Snap-on

Installation Instructions

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

INSTALLATION OVERVIEW:

This kit is for the installation of the VIP 1R-5 AND VIP-1R-10 for the MCS-2500, MCS-4000, MGA-9000, and the ETB. The kit includes all the parts necessary to correctly install VIP-1R.

PREREQUISITE:

MCS-2500	must have a PC Interface kit #1091-0313-01 and Power Distribution kit #1091-0316-01.
MCS-4000	must have a PC Interface kit #1091-0235-01.
MGA-9000	must have a PC interface kit #1091-0235-02.
ETB	must have a PC Interface kit #AA-800.

PARTS & ACCESSORIES LIST FOR:

PART NUMBER	DESCRIPTION	-5 QTY	-10 QTY
0552-0043	GM and FORD Coil Adapter	1	1
0552-0044	GM External Coil Adapter	1	1
0552-0045	GM Micro Pack Adapter	1	1
1747-0101	Pattern, Pickup, Chrome	1	1
1747-0102	HEI Pickup	1	1
6004-0462	Volt/Ohm Test Lead, Pink, 10ft		1
6004-0462-01	Volt/Ohm Test lead, Pink, 5ft	1	
6004-0544-01	Pattern, Dual, Assembly, Blue, 5ft	1	
6004-0544-02	Pattern, Dual, Assembly, Black, 10ft		1
6004-0763-01	Pattern Lead Conventional, Blue, 5ft	1	
6004-0763-02	Pattern Lead Conventional, Blue, 10ft		1
6004-0768-01	Cable Assembly, Pod	1	1
6005-0182-01	Universal Test Lead Assembly, 5ft	1	
6005-0182-02	Universal Test Lead Assembly, 10ft		1
7009-2376-02	VIP-1 Assembly	1	1
7009-2325-01	Trigger Pickup and Lead Assembly, Red, 5ft	1	
7009-2325-02	Trigger Pickup and Lead Assembly, red, 10ft		1
0692-2315-01	Installation Instructions	1	1
0692-1834-01	SEL 1403c, Questionnaire	1	1
0692-1034-01	Label, Key Board	1	1
0692-2317-01	Operator's Manual	1	1

REQUIRED TOOLS: _____

② COMPLETE ISSUED TOOL KIT
② ANTI-STATIC KIT

INSTALLATION INSTRUCTIONS: _____

⚠ **W A R N I N G !**

USE STANDARD ANTI-STATIC PROCEDURES
WHILE PERFORMING THIS PROCEDURE

---

1. After performing the initial checkout and any necessary repairs, switch off the tester and disconnect it from the power source.

2. Connect the POD Cable Assembly (6004-0768-01) from the VIP-1R assembly connector to the VIP-1R connector on the back of the tester.

3. **NOTE**: *Make sure both the beige seals are installed. If one is missing order PN 4162-0947.*

4. Connect the Trigger Pickup and Lead Assembly (7009-2325-**) to the Trigger Pickup Lead connector on the VIP-1R assembly.

5. Connect the Universal Test Lead Assembly (6005-0182-**) to the Universal Test Lead Connector on the VIP-1R Assembly.

6. Connect the Volt/Ohm Test Lead Assembly (6004- 0462-**) to the Volt/Ohm Connector on the VIP-1R Assembly.

7. Connect the Pattern Pickup (1747-0101) to the Conventional Pattern Lead (6004-0763-**).

8. Connect the Pattern Pickup Assembly from the previous step to the Pattern Pickup Connector on the VIP-1R.

9. Clean the keyboard surface to remove dirt and dust. Peel the backing off the Keyboard Label (0692-1034-01) and place the label around the function keys as shown in Figure 1.
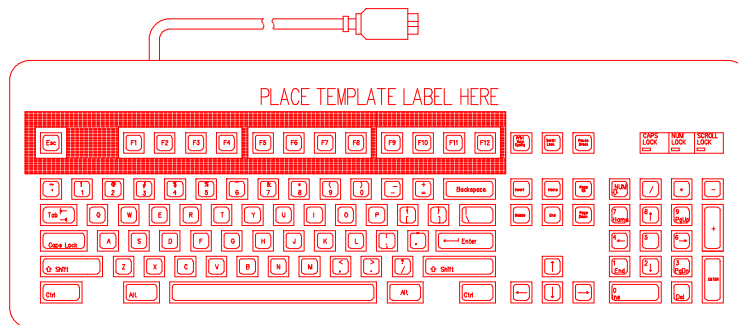

Figure 1 Keyboard Label

10. Place Adapter (0552-0043), Adapter (0552-0044), Adapter (0552-0045), HEI Pickup (1747-0102) and Dual Pattern Lead Assembly (6004-0544-**) in the Storage Drawer.

** The dash number of the leads depends on the dash number of the kit being installed. See the parts list on page one for dash numbers.

****
*   **INSTALLATION COMPLETE**   *
****

CHECKOUT PROCEDURE: _____

1. Connect tester to AC power and turn on.
2. Select **1. VIP Engine Analyzer**.
3. Select **Continue**.
4. Select **1. ID**, then **3. Vehicle Code**.
5. Type 115, then select **Continue**.
6. Select **3. Pin Point**, then **1. Engine Data**.
7. Connect the VIP-1R to an IS-100A and set it to 8 Cylinders, Delta KV on, and Ignition on.
8. Verify RPM, Dwell, KV, and Battery volts for proper operation.

****
* **CHECKOUT COMPLETE** *
****