

# ECLIPSE INJECTION SYSTEMS

## INSTRUCTIONS FOR USE

### Setting Up The System.

1. Insert the pump suction & return hoses into the chemical container.
2. Connect the injection loom to the pump, close all injector valves except one which is inserted into the chemical container.
3. Ensure the pressure control valve is set for minimum pressure i.e. turned fully anticlockwise.
4. Connect the pump to a suitable power supply & switch on.
5. Allow the pump to run until a steady flow of liquid passes through the injector into the chemical container then close the injector valve and remove.
6. Set the required pressure by adjusting the pressure control valve – the system is now ready for use.

### Special Note.

When switching off the pump either during or upon completion of the job it is important to release the pressure in the system by setting the pressure control valve for minimum pressure. This practice will assist re-starting and greatly reduce the wear on the pressure control valve diaphragm.

### Flushing the pump after use.

Upon completion of the day's work the pump should be drained of chemical by setting the pressure control valve to minimum pressure, lifting the suction hose from the chemical container and letting the pump run for a couple of minutes. The injection loom should be disconnected from the pump and drained into the chemical container.

The pump & injection loom should be flushed through with white spirit or a suitable substitute. This operation is best carried out by following the instructions for setting up the system from 1-5 and then drain as above.

### General Maintenance.

1. The pump head should be greased every two weeks using a small low pressure push-type gun on the nipple in the cam bearing. At the same time apply a generous dab of grease to the outer surface of the cam bearing on each side. Do not grease excessively. It is recommended to use lithium based automotive chassis grease.
2. Keep the machine clean ensuring that the snap connector is clear of dirt & occasionally oiled between the sliding sleeve & the main body.