

LUBRICANTS-SEALERS-CHEMICALS-BOOKS

LUBRICANTS S13/1

LUBRICANTS-SEALERS S13/2

CHEMICALS- BOOKS-SBC, BBC, Gen 3, LS S13/3

BOOKS-Ford V8, Carburetor, Transmission S13/4

BOOKS-Transmission, Chrysler, Pontiac, MSD, Sundry Items- ..S13/5

ENGINE OILS

Most modern oil is unsuitable for older flat tappet cam engines. When catalytic converters came along, the amount of Zinc, Phosphorous, Molybdenum & other additives was reduced to try & increase the life of the catalyst. Unfortunately, this created thousands of camshaft failures across the World, as no one knew in the aftermarket, what was really happening. Now, that is all behind us, as we have solutions to the problem.

If you have fitted a new flat tappet cam, or an engine with this type of cam fitted, [or indeed a performance hydraulic roller cam] then we recommend the running in oil is used [BY1590], together with the break-in oil additive [BY159]. This exceeds the recommended 2000-2500ppm of Zinc and will protect your cam if you follow correct running in procedures for your camshaft. Keep the oil & additive in for at least 250-500 miles.

BY1590 10W/30 Running in oil **£9.62 US qt**
1 US qts = 946ml. 4 US qts = 1 US Gallon.

BY159 Break-in oil additive **£16.40 354ml**
354ml = .375 US qts.

Once the camshaft/engine is properly run in, we recommend using the Comp-Cams performance oil listed below. To be on the safe side, we recommend using 1/3 of a bottle of the break-in oil additive [BY159] per oil change. This will ensure there is enough Zinc [above 2000ppm] to keep the cam from going "flat". If you decide to use the Valvoline Racing oil, again we recommend using 1/3 bottle of break in oil additive [BY159] with it.

BY1595C 15W/50 Performance oil **£13.91 US qt**
1 US qt = 946ml. 4 US qts = 1 US Gallon.

VR1 Racing oil, a high performance oil for high performance driving. Special driving conditions demand a special motor oil, & Valvoline Racing is certainly special. Formulated for ultimate performance in 4-stroke competition engines used in off-road, rally & racing cars. These race proven lubricants have exclusive chemistry to reduce internal friction, enhance power output, minimise foaming, & resist thermal breakdown. This racing oil is also suitable for every-day city & motorway driving. Contains the ZDDP package needed for flat tappet cams. Meets API SJ.

AZ11940 VR1 Racing oil 1 litre, 20W-50 **£11.70**
AZ11951 VR1 Racing Oil 5 litre, 20W-50 **£56.28**

VALVOLINE 5W-30 Synthetic

Recommended for many later model GM engines, including the LM7 version. [4.8 & 5.3]. Performance - ACEA: A3/B4, API: SL/CF, GM: LL-A-025.

AZ872377 Oil 1 litre, 5W-30 **£9.67**
AZ872378 Oil 4 litre, 5W-30 **£33.79**



TCI MAX SHIFT AUTOMATIC TRANS FLUID

Add shift quality, performance & durability to any Race automatic transmission by simply pouring in TCI Max Shift [ATF] Transmission fluid. Max Shift has been proven to resist viscosity breakdown in even the most demanding race applications. Fully compatible with other brands of mineral ATF. Here are some key features- *Reduces internal friction & heat build up [while promoting clutch lock-up] for increased shift quality & life. Premium fluids developed with ultra-pure base oils resist viscosity breakdown & extend fluid change intervals. Contains exclusive friction eliminating, anti-foaming & extreme heat additives, no other additives or treatments needed. Exceeds Mercon & Dexron performance specifications - check each formula for exact spec.*

BY950640 Street 1 US qt/.946L **£9.80**
BY950610 Race 1 US qt/.946L **£13.42**



APPROXIMATE FLUID CAPACITY [US qts-.946L]

[using standard sump pan only]

TORQUE CONVERTERS:		TRANSMISSIONS:	
13"	5qts	Torqueflite 727/904	5qts
12"	4qts	Ford C4	5.5qt
11"	3.5qts	Ford C6	7qt
10"	3qts	Ford AOD/AODE	6.5qt
9"	2.5qts	GM Powerglide	4qts
8"	2qts	GM TH350	4qts
7"	2qts	GM TH400	6qts
		GM 4L80E	7.7qt
		GM700R4/4L60E	6qts
		GM200R4	6qts

B&M TRICKSHIFT

High performance transmission fluid. Ideal for Racing, Performance Street, RV & HD applications. Provides extended transmission life and firmer shifts. Can be mixed with std type trans fluid, but it is recommended to utilize exclusively. Not for electronic controlled transmissions.

BY80259 1 US qt/.946L **£10.67**



VALVOLINE ATF MINERAL TRANSMISSION FLUID

Valvoline trans' fluid, is based on premium base oils & advanced additive systems, providing the ultimate protection. The ATF lubricants listed below, are designed to meet the needs of specific transmissions, providing superior lubrication & good cold weather performance.

AZ14820 Dexron 3/Mercon 1-litre **£10.10**

Use above fluid for the "Tremec" range of manual gearboxes



MOROSO CLIMBING GEAR LUBE

High performance extreme high pressure gear lube. Uses include manual transmissions & both conventional & posi-traction diffs, that would have used an EP90 gear oil. Contains special clinging agents that provide direct adhesion to all moving parts.

BY34800 1 US qt/.946L **£28.67**



CLEVITE 77 Bearing Guard (assembly lube)

Specially formulated with an extreme pressure rating to provide proper lubrication for internal engine components during assembly and the first crucial moments of operation after engine start up.

BY2800B2 8fl oz//227ml Bottle **£6.70**



Competition Cams Cam Lube

When your engine is built it can sit around for a long time. Oil would gradually run off the cam etc. These products are designed to stick on, to avoid metal to metal contact & excessive wear.

BY103	Sachet- 5/8fl oz // 18g	£4.46
BY104	Tub- 6fl oz	£17.20

**EDELBROCK Filter Care Service kit**

A maintenance sytem, designed to recharge any washable air filter. Completely restores air flow efficiency so your air filter performs like new.

BY43600	Cleaning kit	£19.50
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**Energy Suspension- Silicon Grease**

Formula 5 prelube is a versatile, waterproof, non melting grease containing teflon. It forms a tough, durable, chemical resistant film of lubricant that prevents metal to metal contact even under severe shock loads.

BY9-11108G	Poly bush lube	£1.50
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**Valvoline WD**

1299 WD fluid penetrates, loosens & lubricates. Displaces moisture from any surface.

AZ54334	1299 WD penetrating fluid	£0.90sp
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**ARP FASTENER ASSEMBLY LUBE**

ARP Ultra-Torque fastener assembly lube obtains 95-100% of all ARP recommended installation pre-loads on the first pull, without cycling fasteners before final installation. This product maintains all ARP recommended installation preloads within 5% on all remaining cycles, ensuring consistent & repeatable housing bores and cylinder bore dimensions when using a honing plate during machining, mock-up & assembly. Stabilizes all ARP fastener installation pre-loads within 5% between a group of fasteners such as the deck surface of a cylinder block, the main web of a cylinder block, or across the cap of a conrod. Prevents seizing & galling on all threaded fasteners. Prevents rust & corrosion during the life of the lubricant. 360f melting point. Metal free.

BY100-9908	.5 fl oz pouch	£2.46
BY100-9909	1.69fl oz squeeze tube	£12.50

**SEALERS****PERMATEX-"THE RIGHT STUFF"**

Use for sealing gaskets, or making a gasket. Using the latest elastomeric rubber gasket technology is blowout resistant, & outperforms pre-cut gaskets. As used by GM/Ford, & M.B. Temp range -75f to 450f (-60c to 232c) continuous, 500f (260c) intermittent. Resists ATF, coolant, oil & other garage fluids. Suggested application- Automotive & Marine gaskets, Rocker covers/ Gearbox covers/ Pumps/ Compressors/ Thermostat housings/ Water pumps/ Sumps etc. This stuff is the best!

BY25224	7oz Pressurized tube	£28.09
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**Loctite -572 Thread Sealant [seals & locks]**

Use this product where bolts & studs protrude into a water jacket. For instance. Chevrolet head bolts/studs. Cylinder head screw in studs.

BY572	50ml bottle	£33.10
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**MSD Spark Guard Sealer**

Stops voltage leaks, eases boot removal and prevents moisture build up.

BY8804		£11.42sp
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**Moroso Ceramic Engine Seal**

The best chemical sealer you can buy. Seals & coats cooling system. Seals minor cracks in heads & blocks. Works equally well in aluminium or steel blocks and heads. **Does not work with antifreeze.**

BY35500	1 US pint// .47 ltr	£31.00
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**Permatex Ultra Copper Gasket Maker**

RTV silicone gasket maker. For 4 cyl, turbocharged or high performance engines. The most advanced, high temperature RTV silicone gasket available. Eight times more flexible than cut gaskets. Three times more oil resistant, than regular silicones. Temp range -75f to 700f intermittent. Resists car & garage fluids & vibration. Suggested application- Exhaust manifolds/headers, Rocker covers/Sumps/ Timing covers/ Water pumps/ Thermostat housings etc. Sensor safe, low smell, non corrosive. Superior adhesion.

BY101BR	3oz tube-carded	£12.80
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**ARPTHREADSEALER**

ARP use this when testing and calculating the torque wrench settings to be used on their fasteners. The sealer delivers a flexible leak proof seal in aluminium, steel, s/less steel & plastic against coolants, water, petrol, natural gas and LPG. Seal is PTFE based w/rust & corrosion inhibitors, with an effective range of -30f to 550f, sealant range: 10,000 PSI (pressure).

BY100-9904	1.69 oz / 48 grams	£16.80
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**Permatex Hand Cleaner 1 US Gallon**

Biodegradable, waterless, solvent free hand cleaner, containing no harsh chemicals, mineral oils or ammonia. Pure fresh smelling citrus power does the cleaning. Fortified with aloe, lanolin, glycerin, and other skin conditioners.

BY23218	Smooth Lotion with pump	£18.04
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**Permatex Ultra Blue Gasket Maker**

Ultra silicone, eight times more flexible than cork/composite gaskets. Three times more oil resistant, than regular silicones. Temp range -75f to 500f intermittent. Resists car & garage fluids & vibration. Suggested application- Rocker covers/Sumps/ Timing covers/ Auto g/box sump/ Diff covers etc. Sensor safe, low smell, non corrosive.

BY77BR	3.35oz tube-carded	£11.24
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**Valvoline Carb Cleaner**

Rebuilding your carb? This product is amazing and you will end up with your carb looking like new!

AZ54100	Spray 18 oz / 500 ml	£9.00
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**Permatex -242 Threadlocker**

Medium strength blue. Ideal for all nut & bolt applications 1/4" to 1". Locks & seals. Helps prevent corrosion. Suggested applications: Rocker cover bolts/ water pump bolts/ sump bolts/ drive shaft bolts/ carb studs/ rocker adjustment nuts.

BY24200	6ml tube carded	£7.40
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**Permatex -271 Threadlocker**

High strength red. Ideal for heavy duty applications. Permanently locks studs & press fit items. Adds 3000psi holding power on slip & press fit assemblies. Replaces set screws & circlips. May require special tools for removal. Suggested applications: Cylinder block & rocker arm studs, ring gear bolts, chassis bolts, shock absorber bolts.

BY27100	6ml tube carded	£6.67
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CHEMICALS -ETC

PAINT-AEROSOL-312g

Armor paints. Beware, these tins are under pressure, and the vapours are extremely flammable. Keep away from children.

BYA114	Black Very Hi-temp >2000f	£10.99	
BYA84	Black-engine enamel	£5.00	
BYA85	Chevy Orange-eng enamel	£4.93	
BYA87	Ford Blue-engine enamel	£8.44	
BYA89	Ford Dark blue engine enamel	£8.44	

WINTER CHEMICALS-Valvoline

AZ874738 Antifreeze-Maxlife 1-ltr **£10.19**
Extended life up to 5yrs. Ideal for higher mileage engines. Reduces scale & deposit formation. Conditions seals, gaskets & hoses.



MOROSO BLOCK FILLER

Just fill with water, mix & pour into block before machining. Helps prevent thin cylinder walls from cracking, & improves ring seal by keeping cylinders round. Dampens unwanted vibrations. Has expansion rate very similar to cast iron. For Drag Racing. Enough for 1 engine.



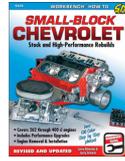
BY35570 Case of 4 US Gallon containers **£97.36**

BOOKS-SBC & LS / GEN111 Variants



BYSA26 Standard & high performance rebuilds **£24.00**

262-400cu in. Step by step Workbench book that shows you how to rebuild a stock or performance oriented small-block Chevy in your own garage. By- Larry Atherton & Larry Schreib



BYSA55 SBC parts interchange manual **£17.55**

This book lists detailed interchange information on cranks, rods, pistons, cyl' heads, inlet manifolds, ignitions, carburetors and more. Casting & serial number I.D. guides are included to help identify used parts. Learn what parts can be combined to create various displacements, which parts match well with others, where factory parts are best, & where the aftermarket offers a better alternative.



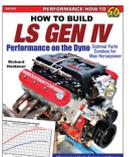
BYSA57 Build Max-Perf SBC on a Budget **£21.65**

Hot-rodders have always searched for ways to save money & improve performance. Renowned engine builder & technical writer David Vizard from England, turns his attention to extracting serious horsepower from SBC engines, on a budget. Vizars performs 10 engine builds, which include dyno charts & parts lists. And it is all done at a nominal cost.



BYSA395 Build LS Gen 4 Perf' on the Dyno **£15.77**

This book provides you a solid parts selection process for assembling a powerful engine package, shows popular packages and then demonstrates the dyno results for these packages. As such this is an indispensable resource for anyone building GM LS Gen IV engines. 400 photos. By- Richard Holdener



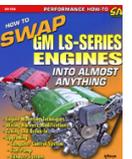
BYSA147 How to Rebuild "LS"-Engines **£22.20**

Simple step-by-step instructions on disassembly, cleaning, machining tips, pre-assembly fitting and final assembly. This book gives considerations for both stock & performance rebuilds. It also illustrates many of the performance components, accessories & upgrades that have been developed for the LS-series family of engines. 600 colour photos. By- Christopher Werner.



BYSA156 LS engine swap into almost anything! **£23.40**

Introduced in 1997 as the Gen3 SBC, this series of engines has become dominant in many GM vehicles. These cutting edge pushrod V8 engines have become affordable & readily available. In the process the Gen3 engine has become the most popular V8 engine to swap into many American & foreign muscle cars, sports cars, trucks & passenger cars. This book is a great guide in many areas of the swap!



BOOKS-BIG BLOCK CHEVROLET

BYSA311 Max Perf BBC on a Budget **£22.20**

Master engine builder David Vizard takes big-block Chevy engine building to the next level and shows how to build these extreme high performance engines without breaking the bank. It goes well beyond the basic performance techniques and delves into exceptional detail. 400 colour photos. By- David Vizard



BYSA142P Rebuild BBC Mk4 1965-1976 **£29.86**

The MK4 BBC was one of the greatest big block engines of all time. This book covers the best techniques for rebuilding the renowned 366, 396, 402, 427, & 454cu in big block engines. With exceptional clarity & insightful detail, this book explains engine removal, disassembly, parts inspection, selection of machine work, initial & final assembly, tuning & running in. [black & white photos].

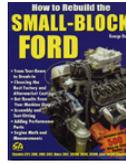




FORD V8 BOOKS

BYSA102 Rebuild Small Block Ford £17.15

Covers- 221, 260, 289, 302, Boss 302, 351W, 351C, 351M & 400M. From strip down to running in. Choosing the best factory & aftermarket castings, get results from your machine shop, assembly & test fitting, adding performance parts, engine maths & measurements. By- George Reid.



BYSA379 Ford Flathead - Rebuild & modify £14.75

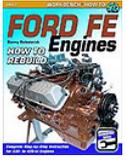
This book takes you step by step through the entire process of a rebuild, including teardown, parts inspection, machine shop processes, replacement parts selection, re-assembly, start-up & break in. 577 colour photos.

By- Tony Thacker & Mike Herman



BYSA352 Rebuild the Ford FE V8 £20.45

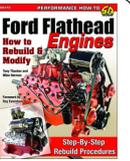
The Ford FE engines, which were manufactured from the late 50's through to the mid 1970's, were designated as the large displacement engines in the Ford lineup. FE means Ford Edsel & reflects an era when Ford sought to promote the Edsel name. Covered in the book are engine I.D. & selection, disassembly, cleaning, parts analysis, machine shop processes, replacement parts, reassembly, start up & running in.



BYCT569 Kar-Kraft [Ford special projects] £25.00

Race Cars, Prototypes & Muscle Cars Of Ford's Specialty Vehicle Activity program. The author [a former Kar-Kraft employee] has enlisted the help of many of his former co-workers to bring you the first book ever published on Ford's all-encompassing special projects facility. 332 photos.

By- Charlie Henry



BYSA421 Restore your 1964.5-73 Mustang £21.65

This book is an ideal starting point that features a lot of great advice about how to achieve what you want from your restoration, & the best path to get there. Mustang expert Dave Stribling shares his expertise in this restorer's guide, covering all of the essential topics. Disassembly, prep for paint & body, reassembly, suspension, brakes, the engine & driveline and the electrical & interior are covered.



BYSA162 Rebuild 429-460 BBF £15.00

In this revised edition, Ford expert Charles Morris covers all the procedures, processes & techniques required to rebuild your powerplant. Beginning in 1971, the 429 was used on the Mustang & Torino, in high compression 4 barrel versions called the Cobra Jet & Super Cobra Jet, being one of the most powerful passenger car engines that Ford had ever built. This book is a must have for the 429 & 460.

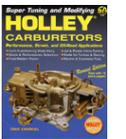


CARBURETOR BOOKS



BYSA330 Rebuild- Holley carburetors £24.00

This book guides you through each important stage of the rebuilding process. Carb identification is explained as well as idle, mid-range and high speed circuit operation, specialty tools and available parts. The author also details how to select parts then disassemble, assemble & calibrate all of the major Holley carburetors. 450 photos. [revised]
By- Mike Mavrigian



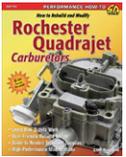
BYSA216 Super tuning & modifying Holleys £15.55

This book explains the science, function & tuning expertise required to get your Holley carburetor to perform its best for your application - street, strip, supercharging or racing. Explains the traditional 4150 double pumper, Dominator, and 4160 vacuum secondary models, as well as all the recent releases from Holley, including the Ultra Street Avenger and Ultra HP series carbs. 400 colour photos. By- David Vizard.



BYSA113 Rebuild-Rochester Q-jet carburetors £20.45

The Q-jet is a very capable but often misunderstood carb. This book will be a complete guide to selecting, rebuilding, & modifying the Quadrajets. The book includes a history of the Q-jet, an explanation of how the carb works, a guide to selecting & finding the right carb, instructions on how to rebuild the carb, & extensive descriptions of high performance modifications.



BOOKS-TRANSMISSION-MANUAL & AUTOMATIC



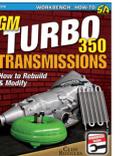
BYSA103 Build & Modify Manual Trans' £14.75

Detailed coverage of Borg Warner T10, ST10, T5, Chrysler A833, Muncie 4 speed, Toploader 4 speed. Topics- Disassemble, evaluate & rebuild, learn performance mods, info on clutches & shifters. 475 colour photos. By- Paul Cangialosi



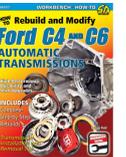
BYSA326 Rebuild- GM TH 350 3spd £24.00

This book guides you through the complex rebuild procedure of GM's popular RWD automatic transmission. It goes through the rebuild and performance upgrade procedures in a series of full colour photos. Included, is instruction on removal and installation, tear down procedures, parts inspection & replacement, as well as performance mods & shift kit installation. 563 colour photos. By- Cliff Ruggles



BYSA227 Rebuild+Modify C4 & C6 Trans £21.00

Follow along step-by-step, from removing the transmission, to complete disassembly and cleaning, to reassembly & proper re-installation. Additionally, if the transmission will be used in a high performance situation, included, are various steps required to bolster the unit's strength, using commonly available aftermarket components. 600 colour photos. By- Cliff Ruggles



BYSA140 Reb' & Mod' GM700R4 & 4L60 **£18.20**

Demystifies these popular 4 speed overdrive trans', explaining the history & presenting critical identification guidelines. It then leads you through the complete disassembly, repair, upgrade & assembly procedures. DIY-ers learn how to test their transmission to ensure its proper operation before installing it in the car. Also included is a swapping section. 400 colour photos. By- Cliff Ruggles



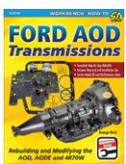
BYSA186 Rebuild & Modify- TH400 3spd **£22.20**

This book guides you through the complex rebuild procedure of GM's most popular rear wheel drive automatic transmission. It walks you through the step-by-step rebuild procedures in a series of full colour photos for this popular transmission model. Optional upgrades and time saving tips for every buildup are also included. 400 colour photos. By- Cliff Ruggles



BYSA279 Rebuild Ford AOD, AODE+4R70W **£20.45**

Early in the 80's Ford replaced the old C4 & C6 with the AOD series which had a 4th overdrive gear. This stopped the engine revving so much & gave better fuel economy, with less pollution & engine wear. This book covers everything from complete disassembly & cleaning, to careful reassembly. Performance modifications are also covered, as well as an I.D. guide for various model numbers.

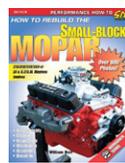


BOOKS-CHRYSLER



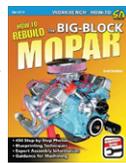
BYSA143P Rebuild your Small Block Mopar **£29.86**

Small Block Chrysler, Plymouth & Dodge V-8 engines came in a variety of vehicles since 1964. This book is the most comprehensive book on small-block Mopar engines ever released, covering- 273, 318, 340, & 360 LA engines, plus 5.2 & 5.9L Magnum V8's. Topics covered include dismantling, inspection, selecting parts, machine-shop work & assembly. Torque sequences included. Photos are black & white.



BYSA197P Rebuild your Big Block Mop **£29.86**

The Mopar Big Block RB & B engines have powered millions of Dodge, Plymouth & Chrysler cars from 1959 to 1978. Veteran Magazine writer Arvid Svendsen documents a professional caliber rebuild in this latest book. You will be able to confidently complete the rebuild of an entire engine. From disassembling to inspecting all components, machine work, select optimal parts, & reassemble. Photos are black & white.



BOOKS-PONTIAC



BYSA200 Rebuild Pontiac V8 **£14.75**

Rebuilding a Pontiac V8 is no longer a mystery as the author steers you through each step of the process with photos and comprehensive captions. He guides you through pulling an engine, disassembly, block inspection, rotating assembly inspection and upgrade, and guiding machine work, so you can meet your performance requirements. 400 colour photos. By- Rocky Rotella.



TECHNICAL HANDBOOKS

BY9615 MSD Wiring Diagrams/Tech **£10.80**

Lost your MSD instructions? This book contains wiring diagrams technical tips & troubleshooting information for MSD ignition units. By- MSD.



SUNDRY ITEMS



PROTECTIVE COVER FOR FRONT WING/FENDER

Save your paint when you lean on your front wing!

BYC603 Comp Cams wing Cover **£28.63**



KEYRINGS

KEYRING All types listed **£3.00ea**
Leather tab, with metal backed enamelled car emblems.
BUICK, PLYMOUTH, FORD, OLDSMOBILE

