



### Overhaul 4 x Allison 4700 OFS Transmissions

In oil & gas fields all over the world, Allison Transmission rugged and reliable transmissions work to make operations more productive, even in the harshest of conditions.

These 4 x Allison 4700 OFS (Oil Field Series) transmissions which provide essential drive power to cement pumps on offshore oil & gas platforms in the North Sea were received at our Glasgow Service Centre for overhaul.

Our qualified factory trained Allison Technicians, equipped with all the required specialised tooling, overhauled the transmissions in accordance with Allison specifications using only Allison Genuine Parts™, returning them to service looking like new.







## Disassembly and Inspection

The transmissions were disassembled part-by-part to clean and qualify.

Each component was visually and physically checked against Allison's wear limits and tolerances for the possibility of reuse to minimise cost. All external components were cleaned and specially treated to remove painted surfaces and weathering from the extreme harsh corrosive sea air environment the transmissions are required to operate in.

All worn beyond reuse and damaged components were segregated for customer inspection and subsequent scrapping.

## Calibration and Reassembly

All components and subassemblies were rebuilt and checked to comply with Allison service manual instructions.

New components needed were all brand new, exclusively Allison Genuine Parts™. Quality inside means you get a more reliable, dependable remanufactured transmission.

Following completion of rebuild all 4 transmissions underwent a dynamometer test to ensure they were operating exactly in accordance the original factory specifications.



## Final Inspection and Test

Upon successful completion of dynamometer testing each transmission was drained down and prepared for painting and shipping in accordance with the customers specified requirements.

Final inspection and sign off is completed with the transmissions now ready for delivery back to the customer in a 'just-like-new condition'.

