

AUTOGRAPH SURFACE PRODUCT

Measuring

Autograph provides independent Package Data produced serially for the latest automobiles of various manufacturers. Using modern 3-D coordinate measuring systems and adhering to international standards (e.g. SAE J 1100), we produce measurements for approximately 40 cars from series-production per year. Additionally, the Autograph archive contains the comparison data of more than 1000 different car models.

Our standard measuring program includes exterior, interior, luggage capacity, and vision dimensions as well as the various load-dependent measurements. We use the H-point machine for the interior measuring. This standard measuring thus provides some 200 defined dimensions of each vehicle.

Surface information

In addition to the package data, we record surface information through photogrammetry. We offer 2 different versions of our surface product:

1. Surface product

Area of the driver's compartment including the complete instrument panel on the passenger's side:

- Driver's seat in SgRP position
- Headlining and floor in the area of driver's seat
- Instrument panel and centre console
- Steering wheel, gear shift lever, hand break
- Pedals
- Door lining (driver's side)

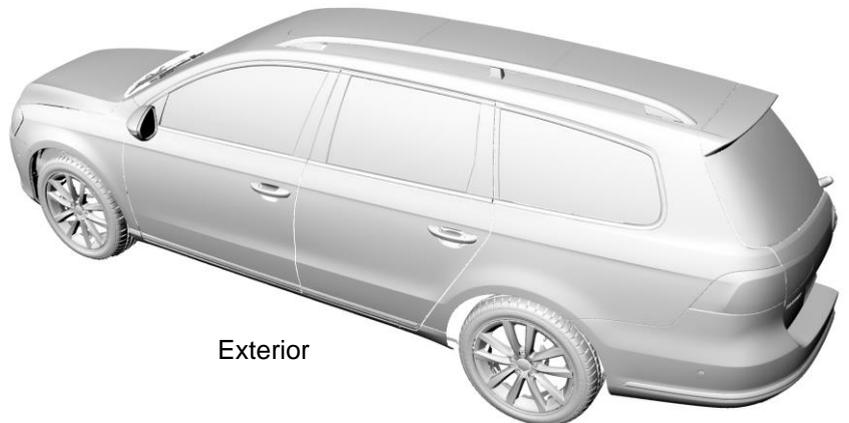


Interior

2. Extended surface product

Area around driver's compartment + Exterior (left side):

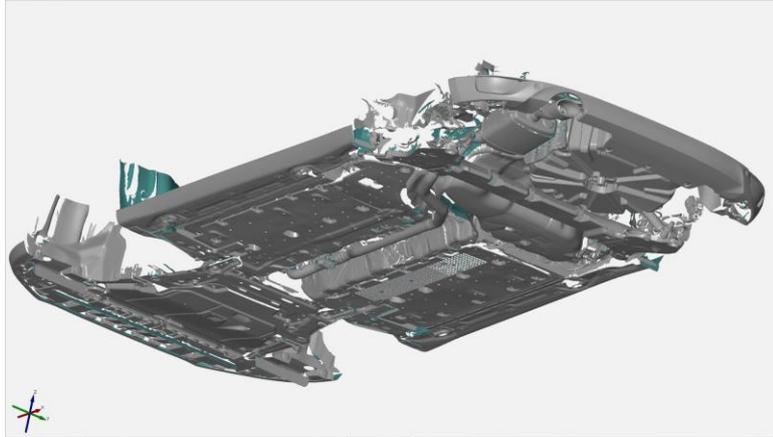
- Left side of the complete body up to the centreline, glass areas, front and rear lamp, chrome parts
- Reachable parts of left mirror, wiper arm, tires, rear part of exhaust system
- Without underground parts
- Advertisements or stickers from the manufacturer or dealer might be visible in the product since the measuring equipment is very sensitive.



Exterior

3. Options

- Underbody



- Engine room, incl. cover if applicable



It is planned to extend this area step by step in the long run.

Product description

Each surface product consists of two parts:

1. Autograph CAD Package in 3D.

- Elements and cross sections of the exterior, interior, and the luggage compartment, driver centre lines, rear passenger centre lines, car centre lines, eye ellipse template, head template, vision dimensions, etc.
- Arrangement in 14 different layers according to functional groups of the car.
- Delivery in universal IGES format.

2. Surface information as described above in STL-Format.

- Surface product (available from AGNO 1239 to 1450): interior. The complete size of the files is approximately 100-150 MB.
- or
- Extended surface product (available from AGNO 1451): interior + exterior. The complete size of the files is approximately 200-300 MB.
 - The options underbody and engine room are available from AGNO 1592.

Delivery

We provide our data quickly and conveniently by download. We send large orders on CD-ROM or DVD.

For automobile manufacturers, we recommend our convenient **subscription service** in which we automatically supply data updates as soon as a new vehicle geometry is available.

Contact

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