

Dinan S2-335i

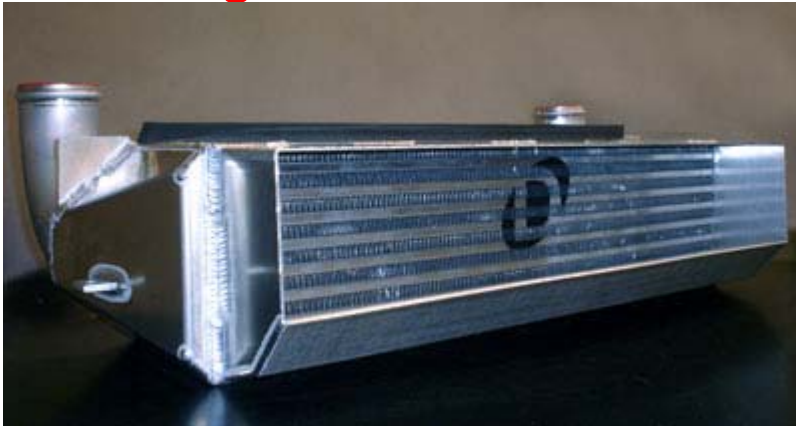
398 Horsepower / 429 lb-ft Torque

“**M3 Eater**”



-Modified Luxury and Exotics

Dinan High Performance 335i Intercooler



Greater power gains as well as improved thermal efficiencies are achieved with a larger high performance intercooler. The Dinan intercooler provides a 93% increase in total volume, reducing the pressure drop by 0.7 psi, as well as providing more efficient heat exchange. The system has been engineered as a direct replacement for the stock unit, requiring only minor modifications for a clean, factory-like installation. The intercooler also features larger connector tubing and custom shrouding for maximum air-flow efficiency.

Stage 3 Engine Software has been calibrated specifically for use with the larger intercooler, further increasing boost pressure in order to take advantage of the improved intercooler efficiency. A Dinan oil cooler is required in order to qualify for the matching new car warranty coverage for up to 4 years/50,000 miles.

The intercooler may be installed in conjunction with Stage 2 Performance Engine Software (the current version of Dinan software for the 335i) also, producing an additional 5 horsepower as well as more consistent performance under varying driving conditions. The improved thermal efficiency also enhances turbocharger reliability. The intercooler may also be used with other manufacturer's tuning products, however the matching new car warranty coverage does not apply in these cases.

Note: The intercooler will not fit vehicles equipped with Active Cruise Control, unless the unit is removed.

398 horsepower @ 5700 rpm / 429 lb-ft torque @ 4300 rpm*

**Dyno tested with Stage 3 Engine Software and Free Flow Exhaust*

Part No. D330-0009
Suggested Retail: \$1699
Installation: 4 hours

Stage 3 Engine Software/Boost Upgrade – 335i

Dinan Stage 3 Engine Software has been developed specifically for use with the Dinan intercooler, high capacity oil cooler and free flow exhaust, producing 398 horsepower and 429 lb-ft torque. The revised calibrations take full advantage of the Dinan high performance intercooler by increasing boost pressure for maximum power output.

In order to qualify for Dinan's matching new car warranty coverage, which includes consequential damages, the vehicle MUST be equipped with a Dinan oil cooler in addition to the high performance intercooler. The intercooler may be purchased and installed without the required components or for use with other manufacturer's intercoolers/tuning kits, however the matching new car warranty coverage does not apply in these cases.

Part No. D900-30TC

Suggested Retail: \$2499 (or a \$500 upgrade from the current (Stage 2) software)
Installation: 1 hour

Stage 1 Performance Engine Software/Boost Upgrade BMW 135/335/535 Models

Dinan's new Stage 1 Performance Engine Software for BMW 135/335/535 models provides a more modest increase in boost, eliminating the requirement of an oil cooler while providing substantial power gains. And as always, Dinan matches the new car warranty coverage for up to 4 years or 50,000 miles, including the possibility of consequential damages. No one offers better performance or backs it up with such comprehensive warranty coverage.

The Stage 1 Dinan Performance Engine Software safely increases turbo-boost pressure, along with properly retuned fuel mixtures, ignition timing and full map rescaling, bumping output to 366 hp and 379 lb-ft torque! The software also features remapped water pump speeds as boost increases, better controlling operating temperatures which have been notably excessive even at stock boost pressures. A much larger, more efficiently ducted oil cooler has also been developed, further improving heat exchange efficiency for lower and more consistent operating temperatures, even with the added boost pressure. While the oil cooler is not required with the Stage 1 Software, it is still very much recommended for long term reliability and particularly for those who participate in track events.

366 horsepower @ 5700 rpm / 379 lb-ft torque @ 4300 rpm

Part No. D900-30TB
Suggested Retail: \$1499
Installation: 1 hour

Dinan Stage 2 Engine Software BMW 135/335/535 Models

Dinan is pleased to announce the introduction of the anxiously awaited Stage 2 Performance Engine Software for BMW 135/335/535 models. And as always, Dinan matches the new car warranty coverage for up to 4 years or 50,000 miles, including the possibility of consequential damages*. No one offers better performance or backs it up with such comprehensive warranty coverage.

The Dinan Stage 2 Performance Engine Software safely increases turbo-boost pressure from the stock 8.8 to 13.0 psi, along with properly retuned fuel mixtures, ignition timing and full map rescaling. In fact, over 2000 engine management functions have been recalibrated, offering substantial increases in power output while maintaining the civility and reliability expected of a Dinan performance product. Some examples include:

Remapped Water Pump Speeds. In an effort to more effectively control oil and water temperatures, which have been notably excessive even at stock boost pressures, the Dinan software actually increases water pump speeds as boost pressure increases. A much larger, more efficiently ducted oil cooler has also been developed for the 335, further improving heat exchange for lower and more consistent operating temperatures, even with the added boost pressure.

Boost Pressure Control. Increased boost pressure exceeds the turbochargers' design limitations at higher rpm, potentially shortening their lifespan. Dinan addresses this issue by tapering the boost gradually at higher engine speeds. This approach also addresses the fact that with increased boost at higher rpm the turbocharger temperatures would exceed the intercooler's ability to cool the intake charge, resulting in a loss of power and compromising the long-term durability of the engine. The tapered boost keeps temperatures within the design limitations so as to optimize output and ensure engine reliability with the added boost pressure.

Top Speed Governor Removed. With Dinan's software, the turbocharged cars will be capable of achieving their natural top speed as the governor has been removed.

The results of Dinan's Stage 2 tuning are nothing short of breathtaking, with the added boost and related recalibration, along with the Free Flow Exhaust, producing maximum output of **384 horsepower at 5700 rpm and 421 lb-ft torque at 4300 rpm.**

*335i/xi Models: In order to qualify for Dinan's matching new car warranty coverage, which includes consequential damages, the vehicle MUST be equipped with either a factory oil cooler (not all 335s were equipped from the factory with an oil cooler) or Dinan's High Capacity Oil Cooler (recommended).