

# Installation Instructions

**INSTALLATION MUST BE PERFORMED  
BY  
QUALIFIED EQUISERV PERSONNEL ONLY**

## INSTALLATION OVERVIEW:

The Installation Instructions listed are for the SunSG. The unit is shipped as a fully assembled unit with the exception of the monitor and the items listed in the PARTS & ACCESSORIES LIST. To insure that the most recent release of SunSG operating software is received, the software will be added to the unit before it is shipped to the customer.

## PARTS & ACCESSORIES:

PART NUMBER	DESCRIPTION	QTY
0528-1088-01	Paper, Printer	1
0692-1834-01	Questionnaire	1
0692-2291-01	Form, Product and Warranty Registry	1
1-9281	Filter, 4 Gas Trifilter	1
1-9381	Filter, Gas Screen	1
1-9481	Filter, Water Screen	1
2-7042	Light Pen	1
5-2345	Black Plastic Tie Wrap	1
5692-2291-01	Product and Warranty Registry Form	1
6006-0003	Probe, Vacuum	1
EAA0244L00A	Timing Light	1
EAK0193L30A	Kit, Gas Regulator	1
EAK0206L00A	Kit, Basic Accessory	1
0552-0043	Adapter, Coil Terminal	1
0552-0044	Coil Adapter, GM External	1
0552-0045	Coil Adapter, GM Micropak	1
0552-0074-01	Coil Adapter, Ford E-Core	1
1-3084	Coil Adapter, Fuel Injection	1
2-5734	Insulating Boot, Red	1
2-5736	Insulating Boot, Black	1
2-6657	Clip, Test	2
8-7618	Cap, Vinyl .500" ID X 1.5" Long	2
2-19566	Case, plastic	1
2-19666	Tester, Ignition Spark	1
EAX0037L00A	Probe, Volt/Ohm	1
EAX0037L01A	Probe, Tach	1
EAX0037L02A	Probe, Frequency	1

PART NUMBER	DESCRIPTION	QTY
EAX0037L03A	Probe, Battery	1
EAX0037L04A	Probe, PIC Inductive	1
EAX0037L05A	Probe, Single K Head	1
EAX0037L06A	Probe, GM HEI Head	1
EAX0037L07A	Probe, High Current	1
EAX0037L08A	Probe, Low Current	1
EAX0037L10A	Probe, KV Cable	1
EAX0037L11A	Probe, Exhaust	1
EAX0037L12A	DIS Cable (Red)	1
EAX0037L13A	DIS Cable (Yellow)	1
EAX0037L14A	Cable, Timing Adapter	1
EAX0037L15A	Probe, Toyota	1
TEEOS126AFS	Installation Instructions	1
ZEEOS126A	Operator's Manual	1

**REQUIRED TOOLS:** \_\_\_\_\_

- Complete Tool Kit

**INSTALLATION INSTRUCTIONS:** \_\_\_\_\_

**NOTE: STEPS 1 THROUGH 6 WILL REQUIRE TWO OR MORE PEOPLE.**

1. Cut and remove the straps. Remove the top of the shipping carton.
2. Remove the carton by sliding the carton over top of the unit.
3. Remove unit-packing material from around the sides of the unit.
4. Carefully slide the unit and foam base partially off of the shipping pallet.
5. Lean the *SunSG* so that the shipping pallet and half of the foam base can be removed.
6. Lean the *SunSG* so that other half of the foam base can be removed.
7. Remove tape from ALL drawers and covers.
8. Remove bubble wrap from Keyboard, located in the keyboard drawer.
9. Inventory all items using the Parts & Accessories List and inspect for damage. The Unit Accessories and the Literature Kit are located in the bottom drawer of the unit.

**NOTE: ANY SOFTWARE OR HARDWARE, OWNERS' MANUALS AND PRE-LOADED SOFTWARE THAT COME WITH THE COMPUTER, SUCH AS MICROSOFT® WINDOWS® 98, ARE LOCATED IN THE BOTTOM DRAWER OF THE UNIT.**

**NOTE: ANY REGISTRATION CARDS FOR THE INSTALLED SOFTWARE SUCH AS MICROSOFT® WINDOWS® 98 MUST BE FILLED OUT AND SENT IN BY THE CUSTOMER TO ENSURE COMPLIANCE WITH ANY SOFTWARE LICENSING AGREEMENTS.**

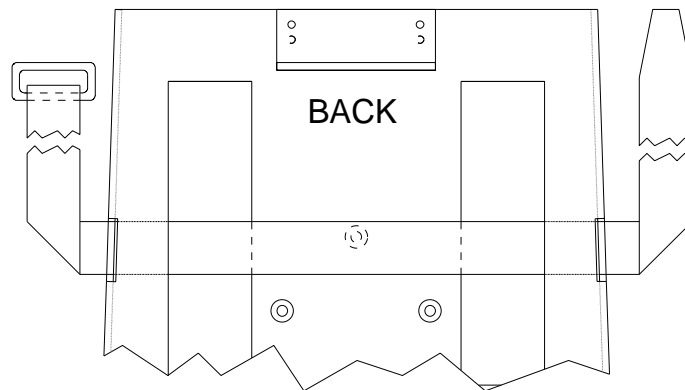


Figure 1, Monitor Base Plate

10. The monitor is shipped separately from the unit. Locate the monitor box.
11. Remove the monitor from the box and inspect the monitor for damage. Discard the AC Cable supplied with the monitor.
12. Set the monitor against the **back** bracket on the base plate as shown in figure 1.
13. Slide the front bracket snug up to the front of the monitor and tighten the nuts of the brackets.
14. Fasten the Velcro straps over the top of the monitor and snug down.
15. Connect the video cable to "video" port on the left side of the *SunSG*.
16. Connect the power cord to the monitor.

***NOTE: THE LIGHT PEN HOLDER IS INSTALLED "ONE TIME ONLY". AFTER IT IS INSTALLED AND REMOVED IT WILL NOT STICK PROPERLY A SECOND TIME.***

17. Locate the Light Pen Holder. Fasten it to the left side of the monitor so that the light pen (2-7042) can be inserted from the front.
18. Connect the Light Pen cable to the **Light Pen** Connector, located on the left side toward the back of the tester.
19. Using the Black Plastic Tie Wrap (5-2345), tie down the Light Pen Cord so that if it is dropped it will not hit the floor. Fasten the tie wrap to the monitor base where the Velcro strap is.
20. Locate the printer paper (0528-1088-01) in the bottom drawer. Load printer paper into paper tray in the bottom of the printer. Install a maximum of 100 sheets in the printer. Store the rest in the bottom drawer.

**LEAD HOOKUP**

21. Hook up the leads according to the following chart.

Lead Label	Lead Color	Part Number	Connect To:
Timing Adapter Cable	Black	EAA0244L00A	"Timing Light"
Timing Light	Red	EAX0037C14A	Timing Adapter Cable
High Current	Black	EAX0037L07A	"High Current "
Low Current	Black	EAX0037L08A	"Low Current"
Number One	Red	EAX0037L04A	"No. 1"
KV Pickup	Yellow	EAX0037L05A	"KV 1"
KV Pickup Adapter	Yellow	EAX0037L10A	KV Pickup Lead
Volts/Ohms	Red	EAX0037L00A	"Volt/Ohm"
Tachometer	Green	EAX0037L01A	"Tachometer"
Frequency	Yellow	EAX0037L02A	"Frequency"
Light Pen	Black	2-7042	"Light Pen"
Battery- & Battery+	Black & Red	EAX0037L03A	"Battery"

**END USER LICENSE AGREEMENT**

22. Power up the unit.
23. Unit will boot up. After boot up it will automatically do a scandisk and go into the Microsoft® Windows® 98 Setup Wizard.
24. Enter the Store Number and Manager's Name and select **NEXT >**.
25. Read the licensing agreement. Select the **I accept the agreement** option to continue the setup and select **NEXT>**.
26. Type in the Product Key as it appears on the Windows Certificate of Authenticity shipped with the Windows® 98. Select **NEXT>**. Select **FINISH**.
27. Type **SUNSG** in the User Name field. Select **OK**.

**NOTE: DO NOT ENTER A PASSWORD.**

28. At the Add New Hardware Wizard select **NEXT>**.
29. Select Search for Best Driver for your Device. (Recommended). Select **NEXT>**, **NEXT>**, **NEXT>**. Select **FINISH**.
30. Verify the date and times are correct. If not, make the necessary corrections and Select **APPLY**.
31. Press **CANCEL**.
32. System settings are updated automatically and the *SunSG* application starts.

<b>INSTALLATION COMPLETE</b>
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