

# **SURFACE VEHICLE RECOMMENDED PRACTICE**

Submitted for recognition as an American National Standard

**SAE** J1512

**REAF.  
APR90**

Issued 1985-06  
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Reaffirming J1512 JUN85

## **MANUAL SLACK ADJUSTER PERFORMANCE REQUIREMENTS**

### **FOREWORD**

This reaffirmed document has been changed to reflect the new SAE Technical Board format.

The performance requirements in this SAE Recommended Practice were derived from established performance requirements utilized by slack adjuster manufacturers and users.

#### **1. SCOPE:**

These performance requirements have been established for manual slack adjusters when tested to SAE J1461.

##### **1.1 Objective:**

To establish acceptable levels of performance for manual slack adjusters.

#### **2. REFERENCES:**

SAE J1461, Manual Slack Adjuster Test Procedure

#### **3. REQUIREMENTS:**

Slack adjusters must meet all of the following requirements to be in compliance with this document. The paragraph number of the requirements will be followed by a number in parentheses. This number is a reference to the appropriate part of the test procedure in SAE J1461.

3.1 (3.1) Maximum torque not to exceed 75 in-lb (8.47 Nm).

3.2 (3.2) Backlash not to exceed 0.25 in (6.35 mm).

3.3 (4.1) Maximum torque not to exceed 75 in-lb (8.47 Nm).

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- 3.4 (5.1.4) If the shutoff device has been triggered, the adjuster does not comply with the performance requirements.
- 3.5 (5.2.3) During any checking phase, the adjusting torque must not exceed 250 in-lb (28.23 Nm) and there must be no visible structural fractures.
- 3.6 (5.3.2) There shall be no visible structural fractures.

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RATIONALE:

Not applicable.

RELATIONSHIP OF SAE STANDARD TO ISO STANDARD:

Not applicable.

APPLICATION:

These performance requirements have been established for manual slack adjusters when tested to SAE J1461.

REFERENCE SECTION:

SAE J1461, Manual Slack Adjuster Test Procedure

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