SUN MACHINE 450 SERIES

The Shopkey® service information system, Dynamic Data Collector and the Snap-on Scanner expand your diagnostic range and integrate seamlessly with the SUN Machine 450 Series.

SHOPKEY® is an integrated information system, available on compact disk or DVD, made up of series of software modules that cover each type of information you need: repair estimating and store management:

- SUN Machine offers “pass-through” vehicle and customer identification with SHOPKEY software. That means you identify the vehicle once in either SHOPKEY or SUN Machine, and the data appears in both programs.
- SUN Machine diagnostic reports can now be imported into Service Life and printed out in the completed report — adding the “why” to the “what” of repaired service.
- The Dynamic Data Collector quickly and accurately diagnoses computer-controlled engine and ABS control systems through a compact interface. Fast, automated curve tests locate problem tests.
- Engine serial data and factory custom-izable waveforms are displayed on the SUN Machine monitor extending Scan-Grafix software.

SUN Machine Marketing Support Kit With the SUN Machine comes a complete marketing support kit that helps you build a professional image and market your service work to customers. A vinyl sign, window stickers, handouts, ad slicks and banners promote the value of diagnosis to your customers. The “Personalized Engine Performance Profile” program lets customers coming in for regular oil changes be amazed by the diagnostic systems built into all 1996 and later model years.

THE SUN® MACHINE
CONTINUED EXCELLENCE

TEST W/ THE BEST™: SUN Machine Quality And Performance In A Compact Diagnostic Platform

The right information at your fingertips.

What’s your most important tool for repairing today’s vehicles?

Because information is now the key to automotive diagnosis, internet access. email and networking are automated, remaining tools for technicians, information management and the Internet. Multi-media equipped, WINDOWS-based and network-compatible, SUN Machine 450 offers computer capability for fast information searches and retrieval.

Take full advantage of information resources such as the SHOPKEY® service information database. Snap-on’s own tele-diagnostic service information searches and retrievals.

The Shopkey® service information system, Dynamic Data Collector and the Snap-on Scanner expand your diagnostic range and integrate seamlessly with the SUN Machine 450 Series.
Complete Or Custom Test Sequences Produce The Diagnostics To Guide Engine Service

The heart of SUN Machine 450 engine diagnostic software is the Complete test, which looks at all the valves, manifolds, inversions as well as cylinders. In addition, diagnostic tests can also be added or removed in any desired order. From the diagnostic results of the Complete Custom test sequences, SUN Machine 450 produces and posts specially written reports as guides for writers, technicians, and customers.

• Diagnostic messages are available to aid in development of protocols and procedures in the SUN Machine memory. A quick description sequence is all that’s needed to add or remove diagnostic testing. Each of the individual info-diagnostics has a wide variety of names and modes and are stored at accurate date for each.

• A diagnostic summary indicates list of tests for each of the engine systems, harmonizing the problem symptoms that can result from a single diagnostic test.

• Technical diagnostic messages identify the problem and produce the possible causes and the recommendations detail what further actions have to be taken and how to proceed to correct the problem. The SUN Machine is able to diagnose any issue, such as inefficient operation, costly repairs, and problems that require diagnostics.

• Customer reports cannot technical diagnostic information that enables the diagnostic test sequences to be maintained.

With all these, the SUN Machine helps you and your customer to understand what’s wrong on your vehicles as well as what areas are in need of service.

• The inspections report indicates the status of various underhood components and fluids, and customer information.

• Diagnostic messages for the vehicle under test are developed from precise limits stored in the SUN Machine memory. A quick description sequence is all that’s needed to add or remove diagnostic testing. Each of the individual info-diagnostics has a wide variety of names and modes and are stored at accurate date for each.

Sun Machine 450 Profile

SU N®MACHINE 4 5 0 DIAGNOSTIC ENGINE ANALYZER

SUN MACHINE 450 EL ENGINE ANALYZER

SUN MACHINE 450 EL ENGINE ANALYZER

SUN®MACHINE 450 EL ENGINE ANALYZER

In its fully loaded version, SUN Machine 450 enhances service by generating vehicle-specific engine diagnostics for thousands of early and late model vehicles.

SUN Machine 450 diagnostic software also excels at communicating these vehicle-specific results to both technician and customer alike.

In its basic version, SUN Machine 450 EL is an affordable and flexible engine analyzer with expert level engine troubleshooting at an entry level price. Basic data collection capabilities can be expanded and upgraded as needed. Both SUN Machine 450 versions share the same compact console and powerful computer.

The Choices Are Yours With SUN® Machine 450 EL

In its fully loaded version, SUN Machine 450 enhances service by generating vehicle-specific engine diagnostics for thousands of early and late model vehicles.

SUN Machine 450 diagnostic software also excels at communicating these vehicle-specific results to both technician and customer alike.

Choose one of the many options, such as additional systems, extra engine testing options, or different types of printouts, to customize the SUN Machine 450 to your engine testing needs.

Full packages test menu offers even more options, including advanced testing, advance low amps, and advanced pressure testing.

Powerful SKS Scope is the ideal scope for all testing. It's a large, high-resolution screen, with an advanced test menu, and full computer interface. It's also an accessory tester, making it a great addition to any test menu.

Full test analysis is the most comprehensive test menu offered. It includes all the features of the standard test menu, plus advanced testing, advanced pressure testing, and advanced low amps testing.

Compact Console Leaves A Small Footprint in the Crowded Shop

Basic Engine Troubleshooting

SUN Machine 450 engine analyzer features all engine mechanical and cylinder systems by means of a chugging compression and fuel injection system performance. This computer balanced test, plus SUN Scope and a dedicated test menu to take care of testing.

Compact Console Leaves A Small Footprint in the Crowded Shop

Basic Engine Troubleshooting

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Complete Or Custom Test Sequences Produce The Diagnostics To Guide Engine Service

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