



Test Monitoring Center

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L-37 Information Letter 07-2  
Sequence Number 37  
November 14, 2007

***ASTM consensus has not been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.***

TO: L-37 Mailing List  
SUBJECT: Revised Backlash Measurement Procedure

Through an email ballot that closed on October 15, 2007, the L-37 Surveillance panel approved a motion revising how backlash is measured and reported. The change in backlash specifications aligns the test standard with the standard “in-line DANA Manufacturing assembly practice” that DANA uses for all industry axle builds. Section 8.2.3 of Test Method D 6121 has been revised and a new Section 8.2.3.1 has been added.

These changes are effective with the next reference oil test on or after December 13, 2007.

Don Bartlett  
Chairman  
L-37 Surveillance Panel

John L. Zalar  
Administrator  
ASTM Test Monitoring Center

Attachment

c: [ftp://ftp.astmtmc.cmu.edu/docs/gear/l-37/procedure\\_and\\_ils/il07-2.pdf](ftp://ftp.astmtmc.cmu.edu/docs/gear/l-37/procedure_and_ils/il07-2.pdf)

Distribution: Electronic Mail

(Revises Test Method D 6121-06a as amended by Information Letter 07-1)

8.2.3 *Backlash Measurements* - Record the backlash on the test axle reported from the manufacturer. To be acceptable, the backlash reported by the manufacturer shall be between 0.004 and 0.012 in. (0.102 to 0.305 mm).

8.2.3.1 If the test axle does not have a reported backlash from the manufacturer, the average backlash as measured in 8.2.3.2, shall be between 0.004 and 0.009 in. (0.102 to 0.229 mm).

8.2.3.2 Remove the cover plate. Measure and record backlash at four equally spaced locations. Report the average and the four readings.