

ACCESSORIES

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Rocker Cover Parts

ROCKER COVER BOLTS- 1/4" unc

Rover V8, Ford V8 [not FE], Chevy V8, Chrysler V8, [NOT Pontiac]

- BY1434UNC** Allen head 3/4" long s/less cap screw ... £0.83 ea
- BY1436UNC** Allen head 1-1/4" long s/less cap screw £0.91 ea
- KIT938** Stainless washer 1/4" £0.11

- BY9820** Chrome T-bolts-tall 4-1/2" £9.52
- BY68604** Blue T-bolts-tall 4-1/4" £19.56

T-bolts make it easier to remove & reinstall rocker covers. They need to be used with "load spreaders", otherwise the rocker cover flange can be distorted & may then leak. Packed in a set of 4.

- BY68561** Chrome domed acorn nuts £20.87
- Packed in a set of 8, 1-3/8" high, complete with 1-3/8" long studs.

- BY9822** Rocker cover "bolts" SBC 86 on £10.94
- Packed in a set of 4. Use on SBC engines with bolts down the centre of the rocker cover. Chrome with allen key head.



ROCKER COVER BOLTS- 5/16" unc



USED ON BIG BLOCK FE FORD & PONTIAC ONLY

- BY68630** Chrome T-bolts-tall 5" £24.30 pk4
- BY68620** Gold T-bolts-tall 5" £10.51 pk4



BREATHERS & CAPS

- BY68781** Push-in chrome breather with pipe £11.63
- Designed to fit a rocker cover with a 1.22" hole, and a step the width of the groove in the grommet. Tries to hold oil in the foam, and then let it drain back into the rocker cover. This unit can be connected to the air cleaner or elsewhere.

- BY68813** Push-in chrome breather, hooded £16.26
- Designed to fit a rocker cover with a 1.22" hole, and a step the width of the groove in the grommet. Has a proper filter built in, with a hood or shield to stop the fan filling it with dust etc.

- BY68660** Push-in chrome filler cap £6.95
- Designed to fit a rocker cover with a 1.22" hole, and a step the width of the groove in the grommet.



ONE PIECE BREATHERS

Designed to fit a rocker cover with a 1.22" hole, and a step the width of the groove in the grommet. Tries to hold oil in the foam, and then let it drain back into the rocker cover. This unit breathes to atmosphere.

- BY68740** Push-in chrome breather £14.35 pr
- BY68717** Push-in blue powder coated breather £21.92 pr



ALUMINIUM WELD IN FITTINGS



These are for aluminium rocker covers. The weld in adaptor has a female thread, which enables you to connect a braided hose for racing.

- BY68910** Weld in adaptor, 1/2" npt thread £13.54 pr
- BY85282** Weld in oil-filler cap £19.16



CHROME BREATHERS & CAPS

- BY9811** Domed *twist-in* breather £4.58
- Breathes to atmosphere
- BY4806** Domed *twist-in* breather with pipe £5.46
 - BY9812** Oil filler cap *twist-in* £3.96

- BY4802** Domed breather for oil filler tube £4.39



BILLET SPECIALTIES ALUMINIUM BREATHERS

Designed to fit a rocker cover with a 1.22" hole, and a step the width of the groove in the grommet. Polishing is very high quality. Breathers without a pipe breath to atmosphere. Breathers with a pipe for a hose, have a PCV valve installed. This can be removed if you need a plain breather with a pipe. Breathers are complete with a grommet.

Plain Breather- No Pipe:

- BY20120BS** Round- "Plain" top- polished £31.76
- BY20820** Round- "Ball milled" top- polished £32.76
- BY20720** Round- "Crossed flags" top- polished £36.36
- BY20320** Round- "Flamed" top- polished £36.73
- BY20220** Round- "Bowtie" top- polished £36.36
- BY20920** Oval- "Ball milled" top- polished ... £36.36
- BY20950** Oval- "Ribbed" top- polished £45.22



Breather with Pipe & Built-In PCV Valve [removeable]:

- BY21120** Round- "Plain" top- polished £31.44
- BY21820** Round- "Ball milled" top- polished £31.44
- BY21720** Round- "Crossed flags" top- polished. £36.36
- BY21320** Round- "Flamed" top- polished £36.36
- BY21220** Round- "Bowtie" top- polished £36.36
- BY21920** Oval- "Ball milled" top- polished £36.36
- BY21950BS** Oval- "Ribbed" top- polished £45.22



- ACCESSORIES -
Rocker cover parts/Cooling

Edelbrock CHROME/ALUMINIUM BREATHERS

BY4405 Round chrome push-in breather £7.76
BY4410 Round push-in breather with pipe £7.91
 Designed to fit a rocker cover with a 1.22" hole, and a step the width of the groove in the grommet. Breathes to atmosphere. Edelbrock logo.

BY4204 Elite aluminium push-in breather £22.34
 Designed to fit a rocker cover with a 1.22" hole, and a step the width of the groove in the grommet. Breathes to atmosphere. Edelbrock logo. The Elite breather is 2-1/2" tall.

BY42044 Elite aluminium push-in breather £32.39
EnduraShine coated "shiny" finish
 Designed to fit a rocker cover with a 1.22" hole, and a step the width of the groove in the grommet. Breathes to atmosphere. Edelbrock logo. The Elite breather is 2-1/2" tall.



PCV VALVES

BYFV184 GM style PCV valve 90 degree pipe £2.94
BY22120 Highly polished aluminium £26.53
 Billet aluminium. Complete with grommet. 1-9/16" tall.



GROMMETS for ROCKER COVERS

BY97340 Aftermarket breather into 1.22" hole £4.01 pr
BY68770 GM style pcv valve into 1.22" hole .. £4.94 pr
BY14091870 Goodwrench GM PCV £3.71
BY3989350 Goodwrench as above but angled £2.90
BYM-6892-F Ford-converts twist in to push in £6.13
 BYM-6892-F also includes a PCV grommet.



Cooling System

MOROSO MANIFOLD FILLER NECK KIT

Primarily designed for oval track cars. To locate the filler neck at the highest point on cars with radiators mounted lower than the inlet manifold water outlet. 1/2" npt hole for a water temp gauge & two 1/4" npt holes. Made of 356-T6 aluminium. Comes with gaskets, bolts & a std radiator filler neck.

BY63420 Mainly for Chevrolet V6/V8 £55.81



RADIATOR CAPS

BY10328 Stant-7lb with pressure release £4.93
BY10329 Stant-13lb with pressure release £7.51
BY63320 Moroso-19-21lb race cap £11.45



THERMOSTAT RESTRICTOR KIT

If you remove your thermostat, the water rushes around and does not have time to absorb heat. These restrictors will slow down the water. Kit consists of 3 plates- 5/8", 3/4", & 1".

BY63440 Most small-diam thermostats £8.17



RADIATOR OVERFLOW TANK

This tank meets NHRA rules & has the advantage of being lightweight. Comes with a hose fitting & drain cock.

BY63657 Capacity around 1 litre £30.16



ALUMINIUM EXPANSION TANK

BY80-200 Expansion tank £113.38



PLUGS-TAPS

BY18NPT 1/8" NPT blanking plug-black £0.91
CX974 3/8" NPT plug-black £1.12
CX2254 1/2" NPT plug-black £1.20
BY39152 3/8" NPT plugs [4] chrome £9.26
BY39153 1/2" NPT plugs [2] chrome £9.06
BYAJG730 1/4" NPT brass cyl block drain tap ... £5.78



RADIATOR HOSE FILLER

Made of 356-T6 cast aluminium. Fit this into the top radiator hose to enable you to fill up the cooling system. takes a std rad cap.

BY63730 1-1/2" hose to 1-1/2" hose £26.36



ENGINE HEAT TAB

Engine heat indicator label. Self adhesive. Can be attached to a core plug etc. Shows if the engine has been overheated.

KIT99 For all engines £1.86



MOROSO AIR BLEED VALVE

Brass construction with "push-button" to release pressure. Bleeds air from your cooling system. Fits 1/8" NPT thread. Resistant to fuels, oil & anti-freeze.

BY63765 Air bleed valve £14.56



THERMOSTATIC WATER PUMP SWITCH

Provides automatic control of electric water pumps. turns on pump at 160°F & off at 140°F. Three position switch, auto, manual [permanent on], and off.

BY63760 Thermostatic kit £41.89



FLEX FAN & SPACERS

BY64000 Moroso 17" stainless fan £37.62
BY31510 1" spacer for mechanical fan £15.85
BY31520 2" spacer for mechanical fan £15.85



HOSE CLIPS

BYM4H 7/32" - 5/8" small £0.49
BYB20H 3/4" - 1.75" stainless £0.59
BYB24H 1" - 2" stainless £0.60



- ACCESSORIES -
Cooling/Electrical & Ignition

MOROSO ELECTRIC WATER PUMP KIT

This kit is mainly used in Drag Racing. As well as gains in horsepower over driving a mechanical pump, heat soak is reduced when the engine is turned off, as the pump can be left running. This lowers the temperature of the engine much quicker. Water pump not included.

BY63750 W/pump drive kit most V8's **£93.25**



MOROSO MR GASKET ELECTRIC FANS

These fans are electrically reversible. In other words they can be mounted on the front of the radiator as a "pusher", or behind the radiator as a "sucker". Mounting kit is included. Can be used with thermostat kit BY1992.

BY1986 12"- 1400cfm @ 2300rpm-10.2a **£102.00**
Dims: H= 13.25". W= 12.60". Depth= 3.09"
BY1987 14"- 1800cfm @ 2100rpm-10.3a **£108.70**
Dims: H= 14.69". W= 14.00". Depth= 3.40"
BY1988 16"- 2000cfm @ 1900rpm-11.4a **£115.30**
Dims: H= 16.56". W= 16.00". depth= 3.40"



BY1994 Spare mounting kit- short std **£10.94**
BY1989 Spare mounting kit- long 8.5" **£11.53**



MR GASKET ELECTRIC FAN THERMOSTAT KIT

Designed to allow fan to operate automatically. Includes a 30amp relay, wiring kit with fuse, thermostatic temperature sensor & brass radiator probe. Turns on fan at 190f, and off at 170f.

BY1992 Fan thermostatic sensor kit **£49.33**



HEATER HOSE FITTING-CHROME [1/2" npt]

BY9744 For 5/8" I.D. hose, 1-3/4" long **£8.26**
BYAJG740 For 5/8" I.D. hose, *90 degree* **£22.87**



HEATER HOSE 5/8" RED

BYPRM5/8 Red heater hose 5/8" **£0.88 ft**



Electrical & Ignition

WIRE SEPARATOR KIT

These are made of plastic. They hold the leads apart to try & prevent crossfiring. 2each of- 2,3, 4 hole.

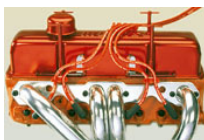
BY72160 Blue 7-8-9mm **£8.99**
BY72161 Red 7-8-9mm **£7.86**
BY72162 Yellow 7-8-9mm **£8.02**
BY72163 Black 7-8-9mm **£7.86**
BY73160 Blue 11mm **£8.64**



MOROSO SHOW CAR WIRE LOOM KITS

Includes 8 two hole looms, and 2 four hole. Keeps plug wires away from exhaust and other hot areas. Keeps leads apart to eliminate crossfire. Secures to rocker cover bolts.

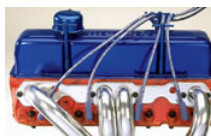
BY72170 Blue 7-9mm **£17.40**
BY72168 Red 7-9mm **£17.58**
BY72169 Yellow 7-9mm **£17.42**
BY72167 Black 7-9mm **£17.41**



MOROSO 4 HOLE WIRE LOOMS

Includes 2 chrome plated brackets & 2 four hole looms. Secures to rocker cover bolts.

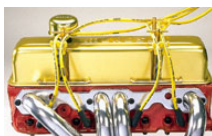
BY72180 Blue 7-9mm **£6.60**
BY72181 Red 7-9mm **£6.40**
BY72182 Yellow 7-9mm **£6.46**
BY72183 Black 7-9mm **£6.34**



MOROSO UNIVERSAL WIRE LOOM KIT

Includes 4 chrome brackets, 4 two hole looms, & 2 three hole looms. Secures to rocker cover bolts.

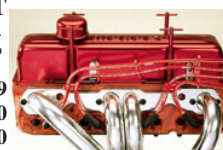
BY72150 Blue 7-9mm **£11.88**
BY72151 Red 7-9mm **£11.87**
BY72152 Yellow 7-9mm **£12.22**
BY72153 Black 7-9mm **£12.22**



MOROSO SUPER LOOM KIT

Mounts the leads very neatly, along the side of the rocker cover. Includes 2 rh & lh chrome brackets, 2 four hole looms, 6 two hole, 2 two hole, & 2 four hole separators.

BY72171 Blue 7-9mm **£19.69**
BY72172 Red 7-9mm **£20.10**
BY72173 Yellow 7-9mm **£20.10**
BY72174 Black 7-9mm **£22.42**



MOROSO SB FORD LOOM KIT

Use 135° boots at spark plug end. Routes the leads neatly along the side of the rocker cover. 6 chrome brackets, 3 four hole looms, 1 three hole, 1 two hole, 1 one hole. Plus separators.

BY72130 Blue 7-9mm **£14.75**
BY72131 Red 7-9mm **£14.32**
BY72132 Yellow 7-9mm **£14.45**
BY72133 Black 7-9mm **£14.75**

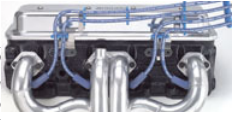


- ACCESSORIES -
Electrical & Ignition

SBC CENTREBOLT LOOM KIT 

Designed for the SB Chevy with "centre bolt" rocker covers, that started to appear from 1986 onwards. They are secured to the cyl head.

- BY72140 Blue 7-9mm £27.36
- BY72141 Red 7-9mm £28.42
- BY72142 Yellow 7-9mm £28.33
- BY72143 Black 7-9mm £27.36



BIG BLOCK CHEVY LOOM KIT 

Fits Big Block Chevy & runs the leads along the side of the rocker cover. Includes 4 rh & 4 LH chrome brackets, 2 of each, one hole, two hole, three hole & four hole looms. Plus separators.

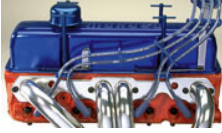
- BY72175 Blue 7-9mm £24.34
- BY72176 Red 7-9mm £22.99
- BY72177 Yellow 7-9mm £23.90
- BY72178 Black 7-9mm £23.24



SUPER MAX LOOM KIT 

Includes 6 chrome brackets, with related looms and separators to route plug leads from the distributor in the exact order to each cylinder without crossing over. SBC.

- BY72190 Blue 7-9mm £37.50



HIGH TEMP UNDER HEADER LOOM KIT



Designed for routing wires under headers on old & new style SBC engines. Includes 4 chrome brackets, 2 four hole, 2 two hole looms. Plus separators.

- BY72195 Black 7-9mm £20.82



REPLACEMENT PLASTIC HOLDERS

- BY97830 Blue 2-hole £2.94 2pk
- BY97832 Blue 4-hole £2.94 2pk
- BY97833 Red 2-hole £2.77 2pk
- BY97835 Red 4-hole £2.94 2pk



PRO-CLAMP BLACK SEPARATORS 

Each separator features secure grooves for each wire & a top bracket snaps in place to sandwich the wires in place. The kit is supplied with 2- four wire, 2- three wire, & 4- two wire.

- BY8843 Pro-clamp separators £18.07



STREET-FIRE MADE-UP LEADS 

These black leads are fully made up & ready to fit. They are designed to fit original engines with the correct height rocker covers, & correct exhaust.

- BY5543 289-302 socket cap £31.84
- BY5554 SBC with HEI distrib £31.84
- BY5565 SBC over r/cover-socket cap £31.84



BLUE MAX SPIRAL CORE 8mm LEADS

The superiority of Blue Max 8mm 800ohm spiral core lead comes from over 25 years of refinement. The combination of Moroso's engineering expertise & rigorous testing programme yields the finest lead available for Street or Motorsport.

Independent testing has confirmed that Blue Max tops all other leads. Blue max was tested against 14 other brands- and the result showed- more spark energy, greater EMI/RF suppression, higher dielectric strength.

Blue Max gives an optimized combination of capacitance, inductance and resistance which provides more spark energy and EMI protection than any other 8mm Spiral Core lead in their class. Eliminates interference with on-board electronics and provides static-free sound quality for car audio systems. Semi-finished.

- BY73225 Blue 90° degree spark plug boot £68.14
- BY73226 Blue straight spark plug boot £67.46
- BY73220 Blue 135° degree spark plug boot £68.14
- BY73219 Red 90° degree spark plug boot £68.14
- BY73218 Red straight spark plug boot £68.14
- BY73214 Red 135° degree spark plug boot £68.14
- BY73217 Yellow 90° degree spark plug boot .. £68.14
- BY73216 Yellow straight spark plug boot £66.80
- BY73215 Yellow 135° degree spark plug boot £68.14
- BY73231 Black 90 degree spark plug boot £68.27
- BY73232 Black straight spark plug boot £68.27
- BY73233 Black 135 degree spark plug boot ... £68.27



SPIRAL-CORE SUPER MAX 11 LEADS

These leads have the same features as the Blue Max leads, but are 11mm in diameter. The outer silicone jacket resists moisture, fuel & oil, while providing added electrical insulation. Semi-finished.

- BY73700 Blue 90° degree spark plug boot ... £73.80
- BY73701 Blue straight spark plug boot £73.80



ULTRA 40 RACE LEAD SETS

The same design features as the Blue Max leads, except these race leads are 8.65mm, and only 40ohms of resistance per foot. Semi-finished.

- BY73800 Blue 90° -spark plug boot £86.87
- BY73801 Blue straight spark plug boot £85.16
- BY73802 Blue 135° -spark plug boot £84.31



BLUE MAX LONG COIL WIRE KIT 

All the parts required to make up a Spiral Core coil lead. Kit contains 3 feet of blue lead, a wire stripping tool, and a 13 piece boot & terminal kit.

- BY73235 3ft coil wire kit £14.52



BOOT & TERMINAL KIT 

Set of 8 boots & terminals. NB: 135° degree is black. Others are blue.

- BY72070 90° spark spark plug boot & terminal .. £15.52
- BY72060 Straight spark plug boot & terminal £20.46
- BY72075 135° spark plug boot & terminal £23.44



SHRINK SLEEVES

These sleeves ensure a complete seal between spark plug and distributor boots and the leads.

- BY72030 Blue 18 per set £16.12
- BY72031 Black 18 per set £15.97



- ACCESSORIES -
Electrical & Ignition

CONV' KIT TO HEI DISTRIBUTOR TERMINALS

Enough parts to convert your older plug leads, so that they will fit a late style cap with male spark plug style terminals. Requires cutting off the old terminals and boots, and crimping on the new ones.



BYAJG410 Conv kit to male terms **£5.23**

IGNITION LEAD NUMBER SETS

Heat shrink numbers just need heating up with a hair dryer or similar, and they will shrink to a nice tight fit.



BY72020 Black heat shrink style-16 in set **£7.57**
BY72020 can generally only be fitted before the leads are made up.

MSD HEAT PROTECTION PRODUCTS

BY3412MSD Pro-boot guard- 6ft **£47.41**
This slide on sleeve, features a fibreglass woven inner sleeve which is then coated with a special silicone rubber. This combination will withstand extreme temperatures.



MSD FIREWALL FEED-THRU

In cases where the coil is inside the vehicle, this item ensures all the sparks reach the distributor.



BY8211 Red/black HT lead connector **£19.25**

12v UNIVERSAL POINTS COIL

Must use with a BYRU10 ballast resistor. Not for use with MSD.



BYD500-J Standard points coil **£15.80**

MOROSO CHROME POINTS COIL

Use a ballast resistor BY72390 with this coil.



BY72350 40,000v Chrome coil inc bracket **£32.53**

ACCEL YELLOW SUPER POINTS COIL

Assuming car has no ballast resistors presently, you will need 2 ballast resistors for this coil, with a points distributor. BY72390 and the resistor supplied. Vibration proof, spring loaded assembly, flash-proof voltage dam, & tall coil tower. Not for use with MSD.



BY140001 Yellow Super Coil **£71.98**

CHROME ELECTRONIC COIL

This coil is to be used with Mallory magnetic & unilite distributors. Must use with BY700 resistor. Do not use with MSD.



BY29216 Chrome electronic coil .6ohm prim **£47.05**

BALLAST RESISTORS

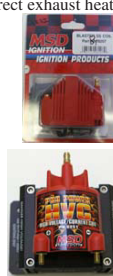
BY8214 .8 ohms **£9.62**
Use above resistor & BY72390 with MSD coils in a points distributor application.
BYDR794 1.82 ohms **£6.14**
Use above resistor with the Moroso points coil, & other applications.
BY700 .75-1.5 ohms [varies hot & cold] **£18.10**
Use above resistor with the BY29216 coil.



MSD E-CORE STYLE IGNITION COILS

MSD coils are for use with Capacitive Discharge ignition. The MSD unit feeds the coil with 460 to 630 volts, depending on the MSD unit you have. Do not leave the ignition on, with the engine stopped, as this can damage your coil. If you need to leave the ignition on, disconnect the coil fully. This type of coil can be mounted any way up, but best to keep away from direct exhaust heat.

BY8207 Blaster SS coil **£46.79**
Red- 40,000 volts, **300 ma max current**. Primary resistance .355 ohms, secondary 4.4k ohms. **Do not use with MSD digital 7, 8, or 10.**
BY8252 Blaster HVC coil **£135.53**
Blue & Black- 42,000 volts, **300 ma max current**. Primary resistance .02 ohms, secondary 1.38k ohms. **Use with all types of MSD6 & 7.** This coil is ok for long duration use, like Circuit racing.
BY8251 ProPower HVC coil **£134.18**
Red & black- 45,000 volts, **1.1 amps max current**. Primary resistance .04 ohms, secondary resistance 86 ohms. **Use only with MSD 7 & 8.**
BY8253 Blaster HVC II coil-U core **£T.O.**
Blue black- 44,000 volts, **450ma max current**. Prim res .16 ohms, sec res 630 ohms. Use with MSD 6 inc digital.



MSD IGNITION COILS

MSD coils are for use with Capacitive Discharge ignition. The MSD unit feeds the coil with 460 to 630 volts. Oil filled coils must be kept away from heat, particularly the exhaust. They are best mounted vertically. Do not leave the ignition on, with the engine stopped. This can cause an oil filled coil to explode. If you need to leave the ignition on, disconnect the coil fully.

BLASTER OIL FILLED ROUND COILS

Red- 45,000 volts, **140 ma max current**. Primary resistance .7ohms, secondary 4.5k ohms. Metal cannister style. [similar size to a Lucas round coil]. When used with an MSD no ballast resistor is required. When used with a points distributor you must use **BY8214** and **BY72390**, or the points will be burnt beyond use. [This assumes the wire from the ignition switch to the positive side of the coil is 12v.] **Do not use with 6 HVC professional, MSD digital 7, MSD8, MSD10.**



BY8202 Blaster 2 **£44.06**
BY8205 Blaster 2F Ford-horseshoe terminals ... **£45.06**
BY8223 Blaster 3 Has an extra tall tower **£47.41**
BY8222 Blaster High Vibration **£53.50**

COIL BRACKETS

Will accept coils up to 2.25" in diameter.



BYCB3 Plain coil bracket **£3.90**
BY8213 Chrome MSD bracket for round coils ... **£7.45**

MSD COIL WIRE RETAINER

This unit removes the possibility of your coil wire coming off during a race! Will not fit Blaster 3, and requires that you use a 90° degree boot. Shown fitted to coil, does not come with coil.



BY8217 Coil wire retainer **£18.78**

ProPower DRAG RACING COIL-MSD

MSD coils are for use with CD ignition. The MSD unit feeds the coil with 460 to 630 volts. Oil filled coils must be kept away from heat, particularly the exhaust. Best mounted vertically. Do not leave ignition on, with the engine stopped. Otherwise the coil can explode. If you need to leave the ignition on, disconnect the coil fully.

BY8201 ProPower Coil-red plastic **£132.79**
55,000 volts, **800ma max current**. Primary res .03 ohms, secondary 1k ohms. **Use only for drag racing- with MSD 7 [NOT Digital], & MSD8.**



- ACCESSORIES -
Electrical & Ignition

MSD CAPACITIVE DISCHARGE IGNITION

If you are improving your car's performance, don't forget the ignition system. It is often the last on the list, and sometimes overlooked altogether. In increasing the power of your engine, you are increasing the pressure in the cylinder. This is the environment that the spark plug has to "fire" in. If you are using a basic ignition system, then it may struggle to "light up" the spark plug. Particularly in the case of Turbo, Blower or Nitrous. If your engine starts to misfire at the end of the "straight", under duress, then maybe you need to look at your ignition system. An MSD unit feeds the coil with 435 to 630 volts, depending on the model. [not a good idea to connect your tach to the coil!] The power of the unit is measured in millijoules [mj] at the spark plug, with a particular coil, and spiral core leads. ["a bit like an arc welder"]. At rpm's below 3000, the duration of the spark is around 20 degrees, ensuring as near total combustion as possible. MSD will work on 4/6/8cyl. Not compatible with distributorless systems, unless stated.

BY5520 Streetfire CD ignition box £152.80
95mj, 435 volts to coil, 45,000 volts, 20° spark duration, 15,000rpm max @ 14.4 volts, 10-18v input req, .7amp per 1000rpm max draw. Built in rev limiter, adjust with dials. Data obtained using a BY8202 Blaster coil.



BY6421 6AL-2 CD ignition box £300.83
135mj, 535 volts to coil, 45,000 volts, 20° spark duration, 12,500rpm max @ 14.4 volts, 12-18v input req, .7amp per 1000rpm max draw. Built in rev limiters [2], one for high rpm, and one for launching the car, adjust with dials. Data obtained using a Blaster HVC II coil. [8253].



BY6425 Digital-6AL CD ignition box ... £260.74
135-145mj per spark, 520-540 volts to coil, 45,000 volts, 20° of crank duration-spark duration, 15,000rpm max @ 14.4 volts, 12-18v input req, .7amp per 1000rpm max draw. Built in adjustable rev limiter, Data obtained using a ? coil.



BY6430 6ALN CD ignition box £332.35
Data for this box is the same as the BY6420. This unit also has Nascar approved 6 pin weathertight connectors. The CD circuits are encased in a clear 2 part silicone elastomer for the ultimate in vibration protection. Commonly used for circuit racing.



BY6560M 6M-2 Marine CD box £367.74
Data for this box is the same as the BY6420. This unit has weathertight connectors with multi-rib seals to keep out moisture. The internal electrical circuitry is potted in a Ciba polyurethane compound. the purpose of this is to keep water & other chemicals away from the internal circuitry. Has a built in rev-limiter.



BY6462 6BTM CD ignition box £482.64
Data for this box is the same as the BY6420. This unit is ideal for engines with a Turbo or Supercharger. It has a built in boost sensor that you can connect up to your engine. The timing can be adjusted from 0° per pound of boost, to 3° per pound of boost. [max 15°]. This can help you to avoid detonation.



BY6520 Digital-6 Plus CD ignition box £434.93
135mj, 535 volts to coil, 45,000 volts, 20° spark duration, 12,500rpm max @ 14.4 volts, 12-18v input req, .7 amp per 1000rpm max draw. Data obtained using a BY8252 Blaster HVC coil. Built in rev limiters [2], one for high rpm & one for launching the car, adjust with dials. Also features a single stage of retard. A diagnostic LED is also built in.



BY7222 7AL-2 Plus CD ignition box £518.22
160mj, 570 volts to coil, 47,000 volts, 20° spark duration, 14,000rpm max @ 14.4 volts, 12-18v input req, 1 amp per 1000rpm max draw. Data obtained using a BY8201 Pro-Power coil. This unit has a built in two step rev control, and a troubleshooting LED.



BY7230 7AL-3 CD ig' box V8 only £692.26
160mj, 570 volts to coil, 50,000 volts, 20° spark duration, 14,000rpm max @ 14.4 volts, 12-18v input req, 1 amp per 1000rpm max draw. Data obtained using a BY8201 Pro-Power coil. This unit has a built in three step rev control- for burnout, launch & race rpm. A multi-step retard is fitted which provides up to 20 degrees of retard that can be activated in 4 stages. A rpm activated switch is fitted which can activate a shift light or solenoid etc. There is a retard function for engines with a locked distributor, this removes 25 degrees of advance, to make starting easier.



MSD DISTRIBUTORLESS C.D. BOXES

BY6212 DIS-2 Programmable CD box . £335.16
190mj, 500 volts to coil, 50,000 volts with Blaster coils, 20° spark duration, 12,500rpm max @ 14.4 volts, 12-18v input req, 8amp draw at 10,000rpm. Programmable from a P.C.- Alter individual cylinder timing, programme a separate timing curve just for the launch. For turbo or supercharged applications, an optional map sensor can be installed so you can control the ignition timing in relation to boost pressure. Three stages of retard can be activated by either rpm, or an activation wire. You can programme a different rpm shift point for each gear, as well as a retard for every gear change. There are three rpm limiters- 1 for the burnout, one for the holeshot & one for the max rpm. Designed for 4 cyl engines with 1 or 2 coil packs - for distributorless wasted spark systems.



BY62111 DIS-2 HO CD ignition box £248.88
170mj, 470 volts to coil, 43,000 volts with stock coil, 20° spark duration, 14,000rpm max @ 14.4 volts, 12-18v input req, 5.3amp draw at 10,000rpm. This unit has 2 adjustable rev limits, a high speed timing adjustment, a diagnostic LED, and an ignition interrupt circuit. Designed for 4 cyl engines with 2 coil packs- for distributorless wasted spark systems. Can use BY8230 Blaster coils.



BY62151 DIS-4 HO CD ignition box £255.20
Data for this box is the same as BY62111 except for the current draw which is 10amps at 10,000rpm. Designed for 6 or 8 cyl engines with 2, 3, or 4 coil packs- for distributorless wasted spark systems. Can use BY8230 Blaster coils.



MSD 6LS IGNITION CONTROLLER

The 24 tooth crank trigger wheel can normally be identified by its black harness connector. This unit is designed to plug into factory components where a carb has been fitted in place of the EFI. With this unit you can map a timing curve, programme a 2 step rev limiter, map a vacuum advance curve, & step retard. Programmable via a PC.



BY6010 LS1 & LS6 24 tooth controller £234.22

MSD BOOST CONTROLS

This unit has a built in inductive ignition to boost your spark, & it allows you to retard your ignition in relation to boost pressure. You can adjust the dash mounted control to give 1°-3° per pound of boost, up to a max of 15°. You can also set a boost pressure point to start the retard. Works with most single coil factory or after market ignition amplifiers & points type distributors.



BY5462 Universal boost timing master £294.30

- ACCESSORIES -
Electrical & Ignition

ADJUSTABLE TIMING CONTROL

The timing can be altered by up to 15° with a dash adjustable knob. The BY8680 requires an MSD 6/7 to run, and has a dash adjustable timing feature. These units can be used for NOS or to stop detonation with poor fuel or at altitude.

BY8680 Adjustable timing control **£173.58**



START-RETARD CONTROL

If your engine has a fixed distributor with no centrifugal advance, then this unit will make it easier to start the engine. You can choose either 10° or 25° of retard during cranking only. There is also a single stage of retard built in. Comes with 2°, 3°, 4°, modules. Must be used with an MSD 6/7.

BY8982 Start-retard control **£143.40**



MSD DIGITAL MULTI RETARD

This unit has 4 stages of retard, that can be used separately or all together, with a max of 20°. There is also a start retard circuit that can be programmed to retard the timing 5°, 10°, 15°, or 20° during cranking. The unit also has a magnetic pickup compensation circuit built in to allow for rock steady timing with a variety of pickups. Requires an MSD 6/7 to run.

BY8975 Digital multi retard **£259.50**



SOFT TOUCH REV CONTROL

This unit can be used on a std type ignition, points or factory electronic ignition (not C.D.) Supplied with 6,000-7,000-8,000 chips, with others available. With your foot flat on the floor, this limiter will hold your engine smoothly at the rpm value on the chip. Must be used with spiral core plugs leads.

BY8728 Rev limiter not for MSD **£140.78**



3 STEP MODULE SELECTOR

This box gives the option of up to 3 rev limits from an rpm socket in an MSD 6/7. Each "step" is activated by applying 12v to the appropriate wire. For example- with a 3 step, you could use it for rpm limits for- burn out, holeshot, and the engine max rpm limit.

BY8737 3 step module selector **£87.01**



LAUNCH CONTROL MODULE SELECTOR

This 3 step module, has an adjustable low rpm stage, that can be adjusted from the drivers seat. This way, you can adjust for changing track conditions while you are waiting. The other 2 steps require modules. No modules are supplied. Must be used with an MSD 6/7.

BY8735 In-car launch control **£128.40**



DIGITAL RPM WINDOW SWITCH

This unit can turn a circuit on, and also off at a different rpm. It does not need chips, it is programmed through the led display. It has 2 outputs, one normally open, and one normally closed. It will work with most ignitions including regular coil, coil per cylinder ignition, coil packs etc.

BY8969 RPM window switch **£153.40**



TACH SIGNAL GMR PICK-UP

This clever device can be clipped onto various wires, and then supply a tach or shift lite 12v rpm signal. eg: attach to- diesel injector wire, coil on plug petrol engine, attach this to one of the coils primary circuit wires.

BY8918 Signal converter for tach **£49.91**



DIS RPM ACTIVATED WINDOW SWITCH

This switch is for distributorless cars. It taps into one of the coils negative wires. Then you can select the rpm to activate, & deactivate using MSD chips. There are 2 activation wires, one to provide an earth, and the other to remove an earth. Circuits are rated at 1.5amps, so you may need to use a relay.

BY89561 DIS rpm window switch **£60.00**



MSD RPM CHIP SETS

BY8677 Low rpm adjustable 1-3,000 **£23.36**

Each kit below, provides 5 modules within a range of 800rpm. These work with all MSD products that require a plug in rpm chip. They increment in 200rpm steps.

- BY8743** 3000-3800rpm **£30.35**
- BY8744** 4000-4800rpm **£30.35**
- BY8745** 5000-5800rpm **£31.39**
- BY87451** 5100-5900rpm **£20.53**
- BY8746** 6000-6800rpm **£30.32**
- BY87461** 6100-6900rpm **£30.35**
- BY8747** 7000-7800rpm **£30.35**
- BY87471** 7100-7900rpm **£30.66**
- BY8748** 8000-8800rpm **£31.69**
- BY8749** 9000-9800rpm **£30.05**
- BY8750** 10,000-10,800rpm **£30.35**



RPM MODULE SELECTORS

Plugs into the rpm module socket. Allows selection of up to 12 different rpm limits in 200rpm increments by turning a knob.

BY8670 3,000- 5,200rpm **£63.30**
BY8671 4,600- 6,800rpm **£63.35**
BY8672 6,000- 8,200rpm **£63.35**



MSD RETARD MODULES

BY8776 is a pack of chips to plug into any MSD retard module socket. BY8676 is a control box where you can select the module required with a knob. this plugs into the same socket.

BY8776 5°,6°,7°,8°,9° & 10° chips **£19.56**
BY8676 0°-11° in 1° increments with a knob **£63.30**



- ACCESSORIES -
Electrical & Ignition

MSD TACHO-FUEL INJECTION ADAPTORS

See tacho adapter section of MSD catalogue for a better description of use. These are "amplifiers" where the tacho or ECU cannot pick up the MSD rpm signal, as they cannot "hear" it.

- BY8910** Points or amplifier [white wire] **£44.51**
- BY8920** Magnetic trigger [green&violet] **£66.76**
- BY8910EIS** Electronic non-ballast systems **£52.08**



UNIVERSAL CRANK TRIGGER KIT

This semi-finished kit gives you a head start to making a crank trigger kit for your engine. This system will trigger MSD 6/7 and all MSD timing accessories.

- BY8655** 7" wheel for- 4-6-8-10-12cyl **£312.50**



KNOCK ALERT

The most dangerous condition in an engine is detonation or "pinking". It can cause serious damage to pistons, con-rods, rings, big-end bearings etc. This device is easy to fit, and it will warn you both visually and with a beep. The volume of the beep is adjustable. the volume increases as the detonation gets worse. Works on 4/6/8 cyls.

- BY8964** Knock alert **£271.26**



"NOISE" FILTER WITH COVER

If you experience radio interference after fitting your MSD, you may need to use this filter on the heavy MSD supply wires. Also, this filter can prevent damage to your MSD when the vehicle is being jump started, & it will help keep a "clean" 12v line to prevent interference with other MSD accessories.

- BY8830** "Noise" filter **£36.46**



MSD SHIELDED MAGNETIC LEAD

This lead will help protect the trigger signal from the distributor or crank trigger pickup from Electro Magnetic Interference. The harness is 6ft long & is fitted with matching 2 pin connectors.

- BY8862** Shielded magnetic lead **£27.11**



MSD UNIVERSAL HARNESS-LATE

This harness comes with special Perma-seal connectors that you install in your existing wiring to produce a plug in installation.

- BY8873** Universal harness-late **£18.42**



DUAL CHANNEL IGNITION ADAPTER

In some instances when you install an MSD ignition, the factory ECU may not be able to "hear" when the coil fires. This is also the signal for the tachometer and the fuel injection. This adaptor simulates the original coil trigger signal allowing the ECU to do its job with an MSD DIS ignition box installed. DIS2 will need 1 adaptor and DIS4 will need 2.

- BY8912** DIS ignition adapter **£36.88**



MSD TACHO CONVERTER

This adaptor can be used with an MSD Pro-Mag, to enable the use of a regular tachometer. It is also required in some installations of Holley Projection where there is an interference running problem, where the rpm signal is not coming from an MSD box.

- BY8132** Tacho converter **£75.62**



SERVICE PARTS FOR MALLORY DISTRIBUTORS

- BY25042X** Performance dual points **£14.15 ea**
- BY400** Condensor 23/25 series-non vac **£7.28**
- BY401** Condensor 27 series-vac **£8.33**
- BY309** Rotor arm 23/25/50 series **£7.28**
- BY310** Rotor arm 27/57 series **£7.28**
- BY335** Rotor arm 37 series Unilite **£12.49**
- BY322** Rotor arm 47 series Unilite **£14.57**
- BY307M** Rotor arm 42 series Magnetic **£9.36**
- BY29792** Rotor arm for **BYAJG780** distrib **£23.26**
- BY270** Cap 6 cyl **£24.97**
- BY209** Cap 8 cyl socket type [not 42 series] **£22.90**
- BY209D** Cap 8cyl Marine-Blue **£28.86**
- BY208M** Cap 8 cyl male type 42 series **£36.19**
- BY205M** Cap 8 cyl for **BYAJG780** distrib **£66.20**
- BY29332** Vacuum chamber **£32.58**
- BY28085A** Carbon tip for cap **£7.27**
- BY29318** Clips for cap **£19.32 pr**
- BY45867** Screw for points **£1.08 ea**
- BY6100M** Module for conversion kit **£45.24**
- BY605** Module for Unilite distribs **£83.28**
- BY609** Module for Magnetic distribs **£90.50**



ACTIVE POWER FILTER

This unit which is just a simple plug in fit, is designed to try and prevent voltage "spikes" from damaging the Mallory distributor module. Spikes can be caused by worn or dirty alternator brushes, corroded or oxidized electrical connections, etc.

- BY29371** Electrical "spike" filter **£44.80**



POINTS & CONDENSOR KIT

- BY8328** Model 34, 32oz spring **£48.68**
- BY8329** Model 37, 48oz spring **£42.44**
- BY8104** 32oz for BY49106 distributor **£25.80**
- BY8201A** Street type-BY49206 distributor **£14.33**
- BY8203** 32oz for BY49206 distributor **£33.94**



CAP & ROTOR KITS

Cap is a beige to light brown colour

- BY8320** Model 34 distributor **£29.52**
- BY8330** Model 37 distributor **£41.80**
- BY8120A** For BY49106 distributor **£19.72**
- BY8220** For BY49206 distributor **£26.20**



MALLORY TUNING KIT FOR ADVANCE

This kit is for YT & YH advance versions. Comes with a variety of advance springs and setting keys. Fits 42 series, and distribs with "bend tag" style of advance adjustment.

- BY29014** Advance curve kit **£31.67**



- ACCESSORIES -
Electrical & Ignition
Miscellaneous Items

SUPER DUTY HIGH ENERGY CAP



This kit features- spark plug type terminals with a screw down cap to keep leads firmly in place, screw down distributor cap, larger contact terminals, counterbalanced ribbed rotor, thermoplastic materials for high dielectric strength. Can use BYAJG410 conversion for plug lead end, push-in to push-on spark plug type.



- BY29507** 25/26 non vac models **£41.99**
- BY29508** 27 vacuum model **£42.44**

SERVICE PARTS FOR MSD DISTRIBUTORS

- BY8467** Rotor-see specific applications **£13.78**
- BY8423** Rotor-BY8582/8584/85805/8580 **£18.74**
- BY8457** Rotor-BY8379/8378/8377 **£28.37**
- BY8410** Rotor- Street-fire HEI **£6.98**



- BY8433** Cap- male spark plug type terminals... **£31.97**
Fitment for BY8433= AZ8548/BY8594/BY8551/BY8361
- BY8408** Cap- Ford style large diameter **£29.27**
Fitment for BY8408= BY8582/8584/85805/8580/8378/8379/8377
- BY8431** Cap- small diameter cap **£31.99**
Fitment for BY8431= BY8579/8578/8577/8479/8478/8477/8570
- BY8411** Cap- Street-fire HEI **£25.76**
- BY8565** Cap- Marine BY8560 **£37.45**



- BY8464** Spare set of springs & bushes **£15.20**
This kit [BY8464] enables you to change the centrifugal advance curve



- BY84661** Magnetic pickup assembly **£25.09**
All MSD billet & Pro-billet distributors. [NOT ready to run]

VACUUM ADVANCE ACCESSORIES



- CX3780** Straight connector **£1.82**
- CX3785** 90° connector **£2.28**
- CX3790** Small bore hose **£5.51/mtr**

MSD CAP-A-DAPT KITS

This kit enables fitting of the large Ford type cap onto your MSD distributor. This spaces the terminals further apart to reduce the chances of cross fire. Spark plug type terminals are used. The adj' rotor can be useful if you are using a multi-step retard or a timing controller, enabling you to adjust rotor tip to cap terminal alignment. Fits most MSD Pro-billet distribs, but NOT BY8594.



- BY8445** Fixed rotor **£33.89**
- BY8420** Adjustable rotor **£57.02**

MSD ADJUSTABLE RACE ROTOR

This rotor arm can correct any issues you may have with the rotor phasing, which can surface if you are using- EFL, or MSD multi-step retards or timing controllers. Can be advanced or retarded up to a max of 20°. Fits most distributors that use a BY8433 cap.



- BY8421** Adjustable rotor [repl BY8467] **£29.78**

Miscellaneous

OIL DRAIN PAN



- BYOP-1** 7.5 US qt plastic pan **£3.59**

BAG OF RAGS

Ideal for polishing etc



- BY2-254** 8oz per bag **£3.22**

LATEX GLOVES

Box of 100



- BY23004** Medium size **£9.78**
- BY23005** Large size **£10.21**



VACUUM CANNISTER

Give yourself a bit of reserve vacuum for your brakes



- BY5200** Vacuum cannister **£62.36**

1/32" [.031"] FIBRE GASKET MATERIAL

If you get stuck, you can make up your own gasket



- BY963C** Fibre gasket material **£3.66**

NITROSEAL EXHAUST GASKET MATERIAL

Nitro Seal is a very high quality material able to cope with high exhaust temperatures. Comes in a sheet approximately- 36" x 10.5" x .077".



- BYJV314SG** Exhaust gasket material **£27.40**

- ACCESSORIES -
Miscellaneous Items
Race Parts

CHROME SERVO FITTING

Screws into inlet manifold. For 3/8" hose.



BYAJG735 90 chrome servo fitting- 3/8" npt... **£11.54**

TRAILER HOLD DOWNS

Secure items on your trailer, or in the back of your pickup, with this ingenious idea.



BY3375MG Trailer hold downs **£30.80**

ARP STAINLESS 1/4" UNC 12pt BOLTS

These bolts are made from the ARP300 specially alloyed stainless steel material. they are rated at 170,000psi tensile strength. Washers are included.



BY611-0750 3/4" long	£2.08
BY611-1000 1" long	£2.11
BY611-1250 1.25" long	£2.24
BY611-1500 1.50" long	£2.89
BY611-1750 1.75" long	£3.41
BY611-2000 2.0" long	£3.46
BY611-2250 2.25" long	£3.05
BY611-2500 2.50" long	£3.10
BY611-2750 2.75" long	£3.38
BY611-3000 3.00" long	£3.68
BY611-3250 3.25" long	£3.74
BY611-3500 3.50" long	£3.82



ARP STAINLESS 5/16" UNC 12pt BOLTS

These bolts are made from the ARP300 specially alloyed stainless steel material. they are rated at 170,000psi tensile strength. Washers are included.



BY612-0750 3/4" long	£2.33ea
BY612-1000 1" long	£2.52ea
BY612-1250 1.25" long	£2.58ea
BY612-1500 1.50" long	£3.52ea
BY612-1750 1.75" long	£3.74ea
BY612-2000 2.0" long	£3.83ea
BY612-2250 2.25" long	£3.78ea
BY612-2500 2.50" long	£3.86ea
BY612-2750 2.75" long	£4.14ea
BY612-3000 3.00" long	£4.04ea
BY612-3250 3.25" long	£4.06ea
BY612-3500 3.50" long	£4.42ea
BY612-3750 3.75" long	£4.50ea
BY612-4000 4.00" long	£4.36ea
BY612-4250 4.25" long	£3.64ea
BY612-4500 4.50" long	£4.88ea
BY612-4750 4.75" long	£5.08ea
BY612-5000 5.00" long	£4.79ea



ARP STAINLESS 3/8" UNC 12pt BOLTS

These bolts are made from the ARP300 specially alloyed stainless steel material. they are rated at 170,000psi tensile strength. Washers are included.



BY613-0750 3/4" long	£2.60ea
BY613-1000 1" long	£2.74ea
BY613-1250 1.25" long	£2.88ea
BY613-1500 1.50" long	£3.50ea
BY613-1750 1.75" long	£3.83ea
BY613-2000 2.0" long	£3.98ea
BY613-2250 2.25" long	£4.57ea
BY613-2500 2.50" long	£4.50ea
BY613-2750 2.75" long	£4.42ea
BY613-3000 3.00" long	£4.86ea
BY613-3250 3.25" long	£4.70ea
BY613-3500 3.50" long	£5.09ea
BY613-3750 3.75" long	£4.98ea
BY613-4000 4.00" long	£5.63ea
BY613-4250 4.25" long	£5.32ea
BY613-4500 4.50" long	£5.45ea
BY613-4750 4.75" long	£5.50ea



Race Parts

MOROSO INSULATING HEADER WRAP

Made from a silica based formula that contains no asbestos. Prevents starter motor, starter wiring and plug leads from getting burnt. Reduces under bonnet temperatures. Increases exhaust cycle efficiency.



BY80808 2" x 1/16" x 50ft roll **£47.33**
BY80807 2" x 1/16" x 100ft roll **£85.15**

LOW PRESSURE TYRE GAUGE

Features a large 2-5/8" face, in half pounds increments. Accurate within 2%. The hardened swivel connector rotates 360 degrees. A finger operated air bleed valve allows quick release of pressure.



BY89550 0-15 psi tyre gauge **£36.30**
BY89590 Rubber cover for gauge **£5.87**

BATTERY DISCONNECT SWITCH

Easy to install. A quick twist of the knob shuts off all electrical current. This is a heavy duty switch capable of handling 175 amps, @ 6-36v DC. Complete with label.



BY74101 Disconnect switch **£35.57**

OIL ACCUMULATORS & PARTS

Designed to provide a supply of oil to the engine should the normal engine oil pressure drop below the pressure of the oil in the accumulator. This temporary loss of oil pressure can occur in various situations, but a long corner like Clearways at Brands Hatch is a good candidate.



BY23900 Accumulator- 511mm x 108mm	£172.73
Above unit holds 3 US quarts, or approx 3 litres	
BY23901 Accumulator- 254mm x 108mm	£191.36
Above unit holds 1.5 US quarts, or approx 1.5 litres	
BY23920 Mounts for accumulator	£24.94
BY23905 Electric solenoid valve 12v 1/2" npt	£94.92
Allows remote control of fluid flow from the driver's seat. Has 1/2" female npt ports. 1/2" npr male nipple, toggle switch & wire included	
BY23875 Oil check valve one-way	£22.10
1/2" npt to 1/2" npt both ends. For prevention of oil drain-back	



- ACCESSORIES -
Race Parts-Tools

LINE LOCK KIT

Mainly used in drag racing to lock the front wheels, to hold the car in a burnout. Also to prevent creeping at the lights. Complete with valve, push button switch & bracket, coiled wire and a light.

- BY44050 Electric line lock £100.61
- BY43026 Tee union £4.67
- BY43225 Male union inv' flare 3/16" pipe £2.05
- BY43226 Male union inv' flare 1/4" pipe £2.39



MOROSO CRANKCASE EVACUATION KIT

Use this system to maintain a negative pressure in the engine. The results are increased piston ring seal, reduced intake charge contamination, & fewer oil leaks caused by high crankcase pressure.

- BY25900 Evac' kit for use on headers £55.43
- BY97800 Replacement check valve £18.42



MOROSO ENGINE MAGNET KIT

This kit is complete with an epoxy. Glue the magnets in strategic places around your engine, & use a magnetic sump plug. If it comes out covered in a metallic "furr", something is failing and you need to strip down your engine. The magnets hold onto the filings, which can help minimize damage in other areas.

- BY22710 Engine magnet kit [8] £17.99



BOOT MOUNTED BATTERY INSTALLATION KIT

Includes an orange plastic battery case, retaining strap, battery hold-down & brackets, 20ft of copper core battery cable, 4 lugs, a pair of cable ends and related hardware. 13-1/2" x 8" x 10".

- BY6279 For std battery up to 12" long £100.40



MOROSO SWITCH PANEL LABELS

Switch panel labels- Ign, Start, Water, Fuel, Fan, Lights, Acc, Rear, Nitrous, Ignition, Starter, Water Pump, Fuel pump, Radiator Fan, Lights, Accessory, Rear End Cooler, Nitrous Oxide.



- BY97542 Labels as above £7.60

MOROSO DEEP GROOVE ALTERNATOR PULLEY

This pulley slows down the alternator on a high revving engine. this reduces wear in the alternator, and cuts down on drag, thereby using less horsepower. It also helps reduce the chance of the fan belt being thrown off.

- BY64800 GM & Ford, 1 groove 5" £29.52



MOROSO SWITCH PANEL

Includes starter button & 5 on/off switches. Power indicator lights & front mounted fuses are a useful feature. Switches are rated at 12 volts & 20 amps. Heavy duty starter button, is water proof & dust proof. Rated at 12 volts- 35amps. Complete with labels. Black anodized finish.

- BY74131 Drag race- 4" x 7-3/4" £77.93



VALVE SPRING SHIMS- packs of 16

Shim up your valve springs to the correct fitted length.

----- Thickness -- I.D. ----- O.D.	
BY4736-16 .015" ----- .814" ----- 1.250"	£9.01
BY4742-16 .030" ----- .814" ----- 1.250"	£9.16
BY4748-16 .060" ----- .814" ----- 1.250"	£9.01
BY4737-16 .015" ----- .645" ----- 1.437"	£9.01
BY4743-16 .030" ----- .645" ----- 1.437"	£9.01
BY4749-16 .060" ----- .645" ----- 1.437"	£9.01
BY4738-16 .015" ----- .765" ----- 1.480"	£8.58
BY4744-16 .030" ----- .765" ----- 1.480"	£8.66
BY4750-16 .060" ----- .765" ----- 1.480"	£8.58
BY4740-16 .015" ----- .635" ----- 1.640"	£10.61
BY4746-16 .030" ----- .635" ----- 1.640"	£9.16
BY4752-16 .060" ----- .635" ----- 1.640"	£9.16
BY4739-16 .015" ----- .645" ----- 1.500"	£9.01
BY4745-16 .030" ----- .645" ----- 1.500"	£8.58
BY4751-16 .060" ----- .645" ----- 1.500"	£9.01



COMP CAMS-VALVE SPRING LOCATORS

Use these to stop the valve spring "chewing" into the head platform, & spreading metal around the engine. Mainly used in high performance applications. The shims can be installed under the locators. Locators are hardened.

----- Locator ----- Spring	
----- Thick I.D. --- O.D. --- O.D.	
BY4704-16 --- .060" - .640" -- 1.57" --- 1.475" -----	£37.31
BY4700-16 --- .060" - .640" -- 1.67" --- 1.565" -----	£38.46
----- Locator ----- Spring	
----- Thick I.D. --- O.D. --- I.D.	
BY4693-16 --- .060" - .570" -- 1.30" --- .800" -----	£26.63
This part BY4693-16 is designed for "Beehive" springs	
BY4784-16 --- .060" - .570" -- 1.50" --- .735" -----	£36.40
BY4771-16 --- .060" - .570" -- 1.55" --- .690" -----	£35.38
BY4691-16 --- .060" - .570" -- 1.55" --- .750" -----	£68.44
BY4785-16 --- .060" - .570" -- 1.55" --- .810" -----	£33.67
BY4770-16 --- .060" - .585" -- 1.50" --- .690" -----	£33.70
BY4783-16 - .060" .630" -- 1.55" -- .690" -----	£35.32



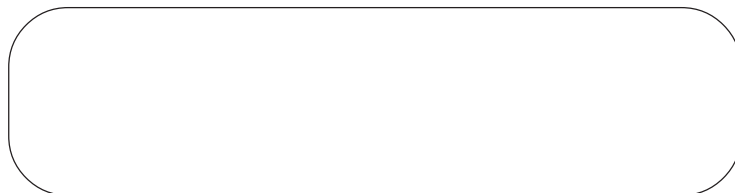
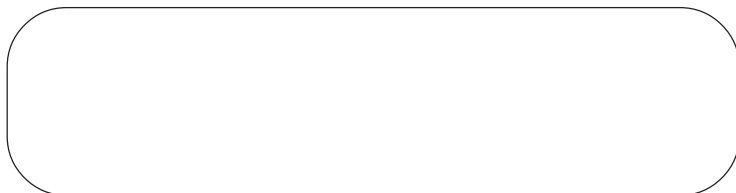
CHAMPION RACING SPARK PLUGS

"V" prefix spark plugs are for taper seat sealing, normally in a cast iron head. They have a .460" reach, and do not have a sealing washer. Plugs with a "C" prefix have a .750" reach, and do have a sealing washer. Plugs with a "C" suffix have an external earth electrode like a normal spark plug. Plugs with an "R" suffix have a retracted nose, where the earth electrode is down inside the spark plug. retracted nose can be safer for Racing with Blowers, Turbos, Nitrous. As the numbers get smaller, the spark plug becomes "colder", and will withstand more heat. There is a lighted magnifier in the tools section for inspecting plugs. In most cases you will need capacitive discharge ignition to fire these plugs, particularly at lower speeds.

- BYV59C Taper seat £4.86
- BYV57C Taper seat £4.86
- BYC59C Has a washer £4.99
- BYC57C Has a washer £4.97
- BYC59R Has a washer & retracted nose £8.53
- BYC57R Has a washer & retracted nose £6.79
- BYC55R Has a washer & retracted nose £7.14



- ACCESSORIES -
Race Parts & Tools



Tools

PISTON RING INSTALL/REMOVE TOOL

Use this tool to aid in the removal and replacement of piston rings. Remember to get the rings up to approximately 70 degrees first, or they could crack or break.



BYMT-2 Piston ring tool- 2.5" - 6.25" rings **£17.03**

PLASTIGAUGE

Use this product to quickly check main & big-end clearances



BYSPG1 .001" - .003" clearance **£1.69**
BYPG-RED .002" - .006" clearance **£1.80**

ENGINE LIFT PLATE

Bolt this plate on your inlet manifold to make moving your engine about, much easier. Also, while in storage, the plate prevents contamination of any kind getting into your engine.



BY62670 Engine lift plate **£25.04**

COMPETITION CAMS PUSHROD LENGTH CHECKERS

Use a length checker to ensure your engine has the correct length pushrods & therefore the correct valve gear geometry



BY7701-1 P/rod checker 5.8"-6.8" **£19.86**
BY7702-1 P/rod checker 6.8"-7.8" **£19.86**
BY7703-1 P/rod checker 7.8"-8.8" **£19.86**
BY7704-1 P/rod checker 8.8"-9.8" **£19.86**

BOOTS FOR CONROD BOLTS

Prevent damage to your crankshaft journals, from the ends of the big-end bolts.



BY2800B1 Boots for c/rod bolts **£1.13**

CYLINDER HEAD TOOLS

Tools to machine the top of the valve-guide boss, for a reduced diameter stem seal, and to machine down the rocker stud boss for screw in studs.



BY4732 11/32" spindle for BY4715/4726 **£13.72**
BY4734 3/8" spindle for BY4715/4726 **£16.27**
BY4715 Cutter for .500" seal- needs spindle **£65.90**
BY4726 Cutter for .530" seal- needs spindle **£44.44**
BY4729 Cuts down boss for screw in stud **£53.77**

VALVE SPRING HEIGHT MICROMETERS

This tool enables you to accurately check your valve spring height. This is very important relative to your spring having enough room to move, even at full lift. Otherwise serious damage will take place.



BY4928 Measuring range 1.4"-1.8" **£72.55**
BY4929 Measuring range 1.6"-2.1" **£81.64**

CYLINDER LEAKDOWN TESTER

This tool is used to determine wear in the piston/ring, valve/guide area, without having to dismantle the engine. If the engine is tested after each race weekend, a check can be kept on when next to strip it down.



BY89600 Cylinder leak-down tester **£106.10**

11" DEGREE WHEEL

For accurately measuring different timing functions in your engine. eg: camshaft centreline, valve timing, TDC, BDC, etc. Marked in 1 degree increments. Adaptor included to fit most engines.



BY62190 11" degree wheel **£31.25**

CHAMBER C.C. MEASURING KIT

This kit comes complete with a 100cc measuring flask, heavy duty acrylic sealing plate for the head & instructions.



BY4975 Chamber "cc" kit **£34.15**

STRETCH GAUGE

A stretch gauge accurately shows when proper stretch is attained on your con-rod bolts. This is more accurate, & will help to avoid premature failure of your con-rod bolts.



BYPOW101300 Stretch gauge-conrod bolts **£122.94**

VALVE SPRING COMPRESSOR

The BY5333 is very heavy duty construction, to cope with high poundage roller valve springs.



BY5333 Use with head removed **£170.42**

Moroso Adjustable Coil Over Spanner

This spanner is used to adjust the coil spring platforms on your coil overs.



BY62030 Coil over spanner **£22.78**

VALVE SPRING COMPRESSOR

Can be used on stud mounted rocker gear. Supplied with 3/8" & 7/16" adaptors. Heavy duty construction.



BY62370 Use with head fitted **£90.31**

- ACCESSORIES -
Tools

SPARK PLUG GAP GAUGE

Round taper gauge adjusts spark plug gap from .020" to .100".



BY3236 Spark plug gap tool **£1.94**

MCLEOD CLUTCH SPLINE ALIGNMENT TOOL

Use for easier alignment of the gearbox spline into the clutch plates.

- BY105301** 1-1/8" 10 spline mainly Chevy **£5.47**
- BY105304** 1-1/16" 10 spline mainly Ford **£4.78**
- BY105313** 1-1/8" 26 spline mainly Chevy **£5.47**
- BY105313F** 1-1/8" 26 spline- Ford pilot .670" **£5.41**
- BY105313M** 1-1/8" 26 spline Mopar pilot .750" **£5.15**



MOROSO LIGHTED MAGNIFIER

Ideal for checking spark plugs or other small parts at the track.



BY62347 Lighted magnifier **£66.78**

VALVE CHECKING SPRINGS

These springs can be installed by hand & greatly simplify the task of cam degreasing, checking valve to piston clearance etc. Sold as a set of 8.



BY62380 Checking springs **£11.81**

STAINLESS LOCKING WIRE

Made of .032" diameter stainless wire. Comes in a 1lb container.



BY62280 Locking wire **£23.14**

HOLLEY JET REMOVER TOOL

Makes jets easy to remove, without burring the edges & altering the hole with a screw driver.



BY62293 Holley jet remover **£11.29**

HARMONIC BALANCER TOOLS

A Chevrolet crankshaft nose is tapered. This makes the proper removal of the damper, and the installation, next to impossible without the use of these tools.



- BY61740** Installer for SBC 7/16" unf **£41.811**
- BY61744** Installr-7/16"-1/2"-5/8"-3/4" unf **£64.91**
- BYHBP-1** Remover **£19.99**

ENGINE GALLERY CLEANING BRUSHES

It is very important that your cylinder block is spotlessly clean. These brushes enable easier cleaning of the oil galleries, where sediment & contamination can collect. Otherwise, when the engine warms up, it will start circulating anything left in the oil galleries, with possible damage to bearings etc.



BY61820 Gallery cleaning brushes **£29.22**

ENGINE STAND

Four wheeled stand, with a maximum load capability of 1,000lbs.



BYES1000 1,000 lb engine stand **£80.28**

**HOT ROD CALC [Mr Gasket]
Street & Strip Performance Calculator**

The world's first ET calculator with built in engine building & performance solutions. At the track, calculate how temperature, elevation, pressure & moisture will affect your times. In the garage, or down the pub, instantly calculate how changes in your car's engine & fuel system will affect performance. Calculate & see the effect of- Tyre ratio, gear ratio, amount to machine heads, engine displacement, compression ratio, bore, piston speed, track conditions, ET, weight, MPH, volumetric efficiency, carb size, horsepower, torque, RPM, stroke. This calculator also has built in conversions between US & Metric units for fluids, weight, temperature, torque & speed. Ideal for- Engine builders, bracket racers, hot-rod owners, car & truck enthusiasts.



BY8703 Performance calculator **£68.93**

MOROSO ANGLE FINDER & LEVEL

This is a handy tool for measuring pinion angles. It can also be used to measure tube angles, sheet metal work or general repairs. Accurate to within half of 1 degree.



BY5020 Angle finder **£21.44**

PISTON RING GRINDING TOOL

If your piston rings need filing on the ends, this is one way to keep the ends square and control how much you are taking off.



- BY41833** Tool & wheel **£109.72**
- BY41817** Spare wheel **£30.13**

PISTON RING INSTALLATION SLEEVES

These tools are far easier to use than an adjustable clamp, that can spring open at the wrong moment, or cause you to cut your fingers on the sharp edges.

- DW3520** For 3.520" bore **£46.02**
- BYAJG845** For 4.000" bore **£42.36**
- BYAJG850** For 4.030" bore **£31.12**
- BYAJG855** For 4.040" bore **£42.36**
- BYAJG860** For 4.060" bore **£34.49**
- BYAJG865** For 4.125" bore **£40.72**
- BY40008** For 4.155" bore **£41.94**
- BYAJG870** For 4.280" bore **£34.49**



MOROSO POWER SPEED CALCULATOR

Using tyre diameter & final drive ratio, the calculator works out the relationship between rpm and speed. It can also be used to work out your e.t. On the back, engine displacement & compression can be worked out. A very handy easy to use tool, for the winning racer.



BY89650 Power-speed calculator **£9.92**

PLUG LEAD CRIMPING TOOL

Cut & strip wire, crimp solderless terminals & crimp both straight & 90 degree spark plug wire ends. A must for every car enthusiasts toolbox.



- BY29085** Good value **£21.86**
- BY62260** Moroso version- better quality results . **£32.94**

PLUG LEAD SMALL TOOLS

Some plug leads are semi-finished, ie; they are not cut to the correct length, and the ends are not fitted at the distributor end. These tools can help in the job of finishing them off.



- BY62270** HT lead stripping tool- 8mm **£4.96**
- BY3503** HT lead crimping tool- 8-8.5mm ... **£7.69**

- ACCESSORIES -
Tools and Exhaust

VACUUM & FUEL PUMP TESTER

An easy to use tool, to enable a quick check to be carried out on your vacuum & fuel pump pressure.



BYAVT-1 Vacuum & pressure tester **£15.12**

Exhaust

QUICK-EZE EX' CUTOUT

Convert from street legal to open exhaust- "race ready" in seconds. Easy to install, sold in pairs. Can improve e.t.'s & mph.



BY16250 2.5" "Quick-eze" **£77.16**
BY16300H 3" "Quick-eze" **£76.50**

FLOWTECH RAPTOR TURBO SILENCER

Inlet & outlet pipes are not in line, they are offset. Sizes quoted relate to the I.D. of the silencer pipes. Case is 9.5" wide & 5" high. Case length with pipes is around 16.5 to 17".



BY50050 2" inlet and outlet **£24.90**
BY50051 2-1/4" inlet & outlet **£24.05**
BY50052 2-1/2" inlet & outlet **£24.90**

EDELBROCK SDT CHAMBERED SILENCERS

Built from 14 gauge aluminized steel & finished with a Ti-tech coating. These chambered silencers use sound deflection technology to allow your engine to breathe, while producing a distinctive, muscular sound. No packing to blow out. Overall length 22/19", width 9-1/8", height 3-5/8".



BY55722 3" Centre in & out [o/all 19"] **£83.44**

MOROSO SPIRAL FLOW RACE SILENCER

All steel construction with spiral flow baffle, & dual path gas flow. 4" diameter with 12" installed length. Reduces sound 5-7db over open collectors. Flow 850cfm each.



BY94050 2.5" inlet/outlet **£56.89**
BY94051 3" inlet/outlet **£56.89**

HEDMAN HEDDER SILENCER

Has a flange to bolt directly onto your headers, provided the flange sizes are the same. 10" wide, 4-1/4" high, 28" long overall.



BYAJG255 3" flange to 2-1/4" pipe **£42.98**

HEDMAN UNIVERSAL EXTENSIONS

Can be used to help join up your headers to your standard exhaust. Packed in pairs.



BY18803 3" flange to 2-1/4" pipe **£24.64**
BY18804 3" flange to 2-1/2" pipe **£26.86**

MR GASKET ULTRASEAL COPPER GASKETS

These gaskets are very hardy, and are packed in pairs.



BY7176C 2.5" collector copper gaskets **£21.28**
BY7177C 3" collector copper gaskets **£22.62**
BY7178C 3.5" collector copper gaskets **£24.20**

REPLACEMENT REDUCERS [PAIRS]

BY211012-1/2" flange to 2" pipe **£18.47**
BY10105 2-1/2" flange+boss for "O2" sens' **£25.7**
BY211003" flange to 2-1/4" pipe **£17.80**
BY10004 3" flange to 2-1/2" pipe **£14.72**



HEDMAN "TURBO" SILENCERS

These are galvanized & double wrapped, for maximum corrosion protection. Inlet & outlet pipes are not in line, they are offset. Sizes quoted relate to the I.D. of the silencer pipes. Case is 14" long [without pipes]. 10" wide and 4-1/2" high.



BY25560 2" inlet & outlet **£35.04**
BY25570 2-1/4" inlet & outlet **£35.39**
BY25580 2-1/2" inlet & outlet **£36.72**

EDELBROCK SDT CHAMBERED SILENCERS

Built from 304 stainless steel which can be polished to a bright finish. These chambered silencers use sound deflection technology to allow your engine to breathe, while producing a distinctive, muscular sound. No packing to blow out. Overall length 19", width 9-1/8", height 3-5/8".



BY55750 2.5" Centre in and out **£158.87**

HEDMAN HEADER FLANGE GASKETS

Replacements for the standard item that comes with new headers.



BY27410 2-1/2" packed in pairs "paper" **£5.33**
BY27400 3" packed in pairs "paper" **£5.33**

EDELBROCK EXHAUST TIPS

Edelbrock exhaust tips are available in many styles and materials. Both stainless & chrome are available. We stock five types.

BY5591 Round, chrome style 2-1/2" inlet **£25.46**
Both above type are intercooled and are cut at a 25 degree angle.



BY5592 Flat oval, chrome style- 2-1/2" inlet **£17.92**
The above type is cut at an 18 degree angle.



BY5597 Turn-down style, s/less- 2-1/2" **£32.45**
BY5598 Turn-down style, s/less- 3" **£32.92**

- ACCESSORIES -
Hot-Rod Parts

KEYLESS IGNITION SYSTEM-IDIDIT

Go keyless with a simple push button ignition system. The button can be mounted in the dash, or you can order an IDIDIT column with it fitted in the column. While walking to your ride it will pre-authorize to start your ignition with the small key fob [supplied] in your pocket.
The control box is small & easy to fit just about anywhere. With regard to range, it will operate up to 10ft away. There are two key fobs supplied and the system can be set to operate in two modes- Automatic or Push to Authorize.



BYAJW890 Keyless ignition system **£338.58**

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