

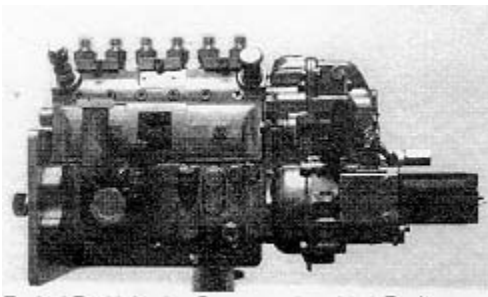
## Testing and Adjusting

SMCS - 1256-015; 1256-016; 1258-015; 1258-016

## Introduction

This section provides the setup and adjustment procedures for testing and adjusting Fuel Injection Pumps on 3046 Engines. The fuel injection pumps are tested using the Fuel Injection Equipment Test Stand. See Special Instruction SEHS8200, "Using the fuel Injection Equipment Test Stand" for operating instructions.

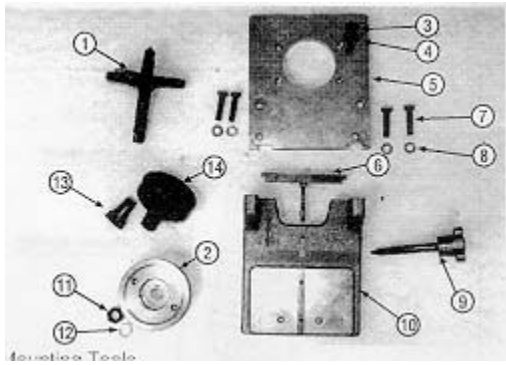
These pumps can also be tested on earlier fuel injection test benches using the same tooling and procedure. See Special Instruction SEHS7465.



Typical Fuel Injection Pump used on 3046 Engines

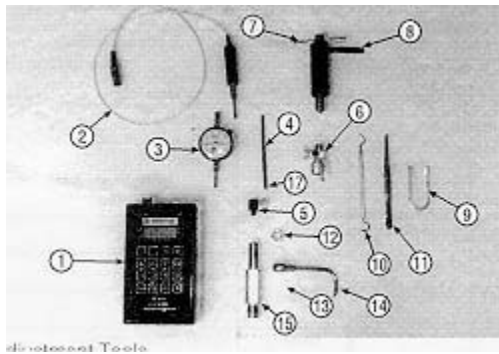
## Tooling

The tools listed are required to test the pump and governor assembly. These tools are not available in a group and must be purchased separately.



Mounting Tools

Mounting Tools		
Ref.	Part No.	Description
1	8S2264	Puller Assembly
2	9U7493	Drive Adapter
3	0T0772	Bolt
4	4S9191	Flat Washer
5	9U7494	Pump Mounting Plate
6	6V9138	Mounting Assembly (T-Bar)
7	0T0924	Bolt
8	5M2894	Flat Washer
9	6V9134	Lock Screw (used with T-Bar)
10	6V9132	Base Plate
11	1181713	Washer
12	1181711	Nut
13	2A4639	Bolt (2)
	5M2894	Flat Washer (2)
14	6V6048	Drive Adapter



Adjustment Tools

Adjustment Tools		
Ref.	Part No.	Description
1	8T1001	Electronic Position Indicator
2	8T1002	Indicator Probe
3	6V3075	Indicator
4	5P4163	Indicator Tip
5	4C2982	Indicator Collet
6	4C5713	Nozzle Overflow Assembly
7	1262370	Wrench
8	4C5567	Torque Adjusting Socket
9	4C6509	Plunger Spring Retainer
10	5P1720	Seal Pick
11	4C6605	Tweezer
12	9Y6051	Locknut
13	4C5604	Copper Washer (2)
14	4C4658	J-tube Fitting
15	4C4766	Plunger Adapter
16	8S4950	Cap (not shown)
17	9U6272	Nylon Screw