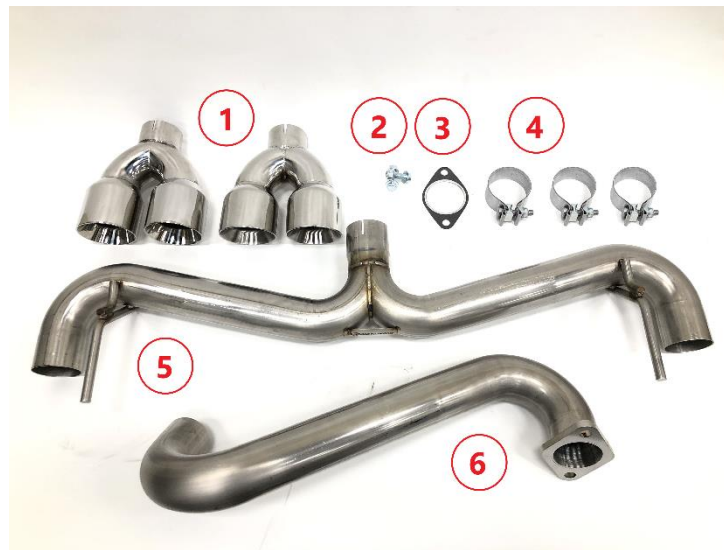




# INSTALLATION INSTRUCTIONS

## FFA1.10200.1 / FFA1.10200.2

Subaru WRX 2011-2014 / STI 2008-2014 Hatchback Axle Back



### BILL OF MATERIALS

| Item # | Description    | QTY |
|--------|----------------|-----|
| 1      | EXHAUST TIPS   | 2   |
| 2      | BOLTS AND NUTS | 2   |
| 3      | GASKET         | 1   |
| 4      | CLAMPS         | 3   |
| 5      | EXHAUST PIPE 1 | 1   |
| 6      | EXHAUST PIPE 2 | 1   |

### TOOL LIST

|  |
|--|
| RATCHET                                |
| 14mm, 15mm SOCKET / OPEN END WRENCH    |
| EXHAUST HANGER REMOVAL TOOL (OPTIONAL) |
| TORQUE WRENCH                          |
| WIRE BRUSH                             |
| RUBBER MALLET                          |

### MODELS

|                         |
|-------------------------|
| 2011-2014 WRX HATCHBACK |
| 2008-2014 STI HATCHBACK |

**DISCLAIMER:** PLEASE READ AND MAKE SURE YOU FULLY UNDERSTAND THE INSTALLATION INSTRUCTIONS PRIOR TO INSTALLING FACTION FAB PRODUCTS AND ACCESSORIES. FAILURE TO INSTALL THE PRODUCT CORRECTLY CAN AND WILL RESULT IN IRREVERSIBLE VEHICLE DAMAGE AND OR PERSONAL HARM. IF YOU DO NOT FEEL COMFORTABLE WITH ANY OF THE REQUIRED STEPS, WE HIGHLY SUGGEST TAKING THE VEHICLE TO A QUALIFIED AND EXPERIENCED TECHNICIAN. FAILURE TO UNDERSTAND THE INSTRUCTIONS WHICH RESULTS IN DAMAGE AND OR INJURY IS THE SOLE RESPONSIBILITY OF THE INSTALLER AND ALL FAULT LIES WITH THAT PARTY AND OR INDIVIDUAL AND IS NOT IN ANY WAY, SHAPE OR FORM THE RESPONSIBILITY OF FACTION FAB.

FACTION FAB PRODUCTS ARE SOLD FOR "OFF-ROAD" USE ONLY AND MAY NOT MEET LEGAL REQUIREMENTS FOR OPERATIONS ON PUBLIC ROADS AND HIGHWAYS. WE PUT THE RESPONSIBILITY SOLELY ON THE END CONSUMER/CUSTOMER TO VERIFY THAT THE PRODUCTS DO NOT AFFECT THE VEHICLES ELIGIBILITY TO BE DRIVEN ON PUBLIC ROADS AND HIGHWAYS. INSTALLATION OF FACTION FAB PRODUCTS MAY VOID FACTORY OR AFTERMARKET WARRANTIES.

USE OF PRODUCT IN A NON-CONFIRMED APPLICATION, DISASSEMBLY OF THE PRODUCT, MODIFICATION OF THE PRODUCT, EXPOSING PRODUCT TO CORROSIVE OR PETROLIUM BASED CHEMICANS WILL VOID ANY AND ALL WARRANTY.

1

RAISE THE REAR END OF THE VEHICLE. ALWAYS ENSURE PROPER SAFETY PROCEDURE IS FOLLOWED WHEN WORKING UNDERNEATH YOUR CAR, INCLUDING THE USE OF JACK STANDS OR OTHER EQUIPMENT



2

USING A 14mm, LOOSEN THE BOLTS CONNECTING THE MID-PIPE TO THE MUFFLER. LEAVE THE BOLTS IN THE HOLES UNTIL YOU'RE READY TO REMOVE THE MUFFLER



3

REMOVE MUFFLER BRACKETS FROM RIGHT SIDE HANGERS



4

REMOVE MUFFLER BRACKET FROM LEFT SIDE HANGERS. BE PREPARED FOR THE EXHAUST TO FALL



5

REMOVE BOLTS FROM THE FLANGE AND REMOVE MUFFLER



6

CLEAN THE MID-PIPE FLANGE WITH A WIRE BRUSH TO REMOVE OLD GASKET MATERIAL. THIS ENSURES A PROPER SEAL WITH THE NEW GASKET



**7**

SLIP 1 CLAMP ONTO THE MIDDLE END OF EXHAUST PIPE 1, THEN SLIDE EXHAUST PIPE 2 INTO EXHAUST PIPE 1. DO NOT TIGHTEN CLAMP



**8**

INSTALL THE FACTIONFAB EXHAUST ON THE REAR HANGERS. (FRONT REMAIN UNUSED)



**9**

PUT A BEAD OF ANTI-SEIZE ON THE BOLTS AND WORK IT INTO THE THREADS



**10**

INSTALL GASKET, BOLTS, AND NUTS IN THE FLANGE, BUT DO NOT TIGHTEN ALL THE WAY (THIS WILL BE DONE IN THE LAST STEP)



**11**

SLIDE THE CLAMP ONTO THE EXHAUST PIPE, FOLLOWED BY THE EXHAUST TIP



**12**

FIT THE TIPS TO DESIRED DEPTH AND ORIENTATION, WHILE ENSURING THAT THERE IS NO CONTACT WITH THE BUMPER





### 13

DUE TO MANUFACTURING AND SHIPPING, THE TIP MAY BE A TIGHT FIT ON THE EXHAUST PIPE, AND USE OF LIGHT FORCE MAY BE NECESSARY TO GET THE THEM IN THE PROPER POSITION. IF NEEDED, WE HIGHLY RECOMMEND A CLEAN RUBBER Mallet AND PADDING (SUCH AS A MICROFIBER TOWEL) TO **LIGHTLY** TAP THE TIP ONTO THE PIPE. THE TIPS ARE DESIGNED TO HAVE ~3/4" ADJUSTABLE VARIANCE IN THE DEPTH AND CAN BE SET TO YOUR TASTE

### 14

ORIENT THE CLAMP FOR EASY ACCESS WHILE ALSO GIVING CLEARANCE. TIGHTEN THE CLAMP WITH A 15mm TO **20 ft·lbs** WHILE MAKING SURE TO NOT MOVE THE TIP



### 15

COMPARE VERTICAL DISTANCE BETWEEN THE LEFT AND RIGHT TIPS AND THE BUMPER, THEN TIGHTEN CENTER CLAMP TO **20 ft·lbs**



### 16

ADJUST THE VERTICAL DISTANCE OF THE TIPS IF NECESSARY OR HAVE A FRIEND HOLD IT IN THE DESIRED FINAL FITMENT LOCATION. TIGHTEN THE FLANGE BOLTS WITH A 15mm TO **30 ft·lbs**



### 17

DROP THE VEHICLE BACK TO THE GROUND, DRIVE VEHICLE AND CHECK TO MAKE SURE THAT THERE IS STILL NO CONTACT WITH BUMPER WHILE SETTling. RE-TORQUE HARDWARE AFTER 2 HEAT CYCLES.

