



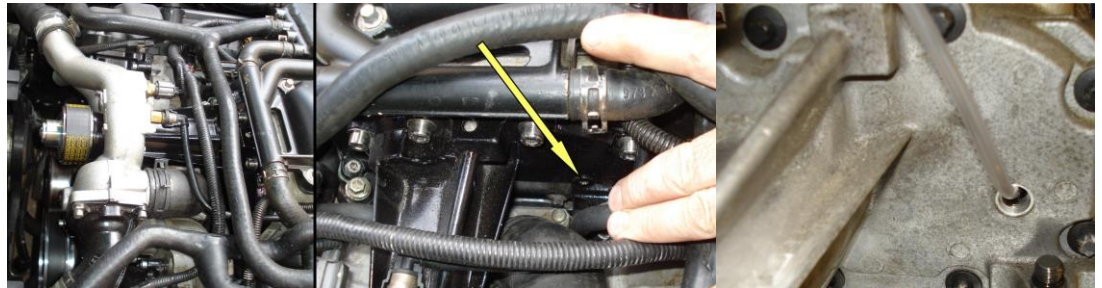
Changing / Topping Up Your Eaton Supercharger Oil

This is a straightforward task for anybody with or without mechanical experience, but these instructions should provide you with sufficient guidance if required.



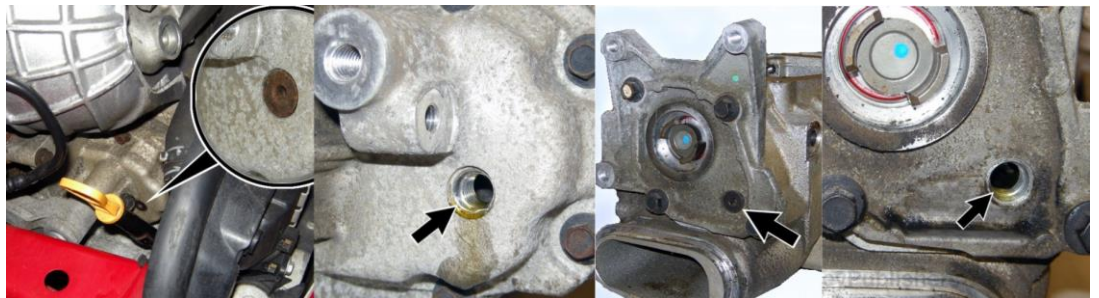
- Why Change The Oil?** Most motor manufacturers overlook the strain placed on oil by high rotational speeds of superchargers and treat the oil as being filled for life, but even the highest quality polymerised synthetic oils degrade over time – so this is not good practice! Often, by moderate mileages, the oil can come out like old gravy, but that's usually long past the time that warranties have run out – so the vehicle makers are unconcerned. We recommend the oil is changed by no later than 40,000 miles.
- Preparation and Tools.** The syringe with the kit can be used to drain and refill the oil, the only other tool required being a 3/16 Allen key (on some models the plug will have a hex head). Some clean rag and a container for the old oil are useful.

- Eaton M112 - Removing The Old Oil.** The filler plug can be seen and quite easily accessed on the front of the blower. It's a good idea to pack a rag in the gap under the filler, for two reasons. First, if you drop the filler plug when removing or replacing it, you won't then have the hassle of retrieving it with a magnetic grabber; second, when you top up the oil any spillage will be captured.



Eaton M62. The filler plug can be seen on the lower portion of the front of the blower. As above, it's a good idea to pack a rag under the filler both to catch overflow oil when you refill and in case you drop the filler plug.

- Eaton M45 Mini.** The Mini has two filler plugs, and it is necessary to remove the dipstick to access the front (140ml) and the water pump for the rear filler (40ml). **Mini owners please note - please do not overfill one compartment, then not have enough oil left for the second, and say we didn't send enough oil – there is 185ml in your bottle.**



- Refilling, all types Exc. Mini PTO.** When you've removed as much old oil as you can, the same syringe can be used to fill the supercharger with fresh oil. Fill until it overflows a little, leave it a moment to settle, then replace the fill plug. Remember that it is o-ring sealed, so doesn't have to be overly- tight.

Mini PTO, the PTO as shown above-right is an exception to the above rule. When fitted to the car the plug level is too low not allowing the recommended amount to be filled. The supercharger should be removed or the LHS of the car should be raised to allow the full amount to be filled.

- TVS superchargers** (5.0 & 3.0 Jaguar & Range Rover), the fill plug is on the rear upright face of the unit, facing the windscreen.
- Job complete - your supercharger should now be refreshed for another 40,000 miles!**

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