



### 1984-1986 Porsche 911 Carrera

The engineers at Dinan have developed the ideal performance chip for your Porsche. Our expertise guarantees you will obtain substantial performance gains without tradeoffs. A Dinan Chip is the simplest, most cost effective performance upgrade you can get for your Porsche!

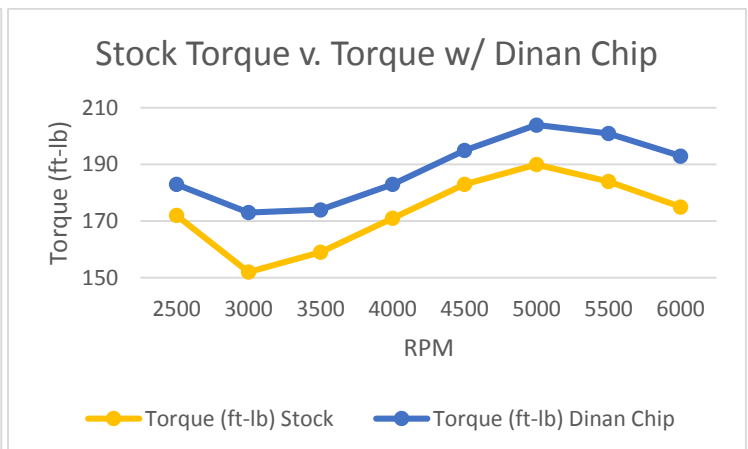
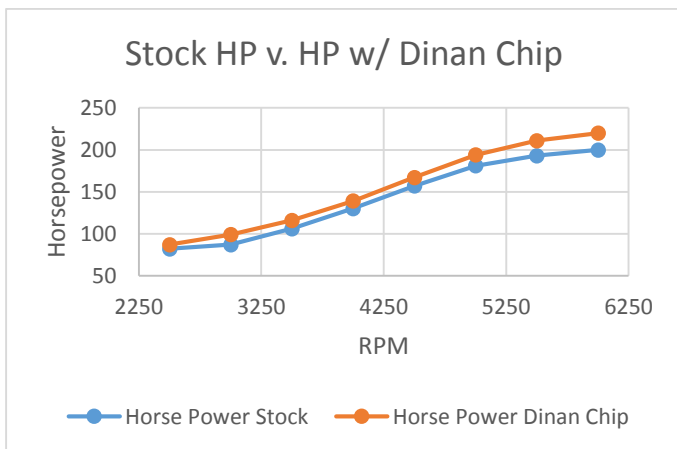
Your car has a Bosch Motronic engine management system, which is controlled by a central digital computer that manages the ignition timing and fuel delivery functions. Information specific to your vehicle’s engine type, year and model is encoded onto an “EPROM” memory chip inside your vehicle’s electronic control unit (ECU) “brain”. On this chip, the ignition timing and fuel delivery information are contained within data sets called “maps”, these maps control the engine’s idling, part-throttle and wide-open throttle operation. Appropriate fuel metering and ignition advance values are selected from these maps according to the engine loading, RPM, and the setting of the throttle-position switch (located on the throttle body).

By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install a Dinan Chip on your 911 Carrera, you will see a 20 horsepower peak gain at 6000 RPM, accompanied by an average mid-range gain of 11 HP. The chip also provides substantial increase in low-end torque and the rev-limit has been safely raised to 7000 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2500	82	87	5	172	183	11
3000	87	99	12	152	173	21
3500	106	116	10	159	174	15
4000	130	139	9	171	183	12
4500	157	167	10	183	195	12
5000	181	194	13	190	204	14
5500	193	211	18	184	201	17
6000	200	220	20	175	193	18



All Dinan Chips are covered by both a lifetime warranty (while owned by the original purchaser only) and a 30-day money back performance satisfaction guarantee. This product is 50-state emissions legal. It has been granted an exemption by the California Air Resources Board (CARB E.O. D-176-xx), and is in compliance with U.S. EPA Memorandum 1A.



### 1987 911 Carrera 24-pin Chip

The engineers at Dinan have developed the ideal performance chip for your Porsche. Our expertise guarantees you will obtain substantial performance gains without tradeoffs. A Dinan Chip is the simplest, most cost effective performance upgrade you can get for your Porsche!

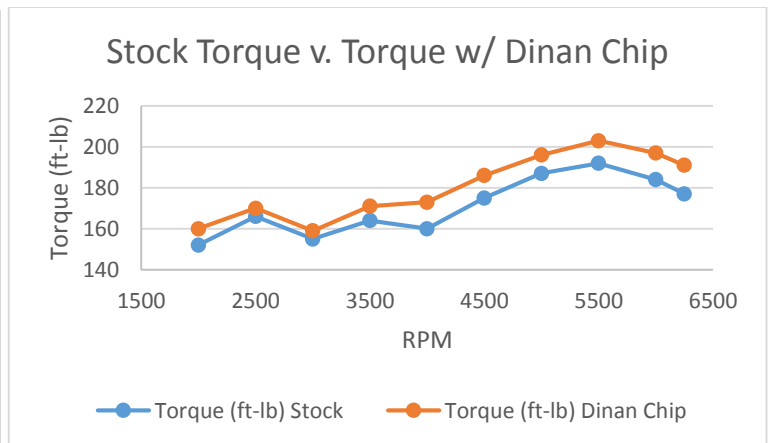
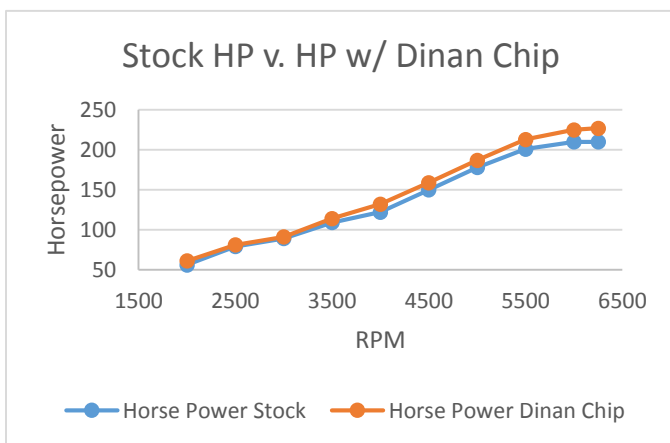
Your car has a Bosch Motronic engine management system, which is controlled by a central digital computer that manages the ignition timing and fuel delivery functions. Information specific to your vehicle’s engine type, year and model is encoded onto an “EPROM” memory chip inside your vehicle’s electronic control unit (ECU) “brain”. On this chip, the ignition timing and fuel delivery information are contained within data sets called “maps”, these maps control the engine’s idling, part-throttle and wide-open throttle operation. Appropriate fuel metering and ignition advance values are selected from these maps according to the engine loading, RPM, and the setting of the throttle-position switch (located on the throttle body).

By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install a Dinan Chip on your 911 Carrera, you will see a 17 horsepower peak gain at 6250 RPM, accompanied with an average gain of 12 HP over the 4000-6000 RPM range. These gains are accompanied with some increase in low-end torque and the rev-limit has been safely raised to 7000 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2000	56	61	3	152	160	8
2500	79	81	2	166	170	4
3000	89	91	2	155	159	4
3500	109	114	5	164	171	5
4000	122	132	10	160	173	13
4500	150	159	9	175	186	11
5000	178	187	9	187	196	9
5500	201	213	12	192	203	11
6000	210	225	15	184	197	13
6250	210	227	17	177	191	14



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## 1988-1989 Porsche 911 Carrera

The engineers at Dinan have developed the ideal performance chip for your Porsche. Our expertise guarantees you will obtain substantial performance gains without tradeoffs. A Dinan Chip is the simplest, most cost effective performance upgrade you can get for your Porsche!

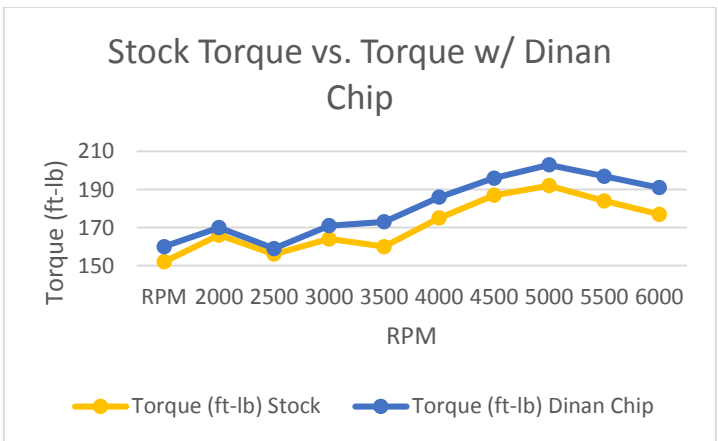
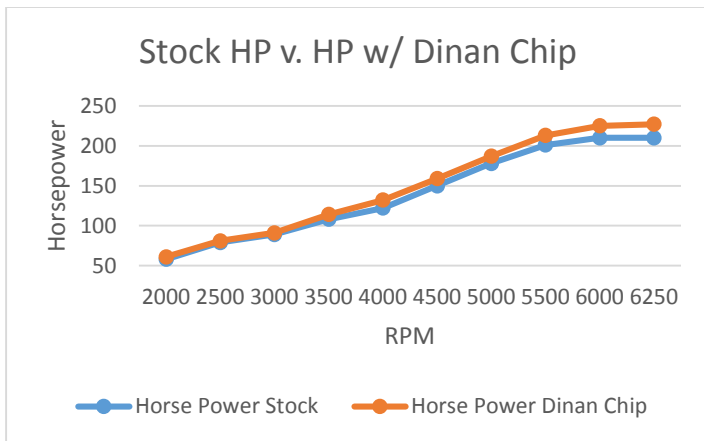
Your car has a Bosch Motronic engine management system, which is controlled by a central digital computer that manages the ignition timing and fuel delivery functions. Information specific to your vehicle’s engine type, year and model is encoded onto an “EPROM” memory chip inside your vehicle’s electronic control unit (ECU) “brain”. On this chip, the ignition timing and fuel delivery information are contained within data sets called “maps”, these maps control the engine’s idling, part-throttle and wide-open throttle operation. Appropriate fuel metering and ignition advance values are selected from these maps according to the engine loading, RPM, and the setting of the throttle-position switch (located on the throttle body).

By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install a Dinan Chip on your 911 Carrera, you will see a 17 horsepower peak gain at 6250 RPM, accompanied with an average gain of 12 HP over the 4000-6000 RPM range. These gains are accompanied with some increase in low-end torque and the rev-limit has been safely raised to 7000 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2000	58	61	3	152	160	8
2500	79	81	2	166	170	4
3000	89	91	2	156	159	3
3500	108	114	6	164	171	7
4000	122	132	10	160	173	13
4500	150	159	9	175	186	11
5000	178	187	9	187	196	9
5500	201	213	15	192	203	11
6000	210	225	15	184	197	13
6250	210	227	17	177	191	14



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## 8/89-6/90 Porsche Carrera 2& 12/88-6/90 Porsche Carrera 4

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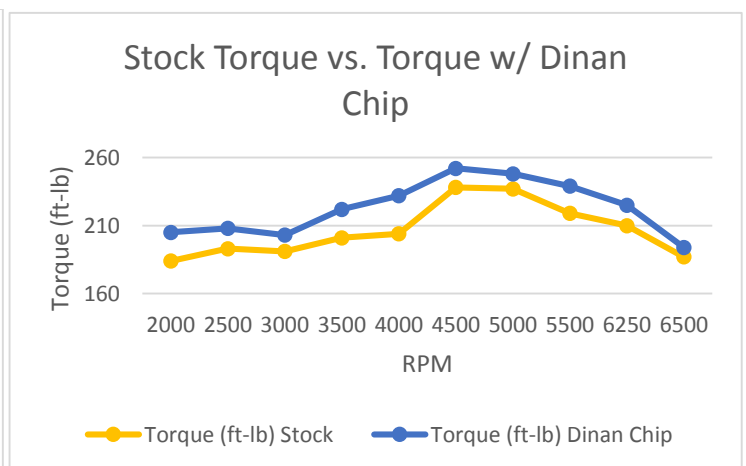
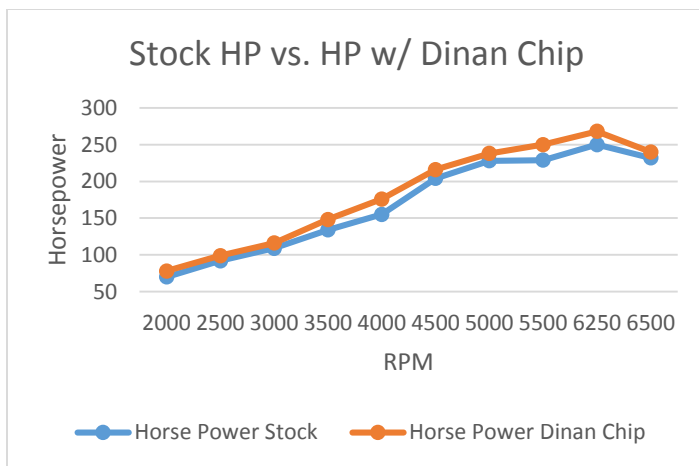
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By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install a Dinan Chip on your Carrera, you will see a 21 horsepower gain (14%) at 6000 RPM, accompanied with an average gain of 16 HP within the power band. These gains are accompanied with a substantial increase in low-end torque and the rev-limit has been safely raised to 7150 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2000	70	78	8	184	205	21
2500	92	99	7	193	208	15
3000	109	116	7	191	203	12
3500	134	148	14	201	222	21
4000	155	176	21	204	232	28
4500	204	216	12	238	252	14
5000	228	238	10	237	248	11
5500	229	250	21	219	239	20
6250	250	268	18	210	225	15
6500	232	240	8	187	194	7



All Dinan Chips are covered by both a lifetime warranty (while owned by the original purchaser only) and a 30-day money back performance satisfaction guarantee. This product is 50-state emissions legal. It has been granted an exemption by the California Air Resources Board (CARB E.O. D-176-xx), and is in compliance with U.S. EPA Memorandum 1A.



### July 1990-June 1991 Carrera 2 & 4 Speedster

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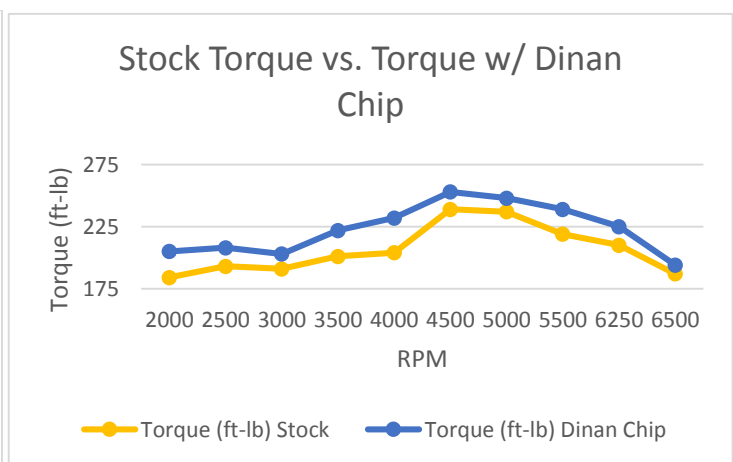
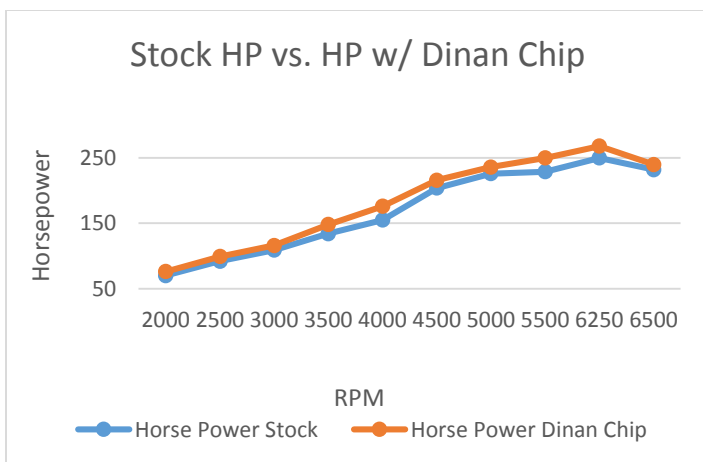
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By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install a Dinan Chip on your Carrera, you will see a 21 horsepower peak gain at 6000 RPM, accompanied with an average gain of 16 HP within the power band. These gains are accompanied with a substantial increase in low-end torque and the rev-limit has been safely raised to 7150 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2000	70	76	6	184	205	21
2500	92	99	7	193	208	15
3000	109	116	7	191	203	12
3500	134	148	6	201	222	21
4000	155	176	21	204	232	28
4500	204	216	12	239	253	14
5000	226	236	10	237	248	11
5500	229	250	21	219	239	20
6250	250	268	18	210	225	15
6500	232	240	8	187	194	7



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### 7/91 and later Porsche Carrera 2 & Carrera 4

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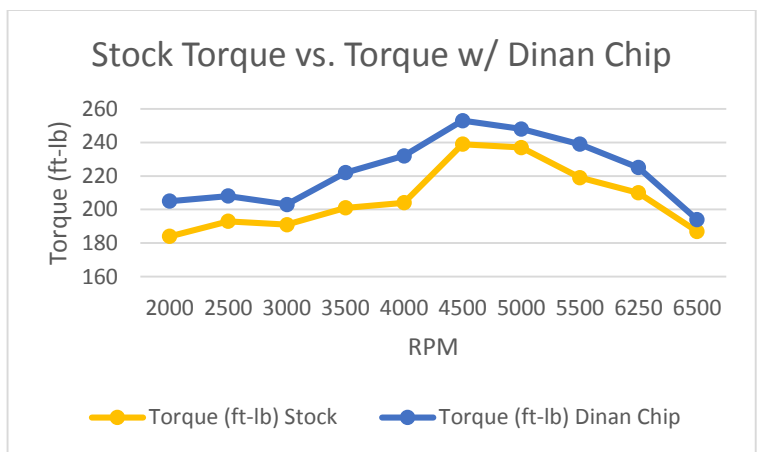
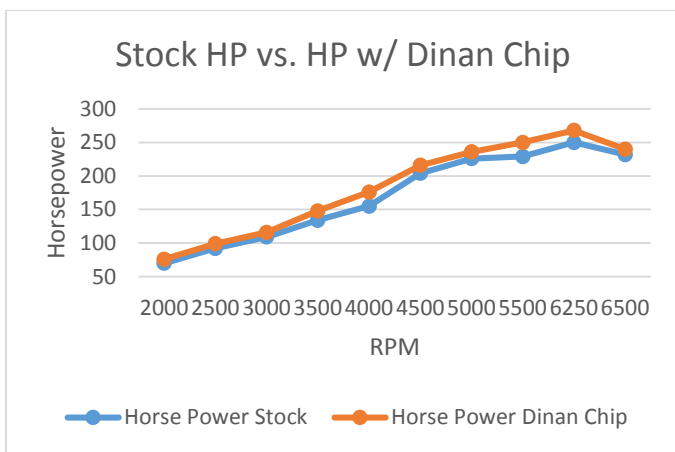
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By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install a Dinan Chip on your Carrera, you will see a 21 horsepower peak gain (14%) at 6000 RPM, with an average gain of 12 HP within the power band and are accompanied with a substantial increase in low-end torque.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2000	70	76	6	184	205	21
2500	92	99	7	193	208	15
3000	109	116	7	191	203	12
3500	134	148	6	201	222	21
4000	155	176	21	204	232	28
4500	204	216	12	239	253	14
5000	226	236	10	237	248	11
5500	229	250	21	219	239	20
6250	250	268	18	210	225	15
6500	232	240	8	187	194	7



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## 1995 Porsche 911 (993)

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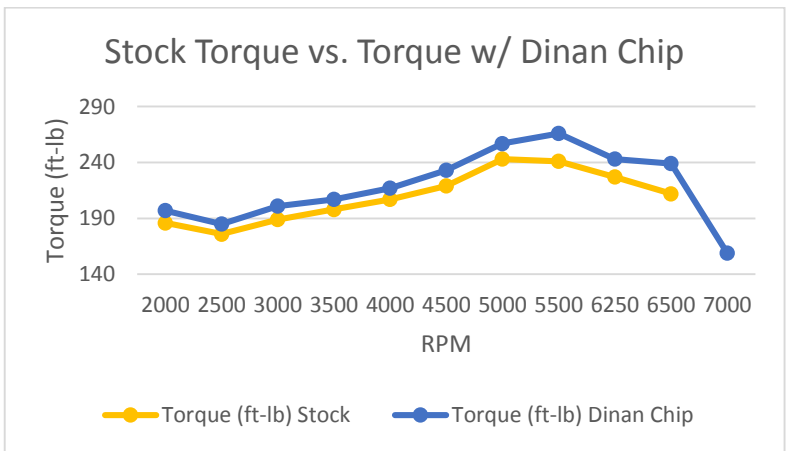
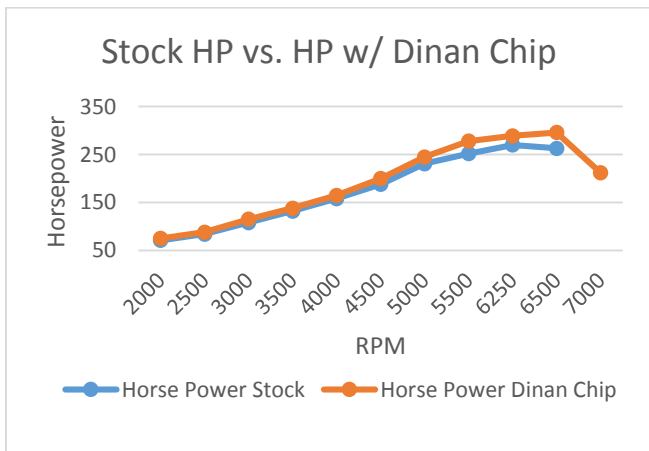
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By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install a Dinan Chip on your 993, you will see a 33 horsepower peak gain (13%) at 6500 RPM, a 26 HP gain (10%) at 5500 RPM, and an average gain of 17 HP within the power band. These gains are accompanied by a substantial increase in low-end torque, and the rev-limit has been safely raised to 7000 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2000	71	75	4	186	197	11
2500	84	88	4	176	185	8
3000	108	115	7	189	201	12
3500	132	138	6	198	207	9
4000	158	165	7	207	217	10
4500	188	200	12	219	233	14
5000	231	245	14	243	257	16
5500	252	278	26	241	266	25
6250	270	289	29	227	243	16
6500	263	296	33	212	239	27
7000		212			159	



All Dinan Chips are covered by both a lifetime warranty (while owned by the original purchaser only) and a 30-day money back performance satisfaction guarantee. This product is 49-state emissions legal and is in compliance with U.S. EPA Memorandum 1A, or this product has not been found, nor is believed to be, unlawful for use under the provisions of the Clean Air Act.. It is currently not legal for sale or use in California.



### 944 January 1985 Only

The engineers at Dinan have developed the ideal performance chip for your Porsche. Our expertise guarantees you will obtain substantial performance gains without tradeoffs. A Dinan Chip is the simplest, most cost effective performance upgrade you can get for your Porsche!

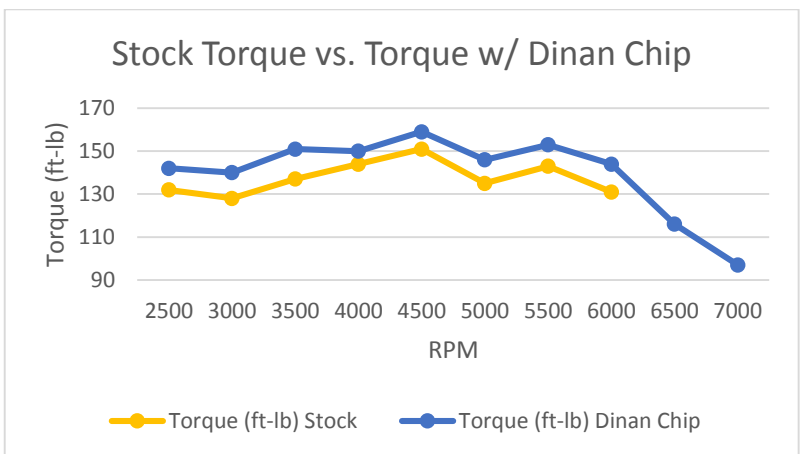
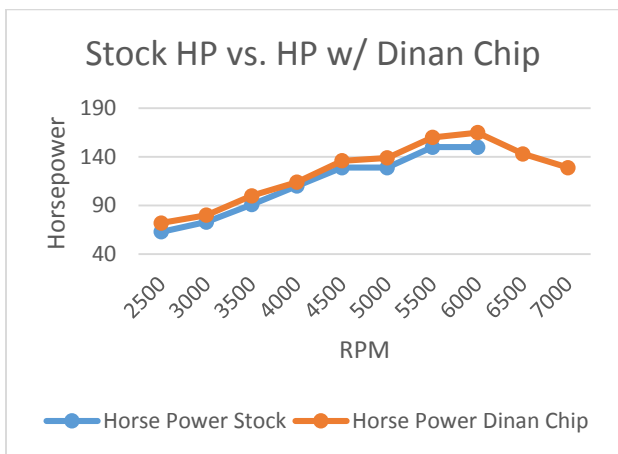
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By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install a Dinan Chip on your 944, you will see a 15 horsepower peak gain at 6000 RPM, with gains of up to 10 HP in other ranges. These gains are accompanied by an increase in low-end torque, and the rev-limiter has been safely raised to 7000 RPM.

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2500	63	72	9	132	142	10
3000	73	80	7	128	140	12
3500	91	100	9	137	151	14
4000	110	114	4	144	150	6
4500	129	136	7	151	159	8
5000	129	139	10	135	146	11
5500	150	160	10	143	153	10
6000	150	165	15	131	144	13
6500		143			116	
7000		129			97	

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?



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## February 1985-1987 Porsche 924S and 944

The engineers at Dinan have developed the ideal performance chip for your Porsche. Our expertise guarantees you will obtain substantial performance gains without tradeoffs. A Dinan Chip is the simplest, most cost effective performance upgrade you can get for your Porsche!

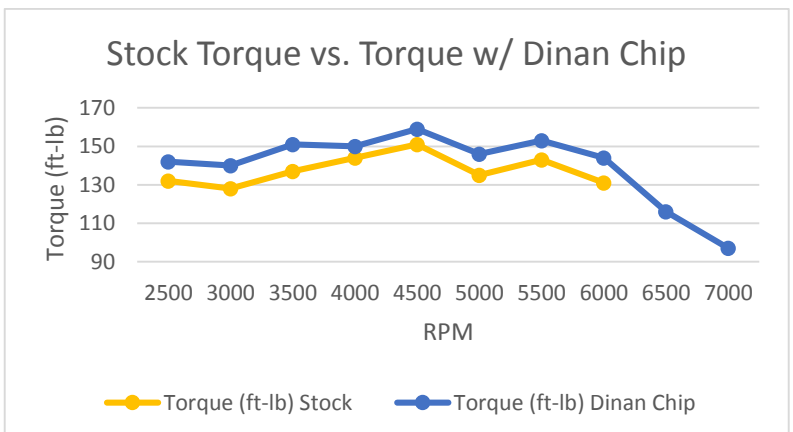
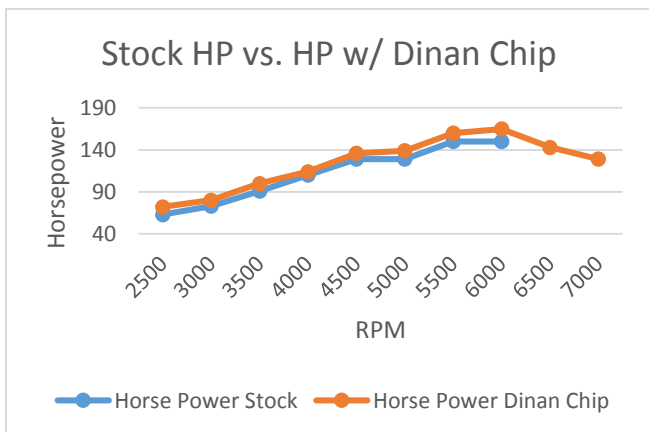
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By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install a Dinan Chip on your 924S or 944, you will see a 15 horsepower peak gain at 6000 RPM, with gains of up to 10 HP in all other ranges. These gains are accompanied by a substantial increase in low-end torque, and the rev-limiter has been safely raised to 7000 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2500	63	72	9	132	142	10
3000	73	80	7	128	140	12
3500	91	100	9	137	151	14
4000	110	114	4	144	150	6
4500	129	136	7	151	159	8
5000	129	139	10	135	146	11
5500	150	160	10	143	153	10
6000	150	165	15	131	144	13
6500		143			116	
7000		129			97	



All Dinan Chips are covered by both a lifetime warranty (while owned by the original purchaser only) and a 30-day money back performance satisfaction guarantee. This product is 50-state emissions legal. It has been granted an exemption by the California Air Resources Board (CARB E.O. D-176-xx), and is in compliance with U.S. EPA Memorandum 1A.



### 1988 Porsche 924S and 944

The engineers at Dinan have developed the ideal performance chip for your Porsche. Our expertise guarantees you will obtain substantial performance gains without tradeoffs. A Dinan Chip is the simplest, most cost effective performance upgrade you can get for your Porsche!

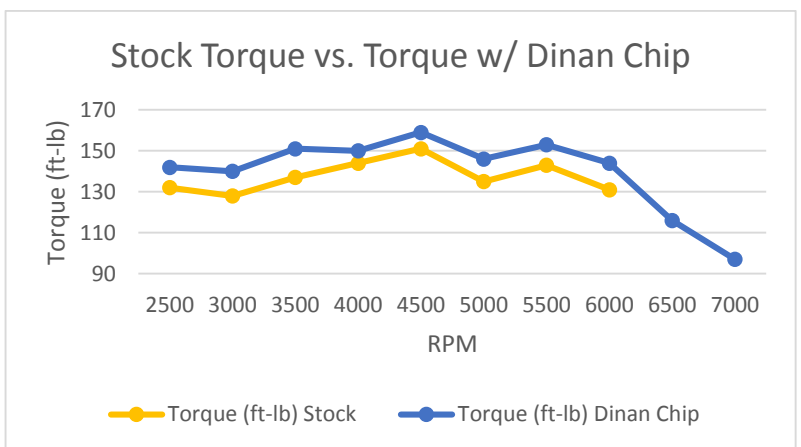
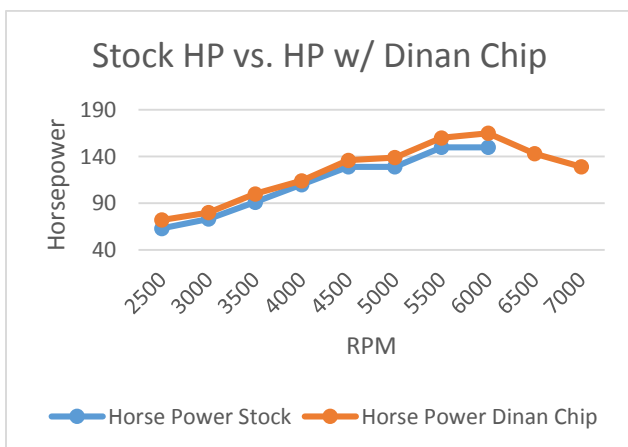
Your car has a Bosch Motronic engine management system, which is controlled by a central digital computer that manages the ignition timing and fuel delivery functions. Information specific to your vehicle’s engine type, year and model is encoded onto an “EPROM” memory chip inside your vehicle’s electronic control unit (ECU) “brain”. On this chip, the ignition timing and fuel delivery information are contained within data sets called “maps”, these maps control the engine’s idling, part-throttle and wide-open throttle operation. Appropriate fuel metering and ignition advance values are selected from these maps according to the engine loading, RPM, and the setting of the throttle-position switch (located on the throttle body).

By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install a Dinan Chip on your 924S or 944, you will see a 15 horsepower peak gain at 6000 RPM, with gains of up to 10 HP in all other ranges. These gains are accompanied by a substantial increase in low-end torque, and the rev-limiter has been safely raised to 7000 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91(or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2500	63	72	9	132	142	10
3000	73	80	7	128	140	12
3500	91	100	9	137	151	14
4000	110	114	4	144	150	6
4500	129	136	7	151	159	8
5000	129	139	10	135	146	11
5500	150	160	10	143	153	10
6000	150	165	15	131	144	13
6500		143			116	
7000		129			97	



All Dinan Chips are covered by both a lifetime warranty (while owned by the original purchaser only) and a 30-day money back performance satisfaction guarantee .This product is 50-state emissions legal. It has been granted an exemption by the California Air Resources Board (CARB E.O. D-176-xx), and is in compliance with U.S. EPA Memorandum 1A.



## 1987 Porsche 944S

The engineers at Dinan have developed the ideal performance chip for your Porsche. Our expertise guarantees you will obtain substantial performance gains without tradeoffs. A Dinan Chip is the simplest, most cost effective performance upgrade you can get for your Porsche!

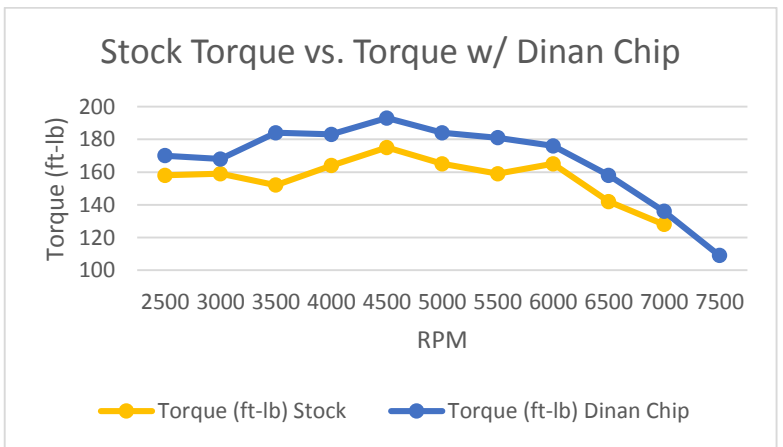
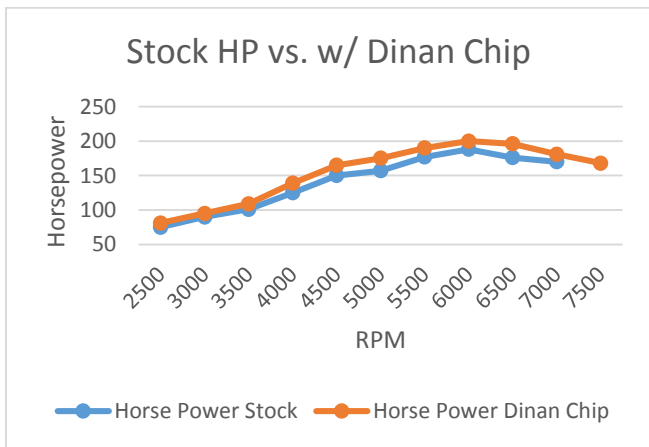
Your car has a Bosch Motronic engine management system, which is controlled by a central digital computer that manages the ignition timing and fuel delivery functions. Information specific to your vehicle’s engine type, year and model is encoded onto an “EPROM” memory chip inside your vehicle’s electronic control unit (ECU) “brain”. On this chip, the ignition timing and fuel delivery information are contained within data sets called “maps”, these maps control the engine’s idling, part-throttle and wide-open throttle operation. Appropriate fuel metering and ignition advance values are selected from these maps according to the engine loading, RPM, and the setting of the throttle-position switch (located on the throttle body).

By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install a Dinan Chip on your 944S, you will see a 20 horsepower peak gain at 6500 RPM and an average midrange gain of 14 HP. These gains are accompanied by a substantial increase in low-end torque, and the rev-limiter has been safely raised to 7500 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2500	75	81	6	158	170	13
3000	90	95	5	159	168	9
3500	101	109	8	152	184	14
4000	125	139	14	164	183	19
4500	150	165	15	175	193	18
5000	157	175	18	165	184	19
5500	177	190	13	159	181	12
6000	188	200	12	165	176	11
6500	176	196	20	142	158	16
7000	170	181	11	128	136	8
7500		168			109	



All Dinan Chips are covered by both a lifetime warranty (while owned by the original purchaser only) and a 30-day money back performance satisfaction guarantee. This product is 50-state emissions legal. It has been granted an exemption by the California Air Resources Board (CARB E.O. D-176-xx), and is in compliance with U.S. EPA Memorandum 1A.



## 1989 Porsche 944, 944S

The engineers at Dinan have developed the ideal performance chip for your Porsche. Our expertise guarantees you will obtain substantial performance gains without tradeoffs. A Dinan Chip is the simplest, most cost effective performance upgrade you can get for your Porsche!

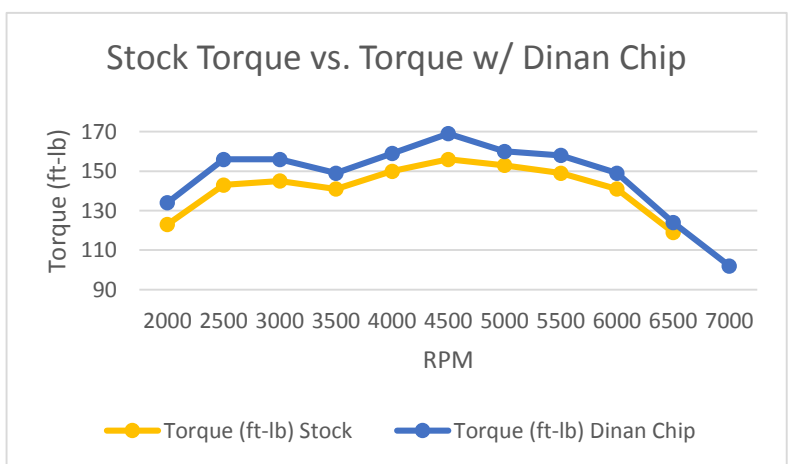
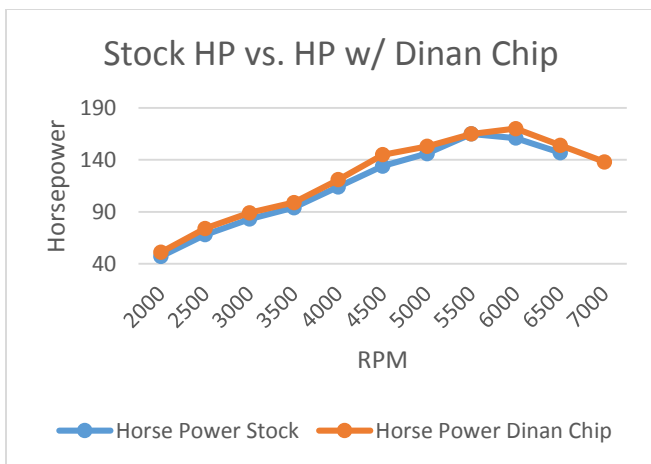
Your car has a Bosch Motronic engine management system, which is controlled by a central digital computer that manages the ignition timing and fuel delivery functions. Information specific to your vehicle’s engine type, year and model is encoded onto an “EPROM” memory chip inside your vehicle’s electronic control unit (ECU) “brain”. On this chip, the ignition timing and fuel delivery information are contained within data sets called “maps”, these maps control the engine’s idling, part-throttle and wide-open throttle operation. Appropriate fuel metering and ignition advance values are selected from these maps according to the engine loading, RPM, and the setting of the throttle-position switch (located on the throttle body).

By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install a Dinan Chip on your 944, you will see a 11 horsepower peak gain at 4500 RPM and other substantial gains within the 4000-6000 RPM range. These gains are accompanied by a substantial increase in low-end torque, and the rev-limiter has been safely raised to 7000 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2000	47	51	4	123	134	11
2500	68	74	6	143	156	13
3000	83	89	6	145	156	11
3500	94	99	5	141	149	8
4000	114	121	7	150	159	9
4500	134	145	11	156	169	13
5000	146	153	7	153	160	7
5500	165	165	9	149	158	9
6000	161	170	7	141	149	8
6500	147	154	7	119	124	6
7000		138			102	



All Dinan Chips are covered by both a lifetime warranty (while owned by the original purchaser only) and a 30-day money back performance satisfaction guarantee. This product is 49-state emissions legal and is in compliance with U.S. EPA Memorandum 1A, or this product has not been found, nor is believed to be, unlawful for use under the provisions of the Clean Air Act.. It is currently not legal for sale or use in California.



### 1989- July 1990 Porsche 944S2

The engineers at Dinan have developed the ideal performance chip for your Porsche. Our expertise guarantees you will obtain substantial performance gains without tradeoffs. A Dinan Chip is the simplest, most cost effective performance upgrade you can get for your Porsche!

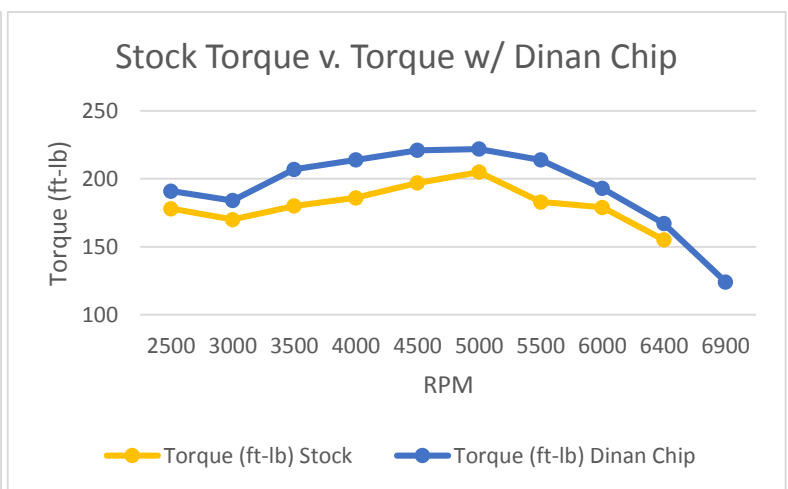
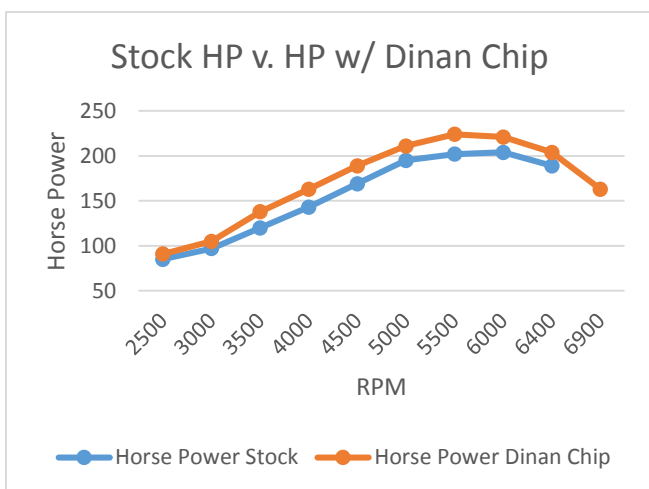
Your car has a Bosch Motronic engine management system, which is controlled by a central digital computer that manages the ignition timing and fuel delivery functions. Information specific to your vehicle’s engine type, year and model is encoded onto an “EPROM” memory chip inside your vehicle’s electronic control unit (ECU) “brain”. On this chip, the ignition timing and fuel delivery information are contained within data sets called “maps”, these maps control the engine’s idling, part-throttle and wide-open throttle operation. Appropriate fuel metering and ignition advance values are selected from these maps according to the engine loading, RPM, and the setting of the throttle-position switch (located on the throttle body).

By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install a Dinan Chip on your 944S2, you will see a 22 horsepower peak gain (11%) at 5550 RPM with an average gain of 18 HP over the 3500-6000 RPM range. These gains are accompanied by a substantial increase in low-end torque, and the rev-limiter has been safely raised to 6900 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2500	85	91	6	178	191	13
3000	97	105	8	170	184	14
3500	120	138	18	180	207	27
4000	143	163	20	186	214	28
4500	169	189	20	197	221	24
5000	195	211	16	205	222	17
5500	202	224	22	183	214	21
6000	204	221	17	179	193	16
6400	189	204	15	155	167	12
6900		163			124	



All Dinan Chips are covered by both a lifetime warranty (while owned by the original purchaser only) and a 30-day money back performance satisfaction guarantee. This product is 50-state emissions legal. It has been granted an exemption by the California Air Resources Board (CARB E.O. D-176-xx), and is in compliance with U.S. EPA Memorandum 1A.



## 1985-1987 Porsche 944 Turbo

The engineers at Dinan have developed the ideal performance chip for your Porsche. Our expertise guarantees you will obtain substantial performance gains without tradeoffs. A Dinan Chip is the simplest, most cost effective performance upgrade you can get for your Porsche!

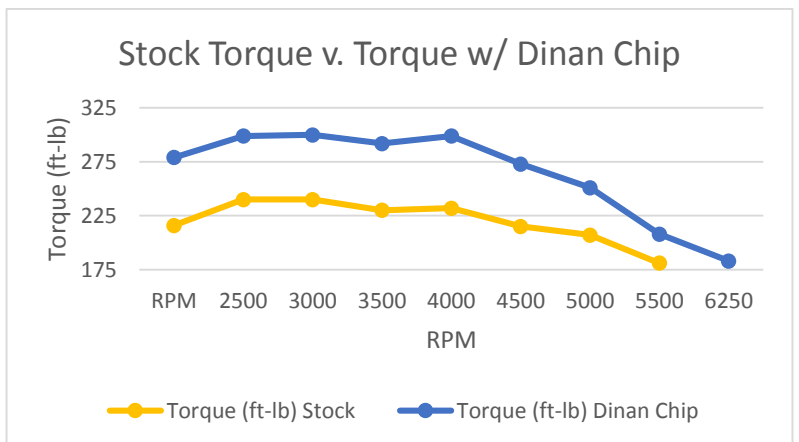
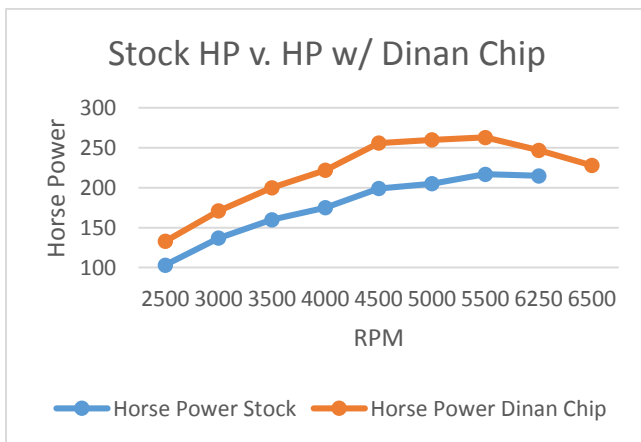
Your car has a Bosch Motronic engine management system, which is controlled by a central digital computer that manages the ignition timing and fuel delivery functions. Information specific to your vehicle’s engine type, year and model is encoded onto an “EPROM” memory chip inside your vehicle’s electronic control unit (ECU) “brain”. On this chip, the ignition timing and fuel delivery information are contained within data sets called “maps”, these maps control the engine’s idling, part-throttle and wide-open throttle operation. Appropriate fuel metering and ignition advance values are selected from these maps according to the engine loading, RPM, and the setting of the throttle-position switch (located on the throttle body).

By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install the two Dinan Chips and related boost hardware on your 944 Turbo, you will see a 57 horsepower peak gain at 4500 RPM, with an average gain of 42 HP within the power band. These gains are accompanied by a substantial increase in low-end torque. Boost pressure has been safely increased to 3.5 psi; the rev-limit has been safely raised to 6750 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2500	103	133	30	216	279	63
3000	137	171	34	240	299	59
3500	160	200	40	240	300	60
4000	175	222	47	230	292	62
4500	199	256	57	232	299	67
5000	205	260	55	215	273	58
5500	217	263	46	207	251	44
6250	215	247	32	181	208	27
6500		228			183	



All Dinan Chips are covered by both a lifetime warranty (while owned by the original purchaser only) and a 30-day money back performance satisfaction guarantee. This product is 50-state emissions legal. It has been granted an exemption by the California Air Resources Board (CARB E.O. D-176-xx), and is in compliance with U.S. EPA Memorandum 1A.



## 1988 Porsche 944 Turbo, non-S model

The engineers at Dinan have developed the ideal performance chip for your Porsche. Our expertise guarantees you will obtain substantial performance gains without tradeoffs. A Dinan Chip is the simplest, most cost effective performance upgrade you can get for your Porsche!

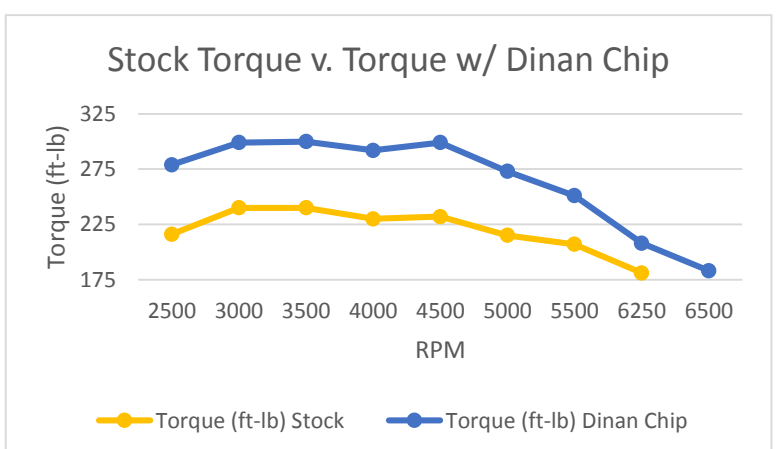
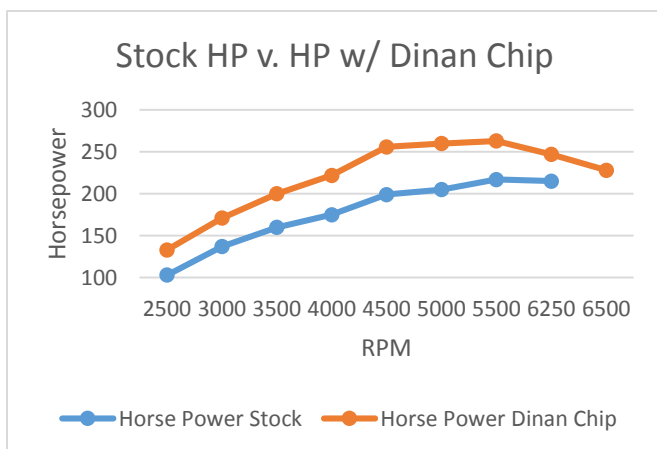
Your car has a Bosch Motronic engine management system, which is controlled by a central digital computer that manages the ignition timing and fuel delivery functions. Information specific to your vehicle’s engine type, year and model is encoded onto an “EPROM” memory chip inside your vehicle’s electronic control unit (ECU) “brain”. On this chip, the ignition timing and fuel delivery information are contained within data sets called “maps”, these maps control the engine’s idling, part-throttle and wide-open throttle operation. Appropriate fuel metering and ignition advance values are selected from these maps according to the engine loading, RPM, and the setting of the throttle-position switch (located on the throttle body).

By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install the two Dinan Chips and related boost hardware on your 944 Turbo, you will see a 57 horsepower peak gain at 4500 RPM, with an average gain of 42 HP within the power band. These gains are accompanied by a substantial increase in low-end torque. Boost pressure has been safely increased to 3.5 psi; the rev-limit has been safely raised to 6750 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2500	103	133	30	216	279	63
3000	137	171	34	240	299	59
3500	160	200	40	240	300	60
4000	175	222	47	230	292	62
4500	199	256	57	232	299	67
5000	205	260	55	215	273	58
5500	217	263	46	207	251	44
6250	215	247	32	181	208	27
6500		228			183	



All Dinan Chips are covered by both a lifetime warranty (while owned by the original purchaser only) and a 30-day money back performance satisfaction guarantee. This product is 50-state emissions legal. It has been granted an exemption by the California Air Resources Board (CARB E.O. D-176-xx), and is in compliance with U.S. EPA Memorandum 1A.



## 1988 Porsche 944 Turbo S and 1989 Porsche 944 Turbo

The engineers at Dinan have developed the ideal performance chip for your Porsche. Our expertise guarantees you will obtain substantial performance gains without tradeoffs. A Dinan Chip is the simplest, most cost effective performance upgrade you can get for your Porsche!

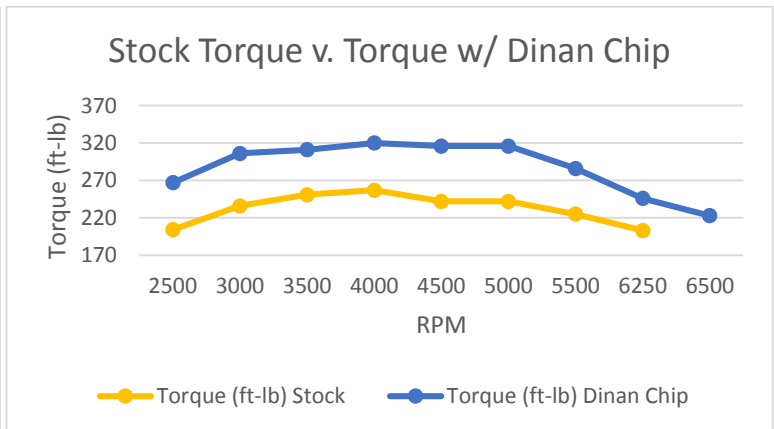
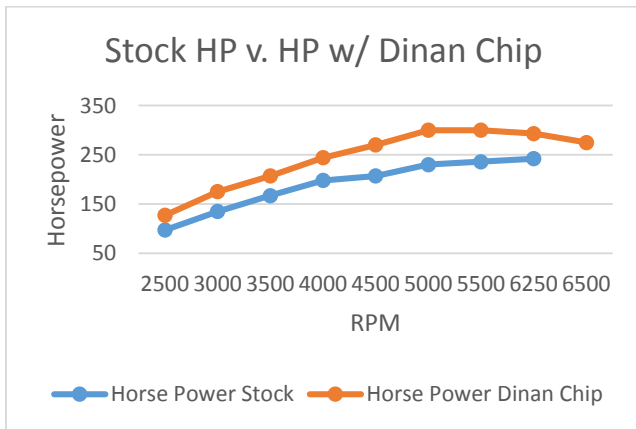
Your car has a Bosch Motronic engine management system, which is controlled by a central digital computer that manages the ignition timing and fuel delivery functions. Information specific to your vehicle’s engine type, year and model is encoded onto an “EPROM” memory chip inside your vehicle’s electronic control unit (ECU) “brain”. On this chip, the ignition timing and fuel delivery information are contained within data sets called “maps”, these maps control the engine’s idling, part-throttle and wide-open throttle operation. Appropriate fuel metering and ignition advance values are selected from these maps according to the engine loading, RPM, and the setting of the throttle-position switch (located on the throttle body).

By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install the two Dinan Chips and auxiliary hardware on your 944 Turbo, you will see a 70 horsepower peak gain (30%) at 5000 RPM, with an average gain of 51 HP within the power band. These gains are accompanied by a substantial increase in low-end torque and a significant reduction in turbo lag. Boost pressure has been safely increased to 2 bar; the rev-limit has been safely raised to 6750 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2500	97	127	30	204	267	63
3000	135	175	40	236	306	70
3500	167	207	40	251	311	60
4000	198	244	46	257	320	63
4500	207	270	63	242	316	74
5000	230	300	70	242	316	74
5500	236	300	64	225	286	61
6250	242	293	51	203	246	43
6500		275			223	



All Dinan Chips are covered by both a lifetime warranty (while owned by the original purchaser only) and a 30-day money back performance satisfaction guarantee. This product is 50-state emissions legal. It has been granted an exemption by the California Air Resources Board (CARB E.O. D-176-xx), and is in compliance with U.S. EPA Memorandum 1A.





## 968 Porsche 1992-1995

The engineers at Dinan have developed the ideal performance chip for your Porsche. Our expertise guarantees you will obtain substantial performance gains without tradeoffs. A Dinan Chip is the simplest, most cost effective performance upgrade you can get for your Porsche!

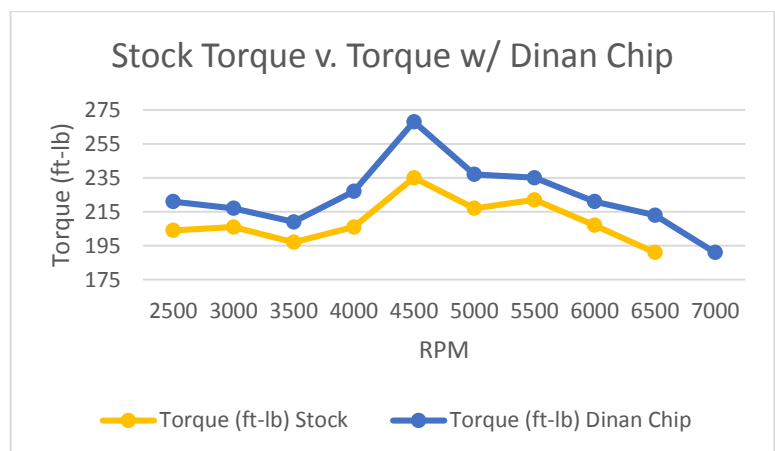
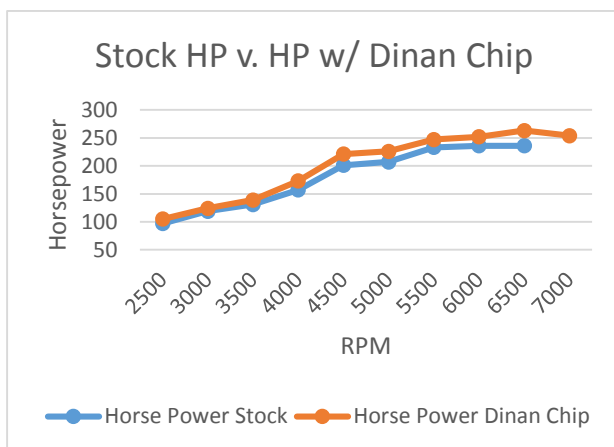
Your car has a Bosch Motronic engine management system, which is controlled by a central digital computer that manages the ignition timing and fuel delivery functions. Information specific to your vehicle’s engine type, year and model is encoded onto an “EPROM” memory chip inside your vehicle’s electronic control unit (ECU) “brain”. On this chip, the ignition timing and fuel delivery information are contained within data sets called “maps”, these maps control the engine’s idling, part-throttle and wide-open throttle operation. Appropriate fuel metering and ignition advance values are selected from these maps according to the engine loading, RPM, and the setting of the throttle-position switch (located on the throttle body).

By optimizing ignition advance and fuel delivery, a Dinan Chip lets your engine safely deliver maximum power. Dinan Chips are finely tuned for optimum fuel economy and minimum emissions at light loads; chip tuning at higher loads progressively emphasizes power and torque gains. At wide-open throttle, our chips are dynamometer-tuned for maximum power. You will get all the power you need whenever you want it- without emissions or fuel economy compromises!

After you install a Dinan Chip on your 968, you will see a 28 horsepower peak gain at 6500 RPM, and 20 HP gain at 4500 RPM, and an average gain of 19 HP within the power band. These gains are accompanied by a substantial increase in low-end torque, and the rev-limit has been safely increased by 500 RPM.

All tune-up settings remain as stock; your car will easily pass a tailpipe emissions test. Although you must use 91 (or greater) octane unleaded “supreme” fuel, there are no adverse side effects under normal driving conditions. Nobody will know about your Dinan Chip unless they go looking for it- but you will feel the difference. Now isn’t it time for some engineering savvy under your hood today?

RPM	Horse Power			Torque (ft-lb)		
	Stock	Dinan Chip	HP Gain	Stock	Dinan Chip	Torque Gain
2500	97	105	8	204	221	17
3000	119	124	5	206	217	9
3500	131	139	8	197	209	12
4000	157	173	16	206	227	21
4500	201	221	20	235	268	23
5000	207	226	19	217	237	20
5500	233	247	14	222	235	13
6000	236	252	16	207	221	14
6500	236	263	27	191	213	22
7000		254			191	



All Dinan Chips are covered by both a lifetime warranty (while owned by the original purchaser only) and a 30-day money back performance satisfaction guarantee. This product is 50-state emissions legal. It has been granted an exemption by the California Air Resources Board (CARB E.O. D-176-xx), and is in compliance with U.S. EPA Memorandum 1A.