DUCATI TESTASTRETTA -

VALVE CLEARANCE MEASUREMENT AND ADJUSTMENT CALCULATIONS WORKSHEET DATE______ MILEAGE_____

created by EvanT DeWan at ducatitoolrental.com

STEP 1 - Fill in block **B** (Opening Clearance) & block **G** (Closing Clearance) for each valve Note: Use the Ducati specified clearance or the desired clearance. For example, if you disire all opening clearances to be 0.10mm exactly, use this value in column B to find the proper new shim size to get the clearance to exactly 0.10mm.

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HORIZONTAL CYLINDER	INTAKE		OPENING SHIM		**DUCATI SPECIFIED OPENING SHIM	ORIZ	ONTAL CYLINDER IF A GREATER THAN B		OPENING SHIM		NEW OPENING SHIM SIZE	** NOTE: IF THE GAP MEASURED FOR THE OPENING OR CLOSING SHIMS IS WITHIN THE RANGE SPECIFIED BY THE SERVICE MANUAL, THEN THE SHIM IS GOOD AND DOESN'T REQUIRE CHANGE OUT.	
			MEASURED CLEARANCE A		CLEARANCE B		SUBTRACT A-B to get C. C		MEASUREMENT D		(E) C + D = E: E		
		IEEE ORENER		(+) (-)		(-\		(+)		(-)			
		LEFT OPENER		(+)		(=)		(-) (+)		(=)			
		RIGHT OPENER		(-)		(=)		(-)		(=)			
			CLOSING SHIM MEASURED CLEARANCE		**DUCATI SPECIFIED CLOSING SHIM CLEARANCE		IF F IS GREATER THAN G SUBTRACT F-G to get H		CLOSING SHIM MEASUREMENT		NEW CLOSING SHIM SIZE (J) H+I=J		
			F	(+)	G		Н	(+)	l		J		
		LEFT CLOSER		(+) (-)		(=)		(+) (-)		(=)			
		RIGHT CLOSER		(+) (-)		(=)		(+) (-)		(=)			
	EXHAUST		OPENING SHIM MEASURED CLEARANCE		**DUCATI SPECIFIED OPENING SHIM CLEARANCE		IF A GREATER THAN B SUBTRACT A-B to get C.		OPENING SHIM MEASUREMENT		NEW OPENING SHIM SIZE (E) C + D = E:	** NOTE: IF THE GAP MEASURED FOR THE OPENING OR CLOSING SHIMS IS WITHIN THE RANGE SPECIFIED BY THE SERVICE MANUAL, THEN THE SHIM IS GOOD AND DOESN'T REQUIRE CHANGE OUT.	
			A	(+)	В		С	(+)	D		E		
		LEFT OPENER		(-)		(=)		(-)		(=)			
		RIGHT OPENER		(+) (-)		(=)		(+) (-)		(=)			
			CLOSING SHIM MEASURED CLEARANCE		**DUCATI SPECIFIED CLOSING SHIM CLEARANCE		IF F IS GREATER THAN G SUBTRACT F-G to get H		CLOSING SHIM MEASUREMENT		NEW CLOSING SHIM SIZE		
			F		G		Н		I		J		
		LEFT CLOSER		(+) (-)		(=)		(+) (-)		(=)			
		LETT CLOSER		ı		(-)				(-)			
		RIGHT CLOSER		(+) (-)		(=)		(+) (-)		(=)			
							VERTICAL CYLINDS	R					
VERTICAL CYLINDER	INTAKE		OPENING SHIM MEASURED CLEARANCE		**DUCATI SPECIFIED OPENING SHIM CLEARANCE B		IF A GREATER THAN B SUBTRACT A-B to get C.		OPENING SHIM MEASUREMENT D		NEW OPENING SHIM SIZE (E) C + D = E: D+C=E	NOTE: IF THE GAP MEASURED FOR THE OPENING OR CLOSING SHIMS IS WITHIN THE RANGE SPECIFIED BY THE SERVICE MANUAL, THEN THE SHIM IS GOOD AND OF SERVIT PERVIEWE CHANCE.	
				(+)			- C	(+)			D.C-1		
		LEFT OPENER		(+)		(=)		(-) (+)		(=)			
		RIGHT OPENER		(-)		(=)		(-)		(=)			
			CLOSING SHIM MEASURED CLEARANCE		**DUCATI SPECIFIED CLOSING SHIM CLEARANCE		IF F IS GREATER THAN G SUBTRACT F-G to get H		CLOSING SHIM MEASUREMENT		NEW CLOSING SHIM SIZE (J) H+I=J		
			F	(+)	G		Н	(+)	I		J		
		LEFT CLOSER		(-)		(=)		(-)		(=)			
		RIGHT CLOSER		(+) (-)		(=)		(+) (-)		(=)			
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	EXHAUST		OPENING SHIM MEASURED CLEARANCE		**DUCATI SPECIFIED OPENING SHIM CLEARANCE B		IF A IS GREATER THAN B SUBTRACT A-B to get C.		OPENING SHIM MEASUREMENT D		NEW OPENING SHIM SIZE (E) C + D = E: D+C=E		
			,	(+)				(+)	_		3.0 2		
		LEFT OPENER		(-) (+)		(=)		(-) (+)		(=)		** NOTE: IF THE GAP MEASURED FOR THE OPENING OR CLOSING	
		RIGHT OPENER	CLOSING SHIM	(-)	**DUCATI SPECIFIED CLOSING SHIM	(=)	IF F IS GREATER THAN G	(- <u>)</u>	CLOSING SHIM	(=)	NEW CLOSING SHIM SIZE	SHIMS IS WITHIN THE RANGE SPECIFIED BY THE SERVICE MANUAL, THEN THE SHIM IS GOOD AND DOESN'T REQUIRE CHANGE OUT.	
			MEASURED CLEARANCE F		CLEARANCE G		SUBTRACT F-G to get H		MEASUREMENT		(J) H+I=J	001.	
				(+)	g			(+)			,		
		LEFT CLOSER		(-) (+)		(=)		(-) (+)		(=)			
		RIGHT CLOSER		(-)		(=)		(-)		(=)			
		ADDITIONA				AL M	AL MAINTENANCE ITEMS						
MILEAGE		DATE	DESCRIPTION				NOTES						
						 							