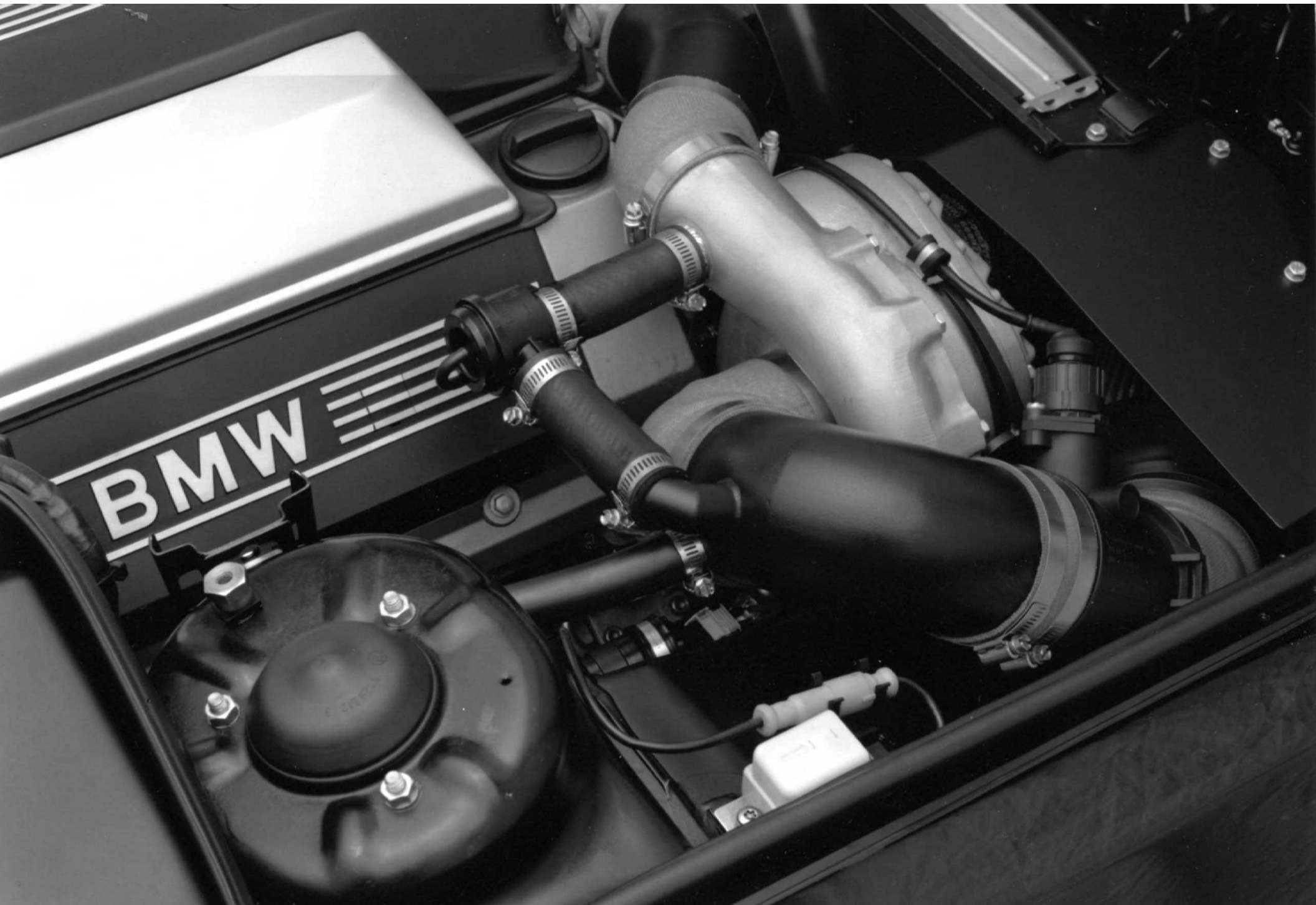


DINAN

540

740

**BMW
PERFORMANCE
PRODUCTS**



STAGE 3 SUSPENSION SYSTEM -540i

When most tuners are finished Dinan is just beginning. Dinan uses a three plane suspension geometry program to identify the car's biggest geometric weakness. The 540i's biggest weakness is in the front end. The correction is made by relocating the upper strut mounting point with a camber plate. This camber plate dramatically reduces understeer (the car's tendency to plow the front end). Relocating the strut inward also makes it possible to fit the larger wheels and tires in the front, reducing understeer still further. Stage 3 adds the camber plate to the shocks, springs and bars of Stage 2. Stage 3 is Dinan's best value, the price increase over Stage 2 is small while the gain in handling is very large.

DESCRIPTION	PRICE	INSTALLATION
STAGE 3	\$1,429.00	9 HRS.
2 FRONT SHOCKS		
2 REAR SHOCKS		
4 LOWER SPRINGS		
1 25 mm FRONT BAR ADJ		
1 19 mm REAR BAR ADJ		
1 SET CAMBER PLATES		

STAGE 4 SUSPENSION SYSTEM -540i

Stage 4 is Dinan's most complete suspension package. It adds to Stage 3 the ability to change the car's alignment at both ends. This is done by adding a camber adjustable rear subframe. This suspension is for the serious enthusiast who demands the most from their car. The kind of performance only Dinan can deliver.

DESCRIPTION	PRICE	INSTALLATION
STAGE 4	\$1,789.00	13 HRS.
2 FRONT SHOCKS		
2 REAR SHOCKS		
4 LOWER SPRINGS		
1 25 mm FRONT BAR ADJ		
1 19 mm REAR BAR ADJ		
1 SET CAMBER PLATES		
1 ADJUSTABLE SUBFRAME*		

***EXCHANGE PRICE -\$550.00 REFUNDABLE CORE DEPOSIT**

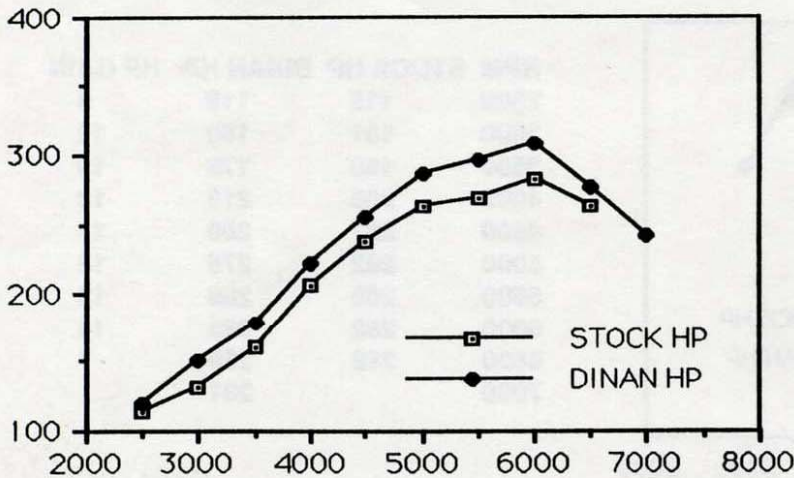
FREE FLOW EXHAUST SYSTEM

Dinan offers a dyno-tuned free flow exhaust system matched to the engine and designed to be compatible with a Dinan performance chip. This package is tuned for the optimum balance between maximum power and a mellow sporty sound.

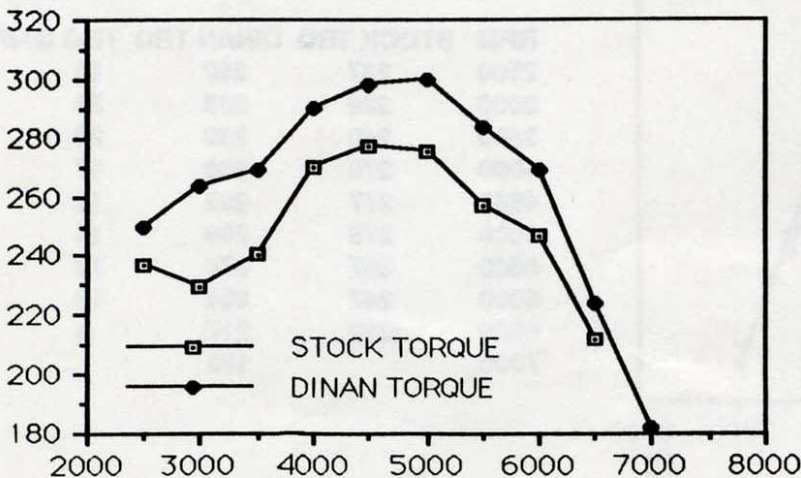
Dinan exhaust systems are manufactured from OEM BMW systems for a perfect fit and the highest quality. Polished stainless steel Dinan exhaust tips add a tasteful visual enhancement to the package.

DESCRIPTION	540i	740i/L	INSTALLATION
FREE FLOW EXHAUST SYSTEM	\$995.	\$1049.	2 HRS.

DYNO RESULTS FOR CHIP AND FREE FLOW EXHAUST SYSTEM



RPM	STOCK HP	DINAN HP	HP GAIN
2500	113	119	6
3000	131	150	19
3500	160	179	19
4000	206	221	15
4500	237	255	18
5000	262	286	24
5500	269	296	27
6000	282	307	25
6500	262	277	15
7000	-	242	-



RPM	STOCK TRQ	DINAN TRQ	TRQ GAIN
2500	237	250	13
3000	229	263	33
3500	240	269	29
4000	270	290	20
4500	277	298	21
5000	275	300	25
5500	257	283	26
6000	247	269	22
6500	212	224	12
7000	-	182	-

LIMITED SLIP DIFFERENTIAL

The 540 and 740 automatics are equipped from the factory with extremely tall final drive gearing. In fact, if the car had enough horsepower to achieve it, the stock 2.93:1 differential is geared for over 212 mph! This extremely tall gear sacrifices a great deal of 0-60 and 1/4 mile performance without providing any real benefit.

Dinan recommends lowering the final drive gear on the automatics with a 3.64:1, limited slip differential. The lower gearing will provide substantial improvement in acceleration times and still allow for top speed potential of 177 mph, which is far in excess of the available horsepower. Limited slip will significantly improve the car's handling as well. For the 6 speed 540i, Dinan recommends 3.15:1 gearing for improved acceleration.

The final drive gearing modifications are highly recommended for use with Dinan Supercharger systems.

DESCRIPTION	PRICE	INSTALLATION
3.64:1 LIMITED SLIP DIFFERENTIAL*	\$2595.	3 HRS.
3.15:1 LIMITED SLIP DIFFERENTIAL*	\$2595.	3 HRS.

***EXCHANGE PRICE - \$125.00 REFUNDABLE CORE DEPOSIT**

HIGH STALL TORQUE CONVERTER

Further improvement in performance for the 740 and automatic equipped 540 can be obtained from a higher stall speed torque converter.

The higher stall speed torque converter allows for much faster acceleration from a dead stop by enabling the engine to rev higher before acceleration begins. The higher RPM puts the engine into its peak power range sooner. The 540 and 740 have a factory stall speed of 1950 RPM as compared to the Dinan torque converter which is raised to 2600 RPM. The Dinan high performance torque converter retains the lock up feature in 4th and 5th gears to maintain fuel economy at cruise.

DESCRIPTION	PRICE	INSTALLATION
HIGH STALL CONVERTER*	\$995.00	6 HRS.
BMW SYNTHETIC FLUID - 5 LITRES		

***EXCHANGE PRICE - \$1000.00 REFUNDABLE CORE DEPOSIT**

DINAN SUPERCHARGER SYSTEMS

Dinan's Supercharger Systems for the 540 and 740 offer outstanding horsepower and torque increases in an extremely cost effective package. These systems have been carefully engineered to deliver serious performance without negatively affecting everyday driveability or the reliability you expect of your BMW.

Dinan's expertise in forced induction engine technology is evident in every aspect of the Supercharger Systems for BMW's 4 Liter V8s. The package includes an extremely efficient Centrifugal Compressor type supercharger which is belt driven internally for quiet operation. The supercharger features sealed ceramic bearings, which require no lubrication or maintenance and also avoids the need for an external oil feed. The efficient design of the supercharger also provides for very low intake charge air temperatures for greater power gains and minimal energy waste. The Dinan Supercharger actually turns 20,000 fewer rpm than more common designs.

The kits have been carefully designed to bolt on to the 540 and 740 without any major modifications to the cars. Custom Dinan Engine Management Software is included as well as the Dinan TurboTronics-10, an electronic device which recalibrates the stock air-flow meter for use with the supercharger system. Dinan electronics provide maximum horsepower gains by insuring the optimum ignition timing and fuel enrichment required under boost, as well as protecting the engine against detonation.

The Dinan Supercharger System is a complete kit, and includes the following components:

- Supercharger
- CNC Machined Crank Pulley
- 6-Rib Drive Belt
- Intake Plumbing
- Compressor Bypass Assembly
- Engine Management Software
- Performance Air Filter Assembly
- Air Filter and Belt Cover
- High Flow Fuel Injectors
- Dual Fuel Pump Assembly
- Turbotronics-10
- Automatic Transmission Software

DESCRIPTION	PRICE	INSTALLATION
DINAN SUPERCHARGER SYSTEM	\$6995	20 HRS.

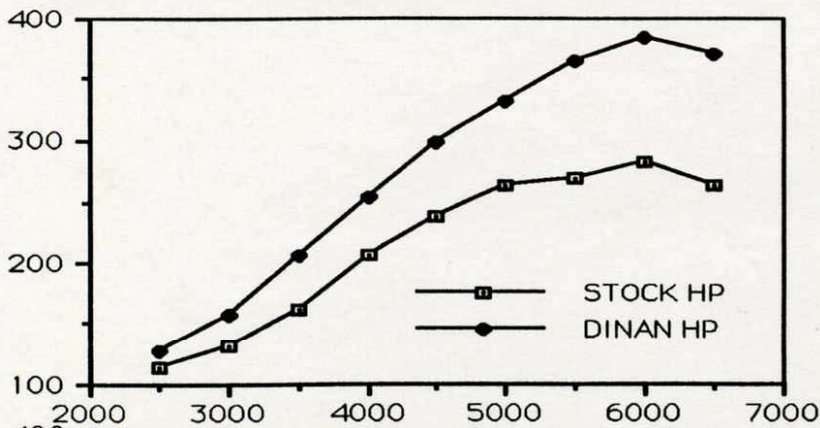
STAGE 2 SUPERCHARGER SYSTEM

The Stage 2 Supercharger System provides further increases in horsepower and torque by adding Dinan's Free Flow Exhaust System to the package.

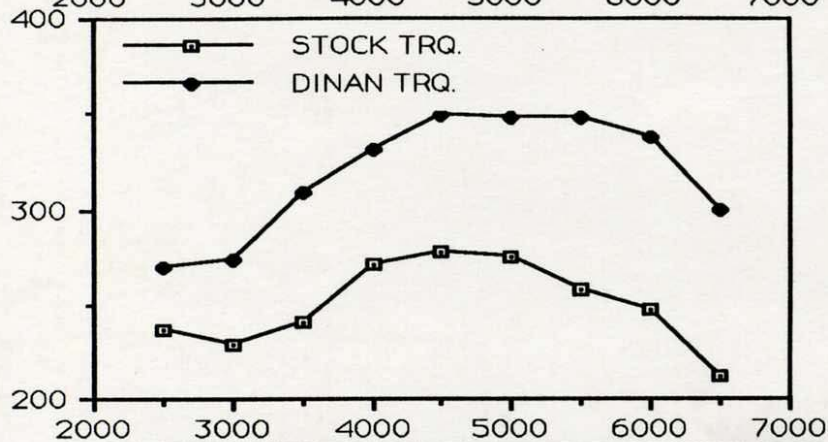
DESCRIPTION	PRICE	INSTALLATION
STAGE 2 SUPERCHARGER SYSTEM	\$7995	22 HRS.

Not legal for sale or use in California on any pollution controlled motor vehicle.

540i / 740i SUPERCHARGER SYSTEM

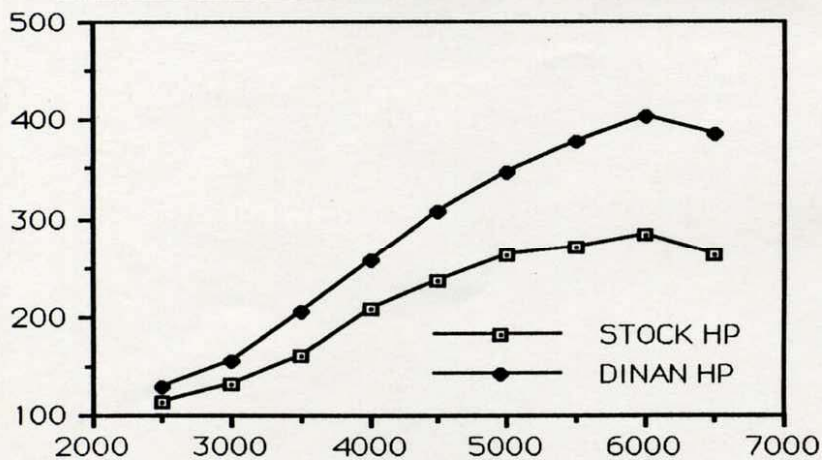


RPM	STOCK HP	DINAN HP	HP GAIN
2500	113	128	15
3000	131	156	25
3500	160	205	45
4000	206	252	46
4500	237	299	62
5000	262	331	69
5500	269	364	95
6000	282	385	103
6500	262	370	108

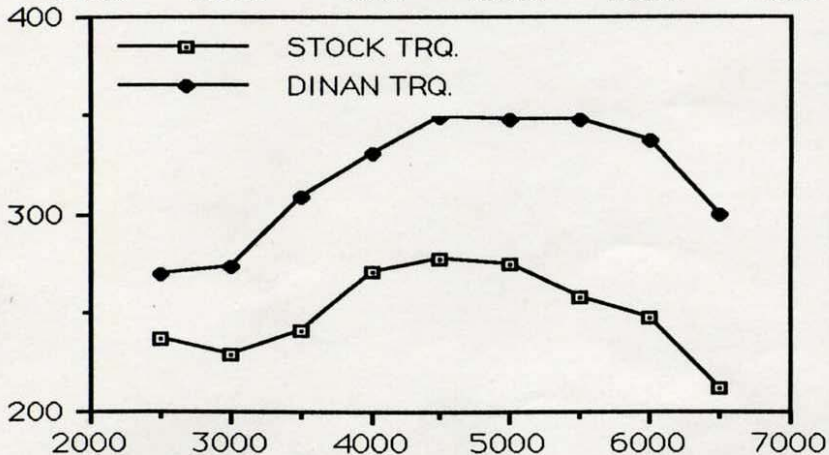


RPM	STOCK TRQ	DINAN TRQ	TRQ GAIN
2500	237	269	32
3000	229	273	44
3500	240	308	68
4000	270	331	61
4500	277	349	72
5000	275	348	73
5500	257	348	91
6000	247	337	90
6500	212	299	87

540i / 740i -STAGE 2 SUPERCHARGER SYSTEM



RPM	STOCK HP	DINAN HP	HP GAIN
2500	113	128	15
3000	131	156	25
3500	160	205	45
4000	206	256	50
4500	237	307	70
5000	262	346	84
5500	269	378	109
6000	282	402	120
6500	262	384	122



RPM	STOCK TRQ	DINAN TRQ	TRQ GAIN
2500	237	269	32
3000	229	273	44
3500	240	308	68
4000	270	336	66
4500	277	358	81
5000	275	363	88
5500	257	361	104
6000	247	352	105
6500	212	310	98

STAGE 3 SUPERCHARGER SYSTEM

The Stage 3 package includes Dinan's high performance cam set which has been developed specifically for use with the supercharger and Free Flow Exhaust System. Peak horsepower is increased to 439 at 6500 rpm for a 37 horsepower gain over the Stage 2 System.

DESCRIPTION

PRICE

INSTALLATION

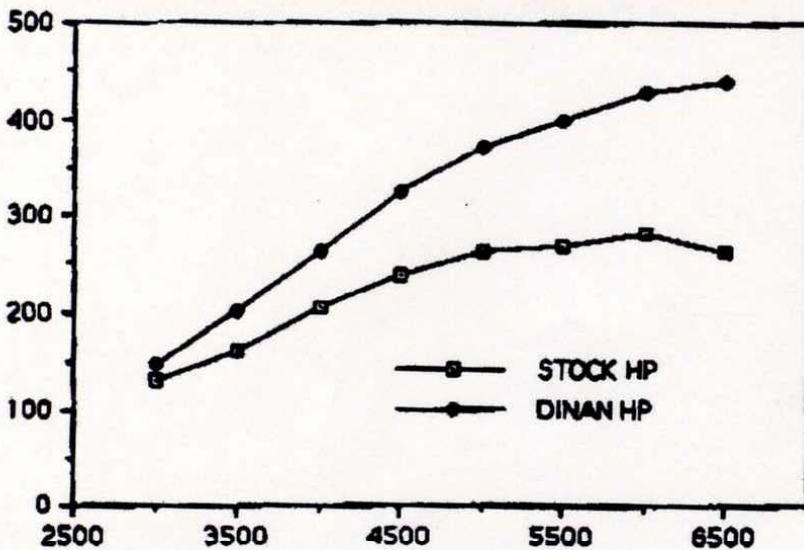
STAGE 3 SUPERCHARGER SYSTEM
 SUPERCHARGER SYSTEM
 FREE FLOW EXHAUST SYSTEM
 HIGH PERFORMANCE CAM SET

\$12,995

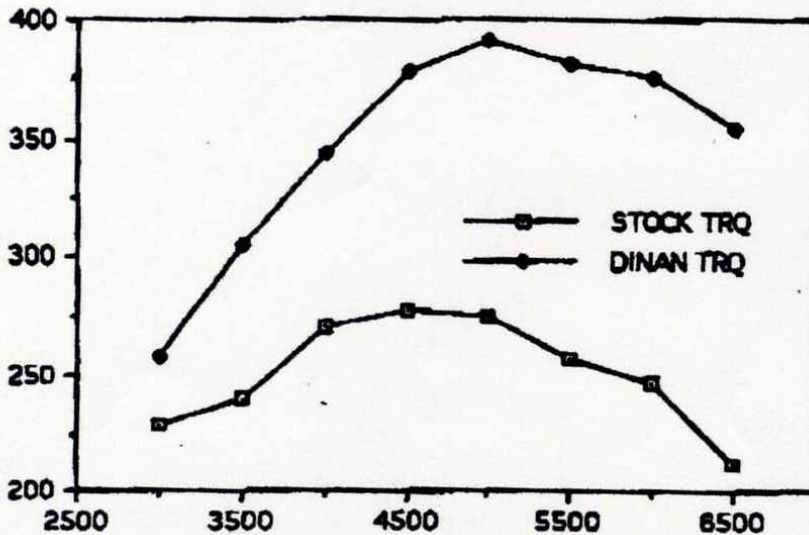
36 HRS.

cams only \$3,995 and 14 hrs Labor

540I / 740I / 840I - STAGE 3 SUPERCHARGER SYSTEM



RPM	STOCK HP	DINAN HP	HP GAIN
3000	131	147	16
3500	160	203	43
4000	206	262	56
4500	237	324	87
5000	262	372	110
5500	269	399	130
6000	282	428	146
6500	262	439	177



RPM	STOCK TRQ	DINAN TRQ	GAIN
3000	229	258	29
3500	240	305	65
4000	270	344	74
4500	277	378	101
5000	275	391	116
5500	257	381	124
6000	247	375	128
6500	212	354	142