

LEGO 42173

LEGO Technic Koenigsegg Jesko Absolut Grey Hypercar Instruction Manual

Model: 42173 | Brand: LEGO

INTRODUCTION

The LEGO Technic Koenigsegg Jesko Absolut Grey Hypercar (model 42173) is a sophisticated building set designed for enthusiasts aged 10 and up. This 801-piece model pays homage to one of the world's fastest road-legal hypercars, offering an engaging and educational building experience. It allows builders to explore fundamental engineering concepts through its detailed and functional components.



Figure 1: The LEGO Technic Koenigsegg Jesko Absolut Grey Hypercar model and its packaging.

SETUP AND ASSEMBLY

Assembly of the Koenigsegg Jesko Absolut model is guided by comprehensive instructions provided in the box. The set contains 801 pieces, offering a rewarding challenge for builders. For an enhanced building experience, the LEGO Builder app provides intuitive 3D instructions, allowing users to zoom in, rotate models, and track their progress.

10+

801

 **Koenigsegg**



A CAR BUILDING KIT PACKED WITH DETAILED FEATURES

Figure 2: A young builder engaged in the assembly process of the LEGO Technic Koenigsegg Jesko Absolut.

Building Tips:

- Organize pieces by color and size before starting to streamline the building process.
- Pay close attention to the step-by-step diagrams in the instruction manual or the LEGO Builder app.
- Ensure all connections are firm to maintain the structural integrity of the model.

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Video 1: Official LEGO Technic Koenigsegg Jesko Absolut Grey Hypercar overview, showcasing key features and the completed model.

OPERATING FEATURES

The LEGO Technic Koenigsegg Jesko Absolut is designed with several functional elements that mimic its real-life counterpart, providing an interactive experience beyond just display.

1. Moving V8 Engine and Differential:

The model features a meticulously designed V8 engine with moving pistons and a functional differential. These components become active when the car is moved, demonstrating basic mechanical principles.

BUILD THE MOVING V8 ENGINE AND DIFFERENTIAL



Figure 3: Internal view of the functional V8 engine and differential.

2. Steering Function:

The car's steering can be controlled using a detachable knob located on the top of the model. This allows for precise maneuvering of the front wheels.



Figure 4: Demonstrating the steering mechanism via the top knob.

3. Dihedral Synchro-Helix Door System:

One of the most distinctive features is the functional dihedral synchro-helix door system. These doors rotate 90 degrees and move outwards, replicating the unique opening mechanism of the actual Koenigsegg Jesko Absolut.



Figure 5: The unique door opening mechanism.

MAINTENANCE

To ensure the longevity and appearance of your LEGO Technic model, follow these simple maintenance guidelines:

- **Cleaning:** Dust regularly with a soft brush or a can of compressed air. For deeper cleaning, gently wipe with a damp cloth and mild soap, then rinse with clean water and air dry. Avoid harsh chemicals.
- **Storage:** Store the model in a cool, dry place away from direct sunlight to prevent discoloration and warping of plastic elements.
- **Handling:** Handle the model with care, especially when operating movable parts, to prevent accidental disassembly or damage.

TROUBLESHOOTING

While LEGO Technic sets are designed for robust assembly, occasional issues may arise. Here are some common troubleshooting tips:

- **Missing Pieces:** In the rare event of missing pieces, please contact LEGO Customer Service directly. They have a dedicated service for replacing lost or missing elements.

- **Difficulty with Assembly Steps:** If you encounter difficulty with a particular step, re-examine the instruction manual or the LEGO Builder app carefully. Sometimes, a small detail can be overlooked. Ensure all pieces are correctly oriented and fully pushed into place.
- **Loose or Non-Functional Parts:** If a part feels loose or a mechanism isn't functioning as expected (e.g., steering, engine pistons, doors), retrace the assembly steps for that specific section. Often, a misaligned or incorrectly attached piece is the cause.

SPECIFICATIONS

Feature	Detail
Product Dimensions	15.04 x 10.32 x 2.78 inches
Item Weight	2.26 pounds
Country of Origin	Mexico
ASIN	B0CV2FLSXB
Item Model Number	42173
Manufacturer Recommended Age	10 years and up
Number of Pieces	801
Release Date	July 31, 2024
Manufacturer	LEGO

WARRANTY AND SUPPORT

LEGO products are known for their high quality and durability. For any concerns regarding product defects, missing pieces, or general inquiries, please refer to the official LEGO customer service channels. Detailed support information, including contact methods and FAQs, can typically be found on the LEGO website or within the product packaging.

Note: Specific warranty terms may vary by region. Please consult the official LEGO website or your local retailer for the most accurate and up-to-date warranty information.