

Torque tighten the gearbox computer bolts 23 N.m.

Fit the engine wiring.

Refit the engine wiring bolt.

Clip on the gearbox wiring.

Connect the connectors of the gearbox computer.

Reclip the locks of the two connectors.

Confirm that it is locked by the sound of the "clip" .

3. FINAL OPERATION

Proceed in the reverse order to removal.

Apply the After repair procedure using the Diagnostic tool [Diagnostic tool : Use](#) :

-Computer concerned by the After repair procedure:

"Automatic gearbox computer" .



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AUTOMATICGEARBOXDIFFERENTIALBEARING:REMOVAL-REFITTING



Note, one or more warnings are present in this procedure



Special tooling required	
DC4 gearbox internal renovation kit	Bvi. 1956
DC4 gearbox internal renovation	RSM. 9306

 
parts always to be replaced:
Clutch housing bearing
Mechanism housing bearing
Automatic gearbox differential bearing

WARNING



To avoid all risk of damage to the systems, apply the safety and cleanliness instructions and operation recommendations before carrying out any repair:



[\(see 23A, Automatic gearbox , Automatic gearbox: Precautions for the repair\) ,](#)



[Vehicle: Precautions for the repair](#) (01D, Mechanical introduction).

REMOVAL

1. REMOVAL PREPARATION OPERATION



Remove:



the automatic gearbox[Automatic gearbox: Removal - Refitting](#) ,



■ the automatic gearbox wiring [Automatic gearbox wiring: Removal - Refitting](#) ,

■ the speed sensors [Speed sensor: Removal - Refitting](#) ,

■ the gear engaged sensor [Gear engaged sensor: Removal - Refitting](#) ,

■ the automatic transmission computer [Automatic gearbox computer : Removal - Refitting](#) ,

■ the clutch pressure plate [Clutch: Removal - Refitting](#) ,

■ the clutch actuator motors [Clutch actuator motor: Removal - Refitting](#) ,

■ the clutch thrust bearing [Clutch thrust bearing: Removal - Refitting](#) ,

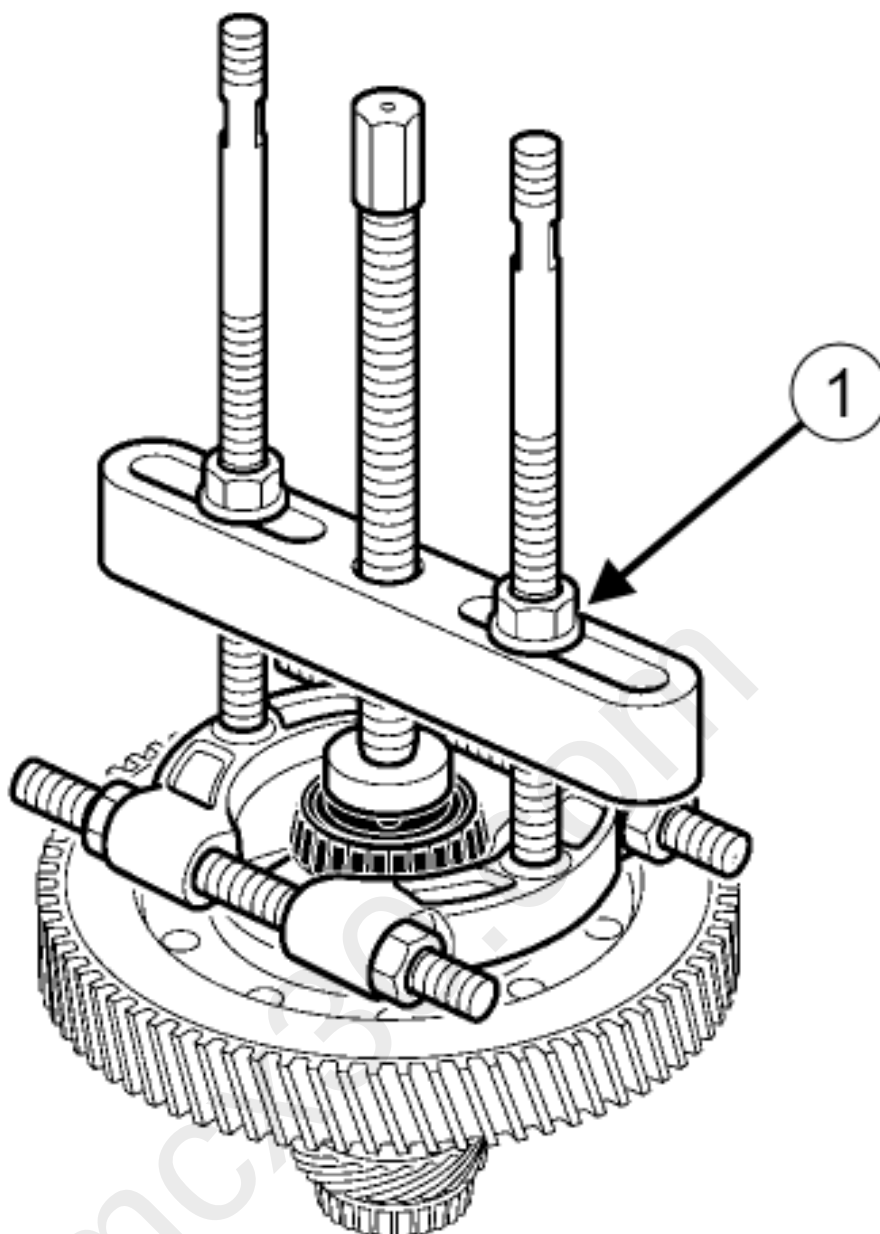
■ the clutch forks [Clutch fork: Removal - Refitting](#) ,

■ the input shaft lip seal [Input shaft lip seal: Removal - Refitting](#) .

■ the clutch housing [\(see 23A, Automatic gearbox , Clutch housing: Removal - Refitting\)](#) ,

the automatic gearbox differential [\(see 23A, Automatic gearbox , Automatic gearbox differential: Removal - Refitting\)](#) .

2. OPERATION FOR REMOVAL OF PART CONCERNED



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Remove the differential bearings using a bearing extractor(1) .

REFITTING

1. REFITTING PREPARATION OPERATION

Clean:

all the removed parts [Vehicle: Parts and consumables for the repair](#) (04B, Consumables - Products),

the joint face of the automatic gearbox casings [Vehicle: Parts and consumables for the repair](#) (04B, Consumables - Products).



parts always to be replaced:

[Clutch housing bearing](#)



parts always to be replaced:

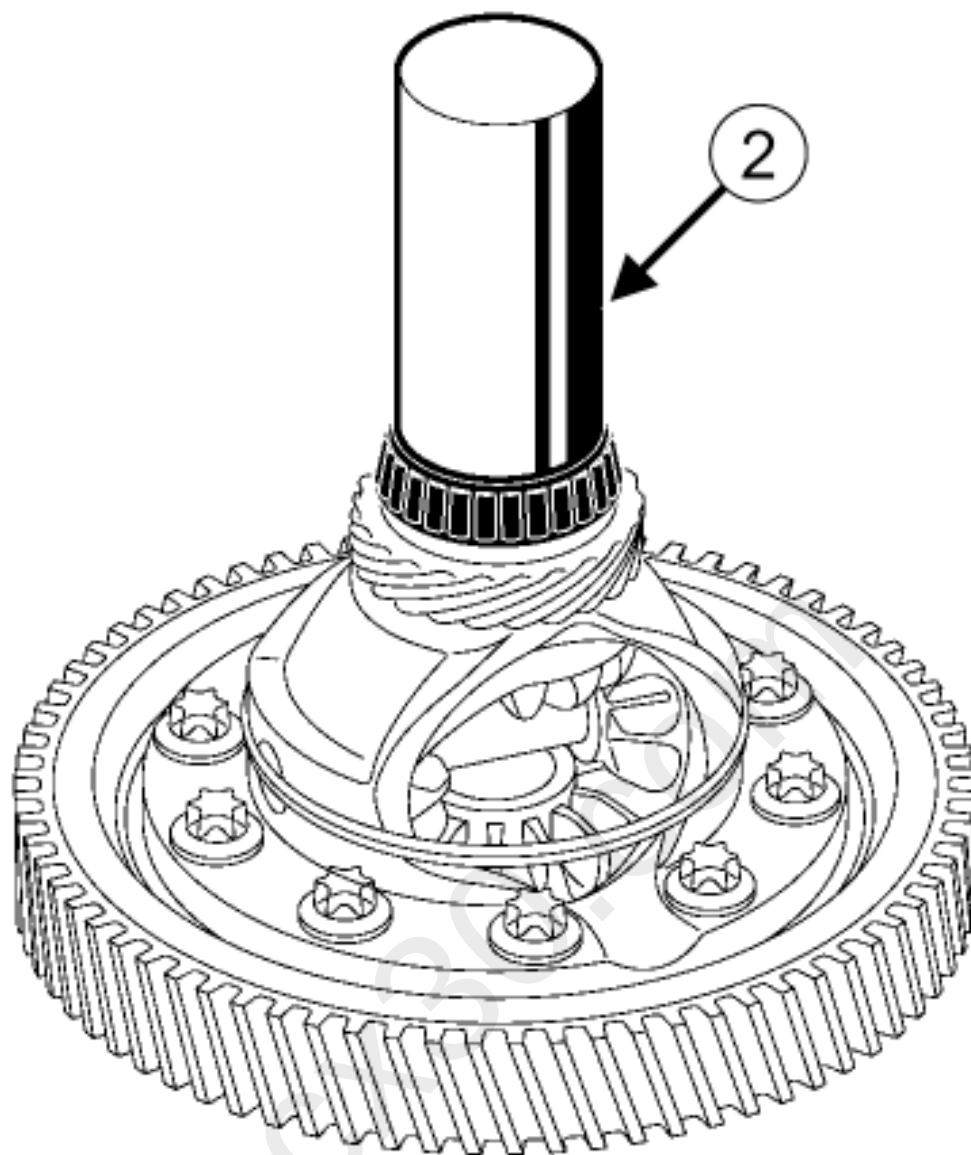
[Mechanism housing bearing](#)



parts always to be replaced:

[Automatic gearbox differential bearing](#)

2. REFITTING OPERATION FOR PART CONCERNED



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Refit the differential bearings using the tool DC4 gearbox internal renovation kit (Bvi. 1956) (2) .

3. FINAL OPERATION