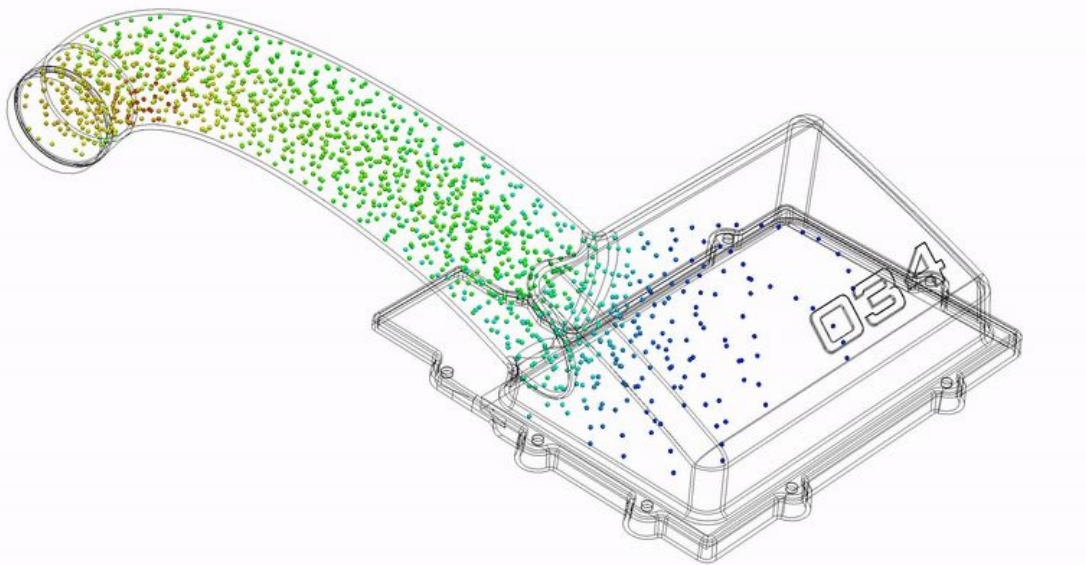


034Motorsport is pleased to introduce the P34 Performance Air Intake System for 8V/8S Audi A3/S3/TT/TTS & MkVII Volkswagen Golf/GTI/R!

034Motorsport's engineers invested significant effort in developing a comprehensive performance intake solution for Audi/Volkswagen EA888 1.8T/2.0T Gen 3 engines, which provides noticeable gains in horsepower and torque over the factory airbox. Throughout the development process, multiple designs were modeled, prototyped, and tested, to ensure that the P34 Air Intake System delivers measurable performance benefits and excellent fitment.

Optimizing Airflow

034Motorsport engineers started by identifying the shortcomings of the factory intake system to determine which components restricted airflow to the turbocharger inlet. While the factory lower airbox and fresh air duct to the core support were more than sufficient for increased power levels, the factory air filter, upper airbox, and turbo inlet tube were deemed too restrictive, even with the factory turbocharger.



034Motorsport's mechanical engineers scanned the factory engine bay and modeled a one-piece unit to replace the factory intake tube and upper airbox. By eliminating the multiple couplers, transitions, and jagged features in the factory upper airbox and intake tube, 034Motorsport's engineering team was able to drastically reduce turbulence in the intake tract, and virtually eliminate pressure drop in the intake system before the turbo inlet.

Multiple iterations were prototyped in plastic using 034Motorsport's in-house FDM 3D printer and thoroughly tested. Ultimately, the best-performing design was a fully-enclosed unit featuring a large-diameter one-piece intake tube with smooth transitions all the way back to the factory turbo inlet.

True Cold Air Intake



To ensure that the P34 Air Intake System draws in cool, dense air, 034Motorsport engineers opted for an enclosed design to prevent hot air from the engine bay entering the intake tract. By bolting to the factory lower airbox, this approach allows the enclosed high-flow panel filter to breathe fresh, cold air from the factory inlet duct before the radiator.

Performance Air Filter



034 MOTORSPORT

The 034Motorsport Carbon Fiber Cold Air Intake system houses a high-flow panel filter with double-layer pleated cotton filtration medium. This air filter design offers increased flow and excellent filtration.

OEM+ Fit & Finish

034Motorsport carefully selected the textured finish of the intake tube and upper airbox heat shield to complement the factory plastic trim and engine covers. The 034Motorsport MQB Audi/Volkswagen 1.8T/2.0T Cold Air Intake System was designed to fit like a factory part, and mates directly to the turbo inlet pipe and factory lower airbox to provide an OEM+ look.

Dyno-Verified Wheel Horsepower & Torque Gains

034Motorsport's engineering and development efforts were validated using our Mustang AWD Dynamometer to ensure that the P34 Cold Air Intake System provided substantial, repeatable increases in horsepower and torque.

Peak Wheel Horsepower & Torque on Stage 1 2015 Volkswagen GTI:

- **Stock Intake:** 223 Wheel Horsepower / 285 Wheel Foot-Pounds of Torque
- **X34 Intake:** 240 Wheel Horsepower / 297 Wheel Foot-Pounds of Torque
- **Peak Horsepower Gain:** 10 WHP @ 6,100 RPM
- **Peak Torque Gain:** 12 WTQ @ 3,100 RPM
- [See Dyno Chart](#)

Product Features & Details

Features:

- Developed In-House by 034Motorsport's Engineering Team
- One-Piece Design with High-Quality Construction
- OEM+ Fit & Finish Retains Factory Lower Airbox & Inlet Duct
- Fully-Enclosed Design with Pleated Cotton Panel Air Filter
- Large-Diameter CFD-Optimized Air Intake Tube
- Dyno-Proven Horsepower & Torque Gains
- Increased Engine & Induction Sounds
- Improved Throttle Response
- Compatible with SAI Equipped & Non-SAI Equipped Vehicles
- Simple, Straightforward Installation

What's Included:

- 034Motorsport P34 MQB Air Intake System
- 034Motorsport High-Flow Panel Air Filter
- Integrated SAI Adapter Fitting
- Silicone Turbo Inlet Coupler & Hose Clamps

Compatible Vehicles:

- 2015 - Present Audi A3/S3 (8V - MQB) - 1.8T & 2.0T
- 2016 - Present Audi TT/TTS (MkIII - MQB) - 2.0T
- 2015 - Present Volkswagen Golf/GTI/ R (MkVII - MQB) - 1.8T & 2.0T
- **Please Note:** This comprehensive air intake system is designed to install on vehicles with or without factory secondary air injection (SAI) systems. No additional parts are needed!

Installation Instructions:

- [PDF](#) | [Video](#)

Wheel Horsepower Dyno | Stage 1 Tune - 91 Octane - IS20 | X34 Carbon Fiber Mk7 Golf/GTI Intake vs. Stock

Mustang Dynamometer Test Report

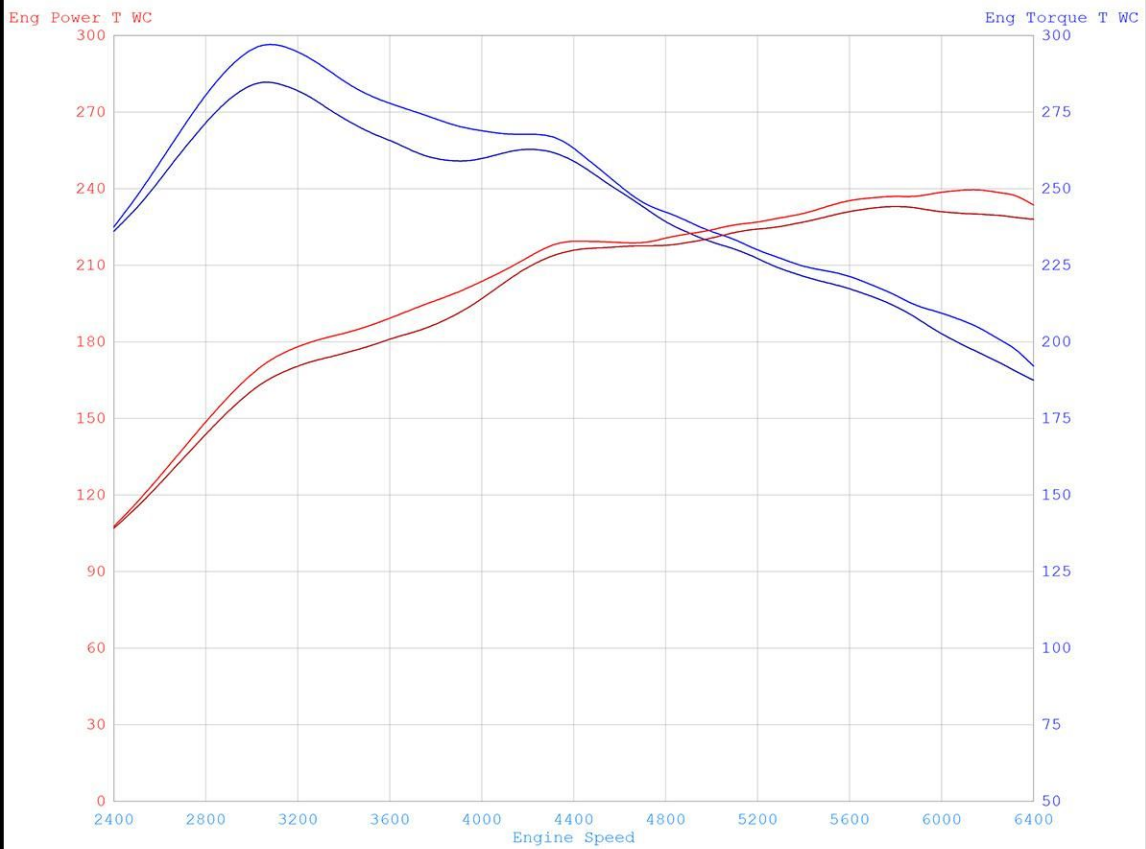
Updates, Documentation & More At
www.MustangDyne.com
 Or Call 1-330-963-5400

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Run#	License	Owner	Acquired	Test Comments
1				91 Octane - Stock Intake
2				91 Octane - P34 Air Intake
3				



Channel / Run	Min			Max			Avg		
	1	2	3	1	2	3	1	2	3
Eng Torque T WC (Ft-Lb)	192	187		297	285		244	238	
Eng Power T WC (HP)	107	107		240	233		211	205	

Please Note: Not for use on emissions-controlled vehicles in California.