

History – this unit was offline due to diff failure, we undertook a lot of repairs to get it operational again, ready for a water tank fitment.

Both diff heads replaced.

PM3 Hook lift Iveco & Repairs.

Jump start vehicle. Vehicle did not want to go on drive. Switch on & off and wait for front diff lock to come on. Drove vehicle in. Remove oil from diff (Both.) Remove half shafts x4 both axles. Remove air lines. Remove bolts for diff. waited for bolies to finish with crane. Removed diff rear. Found diff crown ring was damaged. Alot of metal in oil. Remove hubs & clean. Clean diff housing. Metal flakes stuck on housing as oil & metal turned to sludge. Tons of metal flakes inside housing very difficult to clean up as it is stick on and difficult to access. Remove & replace hub seals re assemble l/h/s hub. Had to move pallet of diffs to working bay area. Cleaned new diff from oil & dust as it has been sitting a while. Prepared mating surfaces. Fit air fitting on diff for diff lock to come on. Asphalt borrowed crane for 45mins. Waited for them to finish. Fit diff. Fit x3 studs. R&R diff lock sensor from old to new one had different connector. Refitted Park brake air lines and valves. Cleaned half shafts. Fitted half shafts with new gaskets. Fitted wheels.

Remove 2 pinion nuts. couldn't get 3rd nut to undo. Had heat to remove yoke. Remove diff seals & clean seal areas.

cab hyd pump different. find fittings & bolts to suit. fit & tryed tilting cab hyd hose bust. replace pinon seal on front diff & refitted drive shaft.

Fit panard rod brackets for diff. Tighten shocker bolts. seal & yoke fitted to rear diff. filled diffs with oil. bolted front bumper in place for bottom brackets to be made.

Put front end on stands. remove steer wheels brake calliper's & hub assm. remove brake disks. wash hubs & bearings. clean stub axles. no parts for job.

Refit bearings & seals fit disks to hubs.

Put hubs on. Tension hubs. lock up nuts.

Refit brake calliper's & fit brakes to 4 steer wheels fill hubs with oil & tighten hub caps. refit steer wheels & tension.

Degreaser & wash & grind off rust.

Install l/h/s step.

Stealth inv. 96587

Carry out faults list.

Carry out pm3 service.

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**BUILDING
GREENER
ROADS.**