

Installation Instructions

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

INSTALLATION OVERVIEW: _____

This kit is for the installation of the Electronic Data Collector 1 (EDC 1) on a PC based Host Tester. Prerequisite to installing this is that the PC interface kit (1091-0313-01) and the Power Distribution kit (1091-0316-01) is installed. The kit includes all the parts necessary to correctly install the EDC 1.

PREREQUISITE: _____

PC Interface and Power Distribution Kits must be installed.

PARTS & ACCESSORIES LIST: _____

PART NUMBER	DESCRIPTION	QTY
0552-0043	Adapter, Coil Terminal	1
0552-0120-01	Adapter, Chrysler/Jeep/Eagle	1
0682-1049-01	Labels, Stickers	1
0692 1834-01	Questionnaire, SEL 1403C	1
0692-2458-01	Installation Instructions	1
1747-0101	Pattern Pickup	1
1747-0102	HEI Pickup	1
6004-0544-02	Pattern Dual HD Assy.	1
6004-0763-02	Pattern Lead, Conventional Assy.	1
6004-0768-01	Umbilical Cable	1
6004-0819-01	Adapter, Universal Secondary	1
6005-0182-02	Universal Test Lead	1
7009-2325-02	Trigger Pickup & Lead Assy.	1
EAA0128C01A	EDC Pod Assembly	1
EAW0058C00A	Dual Volt/Ohm Test Lead	1

REQUIRED TOOLS: _____

- Complete Tool Kit
- Anti-Static Kit






INSTALLATION INSTRUCTIONS: _____

1. After performing the initial checkout and any necessary repairs are carried out, switch off the Tester and disconnect it from the power source.
2. Set the EDC-1 in its proper location on the boom or in the EDC Pod Holder on the side of the unit.
3. Connect the Umbilical Cable Assembly (6004-0768-01) from the EDC-1 Connector to the EDC Connector on the rear of the Tester.
4. Connect the Trigger Pickup and Lead Assembly (7009-2325-02) to the Trigger Pickup Connector on the EDC-1.
5. Connect the Universal Test Lead Assembly (6005-0182-02) to the Universal Test Lead Connector on the EDC-1.
6. Connect the Dual Volt/Ohm Test Lead Assembly (EAW0058C00A) to the Pinpoint Connector on the EDC-1 Assembly.
7. Connect the Pattern Pickup (1747-0101) to the Pattern Lead (6004-0763-02).
8. Connect the Pattern Pickup Assembly from the previous step to the Pattern Pickup Connector on the EDC-1.
9. Place the remainder of the Adapters, Hoses, and Test leads in the Storage Drawer.
10. Complete the Field Quality Control Questionnaire, SEL 1403C (0692-1834-01) and follow the Instructions on the form for mailing.
11. Insert these Installation Instructions in rear of the Service Manual for future reference.

INSTALLATION COMPLETE

CHECKOUT PROCEDURE

1. Connect tester to 115V AC outlet and turn on power and allow the tester to complete warm up.
2. Select  from the Sun Machine Menu.
3. Verify that all parameters for EDC 1 are green for Calibration.
4. Press  to Continue.
5. Choose Vehicle ID then Description.
6. Choose 1976, Buick, H engine code, press  to continue.
7. Choose Test Menu, Pinpoint Tests, and then Engine Data.
8. Connect the IS-100A to 115AC outlet. Connect the EDC-1 to the IS-100A and set to 8 cylinder Delta KV off and ignition on.
9. Verify RPM, Dwell and Battery Volts for proper operation.
10. Verify KV by clicking the right mouse button to backup.
11. Choose Dynamic KV and verify that the firing voltages are 20KV. Cylinder #2 in firing order is lower with Delta KV on.
12. If there is a problem refer to the Sun Machine Service Manual.

CHECKOUT COMPLETE