

Adjust the gear control unit.[Gear control unit: Adjustment](#)

Refit the air filter unit[Air inlet assembly: Exploded view](#) .

Refit:

-
- the battery tray[Battery tray: Removal - Refitting](#) ,
- the battery[Battery: Removal - Refitting](#) ,
- the engine cover.

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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XSL version : 3.02 du 22/07/11

AUTOMATIC GEARBOX: REPAIR



Note, one or more warnings are present in this procedure



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. REPAIR PREPARATION OPERATION



Remove:



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



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



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



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

the gearbox control forks[\(see 23A, Automatic gearbox , Gear box control fork: Removal - Refitting\)](#) ,

the gearbox shafts[\(see 23A, Automatic gearbox , Gearbox shaft: Removal - Refitting\)](#) ,

the mechanism housing[\(see 23A, Automatic gearbox , Mechanism housing: Removal - Refitting\)](#) ,

2. REPAIR OPERATION

Strip:

the output shafts[\(see 23A, Automatic gearbox , Output shaft: Stripping - Rebuilding\)](#) ,

the input shaft[\(see 23A, Automatic gearbox , Input shaft: Stripping - Rebuilding\)](#) .

Check the automatic gearbox[\(see 23A, Automatic gearbox , Automatic gearbox: Check\)](#) .

Remove:

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

the mechanism housing bearings(see) ,

the fork shaft rings[\(see 23A, Automatic gearbox , Fork shaft ring: Removal - Refitting\)](#) .

1. REFITTING PREPARATION OPERATION



Replace worn or damaged parts.



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



Always replace:



the lip seals,



the O-rings,



the shaft bearing lock rings,



the removed bearings,

the magnet.



Refit:



new fork shaft rings([see 23A, Automatic gearbox , Fork shaft ring: Removal - Refitting](#)) ,



new mechanism housing bearings(see) ,



new automatic gearbox differential bearings([see 23A, Automatic gearbox , Automatic gearbox differential bearing: Removal - Refitting](#)) .



Rebuild:



the input shaft([see 23A, Automatic gearbox , Input shaft: Stripping - Rebuilding](#)) ,