

MECHANIC STUDY GUIDE

Recreational Trailer

Michigan Motor Vehicle Mechanic

Listed below are a number of items and subjects which make up the mechanic certification tests identified above. An individual's ability to pass the certification test will depend upon the amount of knowledge the person has concerning these items.

Electrical Diagnosis - 36%

Trailer tail lamps
Ground wire problems
Turn signal circuits
Determine voltage drop
Trailer stop lamps
Brake controllers
4-Wire connectors
Current supply for trailer brakes
Electrical symbols
Flasher diagnosis
Color codes
Causes of blown fuses
Current flow/resistance

Brake Diagnosis - 26%

Loss of brakes
Grabby brakes
Dragging brakes
Erratic braking, surging
Pull to one side during braking
Adjusting trailer brakes
Brake shoe recognition

Springs/Hitches - 16%

Leaf springs
Equalizing hitches
Adjustment of hitches
Types of trailer springs
Spring maintenance

General Knowledge - 12%

Surge brakes
Reducing sway
Wheel bearing adjustment
Hydraulic brake lines
Metric measurements
Tire wear diagnosis

Wheels/Hubs - 10%

Wheel bearing diagnosis
Wheel bolt torquing pattern

SAMPLE QUESTION:

Current flow resistance is decreased when:

- A. Wire length is increased.
- B. Wire diameter is decreased.
- C. Corroded terminals are replaced.
- D. All of the above.

ANSWER: C