



STāSIS B8-S5 Exhaust

General Description

The STāSIS B8 S5 exhaust system is a direct bolt in, CNC mandrel bent, T304 stainless steel cat-back system. Our exhaust features a mid pipe and two custom fabricated rear mufflers that terminate into polished quad tips etched with our STāSIS logo. This system has been optimized to reduce back pressure and increase overall power output of the engine. These goals have been achieved while maintaining low levels of cabin resonance during cruising speeds.

“STāSIS is the latin root for balance. This is our philosophy in everything we design”

System Contents

- (1) STāSIS Cat-Back Quad Tip Exhaust System
- (1) All necessary mounting hardware

Supported Audi Vehicles

Model:	S5
Transmission:	All
Model Years:	2008-Present

Features

- The STāSIS exhaust system is a direct bolt-in replacement for the original equipment manufacturer (OEM) exhaust, no welding or fabrication is required.
 - T304 Stainless Steel pipes shaped with CNC mandrel bender to ensure constant pipe radius.
 - Mounted using OEM hangers by utilizing stock slip joint connections at the downpipe and rear section.
 - The OEM three muffler setup is replaced after the OEM catalytic converter. Our system eliminates the need for a third muffler by utilizing a mixing chamber / mid-pipe / twin muffler design.
- STāSIS mufflers incorporate reflective (active) and passive technologies to optimize sound and performance.
 - The custom formed and welded muffler chambers have been extensively developed and tested to minimize exhaust back pressure to the engine, while maintaining excellent exhaust scavenging.



- The STāSIS resonators and mufflers combine to give an exhaust tone which is noticeably deeper and stronger with aggressive throttle input, while maintaining non-intrusive cabin drone at cruising speeds in the appropriate gear.
- The exhaust mid pipe incorporates a unique mixing chamber to combine the exhaust pulses from opposite banks of the engine.
 - This chamber allows exhaust pulse scavenging to enhance the exhaust flow potential resulting in increased performance and sound.
- Tail pipes use 2 pair of 82.5mm (3.25 in) dual wall bevel cut tips per side. The tips are arranged in a staggered formation to accommodate the rear bumper curvature.
- Exhaust back pressure is minimized over the stock application and allows the engine to “breathe” more freely resulting in an increase of engine volumetric efficiency.
 - Reprogramming of the ECU in conjunction with the exhaust installation allows for more increases in horsepower and torque over the stock programming due to an optimized calibration matching of the new airflow characteristics.
- STāSIS exhaust systems undergo extensive, rigorous testing.
 - We test our exhausts in real world situations which include urban, suburban, rural areas, and the race track.
 - Full stainless steel construction that is proven to withstand the harshest environments.

	OEM Exhaust	STāSIS Exhaust
Peak Horsepower	354	364
Peak Horsepower w/ STāSIS Flash	364	374
Pipe Diameter – Midpipe	50 mm (2.0”)	63.5 mm (2.5”)
Pipe Diameter – Rear Section	50 mm (2.0”)	63.5 mm (2.5”)
Complete Assembly Weight	22 kg (48 lbs)	21 kg (46 lbs)

Table 1: Comparison of OEM exhaust system to our STāSIS exhaust system