

## TP002 Fuel Pump Test Data In – Line



### **Equipment Specification**

Fuel pump: BPF2A60S6242EL or BPF2A60S6403EL

Des No:

Governor: N/A

Injector: BKBL67S650

Nozzle: BDLL 140S6119 set @ 185 ats

### **Instillation Specification.**

Application: Tractor David BROWN

Engine Type: 20D

### **Test Rig Conditions.**

Nozzle Holders: BKB50SD19b

Nozzle: BDN12SD12

Injection Setting Pressure: 175 atm.

Feed Pressure: 6psi to 12psi

High Pressure Pipes: 6mm x 2mm x 600mm long.

### **Test Procedure.**

Phasing: Set on Engine

Set No 1 line to 0.5. Plus Or Minus 0.05 Head Clearance.

Phase other lines to within Plus or Minus 0.5 degrees of No 1.

Firing Order: 1. 2. Clock Wise Rotation at No 1 end.

### **Calibration Order of Tests:**

TEST No:	C.R.O In Mm's	R.P.M	No of Strokes	Fuel Delivery c.c's	Max Spread cc's
1	9	200	100	1.4 -2.1	0.4
2	9	1000	100	1.5 – 2.3	0.3
3	Not Less Than 2	1000	=	zero	=
<b>Remarks: Maximum Fuel Setting: 3.4ccs to 3.5ccs /100 strokes @ 600 RPM</b>					

This is a re-issue of a CAV Test Plan.  
Peter Slater FIE