

**Australian Government****Department of Infrastructure, Transport,  
Regional Development, Communications and the Arts**

VSS.NCE.02.01

## Road Vehicle Type Approval

The following vehicle type has been granted road vehicle type approval under Section 19 of the *Road Vehicle Standards Rules 2019*.

BYD

SC2E

Variants: SC2E-2 (XTD), SC2E-4 (STD)

Approval holder	BYD AUTO CO. LTD
Approval number	VTA-060596
This approval is valid from	21/07/2022
This variation commences	04/08/2022
The approval expires on	20/07/2029 unless revoked earlier

This road vehicle type approval is subject to the conditions set out in the attachment to this approval notice.

The approval holder, or a person authorised by the approval holder in writing, is permitted to import a vehicle to which this road vehicle type approval applies.

Umesh Shamdasani

Delegate of the Secretary

Vehicle Safety Operations Branch

Department of Infrastructure, Transport, Regional Development, Communications and the Arts

04/08/2022

## Attachment A – Conditions of approval and additional information

This road vehicle type complies with the applicable national road vehicle standards.

See **Attachment A1** for references to the documents that demonstrate compliance with the national road vehicle standards

### Importation of road vehicles

In accordance with section 22 of the *Road Vehicle Standards Act 2018*, the holder of this road vehicle type approval or a person, authorised in writing by the holder of this road vehicle type approval, is permitted to import a road vehicle of a type to which this approval applies.

To confirm whether this approval remains in force visit <https://rover.infrastructure.gov.au/>

### Entering the Vehicle onto the RAV

In accordance with section 9 *Road Vehicle Standards Rules 2019*, the holder of a road vehicle type approval, or a person authorised in writing by the holder of the approval, may enter vehicles set out in this approval onto the RAV once the vehicle is in Australia.

These vehicles are permitted to be entered onto the RAV while the vehicle is outside Australia.

### Conditions of the approval

Road vehicle type approval VTA-060596 is subject to a range of conditions.

The breach of a condition of an approval is a serious matter. The approval holder is reminded of their obligations to comply with the conditions approval, as set out in section 28 of the *Road Vehicle Standards Act 2018*.

Potential penalties for breach of a condition of an approval may include but are not limited to:

- suspension or revocation of the approval
- an infringement notice of 12 penalty units for executive officers of a company or individuals, or 60 penalty units for a company
- court action such as civil penalty proceedings or criminal prosecution, which could result in a maximum penalty of 120 penalty units

Two types of conditions apply to this approval:

#### Standard conditions

Standard conditions apply to all road vehicle type approvals and are set out in Part 3, Division 2 of the Rules. A summary of these conditions is set out in **Attachment A3**.

## Specified conditions

In accordance with paragraph 25(a) of the Rules, this road vehicle type approval is subject to additional conditions as specified in **Attachment A4**.

## Automatic suspension of an approval

As set out in section 202 of the Road Vehicle Standard Rules 2019, a road vehicle type approval will be automatically suspended if certain circumstances exist relating to compliance with new or amended national road vehicle standards.

You will be notified in writing twelve, six and three months prior to the time that a new or amended national road vehicle standard becomes applicable. To maintain the currency of this approval you will need to demonstrate compliance with the new or amended national road vehicle standard or apply to vary the approval under section 197(2) of the Rules.

## Recalls of approved road vehicles

Approval holders are reminded of their obligations related to the recall of type approved vehicles, as set out in Part 3 of the Road Vehicle Standards Act 2018 and Part 8 of the Road Vehicle Standards Rules 2019.

Further information on recalls and compliance with obligations is available at:  
<https://www.infrastructure.gov.au/vehicles/recalls/>

## Expiry of this approval

This approval is valid for the dates set out on page one of the approval notice, unless revoked sooner.

Where an approval holder wishes to continue to hold a road vehicle type approval for this vehicle after expiry date of this approval, it is important the approval holder applies for a new road vehicle type approval well in advance of the expiry date. It may take up to 60 business days for the new application to be assessed.

## Contact us

For further information, or to contact us regarding matters that are not listed in the ROVER portal, please email [ROVERinfo@infrastructure.gov.au](mailto:ROVERinfo@infrastructure.gov.au), see <http://infrastructure.gov.au/vehicles>, or call us Monday to Friday 9:00am to 5:00pm AEST:

- 1800 815 272 (free call within Australia)
- +61 2 6274 7444 (outside Australia)

## List of sub-attachments

Attachment A1 – Document references for compliance information and level of compliance for each national road vehicle standard

Attachment A2 – Specified Non Compliance

## Attachment A1 – Documents used to demonstrate vehicles of the type comply with the applicable national road vehicle standards

In accordance with section 23(2)(d) of the Rules, this attachment sets out the national road vehicle standards applicable to the type of vehicle and the reference numbers of the documents the approval holder used to demonstrate that vehicles of that type comply with those standards.

National Road Vehicle Standard	Document reference for compliance information
ADR 25/02 - Anti-Theft Lock	2502ATTO301
ADR 96/00 - Commercial Vehicle Tyres	9600ATTO301
ADR 34/03 - Child Restraint Anchorages and Child Restraint Anchor Fittings	3403ATTO301
ADR 11/00 - Internal Sun Visors	1100ATTO301
ADR 46/00 - Headlamps	4600ATTO301
ADR 21/00 - Instrument Panel	2100ATTO301
ADR 30/01 - Smoke Emission Control for Diesel Vehicles	
ADR 82/00 - Engine Immobilisers	8200ATTO301
ADR 94/00 - Audible Warning	9400ATTO301
ADR 04/06 - Seatbelts	0406ATTO302 0406ATTO303 0406ATTO304 0406ATTO305 0406ATTO301
ADR 76/00 - Daytime Running Lamps	7600ATTO301
ADR 23/03 - Passenger Car Tyres	2303ATTO302 2303ATTO301
ADR 45/01 - Lighting and Light Signalling Devices not Covered by ECE Regulations	
ADR 92/00 - External Projections	9200ATTO301
ADR 79/04 - Emission Control for Light Vehicles	
ADR 22/00 - Head Restraints	2200ATTO301
ADR 29/00 - Side Door Strength	
ADR 95/00 - Installation of Tyres	9500ATTO301
ADR 89/00 - Brake Assist System	8900ATTO301
ADR 72/00 - Dynamic Side Impact Occupant Protection	7200ATTO302 7200ATTO301
ADR 43/04 - Vehicle Configuration and Dimensions	4304ATTO301
ADR 03/04 - Seats and Seat Anchorages	0304ATTO302

	0304ATTO301
ADR 86/00 - Parking Lamps	
ADR 31/04 - Brake Systems for Passenger Cars	3104ATTO301
ADR 88/00 - Electronic Stability Control	8800ATTO301
ADR 52/00 - Rear Fog Lamps	5200ATTO301
ADR 78/00 - Gas Discharge Light Sources	
ADR 81/02 - Fuel Consumption Labelling for Light Vehicles	8102ATTO301
ADR 51/00 - Filament Lamps	
ADR 14/02 - Rear Vision Mirrors	1402ATTO301
ADR 49/00 - Front and Rear Position (Side) Lamps, Stop Lamps and End Outline Marker Lamps	4900ATTO302 4900ATTO303 4900ATTO301
ADR 77/00 - Gas Discharge Headlamps	
ADR 10/02 - Steering Column	1002ATTO301
ADR 42/05 - General Safety Requirements	4205ATTO301
ADR 13/00 - Installation of Lighting and Light Signalling Devices on other than L-Group Vehicles	1300ATTO301
ADR 74/00 - Side Marker Lamps	7400ATTO301
ADR 62/02 - Mechanical Connections Between Vehicles (Change)	6200ATTO301
ADR 73/00 - Offset Frontal Impact Occupant Protection	7300ATTO302 7300ATTO301
ADR 69/00 - Full Frontal Impact Occupant Protection	
ADR 44/02 - Specific Purpose Vehicle Requirements	
ADR 85/00 - Pole Side Impact Performance	8500ATTO301
ADR 47/00 - Retroreflectors	4700ATTO301
ADR 48/00 - Devices for Illumination of Rear Registration Plates	4800ATTO301
ADR 06/00 - Direction Indicators	0600ATTO301 0600ATTO303 0600ATTO302
ADR 18/03 - Instrumentation	1803ATTO301
ADR 83/00 - External Noise	8300ATTO301
ADR 61/03 - Vehicle Marking	6103ATTO301
ADR 93/00 - Forward Field of View	9300ATTO301

ADR 75/00 - Headlamp Cleaners	
ADR 08/01 - Safety Glazing Materials	0801ATTO301
ADR 02/01 - Side Door Latches and Hinges	0201ATTO301
ADR 90/00 - Steering System	9000ATTO301
ADR 87/00 - Cornering Lamps	
ADR 01/00 - Reversing Lamps	0100ATTO301
ADR 60/00 - Centre High Mounted Stop Lamp	6000ATTO301
ADR 50/00 - Front Fog Lamps	
ADR 05/06 - Anchorages for Seatbelts	0506ATTO302 0506ATTO301

## Attachment A2 – Specified Non Compliance

In accordance with section 23(2)(e) of the Rules, this attachment sets out, where relevant, the respects in which, or the extent to which, vehicles of this type are not required to comply with the applicable national road vehicle standards in order to be entered on the RAV.

This attachment is not applicable. This approval is for a type of vehicle that complies with the applicable national road vehicle standards.

## Attachment A3 – Summary of standard conditions of the road vehicle type approval

The standard conditions for all road vehicle type approvals are set out in Part 3, Division 2 of the Rules and automatically apply to this approval. In summary, each of the following requirements is a condition of a road vehicle type approval:

### Section 26 of the Rules - Condition about compliance with national road vehicle standards

The holder of the approval, at all times:

- must ensure that vehicles covered by the approval, at the time they are entered on the RAV, comply with the applicable national road vehicle standards as in force at that time; and
- must be able to produce supporting documentation that:
  - demonstrates that vehicles covered by the approval comply with those standards at the time they are entered on the RAV; and
  - the Secretary could take into account for the purposes of subsection 19(2) of the Rules; and
- the holder of the approval must not give instructions, for the purposes of paragraph 51(e), that would result in a vehicle covered by this approval ceasing to comply with the applicable national road vehicle standards as in force at the time the Secretary granted the approval.

### Section 27 - Condition about conformity of production system

The holder of the approval must have a conformity of production system that governs the manufacturing process detailed in the supporting information for the approval.

The system must ensure that, at the time that a vehicle is entered on the RAV under the approval, the vehicle satisfies the requirements of the type approval pathway under section 15 of the Rules.

### Section 28 - Condition about notifying the Secretary of errors in RAV entries

The holder of a road vehicle type approval must notify the Secretary if they become aware of an error in information entered on the RAV under the approval (whether by the holder of the approval or a person authorised in writing by the holder). The holder of the road vehicle type approval must notify the Secretary of the error as soon as practicable after becoming aware of the error.

### Section 29 - Condition about providing information

The condition that the holder of the approval, when requested in writing by the Secretary or an inspector, and within such reasonable time as is specified in the request:

- provide, or arrange for the Secretary or inspector to access, the original and any subsequent versions of the supporting information for the approval; and
- provide any information that the Secretary or inspector reasonably requires for the purposes of assessing whether the holder of the approval is complying with the Act, the Rules, or an instrument made under the Act or the Rules; and
- provide any other information or documents specified in the request about vehicles to which the approval applies; and



- provide written answers to questions, specified in the request, about vehicles to which the approval applies; and
- for the purpose of assessing whether vehicles entered on the RAV under the approval comply with the applicable national road vehicle standards, allow or arrange for the Secretary or an inspector to inspect:
  - o premises where road vehicle components of those vehicles are designed or manufactured; or
  - o premises where those vehicles are designed or manufactured; or
  - o things associated with the design or manufacturing process, including documents, vehicles and components

#### Section 30 - Condition about record keeping

A holder of a road vehicle type approval is required to keep the original and subsequent versions of the supporting information for the approval whilst it is in force and for a period of 7 years after it expires or is revoked. All supporting information must be kept up to date whilst the approval is in force.

## Attachment A4 – Specified Conditions

In accordance with section 25 of the Rules, this approval is also subject to the following specified conditions:

### Notification of recall action

The holder of this approval must advise the department, as soon as practicable, if **overseas recall action** is undertaken in relation to a similar type of vehicle as that to which this approval applies.

In this condition:

**overseas recall action** means a voluntary or compulsory recall of vehicles in an overseas jurisdiction.

### Notification of systemic safety or non-compliance issues with the road vehicle

The holder of this approval must notify the department, as soon as practicable, of any **systemic issues** with vehicles covered by the approval that:

- will or may cause injury to any person; or
- mean that a reasonably foreseeable use (including a misuse) will or may cause injury to any person; or
- causes the vehicle to not, or to likely not, comply with the applicable national road vehicle standards (except to the extent or in the respects to which this approval specifies that the type of vehicle is not required to comply with the applicable standards).

In this condition:

**systemic issue** means an issue affecting [a class]/[more than one] of the vehicles covered by this approval.

And

You may request that I provide reasons for the decision to specify conditions on this approval. Such a request must be made in writing to [ROVERinfo@infrastructure.gov.au](mailto:ROVERinfo@infrastructure.gov.au) quoting the road vehicle type approval number near the top of this document. I will provide reasons within 28 days of your request.

You may also apply to the Administrative Appeals Tribunal (AAT) for review of the decision to specify conditions on the approval. Please see <https://www.aat.gov.au/> for further information.

**Australian Government****Department of Infrastructure, Transport,  
Regional Development and Communications**

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## Road Vehicle Type Approval

The following vehicle type has been granted road vehicle type approval under Section 19 of the *Road Vehicle Standards Rules 2019*.

BYD

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Variants: SC2E-2 (XTD), SC2E-4 (STD)

Approval holder	BYD AUTO CO. LTD
Approval number	VTA-060596
This approval is valid from	21/07/2022
The approval expires on	20/07/2029 unless revoked earlier

This road vehicle type approval is subject to the conditions set out in the attachment to this approval notice.

The approval holder, or a person authorised by the approval holder in writing, is permitted to import a vehicle to which this road vehicle type approval applies.

Umesh Shamdasani  
Delegate of the Secretary  
Vehicle Safety Operations Branch  
Department of Infrastructure, Transport, Regional Development and Communications  
21/07/2022

Attachment A: Conditions of approval and additional information

## Attachment A – Conditions of approval and additional information

This road vehicle type complies with the applicable national road vehicle standards.

See **Attachment A1** for references to the documents that demonstrate compliance with the national road vehicle standards

### Importation of road vehicles

In accordance with section 22 of the *Road Vehicle Standards Act 2018*, the holder of this road vehicle type approval or a person, authorised in writing by the holder of this road vehicle type approval, is permitted to import a road vehicle of a type to which this approval applies.

To confirm whether this approval remains in force visit <https://rover.infrastructure.gov.au/>

### Entering the Vehicle onto the RAV

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### Conditions of the approval

Road vehicle type approval VTA-060596 is subject to a range of conditions.

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- suspension or revocation of the approval
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Two types of conditions apply to this approval:

#### Standard conditions

Standard conditions apply to all road vehicle type approvals and are set out in Part 3, Division 2 of the Rules. A summary of these conditions is set out in **Attachment A3**.

## Specified conditions

In accordance with paragraph 25(a) of the Rules, this road vehicle type approval is subject to additional conditions as specified in **Attachment A4**.

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As set out in section 202 of the Road Vehicle Standard Rules 2019, a road vehicle type approval will be automatically suspended if certain circumstances exist relating to compliance with new or amended national road vehicle standards.

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Further information on recalls and compliance with obligations is available at:  
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## List of sub-attachments

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Attachment A2 – Specified Non Compliance

Attachment A3 – Summary of standard conditions

Attachment A4 – Specified conditions

## Attachment A1 – Documents used to demonstrate vehicles of the type comply with the applicable national road vehicle standards

In accordance with section 23(2)(d) of the Rules, this attachment sets out the national road vehicle standards applicable to the type of vehicle and the reference numbers of the documents the approval holder used to demonstrate that vehicles of that type comply with those standards.

National Road Vehicle Standard	Document reference for compliance information
ADR 01/00 - Reversing Lamps	0100ATTO301
ADR 02/01 - Side Door Latches and Hinges	0201ATTO301
ADR 03/04 - Seats and Seat Anchorages	0304ATTO301 0304ATTO302
ADR 04/06 - Seatbelts	0406ATTO301
ADR 05/06 - Anchorages for Seatbelts	0506ATTO301
ADR 06/00 - Direction Indicators	0600ATTO301 0600ATTO302 0600ATTO303
ADR 08/01 - Safety Glazing Materials	0801ATTO301
ADR 10/02 - Steering Column	1002ATTO301
ADR 11/00 - Internal Sun Visors	1100ATTO301
ADR 13/00 - Installation of Lighting and Light Signalling Devices on other than L-Group Vehicles	1300ATTO301
ADR 14/02 - Rear Vision Mirrors	1402ATTO301
ADR 18/03 - Instrumentation	1803ATTO301
ADR 21/00 - Instrument Panel	2100ATTO301
ADR 22/00 - Head Restraints	2200ATTO301
ADR 23/03 - Passenger Car Tyres	2303ATTO301 2303ATTO302
ADR 25/02 - Anti-Theft Lock	2502ATTO301
ADR 29/00 - Side Door Strength	
ADR 30/01 - Smoke Emission Control for Diesel Vehicles	
ADR 31/04 - Brake Systems for Passenger Cars	3104ATTO301
ADR 34/03 - Child Restraint Anchorages and Child Restraint Anchor Fittings	3403ATTO301
ADR 42/05 - General Safety Requirements	4205ATTO301
ADR 43/04 - Vehicle Configuration and Dimensions	4304ATTO301

ADR 44/02 - Specific Purpose Vehicle Requirements	
ADR 45/01 - Lighting and Light Signalling Devices not Covered by ECE Regulations	
ADR 46/00 - Headlamps	4600ATTO301
ADR 47/00 - Retroreflectors	4700ATTO301
ADR 48/00 - Devices for Illumination of Rear Registration Plates	4800ATTO301
ADR 49/00 - Front and Rear Position (Side) Lamps, Stop Lamps and End Outline Marker Lamps	4900ATTO301 4900ATTO302 4900ATTO303
ADR 50/00 - Front Fog Lamps	
ADR 51/00 - Filament Lamps	
ADR 52/00 - Rear Fog Lamps	5200ATTO301
ADR 60/00 - Centre High Mounted Stop Lamp	6000ATTO301
ADR 61/03 - Vehicle Marking	6103ATTO301
ADR 62/02 - Mechanical Connections Between Vehicles	
ADR 69/00 - Full Frontal Impact Occupant Protection	
ADR 72/00 - Dynamic Side Impact Occupant Protection	7200ATTO301
ADR 73/00 - Offset Frontal Impact Occupant Protection	7300ATTO301
ADR 74/00 - Side Marker Lamps	7400ATTO301
ADR 75/00 - Headlamp Cleaners	
ADR 76/00 - Daytime Running Lamps	7600ATTO301
ADR 77/00 - Gas Discharge Headlamps	
ADR 78/00 - Gas Discharge Light Sources	
ADR 79/04 - Emission Control for Light Vehicles	
ADR 81/02 - Fuel Consumption Labelling for Light Vehicles	8102ATTO301
ADR 82/00 - Engine Immobilisers	8200ATTO301
ADR 83/00 - External Noise	8300ATTO301
ADR 85/00 - Pole Side Impact Performance	8500ATTO301
ADR 86/00 - Parking Lamps	
ADR 87/00 - Cornering Lamps	
ADR 88/00 - Electronic Stability Control	8800ATTO301
ADR 89/00 - Brake Assist System	8900ATTO301



ADR 90/00 - Steering System	9000ATTO301
ADR 92/00 - External Projections	9200ATTO301
ADR 93/00 - Forward Field of View	9300ATTO301
ADR 94/00 - Audible Warning	9400ATTO301
ADR 95/00 - Installation of Tyres	9500ATTO301
ADR 96/00 - Commercial Vehicle Tyres	9600ATTO301

## Attachment A2 – Specified Non Compliance

In accordance with section 23(2)(e) of the Rules, this attachment sets out, where relevant, the respects in which, or the extent to which, vehicles of this type are not required to comply with the applicable national road vehicle standards in order to be entered on the RAV.

This attachment is not applicable. This approval is for a type of vehicle that complies with the applicable national road vehicle standards.

## Attachment A3 – Summary of standard conditions of the road vehicle type approval

The standard conditions for all road vehicle type approvals are set out in Part 3, Division 2 of the Rules and automatically apply to this approval. In summary, each of the following requirements is a condition of a road vehicle type approval:

### Section 26 of the Rules - Condition about compliance with national road vehicle standards

The holder of the approval, at all times:

- must ensure that vehicles covered by the approval, at the time they are entered on the RAV, comply with the applicable national road vehicle standards as in force at that time; and
- must be able to produce supporting documentation that:
  - demonstrates that vehicles covered by the approval comply with those standards at the time they are entered on the RAV; and
  - the Secretary could take into account for the purposes of subsection 19(2) of the Rules; and
- the holder of the approval must not give instructions, for the purposes of paragraph 51(e), that would result in a vehicle covered by this approval ceasing to comply with the applicable national road vehicle standards as in force at the time the Secretary granted the approval.

### Section 27 - Condition about conformity of production system

The holder of the approval must have a conformity of production system that governs the manufacturing process detailed in the supporting information for the approval.

The system must ensure that, at the time that a vehicle is entered on the RAV under the approval, the vehicle satisfies the requirements of the type approval pathway under section 15 of the Rules.

### Section 28 - Condition about notifying the Secretary of errors in RAV entries

The holder of a road vehicle type approval must notify the Secretary if they become aware of an error in information entered on the RAV under the approval (whether by the holder of the approval or a person authorised in writing by the holder). The holder of the road vehicle type approval must notify the Secretary of the error as soon as practicable after becoming aware of the error.

### Section 29 - Condition about providing information

The condition that the holder of the approval, when requested in writing by the Secretary or an inspector, and within such reasonable time as is specified in the request:

- provide, or arrange for the Secretary or inspector to access, the original and any subsequent versions of the supporting information for the approval; and
- provide any information that the Secretary or inspector reasonably requires for the purposes of assessing whether the holder of the approval is complying with the Act, the Rules, or an instrument made under the Act or the Rules; and
- provide any other information or documents specified in the request about vehicles to which the approval applies; and

- provide written answers to questions, specified in the request, about vehicles to which the approval applies; and
- for the purpose of assessing whether vehicles entered on the RAV under the approval comply with the applicable national road vehicle standards, allow or arrange for the Secretary or an inspector to inspect:
  - o premises where road vehicle components of those vehicles are designed or manufactured; or
  - o premises where those vehicles are designed or manufactured; or
  - o things associated with the design or manufacturing process, including documents, vehicles and components

#### Section 30 - Condition about record keeping

A holder of a road vehicle type approval is required to keep the original and subsequent versions of the supporting information for the approval whilst it is in force and for a period of 7 years after it expires or is revoked. All supporting information must be kept up to date whilst the approval is in force.

## Attachment A4 – Specified Conditions

In accordance with section 25 of the Rules, this approval is also subject to the following specified conditions:

### **Notification of recall action**

The holder of this approval must advise the department, as soon as practicable, if **overseas recall action** is undertaken in relation to a similar type of vehicle as that to which this approval applies.

In this condition:

**overseas recall action** means a voluntary or compulsory recall of vehicles in an overseas jurisdiction.

### **Notification of systemic safety or non-compliance issues with the road vehicle**

The holder of this approval must notify the department, as soon as practicable, of any **systemic issues** with vehicles covered by the approval that:

- will or may cause injury to any person; or
- mean that a reasonably foreseeable use (including a misuse) will or may cause injury to any person; or
- causes the vehicle to not, or to likely not, comply with the applicable national road vehicle standards (except to the extent or in the respects to which this approval specifies that the type of vehicle is not required to comply with the applicable standards).

In this condition:

**systemic issue** means an issue affecting [a class]/[more than one] of the vehicles covered by this approval.

And

You may request that I provide reasons for the decision to specify conditions on this approval. Such a request must be made in writing to [ROVERinfo@infrastructure.gov.au](mailto:ROVERinfo@infrastructure.gov.au) quoting the road vehicle type approval number near the top of this document. I will provide reasons within 28 days of your request.

You may also apply to the Administrative Appeals Tribunal (AAT) for review of the decision to specify conditions on the approval. Please see <https://www.aat.gov.au/> for further information.

# Compliance information - ADR 34-03 - Child Restraint Anchorages and Child Restraint Anchor Fittings

User kim@safescape.com  
Generated 5/05/2022 1:53:04 PM

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## Compliance information – ADR 34/03 – Child Restraint Anchorages and Child Restraint Anchor Fittings

Applicant's reference for this compliance information form	3403ATTO301
Date (DD/MM/YYYY)	5/05/2022

## Compliance demonstration method

How is compliance with this ADR demonstrated?	Test result details
Select All	
Select All	
Select all variants	Select all variants
If required, please add any further details below about what this documentation covers	(No answer)

## Seats with Upper Anchorage(s) and/or Upper Anchor Fitting(s)

Number of seating positions on the Second Row Seat(s)	3
Has an Upper Anchorage been omitted, as	Yes

permitted by clause 6.1.1.1, for the middle seating position of the Second Row Seat(s)?	
Number of unique seating positions on a Second Row Seat which is a folding seat, where fitting an Upper Anchorage would bar access to the rear seats: [Cl.6.1.1.2]	0
Number of nominated seating positions for Upper Anchorages:	2
Total number of Upper Anchorages fitted for Second Row Seats: [Cl.6.1]	2
Total number of Upper Anchorages fitted to the vehicle: [Cl.6.1]	2

### Test report details - Upper Anchorages and Upper Anchor Fittings

Test report date (dd/mm/yyyy)	17/02/2022
Test report number	CN21090139
Testing Facility Number	3328
Testing facility name	IDIADA Automotive Technology, S.A.
Testing facility address	Spain
Assembly drawing number	D-1-5.1.2, D-1-5.1.3, D-1-5.1.4,D-1- 5.1.5

### ISOFIX Anchorages

How is compliance of the ISOFIX anchorage systems, and where	UN Approval for Regulation No. 145
--	------------------------------------

applicable the ISOFIX top  
tether anchorages,  
demonstrated?

### UN Approval

Country Code	09
Number of Regulation	145R
Amendment Series	00
Approval Number	1042
Upload supporting files- UNDoc	FINAL REPORT CN21090139——R145.pdf

### Additional Features [CI.13]

Does the vehicle incorporate any vehicle specific child restraints?	No
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### Comments

Comments	(No answer)
Upload supporting files- Comments	(No answer)





MINISTERIO  
DE INDUSTRIA, COMERCIO Y  
TURISMO

SECRETARÍA GENERAL DE INDUSTRIA Y  
DE LA PEQUEÑA Y MEDIANA EMPRESA  
DIRECCIÓN GENERAL DE INDUSTRIA Y  
DE LA PEQUEÑA Y MEDIANA EMPRESA



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Comunicación relativa a<sup>(1)</sup> / *Communication concerning the<sup>(1)</sup>*:

- concesión de homologación / *granting of approval*
- extensión de homologación / *extension of approval*
- denegación de homologación / *refusal of approval*
- retirada de homologación / *withdrawal of approval*
- cese definitivo de la producción / *production definitely discontinued*

de un tipo de vehículo en lo relativo a los anclajes ISOFIX, top tether y posiciones i-Size de acuerdo con el Reglamento n° 145 / *of a vehicle type with regard to ISOFIX anchorages systems, and ISOFIX top tether anchorages and i-Size seating positions if any pursuant to UN Regulation No. 145*

N° de homologación / *Approval No.*: E9\*145R00/00\*1042\*00

N° de Extensión / *Extension No.*: ---

1. Marca de fábrica o designación comercial del vehículo a motor / *Trade name or mark of the power-driven vehicle*: BYD
2. Tipo de vehículo / *Type of vehicle*: SC2E
3. Nombre y dirección del fabricante / *Manufacturer's name and address*:  
BYD AUTO CO., LTD.  
No.1 West Qinling Avenue, Caotang Science & Technology Industrial Park, Hi-Tech Zone 710311, Xi'an, SHAANXI, CHINA
4. Nombre y dirección del representante del fabricante, en su caso / *If applicable, name and address of manufacturer's representative*:  
Byd Europe B.V.  
's-Gravelandseweg 256, 3125 BK Schiedam, the Netherlands
5. Descripción de los asientos / *Description of seats*:  
  
Utiliza fuerza adicional de acuerdo al párrafo 6.2.5.1. de este Reglamento / *Utilises additional force according to paragraph 6.2.5.1. of this UN Regulation*: Si/No / Yes/No<sup>(2)</sup>  
  
Fuerza suplementaria / *Supplemented force*: ---  
  
Utiliza la exención del párrafo 6.2.5.1. basado en los anclajes de cinturones de acuerdo con el Reglamento ONU 14 párrafo 6.4.4. / *Utilises the exemption per note to paragraph 6.2.5.1. based on safety belt anchorage tests per UN Regulation No. 14 paragraph 6.4.4.*: Si/No / Yes/No<sup>(2)</sup>  
  
Contraseña de homologación del Reglamento ONU 14 / *UN Regulation No. 14 Approval No.*: E9\*14R09/01\*1552\*00
6. Utiliza la exención de ISOFIX permitida en el punto 5.3.8. o 5.3.9 / *Utilises ISOFIX exemption permitted by paragraph 5.3.8 or 5.3.9.*: Si/No / Yes/No<sup>(2)</sup>
7. Vehículo presentado a homologación en / *Vehicle submitted for approval on*: 17/02/2022

(1) Táchese lo que no proceda / *Delete where inapplicable*

Pº DE LA CASTELLANA, 160, 10º - 28071 MADRID  
SEDE-E <https://sedeaplicaciones.minetur.gob.es/consultasSGCSI/>

TLF.: 91 349.51.08



Código: 11799925-55045673OF0PKY63OYY8 Autenticidad verificable en: <https://serviciosmin.gob.es/arce>  
Documento electrónico, página 1 de 4.



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SECRETARÍA GENERAL DE INDUSTRIA Y  
DE LA PEQUEÑA Y MEDIANA EMPRESA  
DIRECCIÓN GENERAL DE INDUSTRIA Y  
DE LA PEQUEÑA Y MEDIANA EMPRESA



E9\*145R00/00\*1042\*00

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8. Servicio Técnico responsable de los ensayos de homologación / *Technical Service responsible for conducting approval tests*: IDIADA
9. Fecha del acta de ensayos emitida por ese Servicio / *Date of report issued by that Service*: 09/03/2022
10. Número del acta de ensayos emitida por ese Servicio / *Number of report issued by that Service*: CN21090139
11. Homologación / *Approval*: concedida / ~~denegada~~ / ~~extendida~~ / ~~retirada~~ / granted / ~~refused~~ / ~~extended~~ / ~~withdrawn~~
12. Emplazamiento del marcado de homologación en el vehículo / *Position of approval mark on vehicle*: Ver documentación técnica aportada por el fabricante / *See technical documentation supplied by the manufacturer*
13. Lugar / *Place*: Madrid
14. Fecha / *Date*: Ver firma electrónica / *See electronical signature*
15. Firma / *Signature*:

EL SUBDIRECTOR GENERAL DE CALIDAD Y SEGURIDAD INDUSTRIAL  
Resolución P.D. del DIRECTOR GENERAL DE INDUSTRIA Y DE LA PYME de 25-10-2012

16. Se adjuntan a la presente comunicación las siguientes partes, que llevan el número de homologación indicado más arriba. / *The following documents, bearing the approval number shown above, are annexed to this communication*:
  - Planos y diagramas de los anclajes ISOFIX, top tether, superficie del suelo de contacto del vehículo de las posiciones i-Size, si existen, y de la estructura del vehículo.  
*Drawings, diagrams and plans of the ISOFIX anchorages systems, of the top tether anchorages if any, vehicle floor contact surface of i-Size seating positions if any, and of the vehicle structure;*
  - Fotografías de los anclajes ISOFIX, top tether, superficie del suelo de contacto del vehículo de las posiciones i-Size, si existen, y de la estructura del vehículo.  
*Photographs of the ISOFIX anchorages systems, of the top tether if any, vehicle floor contact surface of i-Size seating positions if any, and of the vehicle structure;*
  - Planos y diagramas de los asientos y sus anclajes en el vehículo.  
*Drawings, diagrams and plans of the seats, of their anchorage on the vehicle;*
  - Fotografías de los asientos y sus anclajes en el vehículo.  
*Photographs of the seats, of their anchorage.*

(1) Táchese lo que no proceda / *Delete where inapplicable*

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SEDE-E <https://sedeaplicaciones.minetur.gob.es/consultasSGCSI/>

TLF.: 91 349.51.08



Código: 11799925-55045673OF0PKY63OYY8 Autenticidad verificable en: <https://serviciosmin.gob.es/arce>  
Documento electrónico, página 2 de 4.



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### Anexo - Información adicional sobre esta Homologación de tipo

#### Condiciones de la autorización y pie de recurso

Los vehículos, sistemas, componentes o unidades técnicas independientes fabricados en virtud de esta homologación de tipo deben estar identificados y portar las marcas correspondientes según la reglamentación aplicable.

La producción en serie de vehículos, sistemas, componentes y unidades técnicas independientes debe realizarse de acuerdo con la documentación de homologación. Todo cambio en la producción individualizada requerirá autorización expresa previa por parte de la Autoridad de Homologación Española.

Cualquier modificación en los datos incluidos en el certificado de homologación, como el nombre de la empresa, representante en la UE, dirección y las plantas de fabricación deben ser comunicados inmediatamente a la Autoridad de Homologación Española.

La homologación perderá su validez cuando la misma haya sido retirada o el tipo ya no cumpla con los requisitos legales. La retirada tendrá lugar siempre que hayan dejado de cumplirse los requisitos necesarios para la concesión y mantenimiento de la misma, cuando el fabricante no pueda demostrar a la Autoridad de Homologación el cumplimiento con los requisitos y procedimientos para garantizar la conformidad de la producción, en caso de que el titular no cumpla con sus obligaciones inherentes a la homologación o cuando se determine que el tipo homologado no cumple con los requisitos de seguridad y medio ambiente.

La Autoridad de Homologación de Tipo española podrá verificar el cumplimiento de las obligaciones del fabricante en cualquier momento. En particular, se podrá comprobar la correspondencia del producto con el tipo homologado, así como las medidas establecidas para garantizar la conformidad de la producción. A tal efecto se podrán tomar o solicitar las muestras necesarias. Se permitirá el acceso sin trabas a las instalaciones de producción y almacenamiento a los empleados o representantes de la Autoridad de Homologación Española.

La autorización objeto de esta resolución de homologación de tipo no es transferible. Los derechos de marca de terceros no se encuentran afectados por esta homologación.

Contra la presente Resolución, que no pone fin a la vía administrativa, podrá interponerse recurso de alzada <sup>1</sup> ante la Dirección General de Industria y de la Pequeña y Mediana empresa, o ante la Secretaría General de Industria y de la Pequeña y Mediana empresa, en el plazo de un mes a partir del día siguiente a su notificación, de conformidad con los artículos 121 y 122 de la Ley 39/2015, de 1 de octubre, del Procedimiento Administrativo Común de las Administraciones Públicas.

<sup>1</sup> Nota: Para interponer recurso de alzada deberá acceder al siguiente enlace:

<https://sede.serviciosmin.gob.es/es-es/procedimientoselectronicos/Paginas/detalle-procedimientos.aspx?IdProcedimiento=157>





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### *Annex - Additional Information on this Type Approval*

#### *Collateral clauses and right to appeal (Courtesy translation)*

*All vehicles, systems, components or separate technical units which correspond to the approved type are to be identified and marked according to the applied regulation.*

*The serial fabrication of vehicles, systems, components or separate technical must be in exact accordance with the approval documents. Changes in the individual production are only allowed with express consent of the Spanish Type Approval Authority.*

*Changes in the data included in the approval certificate, such as the name of the company, EU representative, address and the manufacturing plant are to be immediately disclosed to the Spanish Type Approval Authority.*

*The approval expires if it is withdrawn or if the type approved no longer complies with the legal requirements. The revocation can be made if the demanded requirements for issuance and the continuance of the approval no longer exist, if the manufacturer cannot demonstrate to the Type Approval Authority that it comply with the requirements and procedures to guarantee the conformity of production, if the holder of the approval violates the duties involved in the approval or if it is determined that the approved type does not comply with the requirements of traffic safety or environmental protection.*

*The Spanish Type Approval Authority may check the proper exercise of the conferred authority taken from this approval at any time. In particular, this means the compliant production as well as the measures for conformity of production. For this purpose, samples can be taken or have taken. The employees or the representatives of the Spanish Type Approval Authority may get unhindered access to the production and storage facilities.*

*The authorization contained with issuance of this approval is not transferable. Trade mark rights of third parties are not affected with this approval.*

*This approval does not conclude the administrative channel and can be appealed<sup>2</sup> within one month after notification, according to articles 121 and 122 of Ley 39.2015, de 1 de octubre, del Procedimiento Administrativo Común de las Administraciones Públicas. The appeal is to be addressed to Dirección General de Industria y de la Pequeña y Mediana empresa, or Secretaría General de Industria y de la Pequeña y Mediana empresa.*

<sup>2</sup> Note. Appeal on the following link.

<https://sede.serviciosmin.gob.es/es-es/procedimientoselectronicos/Paginas/detalle-procedimientos.aspx?IdProcedimiento=157>





## China Office:

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Fax +34 977 166007  
e-mail: idiada@idiada.com

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## INFORME / REPORT N° CN21090139

REGLAMENTO UN N° 145R00/00 RELATIVA A LA HOMOLOGACIÓN DE VEHÍCULOS EN LO QUE  
CONCIERNE A LOS ANCLAJES ISOFIX, TOP TETHER Y POSICIONES I-SIZE

*UN REGULATION No 145R00/00 CONCERNING THE APPROVAL OF VEHICLES WITH REGARD TO  
ISOFIX ANCHORAGES SYSTEMS, ISOFIX TOP TETHER ANCHORAGES AND I-SIZE SEATING POSITIONS*

Solicitante / Applicant	:	BYD AUTO CO., LTD.
Fabricante / Manufacturer	:	BYD AUTO CO., LTD. No.1 West Qinling Avenue, Caotang Science & Technology Industrial Park, Hi-Tech Zone 710311, Xi'an, SHAANXI, CHINA
Marca / Mark	:	BYD
Tipo / Type	:	SC2E
Categoría / Category	:	M1
Lugar y fecha de emisión del informe / Place and date of issue	:	L'Albomar, Santa Oliva (Tarragona), 09/03/2022

**CONCLUSIONES:** El vehículo ensayado **CUMPLE** con las prescripciones uniformes relativas a la homologación de los vehículos a motor en relación a los anclajes ISOFIX, top-tether y posiciones i-Size, de acuerdo con el Reglamento UN N° 145R00/00, según se detalla en la hoja de ensayo anexa a este informe.

**CONCLUSIONS:** The vehicle tested **FULFILLS** the uniform provisions concerning the type-approval of motor vehicles with regard to the ISOFIX anchorages systems, ISOFIX top-tether anchorages and i-Size seating positions, according to UN Regulation No 145R00/00, as detailed in annex to this report.

Realizado / Performed by:

V. B° / Revised by:

Fei(Allen) Shen  
INGENIERO DE HOMOLOGACIONES  
HOMOLOGATION ENGINEER

Josep Masip Gomez  
JEFE DE DEPARTAMENTO  
DEPARTMENT MANAGER

\* LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA.  
THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE

\* QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCIÓN PARCIAL DE ESTE INFORME SIN PERMISO EXPRESO DE IDIADA.  
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IDIADA Automotive Technology, S.A. N.I.F. A43581610

IDIADA CN21090139

**ANEXO AL INFORME /  
ANNEX TO THE TEST REPORT**

**1. Características del vehículo ensayado / Tested vehicle characteristics**

Solicitante / *Applicant* : BYD AUTO CO., LTD.

Marca / *Trade mark* <sup>(1)</sup> : BYD

Tipo / *Type* <sup>(1)</sup> : SC2E

Categoría/ *Category* <sup>(1)</sup> : M1

Referencia de la muestra ensayada/  
*Reference of the sample tested* : Estructura del vehículo / *Vehicle body in white*

<sup>(1)</sup> Información proporcionada por el cliente. El laboratorio no se hace responsable de dicha información /  
*Information provided by the client. The laboratory is not responsible for such information*

**2. Requisitos / Requirements**

Párrafo / <i>Paragraph</i>	Requisito / <i>Requirement</i>	Resultado / <i>Result</i>
5.2.	Especificaciones generales / <i>General specifications.</i>	CUMPLE / <i>FULFILS</i>
5.2.1.	Diseño de los anclajes ISOFIX, top tether y posiciones ISOFIX. / <i>Design of the ISOFIX anchorages system, ISOFIX top tether anchorages and i-Size seating positions.</i>	CUMPLE / <i>FULFILS</i>
5.2.2.	Diseño y posición de los anclajes ISOFIX./ <i>ISOFIX anchorage systems, design and positioning.</i>	CUMPLE / <i>FULFILS</i>
5.2.3.	Diseño y posición de los anclajes top tether. / <i>ISOFIX top tether anchorages, design and positioning.</i>	CUMPLE / <i>FULFILS</i>
5.2.4.	Requisitos de las posiciones i-Size./ <i>i-Size seating position requirements.</i>	NO APLICABLE / <i>NOT APPLICABLE</i>
5.3.	Número mínimo de posiciones ISOFIX./ <i>Minimum number of ISOFIX positions to be provided</i>	CUMPLE / <i>FULFILS</i>

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## 2.1 Especificaciones generales / General specifications

### 2.1.1 Diseño de los anclajes ISOFIX, top tether y posiciones ISOFIX. / Design of the ISOFIX anchorages system, ISOFIX top tether anchorages and i-Size seating positions.

Párrafo / Paragraph	Requisito / Requirement	Requisito/ Requirement (mm)	Resultados / Results (mm)
5.2.2.1.	Diámetro horizontal transversal / Transverse horizontal diameter	$6 \pm 0.1$	6
5.2.2.1.	Longitud mínima efectiva / minimum effective length	25	33
5.2.2.2.	Localización de los ISOFIX / ISOFIX anchorages location	> 120 mm from the H point	148
5.2.2.3.	Dimensiones de las posiciones ISOFIX / ISOFIX seating position dimensions	ISO/F2 or ISO/F2X	F2/F2X/F3
5.2.2.3.	Dimensiones de las posiciones i-Size / i-Size seating position dimensions	ISO/F2X and ISO/R2 and ISO/B2	ISO/F2X and ISO/R2 and ISO/B2
5.2.2.4.	Pitch Roll Yaw	$15^\circ \pm 10^\circ$ $0^\circ \pm 5^\circ$ $0^\circ \pm 10^\circ$	CUMPLE / FULFILS
5.2.2.5.	Anclajes ISOFIX plegables Storable ISOFIX anchorages	Anclajes ISOFIX plegables Storable ISOFIX anchorages	NO APLICABLE / NOT APPLICABLE
5.2.2.6.	Visibilidad de los anclajes ISOFIX / visibility of the ISOFIX anchorages	30°	CUMPLE / FULFILS
5.2.2.6.1.	Marcaje pictograma / Pictogram markings	Marcaje / markings	CUMPLE / FULFILS
5.2.2.6.2.	Marcaje ISOFIX / ISOFIX marking		CUMPLE / FULFILS

Cumple / Fulfils

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THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE

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2.1.2 Posicionamiento y diseño de los anclajes Top Tether / *Top tether anchorages, design and positioning*

Párrafo / Paragraph	Requisito / Requirement	Requisito/ Requirement (mm)	Resultados / Results (mm)
5.2.3.1.	Localización del anclaje top tether/ <i>Location of top tether anchorage</i>	< 2000 mm Figures 6 to 10 of Annex 4	CUMPLE / FULFILS
5.2.3.2.	Localización del anclaje top tether/ <i>Location of top tether anchorage</i>	ISO/F2	CUMPLE / FULFILS
5.2.3.3.	Localización del anclaje top tether/ <i>Location of top tether anchorage</i>	Zona alternativa / <i>Alternative zone</i>	CUMPLE / FULFILS
5.2.3.4.	Localización del anclaje top tether/ <i>Location of top tether anchorage</i>	Respaldo del asiento / <i>Seat back</i>	NO APLICABLE / NOT APPLICABLE
5.2.3.5.	Dimensiones y marcaje / <i>Dimensions and marking</i>	Annex 4	CUMPLE / FULFILS

Cumple / Fulfil

2.1.3 Requisitos de las posiciones i-Size / *i-Size seating position requirements*

Párrafo / Paragraph	Requisito / Requirement	Requisito/ Requirement (mm)	Resultados / Results (mm)
5.2.4.1.	Marcaje / Marking	Annex 5	CUMPLE / FULFILS
5.2.4.2.	Requisitos geométricos / <i>Geometrical requirements</i>	Volumen support leg / <i>support leg foot assessment volume</i>	CUMPLE / FULFILS
5.2.4.3.	Resistencia del suelo del vehículo / <i>Vehicle floor strength requirements</i>	Punto 6.2.4.5 / Item 6.2.4.5	CUMPLE / FULFILS

Cumple / Fulfil

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## 2.2 Mínimas posiciones de anclajes ISOFIX / *Minimum number of ISOFIX positions to be provided*

Anclajes ISOFIX y Top tether de acuerdo con el punto 5.3. / *ISOFIX and Top tether anchorages according to item 5.3.*

Asiento / Seat	Anclajes ISOFIX y Top tether / <i>ISOFIX and Top tether anchorages</i>
Conductor / <i>Driver</i>	---
Acompañante / <i>Passenger</i>	2 / 1
Posterior derecha / <i>Rear right</i>	2 / 1
Posterior central / <i>Rear centre</i>	---
Posterior izquierda / <i>Rear left</i>	2 / 1

Cumple / *Fulfils*

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*THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE*

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### 3. Ensayos / Tests

#### 3.1 Localización de los anclajes / Location of anchorages

Anclajes ISOFIX y Top tether / ISOFIX and Top tether anchorages.

			Anclaje en* Anchorage on*	
			estructura vehiculo vehicle structure	estructura asiento seat structure
Fila 1 Row 1t	Asiento derecho Right-hand seat	anclajes ISOFIX ISOFIX anchorages	---	2
		anclajes Top tether Top tether anchorages	---	1
	Asiento izquierdo Left-hand seat	anclajes ISOFIX ISOFIX anchorages	---	---
		anclajes Top tether Top tether anchorages	---	---
Última fila Rear row	Asiento derecho Right-hand seat	anclajes ISOFIX ISOFIX anchorages	---	2
		anclajes Top tether Top tether anchorages	---	1
	Asiento central Middle seat	anclajes ISOFIX ISOFIX anchorages	---	---
		anclajes Top tether Top tether anchorages	---	---
	Asiento izquierdo Left-hand seat	anclajes ISOFIX ISOFIX anchorages	---	2
		anclajes Top tether Top tether anchorages	---	1

Cumple / Fulfils

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## 3.2 Prescripciones generales del ensayo / General test provisions

Ensayo sobre/ Test on	Estructura del vehículo / Vehicle BiW
Puertas / Doors	Sin puertas / Without doors
Ventanas / windows	Sin ventanas / Without windows
Ángulo de respaldo / Seat back torso angle	2ª fila, outboard/ 2 <sup>nd</sup> row, outboard: 27°
Posicionamiento de los asientos / Seat positioning	2ª fila, outboard/ 2 <sup>nd</sup> row, outboard: Reparado / Fixed

Peso de los asientos / Seats mass (kg):

	Izquierda / Left	Centro / Center	Derecha / Right
1ª fila / 1 <sup>st</sup> row	---	---	19.5
2ª fila / 2 <sup>nd</sup> row	13.4 (60% de asiento partido espalda / 60% split seat back)		
	7.5 (40% de asiento partido espalda / 60% split seat back)		
	6.0 (cojín del asiento / seat cushion)		

(\*) No es necesario aplicar fuerza adicional ya que no hay anclaje en el asiento. / No additional force need to be applied since no anchorage is at the seat.

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IDIADA Automotive Technology, S.A. N.I.F. A43581810

### 3.3 Ensayos de resistencia de anclajes / Anchorages strength tests:

#### 3.3.1 1ª fila / 1<sup>st</sup> row

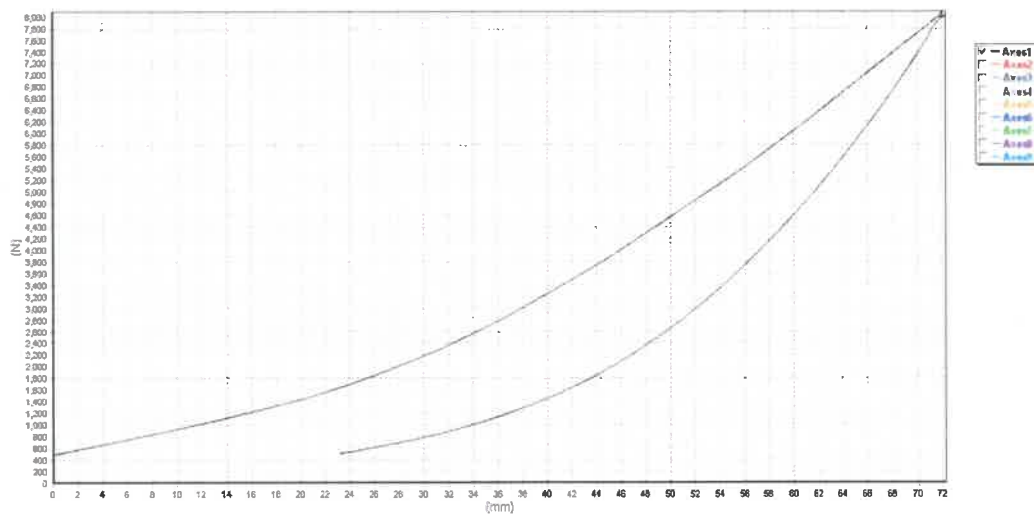
##### 3.3.1.1 Ensayo a 0° / Test to 0°

Ángulo de las fuerzas de tracción respecto a la horizontal:  $10^\circ \pm 5^\circ$   
 Angle of traction forces with regard to the horizontal line:  $10^\circ \pm 5^\circ$

Tiempo de accionamiento de las cargas límite sobre anclajes:  $t > 0.2$  s.  
 Actuation time of limit forces on anchorages:  $t > 0.2$  s.

	Carga Mínima / Minimum load (daN)	Carga Alcanzada / Attained load (daN)	Desplazamiento / Displacement (mm)
Lado derecha / Right side	$800 \pm 25$	808.8	$72.04 < 125$

Cumple / Fulfils



Gráfica 1 ISOFIX 02 / ISOFIX 02

- LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA.  
THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE
  - QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCIÓN PARCIAL DE ESTE INFORME SIN PERMISO EXPRESO DE IDIADA.  
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- IDIADA Automotive Technology, S.A. N.I.F. A43581610



**Ilustración 1 ISOFIX 0° / ISOFIX 0°**

\* LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA.  
*THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE*

\* QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCION PARCIAL DE ESTE INFORME SIN PERMISO EXPRESO DE IDIADA.  
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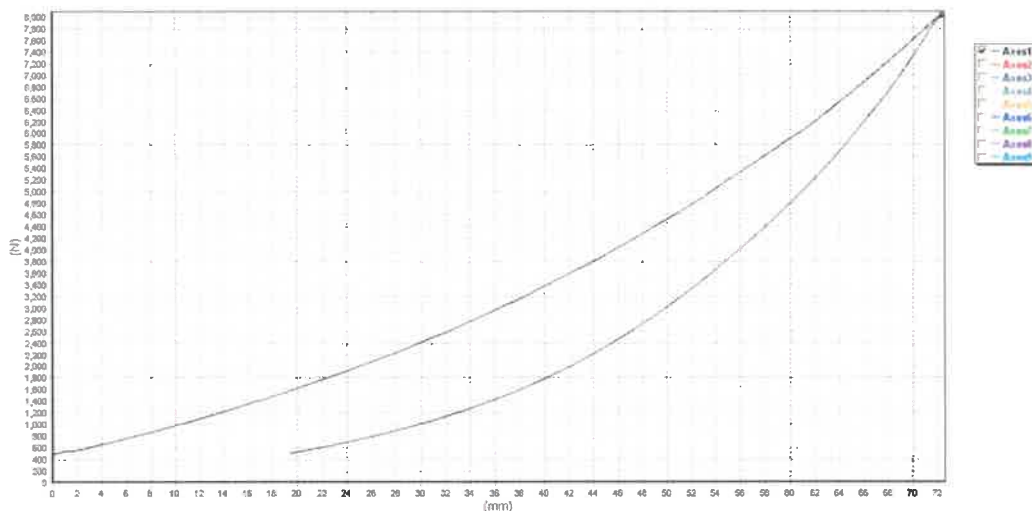
## 3.3.1.2 Ensayo a 0° con top tether / Test to 0° with top tether

Ángulo de las fuerzas de tracción respecto a la horizontal:  $10^\circ \pm 5^\circ$   
*Angle of traction forces with regard to the horizontal line:  $10^\circ \pm 5^\circ$*

Tiempo de accionamiento de las cargas límite sobre anclajes:  $t > 0.2$  s.  
*Actuation time of limit forces on anchorages:  $t > 0.2$  s.*

	Carga Mínima / Minimum load (daN)	Carga Alcanzada / Attained load (daN)	Desplazamiento / Displacement (mm)
Lado derecha / Right side	$800 \pm 25$	809.3	$72.42 < 125$

Cumple / Fulfils



Gráfica 2 ISOFIX 0° con Top Tether / ISOFIX 0° with Top Tether

CN21090139

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**Ilustración 2 ISOFIX 0° con Top Tether / ISOFIX 0° with Top Tether**

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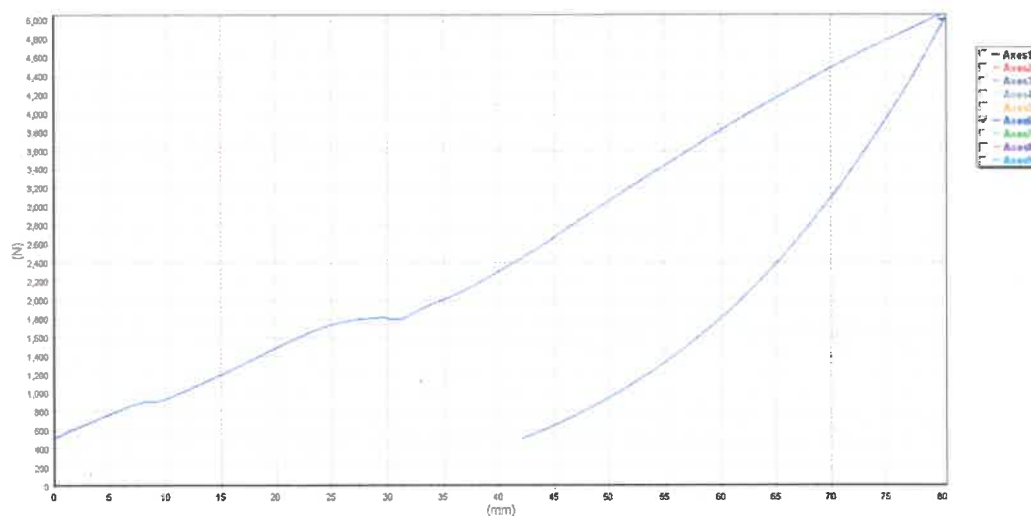
## 3.3.1.3 Ensayo a 75° / Test to 75°

Ángulo de las fuerzas de tracción respecto a la horizontal:  $0^\circ \pm 5^\circ$   
*Angle of traction forces with regard to the horizontal line:  $0^\circ \pm 5^\circ$*

Tiempo de accionamiento de las cargas límite sobre anclajes:  $t > 0.2$  s.  
*Actuation time of limit forces on anchorages:  $t > 0.2$  s.*

	Carga Mínima / Minimum load (daN)	Carga Alcanzada / Attained load (daN)	Desplazamiento / Displacement (mm)
Lado derecho / Right side	$500 \pm 25$	506	$79.79 < 125$

Cumple / Fulfils



Gráfica 3 ISOFIX 75° / ISOFIX 75°

- \* LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA.  
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**Ilustración 3 ISOFIX 75° / ISOFIX 75°**

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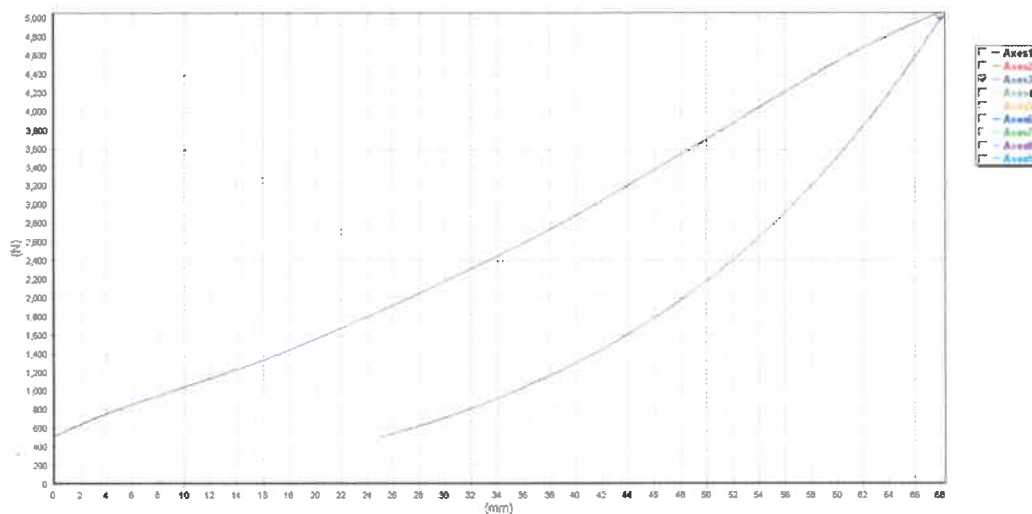
3.3.1.4 Ensayo a  $-75^\circ$  / Test to  $-75^\circ$ 

Ángulo de las fuerzas de tracción respecto a la horizontal:  $0^\circ \pm 5^\circ$   
 Angle of traction forces with regard to the horizontal line:  $0^\circ \pm 5^\circ$

Tiempo de accionamiento de las cargas límite sobre anclajes:  $t > 0.2$  s.  
 Actuation time of limit forces on anchorages:  $t > 0.2$  s.

	Carga Mínima / Minimum load (daN)	Carga Alcanzada / Attained load (daN)	Desplazamiento / Displacement (mm)
Lado derecho / Right side	$500 \pm 25$	506.1	$67.75 < 125$

Cumple / Fulfils

Gráfica 4 ISOFIX  $-75^\circ$  / ISOFIX  $-75^\circ$ 

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**Ilustración 4 ISOFIX -75° / ISOFIX -75°**

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- 
- \* LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA.  
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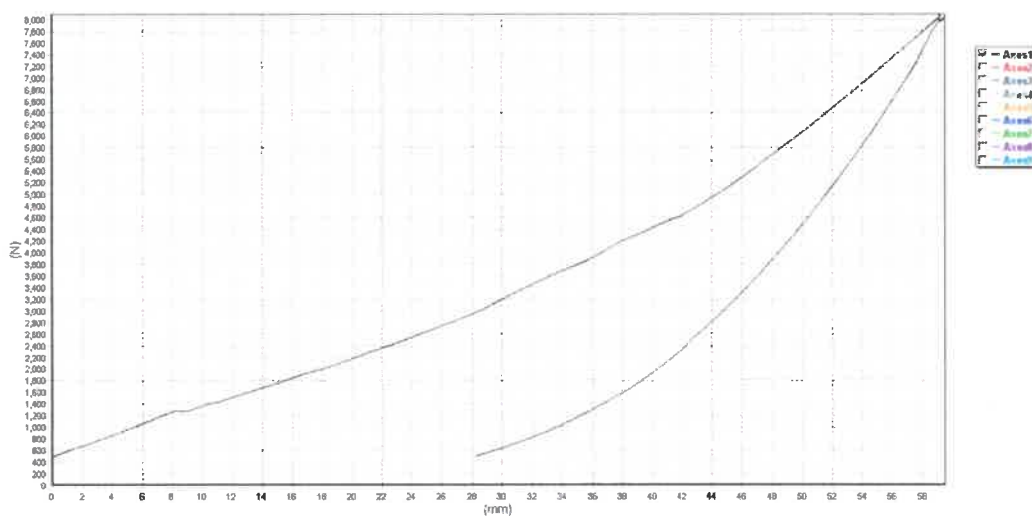
## 3.3.1.5 i-Size / i-Size

Ángulo de las fuerzas de tracción respecto a la horizontal:  $10^\circ \pm 5^\circ$   
*Angle of traction forces with regard to the horizontal line:  $10^\circ \pm 5^\circ$*

Tiempo de accionamiento de las cargas límite sobre anclajes:  $t > 0.2$  s.  
*Actuation time of limit forces on anchorages:  $t > 0.2$  s.*

	Carga Mínima / Minimum load (daN)	Carga Alcanzada / Attained load (daN)	Desplazamiento / Displacement (mm)
Lado derecho / Right side	$800 \pm 25$	809.2	$59.23 < 125$

Cumple / Fulfils



Gráfica 5 i-Size / i-Size

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**Ilustración 5 i-Size / i-Size**

- 
- \* LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA.  
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3.3.2 2ª fila / 2<sup>nd</sup> row

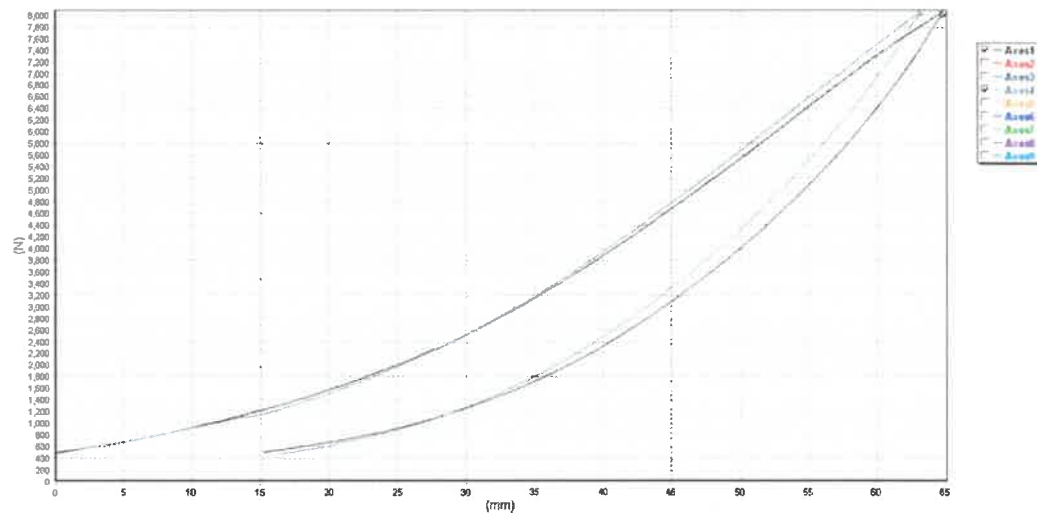
## 3.3.2.1 Ensayo a 0° / Test to 0°

Ángulo de las fuerzas de tracción respecto a la horizontal:  $10^\circ \pm 5^\circ$   
*Angle of traction forces with regard to the horizontal line:  $10^\circ \pm 5^\circ$*

Tiempo de accionamiento de las cargas límite sobre anclajes:  $t > 0.2$  s.  
*Actuation time of limit forces on anchorages:  $t > 0.2$  s.*

	Carga Mínima / Minimum load (daN)	Carga Alcanzada / Attained load (daN)	Desplazamiento / Displacement (mm)
Lado izquierdo / Left side (rear the driver)	$800 \pm 25$	809.0	$64.81 < 125$
Lado derecho / Right side	$800 \pm 25$	808.7	$63.13 < 125$

Cumple / Fulfils



Gr á fica 6 ISOFIX 02 / ISOFIX 02

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Ilustración 6 ISOFIX 0° / ISOFIX 0°

- 
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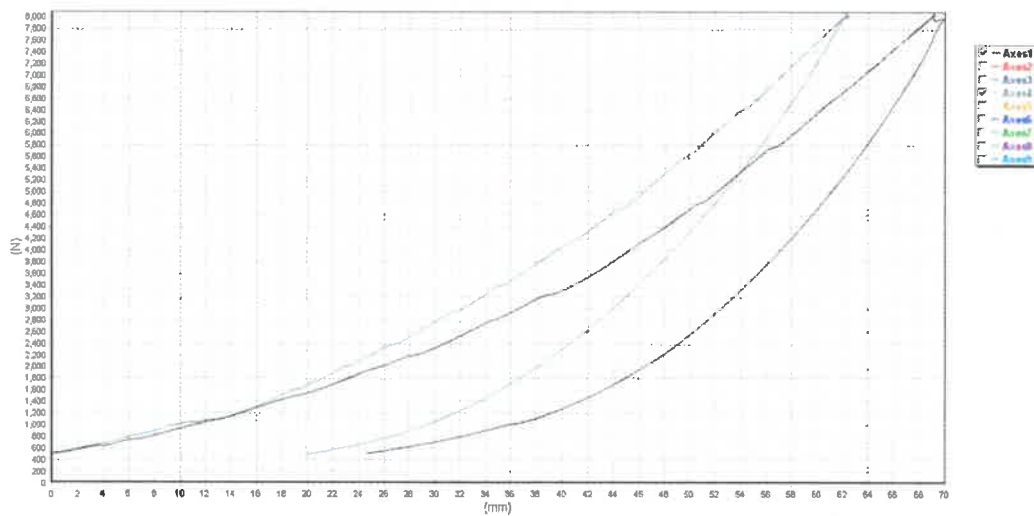
## 3.3.2.2 Ensayo a 0° con top tether / Test to 0° with top tether

Ángulo de las fuerzas de tracción respecto a la horizontal:  $10^\circ \pm 5^\circ$   
*Angle of traction forces with regard to the horizontal line:  $10^\circ \pm 5^\circ$*

Tiempo de accionamiento de las cargas límite sobre anclajes:  $t > 0.2$  s.  
*Actuation time of limit forces on anchorages:  $t > 0.2$  s.*

	Carga Mínima / Minimum load (daN)	Carga Alcanzada / Attained load (daN)	Desplazamiento / Displacement (mm)
Lado izquierdo / Left side (rear the driver)	$800 \pm 25$	808.4	$69.24 < 125$
Lado derecho / Right side	$800 \pm 25$	809.3	$62.31 < 125$

Cumple / Fulfils



Gráfica 7 ISOFIX 0° con Top Tether / ISOFIX 0° with Top Tether

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**Ilustración 7 ISOFIX 0° con Top Tether / ISOFIX 0° with Top Tether**

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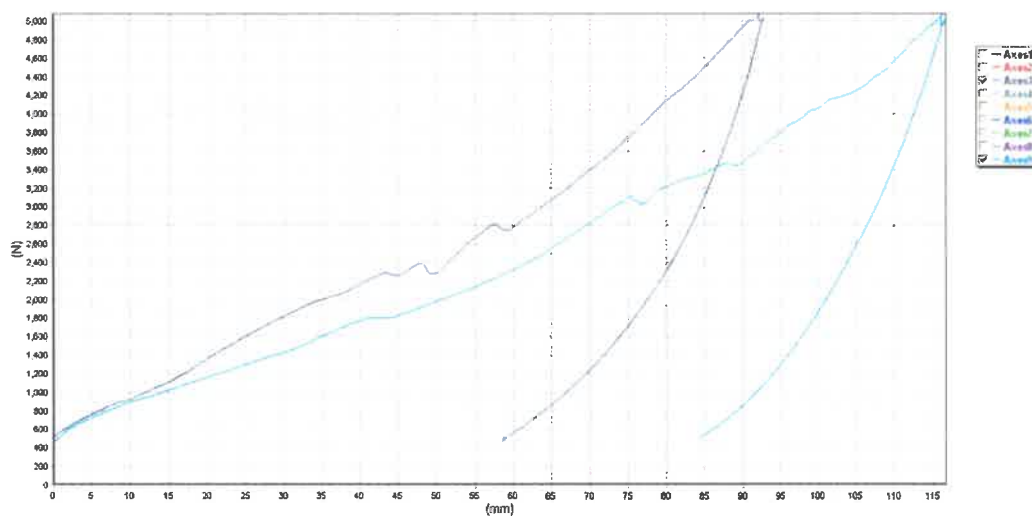
## 3.3.2.3 Ensayo a 75° / Test to 75°

Ángulo de las fuerzas de tracción respecto a la horizontal:  $0^\circ \pm 5^\circ$   
*Angle of traction forces with regard to the horizontal line:  $0^\circ \pm 5^\circ$*

Tiempo de accionamiento de las cargas límite sobre anclajes:  $t > 0.2$  s.  
*Actuation time of limit forces on anchorages:  $t > 0.2$  s.*

	Carga Mínima / Minimum load (daN)	Carga Alcanzada / Attained load (daN)	Desplazamiento / Displacement (mm)
Lado izquierdo / Left side (rear the driver)	$500 \pm 25$	507.5	$92.11 < 125$
Lado derecho / Right side	$500 \pm 25$	506.4	$116.11 < 125$

Cumple / Fulfils



Gráfica 8 ISOFIX 75° / ISOFIX 75°

- \* LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA.  
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**Ilustración 8 ISOFIX 75° / ISOFIX 75°**

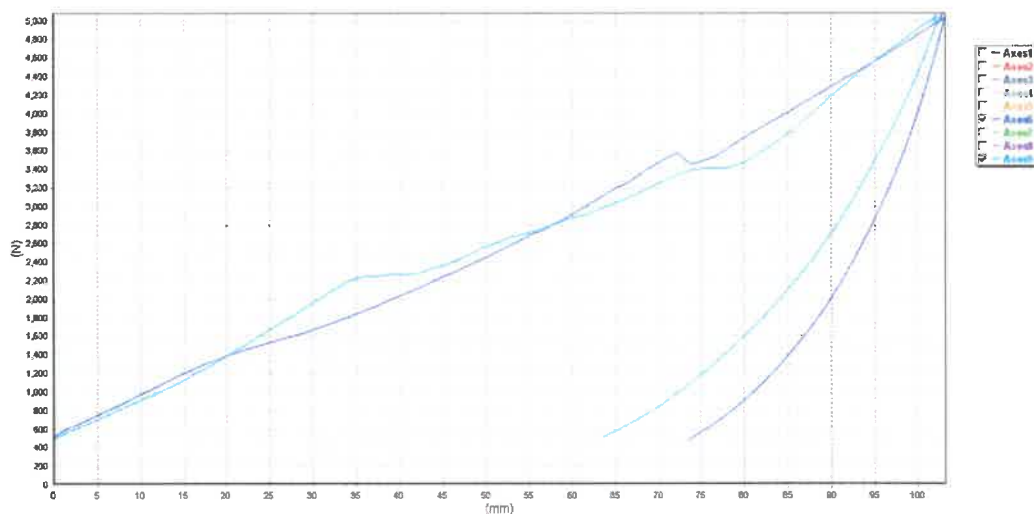
3.3.3.4 Ensayo a  $-75^\circ$  / Test to  $-75^\circ$ 

Ángulo de las fuerzas de tracción respecto a la horizontal:  $0^\circ \pm 5^\circ$   
*Angle of traction forces with regard to the horizontal line:  $0^\circ \pm 5^\circ$*

Tiempo de accionamiento de las cargas límite sobre anclajes:  $t > 0.2$  s.  
*Actuation time of limit forces on anchorages:  $t > 0.2$  s.*

	Carga Mínima / Minimum load (daN)	Carga Alcanzada / Attained load (daN)	Desplazamiento / Displacement (mm)
Lado izquierdo / Left side (rear the driver)	$500 \pm 25$	508.1	$102.82 < 125$
Lado derecho / Right side	$500 \pm 25$	506.7	$102.26 < 125$

Cumple / Fulfils

Gráfica 9 ISOFIX  $-75^\circ$  / ISOFIX  $-75^\circ$ 

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**Ilustración 9 ISOFIX -75° / ISOFIX -75°**

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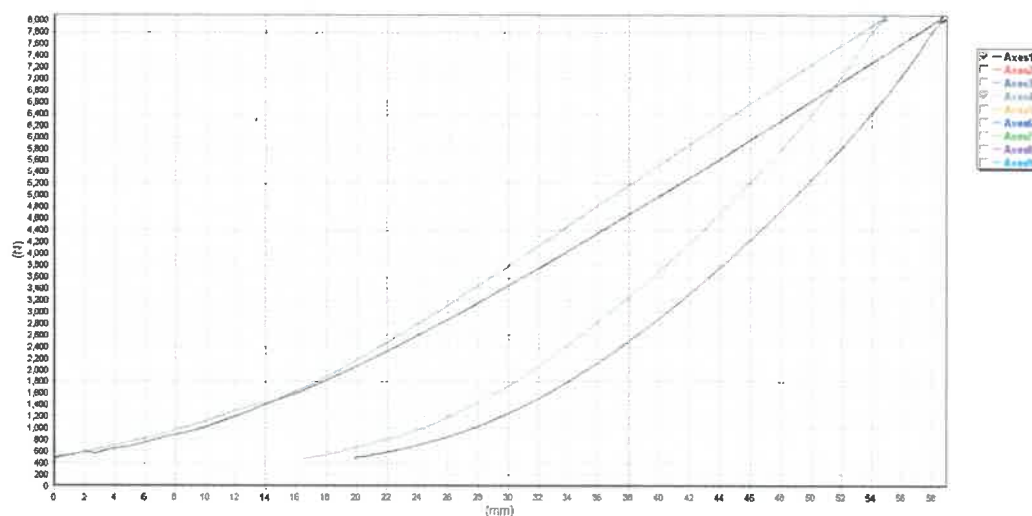
## 3.3.2.5 i-Size / i-Size

Ángulo de las fuerzas de tracción respecto a la horizontal:  $10^\circ \pm 5^\circ$   
*Angle of traction forces with regard to the horizontal line:  $10^\circ \pm 5^\circ$*

Tiempo de accionamiento de las cargas límite sobre anclajes:  $t > 0.2$  s.  
*Actuation time of limit forces on anchorages:  $t > 0.2$  s.*

	Carga Mínima / Minimum load (daN)	Carga Alcanzada / Attained load (daN)	Desplazamiento / Displacement (mm)
Lado izquierdo / Left side (rear the driver)	$800 \pm 25$	808.3	$58.66 < 125$
Lado derecho / Right side	$800 \pm 25$	809.5	$54.87 < 125$

Cumple / Fulfils



Gráfica 10 i-Size / i-Size

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Ilustración 10 i-Size / i-Size

#### 4. Resultado / Result

El vehículo cumple con las prescripciones definidas en el Reglamento UN N° 145R00/00

*The vehicle fulfils with the prescriptions defined in the UN Regulation No 145R00/00.*

Lugar del ensayo / *Place of test*: CAERI (Chongqing, China)

Fecha del ensayo / *Date of test*: 17/02/2022

Allen Shen

Fei(allen) Shen  
INGENIERO DE HOMOLOGACIONES  
HOMOLOGATION ENGINEER

- \* LOS RESULTADOS PRESENTADOS SE REFIEREN UNICAMENTE A LA MUESTRA ENSAYADA.  
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DOCUMENTACIÓN TÉCNICA /  
*TECHNICAL DOCUMENTATION*





## UN Regulation No. 145

### UNIFORM PROVISIONS CONCERNING THE APPROVAL OF VEHICLES WITH REGARD TO ISOFIX ANCHORAGE SYSTEMS ISOFIX TOP TETHER ANCHORAGES AND I-SIZE SEATING POSITIONS

#### Vehicle Type: SC2E

We declare that the specimens submitted for this approval test have been manufactured and assembled on conditions of ordinary mass production and that they are compatible with enclosed documentation.

Product Manager: Du Kuishan

Extension No.	Date	Amendments Until	Previous Certificate Approval No.	Edited By
00	2021-06-01	00 series	N/A (original )	Yan Weichao
xx	xxxx-xx-xx	Suppl. xx to xx series	xxxx	xxxx

Reasons for Extension and/or Revision:

- 1.xxxx
- 2.xxxx

Remark: For the latest extension / revision (correction), the modified information or/and drawings are clearly marked with underscores and bold fonts.

— end —



0	<b>GENERAL</b>	
0.1.	Make (trade name of manufacturer):	BYD
0.2.	Type:	SC2E
0.2.1.	Commercial name(s), if available:	Y PLUS, Y Plus, YUAN PLUS, YUAN PLUS EV, Yuan Plus, Yuan Plus EV, S1 PLUS, S1 PLUS EV, S1 Plus, S1 Plus EV, S2 PLUS, S2 PLUS EV, S2 Plus, S2 Plus EV, S3 PLUS, S3 PLUS EV, S3 Plus, S3 Plus EV, BYD BEST, BYD BEST EV, BYD Best, BYD Best EV, BYD LIN, BYD LIN EV, BYD Lin, BYD Lin EV, BYD VELA, BYD VELA EV, BYD Vela, BYD Vela EV, ZERO 3, ZERO 4, E-SEED, ESEED, YUAN, BLADE 03, BLADE 04, Vali 3, ATTO 3
0.2.2.	Variants:	SC2E-1, SC2E-2
0.3.	Means of identification of type, if marked on the vehicle:	The positions 4 to 6 of the VIN
0.3.1.	Location of that marking:	At the vehicle fixed identification number, as well as on the manufacturer's plate
0.4.	Category of vehicle:	M1
0.5.	Company name and address of manufacturer:	Name: BYD AUTO CO., LTD. Address: No.1 West Qinling Avenue, Caotang Science & Technology Industrial Park, Hi-Tech Zone 710311, Xi'an, SHAANXI, CHINA
0.8.	Address(es) of assembly plant(s):	Plant 1: Name: BYD AUTO CO., LTD. Address: No.1 West Qinling Avenue, Caotang Science & Technology Industrial Park, Hi-Tech Zone 710311, Xi'an, SHAANXI, CHINA Plant 2: Name: BYD AUTO CO., LTD. Address: No. 2 Yadi Road, The New-Type Industrial Park, Xi'an National Hi-Tech Industrial Development Zone, 710119, Xi'an, SHAANXI, CHINA Plant 3: Name: BYD AUTO CO., LTD. Address: 213136 No. 999 Huanghe West Road, Xinbei District, Changzhou, Jiangsu Province, P.R. China Plant 4: Name: BYD Auto Industry Co., Ltd. Changsha Branch Address: 410116 No.88, East huanbao Road, Yuhua Zone, Changsha City, Hunan Province, China
0.9.	Name and address of the manufacturer's representative (if any):	Name: Byd Europe B.V. Address: 's-Gravelandseweg 256, 3125 BK Schiedam, the Netherlands
0.10.	Position of fixing the approval marks:	Inside of the engine compartment, optionally on pillar A, B or C left or optionally right side
1	<b>GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE</b>	
1.1	Photographs and/or drawings of a	



	representative vehicle:	See A-1
9	<b>BODYWORK</b>	
9.10.3	Seats	
9.10.3.1	Number of seating positions:	5
9.10.3.1.1	Location and arrangement:	2 front, 3 rear
9.10.3.2	Seat(s) designated for use only when the vehicle is stationary:	N/A
9.10.3.3	Mass:[kg]	<i>Driver' s seat:</i> electric: 20.5kg. manual: 17.5kg <i>Front passenger seat:</i> electric: 19.5kg. manual: 17.5kg <i>Second row seats:</i> Seat back (left and middle) : 13.4kg. Seat back (right) : 7.5kg Seat cushion: 6 kg
9.10.3.4	Characteristics: For seats not type approved as components, description and drawings of	
9.10.3.4.1	The seats and their anchorages:	<i>First row seats:</i> Individual seats are fitted on the floor with bolts. <i>Second row seats:</i> Seat back and seat cushion is respectively fixed on the floor with bolts. See D-1-2, D-1-2.1, D-1-3.1, D-1-3.2, D-1-3.3, D-1-3.4, D-1-4.1, D-1-4.2, D-1-4.3, D-1-4.4, D-1-5.1, D-1-3.1.1, D-1-3.2.2, D-1-3.3.3, D-1-3.4.4, D-1-4.1.1, D-1-4.2.2, D-1-4.3.3, D-1-4.4.4, D-1-5.1.1, D-1-6.1, D-1-6.2
9.10.3.4.2	The adjustment system:	<i>Driver' s seat:</i> Longitudinal horizontal slide rail adjuster, vertical height link mechanism adjuster and backrest angle spiral spring adjuster. <i>Front passenger seat:</i> Longitudinal horizontal slide rail adjuster and backrest angle spiral spring adjuster. <i>Second row seats:</i> Unadjustable See D-1-7.1, D-1-7.2, D-1-7.3, D-1-7.4
9.10.3.4.3	The displacement and locking systems:	Slide rail, link mechanism, spiral spring with ratchet lock. See D-1-7.1, D-1-7.2, D-1-7.3, D-1-7.4
9.10.3.4.4	The seat belt anchorages (if incorporated in the seat structure)	See 9.13
9.10.3.6	Design torso angle of:	
9.10.3.6.1	Driver's seat:	23°
9.10.3.6.2	All other seating positions:	Front seat: 23° Rear seat: 27° (outside), 27° (middle)
9.10.3.7	Range of seat adjustment of:	
9.10.3.7.1	Driver's seat:	Longitudinal horizontal: 260mm Vertical height: 65mm Backrest angle: 75°
9.10.3.7.2	All other seating positions:	<i>Front passenger seat:</i> Longitudinal horizontal: 260mm



				Backrest angle: 75°	
9.12	Safety belts and/or other restraint systems				
9.12.1	Number and position of safety belts and restraint systems and seats on which they can be used: (R = right-hand seat, c = centre seat, L = left-hand seat)				
	Seat row	Seat position	Complete EC/ECE type approval mark	Variant, if applicable	Belt adjustment device for height
	1	L	E4*16R08*02*46817*00	No	Yes
		R	E4*16R08*02*46817*00	No	Yes
	2	L	E4*16R08*02*46818*00	No	No
		C	E4*16R08*02*46819*00	No	No
		R	E4*16R08*02*46818*00	No	No
9.13	Safety belt anchorages				
9.13.1	Photographs and/or drawings of the bodywork showing the position and dimensions of the actual and the effective anchorages including the R- points:			See D-1-1.1, D-1-1.2, B-2-1, B-2-2	
9.13.2	Drawings of the belt anchorages and parts of the vehicle structure where they are attached (with the material indication):			See B-2-1.1, B-2-2.1	
9.13.3	Designation of the types of safety belts authorized for fitting to the anchorages with which the vehicle is equipped:				
	Row	Seat	Anchorage position	Anchorage location	
				Vehicle structure	Seat structure
	First row of seats	Right-hand seat	Lower outboard anchorage	Are	—
			Lower inboard anchorage	—	Are
			Upper anchorage(s)	Are	—
		Center seat	Lower outboard anchorage	N/A	N/A
			Lower inboard anchorage	N/A	N/A
			Upper anchorage(s)	N/A	N/A
		Left-hand seat	Lower outboard anchorage	Are	—
			Lower inboard anchorage	—	Are
			Upper anchorage(s)	Are	—
	Second row of seats	Right-hand seat	Lower outboard anchorage	Are	—
			Lower inboard anchorage	Are	—
			Upper anchorage(s)	Are	—
		Center seat	Lower right anchorage	Ar	—
			Lower left anchorage	Ar	—
			Upper anchorage(s)	—	Ar
		Left-hand seat	Lower outboard anchorage	Are	—
			Lower inboard anchorage	Are	—
			Upper anchorage(s)	Are	—
9.13.4	Description of a particular type of safety belt where an anchorage is located in the seat backrest or incorporates an energy dissipating device:			The upper anchorage of the centre seat of the second row is located in the seat backrest.	
9.13.5	Drawing and/or photographs of the ISOFIX anchorages systems, of the top tether anchorages, if any, and of the vehicle structure:			See D-1-5.1.2, D-1-5.1.3, D-1-5.1.4,D-1-5.1.5	
9.13.6	Specification of the materials used which				

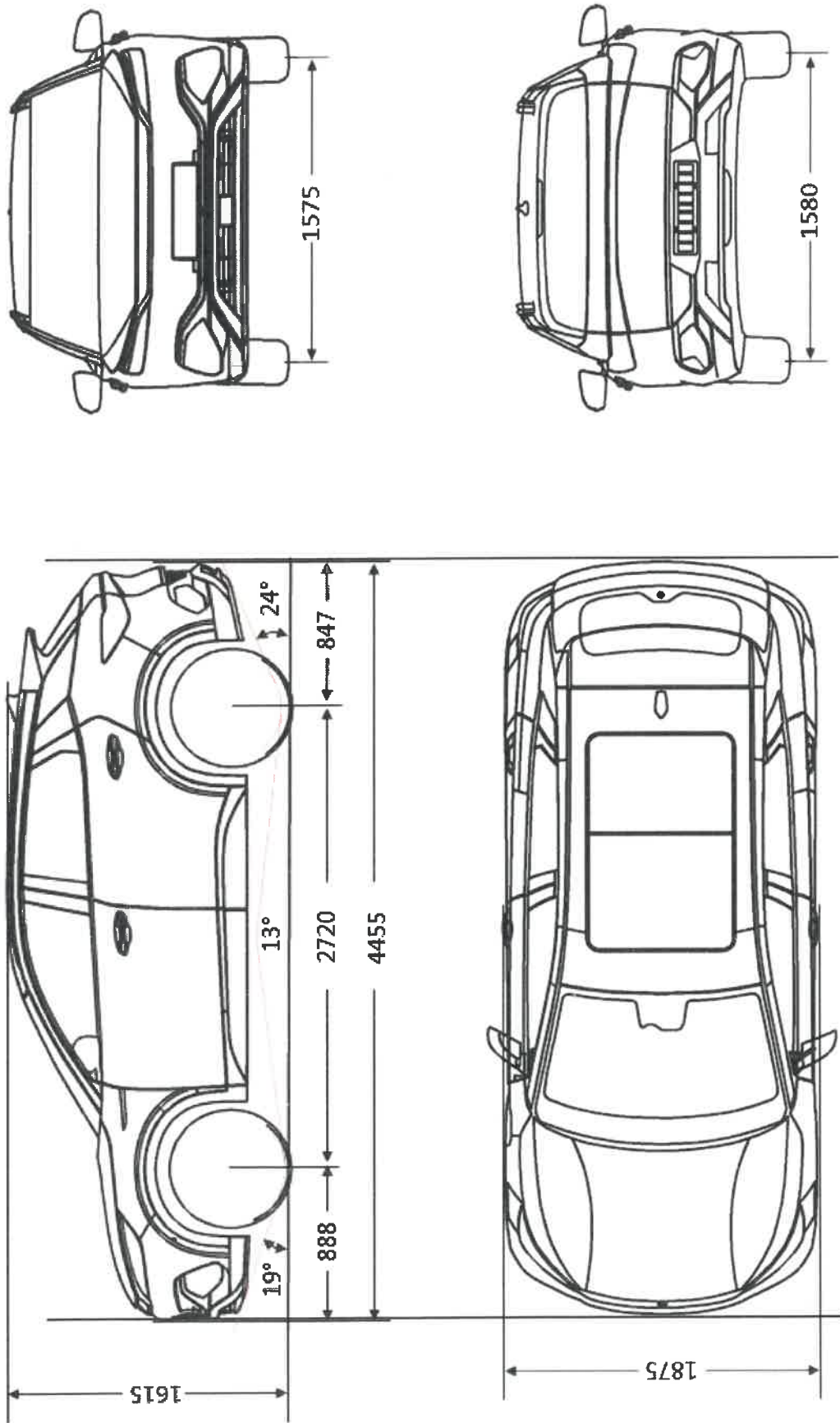
	may affect the strength of the ISOFIX anchorages systems, ISOFIX top tether anchorages and the vehicle floor contact surface:	See D-1-5.1.1,D-1-6.2
9.13.7	Technical description of the ISOFIX anchorages systems and ISOFIX top tether anchorages:	See D-1-5.1.2, D-1-5.1.3, D-1-5.1.4,D-1-5.1.5
9.13.8	In the case of the ISOFIX anchorages systems and of ISOFIX top tether anchorages if any affixed to the seat structure:	Yes
9.13.8.1	Detailed description of the vehicle type with regard to the design of the seats, of the seat anchorages and of their adjustment and locking systems;	See D-1-2, D-1-2.1, D-1.5.1.1
9.13.8.2	Drawings, on an appropriate scale and in sufficient detail, of the seats, of their anchorage to the vehicle, and of their adjustment and locking systems.	See D-1-2, D-1-2.1, D-1.5.1.1

— end —



NO.	ENCLOSURES
1	A-1
2	D-1-2
3	D-1-2.1
4	D-1-3.1
5	D-1-3.2
6	D-1-3.3
7	D-1-3.4
8	D-1-4.1
9	D-1-4.2
10	D-1-4.3
11	D-1-4.4
12	D-1-5.1
13	D-1-3.1.1
14	D-1-3.2.2
15	D-1-3.3.3
16	D-1-3.4.4
17	D-1-4.1.1
18	D-1-4.2.2
19	D-1-4.3.3
20	D-1-4.4.4
21	D-1-6.1
22	D-1-5.1.1
23	D-1-6.2
24	D-1-7.1
25	D-1-7.2
26	D-1-7.3
27	D-1-7.4
28	D-1-1.1
29	D-1-1.2
30	B-2-1
31	B-2-1.1
32	B-2-2
33	B-2-2.1
34	D-1-5.1.2
35	D-1-5.1.3
36	D-1-5.1.4
37	D-1-5.1.5

— end —



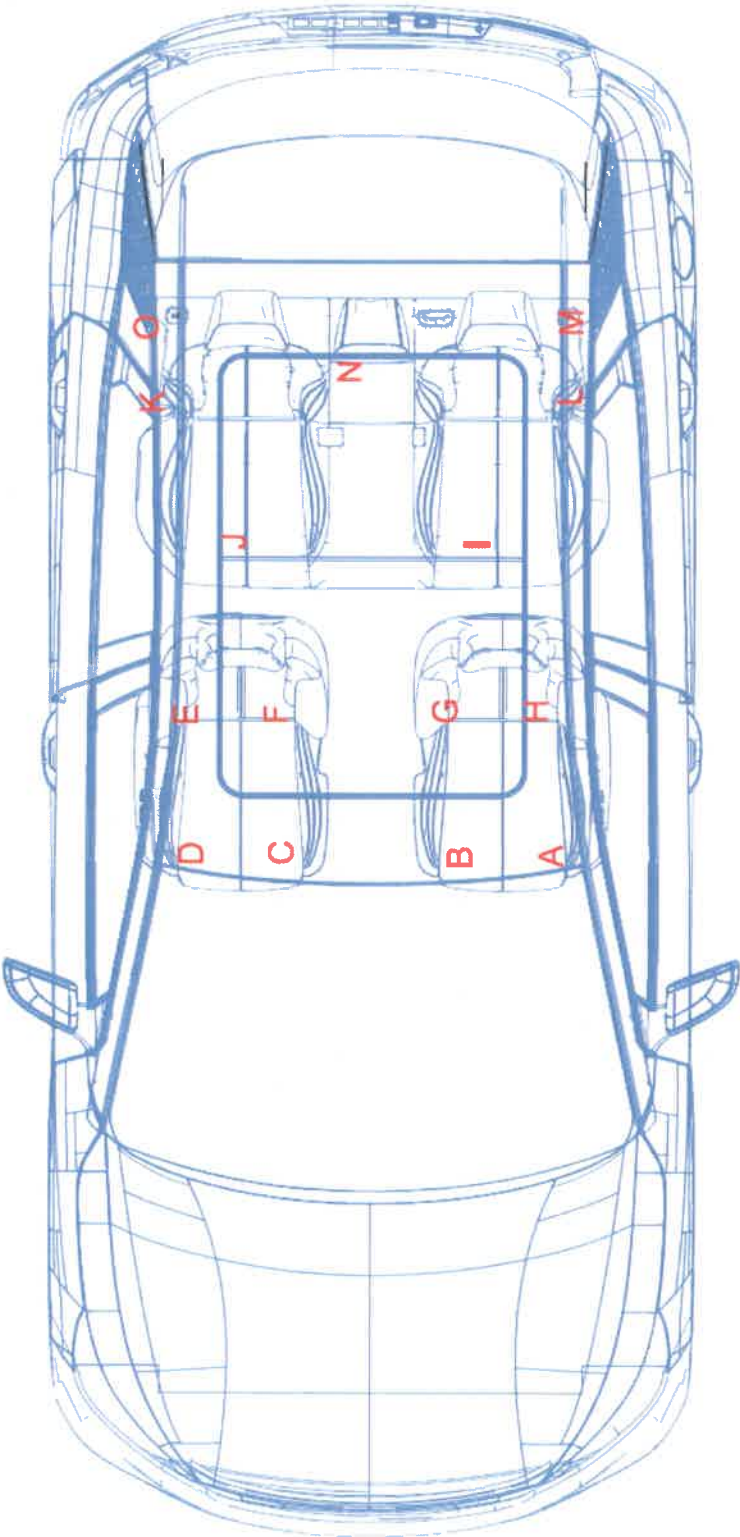
Drawing of a representative vehicle and its general dimension

BYD AUTO

2021-06-01

A-1





Location of the seats' anchorages

D-1-2

2021-06-01

BYD AUTO





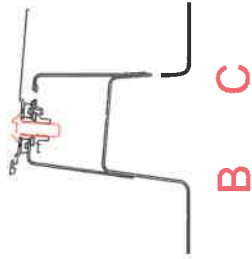
bolt M10x1.25x27



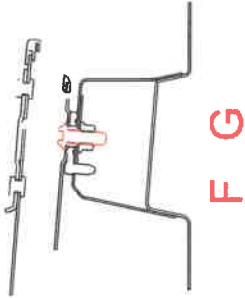
bolt M10x1.25x20



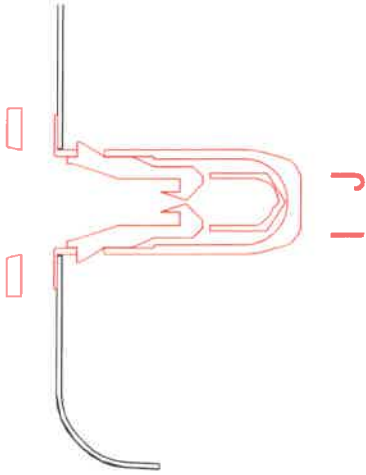
bolt M10x1.25x14.5



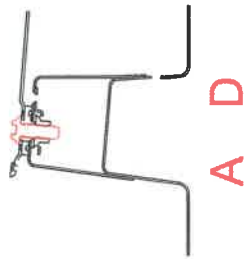
B C



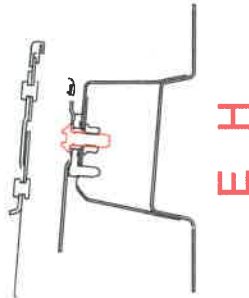
F G



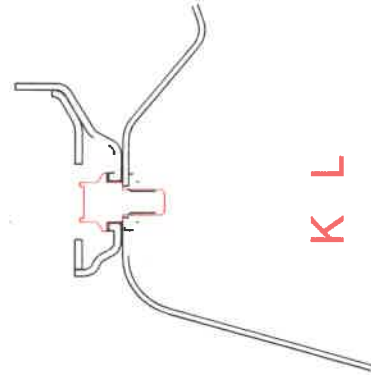
I J



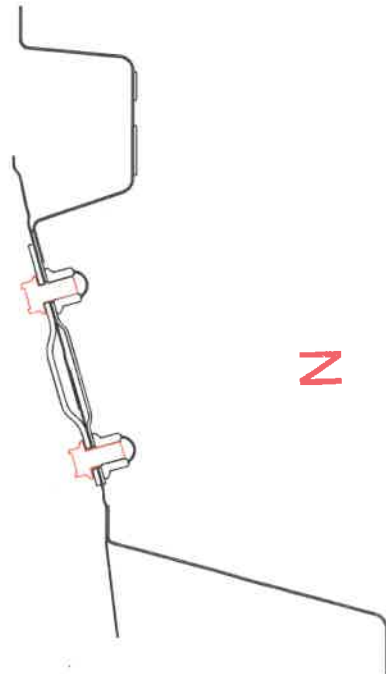
A D



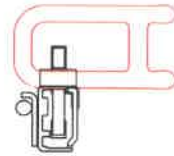
E H



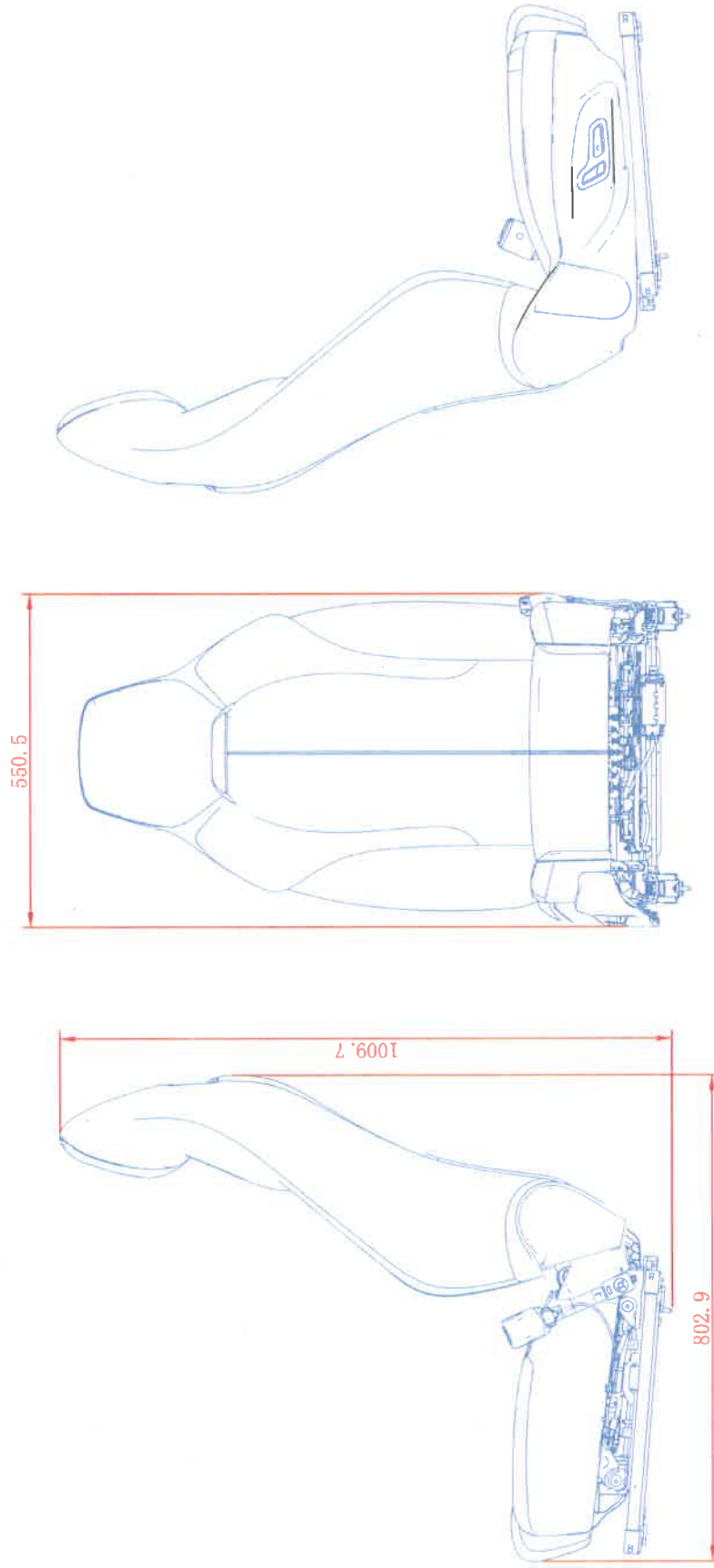
K L



N



M O



Electric driver's seat(right-hand)

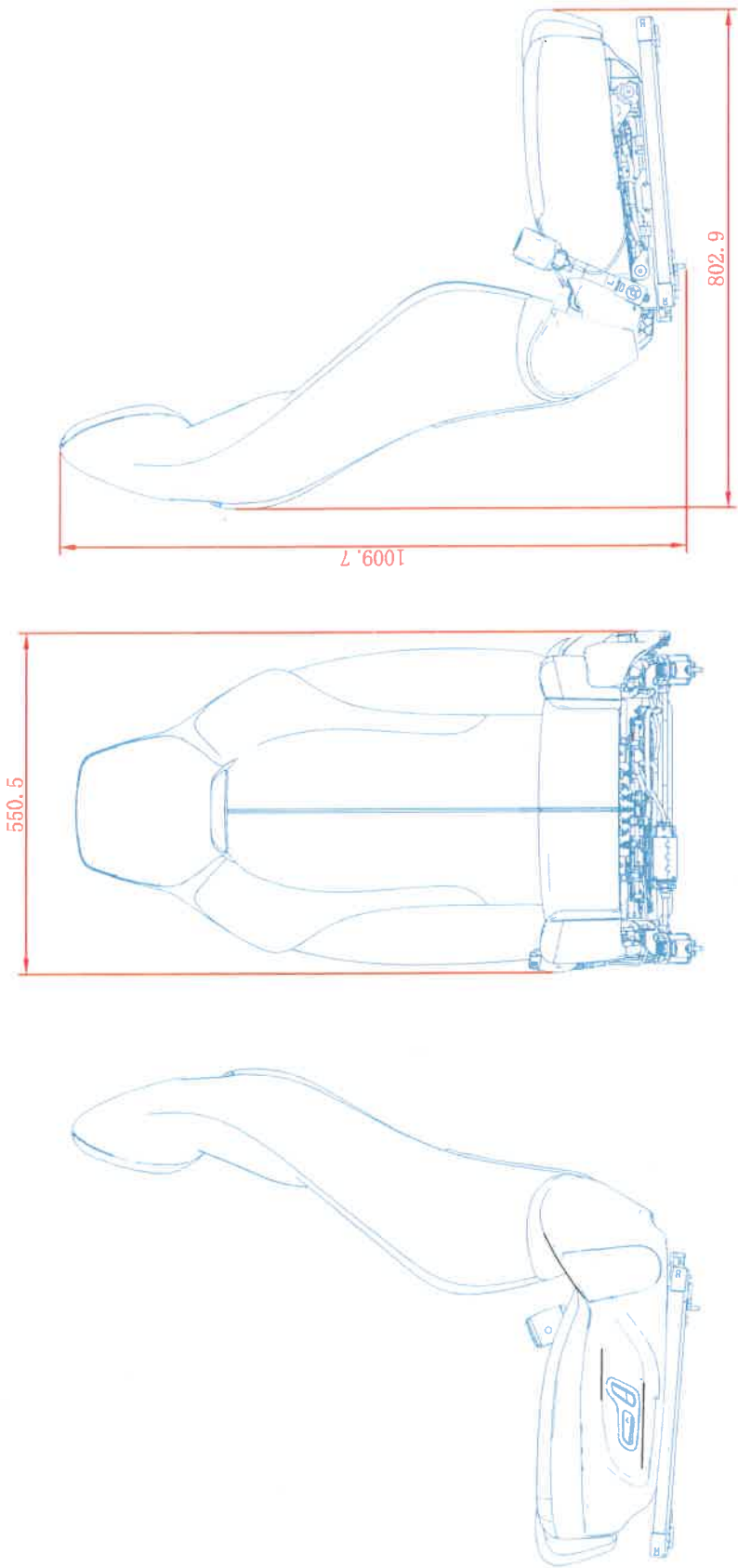
D-1-3.1

2021-06-01

BYD AUTO

IDIADA

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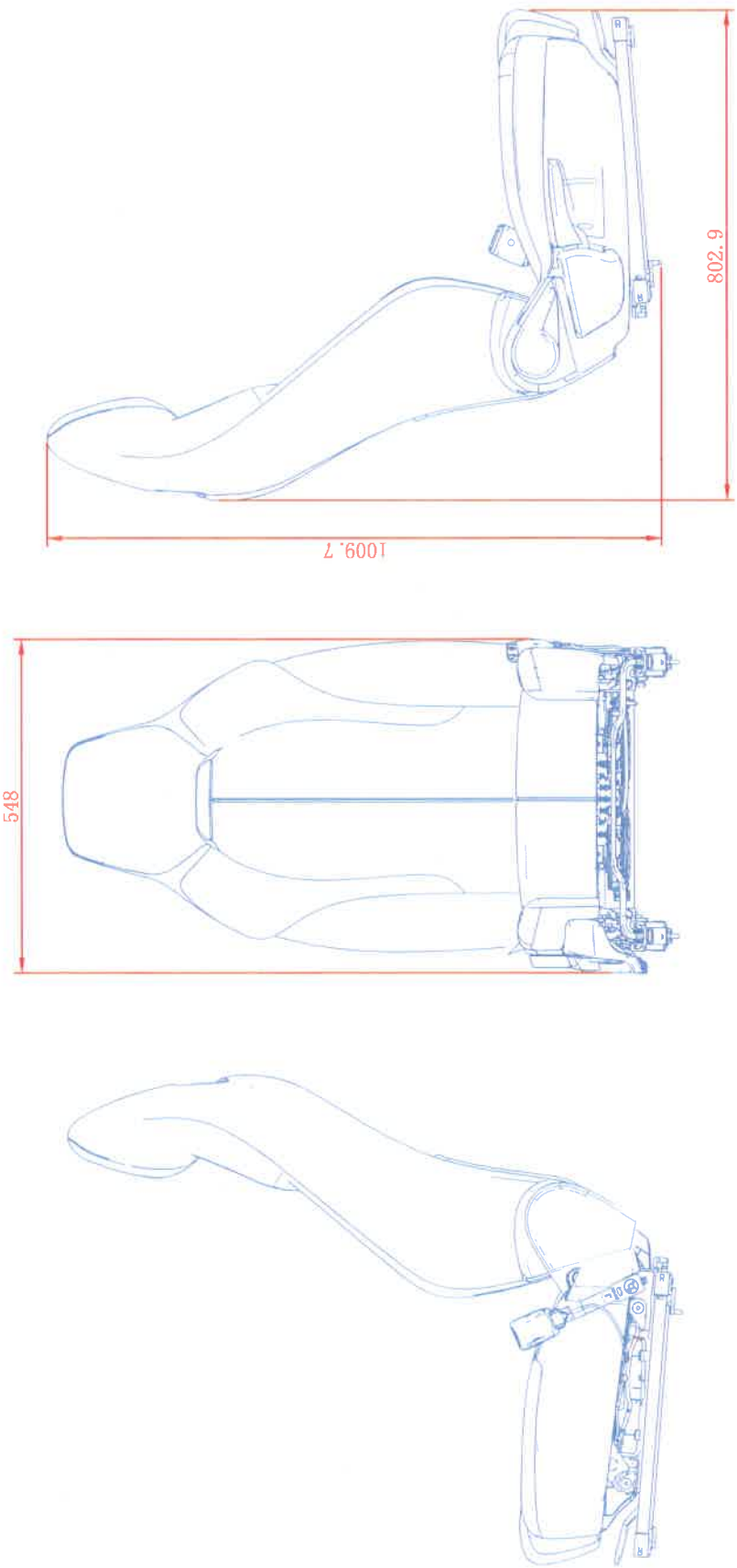


Electric driver's seat(left-hand)

D-1-3.2

2021-06-01

BYD AUTO

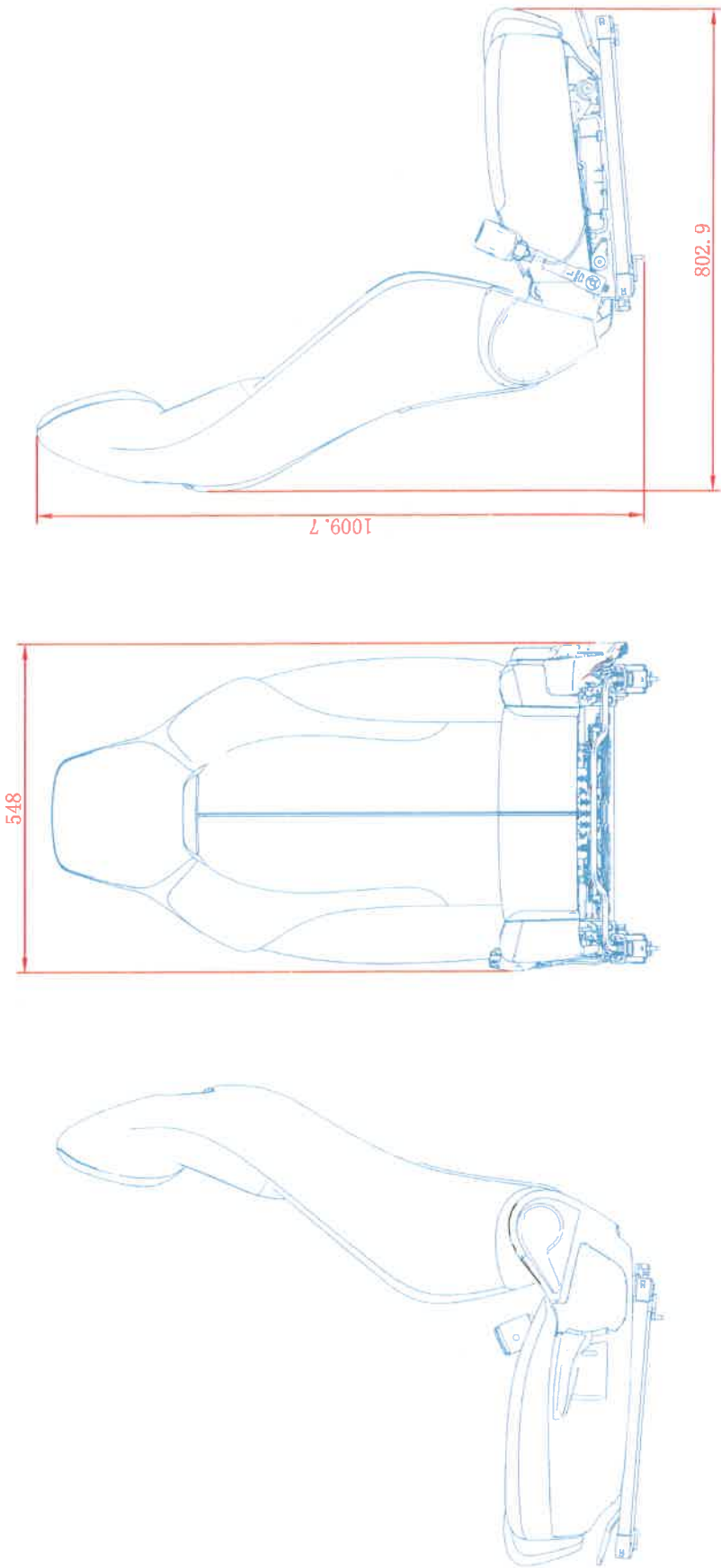


Manual driver's seat(right-hand)

D-1-3.3

2021-06-01

BYD AUTO

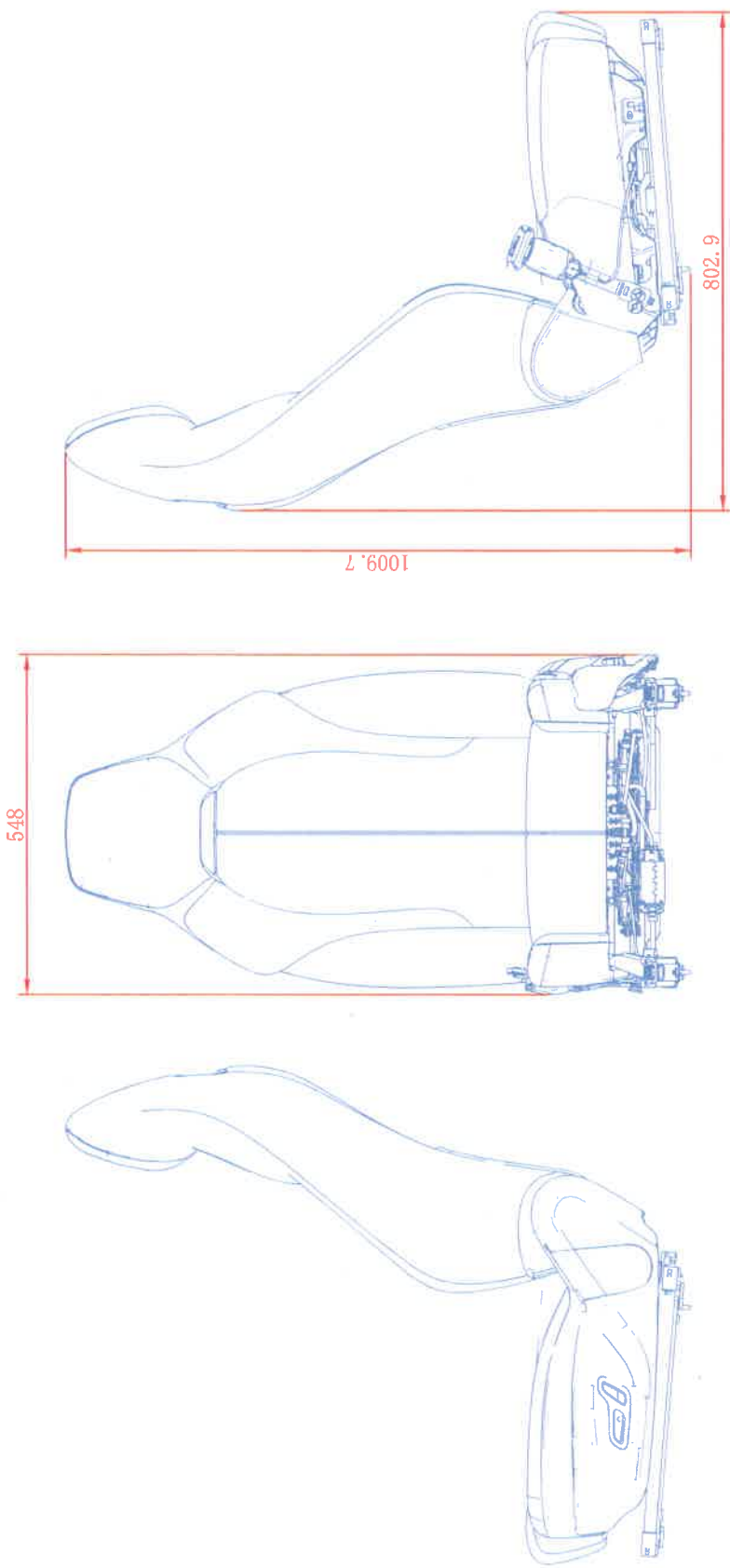


Manual driver's seat(left-hand)

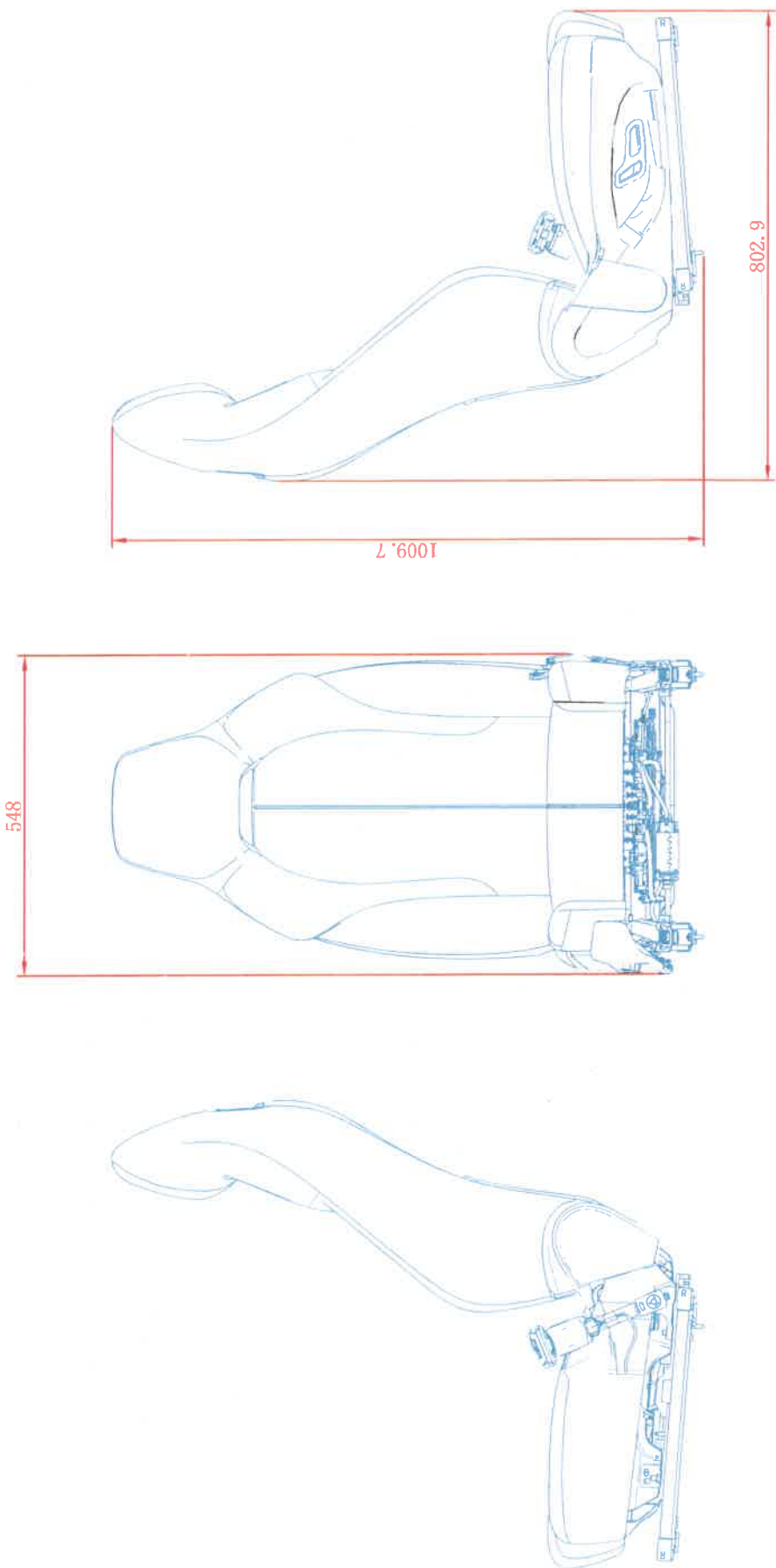
D-1-3.4

2021-06-01

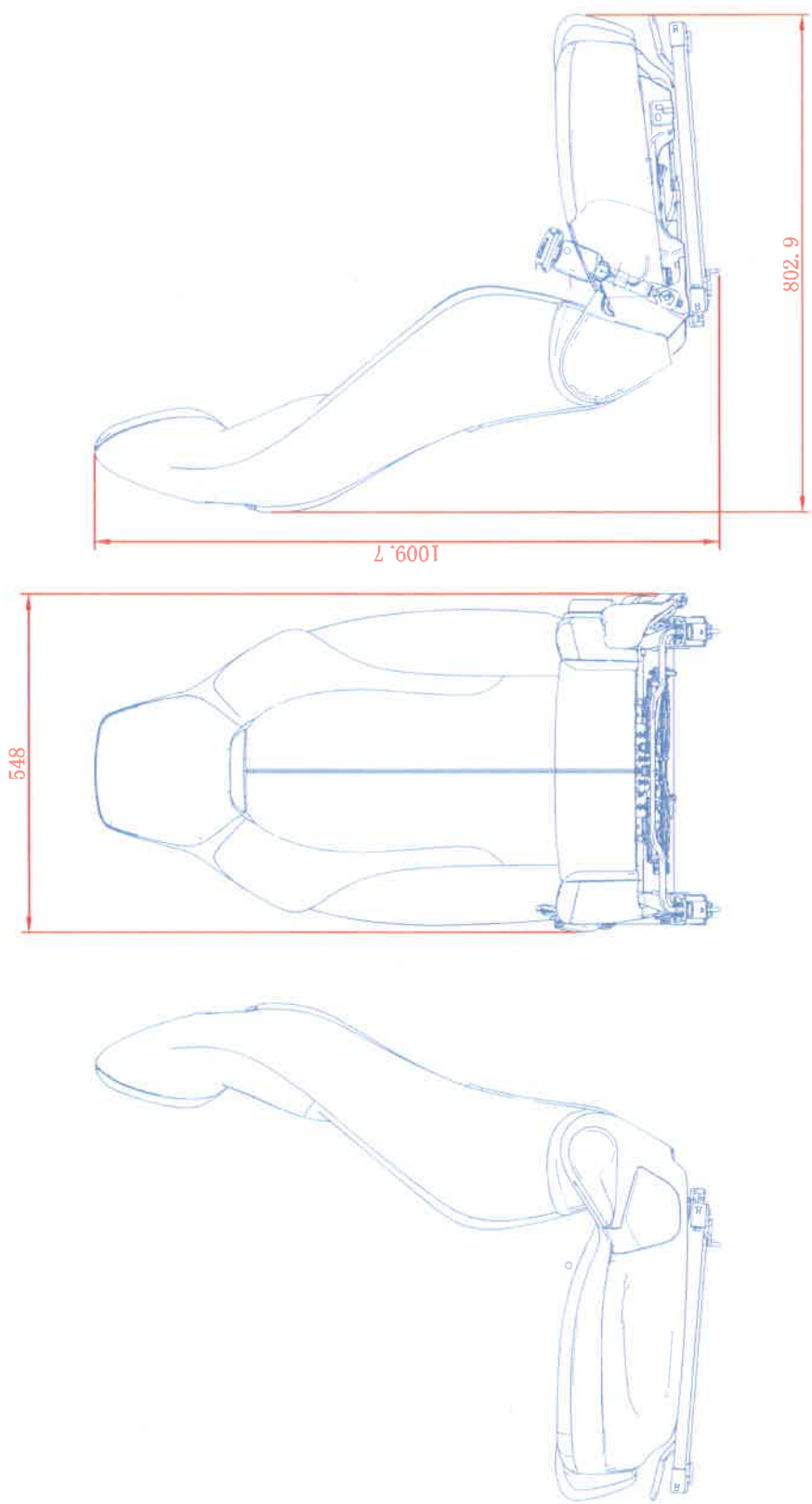
BYD AUTO



BYD AUTO	2021-06-01	D-1-4.1	Electric front passenger's seat(right-hand)
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BYD AUTO 2021-06-01 D-1-4.2 Electric front passenger's seat(left-hand)



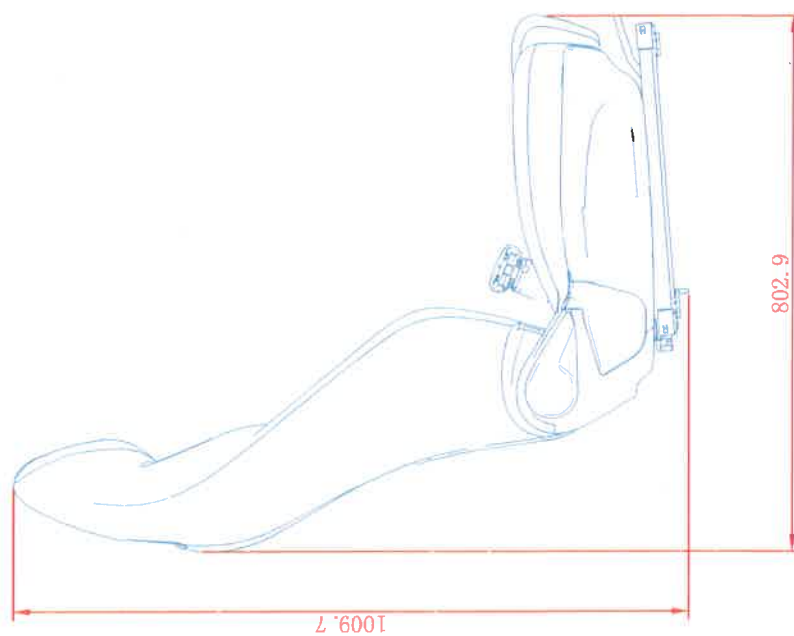
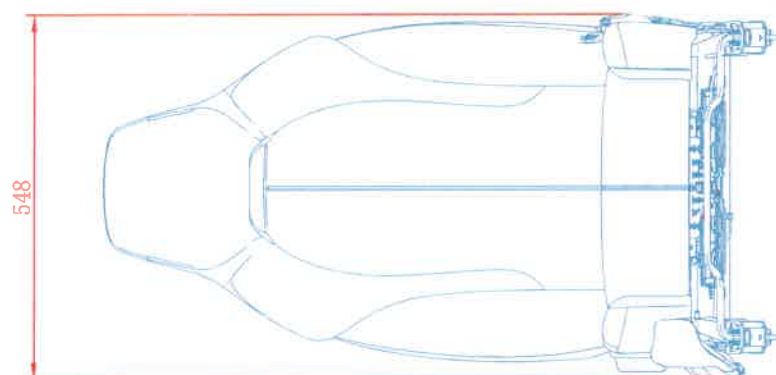
Manual front passenger's seat(right-hand)

D-1-4.3

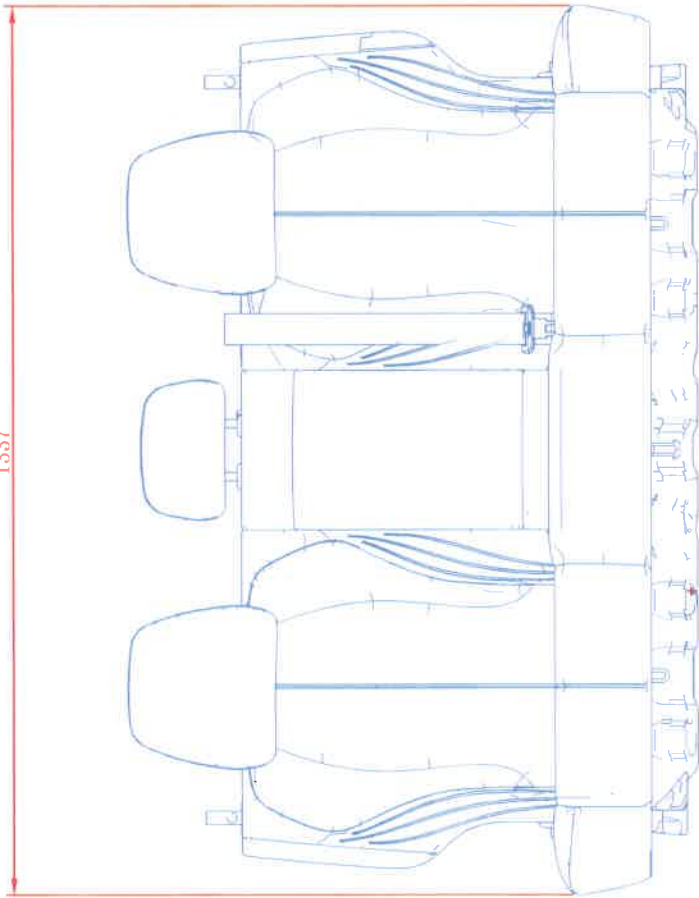
2021-06-01

BYD AUTO

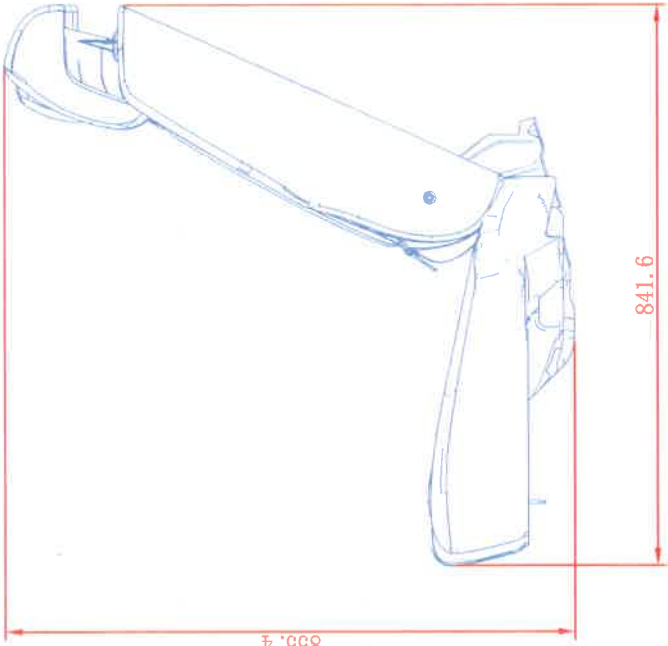




BYD AUTO	2021-06-01	D-1-5.1	Rear seat
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1337



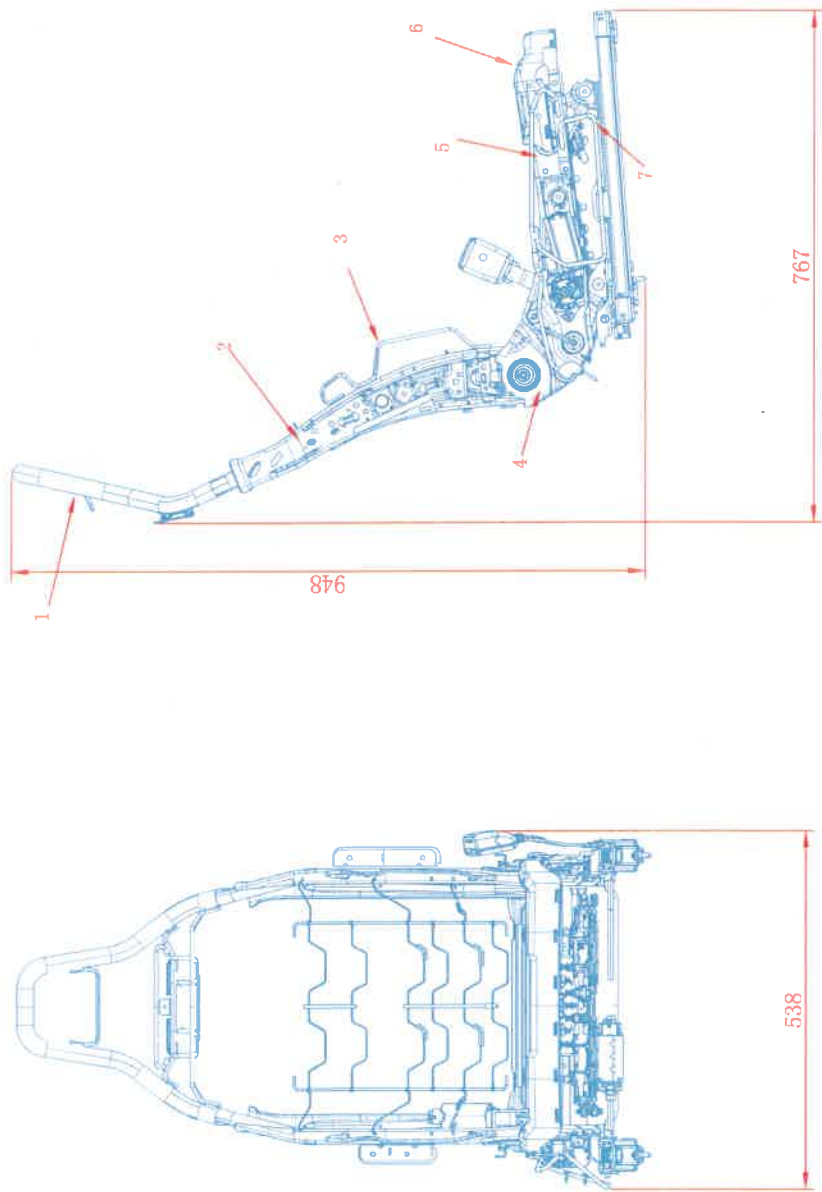
855.4

841.6

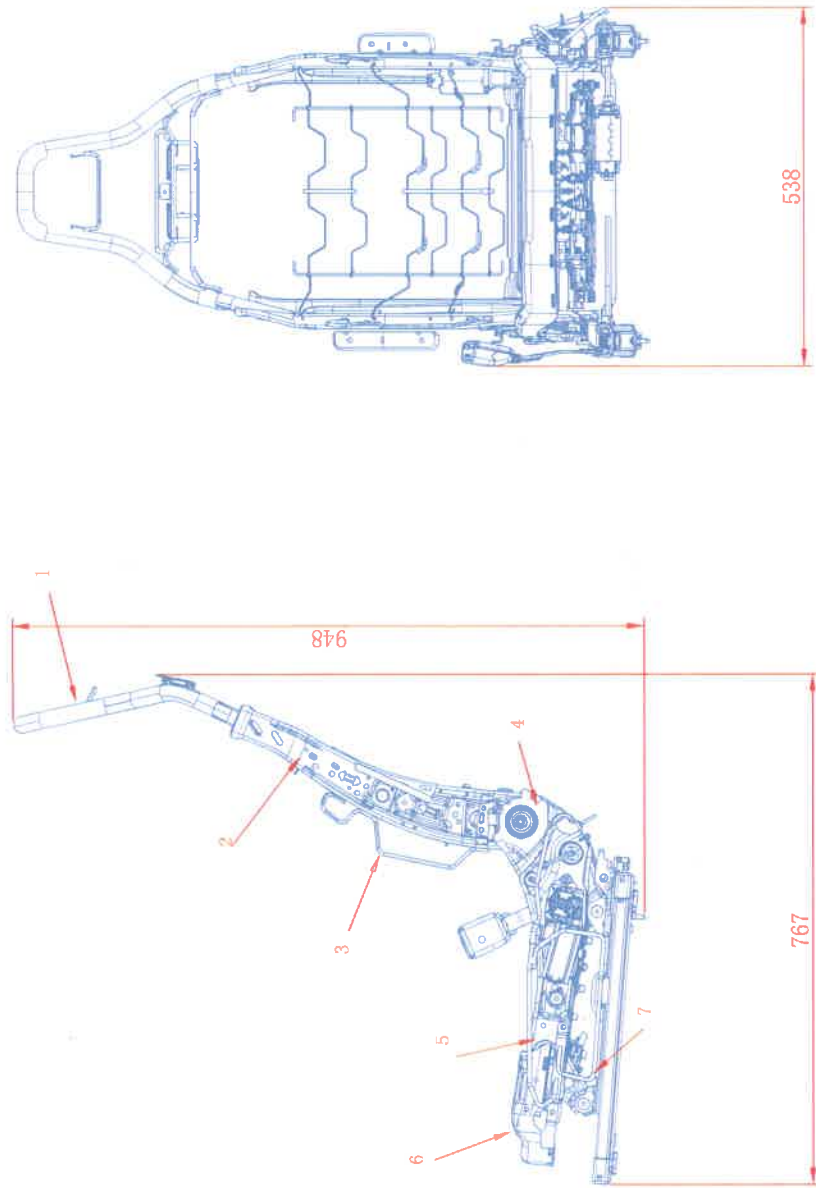
23-023

CN21090139

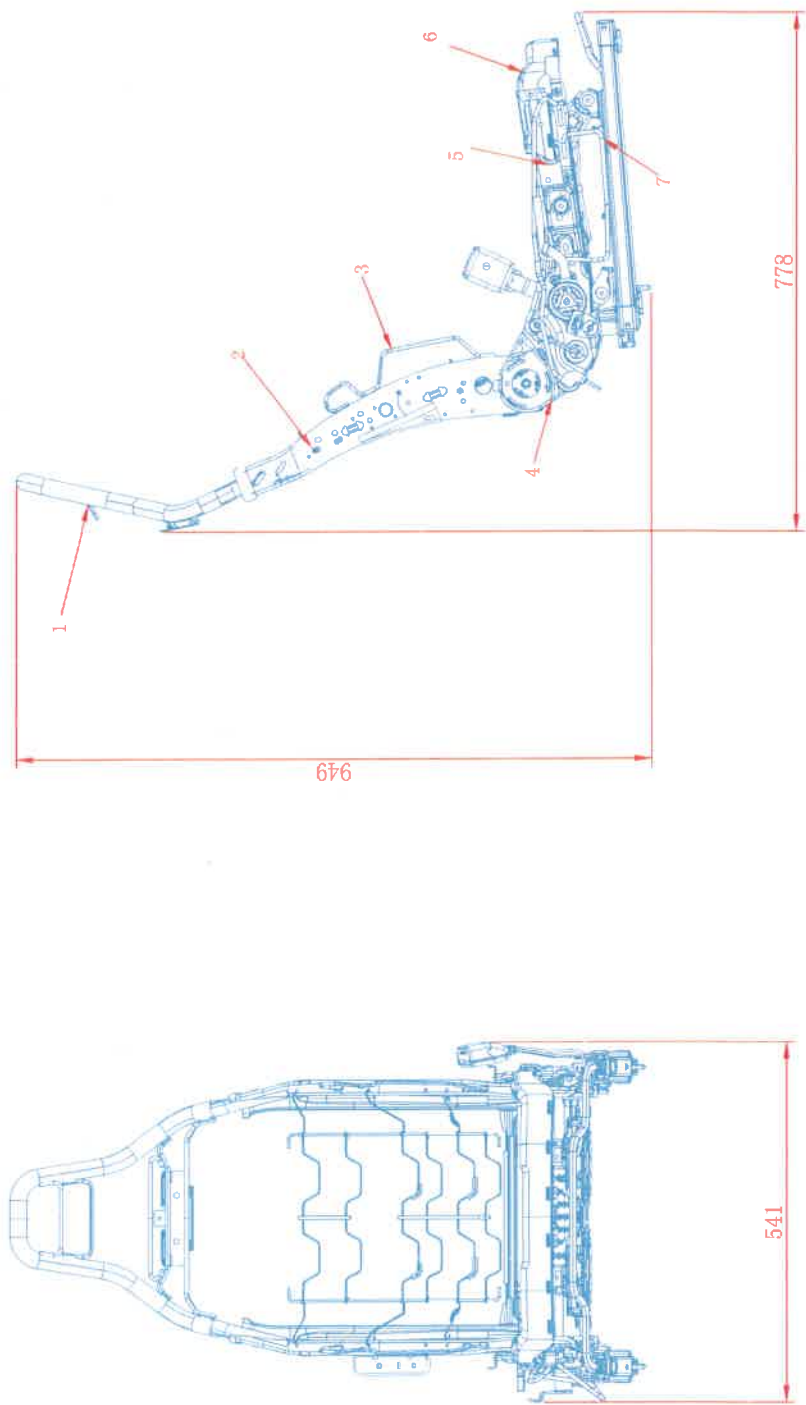
IDIADA



BYD AUTO	2021-06-01	D-1-3.1.1	Skeleton of the electric driver's seat(right-hand)
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BYD AUTO	2021-06-01	D-1-3.2.2	Skeleton of the electric driver's seat(left-hand)
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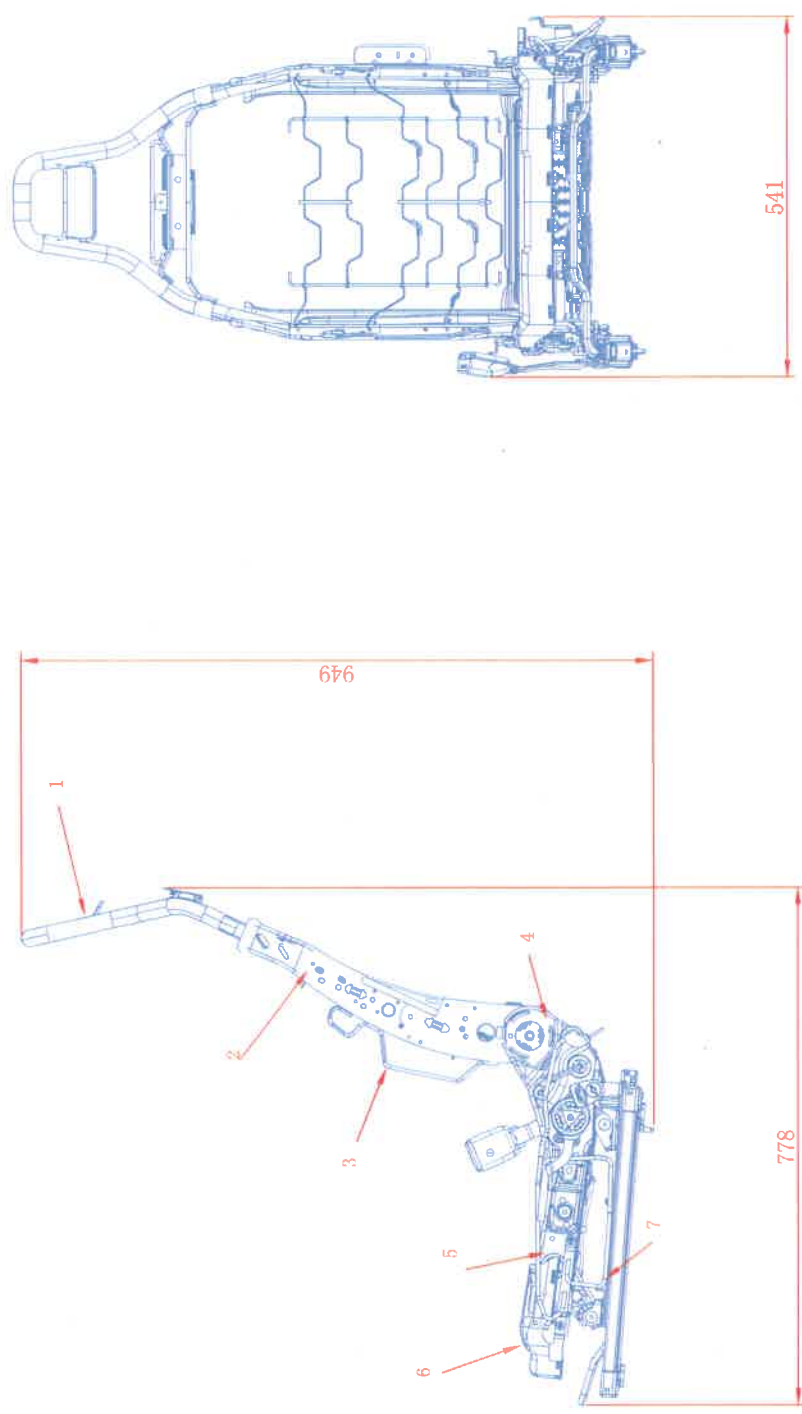


Skeleton of the manual driver's seat(right-hand)

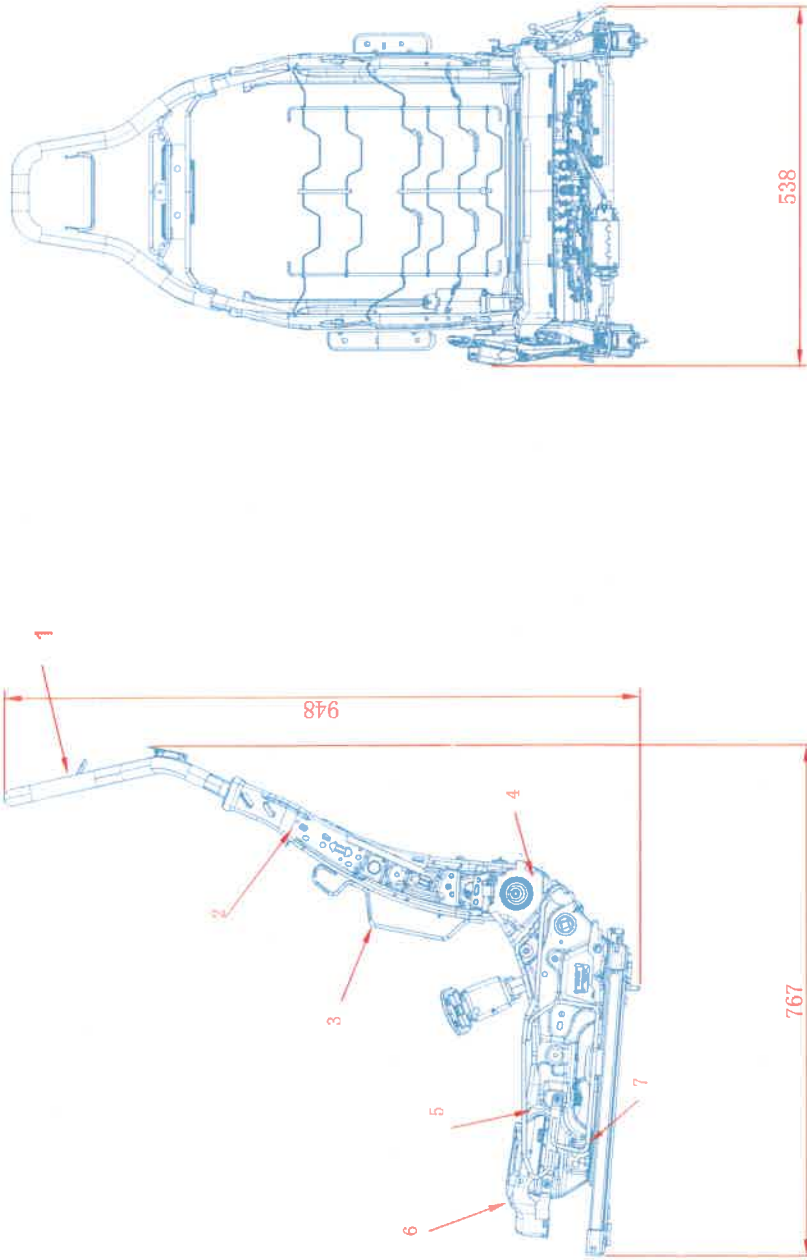
D-1-3.3.3

2021-06-01

BYD AUTO



BYD AUTO 2021-06-01 D-1-3.4.4 Skeleton of the manual driver's seat(left-hand)

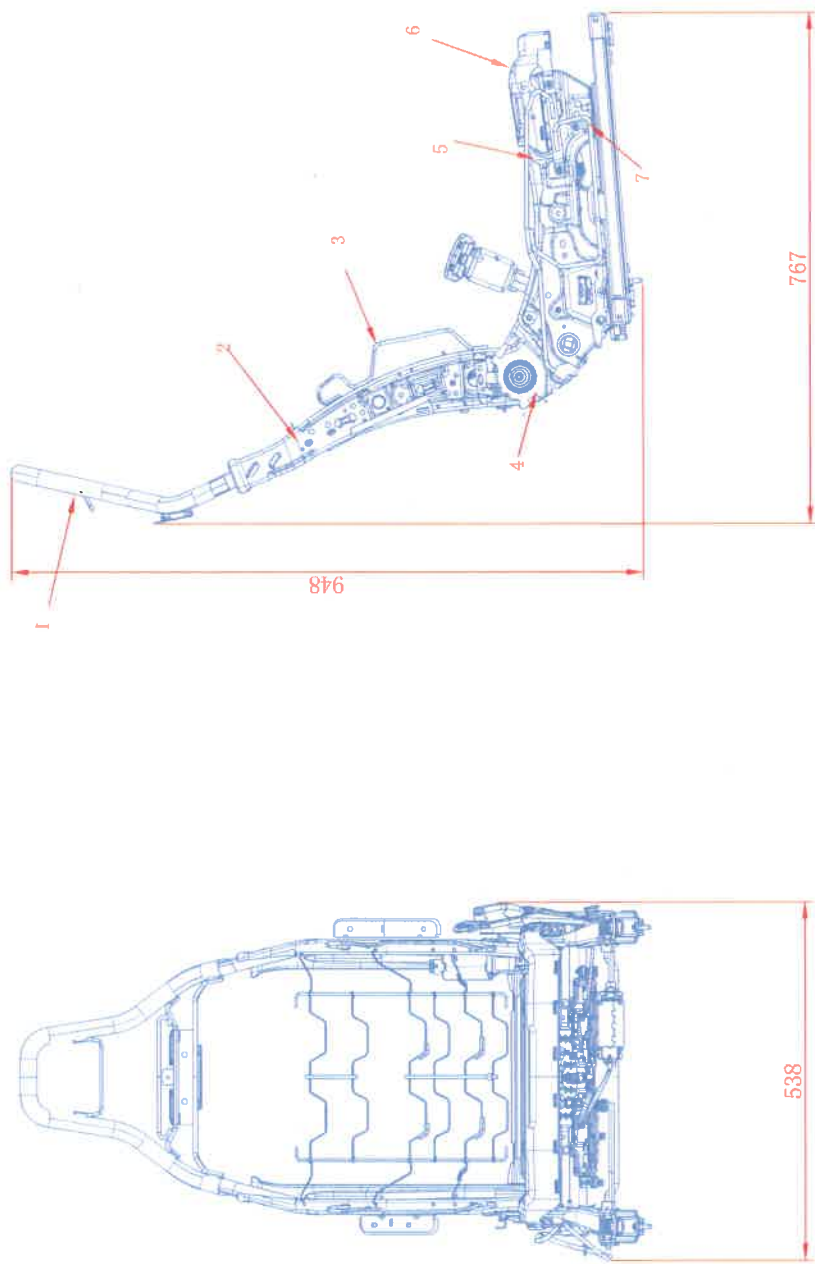


Skeleton of the electric passenger's seat(right-hand)

D-1-4.1.1

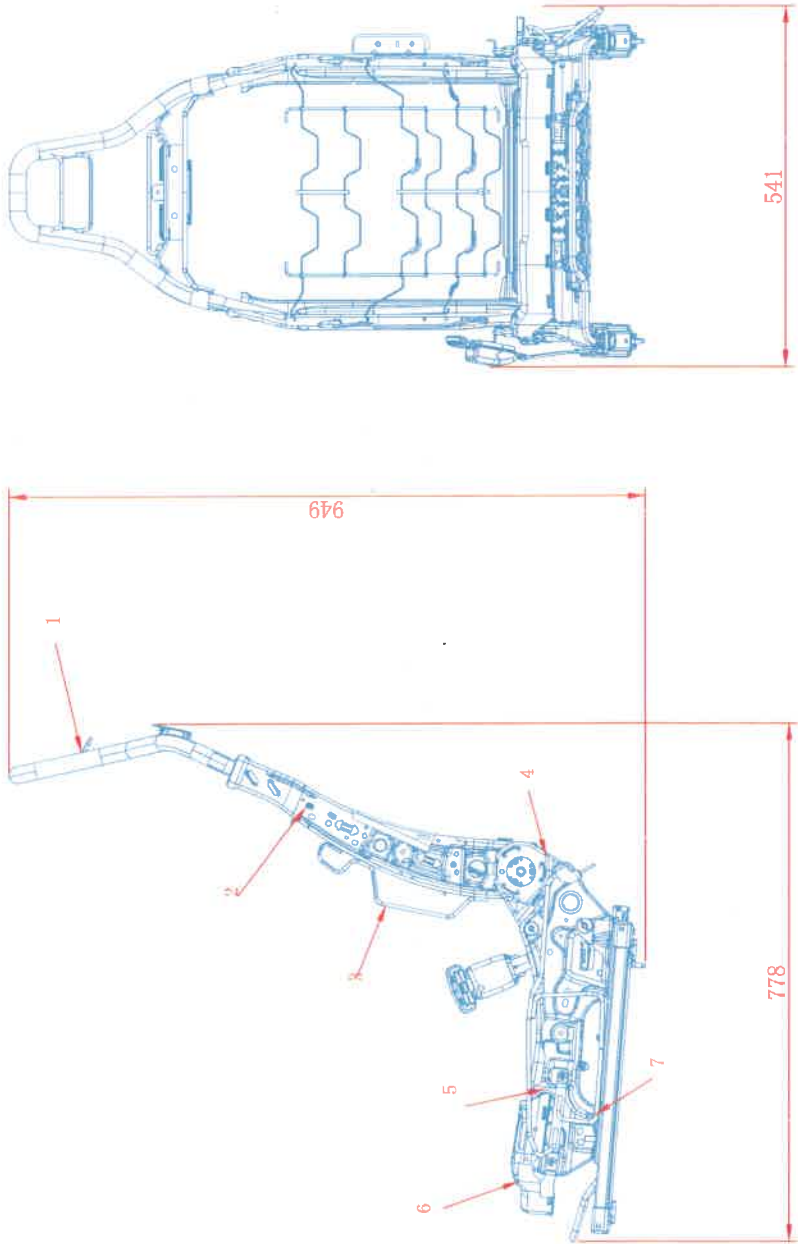
2021-06-01

BYD AUTO



BYD AUTO	2021-06-01	D-1-4.2.2	Skeleton of the electric passenger's seat(left-hand)
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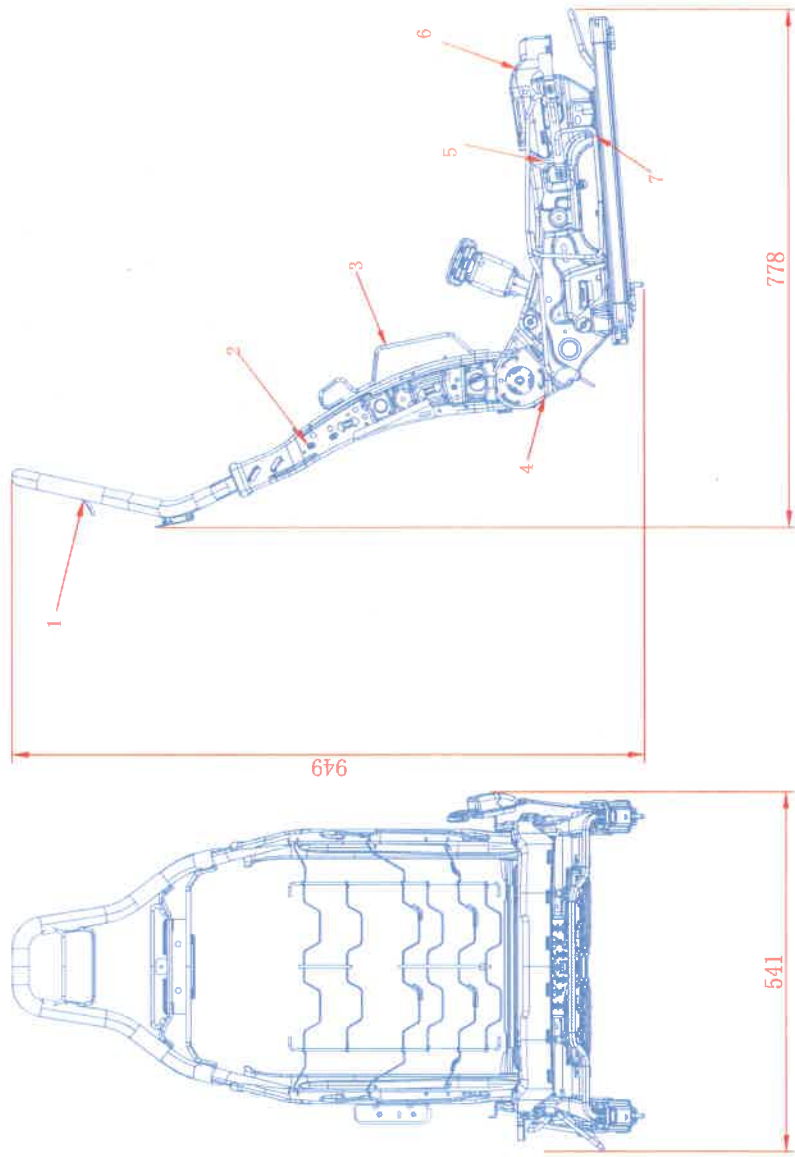


Skeleton of the manual passenger's seat(right-hand)

D-1-4.3.3

2021-06-01

BYD AUTO



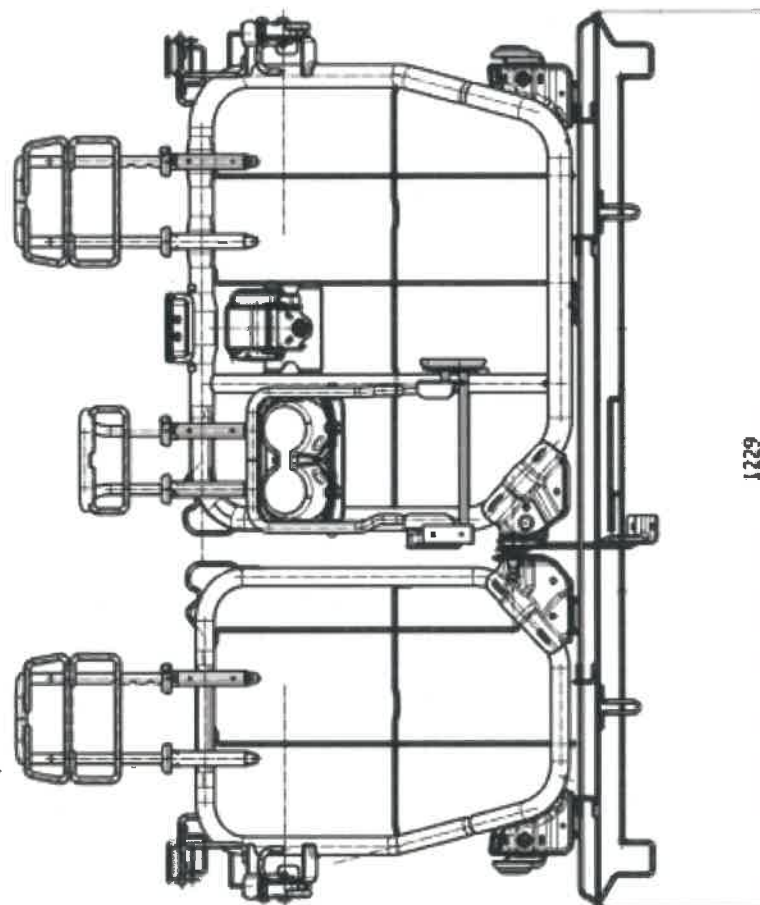
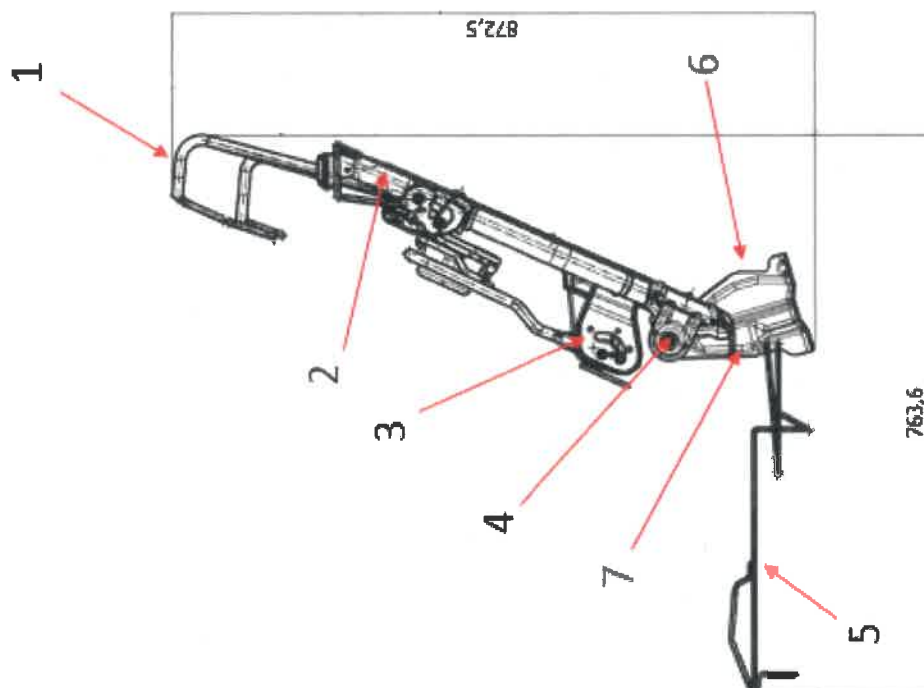
Skeleton of the manual passenger's seat(left-hand)

D-1-4.4.4

2021-06-01

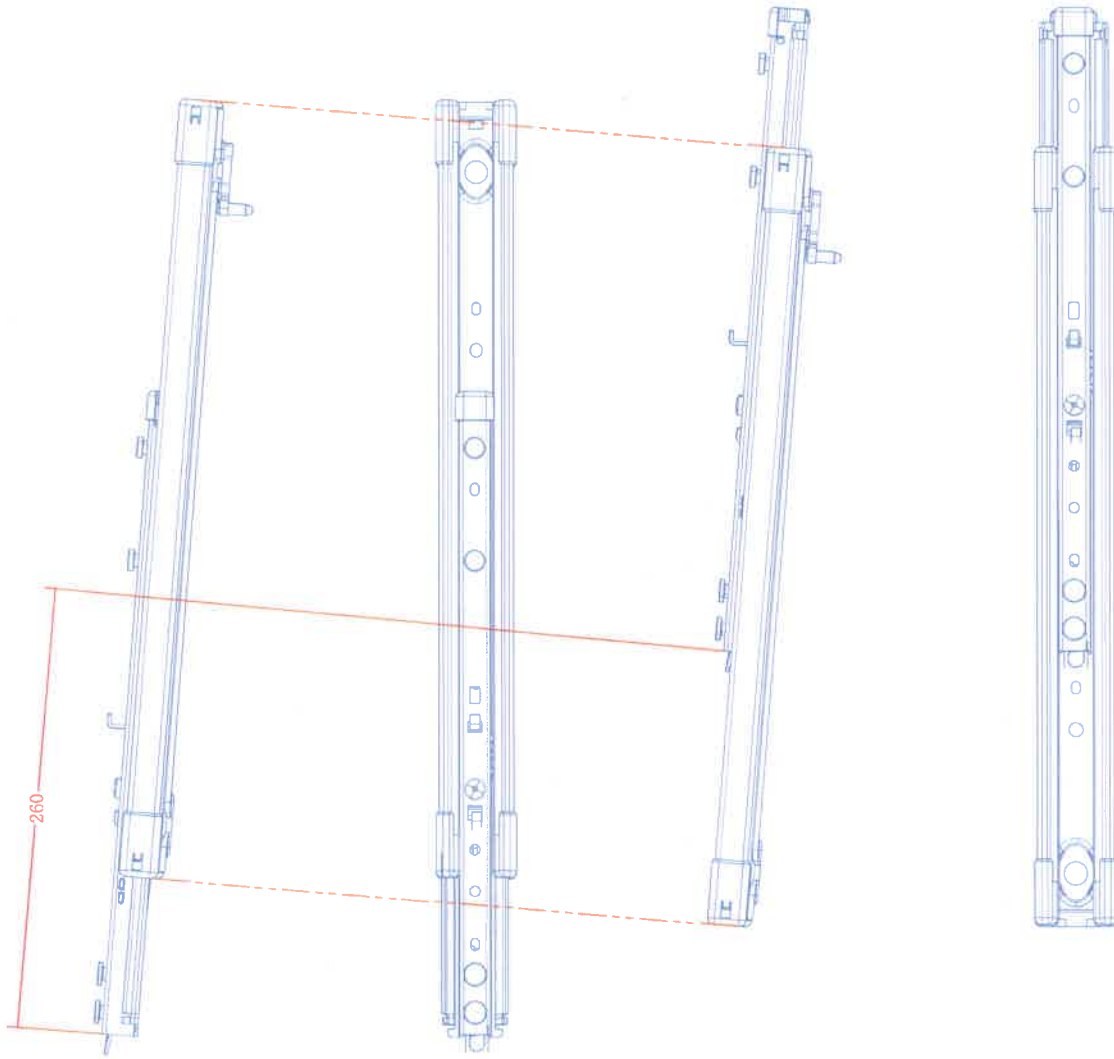
BYD AUTO

NO.	Part Name	Material	Thickness ( mm )
1	fixed tube	Q235B	Ø25×1.2
2	backrest	HC500LA	t=0.9
3	side steel wire support	20#	Ø5
4	Atadjustable mounting plate	QStE420TM	t=2.2
5	Side panel component	HC340LA	t=1.3
6	cushion part	CR420LA	t=0.6
7	fender steel wire support	20# &CR420	Ø6



BYD AUTO	2021-06-01	D-1-5.1.1	Skeleton of rear seat
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NO.	Part Name	Material	Thickness ( mm )
1	fixed tube	SPCC	Ø12.7
2	bend pipe of backrest	Q235	Ø32
3	handrail bracket	HR420F	t=2.5
4	backrest attachment bracket	SAPH440	t=2.5
5	cushion part	10#	Ø5
6	mounting bracket	SAPH440	t=3
7	ISOFIX wire	20#	Ø6

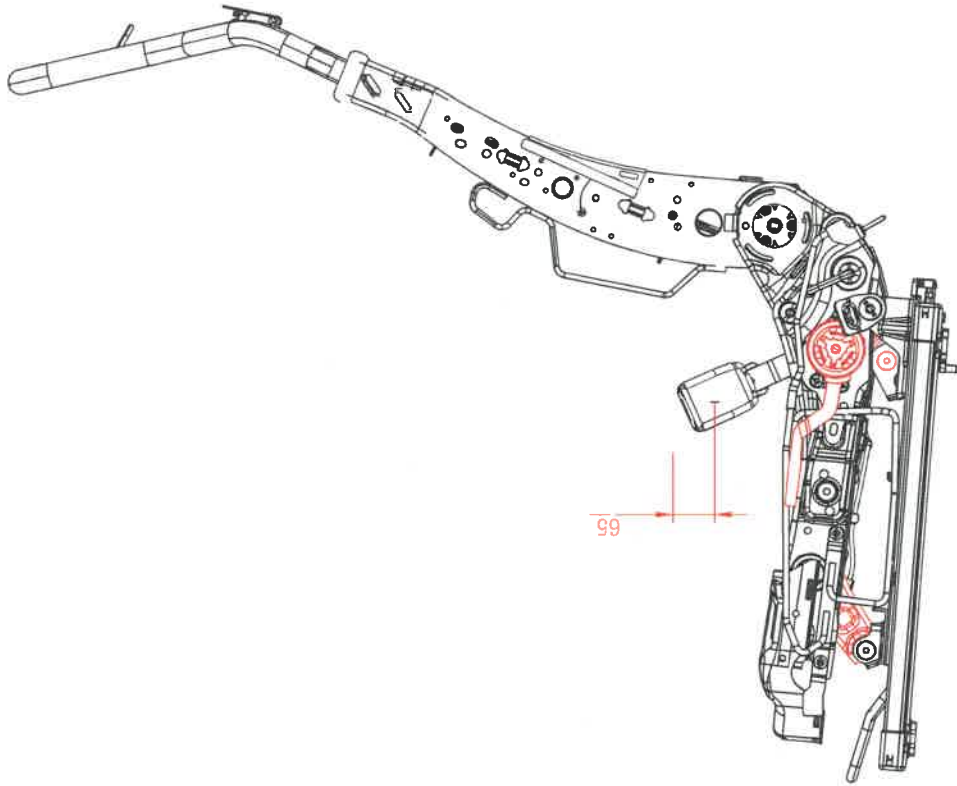


Front seats' horizontal slideway

D-1-7.1

2021-06-01

BYD AUTO

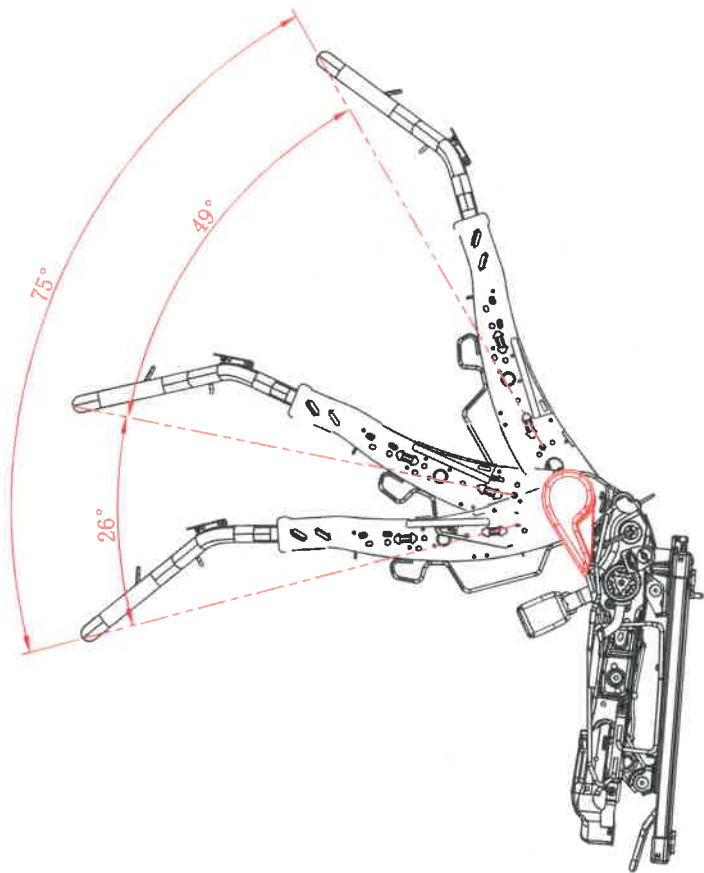


Front seat height adjuster

D-1-7.2

2021-06-01

BYD AUTO



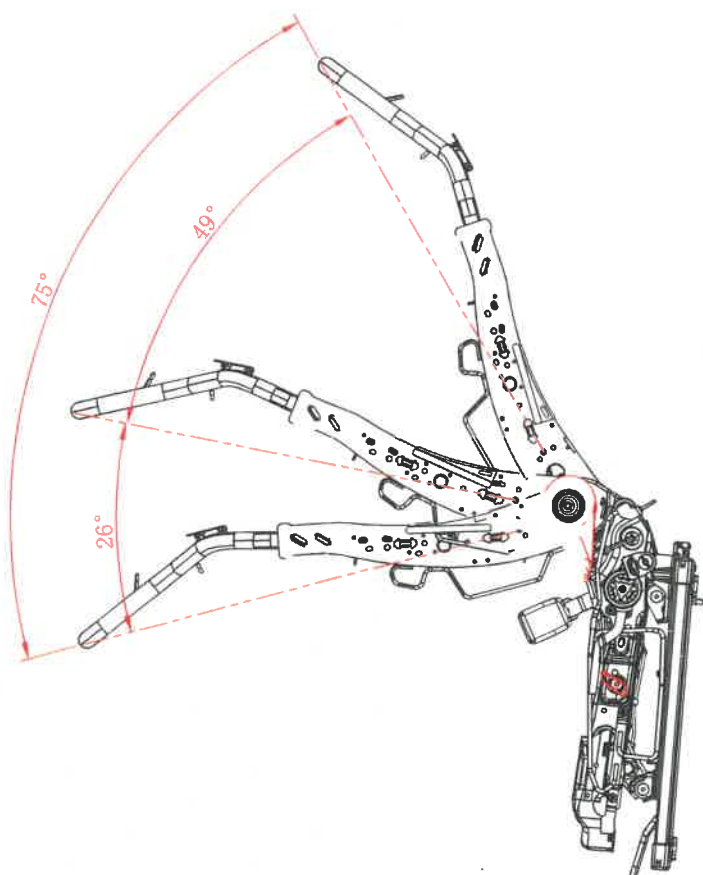
Front seats' backrest angle adjuster(manual)

D-1-7.3

2021-06-01

BYD AUTO





23-023

CN21090139

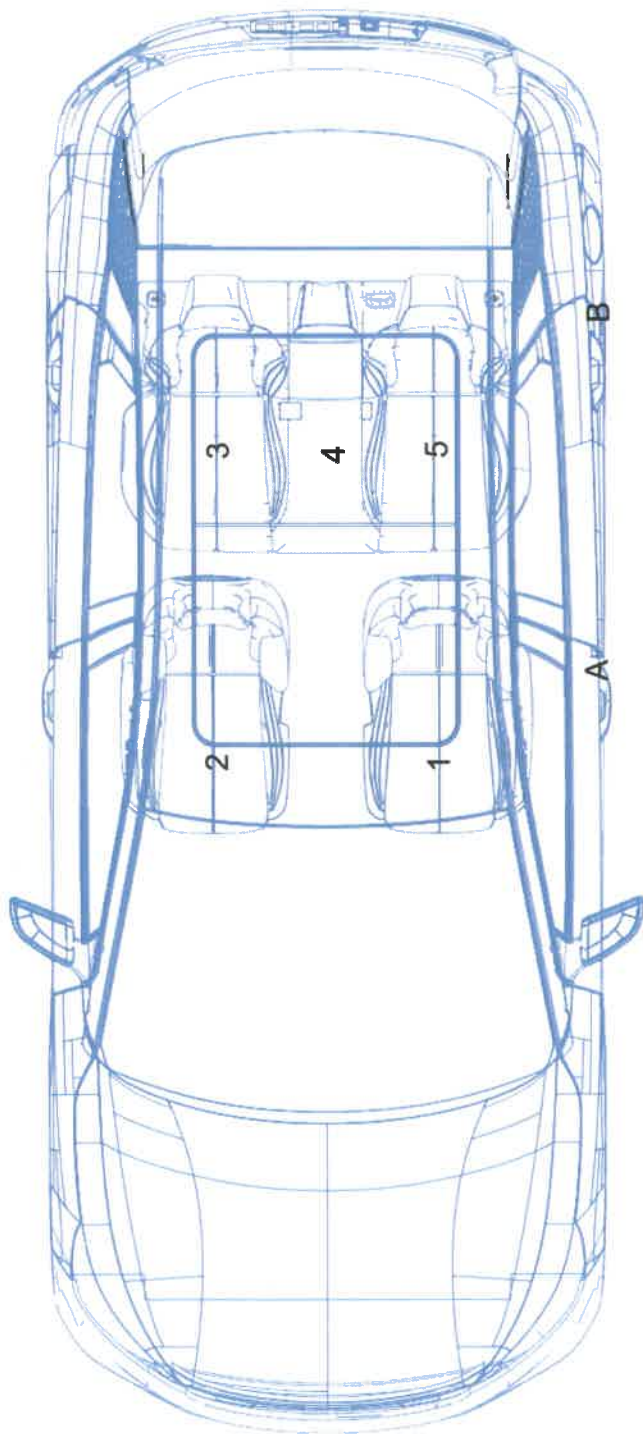
BYD

Front seats' backrest angle adjuster(electric)

D-1-7.4

2021-06-01

BYD AUTO



No.	A-point/B-point coordinates
A	(1480, -793, 492)
B	(2496, -765, 652)
No.	R-point coordinates
1	(1338, -370, 328)
2	(1338, 370, 328)
3	(2208, 355, 341)
4	(2172, 0, 361)
5	(2208, -355, 341)

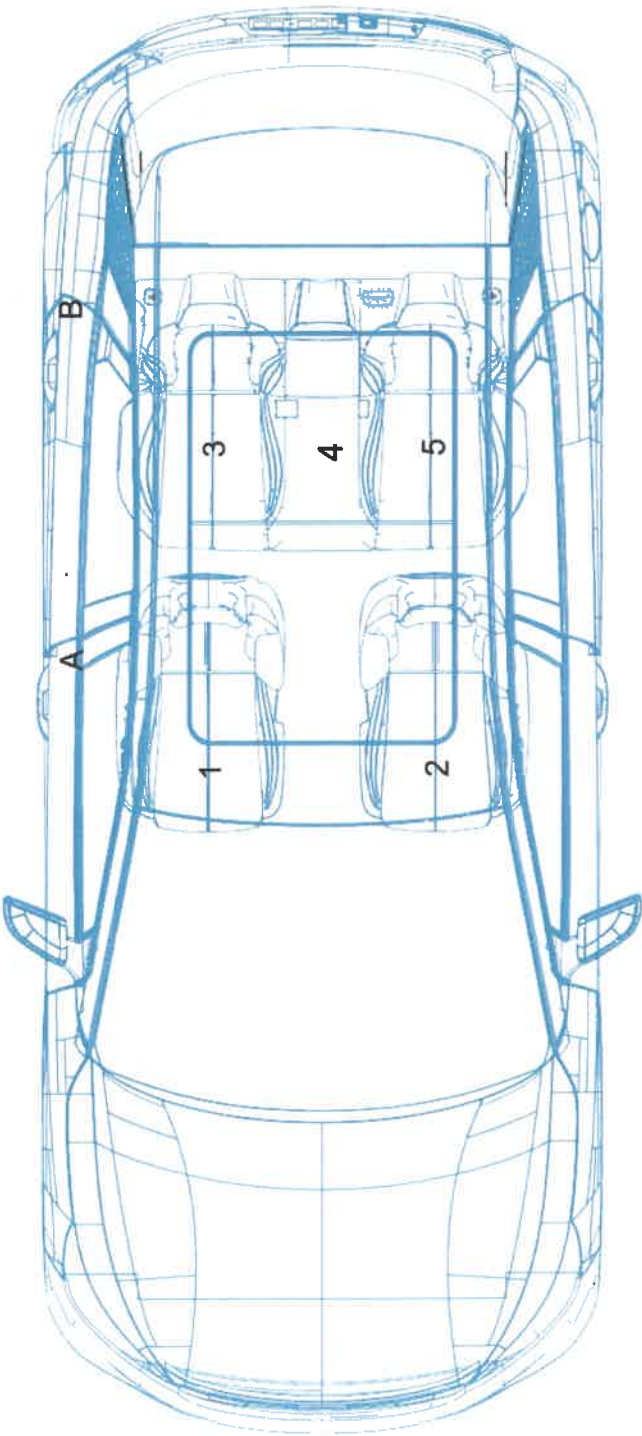
No.	Relative coordinates to A-point
1	(-136, 423, -164)
2	(-136, 1169, -164)

No.	Relative coordinates to B-point
3	(-288, 1120, -312)
4	(-324, 765, -292)
5	(-288, 410, -312)



Remark: A-point/B-point is the upper screw center of the front/rear lock loop

BYD AUTO	2021-06-01	D-1-1.1	Primary reference marks position relation to the R-point(for left-hand of drive version)
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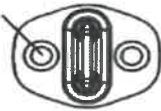


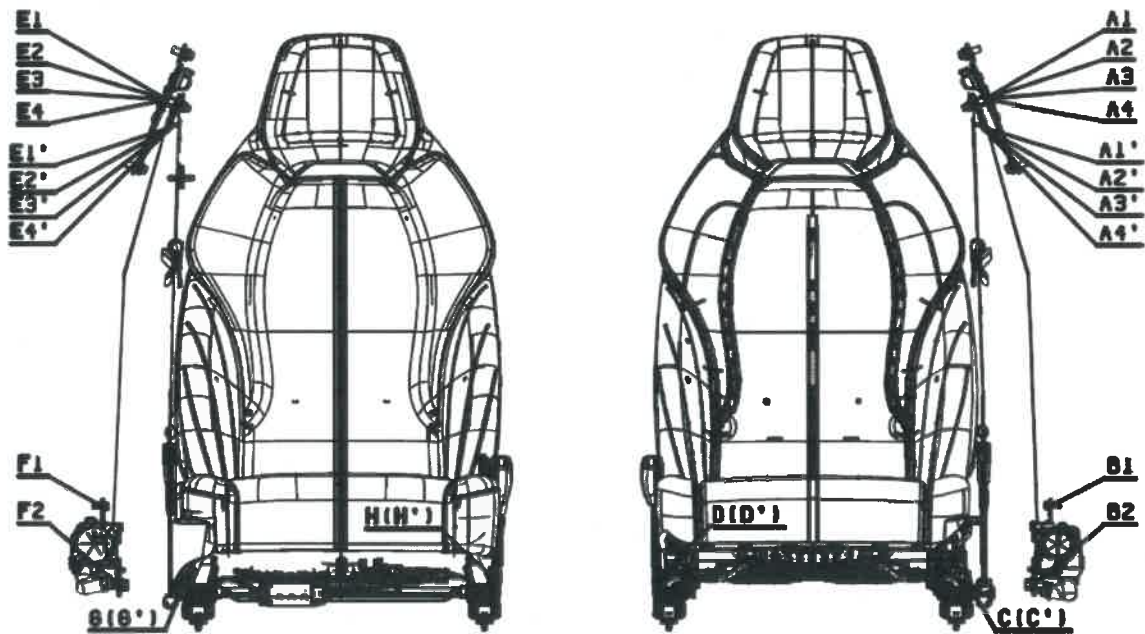
No.	A-point/B-point coordinates
A	(1480, 793, 492)
B	(2496, 765, 652)
No.	R-point coordinates
1	(1338, 370, 328)
2	(1338, -370, 328)
3	(2208, 355, 341)
4	(2172, 0, 361)
5	(2208, -355, 341)

No.	Relative coordinates to A-point
1	(-136, -423, -164)
2	(-136, -1169, -164)

No.	Relative coordinates to B-point
3	(-288, -410, -312)
4	(-324, -765, -292)
5	(-288, -1120, -312)

Remark: A-point/B-point is the upper screw center of the front/rear lock loop





Actual anchorage point:A1,A2,A3,A4,B1,B2,C,D,E1,E2,E3,E4,F1,F2,G,H

Effective anchorage point:A1',A2',A3',A4',C',D',E1',E2',E3',E4',G',H'

A1	seat belt anchor point:A1	1593.5, -629.6, 975.9	G	seat belt anchor point:G	1430.9, 622.8, 146
A2	seat belt anchor point:A2	1593.5, -638.6, 952.9	H	seat belt anchor point:H	1414, 130.6, 167.8
A3	seat belt anchor point:A3	1593.5, -647.6, 929.9	A1'	seat belt anchor point:A1'	1589, -623.7, 943
A4	seat belt anchor point:A4	1593.5, -656.6, 906.9	A2'	seat belt anchor point:A2'	1589, -632.7, 920
B1	seat belt anchor point:B1	1497, -745.6, 294.4	A3'	seat belt anchor point:A3'	1589, -641.7, 897
B2	seat belt anchor point:B1	1478, -720.6, 160.7	A4'	seat belt anchor point:A4'	1589, -650.7, 874
C	seat belt anchor point:C	1430.9, -622.8, 146	C'	seat belt anchor point:C'	1430.9, -622.8, 146
D	seat belt anchor point:D	1414, -130.6, 167.8	D'	seat belt anchor point:D'	1414, -130.6, 167.8
E1	seat belt anchor point:E1	1593.5, 629.6, 975.9	E1'	seat belt anchor point:E1'	1589, 641.7, 897
E2	seat belt anchor point:E2	1593.5, 638.6, 952.9	E2'	seat belt anchor point:E2'	1589, 650.7, 874
E3	seat belt anchor point:E3	1593.5, 647.6, 929.9	E3'	seat belt anchor point:E3'	1430.9, 622.8, 146
E4	seat belt anchor point:E4	1593.5, 656.6, 906.9	E4'	seat belt anchor point:E4'	1414, 130.6, 167.8
F1	seat belt anchor point:F1	1497, 745.6, 294.4	G'	seat belt anchor point:G'	1430.9, 622.8, 146
F2	seat belt anchor point:F2	1478, 720.6, 160.7	H'	seat belt anchor point:H'	1414, 130.6, 167.8

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BYD AUTO

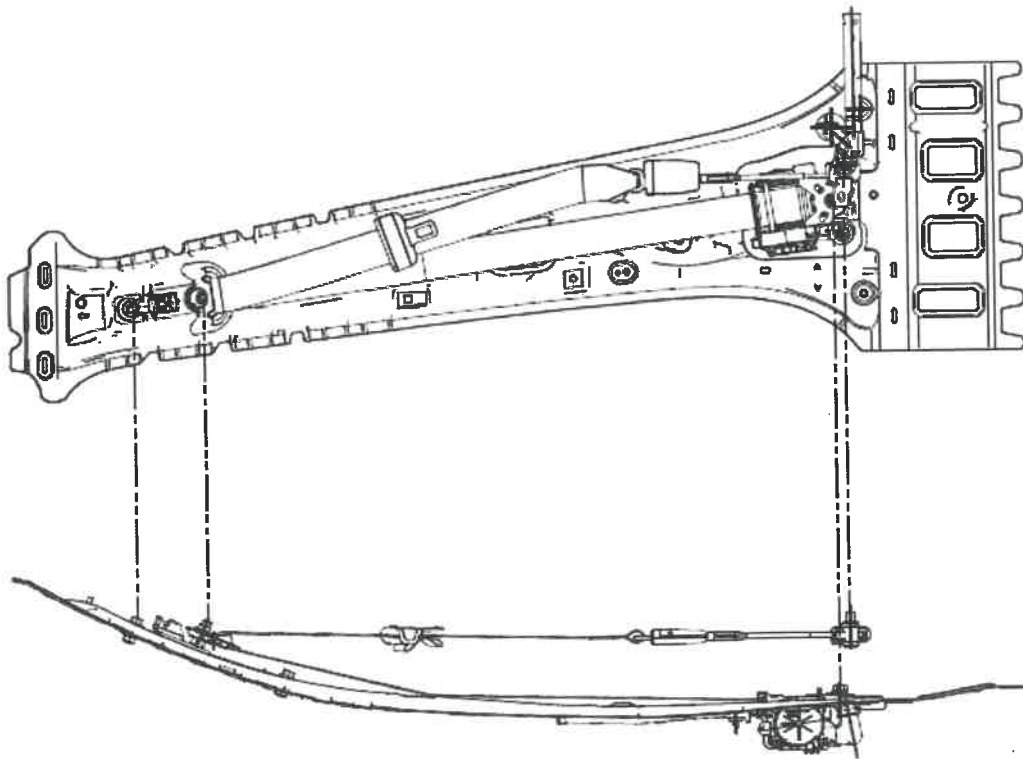
2021-06-01

B-2-1

Position of the actual and the effective safety belt anchorages of the front seats



A-A E-E

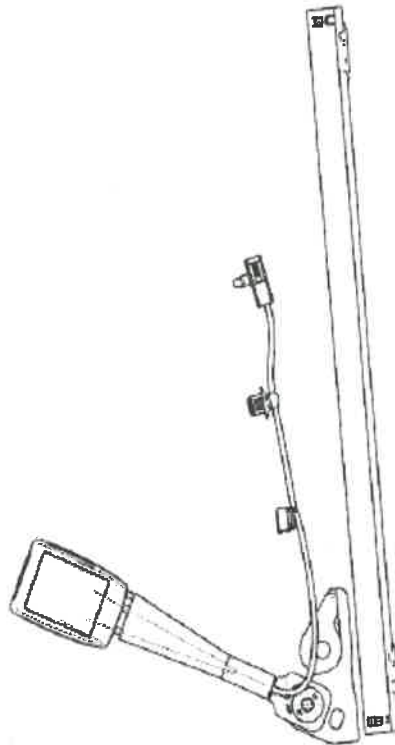


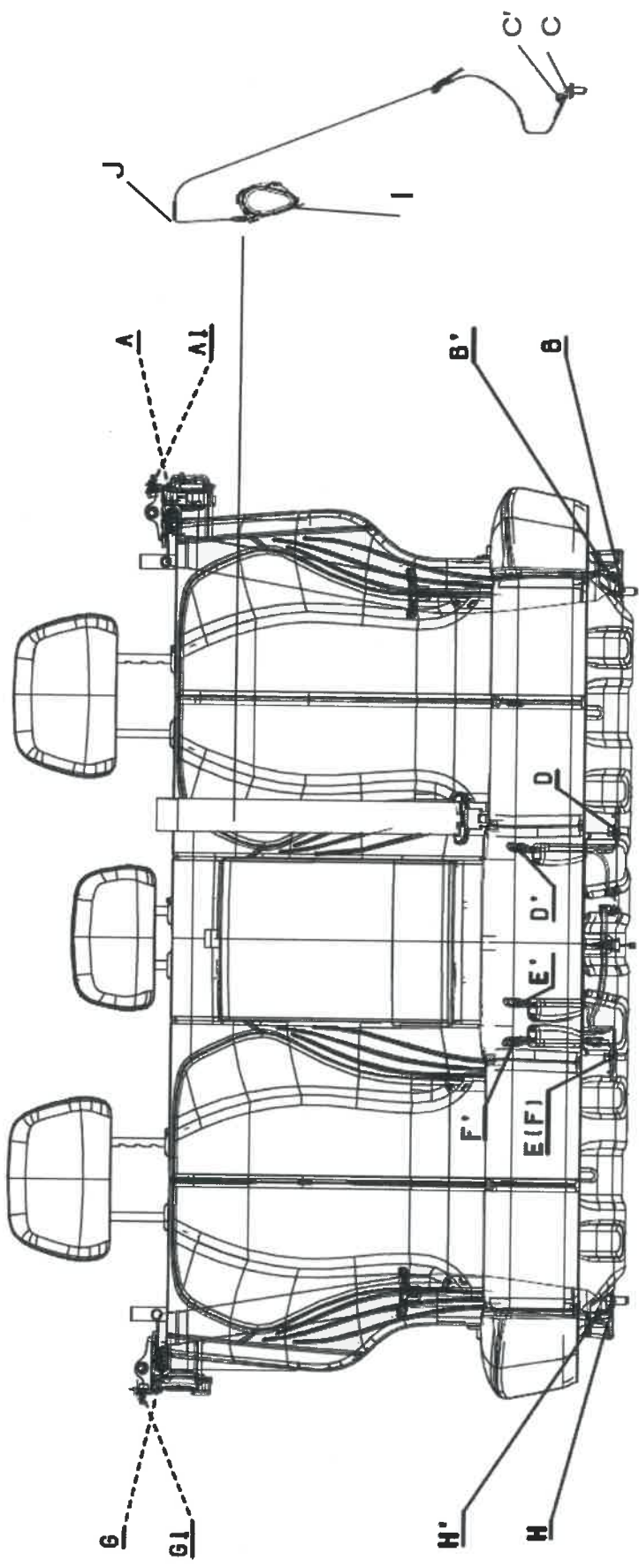
B-B, C-C, F-F, G-G

The anchorages of the driver seat-belt and front passenger seat-belt are symmetrical.

Material of parts the vehicle structure: high tensile steel plate.

D-D, H-H



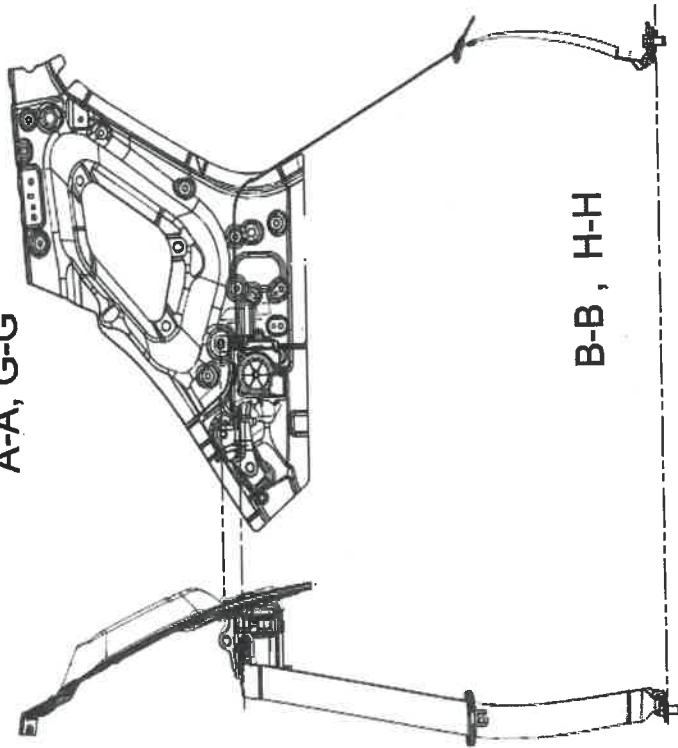


Actual anchorage point:A,A1,B,C,D,E,F,F,G,G1,H,I

Effective anchorage point:B',C',D',E',F',H',J'

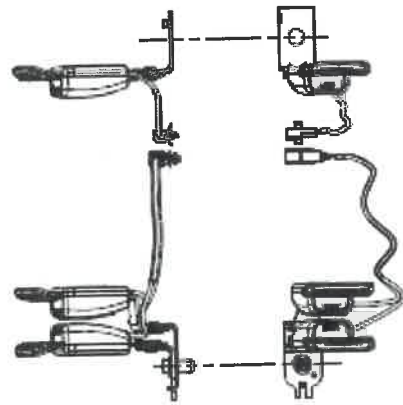
A	seat belt anchor point:A	2711.9, -606, 847.8	H	seat belt anchor point:H	2319, 521, 164.5
A1	seat belt anchor point:A1	2824.5, -626, 841	I	seat belt anchor point:I	2582.4, -181, 650.5
B	seat belt anchor point:B1	2319, -521, 164.5	J'	seat belt anchor point:J'	2609, -181, 859
C	seat belt anchor point:C	2314, -168.5, 170.8	B'	seat belt anchor point:B'	2333, -530.9, 181.5
D	seat belt anchor point:D	2314, -168.5, 167.6	D'	seat belt anchor point:D	2274, -140, 316.5
E	seat belt anchor point:E	2314, 163, 167.6	C'	seat belt anchor point:C'	2330.5, -168.5, 189.5
F	seat belt anchor point:F	2314, 163, 167.6	E'	seat belt anchor point:E'	2274.5, 88, 319
G	seat belt anchor point:G	2711.9, 606, 847.8	F'	seat belt anchor point:F'	2274.5, 140, 319
G1	seat belt anchor point:G1	2824.5, 626, 841	H'	seat belt anchor point:H'	2333, 530.9, 181.5

A-A, G-G



B-B, H-H

C-C,D-D,E-E, F-F

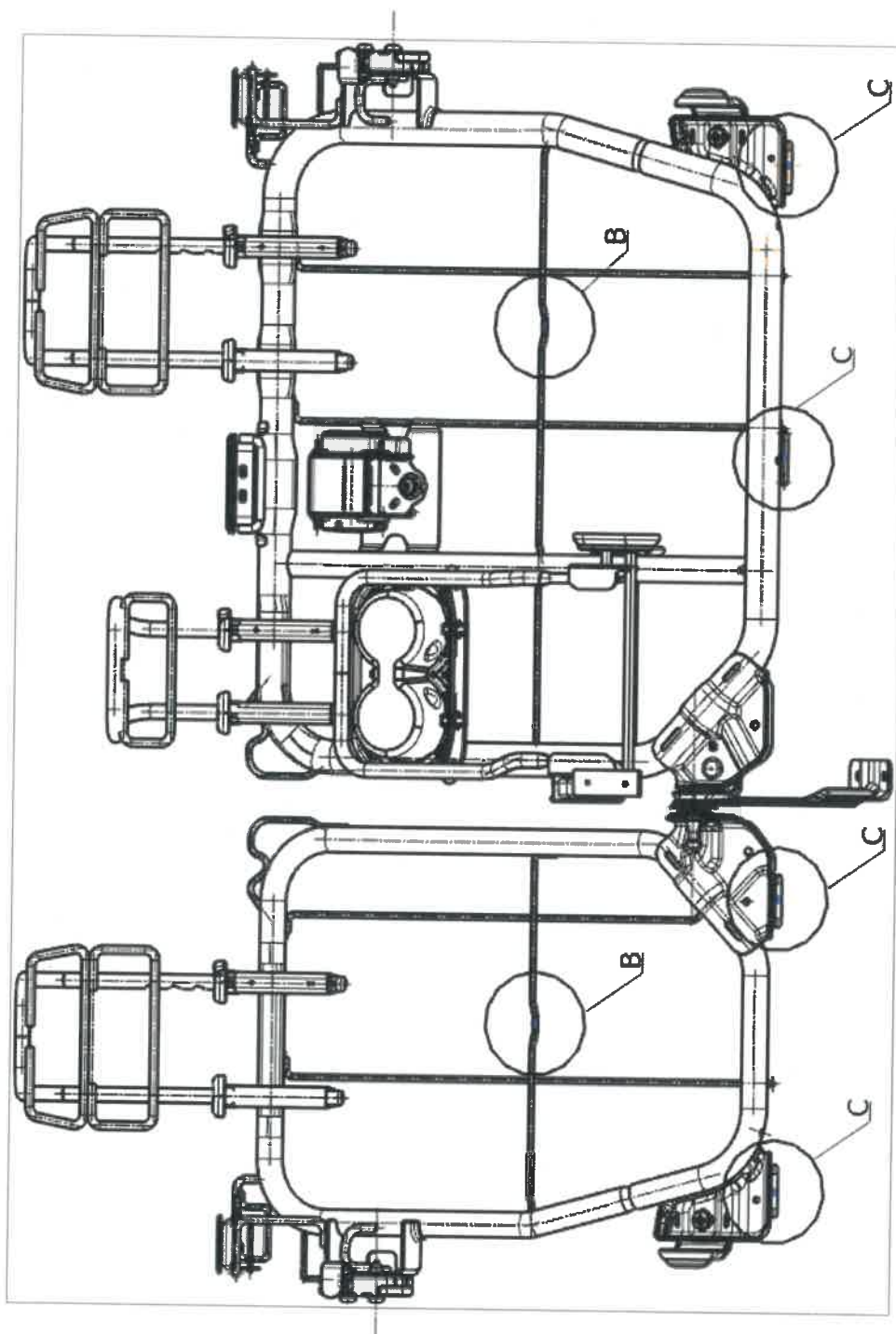


I-I, J-J



The anchorages of the left seat-belt and right seat-belt are symmetrical.

Material of parts the vehicle structure: high tensile steel plate.

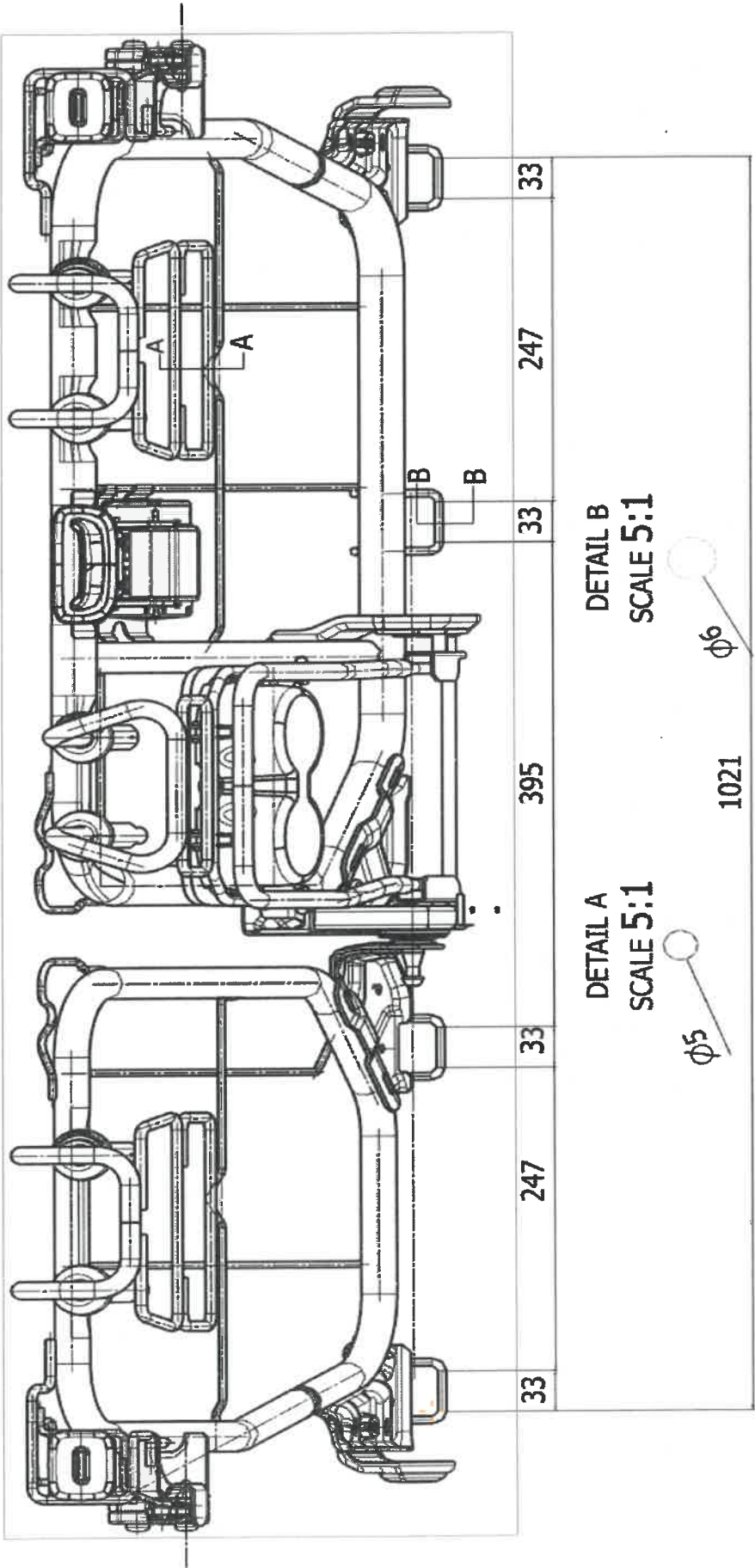


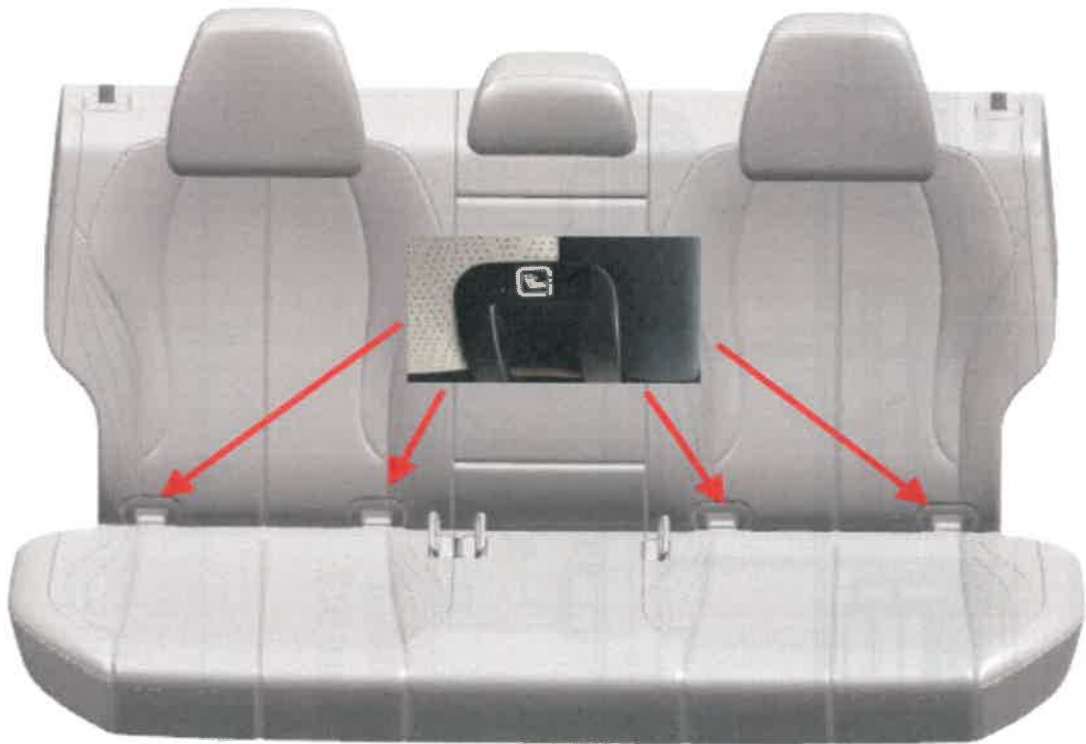
DETAIL B  
SCALE 2:1

DETAIL C  
SCALE 2:1

BYD AUTO	2021-06-01	D-1-5.1.2	Location of the ISOFIX anchorages and the top tether anchorages
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BYD AUTO	2021-06-01	D-1-5.1.4
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Identifier of the ISOFIX/i-size anchorages systems and the top tether anchorages of rear seat



IDIADA CN21090139

BYD AUTO	2021-06-01	D-1-5.1.5
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Identifier of the ISOFIX/i-size anchorages systems and the top tether anchorages of passenger seat



# Road vehicle descriptor

## General Information

Vehicle type approval number:	VTA-060596 20220804
Make:	BYD
Model:	SC2E
Marketing designation:	ATTO 3
Category:	M - Passenger Vehicle

## Secure vehicle identifier / Vehicle plate details

Secure Vehicle Number:	
Location:	29-H-16
Compliance plate location:	

## List of Variant(s)

### SC2E-2 (XTD) Variant Information

Variant Name:	SC2E-2 (XTD)
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Front 3/4 Image:



Rear 3/4 Image:





### **Variant Details**

Body style:	Wagon
NSW body code:	Station Wagon
Seating options	5
Max. seating capacity (including driver)	
No. of doors side:	4
No. of doors rear:	1
Axle code:	2 Axles, single tyres front and rear
Tare mass (kg):	1750
Gross vehicle mass (kg):	2160
Maximum towing mass (braked trailer) (kg):	0
Maximum towing mass (non-braked trailer) (kg):	0
Gross combination mass (kg):	
B-Double capable:	
Road train capable:	

### **Major Dimensions**

Vehicle length (mm):	4455
Vehicle width (mm):	1875
Vehicle height (mm):	1615
Wheelbase (mm):	2720
Running clearance (mm):	175

### **Engine Details**

Engine Motive Power:	Electric (E)
NEP (kw) (Engine):	150.00
NEP (rpm) (Engine):	4433
Fuel injection type (Engine):	Electric engine (E)

### **Service Brake**

Actuation type:	Hydraulic (H)
Front - Type:	Disc Ventilated (DIV)
Front - Diam (mm):	298
Front - Width (mm):	26
Rear - Type:	Disc Non-ventilated (DIN)

<b>Rear - Diam (mm):</b>	268
<b>Rear - Width (mm)</b>	12
<b>Power assisted</b>	Other (Oth)
<b>Variant availability</b>	Standard (S)

**Transmission**

<b>Transmission type:</b>	Automatic (A)
<b>Forward Gears:</b>	1
<b>Variant availability:</b>	
<b>Variant Amount:</b>	

**Tyre and Rim**

<b>Tyre designation (Tyre and Rim):</b>	215/55R18 95V
<b>Rim size &amp; profile:</b>	18 x 7J ET:40
<b>Variant availability type:</b>	Std Front and Rear (SB)

**Suspension**

<b>Vertical measurement of wheel centre to top of wheel arch opening at:</b>	<b>Unladen Mass</b> <b>Front:</b> 466 <b>Rear:</b> 479
	<b>Full Bump</b> <b>Front:</b> 446 <b>Rear:</b> 434
<b>Minimum acceptable vertical measurement of wheel centre to top of wheel arch:</b>	<b>Front:</b> 459 <b>Rear:</b> 464
<b>Variant availability type:</b>	Standard (S)

**Standard equipment or Options**

<b>Name:</b>	Air conditioning - Standard Equipment Option
<b>Variant availability type:</b>	Standard (S)

**SC2E-4 (STD) Variant Information**

<b>Variant Name:</b>	SC2E-4 (STD)
<b>{{#FrontImage_GAP}}</b>	
<b>Front 3/4 Image:</b>	



{{/FrontImage\_GAP}} {{#RearImage\_GAP}}  
Rear 3/4 Image:



{{/RearImage\_GAP}}

**Variant Details**

Body style:	Wagon
NSW body code:	Station Wagon
Seating options	5
Max. seating capacity (including driver)	
No. of doors side:	5
No. of doors rear:	1
Axle code:	2 Axles, single tyres front and rear
Tare mass (kg):	1680
Gross vehicle mass (kg):	2160
Maximum towing mass (braked trailer) (kg):	0



**Maximum towing mass (non-braked trailer) (kg):** 0

**Gross combination mass (kg):**

**B-Double capable:**

**Road train capable:**

#### Major Dimensions

**Vehicle length (mm):** 4455  
**Vehicle width (mm):** 1875  
**Vehicle height (mm):** 1615  
**Wheelbase (mm):** 2720  
**Running clearance (mm):** 175

#### Engine Details

**Engine Motive Power:** Electric (E)  
**NEP (kw) (Engine):** 150.00  
**NEP (rpm) (Engine):** 4433  
**Fuel injection type (Engine):** Electric engine (E)

#### Service Brake

**Actuation type:** Hydraulic (H)  
**Front - Type:** Disc Ventilated (DIV)  
**Front - Diam (mm):** 298  
**Front - Width (mm):** 26  
**Rear - Type:** Disc Non-ventilated (DIN)  
**Rear - Diam (mm):** 268  
**Rear - Width (mm):** 12  
**Power assisted:** Other (Oth)  
**Variant availability:** Standard (S)

#### Transmission

**Transmission type:** Automatic (A)  
**Forward Gears:** 1  
**Variant availability:**  
**Variant Amount:**

#### Tyre and Rim

**Tyre designation (Tyre and Rim):** 215/55R18 95V  
**Rim size & profile:** 18 x 7J ET:40  
**Variant availability type:** Opt Front and Rear (OB)

#### Suspension

**Vertical measurement of wheel centre to top of wheel arch opening at:**

	<b>Unladen Mass</b>
	<b>Front:</b> 466
	<b>Rear:</b> 479
	<b>Full Bump</b>
	<b>Front:</b> 446
	<b>Rear:</b> 434

**Minimum acceptable vertical measurement of wheel centre to top of wheel arch:** **Front:** 459  
**Rear:** 464  
**Variant availability type:** Standard (S)

#### Standard equipment or Options

**Name:** Air conditioning - Standard Equipment Option  
**Variant availability type:** Standard (S)

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**Typical vehicle identification number (VIN) details**

VIN: LGXCE4CB7M0999101  
 Location: 29-G-6

**Engine Specifications**

Motive power: Electric (E)  
 Configuration: OTHER: enter details in remarks (O)  
 Net engine power (kW): 150.00  
 Net engine power (rpm): 4433  
 Battery type: Lithium - LFP  
 Battery capacity: 150Ah  
 Alternative energy source: N/A  
 Storage system: Battery  
 Fuel injection type: Electric engine (E)  
 Induction type: Electric Engine (E)  
 Typical engine number: TZ200XSQ 2A2011360  
 Location: 27-Q-8

**Variant(s) this engine is applicable and the mass variation**

Variant: SC2E-2 (XTD)  
 Mass variation (kg) - positive or negative variation from tare weight: Standard (S)

Variant: SC2E-4 (STD)  
 Mass variation (kg) - positive or negative variation from tare weight: Standard (S)

**Service brake specifications**

Actuation type: Hydraulic (H)  
 Power assisted: Other (Oth)

**Front**

Type: Disc Ventilated (DIV)  
 Diameter (mm): 298  
 Width (mm): 26

**Rear**

Type: Disc Non-ventilated (DIN)  
 Diameter (mm): 268  
 Width (mm): 12

**For which variant(s) is the service brake applicable and how is it available?**

Variant: SC2E-2 (XTD)  
 Variant availability type: Standard (S)

Variant: SC2E-4 (STD)

Variant availability type Standard (S)

### **Transmission data specifications**

Transmission Type: Automatic (A)

Forward gears: 1

#### **Variant(s) this transmission is applicable to, and the mass variation**

Variant SC2E-2 (XTD)

Mass variation (kg) – positive or negative variation from tare weight

Variant SC2E-4 (STD)

Mass variation (kg) – positive or negative variation from tare weight

### **Tyre and rim specifications**

Tyre designation: 215/55R18 95V

Rim size and profile: 18 x 7J ET:40

Rim offset (mm): 921320000

Rim offset amount (mm): 40

Front wheel track (mm): 1575

Rear wheel track (mm): 1580

#### **Variant(s) this tyre and rim is applicable to, and how it is available**

Variant: SC2E-2 (XTD)

Variant availability type: Std Front and Rear (SB)

Variant: SC2E-4 (STD)

Variant availability type: Opt Front and Rear (OB)

### **Suspension data specifications**

#### **Vertical measurement of wheel centre to top of wheel arch opening at “Unladen Mass”**

Front (mm): Rear (mm):

466 479

#### **Vertical measurement of wheel centre to top of wheel arch opening at full bump**

Front (mm): Rear (mm):

446 434

#### **Minimum acceptable vertical measurement of wheel centre to top of wheel arch**

Front (mm): Rear (mm):

459 464

#### **Variant(s) this suspension is applicable to, and how it is available**

Variant: SC2E-2 (XTD)

Variant availability type: Standard (S)

Variant: SC2E-4 (STD)

**Variant availability type:** Standard (S)

### **Standard equipment or options affecting ADR compliance**

#### **Standard equipment**

##### **Air conditioning**

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

**Variant:** SC2E-4 (STD)  
**Variant availability type:** Standard (S)

##### **Antilock brakes**

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

**Variant:** SC2E-4 (STD)  
**Variant availability type:** Standard (S)

##### **Power windows**

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

**Variant:** SC2E-4 (STD)  
**Variant availability type:** Standard (S)

##### **Power mirrors**

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

**Variant:** SC2E-4 (STD)  
**Variant availability type:** Standard (S)

##### **Driver's airbag**

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

**Variant:** SC2E-4 (STD)  
**Variant availability type:** Standard (S)

##### **Passenger's airbag**

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

**Variant:** SC2E-4 (STD)  
**Variant availability type:** Standard (S)

##### **Central locking**

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

**Variant:** SC2E-4 (STD)

**Variant availability type:**

Standard (S)

**Remarks**

Refer to the Technical information Document No SC2E-R13H-00 for the info doc of the braking system of the model SC2E.the wheels offset are +40mm for front and rear.

## Road vehicle descriptor

### General Information

Vehicle type approval number:	VTA-060596 20220721
Make:	BYD
Model:	SC2E
Marketing designation:	ATTO 3
Category:	M - Passenger Vehicle

### Secure vehicle identifier / Vehicle plate details

Secure Vehicle Number:	
Location:	29-H-16
Compliance plate location:	

### List of Variant(s)

#### SC2E-2 (XTD) Variant Information

Variant Name:	SC2E-2 (XTD)
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Front 3/4 Image:



Rear 3/4 Image:



### Variant Details

Body style:	Wagon
NSW body code:	Station Wagon
Seating options	5
Max. seating capacity (including driver)	
No. of doors side:	4
No. of doors rear:	1
Axle code:	2 Axles, single tyres front and rear
Tare mass (kg):	1750
Gross vehicle mass (kg):	2160
Maximum towing mass (braked trailer) (kg):	0
Maximum towing mass (non-braked trailer) (kg):	0
Gross combination mass (kg):	
B-Double capable:	
Road train capable:	

### Major Dimensions

Vehicle length (mm):	4455
Vehicle width (mm):	1875
Vehicle height (mm):	1615
Wheelbase (mm):	2720
Running clearance (mm):	175

### Engine Details

Engine Motive Power:	Electric (E)
NEP (kw) (Engine):	150.00
NEP (rpm) (Engine):	4433
Fuel injection type (Engine):	Electric engine (E)

### Service Brake

Actuation type:	Hydraulic (H)
Front - Type:	Disc Ventilated (DIV)
Front - Diam (mm):	298
Front - Width (mm):	26
Rear - Type:	Disc Non-ventilated (DIN)

<b>Rear - Diam (mm):</b>	268
<b>Rear - Width (mm)</b>	12
<b>Power assisted</b>	Other (Oth)
<b>Variant availability</b>	Standard (S)

**Transmission**

<b>Transmission type:</b>	Automatic (A)
<b>Forward Gears:</b>	1
<b>Variant availability:</b>	Standard (S)
<b>Variant Amount:</b>	

**Tyre and Rim**

<b>Tyre designation (Tyre and Rim):</b>	215/55R18 95V
<b>Rim size &amp; profile:</b>	18 x 7J ET:40
<b>Variant availability type:</b>	Std Front and Rear (SB)

**Suspension**

<b>Vertical measurement of wheel centre to top of wheel arch opening at:</b>	<b>Unladen Mass</b> <b>Front:</b> 466 <b>Rear:</b> 479
	<b>Full Bump</b> <b>Front:</b> 446 <b>Rear:</b> 434
<b>Minimum acceptable vertical measurement of wheel centre to top of wheel arch:</b>	<b>Front:</b> 459 <b>Rear:</b> 464
<b>Variant availability type:</b>	Standard (S)

**Standard equipment or Options**

<b>Name:</b>	Air conditioning - Standard Equipment Option
<b>Variant availability type:</b>	Standard (S)

**SC2E-4 (STD) Variant Information**

<b>Variant Name:</b>	SC2E-4 (STD)
<b>{{#FrontImage_GAP}}</b>	
<b>Front 3/4 Image:</b>	





{{/FrontImage\_GAP}} {{#RearImage\_GAP}}

Rear 3/4 Image:



{{/RearImage\_GAP}}

### **Variant Details**

<b>Body style:</b>	Wagon
<b>NSW body code:</b>	Station Wagon
<b>Seating options</b>	5
<b>Max. seating capacity (including driver)</b>	
<b>No. of doors side:</b>	5
<b>No. of doors rear:</b>	1
<b>Axle code:</b>	2 Axles, single tyres front and rear
<b>Tare mass (kg):</b>	1680
<b>Gross vehicle mass (kg):</b>	2160
<b>Maximum towing mass (braked trailer) (kg):</b>	0

**Maximum towing mass (non-braked trailer)** 0  
(kg):

**Gross combination mass (kg):**

**B-Double capable:**

**Road train capable:**

#### Major Dimensions

**Vehicle length (mm):** 4455  
**Vehicle width (mm):** 1875  
**Vehicle height (mm):** 1615  
**Wheelbase (mm):** 2720  
**Running clearance (mm):** 175

#### Engine Details

**Engine Motive Power:** Electric (E)  
**NEP (kw) (Engine):** 150.00  
**NEP (rpm) (Engine):** 4433  
**Fuel injection type (Engine):** Electric engine (E)

#### Service Brake

**Actuation type:** Hydraulic (H)  
**Front - Type:** Disc Ventilated (DIV)  
**Front - Diam (mm):** 298  
**Front - Width (mm):** 26  
**Rear - Type:** Disc Non-ventilated (DIN)  
**Rear - Diam (mm):** 268  
**Rear - Width (mm):** 12  
**Power assisted** Other (Oth)  
**Variant availability** Standard (S)

#### Transmission

**Transmission type:** Automatic (A)  
**Forward Gears:** 1  
**Variant availability:** Standard (S)  
**Variant Amount:**

#### Tyre and Rim

**Tyre designation (Tyre and Rim):** 215/60R17 96H  
**Rim size & profile:** 17 x 6.5J ET:40  
**Variant availability type:** Std Front and Rear (SB)  
**Tyre designation (Tyre and Rim):** 215/55R18 95V  
**Rim size & profile:** 18 x 7J ET:40  
**Variant availability type:** Opt Front and Rear (OB)

#### Suspension

**Vertical measurement of wheel centre to top of wheel arch opening at:**

**Unladen Mass**  
**Front:** 466  
**Rear:** 479

**Full Bump**  
**Front:** 446  
**Rear:** 434

**Minimum acceptable vertical measurement of wheel centre to top of wheel arch:**  
**Variant availability type:**

**Front:** 459  
**Rear:** 464  
 Standard (S)

#### Standard equipment or Options

**Name:** Air conditioning - Standard Equipment Option  
**Variant availability type:** Standard (S)

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**Typical vehicle identification number (VIN) details**

VIN: LGXCE4CB7M0999101  
 Location: 29-G-6

**Engine Specifications**

Motive power: Electric (E)  
 Configuration: OTHER: enter details in remarks (O)  
 Net engine power (kW): 150.00  
 Net engine power (rpm): 4433  
 Battery type: Lithium - LFP  
 Battery capacity: 150Ah  
 Alternative energy source: N/A  
 Storage system: Battery  
 Fuel injection type: Electric engine (E)  
 Induction type: Electric Engine (E)  
 Typical engine number: TZ200XSQ 2A2011360  
 Location: 27-Q-8

**Variant(s) this engine is applicable and the mass variation**

Variant: SC2E-2 (XTD)  
 Mass variation (kg) - positive or  
 negative variation from tare weight: Standard (S)

Variant: SC2E-4 (STD)  
 Mass variation (kg) - positive or  
 negative variation from tare weight: Standard (S)

**Service brake specifications**

Actuation type: Hydraulic (H)  
 Power assisted: Other (Oth)

**Front**

Type: Disc Ventilated (DIV)  
 Diameter (mm): 298  
 Width (mm): 26

**Rear**

Type: Disc Non-ventilated (DIN)  
 Diameter (mm): 268  
 Width (mm): 12

**For which variant(s) is the service brake applicable and how is it available?**

Variant: SC2E-2 (XTD)  
 Variant availability type: Standard (S)

Variant: SC2E-4 (STD)

<b>Transmission Type:</b>	Automatic (A)
<b>Forward gears:</b>	1

<b>Variant</b>	SC2E-2 (XTD)
<b>Mass variation (kg) – positive or negative variation from tare weight</b>	Standard (S)

<b>Variant</b>	SC2E-4 (STD)
<b>Mass variation (kg) – positive or negative variation from tare weight</b>	Standard (S)

<b>Tyre designation:</b>	215/55R18 95V
<b>Rim size and profile:</b>	18 x 7J ET:40
<b>Rim offset (mm):</b>	921320000
<b>Rim offset amount (mm):</b>	40
<b>Front wheel track (mm):</b>	1575
<b>Rear wheel track (mm):</b>	1580

<b>Variant:</b>	SC2E-2 (XTD)
<b>Variant availability type:</b>	Std Front and Rear (SB)
<b>Variant:</b>	SC2E-4 (STD)
<b>Variant availability type:</b>	Opt Front and Rear (OB)

**Front (mm):** 466 **Rear (mm):** 479

**Front (mm):** 446 **Rear (mm):** 434

**Front (mm):** 459      **Rear (mm):** 464

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

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**Variant availability type:** Standard (S)

**Standard equipment or options affecting ADR compliance**

**Standard equipment**

**Air conditioning**

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

**Variant:** SC2E-4 (STD)  
**Variant availability type:** Standard (S)

**Antilock brakes**

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

**Variant:** SC2E-4 (STD)  
**Variant availability type:** Standard (S)

**Power windows**

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

**Variant:** SC2E-4 (STD)  
**Variant availability type:** Standard (S)

**Power mirrors**

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

**Variant:** SC2E-4 (STD)  
**Variant availability type:** Standard (S)

**Driver's airbag**

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

**Variant:** SC2E-4 (STD)  
**Variant availability type:** Standard (S)

**Passenger's airbag**

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

**Variant:** SC2E-4 (STD)  
**Variant availability type:** Standard (S)

**Central locking**

**Variant:** SC2E-2 (XTD)  
**Variant availability type:** Standard (S)

**Variant:** SC2E-4 (STD)

**Variant availability type:**

Standard (S)

**Remarks**

Refer to the Technical information Document No SC2E-R13H-00 for the info doc of the braking system of the model SC2E.the wheels offset are +40mm for front and rear.