

# KIA STINGER

## FORGED CARBON R-SPEC HOOD

### INSTALLATION GUIDE



Congratulations on purchasing the ARK Performance Kia Stinger Forged Carbon R-Spec Hood! Please read and understand these instructions before beginning work on the installation of your new ARK Performance R-Spec Hood. If you do not fully understand any of the instructions, please give us a call at 909-947-1ARK(1275) or email us at [support@ARKPerformanceusa.com](mailto:support@ARKPerformanceusa.com)

**! Before beginning installation, please verify that you have received all the pieces of your R-Spec Hood and that the packaging and product are undamaged. All ARK Performance R-Spec Hood will come with the hood and hardware (bolts will come attached to the hood). If you are missing any pieces, please contact ARK Performance.**

**! Additional hood pins/latches are required for safety purposes.**

We recommend that this R-Spec Hood be installed by someone qualified for this work or by a certified mechanic with access to the appropriate hand or power tools. By installing this ARK Performance R-Spec Hood, you indicate that you have read the instructions and you agree with the terms and conditions stated.

It is your responsibility to follow the instructions provided for this ARK Performance R-Spec Hood and exercise all necessary safety precautions. ARK Performance assumes no responsibility for damages occurring from improper installation, operation, maintenance, or from incompatibility with other manufacturer's products.

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## Important Information:

### Exclusion of Certain Liability:

1. The manufacturer, importer, and dealer of ARK Performance products hold no responsibility for any incidental damage such as personal injury or any other damages due to improper installation or operation of ARK Performance aftermarket parts.
2. ARK Performance requires all users to install hood pins / latches for safety.
3. Do not install any ARK Performance products on a vehicle model for which it was not intended for.
4. The engine bay will be very hot during and immediately after operation of the vehicle, please be careful not to burn yourself on the vehicle or parts which are in direct contact with it. Also please protect other people, especially children, from any injuries due to the hot engine bay.
5. Technical specifications of ARK Performance parts and related products are subject to change.
6. Before removing the original hood from your vehicle, please compare the parts that you received with the list of materials provided in the installation instructions. If anything is missing, contact ARK Performance before beginning installation.
7. The instructions for installation should serve as a guideline only, actual installation of ARK Performance parts may vary.
8. The process of uninstalling the stock hood may vary depending on the existing hood so please follow the original manufacturer's instructions for removal.
9. If there are any issues with installation (fitment or missing parts), please contact us right away before continuing. If the hood is modified in any way, there is no refund or warranty.

### Returns:

ARK Performance ensures careful packing of all products to prevent damage during shipping. Unfortunately damages do occur from time to time. Buyer must inspect the packaging and the product upon receiving it and notate any damages such as crushed, torn, punctured, or broken parts on both the packaging and the product itself. Notate the damage on the freight bill of lading or receipt with the driver present. Consignee must retain all packaging, packing materials, and the damaged product for the carrier's inspector to inspect. The damage claim may be denied if consignee refuses shipment or returns it without approval. A signed receipt without any notation indemnifies the carrier as well as ARK Performance from any further damage claims. All damages must be notified to the dealer and/or ARK Performance within 72 hours.

In the case that the driver cannot wait for your notation of the damages, notate the following. On the bill of lading or receipt write "driver did not have time for to inspect and notate any damage upon delivery". Then sign for the product and accept the package.

### Check Local Laws:

Because of the world-wide distribution of ARK Performance products, neither ARK Performance nor any of its subsidiaries make any representation that the products complies with the air and/or noise emissions laws, or labeling laws, of any jurisdiction. The purchasers are entirely responsible for informing themselves of the applicable laws where the products are to be used and to comply with those law.

The purchasers are entirely responsible for informing themselves of applicable California laws and to comply with those laws. CA Residents: This product may expose you to chemicals including nickel (metallic) and chromium (hexavalent compounds) which are known to the State of California to cause cancer. Learn more at: <https://www.p65warnings.ca.gov/>

Various U.S. states and the U.S. federal government have individual laws regulating the use of aftermarket parts and systems, especially as those parts and systems modify, remove, or replace original equipment. Please consult the appropriate laws in your area before installing any aftermarket part or system on your vehicle to ensure compliance with all applicable laws. Neither ARK Performance nor any of their subsidiaries or the sellers of the parts or systems make any representation that any of their parts or systems comply with any such laws.

Trademarks The ARK Performance logo is a registered trademark of ARK Performance Inc. USA.

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#### Included Parts:

- Forged Carbon Hood
- 4x Hood Bolts (12 mm head)

#### Tools Needed:

- Socket Wrench:  
12 mm
- Wrench:  
12 mm
- Small hook to remove shocks
- Two additional people to help out

#### Estimated Installation Time:

- Less than 2 hours (Installation time will vary depending on adjusting fitment)

 The following guide features images from the Kia Stinger 2019 AWD model and may show technicians using power tools. Hand tools will work perfectly fine. Your vehicle's appearance and installation may differ slightly, however, the basic concept and installation will be very similar.



#### BEFORE YOU INSTALL:



- **\*IMPORTANT\*** If any items in the package are missing please contact ARK or your authorized dealer before installation.
- Before removing the original hood, be sure to give sufficient time for the engine bay and surrounding parts to cool down. They can be extremely hot!
- We highly advise to have an experienced person or certified mechanic install the hood.
- Please properly dispose of any excess parts that may be produced as a result of removing or altering the existing hood.
- While installing the new system, do not initially fully tighten nuts and bolts. Begin by loosely fastening all nuts and bolts until everything is installed, then tighten them down to the proper torque specs as you align the hood for best fitment.
- Install hood pins / latches for safety.

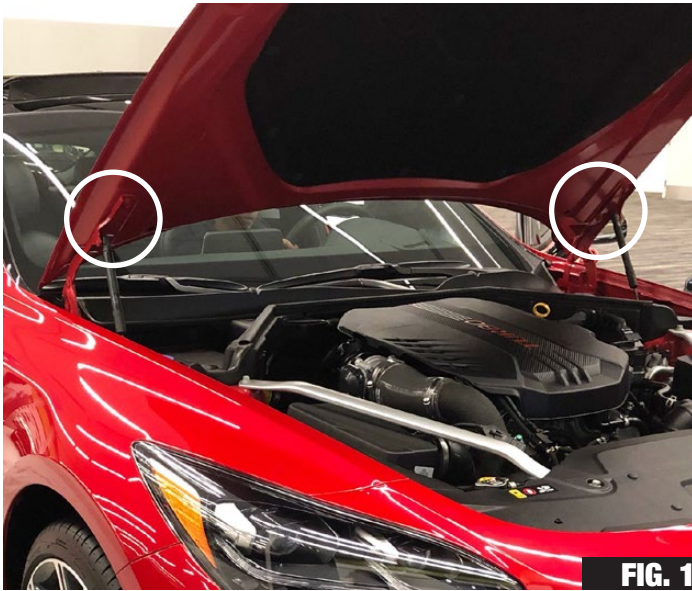


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#### OEM/STOCK HOOD REMOVAL:



1. Have an additional two people hold up the hood as you remove the bolts from the hinges holding the hood. After taking off the hood, take off the two rubber stoppers from the front portion of the hood.



2. Using the small hook tool, remove the hood struts from the hood hinges.



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## ARK HOOD INSTALLATION:

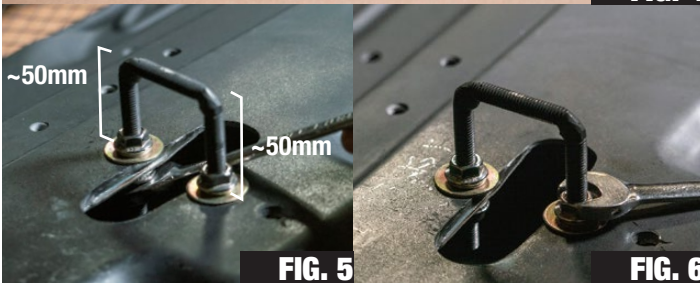
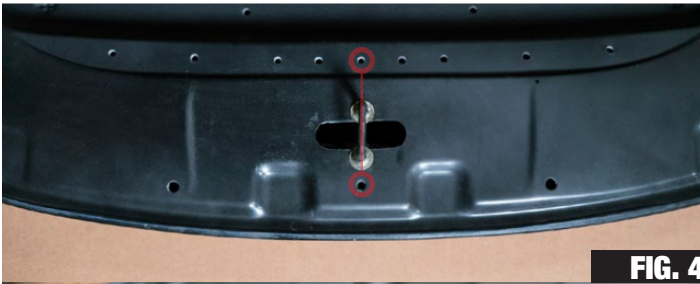


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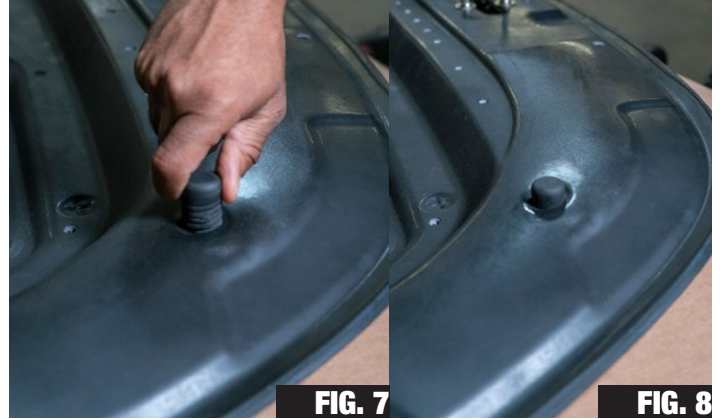
## ARK HOOD INSTALLATION (CONT.):



1. Remove all plastic packaging material from the hood. You should see that there is a wooden block on each corner. Remove the bolts and save them for the installation. Do not use the OEM / stock bolts for the R-Spec hood.



2. The adjustable hood latch catch will need to be adjusted to fit your vehicle. Use the 12mm wrench to adjust the nuts. We recommend that you adjust the height to approximately 50mm from the base to the top. Make sure to keep the height level on both ends. The latch catch should also be following the line created by the two holes indicated in Fig. 4.



3. Take the OEM / Stock rubber stoppers and fit them in the appropriate holes. Turn the stoppers all the way into the holes until the threads are no longer visible. You may need to adjust the height of the stoppers later for better fitment.



4. Lift the hood hinges, and place the R-Spec Hood on top while lining up the hood's bolt holes with the hinges' bolt holes. Using the bolts (from step 1), screw in the bolts to hold the hood in place but do not fully tighten bolts yet.



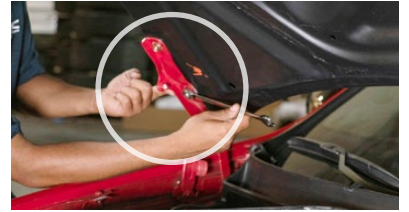
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## ARK HOOD ADJUSTMENT GUIDE:



### **Hood Edge Spacing:**

Adjust the gaps around the hood by manually moving the hood into place. Check the gaps on all sides, and once you are satisfied, carefully open the hood and fully tighten the bolts on the hood hinge.



### **Front Edge Height / Slope:**

Adjust the height and slope of the hood by increasing or decreasing the height of the adjustable hood latch catch.



### **Front Corner Height:**

Adjust the height of each front corner by adjusting the height of the rubber stoppers.



## **First Operation of Vehicle with ARK Performance Hood:**

 Hood pins / latches are required to ensure safety. 

- Before starting the vehicle, be sure that the hood is secure and not moving. No part of the hood should be touching a heat sensitive area or an area that will cause rattling or vibrations.
- Remember to regularly check the condition of the hood's fitment to make sure that nothing has come loose. Vehicle vibration, weather, and external factors while driving may affect hood fitment especially the hood latch catch.

## **Maintenance:**

- Please **DO NOT USE any acidic chemicals or abrasive materials** when cleaning your ARK Performance hood.
- You may treat the resing surrounding the forged carbon similarly to painted vehicle surfaces. Clean as you would with the painted vehicle surface and apply your choice of wax or sealant.