

Riparazione paraolio della forcella BMW R1100RT 1996

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fifer **16-april-2008** **R1100RT '96**

Fork seal change on my 1996 R1100RT.

Use the manual to remove front tire, fender, calipers, and ABS sensor.

When removing ABS sensor, be aware of the spacers under it as they need to go back for proper distance between sensor and ring on wheel.

When you get down to just the bare fork legs, remove the four bolts holding the legs to the A arm bracket and the legs can be lowered down and removed.

Have a pan handy as fluid will run from the tubes.

Set the tubes aside UPRIGHT if you do not want to change oil!

I dumped mine and cleaned them inside and out.



Remove the dust caps by hand , then remove the retainer ring with a small screwdriver.

I used an older Craftsman pry bar to remove the seal.

Clean the inner part of the fork where seal goes and should look like this. Be sure not to lose the spacer ring seen in the picture (on top of the bushing and will be under the seal).

Put the retaining ring back in.



Then put new dust seal in by hand.

Now repeat on second tube, and fill with 470 ml of fork oil (if you have emptied the fluid). I used Harley Davidson Type E and it comes in 470 ml containers. I do not have a nearby BMW dealer.



You are now ready to re-install the tubes.

Push each tube up onto the fork legs and hand tighten in 1 bolt in each.

Now put a small amount of thread lock on the other bolt and start it and run it down near but not completely tight. Repeat on other leg.

Then remove the hand tight bolt on each and apply thread lock and run them down to near tight.

At this point it is necessary to slip the axle through both legs to align the legs.

Now tighten all four A arm bolts to the legs and you are nearly done.



Now all you need to do is re-install all wires, clips, ABS sensor, pull the axle and re-install front wheel and fender per manual instructions .

Be sure to test ABS upon completion by starting the bike and driving forward about 20' and make sure ABS lights go out.