



Hyundai I30 N

Centre Pipe & Rear Muffler Installation Instructions

XFORCE RECOMMENDS AN AUTHORISED PROFESSIONAL TO INSTALL ALL PRODUCTS

WARNING: When working on any vehicle exercise extreme caution. Please allow the vehicles exhaust system to be cool enough to touch before removal. Failing to do so may result in severe burns. If working without a hoist refer to the vehicles manual to check correct lifting specifications. Always wear safety glasses, protective gloves and ensure your working in a safe area. Serious injury or death can occur if the correct safety measures are not followed.

Attention: Please read the instructions carefully. XFORCE will only warrant manufacturing faults. This does not extend to damage or breakage due to incorrect fitment.



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Required Tools and Equipment

1. Spanners and Sockets required 15mm, 16mm, 19mm
2. 3/8" Ratchet
3. 6" long 3/8 Extension bar
4. Can of spray lubricant
5. Tube of O2 Sensor safe sealant for the 2 bolt Gasket and Slip Joint
6. 2-3 Rags for excess sealant
7. 1/2" Tension Wrench with 15mm deep socket, set to 80 Foot Pounds
8. Safety Glasses or Goggles
9. Protective Gloves
10. Safety Boots



Step 1

The entire fitting process must be conducted by a professionally trained technician (this also includes hoist operation).

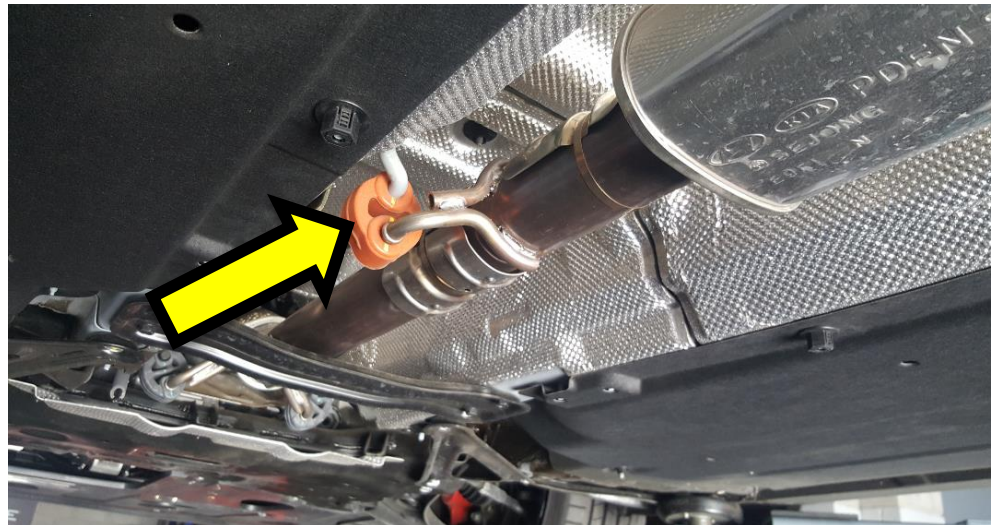
1 Raise vehicle on a 2 post hoist making sure hoist arms are in the correct lifting positions (as per owners manual) and that you or someone else isn't under the vehicle while hoist is moving. Once the Vehicle is at a workable height engage the hoist safety locks.





Step 2

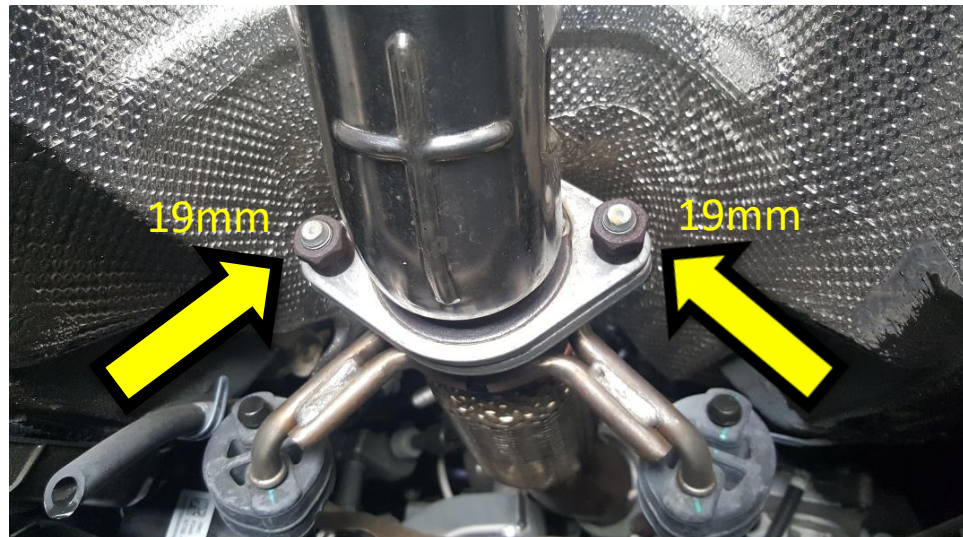
- 1 Please make sure you are wearing safety equipment as listed in Required Tools/Equipment
- 2 Spray lubricant between the Rubber and Exhaust Hanger





Step 3

Unbolt the 2x19mm nuts at the base of the dump pipe





Step 4

Unbolt the 2x19mm nuts at the flange near the rear muffler

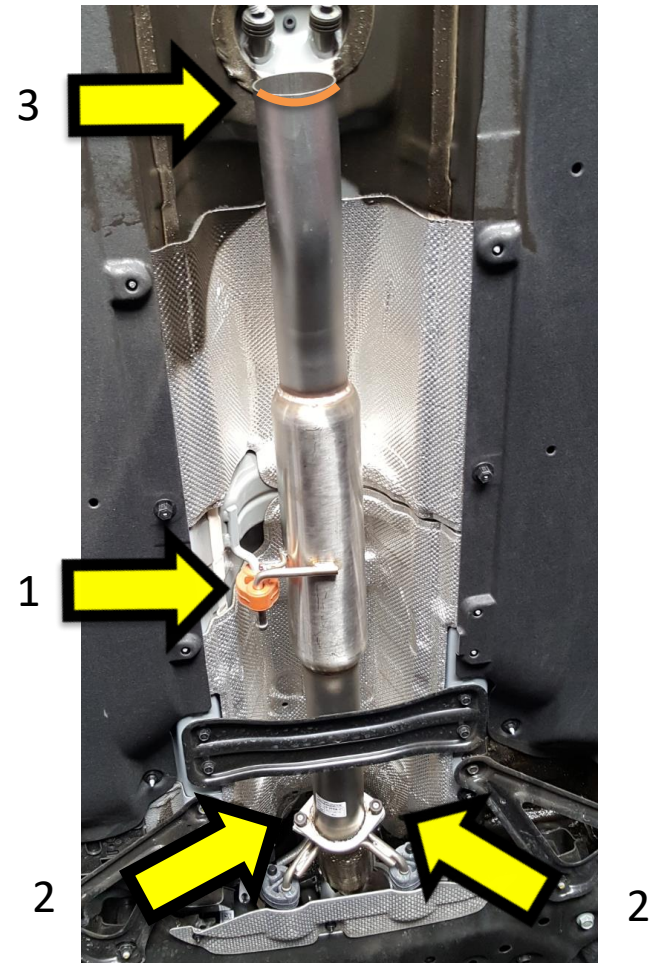
Slide the hanger out of the rubber and remove the centre pipe





Step 5

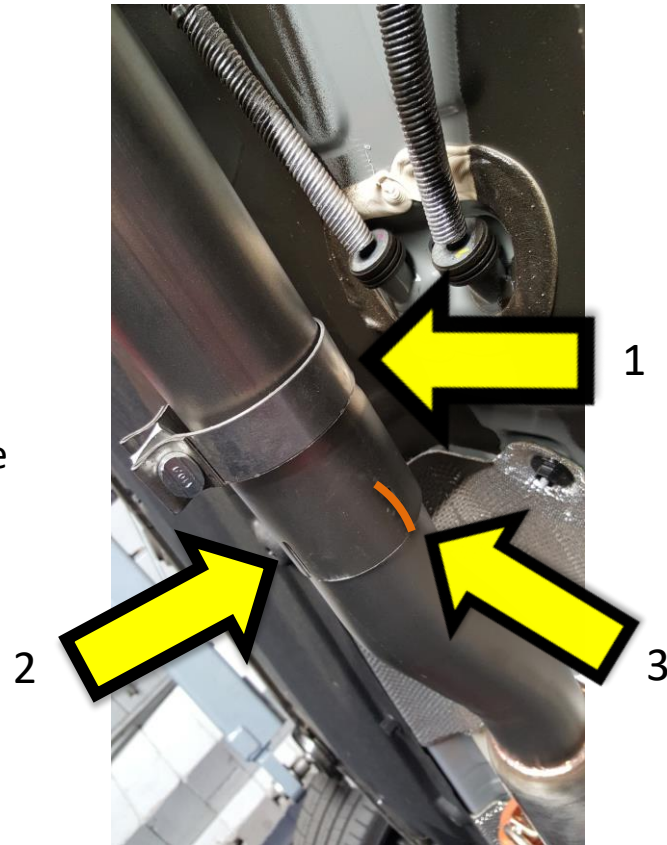
- 1 Fit the front half of the Xforce Centre Pipe and slide hanger in the Rubber
- 2 Then fit the 19mm nuts and tighten
- 3 Place a generous bead of O2 sensor safe sealant around the end of the pipe as shown in orange





Step 6

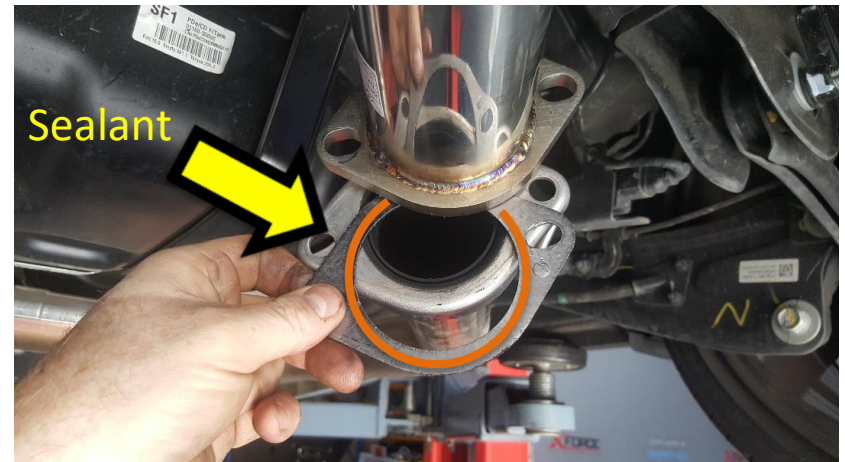
- 1 Slide the clamp over the slip joint
- 2 Slide the second half of the Xforce Centre Pipe over the first half.
- 3 Make sure the sealant covers the slots.





Step 7

Use the gasket supplied by Xforce and apply a bead of O2 sensor safe sealant



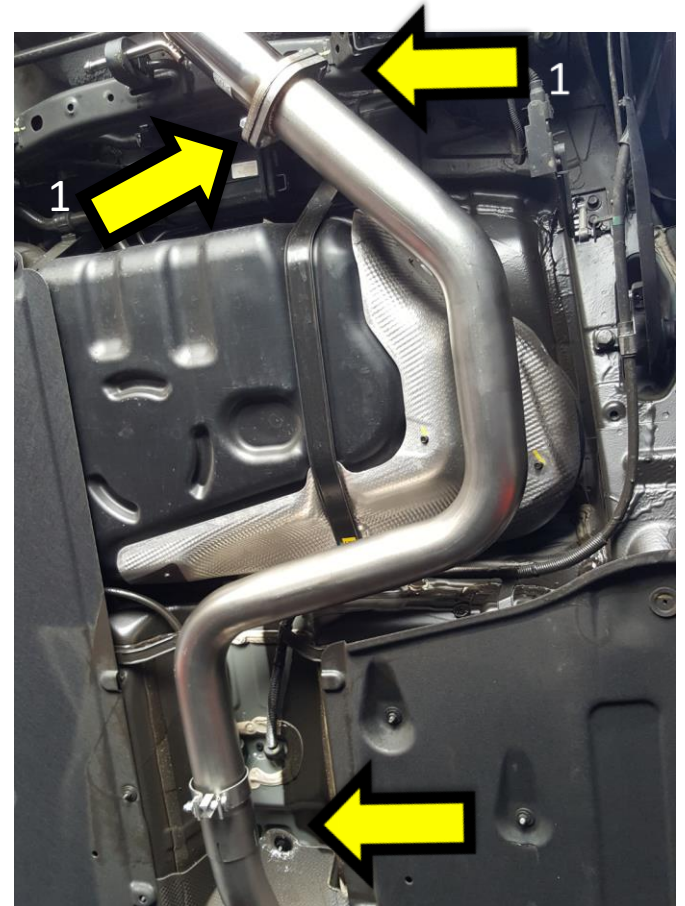


Step 8

1 Rotate the second pipe up to align with rear muffler flange

If fitting to the factory muffler use the gasket supplied by Xforce and refit the 2x19mm nuts and tighten

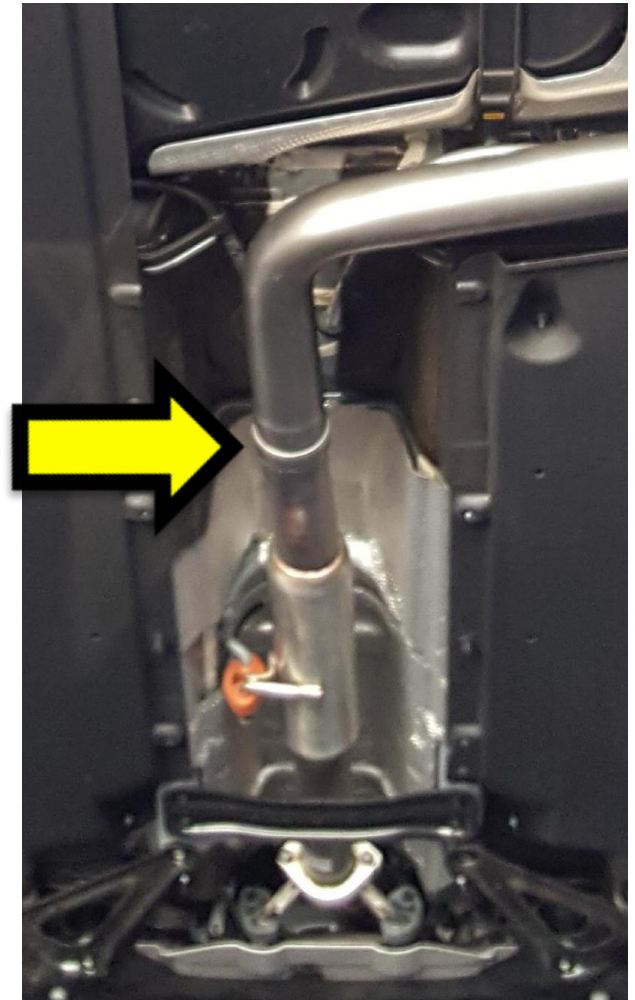
If fitting to the Xforce Rear muffler use the Xforce gasket, nuts and bolts supplied





Step 9

Tighten the clamp (with bolt and nut to the top of the pipe) to 80 Foot Pound using the Tension Wrench with 15mm deep socket.





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Required Tools and Equipment

1. Spanners and Sockets required 15mm, 16mm, 19mm
2. 3/8" Ratchet
3. 6" long 3/8 Extension bar
4. Side Cutters
5. Razor blade/box cutter
6. Can of spray lubricant
7. Tube of O2 Sensor safe sealant for the 2 bolt Gasket and Slip Joint
8. 2-3 Rags for excess sealant
9. Safety Glasses or Goggles
10. Protective Gloves
11. Safety Boots



Step 1

The entire fitting process must be conducted by a professionally trained technician (this also includes hoist operation).

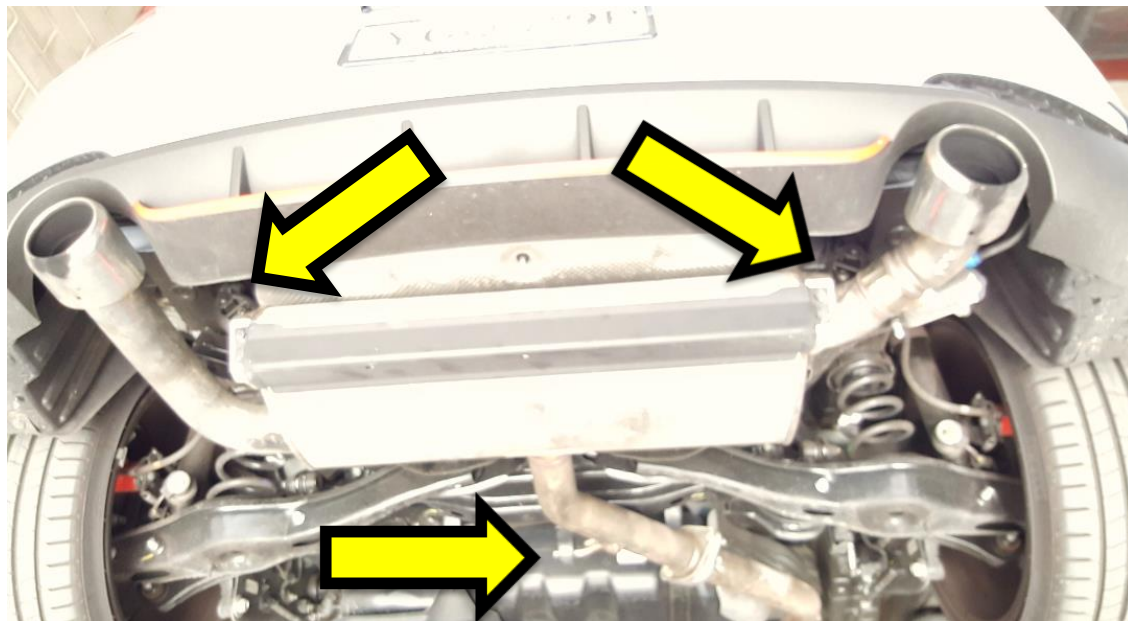
1 Raise vehicle on a 2 post hoist making sure hoist arms are in the correct lifting positions (as per owners manual) and that you or someone else isn't under the vehicle while hoist is moving. Once the Vehicle is at a workable height engage the hoist safety locks.





Step 2

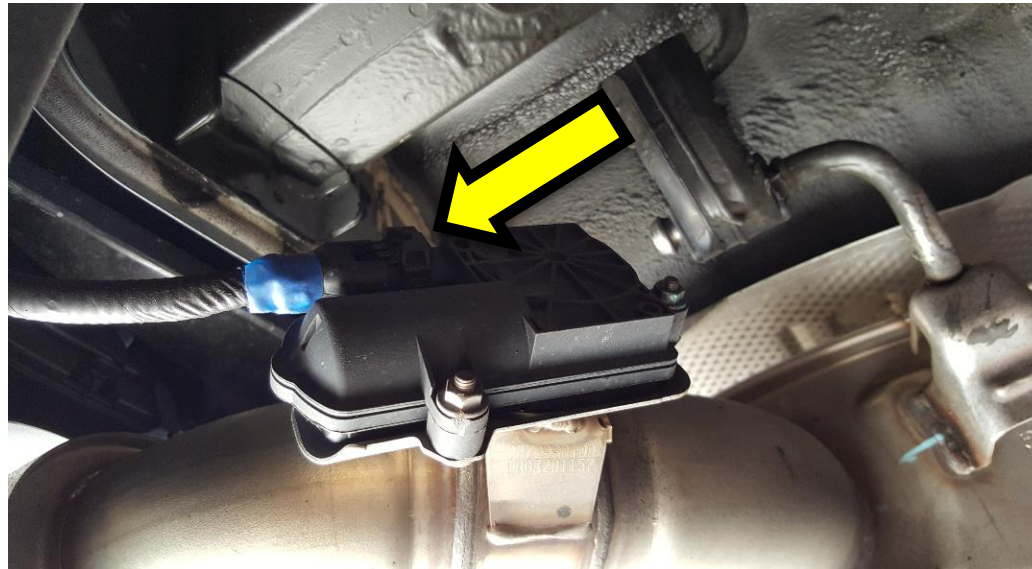
- 1 Please make sure you are wearing safety equipment as listed in Required Tools/Equipment
- 2 Spray lubricant between the Rubbers and Exhaust Hangers





Step 3

- 1 Disconnect the Wiring plug to the factory exhaust Motor (located next to the right exhaust hanger) by pushing down on the locking tab and pulling the pug away from the motor.
- 2 Make a U shape in the factory wiring and zip tie together behind Rear bumper bar





Step 4

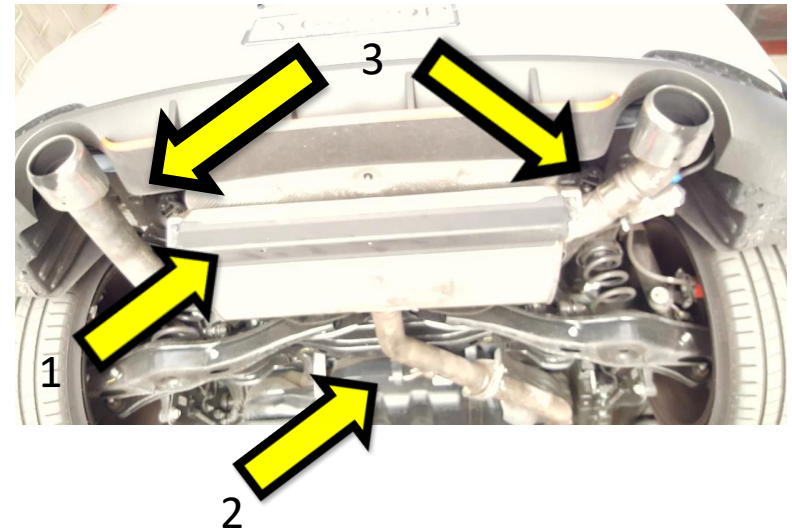
Unbolt the 2x19mm nuts at the flange Joining the Muffler and the Centre Pipe





Step 5

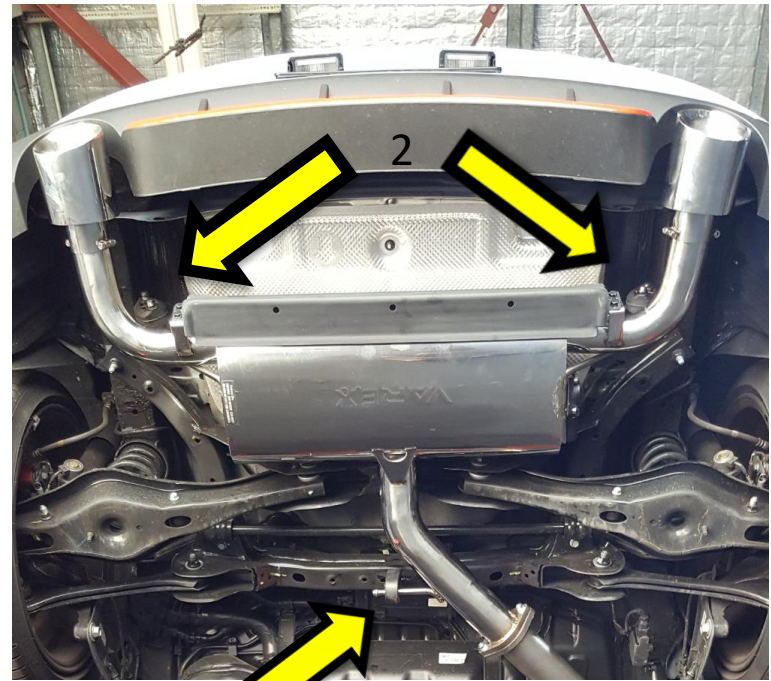
- 1 Unbolt factory muffler diffuser by removing 4x12mm bolts
 - 2 Remove the forward Exhaust Hanger from the rubber
 - 3 Remove left and right rear exhaust hangers from the rubbers
- With help from another person lower the muffler away from the Vehicle





Step 6

- 1 With help from another person raise the Xforce muffler into position on the Vehicle
- 2 Refit left and right rear exhaust hangers into the rubbers
- 3 Refit the forward Exhaust Hanger into the rubber

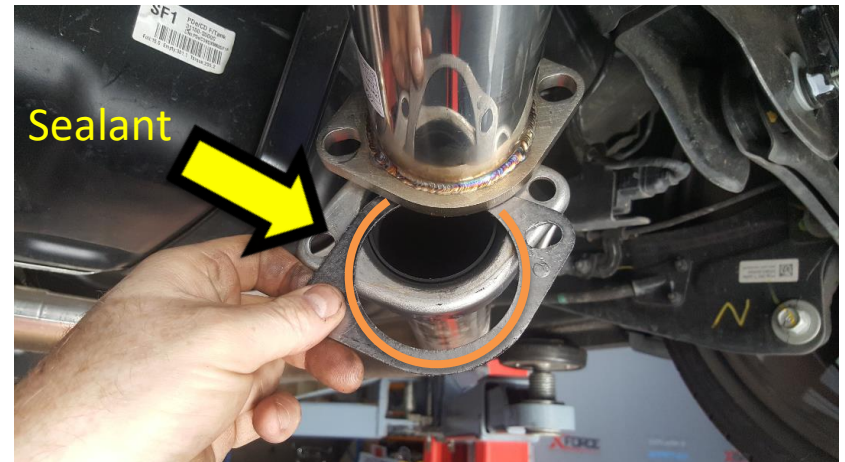


3



Step 7

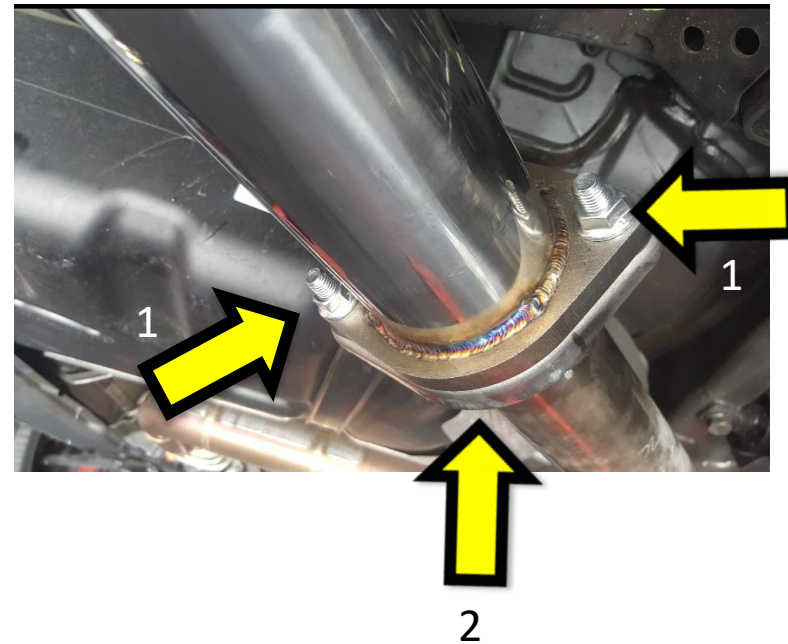
Use the gasket supplied by Xforce and apply a bead of O2 sensor safe sealant





Step 8

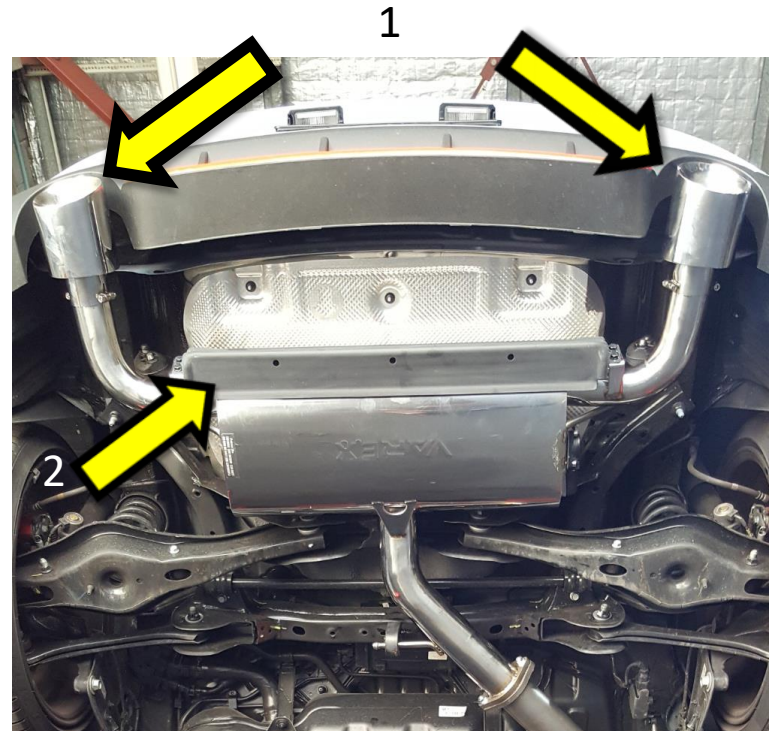
- 1 Use the 2 x bolts with the 16mm head and the 2 x nuts with the 14mm head and place through the flange bolt holes
- 2 Align the 2 Flanges so they match evenly
- 3 Tighten the 14mm nuts and 16mm bolts
- 4 Wipe off excess sealant with a rag





Step 9

- 1 Fit left and right rear exhaust tips and tighten the 2x6mm Allen key bolts on each tip
- 2 Refit factory muffler diffuser by replacing 4x12mm bolts





Step 10

- 1 Check the rear muffler and tips are level and even
- 2 If it's uneven loosen the nuts in **Step 8** rotate the muffler so its level and even then retighten as per **Step 8** and check again.
- 3 Disengage safety locks and lower the vehicle



Note: When you first start your vehicle after the installation of your new XFORCE Performance Exhaust System, there may be some smoke and fumes coming from the system. This is a protective oil based coating used in the manufacturing of mandrel bent performance exhaust tubing. This is not a problem and will disappear within a very short period of time after the exhaust has reached normal operating temperatures.



Step 11

Drive vehicle for 10mins, Return to **Step 1**, retention all nuts, bolts and enjoy the driving experience your new Xforce System provides.



Step 10

- 1 Wipe off excess O2 sensor safe sealant with a rag
- 2 Disengage 2 post hoist safety locks and lower making sure you or someone else isn't under the vehicle while hoist is moving.

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