RI 130/ 150 Test Fixture
Per EMC-CS-2009

REVISED: 11/11/2009

Contact Ford Motor Company for specific questions concerning this test fixture.
Fixture End Illustrated
without Wire

Type N Connector

Contact Ford Motor Company for specific questions concerning this test fixture.
Fixture Cross Over Illustrated without Wire

Contact Ford Motor Company for specific questions concerning this test fixture.
Delrin Fixture Dimensions

Contact Ford Motor Company for specific questions concerning this test fixture.

All dimensions are in units of millimeters unless otherwise stated.
Dimensional tolerances +/- 5%

$\frac{1}{4}" \times 1 \frac{3}{4}"
Nylon Screw

$25.4 \text{ (nom)}^*$

$50 \pm 0.5$

$77 \pm 0.5$

$d = 6 \pm 0.3$

$\frac{1}{4}" \times 1 \frac{3}{4}"
Nylon Screw

Delrin 150 (white)

Sized to press fit 14 AWG Wire (~ 1.6 mm)

- Nominal (nom) value shown to facilitate use standard commercial Delrin sheet thickness without machining.
Metal Piano Hinge

Screws may be metal, but shall be less than $\frac{1}{4}$“ in length.

- Nominal (nom) value shown to facilitate use standard commercial Delrin sheet thickness without machining.

All dimensions are in units of millimeters unless otherwise stated.
Dimensional tolerances $\pm 5\%$

Contact Ford Motor Company for specific questions concerning this test fixture.
Aluminum Base Dimensions

Contact Ford Motor Company for specific questions concerning this test fixture.

All dimensions are in units of millimeters unless otherwise stated
Dimensional tolerances +/- 5%

铝基板尺寸

请直接联系福特汽车公司以获取此测试夹具的特定问题。

所有尺寸以毫米为单位，除非另有说明
尺寸公差 +/- 5%

Aluminum sheet

Type N Panel Mount Connector (Female contact)

Bend Radius = 0.125”

Bend Radius = 0.125”
Aluminum Base with Delrin fixture Detail

All dimensions are in units of millimeters unless otherwise stated
Dimensional tolerances +/- 5%

Contact Ford Motor Company for specific questions concerning this test fixture.
Supporting Plate Detail

Aluminum Plate Before Bending
Use 5052 - H32 sheet (0.125” thick)

All bends have radius of 0.125” (3 mm)

All dimensions are in units of millimeters unless otherwise stated
Dimensional tolerances +/- 5%

Contact Ford Motor Company for specific questions concerning this test fixture.
Overall Fixture Detail

Contact Ford Motor Company for specific questions concerning this test fixture.

Front View

Top View

Back View

All dimensions are in units of millimeters unless otherwise stated
Dimensional tolerances +/- 5%
Overall Fixture Detail

Contact Ford Motor Company for specific questions concerning this test fixture.

All dimensions are in units of millimeters unless otherwise stated
Dimensional tolerances +/- 5%
Cross over Detail

All dimensions are in units of millimeters unless otherwise stated
Dimensional tolerances +/- 5%

Contact Ford Motor Company for specific questions concerning this test fixture.