

SURFACE VEHICLE RECOMMENDED PRACTICE

An American National Standard

SAE J1248

REAF.
APR1998

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Superseding J1248 JUN91

Performance Requirements for Parking Stability of Motorcycles

1. **Scope**—This SAE Recommended Practice presents performance requirements for the parking stability of two-wheeled motorcycles intended for highway use.
2. **References**
 - 2.1 **Applicable Publication**—The following publications form a part of this specification to the extent specified herein. The latest issue of SAE publications shall apply.
 - 2.1.1 SAE PUBLICATION—Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.
SAE J1101—Test Procedures for Parking Stability of Motorcycles
3. **Performance Requirements**—When tested according to 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).
 - 3.2 **Minimum Required Tip Over Angle**—See Figure 1.
 - 3.3 **Minimum Required Roll Off Angle**—See Figure 2.

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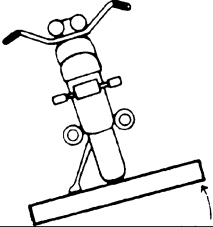
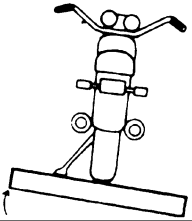
Device	Direction of Tilt	Diagram of Procedure	Minimum Required Performance (Deg)
Side Stand	Toward Side Stand		16
Side Stand	Away from Side Stand		8
Center Stand	Left		8
Center Stand	Right		8

FIGURE 1—TIP OVER CONFIGURATION

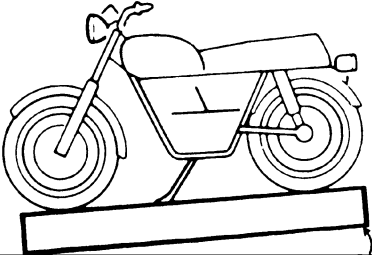
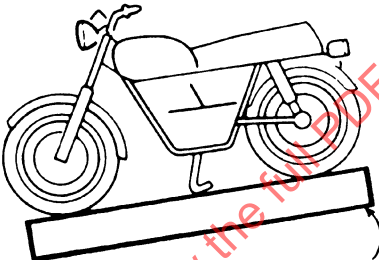
Device	Direction of Tilt	Diagram of Procedure	Minimum Required Performance (Deg)
Side Stand	Forward		4
Center Stand	Forward		8

FIGURE 2—ROLL OFF CONFIGURATION

PREPARED BY THE SAE MOTORCYCLE COMMITTEE