

Boost Tube Fitting Instructions



- Lay the boost tube on a flat surface and support centre, top and bottom edges with wood.
- Then position wire mesh grille, affix top left and right corner first. Then apply weights to hold top in position. Arc grille up in centre slightly as to be able to fix bottom left and right corners.
- Apply weight in bottom corners, then push either side of centre in, and apply weights as shown. Leave to bond over night.
- Trim off cuffed loose end of intake hose to 20mm long.
- Carefully position engine cover in place. Get an even gap around panel and open out holes to correct position gradually with Dremel and dome shaped grinding bit / battery drill & drill bits. Once hole centres are correct Bore to 13mm (all cars vary so we cannot complete this important fitment work for you).
- Once complete rest cover in position, lift from passenger side slightly, fit 150mm hose and clip to tube exit ring. Then push tube down and screw into position.

Fitment is now complete.

Lotus 340R Boost Tube

Fitting Instructions
(C01E0028AS)



Summary

The 'Boost Tube' is a completely new carbon fibre pre-preg engine cover for the rear of the Lotus 340R.

It offers increased engine venting for heat via its larger grille and most importantly allows a direct path from cold ram air to the air box. Effects of this ram air have been calculated from measured intake pressure & temperature deltas as 6.52ps @ 120mph. Several customers though have reported higher increases, although yet unproven.



Warning

Ensure that Loctite thread sealant is utilised on the 5 or 6 M5 securing bolts each time the air box is fitted. Loose fasteners could lead to engine failure.

Picture taken of Peter Crooks 340R @ Brands Hatch

N.B. To make fitment simple a new air filter without extension moulding Part Number: *R01E0003AS* should be purchased from ReVerie and additionally a new alarm switch bracket Part Number: *B340M0008F* from a Lotus dealer, alternatively a new bracket may be fabricated from 1.2mm alloy plate.

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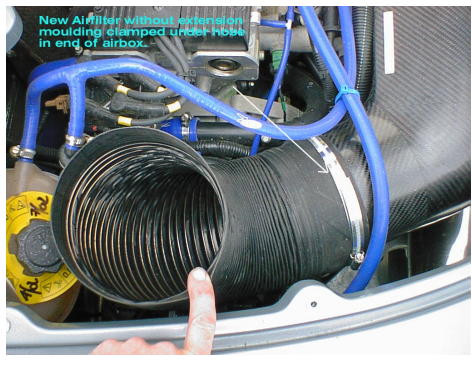
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- Remove old 340R Engine Cover.

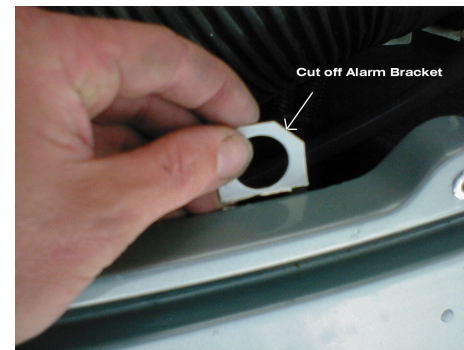


- Remove the old filter and carbon ring. Push the new ReVerie filter without extension moulding inside of cuffed hose end.
- Then carefully slide filter and hose over air box with the filter cone going inside the air box. Hold in position while clamping.



- Picture on left shows finished hose and new filter installation and single jubilee clip.

Boost Tube Fitting Instructions



- Cut away alarm bracket.
- Bond a new alarm bracket under top shell in next rear segment (approx 100mm further towards the rear of the car).



- If boost tube supplied in un-painted kit form, bond the cowl ring to the main moulding and tape in-place until adhesive dry. We recommend a flexibond, or epoxy adhesive.



- 2K or 1K Etch prime the alloy grille both sides and spray with 2K satin or gloss black, bake dry. Then carefully abrade around inner base of grille mounting area.
- Clean with acetone, then apply a nice even bead of Flexibond or 2hour cure polyurethane sikaflex adhesive around the lower inner lip.