graphing for all supported sensors
- ↪ Dimmable screen
- ↪ Includes OBD 16, Deutsch 6/9 pin Y type 2 connectors
- ↪ Bilingual interface: English/Spanish
- ↪ SD memory card for additional storage
- ↪ Free lifetime internet updates

**NEW FEATURE**

### **Vehicle data collection**

Scan and collect predefined dataset from vehicle information or real time sensor data; save and export to Excel formats. Useful for leasing, auction, consulting or freight companies to collect data and record for analysis.

# F506 HD Code Reader Pro | Make & Model - Coverage

F506 covers heavy & medium/light-duty (Class 1 – 8)

BODY & CHASSIS		ENGINES		TRANSMISSIONS		ABS	
• Bluebird	• Mitsubishi Fuso	• CAT	• John Deere	• Allison	• Mack	• Bendix	• Sprinter
• Ford	• Nissan UD	• Cummins	• Mack	• Detroit	• Mitsubishi Fuso	• Ford	• Wabash
• Freightliner	• Peterbilt	• Detroit Diesel	• Mercedes	• Eaton	• Sprinter	• GM	• WABCO
• GM	• Sprinter	• Ford	• Mitsubishi Fuso	• Ford	• Volvo	• Haldex	
• Hino	• Sterling	• GM	• Nissan UD	• GM	• ZF		
• International	• Thomas Built	• Hino	• Perkins	• Hino			
• Isuzu	• Volvo	• International	• Sprinter	• Isuzu			
• Kenworth	• Western Star	• Isuzu	• Volvo				
• Mack							

## INCLUDED OFF-ROAD EQUIPMENT COVERAGE

CUMMINS POWERED	BOBCAT OR JCB	DETROIT POWERED
<ul style="list-style-type: none"> <li>• Read and clear fault codes</li> <li>• Read freeze frames</li> <li>• Scan and display sensor live data (chart mode, or text mode)</li> </ul>	<ul style="list-style-type: none"> <li>• Read and clear fault codes</li> <li>• Read freeze frames</li> <li>• Scan and display sensor live data (chart mode, or text mode) (*might need additional adaptor)</li> </ul>	<ul style="list-style-type: none"> <li>• Read and clear fault codes</li> <li>• Read freeze frames</li> <li>• Scan and display sensor live data (chart mode, or text mode)</li> </ul>
HINO POWERED	PERKINS POWERED	VOLVO POWERED
<ul style="list-style-type: none"> <li>• Read and clear fault codes</li> <li>• Read freeze frames</li> <li>• Scan and display sensor live data (chart mode, or text mode)</li> </ul>	<ul style="list-style-type: none"> <li>• Read and clear fault codes</li> <li>• Read freeze frames</li> <li>• Scan and display sensor live data (chart mode, or text mode)</li> </ul>	<ul style="list-style-type: none"> <li>• Read and clear fault codes</li> <li>• Read freeze frames</li> <li>• Scan and display sensor live data (chart mode, or text mode) (*might need additional adaptor)</li> </ul>
ISUZU POWERED	NEW HOLLAND	JOHN DEERE
<ul style="list-style-type: none"> <li>• Read and clear fault codes</li> <li>• Read freeze frames</li> <li>• Scan and display sensor live data (chart mode, or text mode)</li> </ul>	<ul style="list-style-type: none"> <li>• Read and clear fault codes</li> <li>• Read freeze frames</li> <li>• Scan and display sensor live data (chart mode, or text mode)</li> </ul>	<ul style="list-style-type: none"> <li>• Read and clear fault codes</li> <li>• Read freeze frames</li> <li>• Scan and display sensor live data (chart mode, or text mode)</li> </ul>

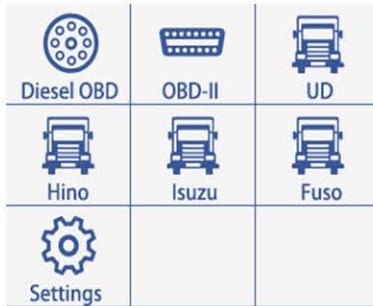
## Passenger vehicles (from 1992 to recent) OBD II

America		Asia		Europe	
• Buick	• GMC	• Acura	• Mazda	• Abarth	• Opel
• Cadillac	• Lincoln	• Daewood	• Mitsubishi	• Alfa	• Peugeot
• Chevrolet	• Jaguar	• Honda	• Nissan	• Audi	• Porsche
• Chrysler	• Jeep	• Hyundai	• Scion	• Bentley	• Renault
• Dodge	• Pontiac	• Infiniti	• Subaru	• BMW	• SAAB
• Ford	• Saturn	• Isuzu	• Suzuki	• Fiat	• Seat
• GM		• Kia	• Toyota	• Jaguar	• Skoda
		• Lexus		• Land Rover	• Smart
				• Maybach	• Sprinter
				• Mercedes Benz	• Volvo
				• Mini	• VW

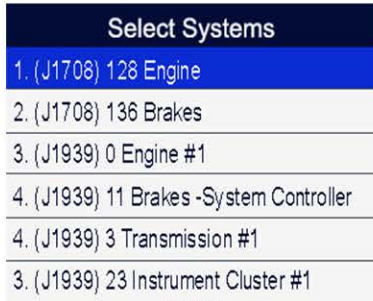
## OBD II (All Emission Related)

- Read and clear fault codes
- Read freeze frames
- Scan and display sensor live data (chart mode, or text mode)

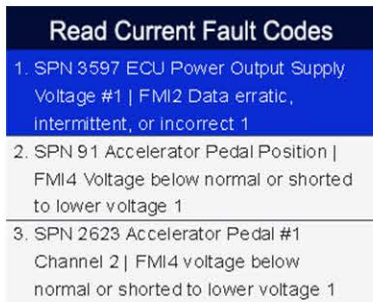
# F506 HD Code Read Pro Screenshots



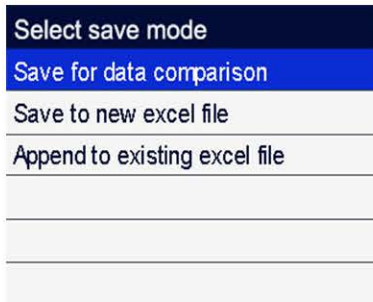
Home Menu



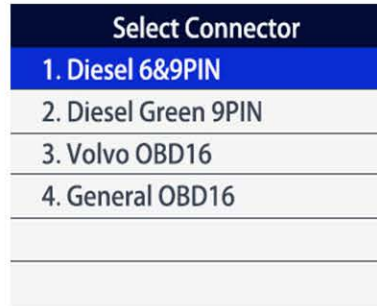
Scan ECU



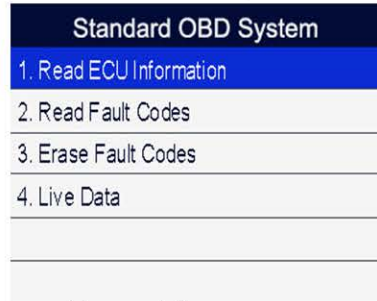
Fault code screen



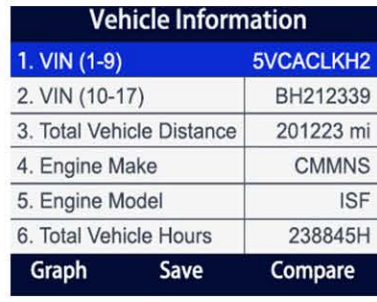
Data Export



Connector Options



Home Menu



Vehicle Info

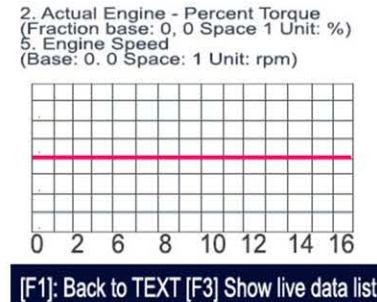
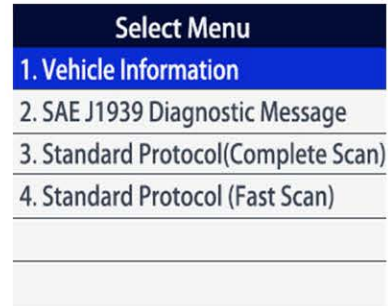
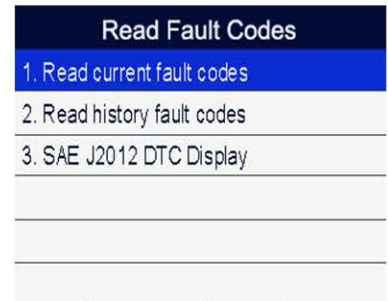


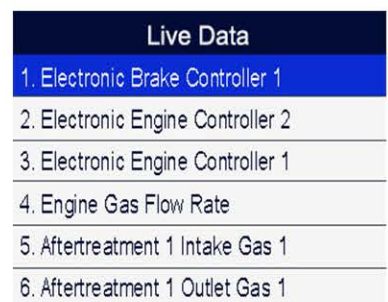
Chart Mode



Scan Options



Fault Code Options



Sensors data



Setting Screen

- 1 Connect**  
Connect to and read the entire vehicle in few seconds
- 2 Scan**  
Smart scan all supported vehicles and electronic control units
- 3 Diagnose**  
Discover most issue on the vehicle

# F506 HD Code Reader Pro Kit



Main cable DB15

OBD 16

DIESEL 6-9

## F506 retail package kit

- ✓ Main handheld unit
- ✓ Adaptors:
  - OBD II-16
  - Diesel 6/9 (type 1 and type 2)
- ✓ Cables
  - Main cable (DB15) 3 feet
  - USB data cable
- ✓ Manual/Warranty card
- ✓ One-year hardware manufacturer's limited warranty and life time free software updates



## F506 HD code reader Product Details

Shipping weight	4 pounds
Shipping dimension	12"x9"x3"
Shipping region	Within U.S.A.
SKU	USS-017-F56
UPC	649906329923
Part no	FCAR-017-F56

## FCAR Featured Products

- F506 HD code reader pro
- F3SN Truck Pro
- F3SN Truck Pro School Bus Edition
- F3SG Master Pro
- F7SN Truck TabPro
- F7SG Master TabPro

