



Catback Exhaust for 10th Gen Civic Type-R

2018-08-28

AHP-EXT-303

Thank you for purchasing this ALTA product for your car! Installation of this product should only be performed by persons experienced with installation of aftermarket performance parts and proper operation of high performance vehicles. If vehicle needs to be raised off the ground for installation, the installer must use proper jacks, jack-stands and/or a professional vehicle hoist for safety of the installer and to protect property. If the vehicle is lifted improperly, serious injury or death may occur! Please read through all instructions before performing any portion of installation. If you have any questions, please contact our tech department prior to starting installation. We can be reached in any of the following methods:

Email Tech@ALTAperformance.com

Instant Chat off the main page of www.ALTAperformance.com

Or simply call our tech team at 503-693-1702

GENERAL MODIFICATION NOTE

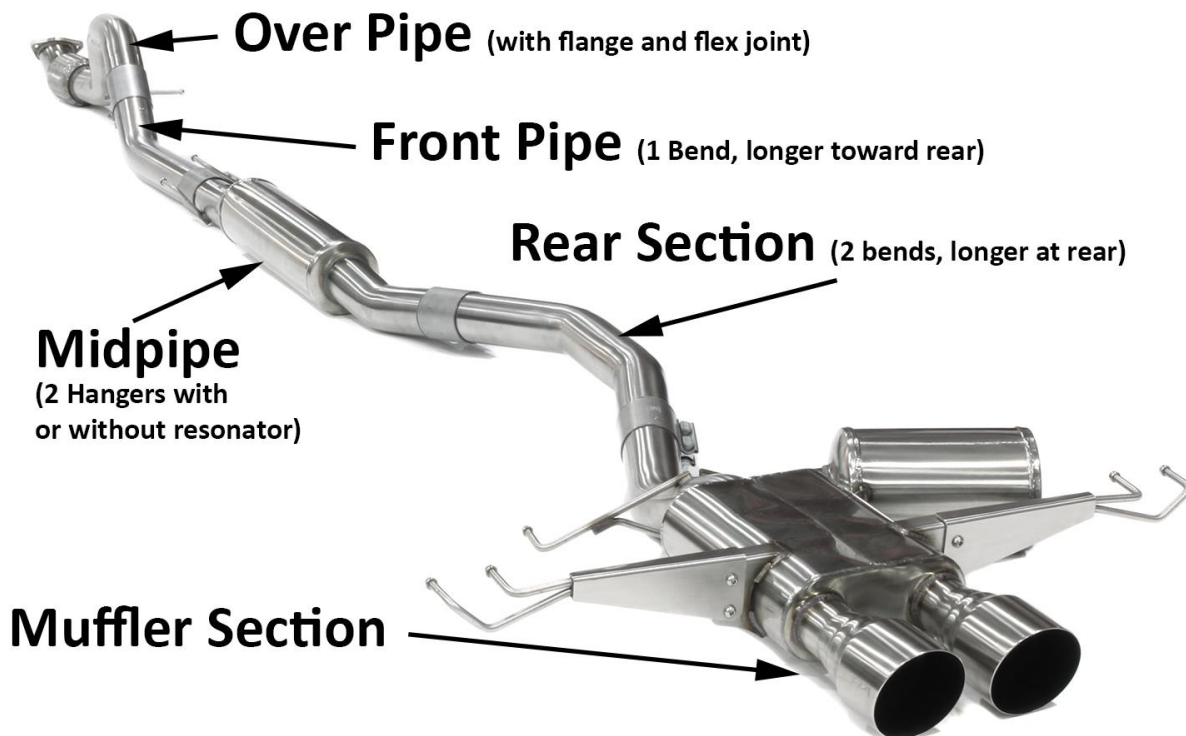
Modifications to any vehicle can change the handling and performance. As with any vehicle extreme care must be used to prevent loss of control or roll-over during sharp turns or abrupt maneuvers. Always wear seat belts, and drive safely, recognizing that reduced speeds and specialized driving techniques may be required. Failure to drive a vehicle safely may result in serious injury or death. Do not drive a vehicle unless you are familiar with its unique handling characteristics and are confident of your ability to maintain control under all driving conditions. Some modifications (and combinations of modifications) are not recommended and may not be permitted in your state or country. Consult the owner's manual, service manual, instructions accompanying these products, and local laws before purchasing and installing these modifications. You are responsible for the legality and safety of the vehicle you modify using these components.

SPECIAL NOTES:

- The use of penetrating oil will greatly reduce the chances of galling threads on bolts as they are removed.
- We highly recommend the use of anti-seize on threads of all OEM bolts when reassembling.

Parts Included with the ALTA Type-R Exhaust:

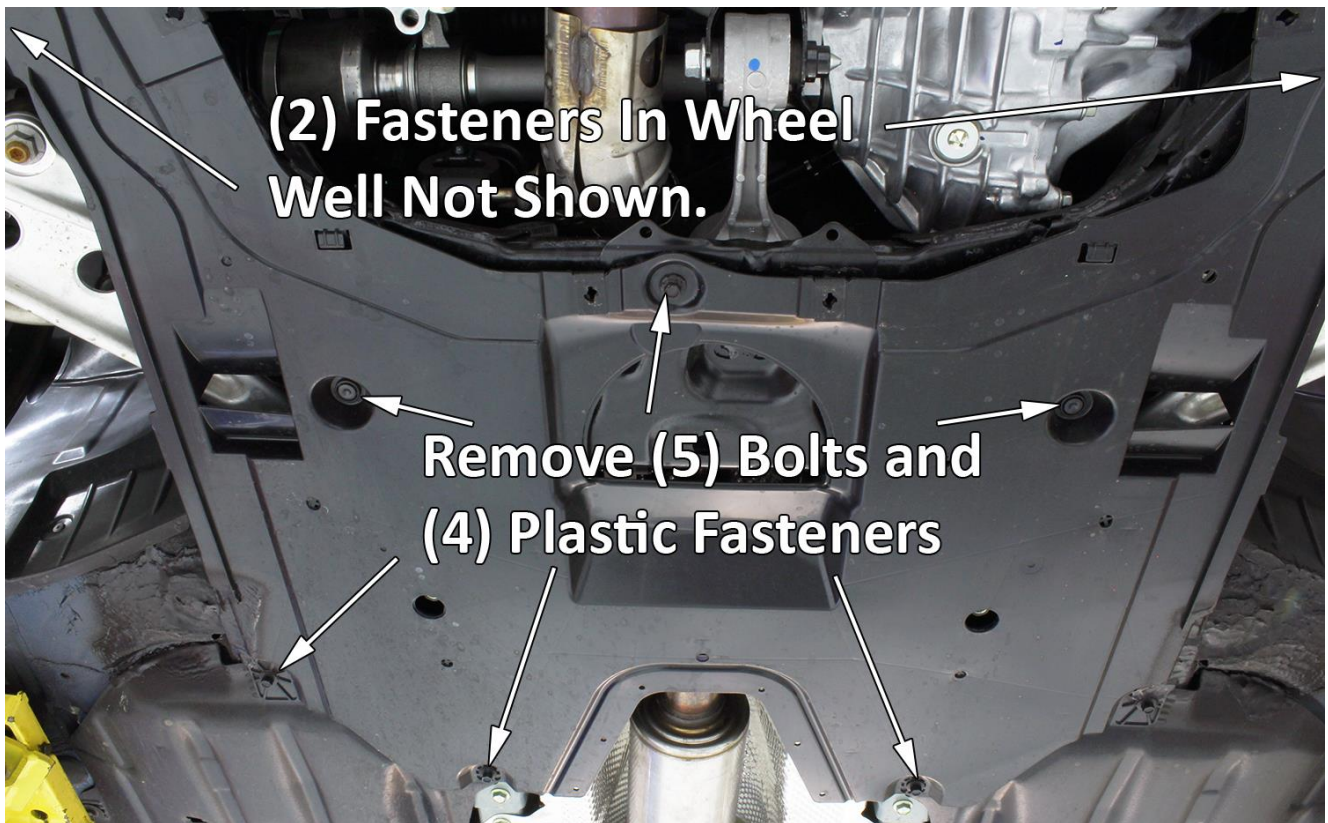
- (1) Muffler Section with Chamber
- (1) Left and Right Set of Muffler Hangers
- (1) Overpipe w/ Flex Joint
- (1) Front Pipe with 1 Bend
- (1) Midpipe with hangers
- (1) Rear Section with 2 Bends
- (4) 3.0" Exhaust Union Clamps
- (1) 3 Bolt Type Gasket
- (4) 3/8-24 x 3/4" Button Head Bolts
- (4) 3/8-24 Nuts
- (8) Fender Washers SS





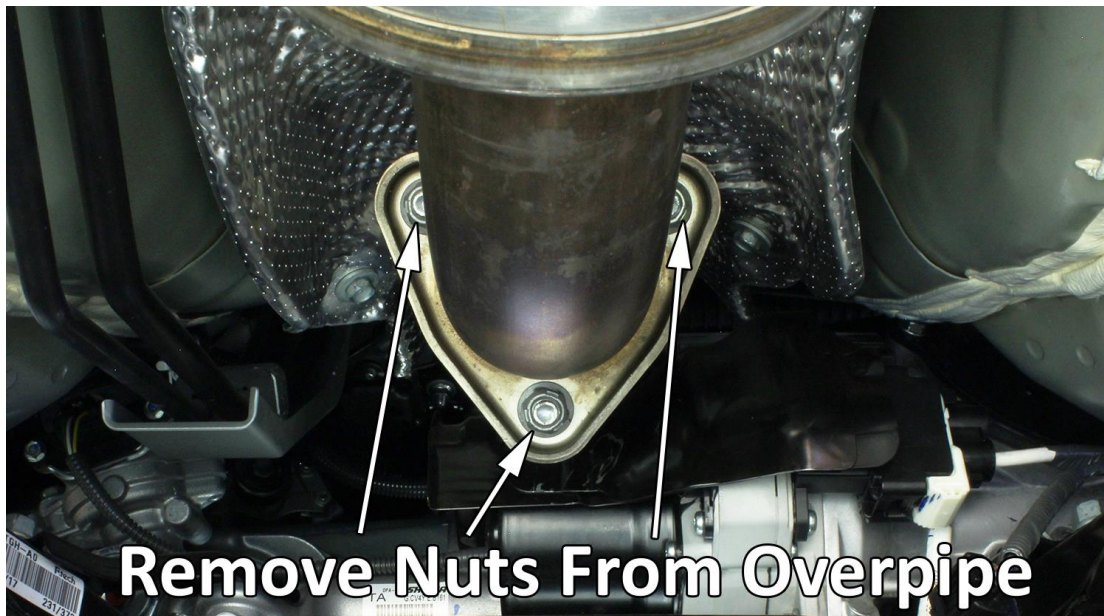
Installation of Catback

1. Locate aluminum splash guard under car and remove fasteners as shown.
2. Locate and remove additional fasteners holding plastic rear splash guard to chassis. Pull plastic shield down to expose center portion of exhaust.





3. Starting with the 3-bolt flange just behind the subframe, remove (3) nuts.



4. Moving toward the rear of the car, remove one side of the rubber exhaust hanger as shown. Rotate hanger upwards and then removed from chassis side of hanger (leaving one side of hanger attached to OEM exhaust).
NOTE: The use of a spray lube or penetrating oil on rubber hangers will greatly aid in removal. Also, the use of small pry bars can make this job much easier.

Remove One Side At A Time From Hanger

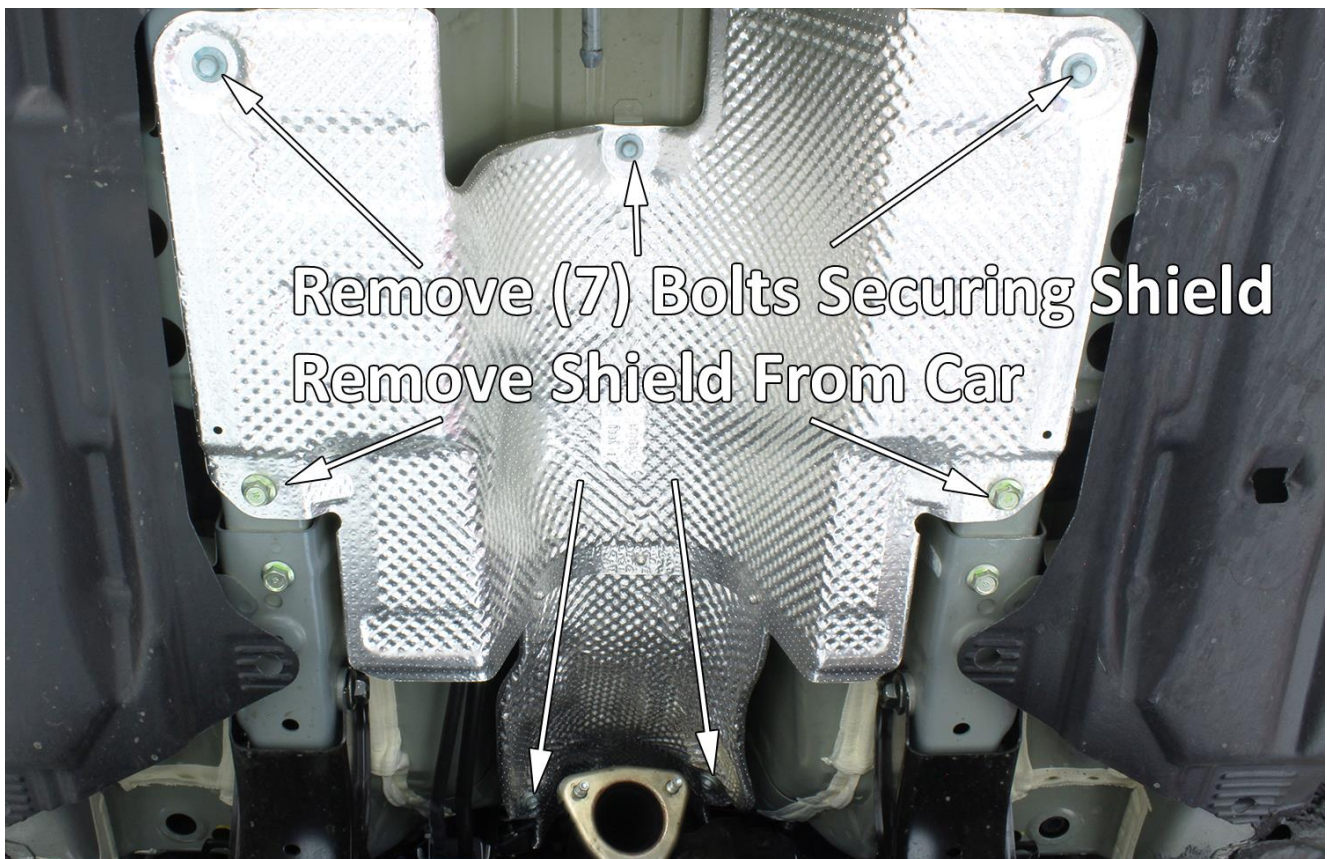


5. Support front section of exhaust with proper stand while removing rear most section of exhaust.
6. Moving further toward rear of car, remove (2) rubber hangers from exhaust, leaving hangers attached to chassis.
NOTE: The use of a spray lube or penetrating oil on rubber hangers will greatly aid in removal. Also, the use of small pry bars can make this job much easier.

7. Locate and remove plastic fasteners holding rear felt splash guards to bumper. Pull down splash guards to expose rear most muffler hangers.



8. Remove hangers from exhaust leaving them attached to the chassis and be prepared to remove entire exhaust from vehicle. **NOTE: The use of a spray lube or penetrating oil on rubber hangers will greatly aid in removal. Also, the use of small pry bars can make this job much easier.**
9. Locate aluminum heat shield just above front subframe and remove bolts as shown. **NOTE: This is done to make removal of overpipe much easier.**



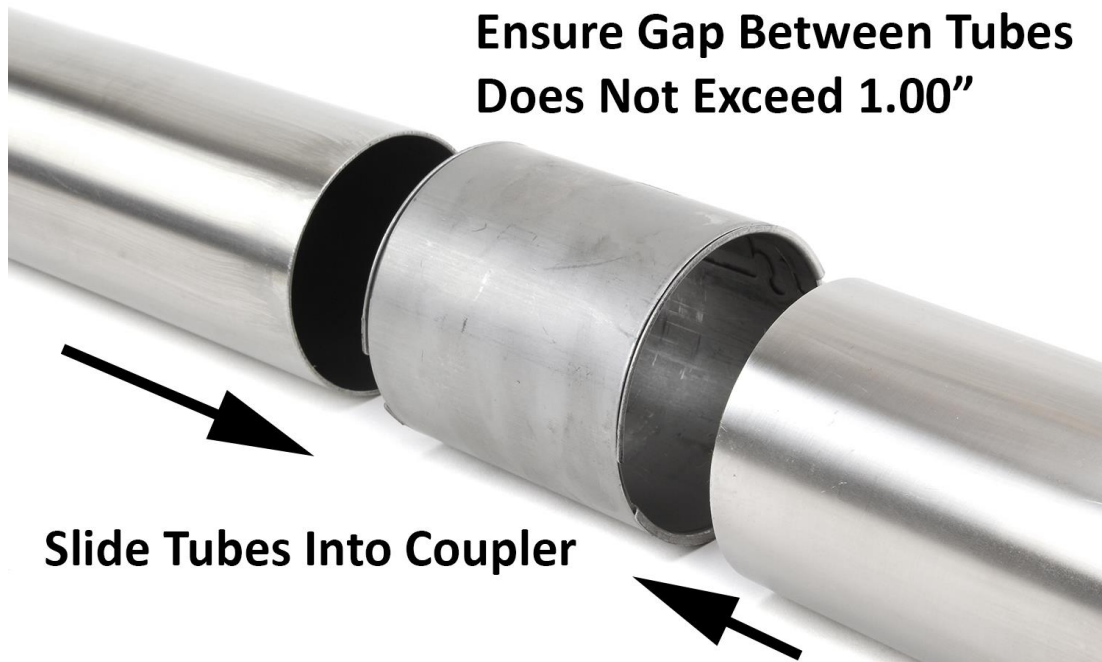
10. Remove (3) nuts securing overpipe to downpipe. **NOTE: Sometimes the stud will come off with nut. This is ok as long as the threads are not damaged on the way out. When reinstalling them, treat them like installing a bolt as the nut and stud will be stuck together.**
11. Remove hanger from overpipe, leaving hanger attached to chassis.



12. Remove overpipe from car pulling toward rear of car. **NOTE: Take care to not damage any of the power steering parts while removing.**
13. Install ALTA over pipe from behind the subframe toward downpipe and slide onto hanger. **NOTE: Using spray lube will aid greatly in getting mount to slide into rubber hanger.**
14. Install overpipe onto downpipe, making sure to install supplied 3 bolt gasket between overpipe and downpipe. Leave nuts slightly loose at this time.
15. Install supplied hangers to muffler (hangers pointing away from tips) using supplied 3/8-24 hardware and washers. Leave bolts slightly loose at this time.
16. Install muffler section onto hangers. **NOTE: Using spray lube will aid greatly in getting mounts to slide into rubber hangers.**



17. Install one of the supplied 3" exhaust couplers over muffler section. Make sure to slide it on roughly half the depth of the coupler.
18. Install rear section of exhaust (2 bends) to coupler on muffler section. Make sure that longer portion of rear section is connecting to muffler section. This can be installed backwards but will have clearance issues with bottom side of car in future steps. Snug down bolts on coupler to hold tube in place.



19. Install one of the supplied 3" exhaust couplers completely over rear section, leaving nothing overhanging. This will be slid back over after midpipe is installed.
20. Remove rubber hanger from OEM exhaust and install it the midpipe making sure to put the "UP" side pointing up toward the car. **NOTE: Using spray lube will aid greatly in getting mounts to slide into rubber hanger.**
21. Install midpipe to hanger on chassis and line up to rear section. Slide exhaust coupler from rear section to midpipe and snug bolts to hold in place.
22. Slide remaining exhaust couplers completely over midpipe and overpipe, making sure nothing is over hanging.
23. Install front section between overpipe and midpipe (short end goes onto overpipe side). Slide exhaust couplers over both ends roughly half way and snug down bolts.
24. Starting at the front, tighten (3) nuts at downpipe to 25ft-lbs.
25. Adjust the tips to the desired position by loosening hardware and retightening after they are in your desired position. **NOTE: Expect to do this one more time at the end of the installation.**
26. Adjust entire system one piece at a time to desired position (ensuring ample clearance around tubes). During this process, rotating tubes within the couplers will be necessary and may require adjusting each piece a couple of times. Make sure that equal amounts of tubing are placed inside of coupler, and not exceeding more than 1" of a gap between ends of tubes. **NOTE: Tip length can be adjusted during this step by adding small gaps between each coupler.**
27. Once system is in desired position, tighten all bolts to 25ft-lbs of torque, and couplers to 40ft-lbs. **NOTE: Do not use an impact gun on these clamps or damage to the threads will occur!**
28. Start vehicle and check for leaks prior to driving vehicle. **NOTE: DO NOT START VEHICLE IN AN ENCLOSED AREA AS DEATH CAN RESULT FROM CARBON MONOXIDE POISONING. ALWAYS OPERATE IN A WELL-VENTILATED AREA!**
29. After a week of driving recheck (3) nuts holding overpipe to downpipe, as well as all nuts on exhaust couplers.

SPECIAL NOTES: NEW EXHAUST SYSTEMS WILL HAVE SOME ODOR AND OR SMOKE ASSOCIATED WITH THE INSTALLATION AND BREAK IN PROCESS. BOTH SHOULD BE ELIMINATED WITHIN 100 MILES OF FREEWAY DRIVING. HOWEVER, IF EXCESSIVE SMOKE OR ODOR IS NOTED AT INITIAL START-UP, CHECK ENTIRE INSTALLATION PRIOR TO PROCEEDING TO TEST DRIVE. STAINLESS STEEL WILL DISCOLOR THROUGHOUT THE LIFETIME OF THE SYSTEM. THIS IS NORMAL AND NOT CAUSE FOR CONCERN.

**Questions, Comments and Suggestions Contact: Tech@ALTAperformance.com
Visit Our Website for Instant Chat Options at www.ALTAperformance.com
Call Our Tech Team at 503-693-1702**