How to change the clutch slave cylinder (gearbox mounted) - Geordie Skydiver listed on the forum Nov 15 2007



You will need a helper for this procedure; they don't have to be mechanical geniuses though.

- 1. Jack up RH rear corner and remove that wheel, remember axle stands for safety!
- Remove the two nuts and bolts holding the slave cylinder to the mounting bracket. (13mm) Use a 13mm stubby spanner (on the bolts) and a 1/4 ratchet with an articulated head + 13mm socket. (on the nuts). TIP: don't let the 2 retaining bolts drop down into the bracket when you take the nut's off. The rear one won't do so easily but the foremost one will, put a nut on it to keep it in place (Ian Hulley).
- 3. Unscrew the hydraulic pipeline into the cylinder. (Cap the pipe with a plastic bag if you are going to leave it for any time)
- 4. Remove the slave cylinder from the bracket.
- 5. Place the new cylinder into the bracket. (after removing the blanking cap)
- 6. Refit the two bolts; bolt in through the bottom, nut on top. The rear one is a bit of a fiddle. Tighten to two white knuckles...
- 7. Refit the hydraulic pipe to its hole and tighten.
- 8. Remove the instrument console cover to gain access to the hydraulic fluid reservoir.
- 9. Remove the reservoir cap and top the hydraulic fluid right up to the brim. (Don't worry its going to drop down soon)
- 10. With your helper sat in the driver's seat, get them to pump the clutch pedal several times.
- 11. Get the helper to hold the pedal down while you turn the bleed nipple on the slave cylinder, some air/fluid should come out, so have a cloth handy to mop up spills, and please try not to get any on your paintwork.
- 12. Tighten up the nipple, have the helper release the clutch pedal, then push and hold it down again.
- 13. Repeat 11.
- 14. Repeat 12.
- 15. Continue doing this until you get clean fluid through the bleed nipple, and the clutch pedal has good pressure. (You may need to top up the fluid in the reservoir at some point, I didn't)
- 16. Finally tighten the bleed nipple fully, replace the wheel and jack the vehicle down.
- 17. Replace reservoir cover and instrument console cover.
- 18. Take helper to the pub as thanks.
- 19. Enjoy much smoother clutch changes!

TIP: Oh and if you ever drop the gearbox put M8 rivnuts in the slave cylinder mounting bracket instead (Ian Hulley)