

## SMC20 / SMC21 / SMC22

Stainless steel cat-back exhaust system for  
2009-14 V8 RT, V8 SRT8 & V6 Challenger

**SMC20:** 2009-14 V8 RT CHALLENGER 2.5" CAT-BACK  
**SMC21:** 2009-14 V8 SRT8 CHALLENGER 3" CAT-BACK  
**SMC22:** 2009-14 V6 CHALLENGER 2.5" CAT-BACK



**Pypes Performance Exhaust**  
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Thanks again for purchasing your new stainless steel Pypes Performance Exhaust 2009-14 Challenger Cat-back system. Please be sure to confirm all the components in the kit were received in your shipment before beginning installation. If you find any components missing, please contact our office at 800-421-3890 for replacement. Installation of these kits will require a few simple tools: jack stands, 13mm & 15mm wrenches, cutting device and penetrating oil. For a quicker and tighter installation, air tools are recommended. Technical assistance is available both online at [www.pypesexhaust.com](http://www.pypesexhaust.com) or 800-421-3890.

**1. Begin by placing the vehicle on a lift or four jack stands at maximum height. This will aid in an easier installation.**

**2. Unbolt your existing system starting from the factory catalytic converter down-pipes. Loosen the flanges at the manifold to allow slight down-pipe adjustments. The original system should come off the vehicle in two pieces.**

**3. Once the original system is removed, V6 owners will need to install two rear hangers on the driver side in the factory drilled locations, some vehicles may not have threaded holes from the factory. If so, threading is necessary. Also install new rubber insulators on the 4 additional hangers already mounted to the vehicle. Also a new rear lower dual exhaust cutout valve must be purchased from your local Dodge dealer, p/n 6803950AB.**

**4. It's time to install your new Cat-back system. Begin by installing the two band clamps on to the after-cat x-pipe. The x-pipe will install with the arrow pointing forward. V6 owners use part #HVC25, (the balance of the system will be HVC21 clamps), RT owners use HVC21 and SRT8 owners use HVC24. Snug the clamps but do not tighten yet.**

**5. Now install the two mufflers with band clamps, snug but do not tighten.**

**6. Next install the new one piece tailpipes into the rubber insulators.**

**7. Slide the tips on to the tailpipes with a band clamp and snug.**

**8. Finish by making all the final adjustments to the system and tips. Tight all clamps.**

**9. Check all the connection points periodically, as they may come loose.**

**Now it's time to fire up that muscle car and enjoy your new Pypes Performance Exhaust.**

(A) X-pipe Assembly  
(B) Mufflers  
(C) Tailpipes  
(D) Tips

