

Disco 3 (2008 Model Year)

Body Removal – Right hand drive Manual Car

Removal:

1. De-inventory air con
2. Deflate suspension via IDTT tool
3. Loosen/crack wheel nuts
4. Jack up vehicle and place on axle stands at both ends under chassis
5. Turn off hand brake - *switch the car off, wait a few seconds, then press the button down and withdraw the key. If it doesn't work, put the ignition on, and try again. You may (or may not) need to have your foot on the brake pedal at the same time.*
6. Remove all 4 wheels
7. Remove spare wheel
8. Remove air compressor and air tank – **ONLY** remove is jacking under sills to remove body. *Not needed if using a 2-post lift.*
9. Fuel filler cap – remove:
 - a. Push back locking mechanism with a 6mm socket to get the 4 ears to move back
 - b. Push a 2mm rod through the 4 holes and lever up/down to release clips
 - c. Mask off body in front of filler cap to stop it marking the paint!
 - d. Pull door out
 - e. Unbolt filler neck from body Inner wing
 - f. Refit filler cap



Do before disconnecting battery in case you need to get to inside of locking mechanism – boot does not open without power.

10. Remove gear knob and ATCM switch pack
 - a. Lift gear gaiter out
 - b. Gear knob pulls straight up

- c. Remove terrain response panel
- d. Undo two bolts in front of gear lever & release the rubber gaiter around the gearstick – Gear lever should drop and rest on gearbox.



- 11. Open ABS ports via IDTT tool
- 12. Blow down brake system using Gunson Easy Bleed or similar
- 13. Drain coolant system (catch and re use coolant):
 - a. Set heater controls to hot (both)
 - b. Disconnect coolant hose at thermostat to drain coolant. Should be under engine at pass side front. – needs to be done before disconnecting battery - assumes heater valves are motorised.

Ignore if using hose clamps at each component – you will need lots!! I gave up and drain the system.

- 14. Remove front grill & take out front headlamps
- 15. Remove coolant header tank
- 16. Disconnect radiator fan wiring from rad pack – access via the passenger side head light aperture
- 17. Remove sill trim / sill guards
- 18. Remove front wheel arch trims
- 19. Remove rear wheel arch trims
- 20. Remove front bumper
- 21. Remove rear lights – 2 screws at side and pull
- 22. Disconnect rear towing & parking sensor harness under passenger side rear light
- 23. Remove rear bumper – 4 clips under lower tail gate!
- 24. Remove under body trays/protection
- 25. Remove brake pads and grease up disks
- 26. Passenger side engine bay:
 - a. Remove battery tray cover
 - b. Remove battery
 - c. Remove Disconnect the positive battery terminal & split at the mega fuse so that chassis side and engine side are separate



- d. Disconnect air con hoses at back of engine



- e. Disconnect air con pressure sensor wiring
- f. Disconnect engine harness at back of engine:
 - i. 1 big connector and a small one.



- ii. Disconnect the engine loom at the rear of the Integrate transfer box module (white levers)



- iii. Disconnect the other connector on the engine loom

Note – I had one connector with a blank with green plugs in it. Think it's the auto box connection if I had one.

- iv. Move loom onto engine



- v. Disconnect the injector/glow pug loom on top of the engine – stays with body. Was tucked under engine loom for wiring run/chaffing?

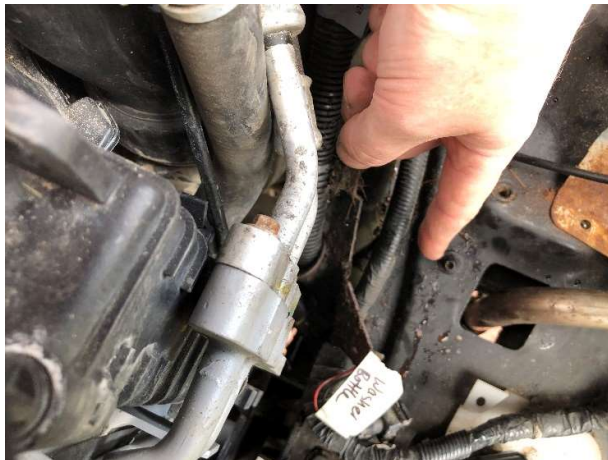


- g. Behind passenger side headlight (if it was fitted) – 3 x wiring conns – pull harness down to chassis





- h. Remove coolant expansion tank – disconnect low coolant sensor wiring harness.
- i. Remove engine positive cable harness stay from front wing. Cable stays with engine.

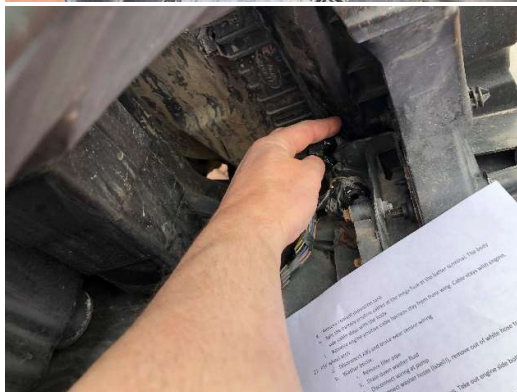


- j. Fuel burning heater:
 - i. Disconnect cooling inlet and outlet lines
 - ii. Disconnect fuel inlet line

27. PSF wheel arch:

- a. Disconnect ABS and brake wear sensor wiring
- b. Washer bottle:
 - i. Remove filler pipe

- ii. Drain down washer fluid
 - iii. Disconnect wiring at pump
 - iv. Disconnect washer hoses (label!!), remove out of white hose tray on front chassis leg
 - c. Disconnect brake pipes at wheel arch
 - d. Disconnect wheel arch earth point
 - e. Pull little breather tube that sticks up the side of the rad down
28. Drivers side engine bay:
- a. Disassemble ABS cover and side trays. Take out engine side bottom section
 - b. Disconnect steering column
 - c. Disconnect brake booster hose
 - d. Remove air filter lid and element. Disconnect MAF sensor wiring.
 - e. Remove intercooler to air intake hose – not sure if needed – but increases clearance & easy to do.
 - f. Disconnect temp sensor in rad hose behind/below head light.
 - g. Behind driver side head light (if it was fitted) - Disconnect 1 x wiring connections – thread harness down past side of rad pack and pull down below chassis





h. Disconnect heater supply and return hoses from engine.

29. DSF wheel arch:

- a. disconnect ABS wiring in top of wheel arch
- b. disconnect earth cable at front of suspension turret – connects to chassis and body – disconnect both leaving wiring on engine.



- c. Disconnect brake pipe at wheel arch
- d. Disconnect ambient air temp sensor at front of bumper. Tuck wiring up into body.



30. Radiator – remove top locating pins

31. Drivers side rear wheel arch:

- a. Disconnect brake pipe

32. Passenger side rear wheel arch:

- a. Disconnect brake pipe
 - b. Disconnect 2 x body wiring harnesses.
- 33. Disconnect earth strap at transfer box
 - 34. Disconnect handbrake emergency cable
 - 35. Disconnect air compressor air intake line
 - 36. Disconnect clutch hydraulic hose.



- 37. Undo body mount bolts
- 38. Refit wheels
- 39. Lower car to floor
- 40. Lift off body.