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Audi AG

# Gearbox rebuild and Service Plan

Seat Cupra



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# Gearbox rebuild and Service Plan

## Supply Summary

This proposal outlines the process and scope of work to be undertaken in order to service the CFT-200 gearbox.

## Unit Pricing

Product Code	Qty.	Description	Price
CFT-BEARING-KIT	1	Bearing Kit	£1,479.71
CFT-FASTENER-KIT	1	Fastener Kit	£244.72
CFT-GENERAL_SEAL_KIT	1	General Seal Kit	£275.42
CFT-SL_SEAL-KIT	1	Slave Cylinder Seal Kit	£23.97
Service Labour	1	Strip, parts check, inspection, reassembly & rig test	£1,680.00
Additional Parts		Additional parts to be communicated with distributor	If applicable
<b>Total</b>			<b>£3,679.85</b>

## Rebuild kit contents

Sequence	Stock code	Description
000000	BEA-412	BALL BEARING
000000	BEA-035	NEEDLE ROLLER BEARING
000000	BEA-037	BALL BEARING
000000	BEA-107	BALL BEARING
000000	BEA-377	BALL BEARING
000000	BEA-073	ROLLER BEARING
000000	BEA-571	BALL BEARING 61824
000000	BEA-617	THRUST WASHER
000000	TE-234-2	INNER TRACK
000000	BEA-093	ROLLER BEARING
000000	EGT-213-20	BEARING THRUST RING

000000	BEA-001	ROLLER BEARING
000000	BEA-099	ROLLER BEARING
000000	BEA-511	NEEDLE BEARING
000000	HC-237-2	NEEDLE ROLLER BEARING
000000	104-226-2	NEEDLE ROLLER BEARING
000000	BEA-619	SUPPORT RING
<b>CFT-FASTENER-KIT</b>		
Sequence	Stock <b>code</b>	Description
000000	CIR-110	CIRCLIP
000000	SCR-129	SOCKET CAP SCREW
000000	CIR-183	CIRCLIP
000000	CIR-052	WIRE RING
000000	SCR-107	SOCKET SET SCREW
000000	SCR-092	SOCKET CAP SCREW M5 X 10MM
000000	SCR-143	SOCKET CAP SCREW
000000	CIR-272	E-CLIP
000000	NUT-024	PLAIN NUT
000000	SCR-022	SOCKET CAP SCREW
000000	CIR-273	SPIRAL CIRCLIP
000000	SCR-456-SS	BUTTON CAP SCREW
000000	CIR-271	SPIRAL CIRCLIP
000000	SCR-419	M8x30MM
000000	SCR-423	M6x16MM
000000	SGT-244-13	SOCKET CAP SCREW
000000	SCR-080-SS	BUTTON CAP SCREW
000000	HP-M-9054	SOCKET CAP SCREW
000000	SCR-046	SOCKET BUTTON HD SCREW
000000	WSH-065	DOWTY WASHER
000000	SCR-455-SS	BUTTON CAP SCREW
000000	WSH-066	WASHER

000000	LD-202-9-SS	WASHER M6 FORM B
000000	NUT-005	KAYNUT
CFT-GENERAL_SEAL-KIT		
Sequence	Stock code	Description
000000	LIP-145	LIPSEAL
000000	FT-244-11	OIL SEAL
000000	ORI-007	QUAD-RING
000000	ORI-202	O-RING
000000	LIP-046	LIP SEAL
000000	ORI-029	O-RING
000000	ORI-204	O-RING
000000	ORI-153	O-RING
000000	ORI-259	DOUBLE DELTA O- RING
000000	LIP-019	OIL SEAL
000000	WSH-003	WASHER
000000	ORI-072	O-RING
000000	VG-201-9	SEALING STRIP
000000	WSH-090	DOWTY WASHER
000000	HP-M-9042	DOWTY WASHER
000000	ORI-097	O-RING
<b>000000</b>	<b>ORI-001</b>	<b>O-RING (WAS HP-M- 8017)</b>
CFT-SL_SEAL-KIT		
Sequence	Stock <b>code</b>	Description
000000	ORI-302	ROD SEAL

## Rebuild Process

On receipt of a used CFT-200 gearbox from a Audi distributor, Hewland will undertake the following actions as part of the gearbox rebuild and service process.

## Commercial

- Audi customer to inform Audi distributor of rebuild request.
- Audi distributor to advise Hewland sales team of impending rebuild request and fill our RMA form provided by Hewland including gearbox mileage. Hewland will provide a reference number e.g., RMA1234.
- Hewland advise a 2–3 week lead time for initial assessment.
- Audi distributor to provide a PO for the Labour and Rebuild Kit as detailed in this proposal and deliver the gearbox to Hewland.
- Hewland to carry out a full strip and assessment of the gearbox (further details below).

- Hewland to advise of any additional parts which require replacement as well as any recommendations depending on millage.
- Further timeframe advised accordingly, depending on gearbox condition, availability and capacity.
- Audi Distributer to issue a PO for the additional parts.
- Hewland to assemble and test the gearbox.
- Audi Distributer to arrange shipment of the gearbox back to themselves or onto their customer.

## Technical

The following work is to be undertaken for all CFT-200 rebuilds and services:

- Gearbox stripped to component level
- The following parts are crack tested and replaced on upon customer approval:
  - Clutchrings
  - Gears & layshaft
  - Final drive
  - Hubs
  - Barrel
- The condition of the following parts are visually inspected and replaced upon customer approval:
  - Forks and pins
  - Oil pump
  - Pick-up filter (cleaned)
  - HYD fittings
  - Differential
- All components included in the kits above are replaced
- Gearbox assembled
- Reset crownwheel and pinion
- Check forksetting
- Rig test and sign off.

## Gearbox Condition

The gearbox must be delivered clearly indicated with RMA number to Hewland and also free of external dirt, oil and contaminants. Hewland will not accept delivery of the gearbox if there is an excessive level of residue on the external surfaces of the gearbox unless due to the risk of exposure to unknown substances.

Audi customers with gearboxes that have an alternative differential must uninstall it. A gearbox which arrives with an alternative differential will be accepted, and during the strip down process the differential will be removed and then refitted to the gearbox during the assembly process prior to testing. Hewland will not be responsible for assessing or reporting on the differential condition.

## Currency

All prices quoted are in GBP and all invoices are to be issued in sterling.

All prices quoted are exclusive of VAT, freight or customs charges. Prices and inclusions may be subject to change without notice and package pricing covers only the items listed.

## Terms

Payment terms dependent on agreement with distributor

Prices are valid only for single orders meeting or exceeding the unit quantities quoted. Orders may not be accumulated to meet price break thresholds.

## Terms and Conditions

This document remains valid for a period of 30 days from date of issue, after which time it may be deemed to have expired.

The proposal covers only the items listed. Any additional client requests will be subject to a separate agreement. Unless explicitly specified elsewhere in this proposal, all terms and conditions are to be in accordance with Hewland Engineering Ltd.'s Standard Terms and Conditions for the Provision of Engineering Services (available on the Hewland website).

All Hewland components are designed to work to close and synchronised tolerances. This has a great effect on the performance of the transmission unit, particularly with regards to vibration, heat and weight. Hewland may not be held accountable for any reduced performance or life of the transmission due to the use of components supplied or manufactured by a third party. If such problems occur, Hewland is willing to aid with technical expertise, or supply any associated transmission components in order to overcome the issue. We are also willing to work with third party suppliers directly, if requested by the client.

## Contact

### Commercial

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