

LUBRICANTS-SEALERS-CHEMICALS-BOOKS

LUBRICANTS S13/1
LUBRICANTS-SEALERS S13/2
CHEMICALS- BOOKS-SBC & LS S13/3
BOOKS-Ford-BBC-Mopar-Pontiac-Carb-Transmission S13/4
BOOKS-Trans-Rear Axle-Technical-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 £7.09 US qt
1 US qts = 946ml. 4 US qts = 1 US Gallon.
- BY159** Break-in oil additive £14.20 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] per oil change. This will ensure there is enough Zinc [above 2000ppm] per oil change. This will ensure there is enough Zinc [above 2000ppm] per oil change.

- BY1595C** 15W/50 Performance oil £9.19 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 £8.56
- AZ11951** VR1 Racing Oil 5 litre, 20W-50 £37.96



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.*



- BY950610** Race 1 US qt/.946L £10.45

APPROXIMATE FLUID CAPACITY [US qts-.946L]

[using standard sump pan only]

TORQUE CONVERTERS:		TRANSMISSIONS:	
13"	5qts	Torqueflite 727/904	5qts
12"	4qts	Ford C4	5.5qts
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 £8.57

VALVOLINE ATF MINERAL TRANSMISSION FLUID

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

- AZ14820** Dexron 3/Mercon 1-litre £8.10
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 £20.03



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 £6.00



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 £3.23
- BY102 Tub- 4fl oz // 113g £9.73



Comp/Cams V/Spring Protection Lube

Valve train assembly spray. Use before start up & it will help the running in process. This should extend the life of your valve springs.

- BY106 Valvetrain assembly spray £13.81



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



Valvoline WD & Silicone Sprays

The silicone spray is a light duty lubricant. Leaves no sticky residue, non staining, stops squeaks & sticking, waterproofs & protects, prevents freezing. 1299 WD fluid penetrates, loosens & lubricates. Displaces moisture from any surface.

- AZ54040 Silicone spray 300ml £3.71
- AZ54334 1299 WD penetrating fluid £0.90



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 £2.35
- BY100-9909 1.69fl oz squeeze tube £11.28



EDELBROCK Filter Care Service kit

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

- BY43600 Cleaning kit £12.17



SEALERS

PERMATEX-"THE RIGHT STUFF"

Use for sealing gaskets, or making a gasket. Using the latest elastomeric rubber gasket technology is blowout resistant, & outperforms precut 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 £26.44



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 £28.62



Bars Leaks

Stop leaks, lubricates pump. Works effectively with all anti-freeze.

- BYR-6 5.5fl oz / 163ml £4.06



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 £23.54



MSD Spark Guard Sealer

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

- BY8804 £11.42sp



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 £14.40



Permatex Blue RTV Silicone Gasket

The original Blue, Replaces almost any cut gasket, Makes reliable "formed in place" gaskets that resist cracking, shrinking & migrating. Coats precut gaskets to increase reliability. Temp range -65f to 500f intermittent. Resists car & garage fluids & vibration. Suggested application- Rocker covers/ Sumps/ Timing covers/ Auto g/box sump/ Water pumps/ Thermostat housings etc. Sensor safe.

- BY6BR 3oz tube-carded £6.10



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 £9.29



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 £12.01



Permatex Indian Head Gasket Shellac Compound

The original quality formula. Hard setting, economical sealant. Seals all common gasketing materials in low temperature and low pressure applications. Temperature range -65f to 350f. Resists diesel fuels & most Garage fluids. Suggested applications- Hose connections/ paper & cardboard gaskets.

- BY5J 2oz bottle £3.52



CHEMICALS -ETC

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 **£5.16**

Teflon Tape

This skin packaged tape, impervious to fuel and oil, increases the sealing capabilities of all threaded joints. Each roll comes in a plastic container for convenient storage.



BY9608 1/2" x 260" / 12.7 x 6600 mm **£3.07sp**

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 **£7.40**

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 **£6.00**

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 **£73.97**

Winter Chemicals-Valvoline

AZ56103 Screenwash 1litre-down to -40c **£5.53**

AZ808503 Antifreeze-Maxlife 1-ltr **£7.44**

Extended life up to 5yrs. Ideal for higher mileage engines. Reduces scale & deposit formation. Conditions seals, gaskets & hoses.



Paint- Aerosol-312g

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

BYA102	Alum Hi-temp >1200f	£6.30
BYA114	Black Hi-temp >1200f	£5.94
BYA84	Black-engine enamel	£4.50
BYA85	Chevy Orange-eng enamel	£4.74
BYA87	Ford Blue-engine enamel	£4.50
BYA89	Ford Dark blue engine enamel	£4.94



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 **£21.04**



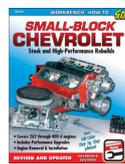
BOOKS & SUNDRY ITEMS



SB CHEVY & LS

BYSA26 Stock & high perf rebuilds **£15.00**

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



BYSA116 Rebuild the SBC-Video Book **£21.88**

262-400. Step by step Video book. In this newly updated edition, detailed section show how to disassemble a used engine, inspect for signs of damage, select replacement parts, buy machine work, check critical component fit & much more! The DVD takes a trip to the machine shop & shows the viewer the entire process. 650 colour photos. By -Larry Atherton & Larry Schreib.



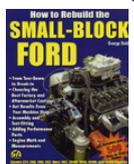
BYSA57 How to Build Max Performance Chevy Small-Block on a Budget **£15.00**

How to build serious horsepower small-block Chevy engines on a budget. Up to 600bhp. Includes factory part numbers, easy do-it-yourself cylinder head mods, aftermarket parts and more. Over 300 colour photos. By- David Vizard



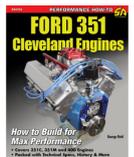
BYSA147 How to Rebuild "LS"-Engines **£16.55**

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.



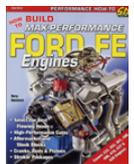
BYSA86 How to Build High Performance Chevy LS1/LS6 V8's **£16.55**

In this new edition with full colour photos, you will find everything you need to know about these engines, including simple engine bolt-ons, electronic controls for the GenIII engine and detailed engine builds at 4 different power levels. 550 colour photos. By- Will Handzel



BYSA395 How to Build LS Gen IV Performance on the Dyno **£16.55**

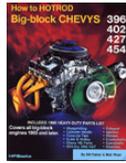
This book provides you a solid parts selection process for assembling a powerful engine package, shows popular packages and then demonstrates the dyno results for these packages. As such this is an indispensable resource for anyone building GM LS Gen IV engines. 400 photos. By- Richard Holdener





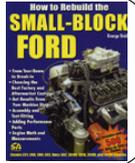
BIG BLOCK CHEVY

BYHP42 How To Hotrod BBC **£13.99**
396-454. Blueprinting, cylinder heads, tune-up tips, Q-jet & Holley, Chevy HD parts, 454-ing 396-427, exhaust, ignition, pistons, crankshafts, camshafts, clutches. By- Bill Fisher & Bob Waar.

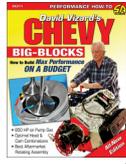


FORD V8

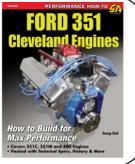
BYSA102 Rebuild Small Block Ford **£15.00**
Covers- 221, 260, 289, 302, Boss 302, 351W, 351C, 351M & 400M. From strip down to running in. Choosing the best factory & aftermarket castings, get results from your machine shop, assembly & test fitting, adding performance parts, engine maths & measurements. By- George Reid.



BYSA311 Max Perf BBC on a Budget **£14.75**
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

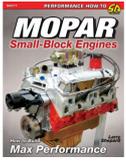


BYSA252 Build Max Perf 351C Engines **£16.55**
This book covers everything you need to know about using tried & tested modification techniques as well as modern technology to make your Cleveland engine a cutting edge performer. 405 colour photos. By- George Reid



DODGE/PLYM'/MOPAR

BYSA377 Small Block Mopar-Max Perf **£16.55**
If you own a LA small-block powered Mopar car or truck, this invaluable guidance and instruction helps you optimize performance and maintain reliability. This Mopar engine expert identifies the best parts & guides you through the specific techniques to extract maximum perf from your S.B. Mopar. 400 photos. By-Larry Shepard

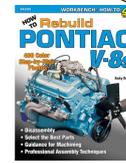


BYSA183 Build Max Perf FE Engines **£16.55**
Covers the 332-352-362-390-406-410-427-428. The Ford FE V8 is one of the most prolific engines Ford produced, & it powered the Mustang, Torino, Galaxy, Thunderbird & many other vehicles from the 50's through to the mid 70's. This book covers- How to select- the best flowing heads, high-performance cams, aftermarket & std blocks, cranks, rods & pistons, stroker packages. In the end you will be able to build a high-performance, reliable FE that suits your vehicle & application. 400 colour photos By- Barry Rabotnik

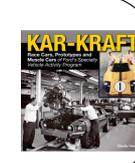


PONTIAC BOOKS

BYSA200 Rebuild Pontiac V8 **£15.37**
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.

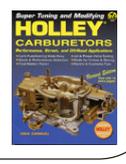


BYCT569 Kar-Kraft **£25.00**
Race Cars, Prototypes & Muscle Cars Of Ford's Specialty Vehicle Activity program. The author [a former Kar-Kraft employee] has enlisted the help of many of his former co-workers to bring you the first book ever published on Ford's all-encompassing special projects facility. 332 photos. By- Charlie Henry

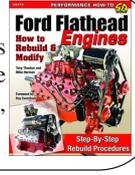


CARBURETOR BOOKS

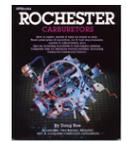
BYSA216 Super tuning & mod' Holleys **£14.19**
This book explains the science, function & tuning expertise required to get your Holley carburetor to perform its best for your application - street, strip, supercharging or racing. Explains the traditional 4150 double pumper, Dominator, and 4160 vacuum 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.



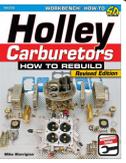
BYSA379 Ford Flathead - Rebuild & modify **£14.75**
This book takes you step by step through the entire process of a rebuild, including teardown, parts inspection, machine shop processes, replacement parts selection, re-assembly, start-up & break in. 577 colour photos. By- Tony Thacker & Mike Herman



BYHP014 Rochester carburetors **£13.04**
Covers all conventional models, plus the latest electronic & computer command controlled carbs. Design, operation, rebuilding, modification & tuning, of Rochester 2G, 4G, Quadrajets, E4ME, E4MC, E2ME, E2MC. By- Doug Roe.



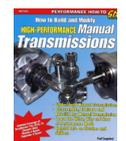
BYSA330 Rebuild- Holley carburetors **£15.00**
This book guides you through each important stage of the rebuilding process. Carb identification is explained as well as idle, mid-range and high speed circuit operation, specialty tools and available parts. The author also details how to select parts then disassemble, assemble & calibrate all of the major Holley carburetors. 450 photos. [revised] By- Mike Mavrigian



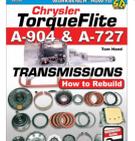
TRANSMISSION-MANUAL/ AUTO and REAR AXLE



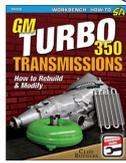
BYSA103 Build & Modify Manual Trans **£14.75**
Detailed coverage of-Borg Warner T10, ST10, T5, Chrysler A833, Muncie 4 speed, Toploader 4 speed. Topics- Disassemble, evaluate & rebuild, learn performance mods, info on clutches & shifters. 475 colour photos. By- Paul Cangialosi



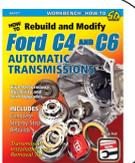
BYSA394 Mopar A-727 & A-904 3spd **£19.15**
This book guides you through the Torqueflite rebuild with colour photos showcasing step by step procedures with highly detailed, easy to follow, text. This book will help keep money in your pocket & get your Mopar back on the road. 400 photos. By- Tom Hand



BYSA326 Rebuild- GM TH 350 3spd **£15.00**
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 & Mod' C4 & C6 Trans **£15.00**
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

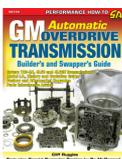


TRANSMISSION-AUTOMATIC and REAR AXLE



BYSA140 Reb' & Mod' GM700R4 & 4L60 **£14.75**

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



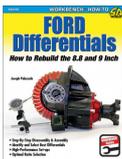
BYSA186 Reb' & Modify- TH400 3spd **£15.00**

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



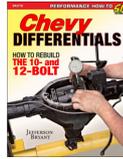
BYSA249 Ford 8.8 & 9" Differential **£15.00**

The 8.8" Ford diff' is popular because of the many Mustangs on the road and being modified today. The 9" diff' is popular because of the performance Fords from the 60's and 70's and their use for racing and swaps into other chassis. This book covers everything you need to know, in step-by-step fashion. 393 colour photos. By- Joe Palazzolo



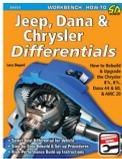
BYSA310 Chevy 10 & 12 bolt Diffs **£14.75**

This book walks you through the entire process of evaluating & rebuilding the perfect differential for your GM application. In this step-by-step guide, you learn how to completely disassemble the differential, evaluate components and select replacement parts. 400 photos. By- Jefferson Bryant



BYSA253 Jeep, Dana & Chrysler Diffs **£16.40**

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