

Names: \_\_\_\_\_

Engine #: \_\_\_\_\_

Period: \_\_\_\_\_

M.T.H.S. - Auto Tech

1st Member: \_\_\_\_\_ %

Date: \_\_\_\_\_

Mr. S. Carlson

2nd Member: \_\_\_\_\_ %

## Briggs & Stratton Engines Unit - Part C: Assembly & Completion

*Auto Tech Unit Activities Check Sheet - Version 1.2 (One unit sheet per team)*

No.	Activity Description	Date	1st Member Percent	2nd Member Percent	Initials
1.	Turn in B & S Unit B: Disassembly (5%) Obtain Assembly Unit Check Sheet & See Pre-Assembly Checklist and then prepare for assembly.		5?	5?	I
2.	Cam Timing Marks Correct <b>AND</b> Connecting Rod Bolts Correct Torque: (10%) Use assembly checklist.: (10%) Only after instructor checks inside your cam timing marks.		10?	10?	I
3.	Open Crankcase All Correct: (5%) Only after instructor checks inside your engine. <b>WARNING: (20%) DO NOT REPLACE SIDE COVER ON CRANKCASE UNTIL THIS STEP IS COMPLETE AND YOU HAVE INSTRUCTORS SIGNATURE HERE.</b> → → → → → → →		10?	10?	I
4.	Open Valve Train All Correct <b>AND</b> Cylinder Head on Correctly: (10%) Use assembly checklist.		10?	10?	I
5.	Fuel & Ignition Systems All Correct <b>AND</b> Pull Starter & Cooling Shroud All Correct: (10%) Use assembly checklist.		10?	10?	I
6.	Oil Level Correct <b>AND</b> Final Engine Review with Final Compression Test: (10%) Use assembly checklist. Comp Test : _____ p.s.i.		10?	10?	I
7.	All Correct / Final Exam Engine Storage Preparation and Turn In & Tool Set In <b>AND</b> Final Reflections Signature: (10%) Use assembly checklist. Tool Set # _____		10?	10?	I
8.	<b><i>Only 2 (your choice) of the following 4 are required and the other 2 are extra credit. That's 120% possible.</i></b> Read Ch. 11 - <i>Types of Auto Engines &amp; Do Q's &amp; A's:</i> (10%) Carefully and completely read Chapter 11 (pp. 82-91) in your WAM* book studying all the pictures and diagrams. Do Chapter 11 Review Q's and A's (p. 91, #'s 1-15) using correct form <b>if haven't done chapter previously. One set per student, both turned in.</b> Include names on each. See sample on reverse side.		10?	10?	
9.	Read Ch. 12 - <i>Piston Eng. Comp's (Block+)</i> & Do Q's & A's: (10%) Read Chapter 12 (pp. 92-106) and do Ch. 12 Q's and A's (p. 106, #'s 1-12) using correct form. <b>One per student.</b>		10?	10?	
10.	Read Ch. 13 - <i>Piston Eng. Comp's (Pistons+)</i> & Do Q's & A's: (10%) Read Chapter 13 (pp. 107-117) and do Ch. 13 Q's and A's (pp.116-117, #'s1-15) & correct form. <b>One per student.</b>		10?	10?	
11.	Read Ch. 14 - <i>Piston Eng. Comp's (Valves+)</i> & Do Q's & A's: (10%) Read Chapter 14 (pp. 118-154) and do Ch. 14 Q's and A's (p. 154, #'s 1-20) using correct form. <b>One per student.</b>		10?	10?	
12.	Assembly Checklist Included (10%) Include <b>completed</b> B & S - Part 3: Assembly Checklist here.		5?	5?	I
13.	Brightly Colored Engine Condition Record Card Included (10%) Include <b>completed</b> B & S - Engine Card at end.		5?	5?	I
14.	Assembling Your Work For Submission: (5%?) <u>Neatly Assemble</u> The Papers Above In Correct Order And Staple To This Sheet. <u>5% For Collating And Stapling That Is Neatly Done.</u> <b>Place your individual self assessment %'s in boxes and the unit total at the top above. NO FUZZY EDGED PAPER.</b>		5?	5?	

\* I = Instructor's Signature

## *How To Do Q, A, Space Form*

### Instructions:

1. Use 8-1/2" x 11" notebook paper.
2. Write in Your Name and Period # at the top as shown below.
3. Leave a blank space between the Title and Question 1.
4. Write the question number just to the left of the red line.
5. Write in a capitol "Q:" just to right of red line and write out question.
6. Write a capitol "A:" in the **next open line** as shown below and write out your answer.
7. Leave a blank space at shown below.
8. Start next question as in # 4 above and continue until assignment completed.

	Your Name	Period #
	Chapter #: Chapter Title, Page #'s	
	(Leave this space blank.)	
1.	Q: Write out the question exactly from book or a simplified version here. It may go more than one line.	
	A: Research and write out your answer to the question here. It may go more than one line also.	
	(Leave this space blank.)	
2.	Q: Write out the question exactly from book or a simplified version here. It may go more than one line.	
	A: Research and write out your answer to the question here. It may go more than one line also.	
	(Leave this space blank.)	
3.	Q: Write out the question exactly from book or a simplified version here. It may go more than one line.	
	A: Research and write out your answer to the question here. It may go more than one line also.	
	(Leave this space blank.)	
4.	Q: Write out the question exactly from book or a simplified version here. It may go more than one line.	
	A: Research and write out your answer to the question here. It may go more than one line also.	
	(Leave this space blank.)	