



MULTI-LAYER CHROME BILLET AIR CLEANER ASSEMBLIES



Free-flowing air filter covers that combine classic graphic references with bang-up-to-date materials, and come with a high-performance foam-type filter element.

A bracket is available and needs to be ordered separately to fit any of them to an oem CV carburettor, and any other carburettor will require a bracket to be custom made.

- ZOD 120128 Diamond style
- ZOD 120129 Maltese Cross style
- ZOD 120130 Ace style
- ZOD 120131 Round style
- ZOD 120132 Air cleaner mounting bracket, fits 1984 thru 1999 Evolution Big Twin and 1999 to present Twin Cam

www.zodiac.nl

ACTIVE EXHAUST BY-PASS

Too early to have pictures yet, but Zodiac have stolen a march on the industry in announcing a couple of little tricks to get round the Active Exhaust Valve fitted to '07 model bit twins – well, it was only a matter of time before someone did. Both are designed to fool the ECM into thinking all is happy, so preventing the engine diagnostic light from coming on, and plug directly into the harness between the ECM and the control motor.

The first is a straightforward two-way switch that allows you to run with the valve in permanently open or factory default setting, which is designed to work with the oem mufflers or modified version thereof which retain the valve itself. The second is a switch that just switches the valve on or off, for use with aftermarket mufflers without the valve (which I presume that means the motor thinks it the non-existent valve is open or closed, or else I've read it wrong.) Both devices will cost the same.

- ZOD 702020 Overrule Trick Box
- ZOD 702021 Manual Trick Box

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XL HARDTAIL



There's no shortage of folk who'd tell you that you need a hardtail to make a chop and the fact that a Sportster always had a swing-arm frame rules it out, so then so did Shovelheads and Evos. It seems to be confirmed however, because while you can stick an XL Powertrain into a custom frame built for a big twin it can look a little lost. Help is here, however, and Paughco have added three basic chassis specifically for the Sportster: 1956-76, the 1977-85, and 1986-03, and Motorcycle Warehouse have added them to their catalogue.

I can't give you information like rake and stretch but for good reason: they are all special order because there are so many options available to personalise it, so you should be able to build a bobber or a chop that works with the scale of Sportster motor – or maybe you fancy reliving the XL's sporting past and build a minimalist hard-tail scrambler: that could be fun for the Short-Track UK flat-track series if it passed scrutiny.

- MCS 517801 Paughco Rigid Sportster frame: 1957-1976 original shape
- MCS 517802 Paughco Rigid Sportster frame: 1977-1985 Iron head, post XLCR shape
- MCS 517803 Paughco Rigid Sportster frame: 1986-2003 Solid-mount Evo motor

www.mcseurope.nl

MSD PULSE IGNITION

If you want to improve the sparking, starting, idle and throttle response of your Shovel – and apparently it's good for an Evo too – you can add a bit of electronic gadgetry that will give you a better cleaner burn below 3,000rpm, and move your rev limiter at the top end, right up to a terrifying 9,250rpm – but then MSD have a name for racing.



So, about this sub-3,000rpm thing, what it does is to pulse the spark multiple times during the combustion stroke – for up to 45-degrees of crankshaft revolution – to get the maximum bang from the fuel mix, creating more power, smoother power and with the side-benefit of hopefully having cleaner emissions with less unburnt fuel in the exhaust

Comprising the ignition unit, single fire coil pack, Hall-Effect trigger pickup and 8.5mm super-conductor spark plug wires, it is a complete bolt-on replacement and fits 1970-on Shovelheads, Evo big twins, and all Sportsters from 1971 to present ... well, presumably up until rubber-mount XLs when the ignition sensor was moved.

ZOD 711803 MSD Pulse Ignition Kit.

www.zodiac.nl

D&D EXHAUSTS FOR 2007 MODELS



With a massive range of pipes for a massive selection of bikes – Custom Chrome inform us that they are now producing pipes for the 2007 models, but it's not clear yet whether that is '07 US models or EU models with the Active Valve, or indeed with an Active Valve isolator: there's not quite the same urgency yet from US manufacturers because they don't get it until next year, but watch them scurry about when they do.

A well regarded performance pipe, with 30 years of experience, they claim up to 25% horsepower increases, have won the Cycle World exhaust shoot-out challenge two years in succession and currently hold the land speed record for a gasoline-powered, air-cooled v-twin, so they're not just making it up. Pity they don't make that two-into-one for a Vegas

www.custom-chrome-europe.com