



**SUPERCHARGER REBUILDS | PART
PERFORMANCE UPGRADE PULLEY
01246 26066**

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**EATON JAGUAR TVS
SUPERCHARGER REBUILD
KITS**

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/ EATON JAGUAR TVS SUPERCHARGER REBUILD KITS

GBP

EUR

USD

**EATON JAGUAR / RANGE ROVER TVS SUPERCHARGER REBUILD
KITS**

CAD

AUD

Eaton's TVS – Twin Vortices Series supercharger is the latest range of blowers from Eaton. They are more efficient, produce less heat while having smaller, lighter rotors than Eaton's earlier roots blowers. Both Jaguar and Range Rover have employed the R1320 and R1900 series superchargers for their 3.0 & 5.0 ranges.

Despite their performance improvements, these superchargers are becoming known for premature wear. Drive couplers are failing, and case bearings are wearing sooner than expected but with a degree of maintenance you can keep your blower working at optimum. On the TVS supercharger rattling at idle is the first indication that your coupler is failing or broken. Continued noise may indicate that a bearing is starting to wear. The important thing is to have a supercharger repaired when you hear early signs of something being wrong – if they are left rattling too long damage can spread from bearing wear, which is curable, to wear of the rotors and/or main casing, which can become bad enough to scrap the supercharger.



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Supercharger Parts & Services

Replacing the bearings and oil seals in your supercharger will give it a new lease of life and peace of mind. As long as issues are not ignored and repaired early your supercharger should be serviceable, our Eaton TVS supercharger rebuild kits start at £105 for the snout bearing set.

Please note all prices quoted unless otherwise stated include UK vat at 20%.



TVS UPDATED COUPLER

The Achilles heel on the Jaguar and Range Rover TVS is the sprung drive coupler, if you have a rattle at idle it could very well be this. The coupler spring wears against the shaft until it breaks and badly wears the shaft as pictured. Our updated coupler removes the spring from question and works on worn shafts without issue. Simply renewing for a sprung coupler will only end in the same fate. Our updated oil filled nylon couplers start at just £38.

GBP

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JAGUAR TVS R1320 & R1900 SNOUT REBUILD KIT

If you are getting a rumbling or scoring sound from the front of your supercharger or suspect wear for any other reason this can be easily remedied with our TVS snout rebuild kit. At only £105 it is a cost-effective way to have your car back to good health. Our snout rebuild kit includes both inner and outer sealed snout bearings.

CAD

AUD

In addition, why not take advantage of the removal to invest in a cheap bit of maintenance. A fresh oil change on the TVS is regularly ignored as access is only available when the blower is off, at £24 our oil kit is a very cost effective piece of preventative maintenance.

BUT – if you have any doubt over the condition of the case bearings, it would be advisable to change them as well. The case bearings are prone to premature wear, and you may wish to avoid having to remove and refit the supercharger again in the near future. For the sake of two more bearings first time around consider opting for our Jaguar/Range Rover supercharger rebuild kit!

GBP

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PREVENTATIVE OIL CHANGES

Preventative oil changes are very important on Eaton superchargers, as the 'sealed for life' claim is at best an aspiration, and repairs can be expensive. Although Eaton uses a high quality synthetic aviation turbine oil in its supercharger range, the oil is not indestructible and does

oxidize gradually over years of exposure to high working temperatures – it just lasts longer than a plain mineral oil would.



After only 50,000 miles, the original oil can have degraded from the nice clear sample on the left to burnt-smelling brown soup like the right hand sample – not good for protecting the bearings and seals in your Eaton M45 supercharger!



We have a range of oil refill kits which include the required quantity of oil for your Eaton supercharger, with a syringe and tube to aid removing the old oil and filling with the new.

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Email:
enquiries@superchargerrebuild.uk

Unit 3A, Broom Business
Park, Bridge
Way, Sheepbridge,
Chesterfield, S41 9QG

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