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.

HORIZONTAL CYLINDER

HORIZONTAL CYLINDER — INTAKE

	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:	
	A		**B**		**C**		**D**		**E**	
LEFT OPENER		(+) (-)		(=)			(+) (-)		(=)		** 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.
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**		**H**		**I**		**J**	
LEFT CLOSER		(+) (-)		(=)			(+) (-)		(=)	
RIGHT CLOSER		(+) (-)		(=)			(+) (-)		(=)	

HORIZONTAL CYLINDER — 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:	
	A		**B**		**C**		**D**		**E**	
LEFT OPENER		(+) (-)		(=)			(+) (-)		(=)		** 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.
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**		**H**		**I**		**J**	
LEFT CLOSER		(+) (-)		(=)			(+) (-)		(=)	
RIGHT CLOSER		(+) (-)		(=)			(+) (-)		(=)	

VERTICAL CYLINDER

VERTICAL CYLINDER — INTAKE

	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:	
	A		**B**		**C**		**D**		D+C=E	
LEFT OPENER		(+) (-)		(=)			(+) (-)		(=)		** 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.
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**		**H**		**I**		**J**	
LEFT CLOSER		(+) (-)		(=)			(+) (-)		(=)	
RIGHT CLOSER		(+) (-)		(=)			(+) (-)		(=)	

VERTICAL CYLINDER — EXHAUST

	OPENING SHIM MEASURED CLEARANCE		**DUCATI SPECIFIED OPENING SHIM CLEARANCE		IF A IS GREATER THAN B SUBTRACT A-B to get C.		OPENING SHIM MEASUREMENT		NEW OPENING SHIM SIZE (E) C + D = E:	
	A		**B**		**C**		**D**		D+C=E	
LEFT OPENER		(+) (-)		(=)			(+) (-)		(=)		** 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.
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**		**H**		**I**		**J**	
LEFT CLOSER		(+) (-)		(=)			(+) (-)		(=)	
RIGHT CLOSER		(+) (-)		(=)			(+) (-)		(=)	

ADDITIONAL MAINTENANCE ITEMS

MILEAGE	DATE	DESCRIPTION	NOTES