

Changing the Rear Core Plug on a 'B' Series Engine:

Following recent Forum conversations on leaky core plugs I decided to have a go at changing the rear core plug on a spare 'B' Series Engine through the hole in the backplate. It's a doddle and took less than thirty minutes.



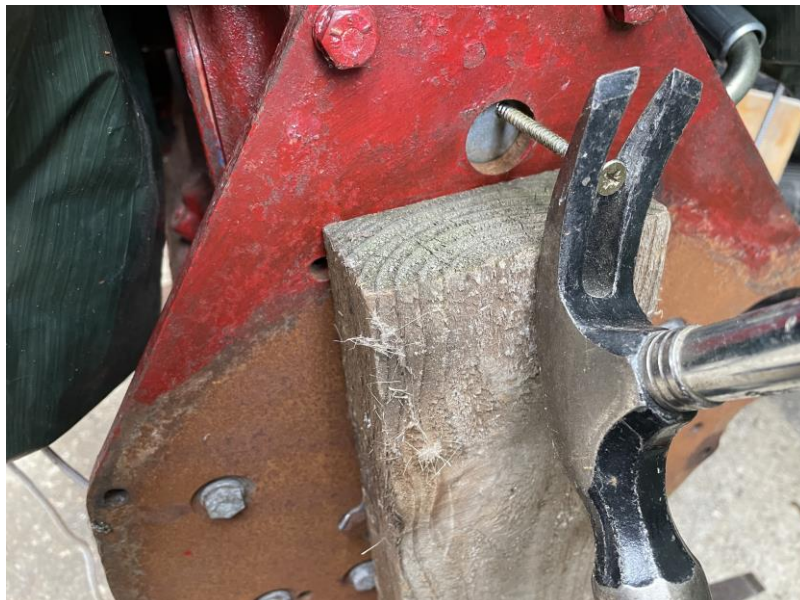
The old core plug in position. Why didn't they make that hole bigger during production?

Follow the procedure below:

1. Drill a hole in the core plug.
2. Screw in a screw.
3. Using a claw hammer** and a block of wood pull the old core plug out.

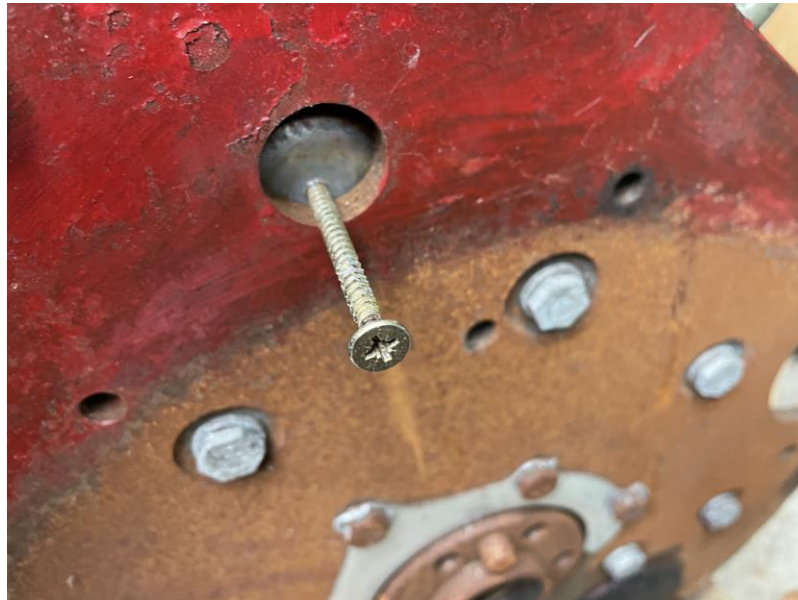
Note.

*** I do have a slide hammer which is the normal method of removing a core plug, very few members are likely to have a slide hammer but nearly everyone has a claw hammer.*



The core plug is now out and resting against the inner surface of the backplate.

4. Remove the screw and slide the core plug out to the side.

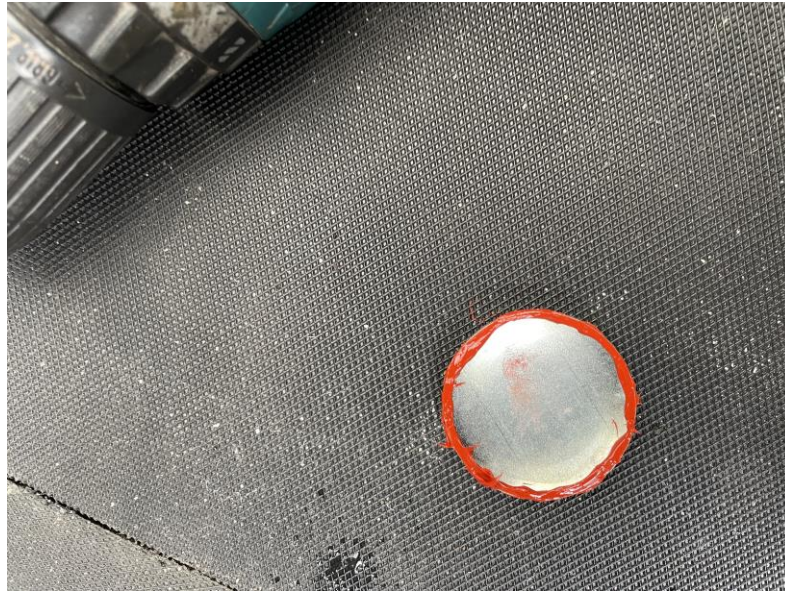


Use a pair of long nosed pliers to grip the core plug while you remove the screw.



These plugs are quite heavily domed.

5. Using an old screwdriver etc. scrape the groove clean.
6. Apply some sealant to the groove. For this job I normally use Hylomar Hylotype but as this was just an experiment I used some Red sealant. If I eventually overhaul this engine I'll remove all the core plugs, including this one so I can get rid off a lot of the crud.
7. Apply some sealer to the inner edge of the new core plug.



Apply sealant in this position.

8. Stick the core plug to something that will not obstruct your view whilst you place the core plug in position without unduly disturbing the sealant. I used a transparent plastic ruler with some double sided sticky tape.
9. Using the ruler etc. as a handle insert the core plug through the gap between engine block and backplate.
10. Line the core plug up with its locating groove, press it in position and remove the ruler.
11. Using an old large diameter drift give the core plug some healthy smacks with a decent sized hammer, be careful not to overdo it. Have a look between each smack.
12. Job done.