

2019 NATIONAL FFA AGRICULTURAL TECHNOLOGY & MECHANICAL SYSTEMS CDE TEAM ACTIVITY

TEAM RESPONSE SHEET

INSTRUCTIONS: Complete this form and attach it (staple it) to the back of your Team Report

STATE _____

PARTS IDENTIFICATION

ID #	Description	Ref #	Part #
1			
2			
3			
4			
5			
6			

TASKS QUESTIONS

1. What is the model number of your engine? _____
2. What is the condition of your air cleaner? _____
3. What is the manufacturer's recommended spark gap? _____
4. What is the manufacturers' recommended INTAKE VALVE clearance range? _____

5. What is the manufacturers' recommended EXHAUST VALVE clearance range? _____
6. Where should the piston be in the cylinder when making the valve clearance adjustment? _____
7. What stage or cycle should the engine be in when making the valve clearance adjustment? _____
8. What type of fuel is used in this engine? _____
9. What is the shaft orientation of this engine? _____
10. What non-synthetic oil is recommended for operating in temperatures of 20° F and below? _____

Indicate when the following Maintenance Tasks are to occur: (Place a check in the correct box)

TASKS	5H	8H	25H	50H	100H	SE
Change Oil						
Clean around Muffler						
Service Air Pre-Cleaner						
Clean/remove Spark Plug						
Perform valve adjustment						

Note: 5H = First 5 hours; 8H = Every 8 hours or daily; 25H = Every 25 hours; 50H = every 50 hours; 100H = Every 100 hours; SE = Seasonally