



2020+ Challenger Shorty & Mid install instructions

STOCK EXHAUST SYSTEM REMOVAL

1. Remove the two 8mm floorboard bolts and carefully sit it aside you should have enough brake line to do so.
2. Loosen and remove all heat shield clamps on the front and rear primaries and lower shield along with left side muffler shield
3. Remove both saddle bags using a 6mm Allen and keep the bolt hardware for later use
4. Loosen the 15mm nuts on the mufflers, The Antenna will need to also be removed to allow access to the 13mm bolts that hold the left & right mufflers at the rear. Remove both mufflers
5. Now loosen the V band clamp that holds the cat to the primary's using a 5mm Allen after its loose pinch the clamp together and the clamp with pull apart allowing you to slide the clamp over to the left allowing the Catalytic converter to be free.
6. Remove two 13mm bolts that hold the Catalytic converter on. One on either side of the bike (be careful its heavy)
7. Remove all four of the 13mm flange bolts that hold the pipes to the motor. The rear bolt is best accessed from below the pipe with a ¼ ratchet and extension.
8. Now with the bolts removed you can slide the flanges down off the exhaust studs
9. At this point you can carefully remove both of the o2 sensors and lay them a side carefully
10. The front pipe you should be able to move downwards and forward towards the radiator, then the rear pipe will release and the system should be ready to be completely removed. If you pull the pipe out towards you from the bottom rotating it up it should come out easy.

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SAWICKI SPEED

HIGH PERFORMANCE EXHAUST

We recommend before you install your new system to take some painter tape and cover your frame and your engine covers so you don't accidentally scratch while installing your new system.

1. Install your Supplied muffler hanger bracket remove the 3 bolts that hold the lower black OE heat shield two 10mm bolts and one 13mm. slide the supplied bracket behind the heat shield (Fig1) and the OE bracket. The pin on the bracket will be located in the threaded OE hole to the right. You can now install all 3 bolts back in place with the OE bracket on top of the supplied bracket and the heat shield on top of that and tighten

FIG 1



2. Install your M8 reducers along with your O2 sensors into the head pipes (good time to check the flange studs that they are tight in the head. The end of the studs have a 4mm Allen in them check these) then install the head pipes you will reuse the OEM exhaust gaskets, and your OE flange bolts snug the flange bolts down still allowing for the pipe to rotate.

The rear primary bottom flange bolt is easy accessed from the lower side if the pipe again using the ¼ ratchet

3. Now slide the Muffler on to the primary pipes this should be a snug fit making sure to properly seat the pipes into the collector and they move freely. Take the supplied “Dog bone” tab with the welded nut and slide behind the muffler bracket. Now use the two supplied 5 1/16 bolts and washers and install them through the bracket and thread them into the muffler Dog bone bracket do not tighten all the way down.

4. Now install the two supplied pipe springs using the supplied pipe spring puller.

Checking the orientation of the muffler to the bracket and the clearance on all the primary pipe are in the correct location. Now tighten down the four 13mm flange bolts down to the OE torque spec of (15 ft lb) Now you can tighten the two muffler bolts.

The pipe install is complete, wipe all surfaces down and recheck all bolts before starting. Check for leaks after you start and retighten if needed.

SADDLE BAG BRACKET INSTALL

The Lower rubber supports need to be removed from the bags to allow for the brackets to be bolted to the bags. You will reuse the OE bolts on the install. Next install the front brackets onto your bags using the OE bolts and the supplied Nylon lock nuts, the brackets are the same and doesn't matter what side they go on. The rears are side specific and are labeled for you L&R. You can do this two ways. You can bolt the brackets onto the bag first and hang your bag with the top bolts inside your bags and then bolt the brackets to the OE rear Exhaust mounts.

Or install the rear brackets onto the bike on the rear OE rear exhaust mounts with the supplied bolts and nuts keeping the brackets loose for later adjustment. Then Installing your bags and bolting the bottoms to the bracket reusing your OEM bolts and using the supplied nylon nuts to bolt the bag to the brackets.

Some adjustment maybe required of the bags and the brackets after you install the bag onto the bike to get the correct angles. The bag lids should open and close with no biding. Your bag install is now complete.

On systems with billet end caps it's always good to go back after the first heat cycle and recheck the 3 Allen bolts that hold the tip to the muffler to make sure they are tight.

Supplied parts

Six 5 1/16 serrated flange bolts

Four serrated flange nuts

One “ Dog bone “ Tab/w welded nuts
Two 5 1/16 flat washers
Two Stainless Exhaust springs
One Pipe spring puller
Two M8 Reducers
Eight 1/4-28 nylon lock nuts
Two Front bag brackets L&R (same)
One Left rear bag bracket
One Right rear bag bracket
One Exhaust hanger bracket

Checked by _____

Notes: If you have coated pipes it is advised to make sure the inside of the collector muffler is free and clear of excess coating not allowing the primary pipes to slide together freely. A barrel sander or similar or sand paper should do the job.