



Engine Controller



DPF Aftertreatment



Transmission Controller



Anti-lock Brakes



Instrument Cluster



Body Controller



Truck Diagnostics and Beyond
Tel: 844-322-7872

F3S-N

School Bus Scanner

**Bidirectional
All-in-one
Handheld Professional
Diagnostic Scan Tool Kit
School Bus Special Edition**

www.fcarusa.com

F3SN TruckPro School Bus Edition

The F3SN School Bus is a fast and user-friendly scan tool that is powerful with a compact handheld design, featuring all-in-one coverage for all school bus. All software is preloaded with diagnostic code descriptions, live data, calibration and bidirectional functionality. The F3SN School Bus is customized scanner specifically for school bus facility or fleet professional.

Diagnostic functions:

- Scan vehicles and ECU
- Read/clear fault codes
- Display/analyze all sensors live data stream with graphing
- Actuation test

Advanced functions:

- Cylinder cutout
- Injector coding
- DPF regen & reset
- Bidirectional parameters reset and adjustment
- Oil change reset
- Maintenance light reset

Communicates with:

- ✓ CAN
- ✓ J1587
- ✓ J1708
- ✓ ISO9141
- ✓ J1939
- ✓ OBD II
- ✓ ISO15765

✓ **Compact handheld design**

✓ **Fast response. Boots and scan entire vehicle in seconds**

✓ **All-in-one coverage and more bidirectional functionalities**

✓ **Low maintenance**

✓ **Plug-N-Play**

✓ **8-inch touch screen**

✓ **Updates via SD card**

✓ **Built-in thermal printer**

✓ **User-friendly interface**

F3S-N TruckPro School Bus | Make & Model - Coverage

F3S-N TruckPro School Bus Scanner covers most yellow school bus in United States

BODY & CHASSIS

- Bluebird
- Freightliner
- International
- Thomas

ENGINES

- Caterpillar
- Cummins
- Detroit Diesel
- International
- MercedesBenz

TRANSMISSIONS

- Allison
- Eaton
- ZF

ABS

- Bendix
- Haldex
- Wabash
- WABCO

CUMMINS

- Cylinder cut out
- DPF service forced regen
- Trip reset
- Aftertreatment reset
- Fuel injector reset
- Fuel injector calibration
- VGT hysteresis test
- VGT calibration and installation
- Fuel leakage test
- DEF doser pump override
- Idle shutdown timer reset
- Cruise speed limits and governor setting
- PTO settings
- Transmission setup
- Another 100 more functions available see our Cummins details page

CATERPILLAR

- Maintenance intervals setup
- Injector coding
- Cylinder cutoff
- Vehicle Speed Parameters setup
- Cruise Control Parameters setup
- Idle Parameters(Old PTO)
- Dedicated PTO Parameters setup
- Engine/Gear Parameters setup
- Timer Parameters setup
- Smart Idle Parameters setup
- Engine Monitoring Parameters
- Trip Parameters setup
- System Settings
- Throttle knob engine speed
- *More programming functions available

DETROIT & MERCEDES

- Cylinder cut out (auto and manual)
- DPF forced regen
- SCR System - output component test
- SCR ADS self check
- Idle Shutdown enable/disable & time set
- DPF ash accumulator reset
- Road speed limits
- Cruise control speed limits
- PTO setup
- Injector coding
- Fan diagnostic
- FIS low pressure leak test
- Progressive shift
- Inputs and outputs
- More functions on Detroit details page

INTERNATIONAL

- Cylinder cut out
- DPF service forced regen
- Transmission Setup
- Engine Warn Protection System
- Road Speed limiting/Cruise Control
- PTO setup
- Speedo,Tire,Axle Setup
- Progressive Shift
- Idle Shutdown Timer
- Engine Fan
- Momentary Road Speed Limiting
- Service Interval
- O2 Sensor Calibration
- Injector Quantity Adjustment
- More testing, calibration, reset function see our International functions page

ALLISON

- Read/Erase Fault Codes
- Read Sensor Live Data
- Solenoid Test
- Reset Adaptive Shift Parameters
- Reset Fast Adaptive
- Reset Throttle Calibration
- Lamp Tests
- Reset Auto-Detect
- Reset Auto Detect Retarder
- Reset SEM Auto-Select
- Reset Prognostics Information
- Reset Oil Life Monitor
- Reset Transmission Monitor
- Input parameters modify
- Output parameters modify

BENDIX

- Read ECU Information
- Read Fault Codes
- Erase Fault Codes
- Read Sensor Live Data
- Actuation Test
- Controller Configuration
- Rest ABS Controller
- Dyno Mode

WABCO

- Tractor ABS Diagnosis
- Hydraulic ABS Diagnosis
- Read ECU Information
- Read Fault Codes
- Erase Fault Codes
- Live Data
- Actuation Tests and Calibrations

ZF

- Read ECU Information
- Read Fault Codes
- Erase Fault Codes
- Sensors Live Data
- Actuation Tests and Calibrations

WABASH

- Read ECU Information
- Read Fault Codes
- Erase Fault Codes
- Sensors Live Data
- Actuation Tests and Calibrations

F3SN Truck Pro School Bus | Other Coverage

F3SN School Bus also has generic function (Read/Remove fault codes, read live sensor data) for other heavy & medium/light-duty truck by J1708 and J1939

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	DETROIT POWERED
<ul style="list-style-type: none"> • Read and clear fault codes • Read freeze frames • Scan and display sensor live data (chart mode, or text mode) • Reset, Calibration, Bidirectional Functions 	<ul style="list-style-type: none"> • Read and clear fault codes • Read freeze frames • Scan and display sensor live data (chart mode, or text mode) (*might need additional adaptor) 	<ul style="list-style-type: none"> • Read and clear fault codes • Read freeze frames • Scan and display sensor live data (chart mode, or text mode) • Reset, Calibration, Bidirectional Functions
CAT POWERED	PERKINS POWERED	VOLVO POWERED
<ul style="list-style-type: none"> • Read and clear fault codes • Read freeze frames • Scan and display sensor live data (chart mode) • Reset, calibration and bidirectional functions (might need additional adaptors) 	<ul style="list-style-type: none"> • Read and clear fault codes • Read freeze frames • Scan and display sensor live data (chart mode, or text mode) 	<ul style="list-style-type: none"> • Read and clear fault codes • Read freeze frames • Scan and display sensor live data (chart mode, or text mode) (*might need additional adaptor)
JCB	NEW HOLLAND	JOHN DEERE
<ul style="list-style-type: none"> • Read and clear fault codes • Read freeze frames • Scan and display sensor live data (chart mode, or text mode) 	<ul style="list-style-type: none"> • Read and clear fault codes • Read freeze frames • Scan and display sensor live data (chart mode, or text mode) 	<ul style="list-style-type: none"> • Read and clear fault codes • Read freeze frames • Scan and display sensor live data (chart mode, or text mode)

Passenger vehicles (from 1992 to recent) OBD II

America		Asia		Europe	
• Buick	• GMC	• Acura	• Mazda	• Abarth	• Opel
• Cadillac	• Lincoln	• Daewood	• Mitshubishi	• 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)

F3SN TruckPro School Bus Screenshots

Diesel engine

- Read ECU Information
- Read fault codes
- Erase Fault Code
- Read Data Stream
- Action test
- Features and Parameters
- Trip Information
- Advanced ECM Data

Navigation: About, Print, Up, Down, BACK

Duty Cycle Monitor

Order Status	Status
Duty Cycle Monitor	Enable
Peak Torque at RPM	650 N*m
Duty Cycle Monitor Short Term Map Number	Undefined
Peak Torque RPM	1200 RPM
Advertised Power at RPM	182 BHP
Advertised Power RPM	2500 RPM
Map 1 Total Time	00:00:00
Map 2 Total Time	00:00:00

F1:Reset Duty Cycle Monitor Group 1
F2:Reset Duty Cycle Monitor Group 2
F3:BACK

Navigation: About, Print, Up, Down, Back

Engine Protection

- Percent Accelerator Pedal or Lever**: 0 %
- Engine Coolant Temperature**: 212.0 °F
- Engine Oil Temperature**: 212.0 °F
- Engine Speed**: 0 RPM

Navigation: Text, Graph, Graph merge, Metre, <<, <, >, >>, Pause

Action test

- Cylinder Cutout Test(Enable)
- Diesel Exhaust Fluid Doser System Heater Test
- Engine State Monitor
- Fan Override Test(Disable)
- Fast Idle Warmup Test(Enable)
- Fuel System Leakage Test(Enable)
- Intake Air Heater Override(Enable)
- Power Generation Tuning Test(Enable)
- SAE J1939 Datalink Control Test(Disable)
- Setup for Dynamometer(Disable)
- Starter Lockout Relay Driver Override Test(Enable)

Navigation: About, Print, Up, Down, Back

- Auto connect**
Read all systems in seconds
- Scan**
Smart scan all vehicles and electronic control units
- Diagnose**
Quickly diagnose all vehicle systems with live data

- Bidirectional Testing**
DPF regen, cylinder cut out and more
- Modify/Reset Parameter**
ECM reset, service reset, injector reset, DPF/DEF reset, modify governor speed, shutdown timers,

The comprehensive solution you need in one powerful handheld device.

F3S-N TruckPro School Bus Diagnostic Scanner Kit



MAIN HANDHELD



MAIN CABLE (DB15)



OBD 16



DIESEL 6-9

F3SN School Bus Scanner Retail Package Kit

- | | |
|---|---|
| <ul style="list-style-type: none">✓ Main handheld unit✓ Adaptors:<ul style="list-style-type: none">• OBD II-16• Diesel 6/9 (type 1 and type 2)✓ Cables<ul style="list-style-type: none">• Main cable (DB15) 3 feet | <ul style="list-style-type: none">✓ Accessories<ul style="list-style-type: none">• AC power adaptor• Fuse✓ Manual/Warranty card✓ One-year hardware manufacturer's limited warranty and two-year software updates |
|---|---|

FCAR Truck Pro Scan Tool

Model: F3SN

School Bus Edition



F3S-N TruckPro School Bus Details

Shipping weight	12 pounds
Shipping dimension	16"x12"x5"
Shipping region	Within U.S.A.
SKU	USS-015-F3N
UPC	649906330462
Part no	FCAR-015-F3N

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

