



Model: VIP IR-5 KIT, VIP 1R-10 KIT
For MCS-2500, MCS-4000,
MGA-9000, and ETB

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Installation Instructions

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

INSTALLATION OVERVIEW:

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

PREREQUISITE:

MCS-2500 must have a PC Interface kit #1 091-0313-01 and Power Distribution kit #1091-0316-01.
MCS-4000 must have a PC Interface kit #1 091-0235-01.
MGA-9000 must have a PC interface kit #1 091-0235-02.
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: _____

- COMPLETE ISSUED TOOL KIT
- ANTI-STATIC KIT

INSTALLATION INSTRUCTIONS: _____

! WARNING!

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-1 R assembly connector to the VIP-1 R 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-1 R assembly.
5. Connect the Universal Test Lead Assembly (6005-01 **82-****) to the Universal Test Lead Connector on the VIP-1 R Assembly.
6. Connect the Volt/Ohm Test Lead Assembly (6004- 0462-*) to the Volt/Ohm Connector on the VIP-1 R Assembly.
7. Connect the Pattern Pickup (1747-01 01) 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 (0692-1 034-01) and place the label around the function keys as shown in Figure 1.

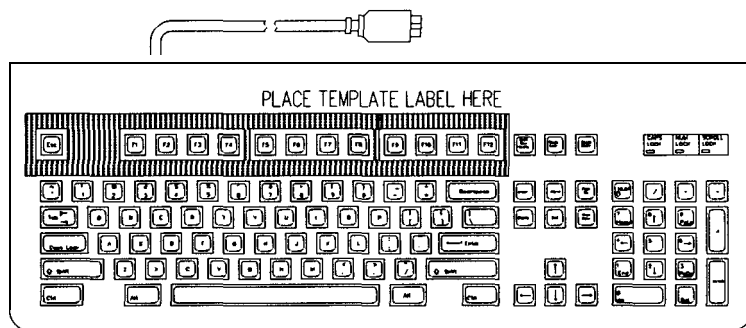


Figure 1 Keyboard Label

10. Place Adapter (0552-0043), Adapter (0552-0044), Adapter (0552-0045), HEI Pickup (1747-01 O2) 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-1 R to an IS-1 OOA 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 •
