

RSC[®] No-Drone MUFFLER

- Utilizes various proprietary CORSA Performance[®] technologies
- Primary acoustic element responsible for shaping exhaust note
- RSC[®] design/generation varies based on vehicle application needs
- Targets and selectively eliminates low resonant frequencies responsible for Drone
- RSC[®] design/generation and muffler tuning varies by application

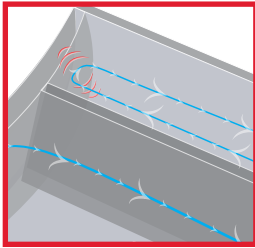
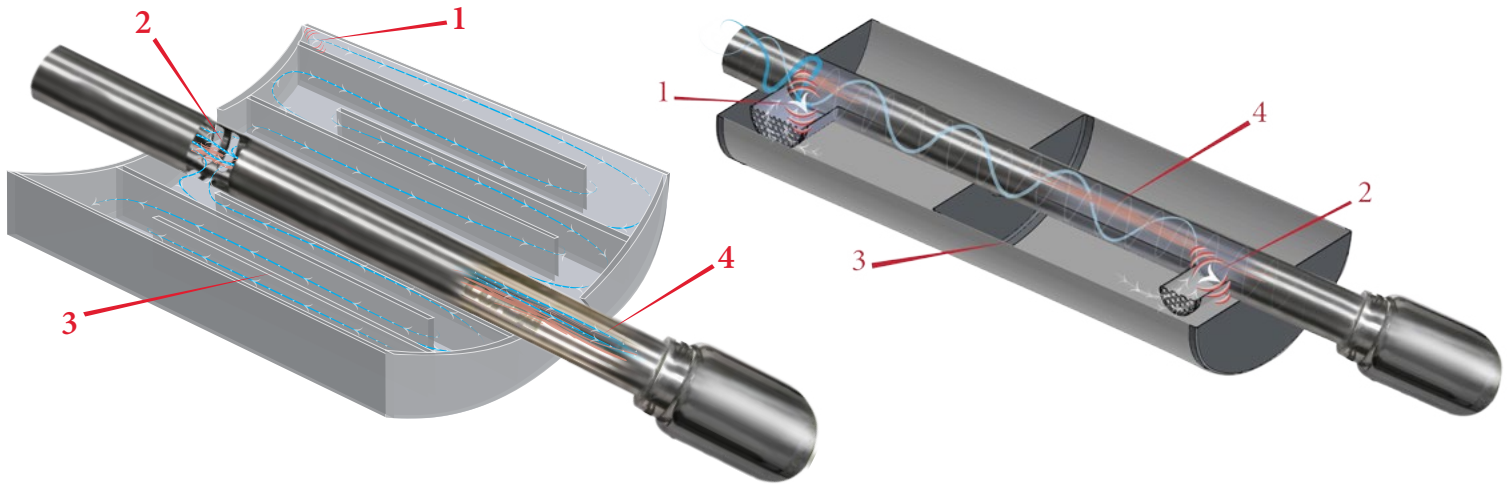
SECONDARY ACOUSTIC ELEMENT

- Industry standard muffler design, occasionally used to help shape exterior sound
- Rasp, present on small displacement engines, is reduce by packing materials
- Does not eliminate low resonant frequencies responsible for Drone
- Not present in all CORSA exhaust applications

**Actual Mk7 internals pictured*

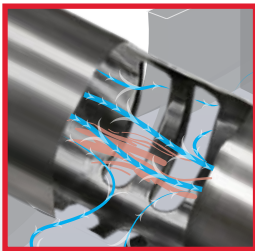
OTHER ELEMENTS

The Reflective Sound Cancellation (RSC[®]) muffler eliminates drone while the secondary, packed, muffler works in harmony to deliver a tuned, refined exhaust note. All other elements play a critical role in shaping the exhaust system design and end acoustic result.



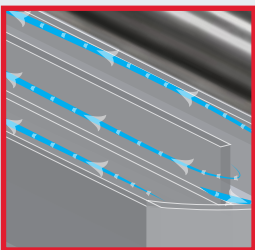
1. No Drone

Unwanted, low frequency sound waves are diverted through specifically designed channels and are reversed 180 degrees out of phase.



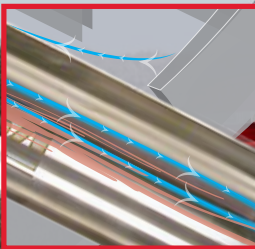
2. Point of Cancellation

Our patented sound technology is engineered to target and eliminate unwanted frequencies that cause drone.



3. Performance Sound

Acoustic tuning creates an aggressive sound under acceleration that is styled to match the personality of your vehicle.



4. Maximized HP and TQ

A straight-through, unrestricted design reduces back pressure; increasing engine efficiency, horse power and torque.

*Diagrams are representative images illustrating patented RSC[®] technology.

REFLECTIVE SOUND CANCELLATION®



No Drone Exhaust Technology

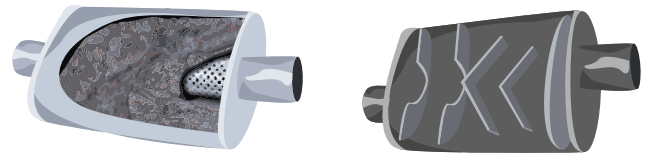
CORSA Performance entered the exhaust category in 1998, re-writing the rulebook for what a performance exhaust should be with the launch of our revolutionary RSC® (Reflective Sound Cancellation®) Technology. RSC® Technology allows CORSA Performance the unique ability to selectively target and eliminate resonant frequencies that cause drone, by reflecting sound waves out of phase, while custom tuning the exhaust note. Since the debut of RSC® Technology in 1998 on the C5 Corvette, CORSA Performance has invested countless resources developing proprietary tools used in Perfecting the Science of Sound, resulting in world-wide recognition for high-performance, aggressive exhausts systems that eliminate drone.

Today CORSA Performance employs multiple forms of proprietary RSC® Technologies and acoustic solutions to cancel resonant frequencies that cause drone and produce the desired exhaust tone. Every CORSA Performance exhaust system manufactured takes into account OEM design, desired performance output as well as interactions of the entire Exhaust System. During the development phase an RSC® Technology is chosen that best attains the desired balance of acoustics resulting in hundreds of unique designs that cover our numerous vehicle applications. Rarely are any two Exhaust Systems featuring RSC® Technology the same.



CORSA®

Patented Sound **Technology**
Aggressive **Sound** Under Acceleration
No Drone During Cruise
Acoustically **Styled** Specific to Each Vehicle



COMPETITORS

Most competitors use *only* perforated tubes with packing material or baffles that sacrifice the benefits of a straight-through design.