

Removal of Radiator, Bentley R-Type.

The radiator is secured by one large longitudinal bolt at its base centre, and by the mudguard setscrews under the wings.

Hint: be sure at all times that the bonnet handles are full rotated to the open position, around 27= degrees from the closed position (handles facing backwards horizontally when closed)

- 1) Loosen the single bonnet retaining nut protruding on its bracket on the centre top of the bulkhead. The hinge bracket on the bonnet hinge itself is slotted, so removal of the retaining bolt is a disadvantage as the bonnet will simply lift upwards if the bolt and nut are loosened a little..
- 2) Holding the bonnet handles and supporting the centre hinge, lift the rear of the bonnet and slide the assembly towards the rear of the car. Lift the bonnet clear. NOTE take care not to lose the bronze bush insert in the front support attached to the top of the grille.
- 3) From underneath the front of the car, remove the ribbed centre front valence plate (about 40 cm x 25 cm and painted the colour of the car) which connects the mudguards together (7/16 nuts and bolts between the guards and valence and between the valence and grille).
- 4) Remove sufficient mudguard setscrews to allow the mudguards to swing out enough to remove the radiator safely. Some of these screws have sheared, but there are presently enough to hold the wings tight.
- 5) Disconnect the two radiator hoses.
- 6) From the front of the radiator, remove the large centre bolt at the base of the radiator.
- 7) Lift the radiator upwards, complete with the grille, clear of the guards etc.
- 8) Remove the core for replacement

I usually use a little Loctite Nickel Anti-sieze when reassembling the radiator and car.

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