DCI injector test report

Test parameters

Test bench type	*Software version*	*Test plan*	*Print date*
DCI700	1.4.6.2507	Official Bosch	9/12/26
Test bench serial number	*Firmware version*	*Test source databank version*	*Printing time*
0540088148	1.3.2424-master.2120	1.4.6.2 2025/08	4:15 PM

Remark: **To obtain reliable test results, genuine spare parts and repair instructions must be used.**

Workshop

Unavailable

Order number
BESF004

Tester

User

Date of result
9/12/26

Time of result
4:12 PM

Customer

Unavailable

Number
--

Injector

Part number	*Type designation*	
0445110126	CRI 1-13	
Serial number	*Date of manufacture*	*Repair ID*
--	--	--
Encoding	*Slot*	
--	A	

Test result

Test steps successful	*Test steps unsuccessful*	*Remark*
5	1	--
Current encoding		
--		

Details of test result

Test step number	1	*Test time*	0 s
Test step name	Leak Test	*Test result*	? Not tested
Injector actuation time	-- µs	*Rotational speed*	-- 1/min
Injector actuation frequency	-- 1/min	*Tank temperature*	-- °C
Rail pressure	-- MPa		
Injector quantity	-- mm^3/H	*Return quantity*	-- mm^3/H
Quantity temperature	-- °C	*Return temperature*	-- °C
		Return pressure	-- kPa

Test step number	2		*Test time*	80	s
Test step name	Start Up		*Test result*	✔ Passed	
Injector actuation time	1250	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	1000	1/min	*Tank temperature*	40.3	°C
Rail pressure	135.0	MPa			
Injector quantity	78.8	mm³/H	*Return quantity*	31.9	mm³/H
Quantity temperature	56.3	°C	*Return temperature*	43.6	°C
			Return pressure	50	kPa

Test step number	3		*Test time*	40	s
Test step name	VL		*Test result*	✔ Passed	
Injector actuation time	850	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	1500	1/min	*Tank temperature*	40.2	°C
Rail pressure	135.1	MPa			
Injector quantity	61.5	mm³/H	*Return quantity*	25.3	mm³/H
Quantity temperature	58.9	°C	*Return temperature*	44.1	°C
			Return pressure	50	kPa

Test step number	4		*Test time*	15	s
Test step name	EM		*Test result*	✔ Passed	
Injector actuation time	600	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	2000	1/min	*Tank temperature*	40.3	°C
Rail pressure	80.0	MPa			
Injector quantity	27.0	mm³/H	*Return quantity*	12.0	mm³/H
Quantity temperature	57.9	°C	*Return temperature*	44.2	°C
			Return pressure	50	kPa

Test step number	5		*Test time*	30	s
Test step name	VE		*Test result*	✔ Passed	
Injector actuation time	160	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	2000	1/min	*Tank temperature*	40.3	°C
Rail pressure	80.1	MPa			
Injector quantity	1.6	mm³/H	*Return quantity*	5.9	mm³/H
Quantity temperature	54.0	°C	*Return temperature*	44.0	°C
			Return pressure	51	kPa

Test step number	6		*Test time*	15	s
Test step name	LL		*Test result*	✔ Passed	
Injector actuation time	600	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	1000	1/min	*Tank temperature*	40.4	°C
Rail pressure	25.1	MPa			
Injector quantity	3.9	mm³/H	*Return quantity*	7.2	mm³/H
Quantity temperature	50.6	°C	*Return temperature*	43.8	°C
			Return pressure	50	kPa

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Injector

Part number	*Type designation*	
0445110126	CRI 1-13	
Serial number	*Date of manufacture*	*Repair ID*
--	--	--
Encoding	*Slot*	
--	B	

Test result

Test steps successful	*Test steps unsuccessful*	*Remark*
5	1	--
Current encoding		
--		

Details of test result

Test step number	1	*Test time*	0 s
Test step name	Leak Test	*Test result*	? Not tested
Injector actuation time	-- µs	*Rotational speed*	-- 1/min
Injector actuation frequency	-- 1/min	*Tank temperature*	-- °C
Rail pressure	-- MPa		
Injector quantity	-- mm^3/H	*Return quantity*	-- mm^3/H
Quantity temperature	-- °C	*Return temperature*	-- °C
		Return pressure	-- kPa

Test step number	2		*Test time*	80	s
Test step name	Start Up		*Test result*	✔ Passed	
Injector actuation time	1250	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	1000	1/min	*Tank temperature*	40.3	°C
Rail pressure	135.0	MPa			
Injector quantity	76.4	mm³/H	*Return quantity*	25.5	mm³/H
Quantity temperature	56.1	°C	*Return temperature*	43.4	°C
			Return pressure	50	kPa

Test step number	3		*Test time*	40	s
Test step name	VL		*Test result*	✔ Passed	
Injector actuation time	850	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	1500	1/min	*Tank temperature*	40.2	°C
Rail pressure	135.1	MPa			
Injector quantity	59.7	mm³/H	*Return quantity*	21.0	mm³/H
Quantity temperature	58.6	°C	*Return temperature*	43.7	°C
			Return pressure	50	kPa

Test step number	4		*Test time*	15	s
Test step name	EM		*Test result*	✔ Passed	
Injector actuation time	600	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	2000	1/min	*Tank temperature*	40.3	°C
Rail pressure	80.0	MPa			
Injector quantity	26.5	mm³/H	*Return quantity*	12.4	mm³/H
Quantity temperature	57.7	°C	*Return temperature*	43.8	°C
			Return pressure	50	kPa

Test step number	5		*Test time*	30	s
Test step name	VE		*Test result*	✔ Passed	
Injector actuation time	160	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	2000	1/min	*Tank temperature*	40.3	°C
Rail pressure	80.1	MPa			
Injector quantity	1.5	mm³/H	*Return quantity*	6.0	mm³/H
Quantity temperature	54.2	°C	*Return temperature*	43.8	°C
			Return pressure	50	kPa

Test step number	6		*Test time*	15	s
Test step name	LL		*Test result*	✔ Passed	
Injector actuation time	600	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	1000	1/min	*Tank temperature*	40.4	°C
Rail pressure	25.1	MPa			
Injector quantity	4.6	mm³/H	*Return quantity*	6.6	mm³/H
Quantity temperature	51.1	°C	*Return temperature*	43.7	°C
			Return pressure	49	kPa

DCI injector test report

Test parameters

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Customer

Unavailable

Number
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Injector

Part number	*Type designation*	
0445110126	CRI 1-13	
Serial number	*Date of manufacture*	*Repair ID*
--	--	--
Encoding	*Slot*	
--	C	

Test result

Test steps successful	*Test steps unsuccessful*	*Remark*
5	1	--
Current encoding		
--		

Details of test result

Test step number	1	*Test time*	0 s
Test step name	Leak Test	*Test result*	? Not tested
Injector actuation time	-- µs	*Rotational speed*	-- 1/min
Injector actuation frequency	-- 1/min	*Tank temperature*	-- °C
Rail pressure	-- MPa		
Injector quantity	-- mm^3/H	*Return quantity*	-- mm^3/H
Quantity temperature	-- °C	*Return temperature*	-- °C
		Return pressure	-- kPa

Test step number	2		*Test time*	80	s
Test step name	Start Up		*Test result*	✔ Passed	
Injector actuation time	1250	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	1000	1/min	*Tank temperature*	40.3	°C
Rail pressure	135.0	MPa			
Injector quantity	78.2	mm³/H	*Return quantity*	32.6	mm³/H
Quantity temperature	56.0	°C	*Return temperature*	44.6	°C
			Return pressure	50	kPa

Test step number	3		*Test time*	40	s
Test step name	VL		*Test result*	✔ Passed	
Injector actuation time	850	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	1500	1/min	*Tank temperature*	40.2	°C
Rail pressure	135.1	MPa			
Injector quantity	62.4	mm³/H	*Return quantity*	26.5	mm³/H
Quantity temperature	58.4	°C	*Return temperature*	44.9	°C
			Return pressure	50	kPa

Test step number	4		*Test time*	15	s
Test step name	EM		*Test result*	✔ Passed	
Injector actuation time	600	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	2000	1/min	*Tank temperature*	40.3	°C
Rail pressure	80.0	MPa			
Injector quantity	26.3	mm³/H	*Return quantity*	12.8	mm³/H
Quantity temperature	57.1	°C	*Return temperature*	45.0	°C
			Return pressure	51	kPa

Test step number	5		*Test time*	30	s
Test step name	VE		*Test result*	✔ Passed	
Injector actuation time	160	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	2000	1/min	*Tank temperature*	40.3	°C
Rail pressure	80.1	MPa			
Injector quantity	1.5	mm³/H	*Return quantity*	8.1	mm³/H
Quantity temperature	53.9	°C	*Return temperature*	45.0	°C
			Return pressure	48	kPa

Test step number	6		*Test time*	15	s
Test step name	LL		*Test result*	✔ Passed	
Injector actuation time	600	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	1000	1/min	*Tank temperature*	40.4	°C
Rail pressure	25.1	MPa			
Injector quantity	3.6	mm³/H	*Return quantity*	7.6	mm³/H
Quantity temperature	50.9	°C	*Return temperature*	45.0	°C
			Return pressure	50	kPa

DCI injector test report

Test parameters

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Test bench serial number	*Firmware version*	*Test source databank version*	*Printing time*
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Date of result
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Customer

Unavailable

Number
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Injector

Part number	*Type designation*	
0445110126	CRI 1-13	
Serial number	*Date of manufacture*	*Repair ID*
--	--	--
Encoding	*Slot*	
--	D	

Test result

Test steps successful	*Test steps unsuccessful*	*Remark*
5	1	--
Current encoding		
--		

Details of test result

Test step number	1	*Test time*	0 s
Test step name	Leak Test	*Test result*	? Not tested
Injector actuation time	-- µs	*Rotational speed*	-- 1/min
Injector actuation frequency	-- 1/min	*Tank temperature*	-- °C
Rail pressure	-- MPa		
Injector quantity	-- mm^3/H	*Return quantity*	-- mm^3/H
Quantity temperature	-- °C	*Return temperature*	-- °C
		Return pressure	-- kPa

Test step number	2		*Test time*	80	s
Test step name	Start Up		*Test result*	✔ Passed	
Injector actuation time	1250	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	1000	1/min	*Tank temperature*	40.3	°C
Rail pressure	135.0	MPa			
Injector quantity	77.5	mm³/H	*Return quantity*	25.7	mm³/H
Quantity temperature	57.4	°C	*Return temperature*	44.5	°C
			Return pressure	50	kPa

Test step number	3		*Test time*	40	s
Test step name	VL		*Test result*	✔ Passed	
Injector actuation time	850	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	1500	1/min	*Tank temperature*	40.2	°C
Rail pressure	135.1	MPa			
Injector quantity	61.3	mm³/H	*Return quantity*	22.8	mm³/H
Quantity temperature	59.8	°C	*Return temperature*	44.8	°C
			Return pressure	49	kPa

Test step number	4		*Test time*	15	s
Test step name	EM		*Test result*	✔ Passed	
Injector actuation time	600	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	2000	1/min	*Tank temperature*	40.3	°C
Rail pressure	80.0	MPa			
Injector quantity	27.3	mm³/H	*Return quantity*	13.5	mm³/H
Quantity temperature	58.6	°C	*Return temperature*	44.9	°C
			Return pressure	48	kPa

Test step number	5		*Test time*	30	s
Test step name	VE		*Test result*	✔ Passed	
Injector actuation time	160	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	2000	1/min	*Tank temperature*	40.3	°C
Rail pressure	80.1	MPa			
Injector quantity	1.6	mm³/H	*Return quantity*	7.3	mm³/H
Quantity temperature	54.7	°C	*Return temperature*	44.9	°C
			Return pressure	50	kPa

Test step number	6		*Test time*	15	s
Test step name	LL		*Test result*	✔ Passed	
Injector actuation time	600	µs	*Rotational speed*	1650	1/min
Injector actuation frequency	1000	1/min	*Tank temperature*	40.4	°C
Rail pressure	25.1	MPa			
Injector quantity	4.5	mm³/H	*Return quantity*	7.7	mm³/H
Quantity temperature	51.4	°C	*Return temperature*	44.8	°C
			Return pressure	49	kPa