

RaceHouse Valved Cat-Back Installation

2018-2023 Kia Stinger 3.3T

Mechanical and valve-system installation checklist for the RaceHouse cat-back sold by KJT.

KJT PRODUCT PAGE: RaceHouse Kia Stinger 3.3T Valved Cat-Back Exhaust

KJT Product Reference

RaceHouse Kia Stinger 3.3T Valved Cat-Back Exhaust

Product image and purchase link from the Kim Jong Tuned website.



[Open KJT product page](https://www.kimjontunedperformance.com/product-page/racehouse-kia-stinger-3-3t-valved-cat-back-exhaust)

KJT URL:

<https://www.kimjontunedperformance.com/product-page/racehouse-kia-stinger-3-3t-valved-cat-back-exhaust>

Added from KJT site only

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Guide rule

Exact factory torque values are included only when the source material supports them. Product-specific settings remain tied to the manufacturer. Where the public source does not expose an exact value, verify by VIN in KGIS or Genesis TechInfo.

1. Product and prep

- RaceHouse lists this system for 2018-2023 Kia Stinger 3.3T.
- The system uses factory mounting points and includes required installation hardware.
- Plan both mechanical exhaust installation and valve-control/wiring setup.

Support each exhaust section before releasing hangers. Long stainless sections can swing when the final hanger or flange is released.

2. Mechanical installation

1. Allow the exhaust to cool completely and raise the vehicle safely.
2. Photograph factory exhaust hanger orientation, valve wiring and rear tip alignment before disassembly.
3. Disconnect factory active-exhaust valve wiring if equipped and secure connectors.
4. Support rear muffler sections and remove connections working from rear toward center.
5. Lubricate and remove rubber hangers.
6. Remove factory cat-back sections and compare every RaceHouse section on the floor before installation.
7. Install the new exhaust from front to rear with all clamps/flanges loose.
8. Install muffler and tail sections into factory hangers and center the tips in the bumper openings.
9. Route and connect the valve harness/controller according to the RaceHouse hardware supplied. Keep wiring away from exhaust tubing.
10. Tighten exhaust connections gradually while preserving tip alignment and clearance.
11. Start the car and test valve-closed and valve-open operation. Inspect every joint for leakage or body contact.
12. After the first heat cycle, cool the exhaust and recheck clamp/flange security and tip alignment.

Sources and verification

KJT RaceHouse product page

Fitment, factory mounting points and included hardware.

<https://www.kimjongtunedperformance.com/product-page/racehouse-kia-stinger-3-3t-valved-cat-back-exhaust>

Visual Stinger cat-back reference

Third-party Stinger chassis install reference. Orientation only, not RaceHouse torque.

<https://www.youtube.com/watch?v=-QVMXGf2LZ0>