



SURFACE VEHICLE STANDARD

J1248™

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Superseding J1248 JUN2010

Performance Requirements for Parking Stability of Motorcycles

RATIONALE

This document is being revised to clarify the Test Procedure (SAE J1101) to which the Performance Requirements for Parking Stability of Motorcycles apply.

1. SCOPE

This SAE Standard presents performance requirements for the parking stability of two-wheeled motorcyclers intended for highway use.

2. REFERENCES

2.1 Applicable Documents

The following publications form 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 Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or +1 724-776-4970 (outside USA), www.sae.org.

SAE J1101 Test Procedure for Parking Stability of Motorcycles

3. PERFORMANCE REQUIREMENTS

When tested according to the curb weight condition of SAE J1101, the motorcycle shall meet the following requirements:

3.1 Maximum Pressure on the Parking Surface

3.1.1 Side Stand

700 kPa (100 lbf/in²).

3.1.2 Center Stand

700 kPa (100 lbf/in²).

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3.2 Minimum Required Tip Over Angle

See Figure 1.

3.3 Minimum Required Roll Off Angle

See Figure 2.

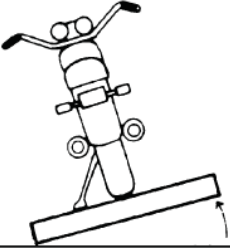
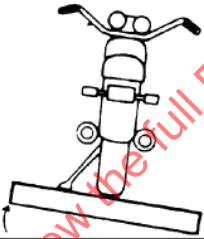
Device	Direction of Tilt	Diagram of Procedure	Minimum Required Performance (Deg)
Side Stand	Toward Side Stand		16
Side Stand	Away from Side Stand		8
Center Stand	Left		8
Center Stand	Right		8

Figure 1 - Tip over configuration