

TRILUX OILFILLER

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by Les Smith

*T*alking to various club members I have found that quite a few of you suspect that modifying the oil filler increases crankcase pressure and leads to oil leaks. If you don't keep the breather pipe going back into the air filter the pressure will be increased as well. Les Smith of Wickford came up with this modification to take an unmodified oil filler. It is certainly food for thought for anyone building a special who doesn't want the filler shortened (although I'm pretty certain the Lomax bonnet is still too low for it). This article also has the added advantage that it is actually about a real special: proof that we're not all Lomax owners.

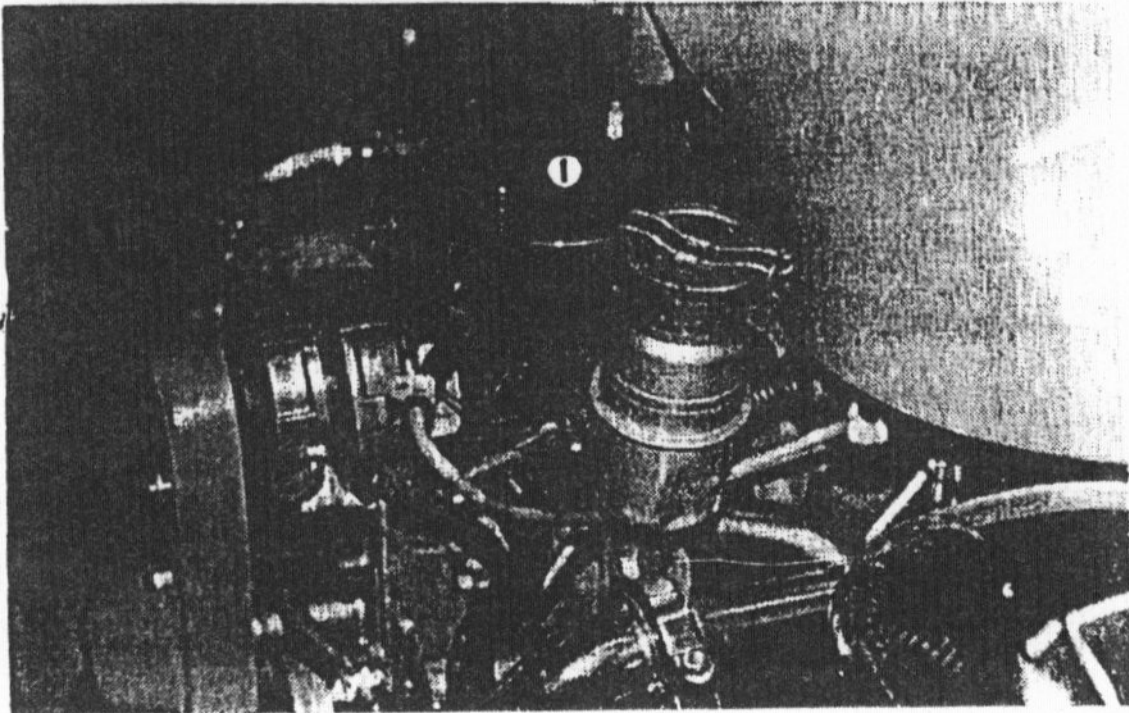
The Ckroën oil filler is used without modification to the actual filler, although it is moved back from the front of the engine, and this enables all the various breather pipes to be used, though they have to be re-routed somewhat.

The oil filler is mounted on a fabrication of mild steel plate and tube which also serves as a platform for the alternator.

The original conception was to mount the oil filler under the bonnet using a flexible connecting filler to a fabricated box, but oil leaks on to the

brake discs were a problem, and of course were very dangerous, so it was quickly changed to its present form which has proved very reliable in use.

The box is welded up using 10 gauge plate but if you are a good welder you could use much thinner gauge although this fabrication has to be strong enough to carry the alternator and resist the belt tension. The slotted link for the belt tension can be seen in photos 1 & 2. The fabricated bracket for the alternator mounting can be seen in photo 3 and



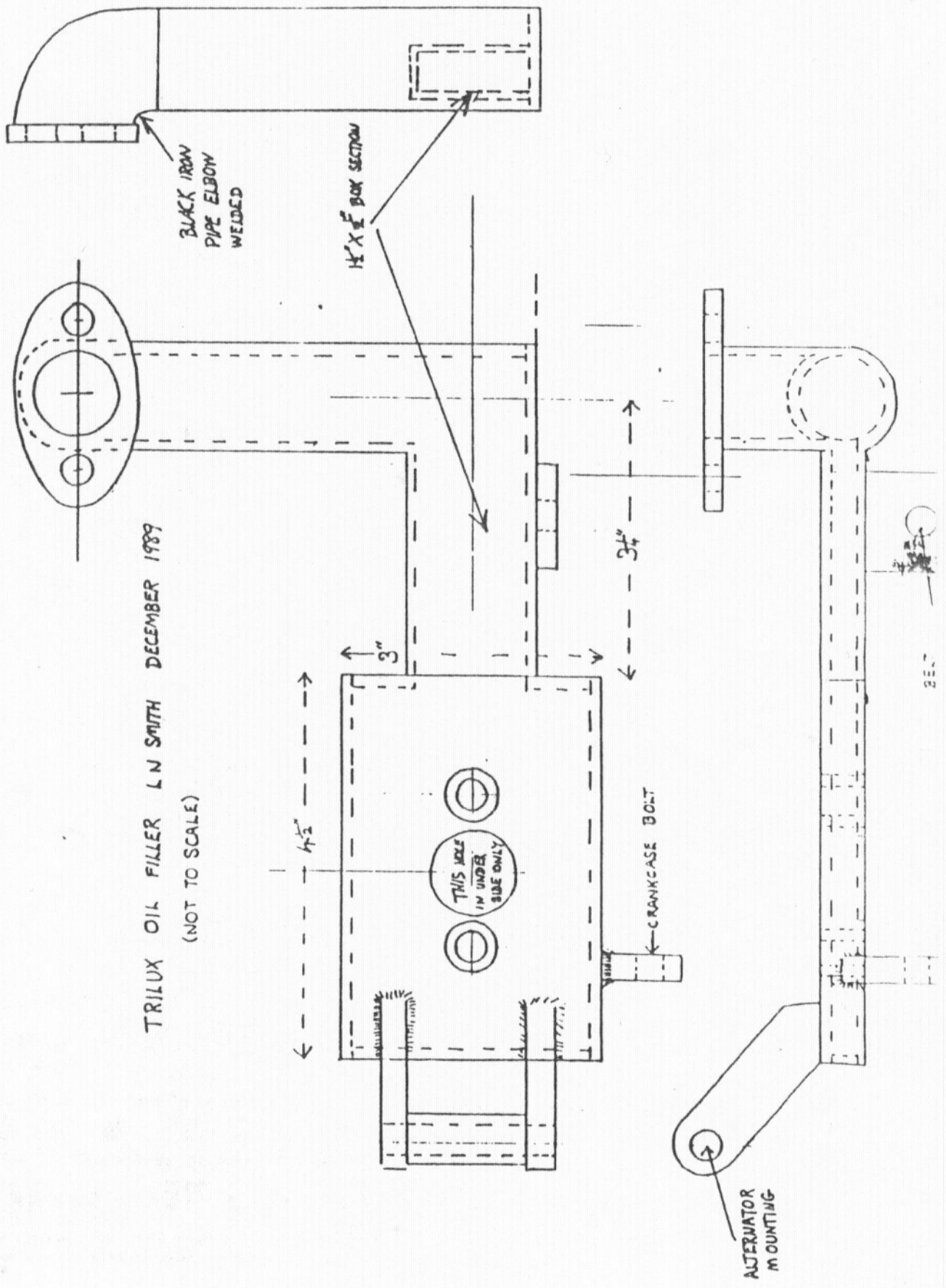
the small welded bracket through which one of the crankcase bolts passes is shown in photos 2 & 3. The same crankcase bolt also carries the bottom part of the belt guard mounting bracket which attaches at the other end to the alternator mounting bolt (photo 3).

I am now working on a new and improved gear change as I wish to improve the present model. I will write this up when it is perfected.

I hope all this is of some use to you.

LES SMITH

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TRILUX OIL FILLER LN SMITH DECEMBER 1989
(NOT TO SCALE)

THIS HOLE
IN UNDER
SIDE ONLY

CRANKCASE BOLT

AUTERATOR
MOUNTING