

Snowmobile Probe Test for Contact with Power Driven Parts

RATIONALE

This document was converted from SAE Recommended Practices to SAE Standard. Minor wording adjustments for inclusiveness of electric snowmobile.

1. SCOPE

This SAE Standard establishes the test equipment, procedure, and acceptance criteria necessary to determine the location of power driven components that could—upon inadvertent contact by an operator, passenger, or bystander—inflict injury.

2. REFERENCES

There are no referenced publications specified herein.

3. DEFINITIONS

3.1 FINGER PROBE

Device used to simulate the human finger. The finger probe is to be constructed as shown in Figure 1.

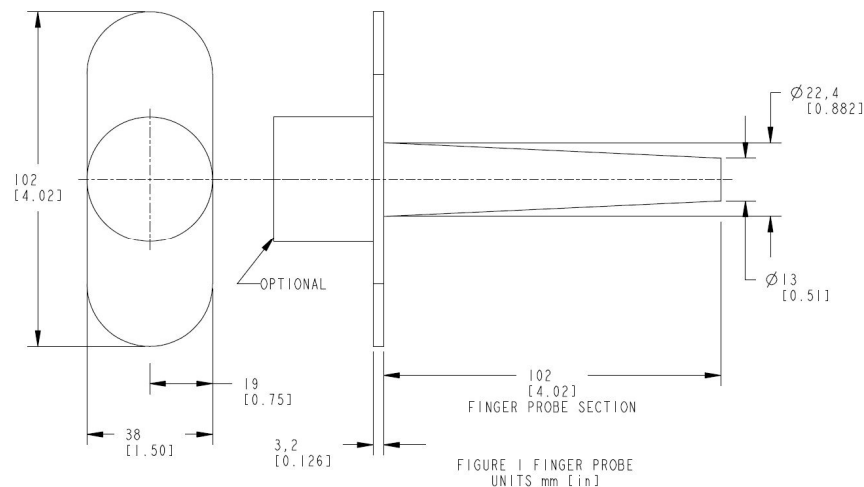


Figure 1

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4. PROCEDURE

- 4.1 Tests shall be conducted with all vehicle components in place and properly fastened.
- 4.2 Tests shall be conducted with the engine/motor not running/energized. Use caution.
- 4.3 The finger probe shall be used to detect areas where it is possible to contact power driven parts. The finger probe shall not be inserted beyond the length of the probe—102 mm (4 inches).
- 4.4 The area occupied by the operator and/or passenger while in the riding position shall be probed for power driven parts. The finger probe shall be inserted into any opening above the top surface of the tunnel and forward.
- 4.5 Any area accessible to a bystander while the vehicle is parked shall be probed for parts that could be moving in any operating mode (e.g., idle).

5. ACCEPTANCE

- 5.1 The finger probe shall not contact any power driven components of the vehicle which are:
 - 5.1.1 Accessible to the operator and/or passenger during operation per 4.4.
 - 5.1.2 Accessible to the operator, passenger, and/or bystander when the vehicle is parked per 4.5.

6. NOTES

6.1 Revision Indicator

A change bar (I) located in the left margin is for the convenience of the user in locating areas where technical revisions, not editorial changes, have been made to the previous issue of this document. An (R) symbol to the left of the document title indicates a complete revision of the document, including technical revisions. Change bars and (R) are not used in original publications, nor in documents that contain editorial changes only.

PREPARED BY SAE SNOWMOBILE TECHNICAL COMMITTEE