

Mindreader **OBD II**

Now with Ford DCL and
OBD II Generic capabilities!

Y2K COMPLIANT



AN AFFORDABLE OBD II SCAN TOOL

**COVERS U.S. DOMESTIC VEHICLES,
ASIAN IMPORTS, AND EUROPEAN IMPORTS**

RECORD AND PLAY BACK DIAGNOSTIC DATA

FEATURES AN EASY-TO-USE KEYPAD

CARRIES A 3-YEAR WARRANTY

219-1

Sensor
Simulators
See back page

Break the code in today's complex vehicles with OTC's Mindreader OBD II! It's an affordable starter scan tool or a perfect backup for a busy shop.

- Picks the vehicle's brains, displays engine data stream and trouble code information with code descriptions. Eliminates time-wasting, frustrating guesswork.
- Provides troubleshooting capabilities including freeze frame, readiness tests, continuous monitors, and more on domestic vehicles, as well as Asian and European imports which conform to OBD II Generic standards for '95 to '99 and beyond.
- Troubleshoots General Motors, Chrysler, and Ford vehicles. Covers '81 to '95 GM vehicles; '83 1/2 to '95 Ford vehicles; '84 to '95 Chrysler vehicles.
- Now with Ford DCL coverage - record and play back one event from the DCL data stream.
- Features an easy-to-use key pad and a four-line, twenty-character, LCD data display.
- Records a single "event" for playback and review of diagnostic data. Retains information and data for up to 72 hours.
- Designed and built by American craftsmen who created the famous OTC Monitor scan tool, the industry standard.
- Carries a 3-year warranty...the best in the business!



Mindreader OBD II: It's so easy to use:

1. Connect the tester to the vehicle's diagnostic connector.
2. Enter the vehicle identification information.
3. Read trouble codes and other vehicle system information on the Mindreader screen.

COOL TEMP	197 F	
DIAG STATE	9	ROAD
EGR D/C (%)	000 %	↕
FAN REQ	OFF	e

DATA DISPLAY

A/C REQ	YES	
AIR DIVERT	OFF	
BARO PRESS	27 IHG	↕
BATT VOLTS	13.7V	e

DATA DISPLAY

Mindreader OBD II offers the broadest vehicle system coverage of any similar scan tool on the market.

OBD II Coverage: 1995-1999 and beyond

Covers U.S. domestic vehicles, Asian imports, and European imports that conform to OBD II Generic Standards.

GM Coverage: 1981-1995

Read codes	Yes
Clear codes	Yes
View and record data	Yes
Field service mode	Yes
Diesel	Yes

Ford EEC IV Coverage: 1983 1/2-1995

DCL data stream	Yes
Read KOEO/KOER	Yes
Continuous monitor mode	Yes
Cylinder balance test	Yes
IVSC speed control	Yes
ABS brakes	Yes
"Star Tester" mode	Yes

Ford MCU Coverage: 1984-1995

Read KOEO/KOER codes	Yes
"Star Tester" mode	Yes

Ford MECS Coverage: 1984-1995

Read KOEO/KOER codes	Yes
Switch monitor test	Yes
"Star Tester" mode	Yes

Chrysler Coverage: 1984-1995

Read codes	Yes
Clear codes	Yes
View and record data	Yes
Feedback carburetor	Yes
Actuator tests	Yes
Sensor input test	Yes
Switch state	Yes
AIS actuator test	Yes

Specifications / Features

Readable screen	4 x 20
Record/playback data	1 event, 61 frames
Last vehicle re-use	Yes
OBD II capable	Yes
Warranty	3 years

Ordering Information:



Ford DCL and OBD II Generic capabilities!

No. 3753 – Mindreader OBD II Scan Tool Set. Includes Mindreader OBD II hand-held scan tool, five vehicle cables for GM, Ford, Chrysler, and OBD II/Ford DCL, a rugged storage case, and instruction manual. Wt., 5 lbs., 14 oz.



Update your basic Mindreader to one with OBD II Generic and Ford DCL capabilities!

You can update your No. 3751 set so it gives you OBD II Generic and Ford DCL capabilities with this starter kit! All it takes is a fast and simple replacement of the E-PROM, and we give you everything you need!

No. 3754 – OBD II Generic/Ford DCL Starter Kit. Includes E-PROM and replacement tool, cables (OBD II Generic, Ford DCL, and power), and complete instructions. Wt., 8 oz.



If you don't need OBD II Generic or Ford DCL capabilities, this is the set for you!

It includes the basic Mindreader scan tool and everything you need for troubleshooting 1981 thru 1995 vehicles.

No. 3751 – Mindreader Scan Tool Set. Includes Mindreader hand-held scan tool, three vehicle cables covering GM, Ford, and Chrysler, rugged storage case, and instruction manual. Wt., 4 lbs., 14 oz.



Throttle Position Simulator

- Generates a variable voltage that can be used to simulate any voltage-driven sensor.
- Designed for diagnostic work with sensors that monitor throttle position (TPS), manifold air pressure (MAP), barometric pressure (BP), mass air flow (MAF), and similar type vacuum/pressure data.
- Simulates signals ranging from 0 VDC to 15 VDC.

No. 3585 – Throttle Position Simulator. Wt., 2 lbs., 11 oz.



Temperature Sensor Simulator

- Simulates any resistance-driven sensor.
- Use for troubleshooting sensors which monitor engine temperature (ET), coolant temperature (CTS), manifold air temperature (MAT), outside air temperature (OAT), and transmission fluid temperature (TFT).
- Provides resistances from 75 to 10,000 ohms in the low range and from 75 to 150,000 ohms in the high range.
- Does not require a power source.

No. 3584 – Temperature Sensor Simulator. Wt., 2 lbs., 11 oz.



Crankshaft/ABS Wheel Speed Sensor Simulator

- Generates a variable frequency that can be used to simulate any frequency-driven sensor.
- Helps diagnose problems with ABS wheel sensors; most engine position, rpm pick-up, and standard ignition camshaft sensors; and some manifold air pressure (MAP), barometric pressure (BP), and mass air flow (MAF) sensors.
- Provides signals ranging from 15 to 400 Hz AC/DC in the low range, and from 20 to 4000 Hz AC/DC in the high range.

No. 3586 – Crankshaft/ABS Wheel Speed Sensor Simulator. Wt., 2 lbs., 11 oz.



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