



MM HiFlo ST Engines

4 Cylinder Engines - M10

2002, 320i, 318i ≥'85 - 4 Cyl SOHC Engines	
2200 Rally Engine	160 HP..... 7995 1000
2100 FI Engine	12 lbs 275 HP..... 8995 1000
2000-2200 Race Engines...210 -240 HP...	11,995-12,995 1000
ITB & Other Race Engines.....	Call 573-765-1269
Add Alternator Bracket: 2002 tii, 320i ('80-'83) & 318i ...	200

6 Cylinder Engines - M30

5, 6, & 7 Series ≥'93 - 6 Cyl SOHC Engines	
3.0cs, Bavaria - 4 Cyl SOHC Engines	
3700 Rally Engine	285 HP..... 8995 1000
3600 FI Engine	12 lbs 450 HP..... 9995 1000
3700 Race Engines	350hp..... 14,995
Additional charge for not having a 3.5 L Block..... 500	

"Baby Six" Engines - M20

325i/e, 528, 525i ≥'91 - 6 Cyl SOHC Engines	
2900 Sport Engine	205 HP..... 8495 1000
3000 Sport/Rally	225 HP..... 8995 1000
3200 Sport/Rally	230 HP..... 9495 1000
Spec & Other Race Engines.....	Call 573-765-1269
Option: MM custom oil pan with crank scrapper for track use	750
Forced Induction Engines	
2900 FI Engine	250-325 HP..... 9995 1000
3100 FI Engine	325-450 HP..... 10,995 1000
For ix's, Customer's Core & additional charge	200

524TD & Vixen M21 TD	
2800 TD Engine.....	10,995 1500

*We allow for only 2 cracks in the head. If we find any additional cracks we will use a NEW head for an additional charge of 1500

M3 Engines - S14

M3 '88-'91 - 4 Cyl DOHC Engines	
2400 Sport Engine	210 HP..... 10,995 Core*
2400 Rally Engine	255 HP..... 11,995 Core*
2500 Race Engine	285 HP..... 13,995 Core*
2500 FI Engine	300-400 HP..... 12,495 Core*

M5 & M6 Engines - S38/S88

M5 & M6 '85-'93 - 6 Cyl DOHC Engines	
3700 Sport Engine	310 HP..... 12,995 Core*
3700 Rally Engine	350 HP..... 14,995 Core*
3600 FI Engine	12 lbs 550 HP..... 15,995 Core*

*Customer's Own Core Needed
FI = Forced Induction
ST = our Patented Surface Turbulence Treatment

M42 & M44 Engines

M42: (E30 318is '90-91), (E36 '92-95), (Z3 '95)	
M44: (E36 318ti '96-98), (E36 318i '96-98)	
(Z3 '96-99) - 4 Cyl DOHC Engines	
2000 Sport/Rally 83.5mm Stroke..	170 HP..... 8495 1200
2100 Rally M42/M44.....	205 HP..... 9995 1200
2100 Race Engine M42	240 HP..... 12,995 1200
Note: With light weight mechanical shim under lifter buckets	
Forced Induction Engines	
2000 FI M42/M44	200-250 HP..... 10,995 1200

M50, M50tu, S50, M52 & S52 Engines

M50 Non-Vanos: (325i/525i '91-92),	
M50tu: (325i/525i '93-95), S50: (M3 '95)	
M52: (328i/528i '96-'97), S52: (M3 '96-99)- 6 Cyl DOHC	
3200 Sport OBD I or II.....	275 HP.... 10,495 2000-3500
3200 Rally OBD I or II ...	280-305 HP.... 12,995 2000-3500
3300 Rally OBD I or II ...	295-315 HP.... 14,995 2000-3500
3200 Race Engine S52.....	360 HP..... 15,995 2000-3500
Note: With light weight mechanical shim under lifter buckets	
Spec, ITS & Other Race Engines...Call 573-765-1269	
Forced Induction Engines	
3200 FI OBD I or II	375 - 500 HP.... 13,995 2000-3500
Upcharge (except for S52) NO 89.6mm Crankshaft..... 200	

M54 Engines

325i/xi/ic, Z3, X5, X3 '99-05	
3000 Sport OBD II	240 HP.... 10,495 2000-3500
3000 Rally OBD II.....	275HP.... 12,995 2000-3500

S54 Engines

M3 '00-06 E46	
3200 Sport.....	340HP.... 13,995 Core*
3200 Rally	360HP.... 15,995 Core*

S62 Engines

M5 '98-03 E39	
5000 Sport.....	425HP.... 21,995 Core*
5000 Rally	475HP.... 24,995 Core*



MM HiFlo ST Engine Kits

4 Cylinder Engine Kits - M10

2002, 320i, 318i ≥'85

2200 Rally Engine Kit - 155 HP

	Core Deposit	
Head, HiFlo ST Sport	300	2295
Head Gasket, 94mm Big Bore		140
Pistons, 92mm Rally, Hard Anodized 9.75:0 CR.....		1100
Rings, 92mm Moly		160
Rods: "H" Beam 143mm, 4 Oiling Grooves		780
Rod Bearing Set, Coated Tri-Metal		180
Main Bearing Set, Coated.....		225

6 Cylinder Engine Kits - M30

3.0cs, Bavaria, 5, 6, & 7 Series ≥'93

3700 Rally Engine Kit - 285 HP

Head, HiFlo ST Sport.....	500	2695
Head Gasket, 95mm Bore		240
Pistons, 95mm Rally, Hard Anodized 10.25:1 CR... 1650		
Rings, 95mm Moly		240
Rods, "H" Beam, 143mm, 4 Oiling Grooves.....		1170
Rod Bearing Set, Coated Tri-Metal		270
Main Bearings, Coated		315
Crankshaft** uses Stock 86mm B34/B35 Crank		

Baby 6 Engine Kits - M20

325i/e, 528e, 525i ≥'91

2900 Sport/Rally "I" Engine Kit - 205 HP

	Core Deposit	
Head, HiFlo ST Sport.....	500	2695
Head Gasket, Improved Water Flow ...		140
Head Bolt Set, 8mm Allen Head Socket.....		140
Pistons, 2900 Sport, 86mm, Hard Anodized		
Deep Valve Pockets, 10.0:1 CR.....		1650
Rings, Moly 86mm		240
Rod Bearing Set, Coated Tri-Metal		270
Main Bearing Set Coated, 360° Oiling Groove.....		315
* Requires MM to machine the lock-tang grooves		
on the Main Bearing Caps		175
Crankshaft, 81mm Stroke ETA Crank		Call

3000 2926cc Sport/Rally Engine Kit - 225 HP

Head, HiFlo ST Sport.....	500	2695
Head Gasket, Improved Water Flow		140
Head Bolt Set, 8mm Allen Head Socket		140
Pistons, 3200 Sport, 86mm,		
Hard Anodized 10.0:1 CR		1650
Rings, Moly 86mm		240
Rods, "H" Beam 135mm long		1290
Rod Bearing Set, Coated Tri-Metal		270
Main Bearing Set Coated, 360° Oiling Groove.....		315
* Requires MM to machine the lock-tang grooves		
on the Main Bearing Caps		175
Crankshaft* 84mm Stroke		Call
*Crank Seal Spacer, Bolt & Washer,		
required for Crankshaft		200
* Idler Shaft machined for Crank clearance	50	100
Some block clearancing required for the crankshaft.		
Call for directions.		

325i/e, 528, 525i ≥'91

3200 Sport/Rally Engine Kit - 230 HP

Head, HiFlo ST Sport.....	500	2695
Head Gasket, Improved Water Flow		140
Head Bolt Set, 8mm Allen Head Socket		140
Pistons, 3200 Sport, 86mm		
Hard Anodized 10.0:1 CR		1650
Rings, Moly 86mm		240
Rods, "H" Beam, 135mm, 4 Oiling Grooves		1170
Rod Bolt Set,		75
Rod Bearing Set, Coated Tri-Metal		270
Option: Rod Bearing Set, STD.....		150
Main Bearing Set Coated, 360° Oiling Groove.....		315
* Requires MM to machine the lock-tang grooves		
on the Main Bearing Caps		175
Top End Gasket Set		100
Bottom End Gasket		150
Crankshaft**, 89.6mm Stroke		Call
*Crank Seal Spacer, Bolt & Washer,		
required for Crankshaft		200
* Idler Shaft machined for Crank clearance	50	100
Some block clearancing required for the crankshaft.		
Call for directions.		



M3 Engine Kit - S14

M3 '88-'91

2400 Rally Engine - 255 HP

Head* HiFlo Rally, 31mm Intake Ports	2495	500
Rally Camshaft	750	300
Cam Box Clearanced for Race Cam	150	
Adjusting Shim Pads	600	
Head Gasket	140	
Pistons, 95mm, Hard Anodized 11.5:1 CR.....	1100	
Rings, Moly 95mm	160	
Rods, "H" Beam, 144mm, 4 Oiling Grooves	780	
Rod Bearing, Coated Tri-Metal	180	
Main Bearing Set, Coated.....	225	
Cornering Baffle	50	
Ported Intake Manifolds.....	600	
EVO Intake Gaskets	220	
Top End Gasket Set	100	
Bottom End Gasket	150	
Motorsport Front and Rear Crank Seal....	80	

* NOTE: For 2400 Sport eliminate Rally cam

2500 Race Engine - 285 HP

Head* 31mm Intake Ports.....	2495	500
Race Camshafts, Pair	1500	600
Cam Box Clearanced for Race Cam	150	
Shim-Under 37.5 mm Lifter Bucket System	1000	
Plus Lash Caps 7mm, set of 16.....	96	
Adjusting Shim Pads	900	
Head Gasket	140	
Pistons, 95mm, Hard Anodized 13.5:1 CR.....	1000	
Rings, Moly 95mm	160	
Rods, "H" Beam, 143mm, 4 Oiling Grooves	780	
Rod Bearing Set, Coated Tri-Metal	180	
Main Bearing Set, Coated.....	225	
Crankshaft, 87mm Stroke	CALL	
Cornering Baffle	50	
EVO Intake Gaskets	220	
Motorsport Front and Rear Crank Seal....	80	
Ported Intake Manifolds.....	750	
Optional: Race Oil Pan with Swing Gate & Baffle.....	450	

* NOTE: The S14 has a two piece head. We refer to the Top Section as the "Cam Box" and the Bottom Section as the "Head". During installation, the Head must be bolted to the block first before the Cam Box can be attached.

M5/6 Engine Kits - S38/S88

M5 & M6 '85-'93

3700 Rally Engine - 350 HP

Head, Rally, 31mm Intake Ports.....	2995	Core Deposit
Head Gasket	195	Core
Rally Cam.....	1000	500
Clearance Cam Box for Rally Cam	200	
Adjust Shim Pads	750	
Ported Intake Manifolds	750	
Pistons, 95mm, Hard Anodized 12.5 CR.....	1650	
Rings, Moly 95mm	240	
Rods, "H" Beam 143mm, 4 Oiling Grooves.....	1170	
Rod Bearing Set, Coated Tri-Metal.....	270	
Main Bearing Set, Coated	315	
Motorsport Front and Rear Crank Seal	80	

Core: No Deposit required as BMW Owner
Supplies their own Core for rebuilding

The M3, M5 and M6 Engine Kits also need:

With Purchase of complete Kit, we will rebuild your Oil Pump core for \$750 (need \$300 if you do not have a core to send us)

1. Timing Chain, Dual Row
3. Guide Rail
4. Lower Tensioner Rail
5. Upper Tensioner Rail
6. Top Guide Rail
2. Oil Pump Chain



M50/M50tu/M52/S50/S52

3 & 5 Series '92 >

3200 Sport - 275 HP

Head, Sport/Rally Surface Turbulence/6% Flow Inc	2795	1000
Cams, uses Stock M3, call if you need help sourcing them		
Optional: Cams, Int 262° & Exh 250°	1300	600
Head Gasket, <i>improved water flow</i>	140	
Pistons, Rally 87mm Forged Alusil Hard Anodized 12.0:1.....	1500	
Rings, 87mm Moly Rings	240	
Rods, <i>use your stock rods</i>		
Rod Bolt Set	75	
Rod Bearing Set, Coated Tri-Metal	270	
Optional: Rod Bearing Set, STD.....	150	
Main Bearing Set, 360° Thrust & Oiling Groove	315	
Machine Lock Tangs in Main Bearing Caps for above set		
<i>You send us your Main Bearing Caps</i>	175	
Motorsport Front and Rear Crank Seal.....	80	
Crankshaft 89.6mm Stroke	1250	

3200 Rally - 280 to 305 HP

Head, Rally Surface Turbulence/6% Flow Increase.....	2795	1000
Cam Pair, Int 262° & Exh 250°	1600	600
Head Gasket, <i>improved water flow</i>	140	
Pistons, Rally 87mm Forged Alusil, Hard Anodized 12.0:1.....	1500	
Rings, 87mm Moly Rings	240	
Rods, Rally 138mm "H" Beam 525 grams	1290	
Rod Bearing Set, Coated Tri-Metal.....	270	
Main Bearing Set, 360° Thrust & Oiling Groove	250	
Machine Lock Tangs in Main Bearing Caps for above set		
<i>You send us your Main Bearing Caps</i>	175	
Motorsport Front and Rear Crank Seal.....	80	
Crankshaft 89.6mm Stroke	1250	

3300 Rally - 295 to 315 HP

Head, Rally Surface Turbulence/6% Flow Increase.....	2795	1000
Cam Pair, Int 262° & Exh 250°	1300	600
Head Gasket, <i>improved water flow</i>	140	
Pistons, Rally 87mm Forged Alusil, Hard Anodized 12.0:1.....	1500	
Rings, 87mm Moly Rings	240	
Rods, Rally 139mm "H" Beam 495 grams	1290	
Rod Bearing Set, Coated Tri-Metal.....	270	
Main Bearing Set, 360° Thrust & Oiling Groove	250	
Machine Lock Tangs in Main Bearing Caps for above set		
<i>You send us your Main Bearing Caps</i>	175	
Motorsport Front and Rear Crank Seal.....	80	
Crankshaft,		
93mm Stroke with custom Timing Chain Sprocket.....	2700	

*Core: No Deposit required as BMW Owner
Supplies their own Core for rebuilding*

M42 Engine Kits

M42: E30 318is '90-91, E36 '92-95, Z3 '95

2000 Sport/Rally M42/M44 - 170 HP

Head, Sport Surface Turbulence/6% Flow Increase	1795	600
Head Upgrade, from 7mm to 6mm Valvetrain	350	
Sport Intake Camshaft 258°, 11.15mm Lift	600	250
Head Gasket	140	
Head Bolt Set	45	
Pistons, Sport 87mm Forged Alusil, Hard Anodized 11.0:1 .	1000	
Rings, 87mm Moly Rings.....	160	
Rod Bearing Set, Coated Tri-Metal.....	180	
Optional: Rod Bearing Set, STD	100	
Main Bearing Set, 360° Thrust & Oiling Groove	120	
Machine Lock Tangs in Main Bearing Caps for above set		
<i>You send us your Main Bearing Caps</i>	125	
Double Row Timing Chain	100	
Optional: Single Row Timing Chain Conversion		
using cam sprockets provided by customer	250	
Top End Gasket Set	100	
Bottom End Gasket	150	
Motorsport Front and Rear Crank Seal.....	80	
Crankshaft, Stock M44 83.5mm	Call	

M50/M50tu/M52/S50/S52 & M42 Heads Include

6% Flow Increase, Surface Turbulence Valves, Manganese Valve Guides, Vitan Valve Guide Seals, Dual Valve Springs, Lightweight Retainers & Valve Spring Perches Shims. Head is glass beaded, cleaned and surfaced before assembly.



M44 Engine Kits

M44: E36 318ti '96-98, E36 318i '96-98, Z3 '96-98

2000 Sport M44 - 170 HP

Head, Sport Surface Turbulence/6% Flow Increase	1995	600
Sport Intake Camshaft 258°, 11.15mm Lift	600	250
Head Gasket	140	
Head Bolt Set	60	
Pistons, 87mm Forged Alusil Hard Anodized 11.0:1	1000	
Rings, 87mm Moly Rings.....	160	
Rod Bearing Set, Coated Tri-Metal.....	180	
Optional: Rod Bearing Set, STD	100	
Main Bearing Set, 360° Thrust & Oiling Groove	120	
Machine Lock Tangs in Main Bearing Caps for above set		
<i>You send us your Main Bearing Caps</i>	125	
Double Row Timing Chain	100	
Optional: Single Row Timing Chain Conversion		
using cam sprockets provided by customer	250	
Top End Gasket Set	100	
Bottom End Gasket.....	150	
Motorsport Front and Rear Crank Seal	80	
Crankshaft, Stock M44 83.5mm	Call	

2100 Rally M44 - 190 HP

Head, Rally Surface Turbulence/6 % Flow Increase	1995	600
Cam Pair, Intake 272° & Exhaust 258°	1200	500
Head Gasket	140	
Head Bolt Set	60	
Pistons, Rally 87mm Forged Alusil		
Hard Anodized 11.5:1.....	1000	
Rings, 87mm Moly Rings	160	
Rods, Rally 138mm "H" Beam 525 grams.....	780	
Rod Bearing Set, Coated Tri-Metal.....	180	
Main Bearing Set, 360° Thrust & Oiling Groove	120	
Machine Lock Tangs in Main Bearing Caps for above set		
<i>You send us your Main Bearing Caps</i>	125	
Double Row Timing Chain	100	
Optional: Single Row Timing Chain Conversion		
using cam sprockets provided by customer	250	
Top End Gasket Set	100	
Bottom End Gasket.....	150	
Motorsport Front and Rear Crank Seal	80	
Crankshaft, 88mm Stroke, modified	CALL	

M44 Heads Include 6% Flow Increase, Surface Turbulence Valves, Manganes Valve Guides, Vitan Valve Guide Seals, Dual Valve Springs, Lightweight Retainers & Valve Spring Perches Shims. Head is glass beaded, cleaned and surfaced before assembly.



MM HiFlo ST Heads

4 Cylinder - M10

2002, 320i, 318i ≥'85

		Core Deposit
Sport Head.....	2295	300
Race Head.....	2795 - 2995	300
Stock Head.....	1795	300

6 Cylinder - M30

3.0cs, Bavaria, 5, 6, & 7 Series ≥'93

Sport Head.....	2695	500
Stock Head.....	2195	500

Baby Six - M20

325i/e, 528e, 525i ≥'91

Sport Head.....	2495	500
Rally Head.....	2695	500
Stock Head.....	1995	500

M3 - S14

M3 '88-'91

Sport Head (29.5mm Ports).....	2295	Core*
Options: Adjusting Shim Pads.....	400	
Rally Head (31mm Ports).....	2495	Core*
Options:		
Rally Camshaft.....	750	
Clearance Cam Box for Rally Cam.....	150	
Adjusting Shim Pads.....	400	
EVO Intake Gaskets.....	220	
Ported Intake Manifolds.....	600	
Race Head (31mm Ports).....	2495	Core*
Options:		
Race Camshafts (2).....	1500	
Clearance Cam Box for Race Cam.....	150	
Adjusting Shim Pads.....	400	
EVO Intake Gaskets.....	220	
Ported Intake Manifolds/Throttle Body.....	850	
Stock Head.....	1995	Core*
Options: Adjusting Shim Pads.....	400	

Core*

No Deposit required as BMW Owner Supplies their own Core for rebuilding

M5 & M6 - S38 / S88

M5 & M6 '85-'93

		Core Deposit
Sport Head, 29.5mm Ports.....	2995	Core*
Options: Adjusting Shim Pads.....	500	
Rally Head, 31mm Ports.....	3295	Core*
Options:		
Rally Camshaft.....	1000	500
Clearance Cam Box for Rally Cam.....	200	
Adjusting Shim Pads.....	500	
Ported Intake Manifolds.....	900	
Stock Head.....	2295	Core*
Options: Adjusting Shim Pads.....	500	

M42 & M44 Engines

M42: (E30 '90-'91), (E36 '92-'95), (Z3 '95)

M44: (E36/5 318ti '96-'98), (E36 318i '96-'98), (Z3 '96-'98)

Sport or Rally Head, M42.....	1795	750
Head Upgrade, from 7mm to 6mm Valvetrain.....	350	
Sport or Rally Head, M44.....	1995	750
Includes 6% Flow Increase, Surface Turbulence Valves, Manganese Valve Guides, MM "Bee Hive" Valve Springs & Lightweight Retainers		

M50/M50tu/S50/S52/M52/M52tu/M54

M50 Non-Vanos: 325i, 525i '91-'92

M50tu: 325i, 525i '93-'95

M52: 328i, 528i '96-'97

M52tu: 232i, 328i, 528i, Z3 2.3 & 2.8 '99 -'2000

M54: 325i, 230i '01-'06

S50: M3 '95

S52: M3 '96-'99

Sport or Rally Head.....	2795	1000
Includes 6% Flow Increase, Surface Turbulence Valves, Manganese Valve Guides, MM "Bee HIve" Valve Springs & Lightweight Retainers		
Stock Head.....	2195	
Stock Head: cleaned, glass beaded, 3 angle valve job, reconditioned valves, manganese bronze valve guides, "Bee Hive" valve springs, & retainers		



Cams & Head Parts

Camshafts

		Core Deposit
4 Cylinder M10 Sport/Rally Camshaft		
290° Duration/10.75mm Lift.....	600	150
6 Cylinder M30 Sport/Rally Camshaft		
290° Duration/10.75mm Lift.....	750	150
Baby Six M20 Sport Camshaft		
286° Intake Lobe Duration/11.75mm Lift.....	750	150
260° Exhaust Lobe Duration/11.2mm Lift		
Baby Six M20 Rally Camshaft		
286° Intake Lobe Duration/11.75mm Lift.....	850	150
272° Exhaust Lobe Duration/11.75mm Lift		
M3 - S14 Rally Intake Camshaft		
276° Duration/11.3mm Lift.....	750	300
M3 - S14 Race Camshafts		
290° Intake Duration/11.7mm Lift.....	750	300
276° Exhaust Duration/11.3mm Lift.....	750	300
M5/M6 - S38/S88 Rally Intake Camshaft		
276° Duration/11.3mm Lift.....	1000	500
M50, M50tu, M52, S50, S52 Sport Camshaft		
262° Intake Duration/11.15mm Lift.....	800	500
M50, M50tu, M52, S50, S52 Rally Camshafts		
272° Intake Duration/11.4mm Lift.....	800	500
258° Exhaust Duration/10.9mm Lift.....	800	500
M42 - M44 Sport Intake Camshaft		
258° Intake Duration/11.15mm Lift.....	600	250
M42 - M44 Rally Camshaft		
272° Intake Duration/11.4mm Lift.....	600	250
258° Exhaust Duration/11.15mm Lift.....	600	250
M42 - M44 Turbo Camshaft		
258° Intake Duration/11.15mm Lift.....	600	250
258° Exhaust Duration/11.15mm Lift.....	600	250

Head & Valve Train Parts

MM Outer Valve Springs.....	20	Each
<i>Use with stock inner spring on S14, S38, M20 & late M30</i>		
MM Rally Valve Spring Set SOHC	45	Each
<i>for M10 & early M30 Sport/Rally Heads</i>		
<i>also M20 IF you no longer have Inner Spring, Retainer & Perch</i>		
<i>Includes Inner and Outer Spring, Retainer, Perch & Shim</i>		
MM Rally Valve Spring Set DOHC	45	Each
<i>for M42, M44, M50, M50tu, M52, S50, S52 Sport/Rally Heads</i>		
<i>Includes Inner and Outer Spring, Retainer, Perch & Shim</i>		

Head & Valve Train Parts - Continued

NEW Valve Compression Tool for M42, M50, S52-M54		1 ^{LB} 2 ^{OZ}
Valve Compression Tool <i>Sold with Valve Spring Purchase</i>	30	
Valve Compression Tool - <i>Sold Alone</i>	50	1 ^{LB} 2 ^{OZ}
Valve Guides, Manganese Bronze each	15	
Rocker Arms: M10, M20, M30 Inspected	40	
Dual Chamber Sprayer Bar M30 Engine	125	
Distributor Cam Conversion Nut M30	125	
Adjustable Cam Sprocket M10	175	
Adjustable Cam Sprocket M30	200	
Single Row Timing Chain Conversion, M10	200	
Single Row Timing Chain Conversion, S14		
Using Cam Sprockets provided by customer	250	
Single Row Timing Chain Conversion, S14		
Using NEW Cam Sprockets at \$225 each	700	
Single Row Timing Chain Conversion, M42/M44		
Using Cam Sprockets provided by customer	250	
Single Row Timing Chain Conversion, M42/M44		
Using NEW Cam Sprockets at \$50 each	350	

Head Gaskets & Head Bolts

M10 Engines	
Head Gasket, 94mm Big Bore.....	140
S14 Engines	
Head Gasket, 94.5mm.....	140
M30, S38, Engines	
Head Gasket, 94.5mm & 95.5mm.....	195
Baby Six, M20 Engines	
Head Gasket, Improved Water Flow.....	140
Head Bolts, Set of 14 Socket, 10mm x 150mm long	140
M50, M52, S50, S52,	
Head Gasket, Improved Water Flow.....	140

Block Parts

Sport/Rally Forged Alusil w/ moly coated skirts		
Hard Anodized - 10.25 - 11.0:1	275	Each
Moly Rings.....	40	Each
Rally Rods "H" Beam.....	195	Each
Rod Bearing, Coated Tri-Metal.....	45	Each
Main Bearing, Coated & 360° Oil Groove	45	Each
<i>Required on the 360° Main Bearings: Labor for machining</i>		
<i>Main Bearing Cap Lock Tang groove.....</i>	25	Per Cap



Ultimate Transmission Rebuilds

4 Cylinder Getrag Transmissions

320i ≥ '80 -'82	Core Deposit
Getrag 245.....	2995 1000
Getrag 245 Sport OD.....	4195 1000
318i ≥ '85, 318is '89-'90,	
Getrag 240.....	2995 600
Getrag 240 Sport OD.....	3995 600
2002, 320i Race ≥ '79	
Getrag 242, Close Ratio 4 Speed	3995 500

6 Cylinder Getrag Transmissions

E28 5-Series, E24 6-Series, E23 7-Series	
from '80 ≥ '82 + '85, & E30 M3 '88 ≥ '91	
Getrag 265.....	3495 1000
Getrag 265 Sport OD.....	4995 1000
Euro 635csi & M535i '79 ≥ '84	
Getrag Sport 262, 265 Sport CR	3495 2000
E30 325i & 325e - all years	
E28 5-Series '84, '86-'88, E24 6-Series '84, '86 -'89	
Getrag 260.....	2995 600
Getrag 260 Sport OD.....	4295 600
Euro 635csi & M535i '79 ≥ '84	
Z3 1.9 & 2.5, E36 325i & 323i, E46 323i '92 >	
Getrag 250.....	2995 600
M5, M6 '87 ≥ '91 + Euro M5/M6 '85 ≥ '91	
Getrag 280 Please See 265 Conversion	
E46 M3 2001-2007, 540i, M5, Z8, Euro E36 M3	
Getrag 420.....	4595 * Core

6 Cylinder ZF Transmissions

E36: M3, 328i, E46: 328i, 330i, E39: 528i, 530i	
ZF S5-31	3195 800

Ultimate Transmission Conversions

5 Speed Conversions

	Core Deposit
Getrag 245 + Kit for 2002 4 Speed	5495 200
MM Crossmember Mount	450
ZF S5-31 CR + Kit for 325i/e '84 -'91	5495 200
Getrag 265 + Kit Conversion for 280 M5/M6	
Alternative Upgrade for the Stock 280 Getrag.....	5695
3 Bolt Driveshaft Not included in conversion kit...	450 * Core

*Core: No deposit required as BMW owner supplies their own Core for rebuilding.

CR = Close Ratio
OD = Overdrive
MM = Metric Mechanic



Differentials

MM Variable Limited Slips

All BMW Models ≥'98, (includes 2002, E9, E21, E12, E23, E24, E28, E30, E31, E32, E34, E36/M3, E36/5, 318ti, Z3, Z3M Coupe and Z3M Roaster: 1st Gen -168 & 188 Differentials- Z3, M23, M23 Coupe

Variable Limited Slip 2 Disc	1395	300-600
Sport Variable Limited Slip 3 Disc	1595	300-600
Rally Variable Limited Slip 4 Disc	1795	300-600
Standard LS Differentials.....	1295	600
Standard Open, Non Limited Slip	1095	600
E9 Sideloader, Non Limited Slip	1395	600
E9 & E12 Sideloaders, Prices Vary	1995	600 +
2002 LS Conversion Flanges Pair	650	
<i>If you have 320i Limited Slip Flanges to send in, you will be refunded \$200</i>		
Additional Charge for Gear Change Ratio	250/450	
Metric Mechanic Differential Installations.....	400	

E46, E39 (6 cyl. only) '99 and later, 2nd Gen -188 Differentials

Sport Variable Limited Slip 3 Disc	2695	500
Additional Charge for Gear Change Ratio	450+	
Replace Differential Bushings.....	200	
HiTorque Flanges, Pair.....	800	
Metric Mechanic Differential Installations.....	400	

All M5's, 8 Series,

E32 740i & 750i - 1st Gen 210 Differentials

(Excluding E60 & E65)

Sport Variable Limited Slip 2 Disc	1995	500
Additional Charge for Gear Change Ratio	450-750	
Metric Mechanic Differential Installations.....	600	

E39-540i, E38-740i - 2nd Gen - 210 Differentials

Z8, E52 - 2nd Gen - 210/215 Differentials

Quaife		
Conversion/Retrofit	1500	No Deposit
Metric Mechanic Differential Installations.....	600	
<i>Owner must provide their own Quaife Unit & Core</i>		
<i>Please call for gear options & more information.</i>		

E90, 323i, 325i, 328i, 330i, 2004 > 3rd Gen -188 Differentials

Quaife		
Conversion/Retrofit with carrier tapered Roller Bearing for greater load carrying capacity	1800	No Deposit
Metric Mechanic Differential Installations.....	600	
<i>Owner must provide their own Quaife Unit & Core</i>		

E90 & E92 335i 2006 > 3rd Gen 210/215 Differentials

Quaife		
Conversion/Retrofit with carrier tapered Roller Bearing for greater load carrying capacity	1800	No Deposit
Metric Mechanic Differential Installations.....	600	
<i>Owner must provide their own Quaife Unit & Core</i>		

Flywheels & Clutch Assemblies

Lightened Single Mass Flywheels

Core Deposit

Most Models ≥'88,
Including E30 M3 & E34 M5
Using a single stock mass Flywheel 450 200

Models '89 >
With Dual Mass Flywheels, require Conversions shown below

Converting from Dual to Single Mass - Lightened Flywheel & Clutch Combinations

E30 325i/s with a MM 3000 or 3200 Rally Engine
MM 12 lb. Lightened Single Mass Flywheel & 240 mm Clutch Assembly 1100
M30 Flywheel required for core deposit refund..... 200

E30 318is & All 4 Cyl E36 & Z3 Models

MM 11 lb. Lightened Single Mass Flywheel & 228 mm Clutch Assembly 1150
M42 or M44 Flywheel Ring Gear required for core deposit refund *200

E36 325is, '92 - '98

MM 11 lb. Lightened Single Mass Flywheel & 228 mm Clutch Assembly 1150
M50 Flywheel Ring Gear required for core deposit refund *200

E36 M3 328i, E34 535i, '89 - '93

MM 12.5 lb. Lightened Single Mass Flywheel & 240 mm Clutch Assembly 1250
M50, M52, S50, S52 Flywheel Ring Gear required for core deposit refund *200

*Stock Dual Mass Ring Gear required for core - remove and return or just return the entire Flywheel

Clutch Upgrades

Clutch Assembly 215mm.....	300
Clutch Assembly 228mm.....	375
HiTorque Clutch Assembly 228mm.....	425
HD Clutch Assembly 240mm.....	600
HiTorque Clutch Assembly 240mm.....	750

For Additional Racing Products, please call for more information - 1-573-765-1269

Differential Terminology

LS = Limited Slip 1st Gen = Longer Pinion Shaft
VLS = Variable Limited Slip 2nd Gen = Short Pinion Shaft
3rd Gen = Very Short Pinion Shaft



Intake & Exhaust

Intake

Core Deposit

M20 Pulse Chamber Intake Manifold	1200	150	
M42 Pulse Chamber Intake Manifold	1000	150	12 ¹⁸ 0 ⁰²
Ported Intake Manifolds			
3, 5, 6, 7 Series 1984 - 1991.....	750	150	
Ported Intake Manifolds M3 S14 Rally	600	* Core	
Ported Intake Manifolds/Throttle Body			
M3 S14 Race.....	850	* Core	
Ported Intake Manifolds			
M5/M6 S38 Rally.....	900	* Core	
38 DGES Carburetor Kit & Manifold....	850	150	

Exhaust

Exhaust Manifolds Ported			
3, 5, 6, 7 Series 1984 - 1991.....	500	150	
System 300, E28, E24	1495		
System 300, M5, M6	1495		

Core*

No Deposit as BMW Owner Supplies their own Core for rebuilding