



## **Motorcycle Service Technology**

### **2023 SkillsUSA Michigan State Championships Contest Description Task and Material List**

#### **CONTEST LOCATION:**

M-TEC Tassell Center  
622 Godfrey Ave SW  
Grand Rapids, MI, US  
(616) 234-3800  
<http://cms.grcc.edu/node/2006>

#### **RESUME:**

Each student must submit a one-page printed resume before the contest start at the contest site (present to contest coordinator, not judges). The resume is no longer submitted online. This is the only time that resumes can be turned in. Failure to do so will result in a 10 point penalty.

#### **TASKS TO BE PERFORMED:**

- Written test on parts identification using parts manual or Internet.
- Carburetor parts identification and theory of operation including E.F.I.
- Proper tool usage.
- Transmission operation and troubleshooting.
- Identification of components on a motorcycle.
- Diagnose problems with electrical systems.
- Measure various engine components and diagnose conditions. i.e.: cylinder block, pistons, clutch, etc.
- A select number of competition stations will be chosen from the following list of contest objectives.
- Interview participation.

STUDENTS MUST SUPPLY:

- 1 page resume. Failure to provide a resume will result in a 10 Point penalty.
- Sack Lunch
- Safety glasses with side shields or goggles
- Plain clothing - i.e. No school logos, etc....
- *Leather work shoes*

***Note: Noncompliance with clothing or safety gear requirements will result in points being deducted from the contestants score. THIS WILL BE STRICTLY ENFORCED!***

Note: Engines could be Kawasaki, Yamaha, Honda, Suzuki, or Harley - Davidson.

Revised 2/28/23

# SCORECARD Motorcycle Service Technology

Contestant Number

Items Evaluated	Possible Points					
<b>Station 1 Honda Engine Parts I.D.</b>	160					
<b>Station 2 Yamaha Electrical Diagnostics</b>	230					
<b>Station 3 H-D Service Manual Test</b>	160					
<b>Station 4 Precision Measurement</b>	230					
<b>Station 5 H-D Brake Systems</b>	220					
<b>Résumé Penalty</b>	0 or -10 only					
<b>Clothing Penalty</b>	0 to -50					
<b>Total Possible Points</b>	<b>1000</b>					

Date:

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Judges' Signatures:

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