Job – Engine Cooling & Ignition System

- 1. Remove your engine's shroud.
- 2. Make a NEAT drawing (use pencil), of the engine (side view) to show the items noted below. Also, show using arrows the direction that air takes as it moves through the engine.

Label the following parts of the engine on your drawing:

Flywheel Flywheel Fins	Starting MechanismCylinder/Block Fins	□ Shroud□ Air Flow (show)
	——— Cooling System —	

Note – marks will be deducted for sloppy work

3. Make a NEAT drawing that shows how to adjust the armature air gap. Label all components. Adjusting Armature Air Gap

4. Describe, in sequence, the steps to follow in order to adjust the armature air gap.

Fourth - _____

First - ____

Second -

Third -

/4

	Air gap is set too big	
-		
-		
-		1
	Air gap is set too small (but it is still there)	
•	Air gap is set 100 shiair (but it is still there)	
-		
-		
•		/1
٧	Vhat is the manufacturer's specified air gap?	
	. 3	/1
A	djust your engine's air gap so that it meets the manufacturer's spec.	
R	eplace your engine's shroud to complete this job.	
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