Snap-on Sun	**Model:**	EEOS107A
EQUIPMENT SERVICE		SUN MACHINE 500
		UNIT SET UP
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Installation Instructions

> **INSTALLATION MUST BE PERFORMED**
> **BY**
> **QUALIFIED SNAP-ON/SUN PERSONNEL ONLY**

INSTALLATION OVERVIEW: _____

The Installation Instructions listed are for the SUN MACHINE 500. The unit is shipped as a fully assembled unit with the exception of the items as listed in the PARTS & ACCESSORIES LIST.

PARTS & ACCESSORIES LIST: _____

PART NUMBER	DESCRIPTION	QTY
0002-0133-15	Test Lead Assembly	1
0124-0108-01	Peg Hooks (10 Per Pack)	2
0301-0944-01	Filter Element,75 Micron	1
0301-0945-01	Filter Element,8 Micron	1
0507-0025-01	Test Assembly, Probe Assembly	1
0552-0043	Adapter, Thexton Gm/Ford Coil Terminal	1
0552-0044	Adapter, Thexton Gm Ext Coil	1
0552-0045	Adapter, Thexton Gm Micro Pack	1
0552-0074-01	Adapter, Ford E Core	1
0552-0103-01	Pad, Mouse	1
0552-0116-01	Mouse, 3 Button Black	1
0552-0120-01	Adapter, Chry/Jeep/Eagle	1
0647-0170	Tee	1
0669-0220	Hose,Poly, 1/4 Id	1
0669-0623	Hose	1
0669-0733	Hose	1
0669-0734	Hose	1
0672-0035-01	Test Clip	1
0682-1049-01	Labels, Stickers	4
0692-1617	Quick Reference Guide Secondary Kit 0120-0544	1
0692-1928-01	Product Registration Form	1
0692-2102-01	Quick Reference Guide (Universal Test Lead (STL))	
0692-2123-01	Quick Reference Guide (Universal Test Lead (Secondary))	
0692-2291-01	Warranty Registration Form	1
0692-2406-01	Banner	1
0787-0035	Cap	1
1747-0101	Test Adapter Assembly, Pat Pickup	1
1747-0102	Test Adapter Assembly, Hei Pickup	1
1747-0103	Test Adapter Assembly, Pickup	1

PART NUMBER	DESCRIPTION	QTY
1747-0105	Test Adapter Assembly, Pat Pickup	1
3988-0255-01	Test Assembly, Exhaust Hose 3/16"	1
6002-0346	Test Lead Assembly	1
6002-0349	Jumper	1
6002-0355	Test Adapter, Lead Assembly	1
6004-0407	Test Lead Assembly, Temperature	1
6004-0544-02	Test Lead Assembly, Pattern Dual Hd	2
6004-0716-01	Cable Assembly, Vehicle Interface, Chrysler TBI	1
6004-0717-01	Cable Assembly, Vehicle Interface, GM 12 Pin	1
6004-0718-01	Cable Assembly, Vehicle Interface, Ford EEC IV/MCU	1
6004-0719-01	Cable Assembly, Vehicle Interface, GM 5 Pin	1
6004-0723-01	Cable Assembly, Vehicle Interface, Universal Extension	1
6004-0763-02	Test Lead Assembly, Pattern Conventional	1
6004-0775-02	Adapter, Cable Assembly, DIL Y	1
6004-0795-01	Universal Test Lead (STL)	1
6004-0819-01	Adapter, Universal Pattern Pickup	1
6005-0171-03	Test Lead Assembly, Current Pickup	1
6005-0182-02	Test Lead Assembly, Universal	1
6006-0003	Test Lead Assembly, Vac Hose	1
7009-1374-08	Test Lead Assembly, Timing Light	1
7009-1869-01	Test Assembly, Exhaust Probe Assembly	1
7009-2325-02	Test Lead Assembly, Trigger Pickup	1
7009-2334-03	Test Lead Assembly, Mag Probe	1
7049-0004-01	Oxygen Sensor	1
7054-0056	Adapter, Ford F1 Mag	1
7054-0057	Adapter, Chry C1 Mag	1
7054-0060	Adapter, Ford F2 Mag	1
7054-0062	Adapter, Chry C2 Mag	1
EAW0058C00A	Test Lead Assembly, Volt/Ohm Pinpoint	1
EAW0060C00A	Adapt-0-Cable	1
EAW0096C00A	Monitor, A.C. Cable	1
EERC102A	Remote Control	1
ZEEOS107A	Operators Manual	1

REQUIRED TOOLS: _____

- **Complete Tool Kit**

INSTALLATION INSTRUCTIONS: _____

⚠ **WARNING!**

USE STANDARD ANTI-STATIC PROCEDURES
WHILE PERFORMING THESE INSTRUCTIONS

1. Cut straps, and remove top of carton.

2. Cut the sides of the carton at the taped seams and remove the sides.

3. Look for Software Package (EAK0052C01AB) on the top portion of the unit and set aside.

4. Remove foam packing from around the sides of the unit.

NOTE: *Steps 5 through 8 will require two or more people.*

5. Look at the foam pieces on the bottom of the unit, the longest piece should be on the left hand side (looking at the unit from the front). On the left side break down the cardboard bottom.

6. Starting from the left side of the Tester, with the foam pieces still under unit carefully slide the unit from the pallet moving from right to the left (looking at the unit from the front).

7. Lean the Sun Machine so that half of the foam base can be removed.

8. Lean the Sun Machine so that other half of the foam base can be removed.

9. Remove bubble wrap from Keyboard and Wrist Rest located in cavity under CD-ROM drive, and place keyboard and wrist rest back into cavity.

10. Remove tape from ALL drawers and covers.

11. Inventory all items using the parts listed: inspect for damage. The Unit Accessories are located in the bottom drawer of the unit. The Literature Kit is located the in middle drawer.

NOTE: *Any owner's manuals or software that comes with the computer components are located in the upper drawer of the unit.*

NOTE: *Any REGISTRATION CARDS for the installed software such as MicrosoftÒ DOS, MicrosoftÒ Windows must be filled out and sent in by the customer to Ensure compliance with any software licensing agreements.*

12. Locate Monitor and Monitor Base Kit (EAK0051C0*AB).

13. Discard the A.C. Cable supplied with the Monitor. Replace with the A.C. Cable (EAW0096C00A) found in the Accessories Kit..

14. Follow the installation instructions for mounting the Monitor to the Sun Machine.

NOTE*: * Denotes Monitor Base Kit size, a number 1 is a 15 inch Monitor, and a number 2 is a 17 inch Monitor Kit.*

15. Locate the Mouse and install the Mouse cable end to com2: connector of the connector plate on the back of the unit.

16. Locate the printer paper in the upper storage drawer. Load printer paper into paper cassette of the Printer (100 Sheets maximum). A portion of the remaining paper can be placed under the Printer.

17. Connect all Test Leads along with the Vacuum Hose, to their respective connectors located on the Boom of the Sun Machine. Store any unused leads and accessories in one of the storage drawers.

18. Locate the Oxygen Sensor (7049-0004-01) in the accessories bag, open the back panel door of the tester. Remove the Oxygen Sensor Cover from the IR Drawer, install the Oxygen Sensor into the block and connect the wiring harness to the top of the sensor. Reinstall the cover over the sensor and mounting block.

19. Locate the peg hooks (0124-0108-01), these hooks can be used on the inside of the back door to hang the loose test leads, such as the STL leads and adapters. Close the back door.

20. Get the software package that was set aside in step 3. Using the installation instructions install the CD Rom Software into the Sun Machine.

NOTE: *This tester is equipped with a 4-gas analyzer: see the Emissions Chapter of the Service Manual for the calibration and checkout.*

21. Locate the Okadata OL600e Software Support Disks. Using Disk one install the DOS Operator panel on to the hard drive By going to a DOS and entering A:INSTALL at the DOS prompt.

22. Follow the screen prompts to complete the software loading. Refer to the SUN Machine Service Manual Chapter 5 for proper printer setup through the control panel.

NOTE: *Do Not load the Okadata OL600e Windows drivers from the Software Support Disks. Windows uses the HPIIP printer drivers for this printer.*

23. To set up the QUICK LINK II Fax and Telecommunications software to run in the Windows, you must first setup the COM 3 port to interrupt 5 within Windows.

24. First start the Windows program, from program manager select the MAIN program group.

25. In MAIN select CONTROL PANEL and then select PORTS.

26. From PORTS click on COM3: then select SETTINGS.

27. From SETTINGS select ADVANCED.

28. In Advanced look for the Interrupt Request Line (IRQ) box and change the interrupt to number 5. Select OK, a message will appear to restart window for changes to take effect, at this time select to restart Windows.

29. Once Windows has restarted, From PROGRAM MANAGER select the QUICKLINK II FAX program group.

30. From QUICKLINK II FAX program group select the QUICKLINK II FAX icon.

31. Follow the on screen prompts for initializing the program.

32. If you have any problem with the QUICKLINK II FAX software contact the software manufacture Technical Support for further assistance.

INSTALLATION COMPLETE