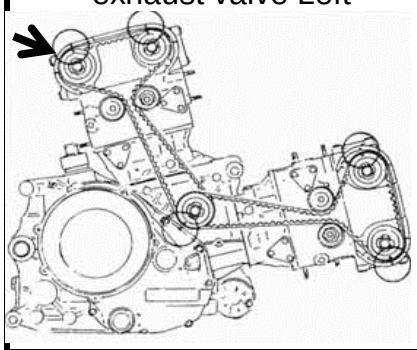
Desmoquatro Valve Adjustment Shim Calculations

Bike: ST4s Mileage: 15,320
Owner: Vinnie Date: 2/9/2012

Conversion charts	Value	Converted	
Metric to **English**	**0.13**	**0.0051**	inch
English to **Metric**	**0.004**	**0.10**	mm

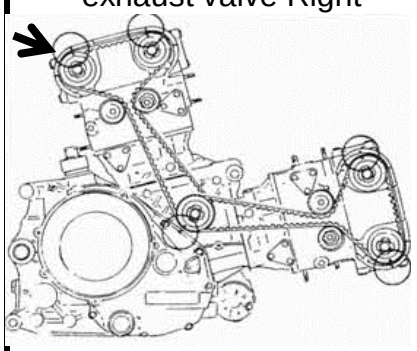
Ducati rec	Required for calculations Input recommended shim clearance (LT)	Intake Opener shim	Intake Closer shim
opn.05mm-.18mm clsr.15mm-.25mm		0.004	0.004
opn.05mm-.23mm clsr.10mm-.20mm		Exhaust Opener shim	Exhaust Closer shim
		0.006	0.004

Vertical cylinder exhaust valve Left



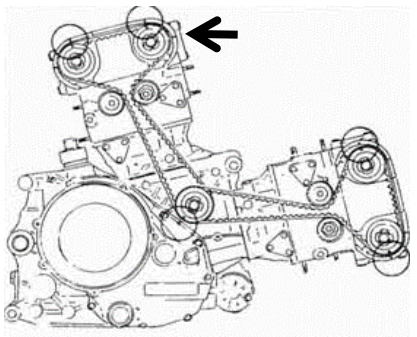
Input values in blank cells			Calculated information		
				Opener shim	Closer shim
STEP 1 Measured gap values	Unloaded Gap	Loaded Gap	Result of step 1 Actual GAP values	0.005	0.001
	0.005	0.006			
STEP 2 Current shim size	Opener shim	Closer shim	**Recommended shim**		
STEP 3 Actual shim used	Opener shim	Closer shim	Estimated clearance with new shim installed		
STEP 4 Measured gap values	Unloaded Gap	Loaded Gap	Result of step 4 New actual gap		

Vertical cylinder exhaust valve Right



Input values in blank cells			Calculated information		
				Opener shim	Closer shim
STEP 1 Measured gap values	Unloaded Gap	Loaded Gap	Result of step 1 Actual GAP values	0.006	0.002
	0.006	0.008			
STEP 2 Current shim size	Opener shim	Closer shim	**Recommended shim**		
STEP 3 Actual shim used	Opener shim	Closer shim	Estimated clearance with new shim installed		
STEP 4 Measured gap values	Unloaded Gap	Loaded Gap	Result of step 4 New actual gap		

Vertical cylinder intake valve Left



Input values in blank cells			Calculated information		
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STEP 1 Measured gap values	Unloaded Gap	Loaded Gap	Result of step 1 Actual GAP values	0.004	0.001
	0.004	0.005			
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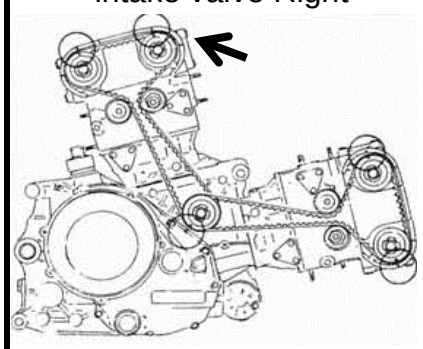
STEP 4 Measured gap values	Unloaded Gap	Loaded Gap	Result of step 4 New actual gap		

Vertical cylinder intake valve Right



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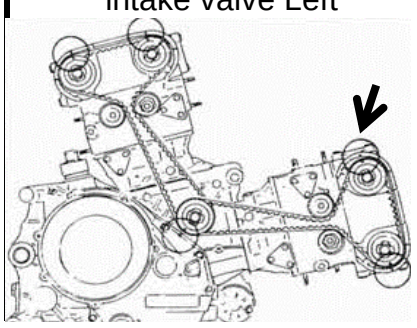
STEP 4 Measured gap values	Unloaded Gap	Loaded Gap	Result of step 4 New actual gap		

Horizontal cylinder intake valve Left



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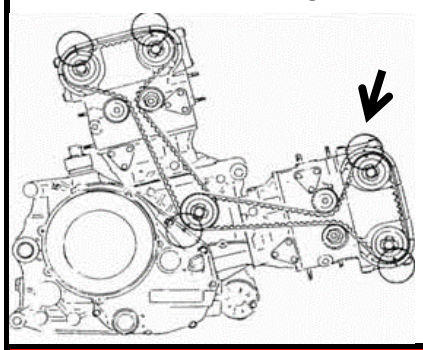
STEP 4	Unloaded Gap	Loaded Gap	Result of step 4		

	Measured gap values			New actual gap		
Horizontal cylinder intake valve Right 	Input values in blank cells			Calculated information		
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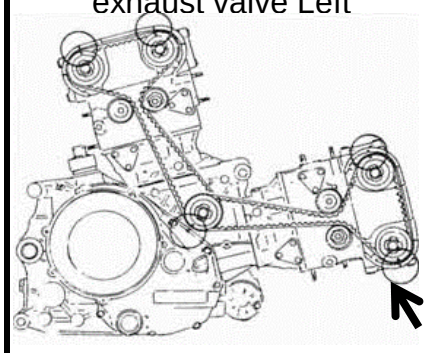
Horizontal cylinder exhaust valve Left 	Input values in blank cells			Calculated information		
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		0.004	0.005			
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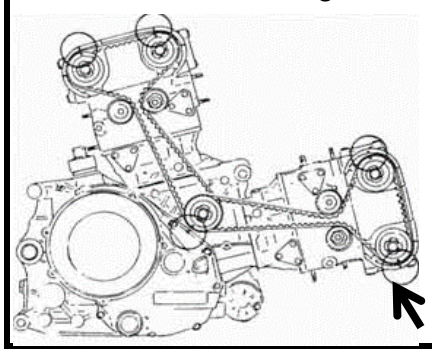
Horizontal cylinder exhaust valve Right 	Input values in blank cells			Calculated information		
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