



## TEST REPORT

No. : SHMR130100206

Date : Jan. 25,2013

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SHANGHAI BOXI AUTO PARTS CO., LTD.  
NO.3 PLANT, NO.389 YUXIU ROAD, SONGJIANG DISTRICT, SHANGHAI, CHINA

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : Gas spring  
Sample No. : SHMR130100206  
SGS Ref. No. : SP130100164  
Test Required : Mechanics performance test, life cycle test  
Test Method : QC/T 207-1996 and supplied by client  
Date of Receipt : Jan.8,2013  
Test Period : Jan.8,2013 to Jan.23,2013

Test result(s) : For further details, please refer to the following page(s)

\*\*\*\*\* To be continued\*\*\*\*\*

Signed for SGS-CSTC Standards  
Technical Services (Shanghai) Co., Ltd

Helen Xu  
Authorized signatory

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8<sup>th</sup> building, No.69 Block 1159 Kangqiao East Road, Pudong District, Shanghai, China 201319  
中国·上海·上海浦东康桥东路1159弄69号8号楼 邮编: 201319

t (86-21) 61196300  
t (86-21) 61196300

f (86-21) 68183920  
f (86-21) 68183920

www.cn.sgs.com  
e sgs.china@sgs.com

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Sample Description: metal parts

Lab Environmental Condition: 20±2°C, 50±5%RH

Test Quantity: 1pcs

### 1. Mechanics performance test

Ref. standard: QC/T 207-1996 Section 5.1 and supplied by client

Pretreatment condition: 20±2°C/4 hours

Test method:

Fix the sample into tension tester. Start to test by compress speed of 500mm/min, and record the max. value of compress force.

Test result:

The max value of compress force is 1360N.

### 2. Life cycle test

Ref. standard: QC/T 207-1996 Section 5.3 and supplied by client

Test condition:

1). Test rate of compress: 5times/min

2). Test cycle: 30000cycles

Remark: After the life cycle test, conduct mechanics performance test.

Test requirement: The rate of compress force change shall be ≤8%.

Test result:

The max value of compress force is 1289N.

Test valuation: pass

\*\*\*\*\* To be continued\*\*\*\*\*

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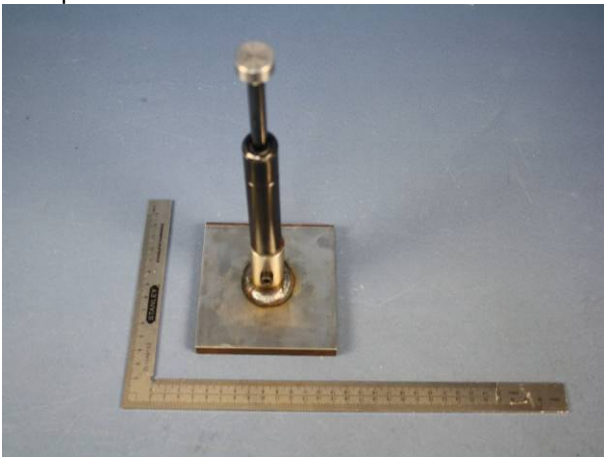
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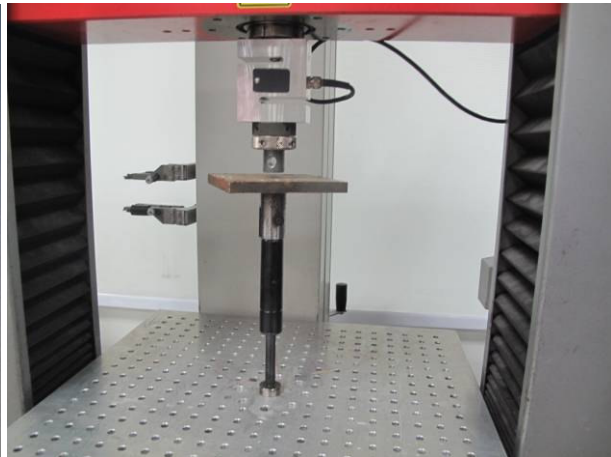
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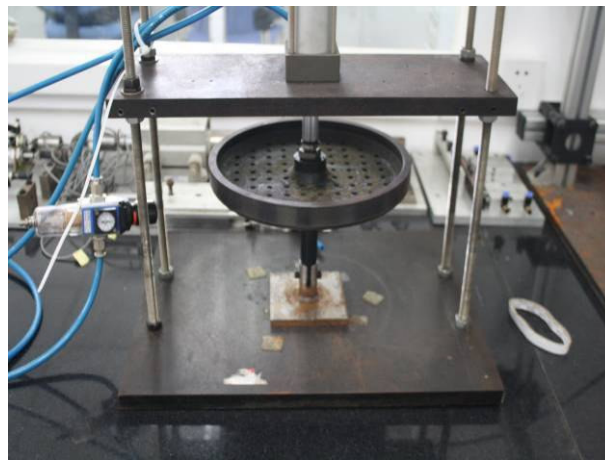
Test photo:



Before test



Sample in Mechanics performance test



Sample in life cycle test

\*\*\*\*\* End of report \*\*\*\*\*

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