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Superseding J276 DEC2002

Steering Frame Lock for Articulated Loaders and Tractors

Foreword—SAE J1057 has been replaced with SAE J/ISO 6165.

1. Scope—This SAE Standard is applicable to articulated frame loaders and tractors as defined by SAE J/ISO 6165, and rollers and compactors as defined by SAE J1017, when equipped with steering, frame locking device. The scope is limited to machines where hazards exist due to maintenance operations.

1.1 Purpose—This document provides the performance requirements for a steering, frame locking device which when used will prevent unintended articulation of the machine either during shipment or maintenance operations. In addition, it provides mounting position, storage on the machine and identification requirements.

1.2 Rationale—SAE J276 is being superseded by ISO 10570.

2. References

2.1 Applicable Publications—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 PUBLICATIONS—Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

SAE J1017—Nomenclature, Rollers and Compactors

SAE J/ISO 6165—Earthmoving Machinery—Basic Types—Vocabulary

3. Definitions

3.1 Steering, Frame Locking Device—One or more links, bars, or equivalent including attaching parts and attaching points to the machine frames.

4. Requirements

4.1 Mounting Positions—The device shall be arranged so that it can secure the machine in a straight-ahead position. If it is necessary to articulate the machine to perform maintenance functions, the device shall also provide locking capability in the required articulated position. The device shall be mounted on the side normally used for access to the operator's seat. Appropriate installation or use instructions should accompany the unit.

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