

ADHESION RESISTANCE OF MIRROR BRACKETS

Application

This test method determines the amount of peel force required to separate a rear view inside mirror from the windshield.

Apparatus and Materials Required

Torque Wrench* - modified to test peel strength of rear view inside mirror brackets.

Test Fixture*

*Drawings describing how to modify the torque wrench and fabricate the test fixture may be obtained from the following addresses:

Materials, Fasteners, and
Corrosion Protection Engineering
Ford Motor Company
P.O. Box 2053
Building #5, M.D. 50006
2000 Rotunda Dr.
Dearborn, MI 48121

or Materials Engineering
Testing & Standards
Ford Motor Company
20000 Rotunda Dr
P.O. Box 2053
Building #3, Mail Drop 3033
Dearborn, MI 48121-2053

Conditioning and Test Conditions

All test values indicated herein are based on material conditioned in a controlled atmosphere of 23 +/- 2 °C and 50 +/- 5 % relative humidity for not less than 24 h prior to testing and tested under the same conditions unless otherwise specified.

Procedure

1. Modify a torque wrench and fabricate the test fixture as required.
2. Attach the modified torque wrench to the mirror bracket as shown in Figures 1 and 2.
3. Apply a force as specified by the relevant engineering material specification to the torque wrench in the direction shown in Figures 1 and 2.
4. Report any separation or loss of adhesion of the mirror bracket to the windshield.

Chemicals, materials, parts, and equipment referenced in this document must be used and handled properly. Each party is responsible for determining proper use and handling in its facilities.

Date	Action	Revisions
2001 03 28	Revised	Editorial – no technical change A. Cockman
1999 01 26		

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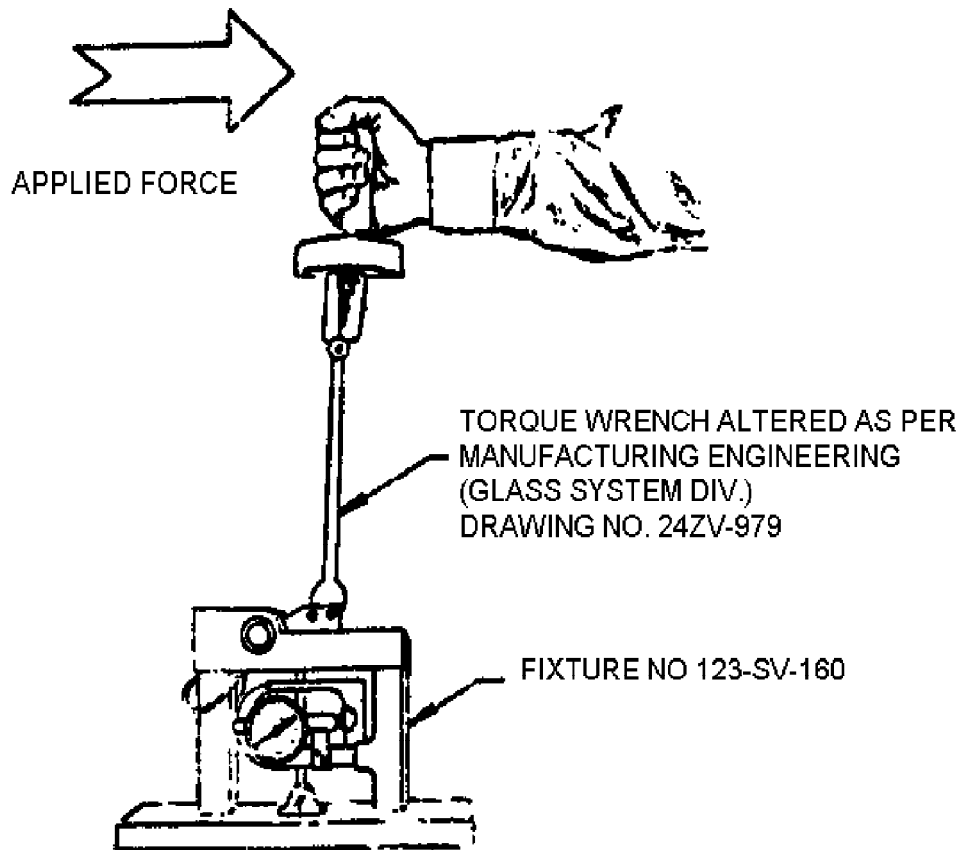


Figure 1