JIS

JAPANESE INDUSTRIAL STANDARD

Road Vehicles—Procedure for

H-point Determination

JIS D 0024-1985

Translated

by

Japanese Standards Association

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Road Vehicles-Procedure for   D 0024-1985
H-point Determination

1. Scope

This Japanese Industrial Standard specifies the procedure for H-point determination and the three dimensional manikins to be used there in for road vehicles. However, this is not applicable to the two-wheeled vehicles.

2. Definitions

For the purposes of this standard, the following definitions apply.

(1) three-dimensional manikin   A device used for the determination of the actual H-point in a vehicle.

(2) H-point   The pivot centre of the torso and thigh of the three dimensional manikin. It is located at the centre between the sight buttons on both sides of the three-dimensional manikin.

(3) actual H-point   The H-point of the three dimensional manikin which has been installed in accordance with 5. at normal driving position or riding position at the rearmost end of the seat slide as specified by the manufacturer of road vehicles, hereinafter referred to as the "manufacturer".

(4) two-dimensional manikin   For the purpose of indicating the position corresponding to the H-point of the three-dimensional manikin, on a drawing, a device which has been modified on the side view of the three-dimensional manikin into a two-dimensional one.

(5) R-point   A design reference point corresponding to the actual H-point. In this case, when adjusting mechanisms present, such as the up and down of seat, seat back angle and seat cusion mounting angle, these are to be adjusted to design reference positions as specified by the manufacturer.

Furthermore, the R-point corresponds to the reference point of the two-dimensional manikin.

(6) torso line   Centreline of the probe when the head room probe of the three-dimensional manikin has been moved to the rearmost position until it touches with the back pan.

(7) actual back angle   An angle measured between the vertical line passing through the actual H-point and the torso line.

(8) Y-plane   A plane in parallel to the zero Y-plane specified in JIS D 0030.

Applicable Standard, Corresponding International Standard and Reference Standards: See page 8.