

## Installation Guide: Hyundai Veloster Mach-2N1 1.6L

Always exercise caution when working on, under or around any vehicles. Serious injury or death could occur if safety measures are not followed.

**Warning:** *When Working on under or around any vehicle exercise caution. Please allow the vehicle's exhaust system to cool before removal, as exhaust system temperatures may cause severe burns. If working with a lift, always consult vehicle manual for correct lifting specifications. Always wear safety glasses and ensure safe work area. Serious injury or death could occur if safety measures are not followed. Professional installation recommended. Allow the appropriate time to do the job and take all reasonable safety precautions.*

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### Removing The Stock Exhaust (if you are installing the cat-back kit):

- 1)** The Stock Hyundai Veloster Catalytic Converter is one piece with the mid-pipe so there will have to be one cut made in order to install the Solo MACH-2N1 cat-back exhaust kit. The cut that needs to be made is in a very specific location.
- 2)** The rear portion of the stock catalytic converter has a cone or taper that ends at the straight pipe. Where the cone and straight pipe meet there is a weld joint. Measure from this weld joint back 4" ( four inches toward the rear of the car ) and mark the mid-pipe. Using a sawzall (or another comparable tool) cut the Midpipe at this 4" mark.
- 3)** Undo the muffler to mid-pipe flange connection with a 19mm socket.
- 4)** Carefully slide the stock mid-pipe and muffler assembly out of their respective hangers and remove from car. Note: It may be easier to remove from hangers if you pull down on the exhaust system and squirt soapy water into the rubber hangers as a lubricant. You can use a penetrating oil but it may do damage to the rubbers. Soapy water is best.
- 5)** Your stock system from the converter back is now complete.

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### Removing The Stock Exhaust (if you are installing the Solo High Flow Converter and cat-back kit) :

- 1)** Undo the nuts at the front of the stock Veloster converter using a 19mm socket.
- 2)** Follow steps 3-5 from above.

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### Installing Your New SOLO "MACH-2N1" Cat-Back Exhaust Kit:

- 1)** It is easier to install the Solo MACH-2N1 exhaust kit from the back to the front.
- 2)** Hang the Solo muffler assembly on the two rubber hangers.
- 3)** Slide the Solo mid-pipe into the muffler neck and then attach it to the mid hanger.
- 4)** Maneuver the Solo Resonator ( or straight pipe ) in-between the stock converter and the Solo mid-pipe.
- 5)** NOTE: IF YOU PURCHASED THE SOLO HIGH FLOW CONVERTER IT WOULD NEED TO BE INSTALLED BEFORE YOU DO STEP NUMBER 4. INSTALL THE SOLO HIGH FLOW CONVERTER WITH THE GASKET AND HARDWARE PROVIDED.
- 6)** Install the three Solo band clamps around their respective connections. There are two band clamps necessary for the resonator ( or straight pipe ) and one more for the muffler to mid-pipe connection. Finger tighten the band clamps only at this point.
- 7)** Using a 9/16" socket lightly snug the three band clamps. Again you want the snug to "hold" the system in place but still allow movement.

- 8) Have someone with a good eye hold the rear dual exhaust tip section perfect position.
- 9) Manipulate the rest of the exhaust system into perfect position.
- 10) Lightly tighten all connections.
- 11) Check the system to make sure everything is still lined up properly.
- 12) Do your final tighten. All connecting points should be tightened somewhere between 40 – 60 foot pounds.
- 13) Check system for clearances and position one last time.

**NOTE:** IF YOU WANT TO ALTER YOUR SOUND YOU CAN CHANGE THE MID RESONATOR (QUIETER SOUND) TO THE STRAIGHT PIPE (LOUDER SOUND) . WE HAVE PROVIDED EXTRA BAND CLAMPS FOR THIS REASON AND EACH SET OF BAND CLAMPS CAN BE USED AT LEAST TWICE.

- 14) Drive away and... Enjoy Going Solo!

**NOTE... WE REALLY ENJOYED DESIGNING THIS SOLO EXHAUST KIT.  
We are very proud of the results this kit gives. We hope you enjoy it too!**

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**For any questions or concerns, please do not hesitate to call:**

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