Cylinder Head Tightening Instructions

HG1044





Headbolt Tightening Sequence			
15	11	10	14
16	12	9	13
8	4	1	5
7	3	2	6

	Fitment F	itment Procedure								
		Stage 7	Stage 2	Stage 3	S _{ROG}	Stage 5	Stage 6	Stage 1	Stage 8	Refighten?
Во	Kilos	2.5 Kpm	-90°+2.5 Kpm	+90°	+90°					
Bolt Type 1	Pounds	18 lbft	-90°+18 lbft	+90°	+90°					
e 1	Newton M's	24.5 Nm	-90°+24.5Nm	+90°	+90°					
Bol	Kilos									
Bolt Type	Pounds									
e 2	Newton M's									
Bolt	Kilos									
Bolt Type 3	Pounds									
3	Newton M's									
Bolt	Kilos									
Bolt Type 4	Pounds									
e 4	Newton M's									

Fitment Key	Description of Required Procedure						
-/+ Xº	Loosen or tighten the head bolt by the 'X'-value specified in the stage. Follow indicated tightening order.						
	Run the engine until it reaches working temperature.						
	Let the engine cool with the bonnet open for a minimum of four hours.						
<>	Remove the expansion tank cap.						
	Should retightening be required, loosen by 90° and then retighten observing the tightening procedure above.						
Retighten?	If required, should be performed between 620-930 Miles (1000-1500 Km).						