



Model: VIP 2R-5 KIT, VIP 2R-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-2R-5 AND VIP-2R-10 for the MCS-2500, MCS-4000, MGA-9000, and the ETB. The kit includes all the parts necessary to correctly install the VIP-2R into the tester.

PREREQUISITE:

All of these units require a VIP-1R-5 OR VIP-1R-10 kit first.

PARTS & ACCESSORIES LIST FOR:

PART NUMBER	DESCRIPTION	-5 QTY	-10 QTY
0403-1211-04	Screw, 4-40 X 1/4	4	4
0647-0170	Tee	1	1
0669-0623	Hose, 1/8 X 5/16 X6	1	1
0669-0733	Hose, 3/16 X 5/16 X 6	1	1
0669-0734	Hose, 1/4 X 7/16 X 6	1	1
0692-1834-01	Sel 1403c, Questionnaire	1	1
0692-2316-01	Installation Instructions	1	1
6004-0407	Test Lead, Low Temperature 10ft	-	1
6004-0407-02	Test Lead, Low Temperature 5ft	1	-
6004-0813-01	Cable Assembly, Interconnection	1	1
6005-0171	Current Pick-Up 10ft	-	1
6005-0171-01	Current Pick-Up 5ft	1	-
6006-0003	Vacuum Hose 10ft	-	1
6006-0003-01	Vacuum Hose 5ft	1	-
7009-1374-06	Timing Light Assembly 10ft	-	1
7009-1374-07	Timing Light Assembly 5ft	1	-
7009-2334-01	Mag Probe, Test Lead 10ft	-	1
7009-2334-02	Mag Probe, Test Lead 5ft	1	-
7009-2377-02	VIP 2R Assembly	1	1
7054-0056	Adapter, Ford F1 Mag	1	1
7054-0057	Adapter, Early Chrysler C1 Mag	1	1
7054-0060	Adapter, Ford F2 Mag	1	1
7054-0062	Adapter, Chrysler C1 Mag	1	1

REQUIRED TOOLS: _____

- ② COMPLETE SUN ISSUED TOOL KIT
- ② ANTI-STATIC KIT

INSTALLATION INSTRUCTIONS: _____



1. After performing the initial checkout and any necessary repairs, switch off the tester and disconnect it from the power source.
 2. Set the VIP-2R assembly (7009-2298-01) on top of the VIP-1R and ensure that the four fasteners on the bottom of VIP-2R are fully seated in the four holes in the top of VIP-1R.
 3. Connect the ribbon cable (6004-0813-01) between VIP-1R and VIP-2R using the 4 screws (0403-1211-04).
 4. Connect the vacuum hose (6006-0003-**) to the vacuum connector on the rear of VIP-2R.
 5. Install the tee (0647-0179) in the end of the vacuum hose.
 6. Connect the current pickup (6005-0171-**) to the amp connector on the rear of VIP-2R.
 7. Connect the low temperature test lead (6004-0407-**) to the temp connector on the rear of VIP-2R.
 8. Connect the timing light assembly (7009-1374-**) to the timing light connector on the rear of VIP-2R.
 9. Place the remainder of the adapters, hoses, and test leads 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 it on.
2. Select #1 from the menu to select VIP Engine Analyzer.
3. From the "VIP SYSTEM" page, select "CONTINUE".
4. Select #6 Utils, then #7 Options.
5. Select the button for "VIP 2 Installed".
6. Select "CONTINUE".
7. Select #5 STATUS, then #1 CALIBRATION.
8. Verify that all VIP 2 parameters read green for calibrated.

 * **CHECKOUT COMPLETE** *
