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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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Safety-belt and safety-belt anchorages for all-terrain vehicle

全地形车安全带及其安装固定点要求

(English Translation)

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Foreword

Chapter 4 of this standard (except 4.3.3.7 outside) are mandatory, the rest are recommended.

This standard Appendix A and B are normative.

This standard is proposed and managed by the National Four Wheel All Terrain Vehicles Standardization Technical Committee (SAC/TC344).

This standard is drafted. Shanghai Motor Vehicle Inspection Center.

Participated in the drafting of this standard. Panyu in South China Motor Corporation Ltd., Jiangsu Linhai Power Machinery Group Company, Chongqing Astronautic Bashan Mount Motorcycle Manufacturing Co., Ltd., China Automotive Technology and Research Center, the National Motorcycle Quality Supervision and Inspection Center (Chongqing), Loncin Industries Limited.

1 Scope

This standard specifies the all-terrain vehicle seat belt fixed point position, and the strength requirements of the respective test methods.

This standard applies to all-terrain vehicle front occupant various fixed-point adult seat belt to ride seat.

2 Normative references

Terms of the following documents become provisions of this standard by reference in this standard. For dated reference documents, all later Amendments (not including errata

content) or revisions do not apply to this standard, however, encourage the parties to agreements based on this standard Whether the latest versions of these documents. For undated references, the latest version applies to this standard.

GB 11551-2003 passenger occupant protection in a frontal collision (ECER94.1995, NEQ)
GB 11552-1999 car interior projection (eqv74/60/EEC and amendments)

3 Terms and Definitions

The following terms and definitions apply to this standard.

Seat belt safety-belt Assembly comprising a webbing, a buckle, which is fixed to the adjusting member and the attachment in the vehicle, or may also be capable of absorbing webbing retractor device. Sudden vehicle However, when to slow down or crash, to limit the movement of the wearer's body, reduce the degree of injury.

Belt lapbelt

Seat belt across the front of the wearer's pelvic area.

Strap diagonalbelt

Messenger chest from the hip belt to the other side of the front portion.

Three-point seat belts three-pointbelt A combination of a belt and shoulder strap.

Full harness belts harnessbeltage A combination of a plurality of belts and straps.

Belt anchorage safety-beltanchorages Vehicle body, a seat or other means for mounting on a vehicle, the fixed structure of the seat belt assembly.

Effective belt fixed point effectivebeltanchorage 4.3 for determining the portions of the belt a predetermined angle with respect to the point of a user; webbing point can be obtained based on the design of the desired Seat belt wearing state. It may or may not actually seat belt fixed point, depending on the metal and the belt is connected to a fixed point of the connector. Such as.

--- if the belt member rigidly connected to the fixed point of the seat (whether fixed or free rotating) adjustable range Anywhere within the enclosure, the effective belt webbing fixed points are the point of attachment to the rigid member;

--- if the webbing guide is provided on the vehicle body or the seat frame, should be in the webbing guide member toward the midpoint of the user side as Effective fixed point seat belt;

--- If crossed belt retractor without a user through the belt guide, and should be closed to the spool by rolling the flat web centerline as the belt surface effectively intersection fixed point.

Seat seat

For an adult ride, complete with decorative device. It may be integral with the vehicle body frame, also be used independently. May be a separate, can also be it is a bench seat for the person to take part.

Bench seat for two (or more) adults ride, complete with seat decorated.

3.10

Folding seat tip-upseat Alternate seat. When not in a folded state.

3.11

Adjusting means adjustmentsystem Adjusting the position of the seat relative to a seat member or each occupant sitting position changing means, to make the seat.

--- move back and forth;

--- move up and down;

--- adjust the inclination angle of the backrest.

3.12

Displacement means displacementsystem Moving or rotating the seat or a portion thereof, means to facilitate the occupant to enter the rear seat.

3.13

Locking means lockingsystem Holding the seat backrest and/or seat position of the vehicle at a relatively constant mechanism.

4.1 General requirements

4.1.1

Fixed-point seat belt should be able to install various types of ships. If only apply to certain specific types of seat belts, it should be in the test report Explained.

In addition the vehicle has been provided with other types of seat belt retractor with an outer, outside front seat seat belt buckle adapted to be loaded with the retractor and belt guides (particularly in intensity).

4.1.2

should be no right to wear a seat belt may slip.

4.1.3

webbing or not due to the contact protruding parts on the vehicle frame and the seat being damaged.

4.1.4

If the fixed point can be entered for the convenience of the vehicle occupant and a rear seat changes position, this requirement only applies to the proposed standard of the active constraints when the position of the fixed point.

Minimum number of belt anchorage 4.2 4.2.1 should be two front seats and a lower belt anchorage point fixed on the seat belt. Intermediate the front seats, windshield located when GB 11552-1999 than the reference area in Appendix A, as defined, can be provided only at two fixed points; if located in the reference area, the required There are three lower fixing point where the windscreen is considered part of the reference region.

4.2.2 outboard seats must have two fixed points and a fixed point.

4.2.3 In addition to the folding seat, various forward seat with at least two fixed points.

4.2.4 If a folding seat belt mounting fixed point, the fixed point which should meet the requirements of 4.2.

The position and intensity of the belt anchorage 4.3

4.3.1 General

4.3.1.1

belt fixed point structure may be provided on the frame member, the seat member and the like, it may also be divided in two parts.

4.3.1.2

a fixed point simultaneously two belt buckle end. In this case you should still meet the requirements of the system only a buckle end.

The position of the effective belt fixed point 4.3.2 (see Appendix A of FIG A.1) 4.3.2.1 in any normal position of use, the α_1 and α_2 of the seat should be within the range of $30^\circ \sim 80^\circ$.

Article 4.3.2.2 rear bench seat and a seat belt adjusting means, when the back angle of less than 20° (see Appendix A of FIG A.1), α_1 and α_2 can be 4.3.2.1 below a predetermined lower limit (30°), but should not in any normal position of use of less than 20° .

4.3.2.3 respectively through the same two lower fixing points of the seat belt buckle L1, L2, and two planes parallel to the longitudinal center plane of the vehicle is not smaller than the distance between 350mm. The longitudinal center plane of the seat should be between points L1 and L2 and the L1, L2 the distance between the points is not small to 120mm.