



Customer TTZ046721

Test facility
TURBO TEC

Customer number

Job number 2

Telephone

Fax

Remark

Test user

Type number 0445116006	--	Type designation CRI 3-18	Revision date 08.02.2012	Compensation
Manufacturer Bosch	Component CRI	Type Piezo	Control point 	Temperature 40 °C

Complaint

Problem

Remark

	Injector A	Injector B	Injector C	Injector D	Injector E	Injector F
Serial number	02526	02448	02447	00048		
Date of manuf.						
Repair ID						
Repair res.						
Leak test						
IMA identifier	---	---	---	---		

- # 1 Start up Flow meas.
- # 2 Conditioning Flow meas.
- # 3 Clean run Flow meas.
Clean run Injector
- # 7 Conditioning Flow meas.
Conditioning test bench
- # 8 Start test Flow meas.
Start test Injector



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Manufacturer Bosch	Component CRI	Type Piezo	Control point 	Temperature 40 °C		
Serial number	Injector A 02526	Injector B 02448	Injector C 02447	Injector D 00048	Injector E	Injector F
Date of manuf.						

- # 9 Back pressure Flow meas.
 ✓ Back pressure prepare
 - # 10 Conditioning Flow meas.
 ✓ Pressure step for ISA
 - # 11 Conditioning Flow meas.
 ✓ Conditioning for ISA
 - # 12 Warm up Flow meas. °C = 40
 ✓ Warm up Testbench for ISA
 - # 13 ISA detection ISA calibration
 ✓ ISA detection
 - # 14 Conditioning Flow meas.
 ✓ Pressure step for VL point
 - # 15 Warm up Flow meas. °C = 40
 ✓ Warm up Testbench
 - # 16 Conditioning Flow meas.
 ✓ Conditioning for VL point
 - # 17 VL Flow meas. **x** IMA setting
 ✓ Measure point VL B, C,
 - # 18 Conditioning Flow meas.
 Conditioning for VE point
- | | | | | | | | | |
|---|--------|---------------|---------|------|-------|--------|--------|-------|
| n | /min | °C | p MPa | U V | t μs | p kPa | p kPa | s |
| | 2000 | 40.0 | 120.0 | ---- | 180 | 10.0 | 20 | ---- |
| | 250 | 1.0 | 1.0 | | 400 | 5.0 | 10 | 300 |
| | = 1999 | = 41.9 | = 120.1 | | | = 10.0 | = 20.1 | = 300 |



Type number 0445116006	--	Type designation CRI 3-18	Revision date 08.02.2012	Compensation X		
Manufacturer Bosch	Component CRI	Type Piezo	Control point 	Temperature 40 °C		
Serial number	Injector A 02526	Injector B 02448	Injector C 02447	Injector D 00048	Injector E	Injector F
Date of manuf.						

# 19	VE	X	IMA setting		Flow meas.		
	Measure point VE		A, B, C, D,				
n /min	°C	MPa	V	μs	p kPa	p kPa	s
2000	40.0	120.0	----	180	10.0	20	----
250	1.0	1.0		400	5.0	10	----
= 1999	= 42.1	= 120.0			= 10.0	= 20.4	= 58
kPa	mm³/H	mm³/H	mm³/H	mm³/H	mm³/H	mm³/H	
1000	1.6	1.6	1.6	1.6	1.6	1.6	
	1.3	1.3	1.3	1.3	1.3	1.3	
	A= 1.3	B= 1.2	C= 1.3	D= 1.4			

# 20	Conditioning				Flow meas.
	Conditioning for LL point				
# 21	LL	X	IMA setting		Flow meas.
	Measure point LL		A, B, C,		
# 22	Conditioning				Flow meas.
	Conditioning for EM point				
# 23	EM	X	IMA setting		Flow meas.
	Measure point EM		C,		