

# SOLO PERFORMANCE

## STAINLESS STEEL EXHAUST PRODUCTS

### STREET RACE XVIII INSTALLATION INSTRUCTIONS FOR... 2018+ MUSTANG GT 5.0L

**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 without 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.

#### ***NOTE: ~ VERY IMPORTANT~***

***Please follow the exhaust install instructions carefully. Extreme caution must be taken to ensure proper alignment of the exhaust tips. Do not fully tighten any of the band clamps or connections until everything is in place and the tips are aligned perfectly.***

#### **REMOVING STOCK EXHAUST SYSTEM:**

- 1) Optional: You can sawzall the stock exhaust system just in front of the sub-frame hangers ( support front section while doing this ) and this will be easier to handle when removing. You can do it without cutting but it becomes much more awkward. For these install instructions we'll assume that the cut has been made.
- 2) Loosen band clamps at the rear end of the converter assemblies ( 15mm. ) This is connection where the cat-back exhaust starts.
- 3) Carefully remove the front section by sliding it rearward.
- 4) Using a 13mm socket take out the stock hanger bolts to the rear sub frame. Note: Close to the muffler assembly there are four hangers, two on the sub frame (forward hangers) and two by the exhaust tips (rear hangers).
- 5) Manipulate these sub frame hangers upward and slide back to release.
- 6) Carefully pull forward on the stock muffler assembly to release from the rear hangers. Disassembly is now complete.

#### **INSTALLING YOUR NEW SOLO KIT:**

***NOTE: If you snug everything first instead of fully tightening, it will allow for movement and adjustments once the new system is on.  
Snug, align, snug some more and then do your final tighten.***

- 1) Slide stock sub frame hangers onto the Solo rod hangers. ( do not install or clip hangers back into sub-frame yet )
- 2) Install Solo provided front X-Pipe assembly and support.
- 3) Push the rear rod hangers into the stock rubbers and bottom out. This is at the two rear hanger supports at the rear bumper, the rear most hangers.

- 4) Push rear assembly forward onto Solo X-Pipe
- 5) Clip the sub frame hangers in place.
- 6) Put the Band Clamps on the appropriate connections as per rear of package instructions. Only finger tighten at this point.
- 7) Put the rear exhaust tips and center them in the valence.
- 8) Align system for fit and clearance while everything is finger tight making sure the tail tips are in perfect alignment. Rear exhaust tips should be on at this point.
- 9) Snug, do not tighten, all connection points starting at the front and work backward while someone holds the tips in place. At this time you can tighten the sub-frame hangers while someone is holding the tips in perfect position. Note: the sub-frame hangers can push and pull the system to one side or the other so tighten them when the system is in place properly.
- 10) Check for fit and clearance and do a light tighten on all connections. Alignment on the ball and socket joint helps to center the exhaust tips perfectly while the rear overlap joint gives you adjustment in and out.

***SOLO clamps: Hold the top nut with a 9/16" wrench and lightly snug the bottom bolt head with a 9/16 socket. THIS FLAT BAND CLAMP WILL FORM AROUND EACH LAYER OF PIPE***

- 8) Once the system is in place and lightly tightened swivel the J-Pipes into place and tighten both clamps on each side.
- 9) Check all clearances and do a final tighten from front to back.

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**Note: Adjusting J-PIPES:** This should not need to be done on most cars but incase please follow:

If you have an in town "bog" or trouble RPM ranges just undo the top band clamp of the J-Pipe ( at the end cap ) and move in or out 1/2". Determining which direction gives the best results and then do further adjustments in 1/4" increments. Both J-pipes must be adjusted evenly.

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Drive away and ...**Enjoy Going Solo!**

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***Any questions or concerns please do not hesitate to call***

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