

CALIBRATION DATA CHART 5965b
INJECTION ASSORTMENT PP4M10P1f - 3439
FOR ENGINE: D 245.7

The mentioned values are for MOTORPAL Test Equipment only

30.07.2010

- A:
1. Direction of rotation RIGHT
 2. Beginning of delivery 4,0 +- 0,05 mm od/from DMP
 3. Injection order 1-3-4-2
 4. Tolerance zone 60'
 5. Angular division 0-90-180-270

Adjusting pictures: S515
Testing liquid ISO 4113 (Shell S.9365).

- B:
1. Injection nozzles BOSCH 1688901988
 2. Injectors 1688901111
 3. Opening pressure 14,7 MPa
 4. High pressure pipes 6x2x750 mm
 5. Overpressure valve 0,11-0,15 MPa
 6. Temp. of test. liquid ISO 4113 (Shell) 40 °C

| C: | Adjusting operation | Revolutions / min | No. of strokes | Delivery Q (ccm) | Difference (ccm) | Notice | Angle |
|----|----------------------------|-------------------|----------------|------------------|------------------|---------------------------|-------|
| 1 | Nom.delivery adjusting | 1200 | 200 | 21,9-22,3 | 1,1 | 1a*, 1b* x=1,0 mm | |
| 2 | Beginning of STOPPING | 1215-1225 | | | | 2* | |
| 3 | S T O P | max. 1345 | | 0 | | 3* | |
| 4 | Aut.START del.end | 350-380 | | | | 4* | |
| 5 | Corrector setting | 850 | 200 | 21,5-22,3 | 1,3 | 6* | |
| 6 | Fuel delivery checking | 550 | 200 | 19,8-20,8 | 1,5 | | |
| 7 | Start fuel delivery | 100 | 50 | 7,5-8,5 | 0,8 | 7* | |
| 8 | Insert B.P.C. into oper. | | | | | 8* | |
| 9 | Adj.B.P.C.stop-screw. | 550 | 200 | 17,0-18,0 | 1,7 | 9* p=0,000 MPa | |
| 10 | B.P.C.spring setting | 550 | 200 | + 1,0-1,8 | | 10* p=0,015-0,025, Q9<Q10 | |
| 11 | Idle-speed del.STOP check. | 250 | 300 | 6,0-6,5 | 1,5 | 5*,5a* p=0,000 MPa | |
| 12 | Fuel delivery checking | 200 | 200 | min. 7,0 | | p=0,000 MPa | |
| 13 | Idle-speed STOP | max. 340 | | 0 | | | |
| 14 | Op.No.1 and STOP checking | 1200 | 200 | 21,9-22,3 | 1,1 | 1c* p=0,050 MPa | |