

Lagondaforum: DB 3 litre engine removal

DB 3 litre engine removal

Written by Peter S30 at May 04, 2008 6:03 pm

I am going to make a little story out of my first question, which was:

"what is the easiest way to remove the engine? the workshop manual describes first to remove the front end assembly which is the wings and grille. Is this necessary? or can the engine be removed leaving the gearbox in place?"

I decided to leave the front end assembly in place. To remove it may have made sense with new cars, when screws were easy to remove or when you have to work on or under this part anyway.

I took the engine out together with the gearbox. Reason is that if you have to move the car afterwards there is no front support of the gearbox, it always would need a jack under it. The procedure took us 5 hours (2 persons) after most things had been removed already (head, radiator, fan, starter, generator...). We would make it now in half the time.

Taking it out I learned a few things:

The end of the gearbox is fixed to the transmission shaft with four screws which have to be removed which is not described in the workshop manual. I first assumed that there is a spline shaft that slides out which is not the case.

I found one bundle of cables running over the top of the gearbox from one side of the car to the other and fixed to it (stupid, should be fixed to the body, not the gearbox) and there are cables connected to the gearbox, I assume reverse gear indicator ?

Taking the engine out it first has to come in a steep angle and later you have to get the gearbox end up, so a set of pulleys is needed additional to the motor crane (see bad image for an impression).

It needs much height in the room you are doing it and the motor crane we used had feet that were a bit too high or too wide to move freely under the car, so we had to jack the car up at the same time, I will try to lower the crane with smaller wheels for the next time.

When I have time I bring the engine to have it overhauled by a specialist (probably Peter Bazille, Touring Garage, Troisdorf/Germany), unfortunately this is 400km away from me.

Comments welcome, I will continue the story

Peter

Attachments:

[motorout.jpg](#) (filesize: 26.87 KB)
