



EUROCOMPULSION

TECHNICAL INFO

AIR INDUCTION SYSTEMS V1, V2, V4
FIAT 124 SPIDER / SPIDER ABARTH

EUROCOMPULSION AIR INDUCTION SYSTEMS

EUROCOMPULSION® is pleased to present the ultimate selection in air induction system upgrades for the FIAT 124 Spider.

Introducing the V1, V2, and V4 intake systems. Manufactured by Eurocompulsion out of premium quality, 5 ply competition silicone and paired with our proprietary dual inlet cone air filter and CZ Carbon Fiber Canister. Our intake systems have proven to reduce air temps and increase turbo efficiency over the stock system, adding a healthy power increase and response to your vehicle.

Retain the factory look with the V1, or replace the factory system entirely with the V2 or V4. There's something for everyone in this lineup.

EXTENSIVE

DEVELOPMENT, TESTING, AND COMPETITION SUCCESS

HAS CREATED THE **MOST COMPREHENSIVE AIR INDUCTION SYSTEMS**
FOR THE FIAT 124 SPIDER & 124 SPIDER ABARTH



EUROCOMPULSION

V 1.0

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VI INTAKE FEATURES

- Premium Competition Spec 5 Ply Silicone
- Retains Factory Routing
- Reduced Thermal conductivity
- Significantly Increased Air-Flow
- Will last life-time of vehicle
- Smoothed Interior walls
- Increased/more consistent Diameter Turbo Inlet Hose
- Improved Aesthetics
- Simple Installation
- Reduction in Intake Air Temperature increases Engine Efficiency
- Greatly Improved Throttle Response
- Utilizes Factory Intake Duct
- Causes No Check Engine Lights
- World Wide compatible Unit (North America/Europe/Asia/Australia)



V2 INTAKE FEATURES

- Premium Competition Spec 5 Ply Silicone
 - EUROCOMPULSION Proprietary Dual Inlet Air Filter
 - Open element system
 - Reduced Thermal conductivity
 - Significantly Increased Air-Flow
 - Will last life-time of vehicle
 - Smoothed Interior walls
 - Increased/more consistent Diameter Turbo Inlet Hose
 - Greatly Increased Turbo Sounds
 - Improved Aesthetics
 - Simple Installation
 - Reduction in Intake Air Temperature increases Engine Efficiency
 - Greatly Improved Throttle Response
 - Utilizes Factory Intake Duct
 - Causes No Check Engine Lights
 - Replaces Factory Airbox
- World Wide compatible Unit (North America/Europe/Asia/Australia)

INCREASED AIR VELOCITY
FROM TWIN AIR
HIGH FLOW CONE FILTER

UTILIZES MAXIMUM EFFICIENCY
WITH STRAIGHTER, UNRESTRICTIVE
PATHWAY TO TURBO

LESS RESTRICTION THAN STOCK
ALLOWING FOR MAXIMUM
RAM AIR EFFECT

OPEN AIR ELEMENT SYSTEM
FEATURES INCREASED TURBO
NOISES AND THROTTLE RESPONSE

V4 INTAKE FEATURES

- Premium Competition Spec 5 Ply Silicone
 - CZ Carbon Fiber Canister with High Flow Filter
 - Completely enclosed ram air system
 - Reduced Thermal conductivity
 - Significantly Increased Air-Flow via utilized ram air pressure
 - True Cold Air Intake
 - Will last life-time of vehicle
 - Smoothed Interior walls
 - Increased/more consistent Diameter Turbo Inlet Hose
 - Slightly Increased Turbo Sounds
 - Improved Aesthetics
 - Simple Installation
 - Reduction in Intake Air Temperature increases Engine Efficiency
 - Greatly Improved Throttle Response
 - Utilizes Factory Intake Duct
 - Causes No Check Engine Lights
 - Replaces Factory Airbox
- World Wide compatible Unit (North America/Europe/Asia/Australia)



INCREASED AIR VELOCITY
FROM INTERNALLY SHAPED
HIGH FLOW AIR FILTER

UTILIZES MAXIMUM EFFICIENCY
WITH STRAIGHTER, UNRESTRICTIVE
PATHWAY TO TURBO

LESS RESTRICTION THAN STOCK
ALLOWING FOR MAXIMUM
RAM AIR EFFECT

COMPLETELY SEALED FROM
ENGINE BAY FOR
TRUE COLD AIR EFFECT



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FIAT 124 SPIDER / SPIDER ABARTH

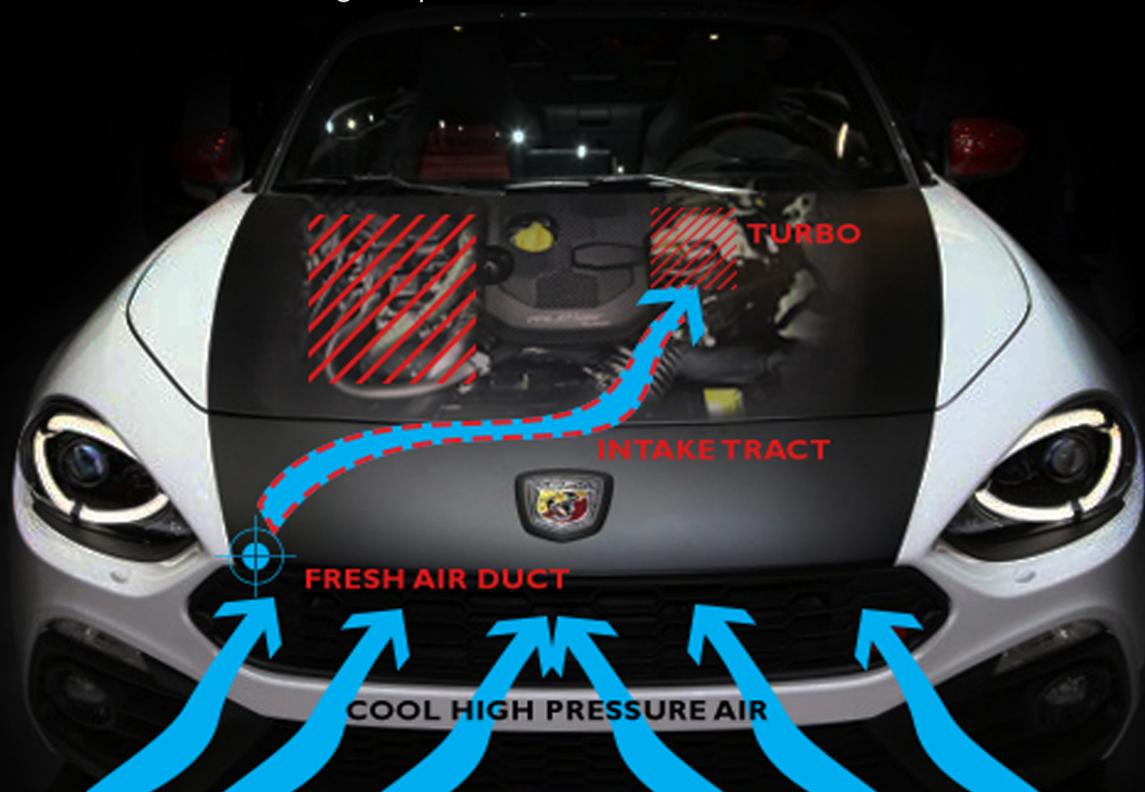
EURO+DRIVE TESTING DATA



THE STOCK INTAKE SYSTEM & HOW IT WORKS

The Fiat 124 Spider utilizes cool, high pressure air from the front of the vehicle to deliver the highest velocity air, with the most consistent temperatures external to the engine bay, while still implementing enough vertical and horizontal change in direction to divert debris and dust from the intake tract. The manufacturer tests these conditions extensively in a controlled environment. Ram air pressure along with fresh air qualities is one of the most effective ways to maximize air flow to the turbo while maintaining extreme efficiency.

We chose to model our intakes with this design in mind, and believe that using ram air not only increases intake performance more than any other method, but still maintains the necessary features the factory has implemented. The front of the vehicle is one of the highest pressure areas on the vehicle to draw air from.



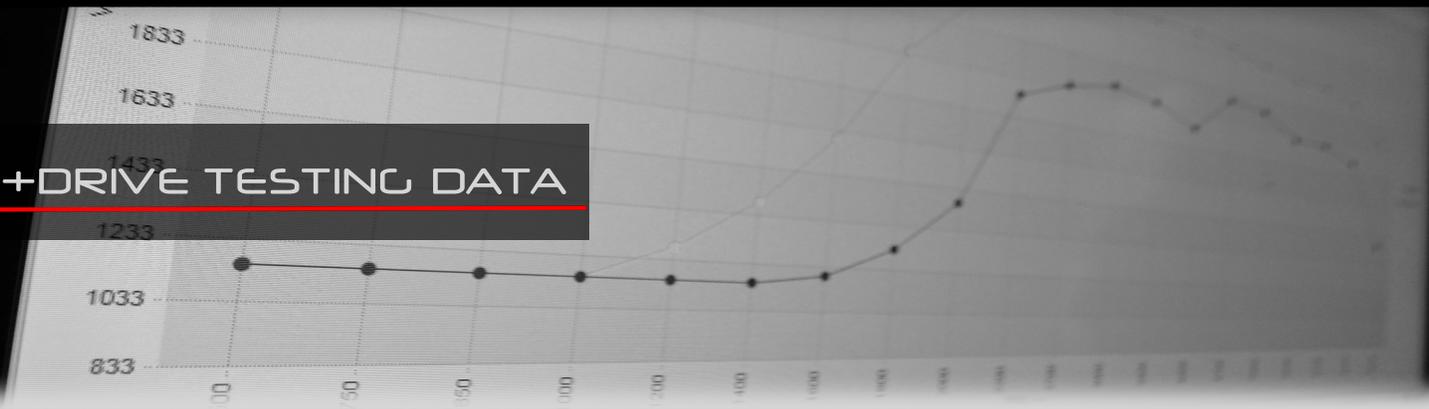


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TECHNICAL INFO

AIR INDUCTION SYSTEMS V1, V2, V4
FIAT 124 SPIDER / SPIDER ABARTH

EURO+DRIVE TESTING DATA

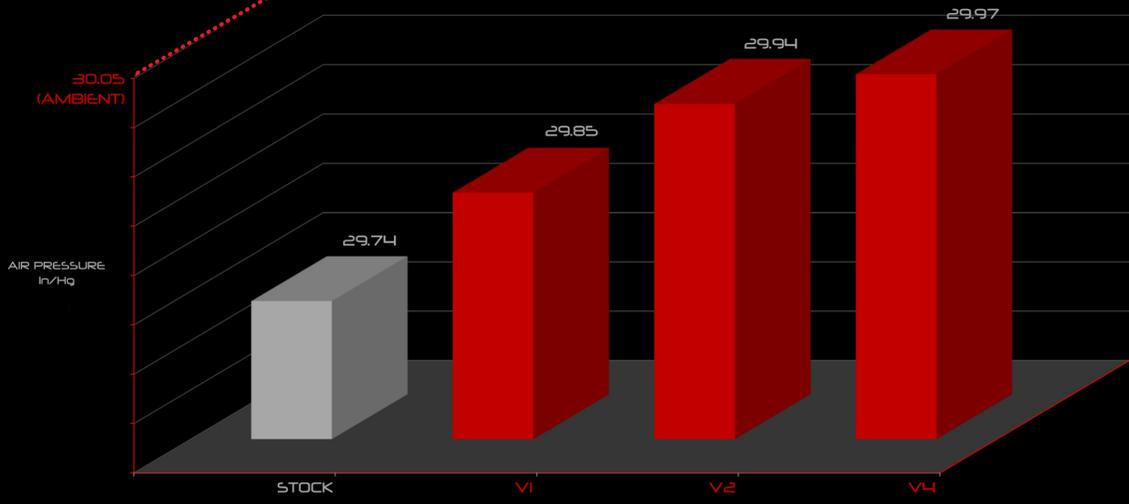


INTAKE FLOW TESTING & TEMP TESTING

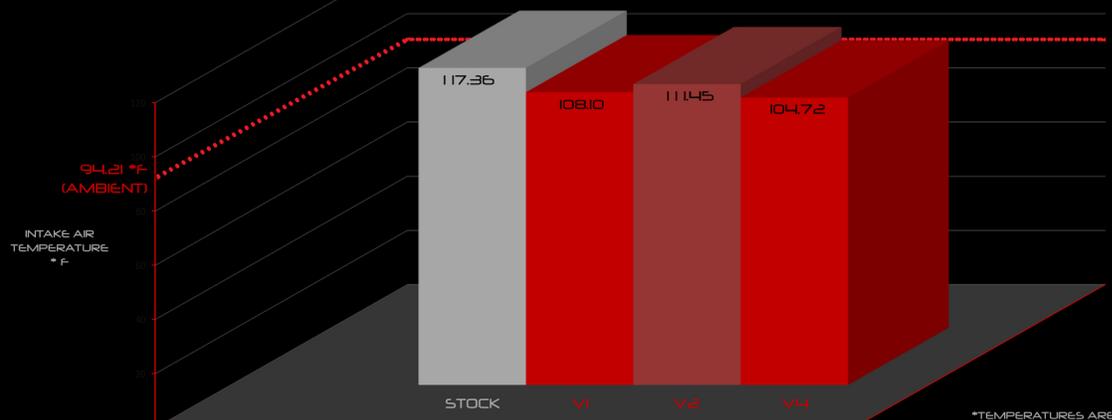
Per our flow bench and extensive datalogging on the Fiat 124 Spider, our intakes consistently show reduced pressure loss, increased air flow, and decreased air temps over the stock intake system.



EUROCOMPULSION AIR INDUCTION SYSTEMS VS. STOCK INTAKE FIAT 124 SPIDER
INTAKE AIR PRESSURE (FLOW BENCH TESTED)



EUROCOMPULSION AIR INDUCTION SYSTEMS VS. STOCK INTAKE FIAT 124 SPIDER
INTAKE AIR TEMPERATURE



TEMPERATURES ARE AVERAGE DEGREES OF VARIOUS COMBINED IDLE, CRUISE, AND WIDE OPEN THROTTLE RUNS



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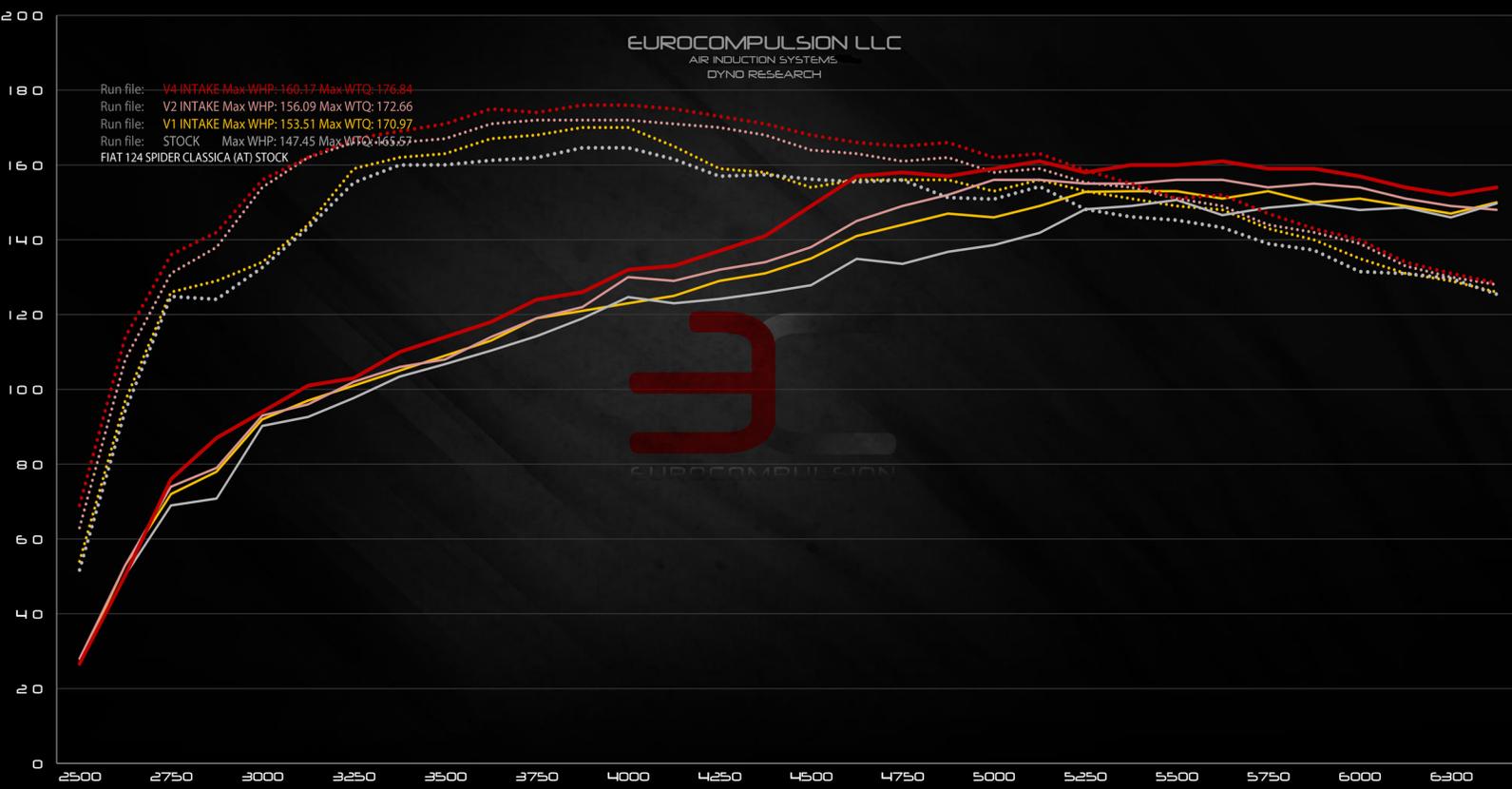
AIR INDUCTION SYSTEMS V1, V2, V4

FIAT 124 SPIDER / SPIDER ABARTH

EURO+DRIVE TESTING DATA



DYNO TESTING



Results were taken from back to back runs with each intake system on a 2017 Fiat 124 Spider Classica (Automatic trans). Dynojet Dynamometer and simulated road dyno + datalogging were used during testing. Results may vary with ambient temperatures, fuel quality, and vehicle health.

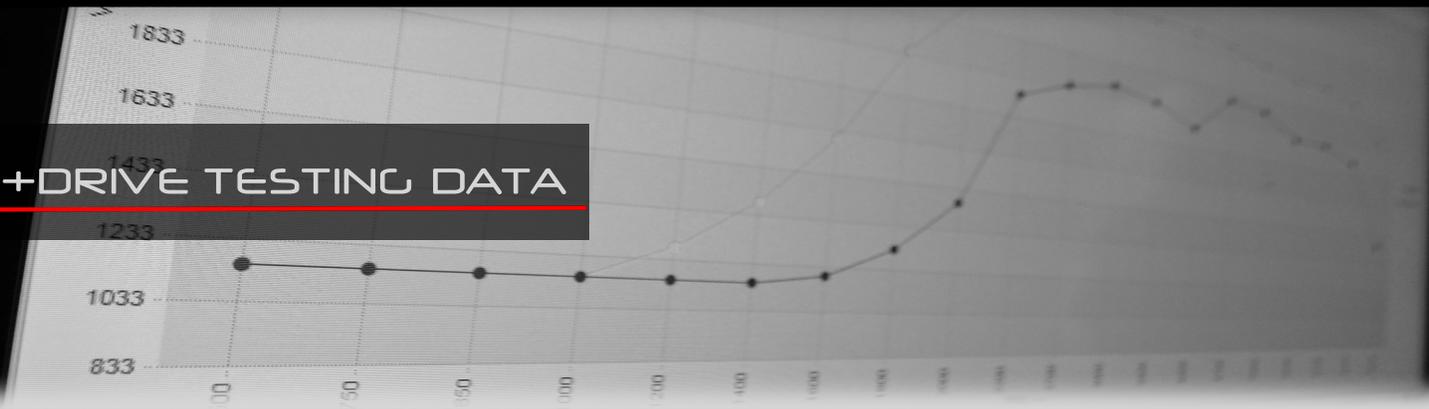


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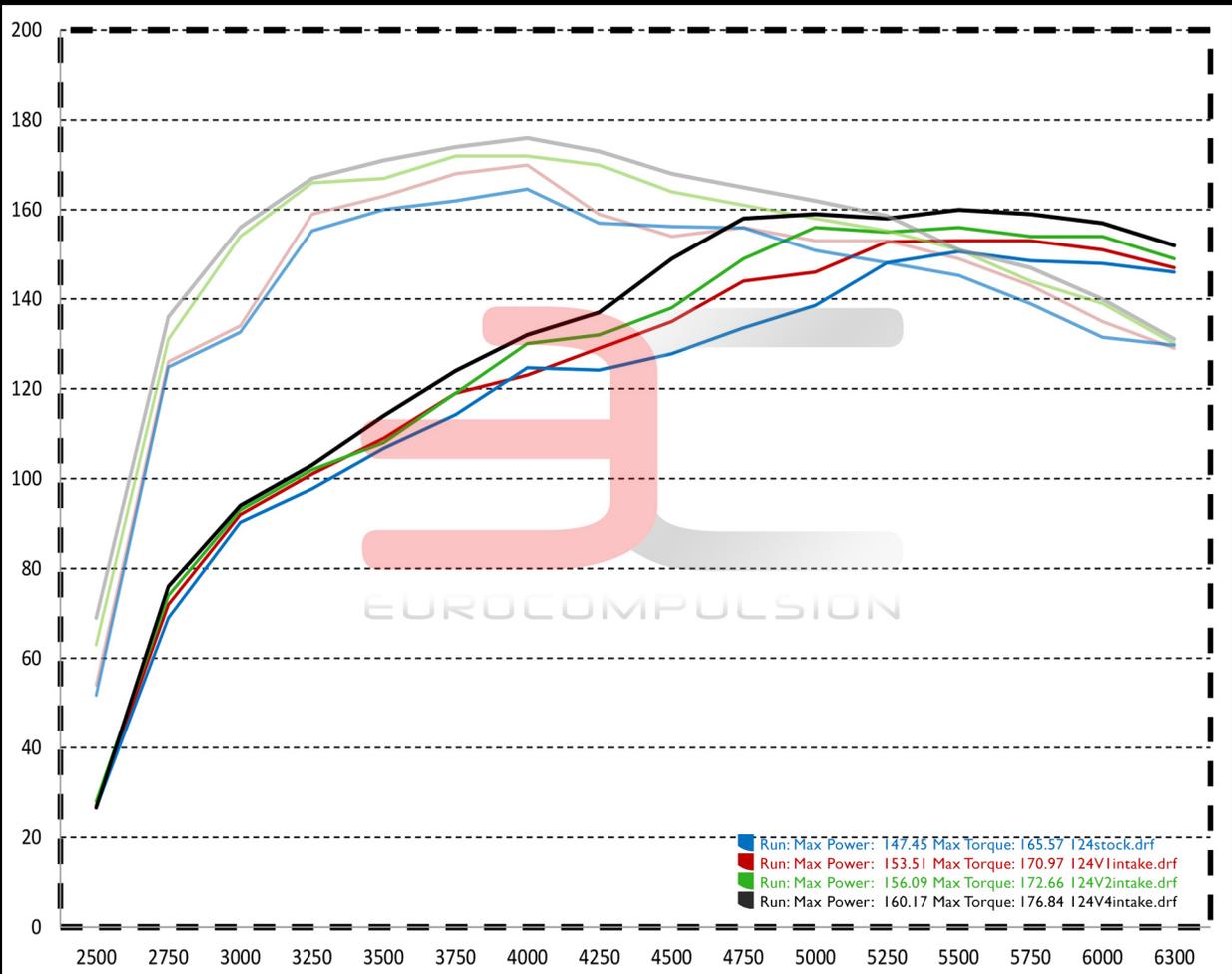
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DYNO TESTING



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AIR INDUCTION SYSTEM
COMPARISON CHARTFIAT 124
SPIDER

FEATURES

V1

V2

V4

-HIGH QUALITY SILICONE CONSTRUCTION



-UPGRADED HI FLOW FILTER



-LESS RESTRICTIVE / MORE EFFICIENT THAN STOCK



-RETAINS STOCK APPEARANCE



-INCREASED HP / TQ OVER STOCK SYSTEM



-INCREASED TURBO NOISE & INTAKE SOUNDS



-INCREASED THROTTLE RESPONSE



-DECREASED PRESSURE LOSS / INCREASED TURBO EFFICIENCY



-LOWER INTAKE AIR TEMPERATURES



-REPLACES STOCK AIRBOX



-UTILIZES MAXIMUM COLD RAM AIR PRESSURE



-MAINTAINS ALL FACTORY EVAP / VACUUM LINE ROUTING



-NO CHECK ENGINE LIGHTS



-EASILY REVERSIBLE TO STOCK

