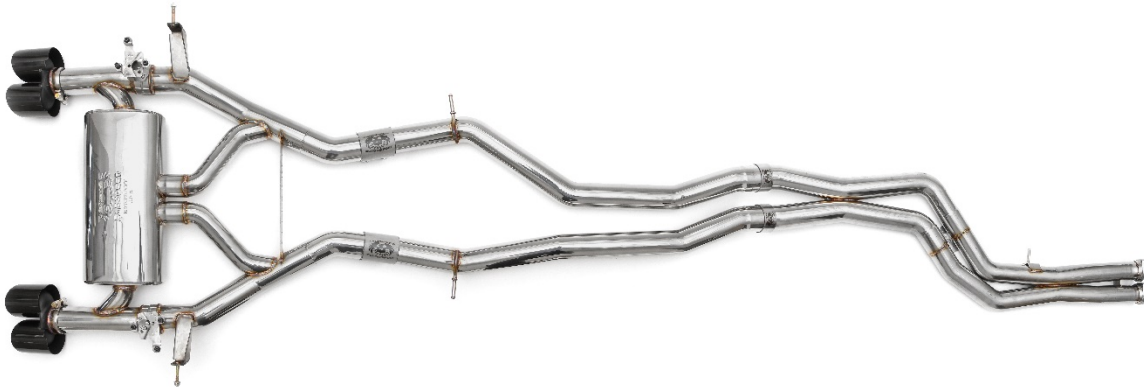




FABSPPEED
M O T O R S P O R T

BMW F8x M3 & M4 Valvetronic Exhaust System

SKU: FS.BMW.F8X.VLVP



Required Tools

Hydraulic Lift or Floor Jack & Stands
Metric Socket Set w/ Ratchet & Extensions
Metric Open-End Wrench Set
Inverted Torx Bits
Hex Head (Allen) Bits
Pole Jack or Jack Stands
Small Flashlight (Optional)
Rubber Mallet (Optional)
Flat-Head Pry Bar (Optional)

CAUTION

- *Always allow car to cool before performing any installation(s) or service(s) on it.*
- *Always be sure to work on an even and level surface when raising vehicle(s) with a jack, and support all raised vehicles with locked jack stands once elevated.*
- *Fabspeed Motorsport recommends that all installations be supervised or verified by a trained professional technician.*
- *Fabspeed Motorsport is not responsible for any personal injury or damage(s) sustained to a vehicle during installation of aftermarket performance parts.*

INSTALL GUIDE

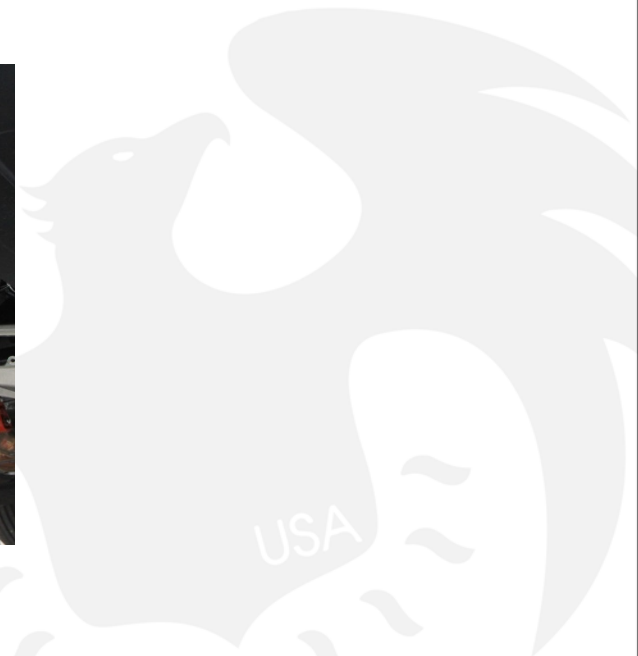
1. Place vehicle on lift and spray clamps and connections with rust penetrant (if necessary).



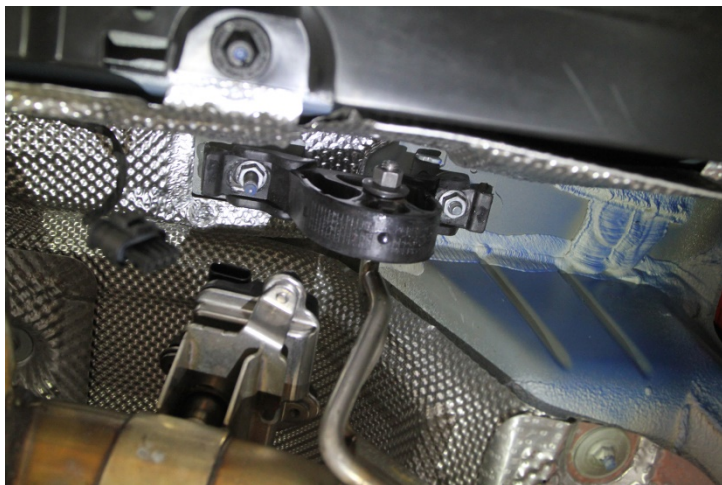
2. Unplug factory exhaust valve electrical connectors (one on each side of rear muffler).



3. Support the rear muffler with a pole jack.



- Using a 13mm socket, remove the (2) nuts securing the rubber exhaust hanger on either side of the rear muffler.



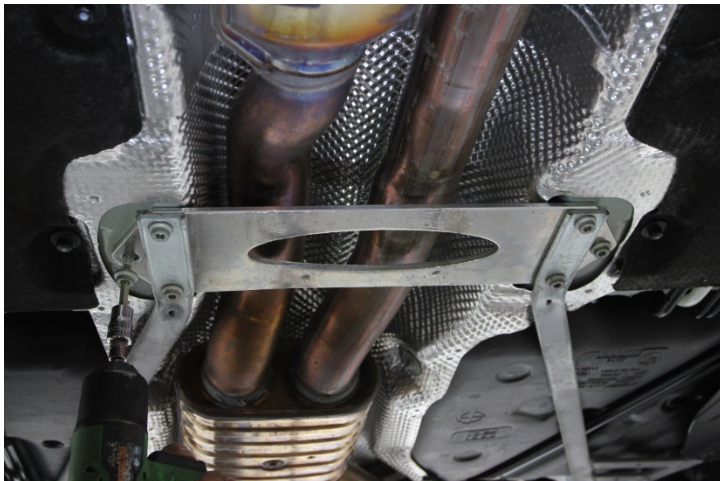
- Using a 13mm socket, remove the bolt directly in front the rear axle on the left side of the vehicle.



- Remove the 13mm nut and 8mm screw from in front of the rear axle on the right side of the vehicle.



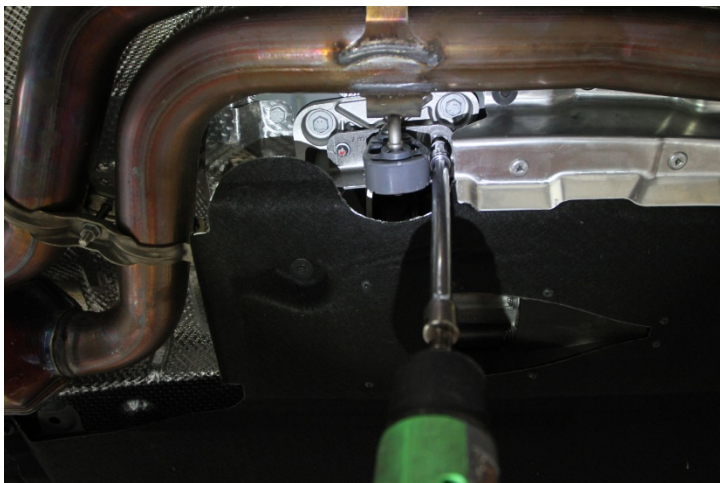
- Using a 6mm hex-head bit, remove the (6) bolts from the aluminum cross brace in the center of the vehicle.



- Slide out and remove the aluminum cross brace; set aside.



- Using an E10 inverted Torx bit, remove the (2) bolts from the front exhaust hanger bracket.



10. Support the front of the exhaust with a pole jack.



11. Using an 11mm socket, remove the (4) nuts securing the front exhaust flanges to the downpipes.



12. With the help of an assistant, lower the factory exhaust from the vehicle.



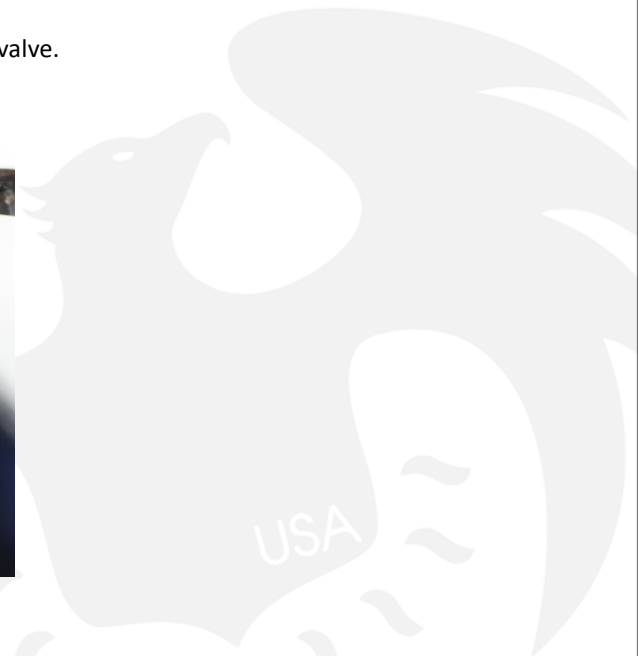
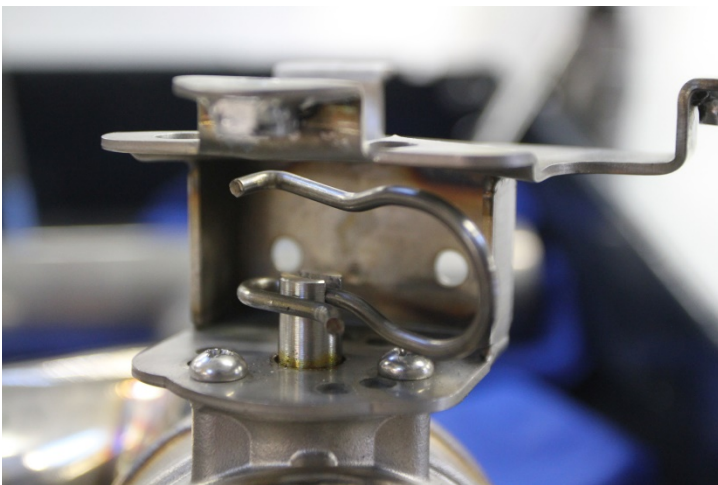
- Using a 10mm socket, remove the (3) bolts securing the factory valve actuator on each side of the factory muffler.



- Ensure that the Fabspeed valves are in the shut position.



- Place supplied spring pin onto the slotted shaft on the Fabspeed valve.



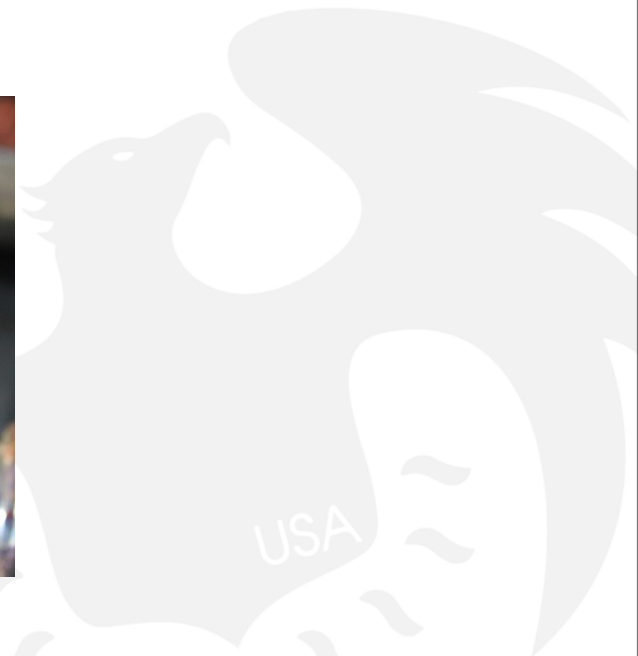
16. Position the factory valve actuator onto the bracket on the Fabspeed valve. Be sure that the slotted actuator shaft aligns with spring pin.



17. Install and tighten the (3) supplied 5mm hex head screws.



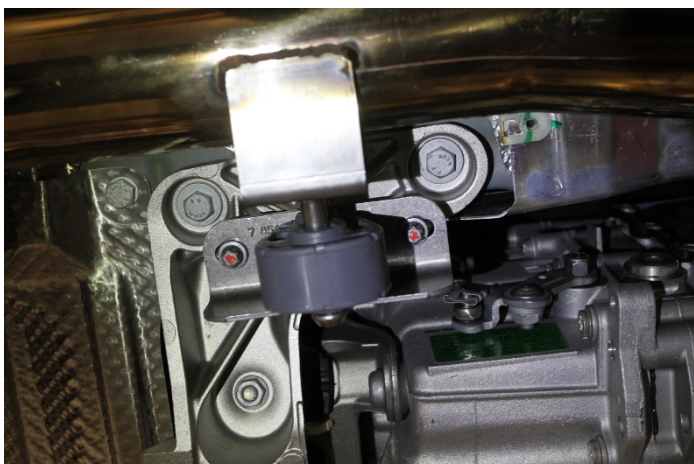
18. Repeat steps 13 through 17 on the remaining valve.



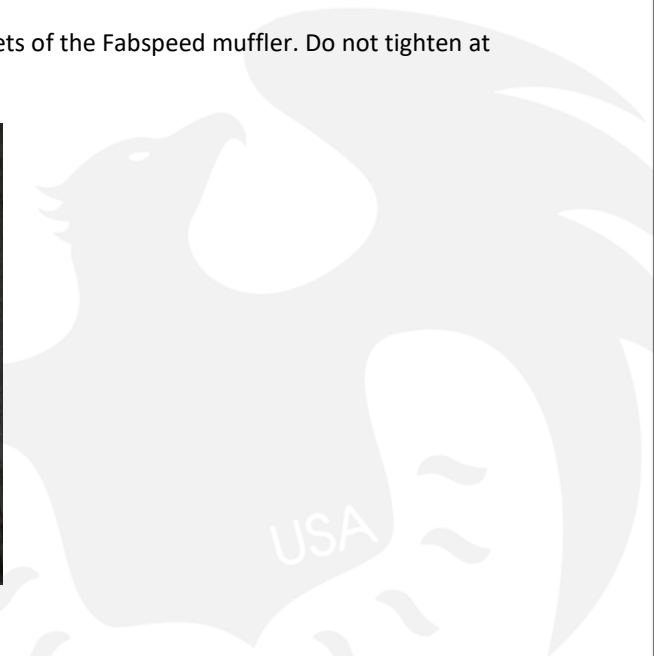
19. Position Fabspeed X-Pipe under vehicle and slide onto flange studs. Tighten the (4) 11mm bolts to secure in place. *(If installing with Fabspeed Catbypass Downpipes, supplied flange bolts will be 13mm.)*



20. Remove factory rubber hanger and bracket and install on Fabspeed X-Pipe. Insert and tighten (2) E10 inverted Torx screws to secure the exhaust hanger.



21. Slide Fabspeed rear exhaust inlet pipes and clamps onto the inlets of the Fabspeed muffler. Do not tighten at this time.



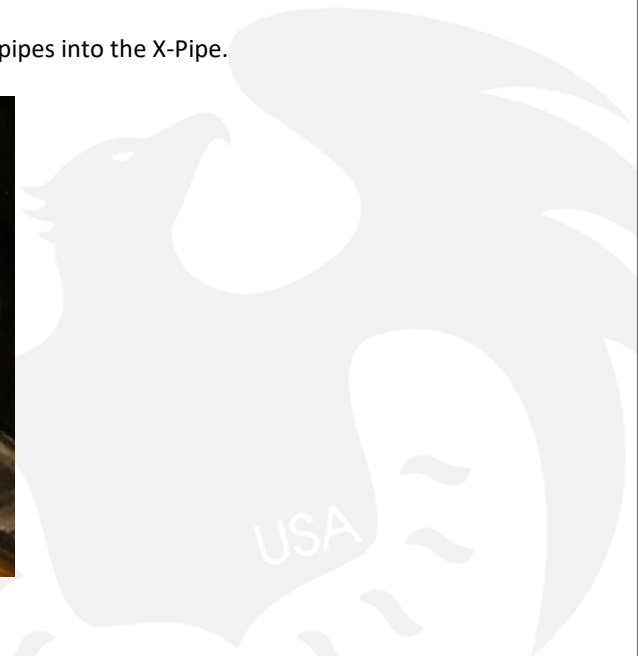
- 22. Remove factory rubber hangers and brackets from the rear of the factory exhaust and install on Fabspeed rear exhaust inlet pipes and muffler brackets.



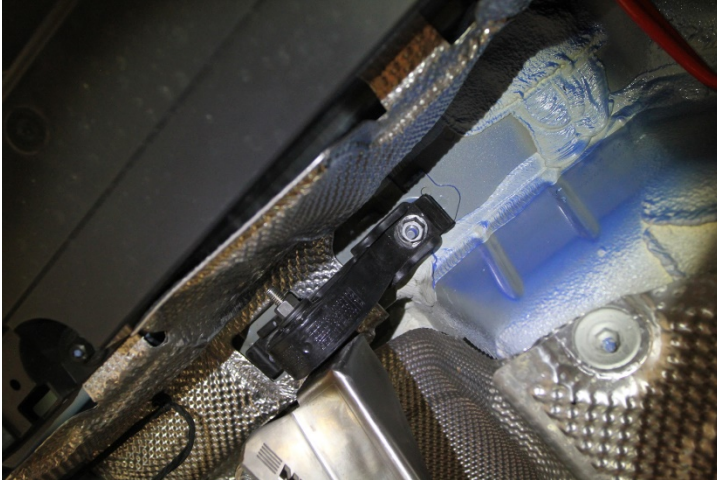
- 23. With an assistant, position rear section of Fabspeed exhaust under the vehicle.



- 24. Slide supplied Accuseal clamps into position and slide the center pipes into the X-Pipe.



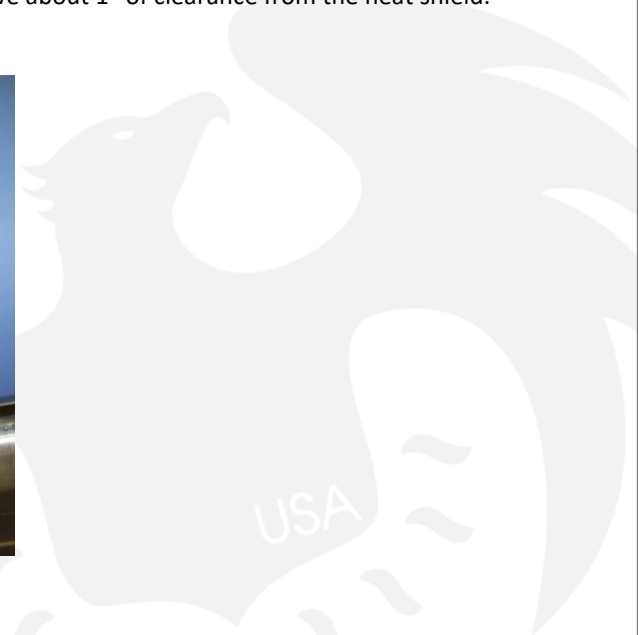
25. Position the rubber muffler hangers and tighten the 13mm nuts.



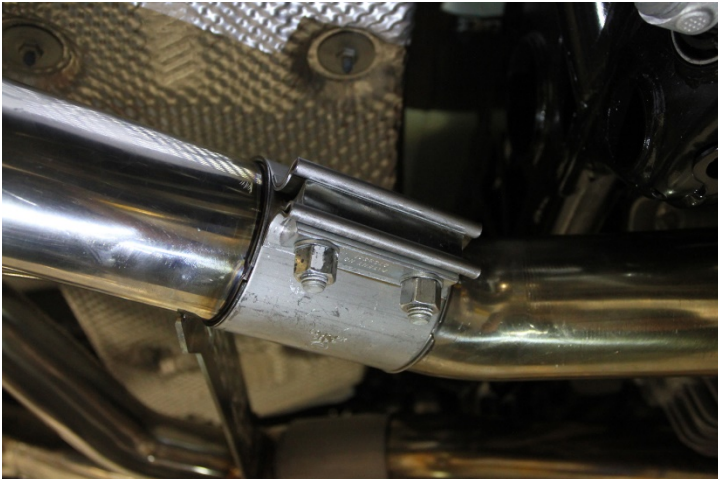
26. Position the inlet tube hangers and tighten the 13mm bolts and the 8mm screw on the right side.



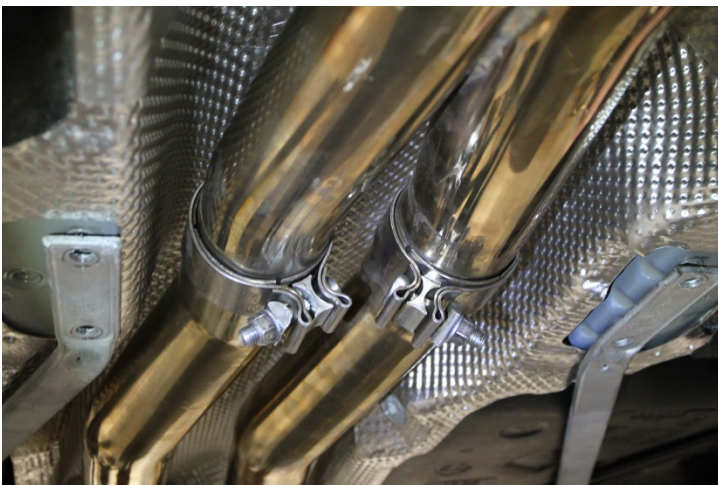
27. Check the positioning of the rear muffler outlets. They should have about 1" of clearance from the heat shield. Rotating the inlet pipes slightly will adjust this positioning.



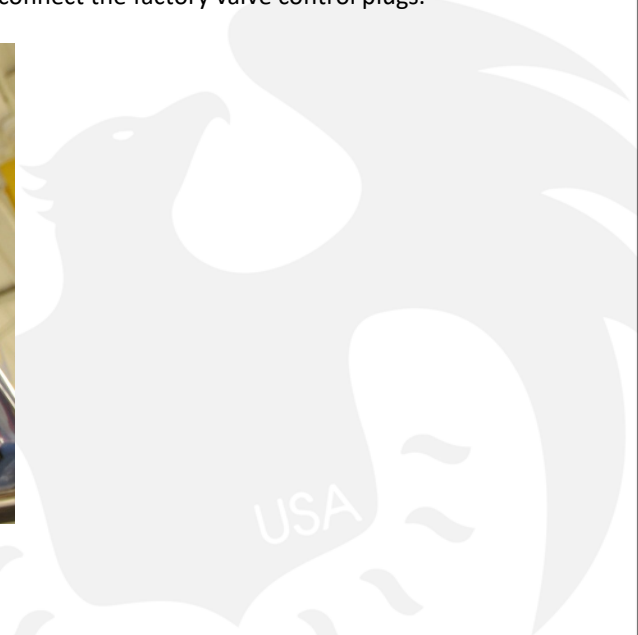
28. Using a 15mm socket, tighten the rear slide clamps.



29. Using a 15mm socket, tighten the center Accuseal clamps.



30. Slide the tips into positions and tighten with a 13mm socket. Re-connect the factory valve control plugs.



31. Enjoy your new Fabspeed-equipped BMW!



If you have any questions, comments, or concerns related to your product, please contact us!



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