

# Test Report



Contract No : 09032602B-1-2

Issue Date : May. 05, 2009

Applicant : U-MOUTH ENTERPRISE CO., LTD

Address : NO.553-1, Sec.3 Li-Ming Rd. 407 Taichung. Taiwan.  
R.O.C.

Product : Differential

Model No : DG72N

Test Method : IN-house .

Note: (1)The product is supplied by the applicant which has been tested by CHC and the test result is shown in this test report.

(2)This test report is responsible only for the tested product, not for the suit.

(3)This test report has 3 pages which shall not be abstracted and partial copied.

(4)There is only one test report for the applicant.

Approved by : *James Sun*

Tested by : *Steven Cheng*

FORM NO : RI 20-01

**CHC**

財團法人自行車暨健康科技工業研究發展中心  
Cycling & Health Tech Industry R&D Center

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5. Test result :

5.1 Test Sample : As shown in Fig. 1 .



Fig. 1 Test Sample

5.2 After the test condition :

Torsion of the driveshaft reach 1129.54 kg-cm, its angle is 37.8°. After the test, the differential device has not damage on the test situation. Test procedure as shown in Figure 2.



Fig. 2 Torsion test

Null below

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1. Test item : Torsion test .

2. Test standard : IN-house .

3. Test equipment : Transmission system tester (D9)

4. Test method :

4.1 The differential be setting to the fixture, as shown in Fig. A .

4.2 When the chain is fixed to prevent the differential from being the rotation .

4.3 The driveshafts were driven by the motor, and the torsion of motor has stopped on 1100 kgf-cm .

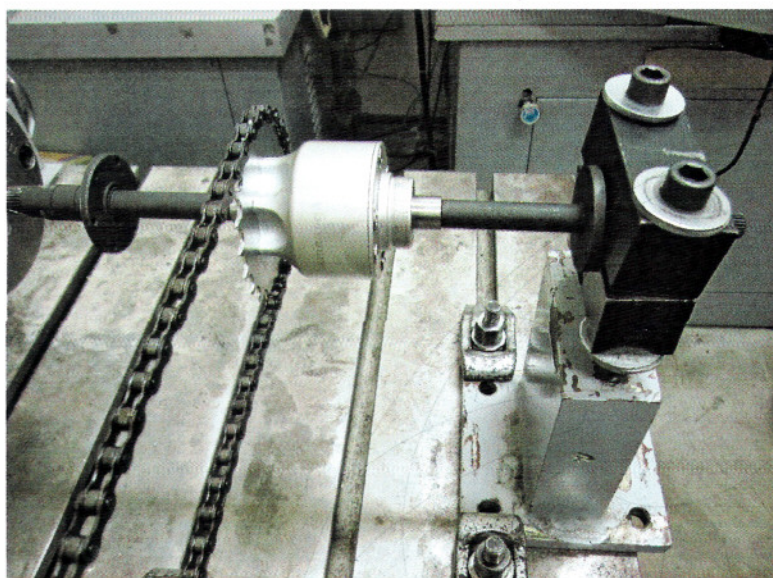


Fig. A Torsion test