

	<b>SURFACE VEHICLE RECOMMENDED PRACTICE</b>	<b>SAE</b>	<b>J1279 AUG2010</b>
		Issued 1988-12 Revised 2010-08	
		Superseding J1279 JAN2008	
Snowmobile Drive Mechanisms			

## RATIONALE

Revisions and updates intended to unify the standard with current and prior industry practice.

### 1. SCOPE

This SAE Recommended Practice is applicable to snowmobiles as defined in SAE J33.

#### 1.1 Purpose

To provide minimum requirements and tests for evaluating the structural integrity of snowmobile drive mechanisms (that is, drive pulleys, driven pulleys, torque converters, centrifugal clutches, or similar mechanisms).

### 2. REFERENCES

#### 2.1 Applicable Document

The following publication forms a part of this specification to the extent specified herein. Unless otherwise indicated, the latest issue of SAE publications shall apply.

##### 2.1.1 SAE Publication

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), [www.sae.org](http://www.sae.org).

SAE J33 Snowmobile Definitions and Nomenclature - General

### 3. EQUIPMENT

Provide means capable of spinning the test samples to the velocities set out in 5.2, a tachometer accurate to  $\pm 1\%$  and any guards or shields necessary to protect operators and observers. Figure 1 is an example of such equipment. The test equipment shall not alter the structural integrity of the sample.

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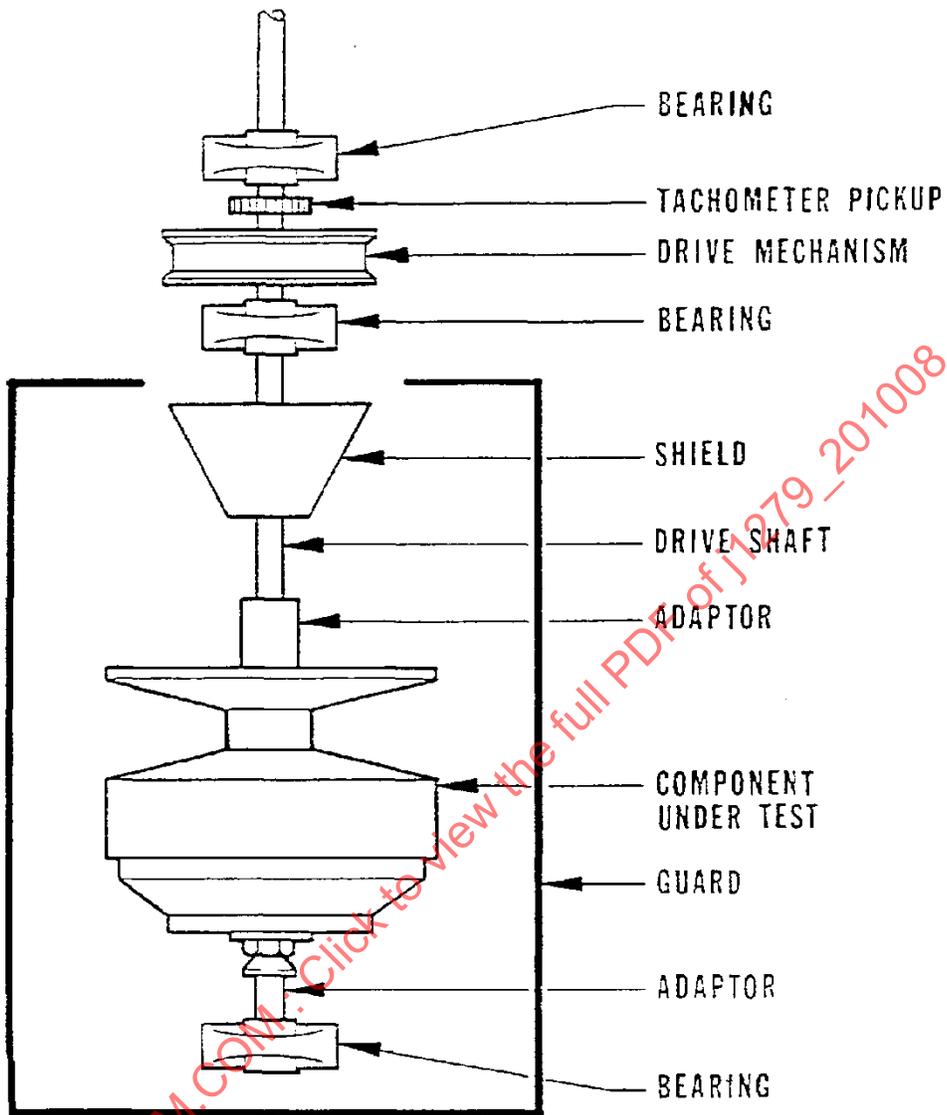


FIGURE 1 - EXAMPLE OF SPIN TEST MECHANISM