

STEERING: PRECAUTIONS FOR THE REPAIR



Note, one or more warnings are present in this procedure



1. SAFETY

1- ADVICE TO BE FOLLOWED BEFORE ANY OPERATION

For an operation requiring the use of a lift, follow the safety advice [Vehicle: Towing and lifting](#) (02A, Lifting equipment).

2- INSTRUCTION TO BE FOLLOWED DURING THE OPERATION



WARNING

Wear cut-resistant gloves during the operation.



CAUTION

Prepare for the flow of fluid, and protect the surrounding components.

2. CLEANLINESS

1- ADVICE TO BE FOLLOWED BEFORE ANY OPERATION

Use a cover to protect any chassis elements that may be contaminated with power-assisted steering fluid.

2- INSTRUCTION TO BE FOLLOWED DURING THE OPERATION

Clean around the power-assisted steering system using BRAKE CLEANER (see [Vehicle: Parts and consumables for the repair](#)) (04B, Consumables - Products).

3. JOB GROUP RECOMMENDATIONS

To ensure correct operation and performance of the system, do not attempt to repair any components other than those supplied in After-Sales.

To ensure the quality of the repair, only use the tooling recommended by the manufacturer.

1- POWER ASSISTED STEERING CIRCUIT:

1)POWER-ASSISTED STEERING FLUID

Only use the fluid recommended by the manufacturer, in order to ensure correct system performance (see **Vehicle: Parts and consumables for the repair**) (04B, Consumables - Products).

2)BLANKING PLUGS

To prevent impurities from entering the power assisted steering circuit, use blanking plugs on the various dismantled parts.

2- SEALS

To ensure a sound power-assisted steering circuit seal, replace the power-assisted steering pipe seals each time a pipe is removed.

3- STEERING COLUMN



CAUTION

In order not to damage the steering wheel or steering column, the steering wheel-column foolproofing devices must be aligned.

Do not rest the steering column on the adjustment handle.

Do not handle the steering column by the adjustment handle or by the wiring.

Manoeuvre the "steering column - intermediate shaft" assembly by holding each section (one hand on the column and the other on the intermediate shaft). If the steering column is not handled correctly, there is a risk that the steering column or intermediate shaft could fall, which could destroy the system.

Always replace the steering column if it is dropped or in the event of an impact.

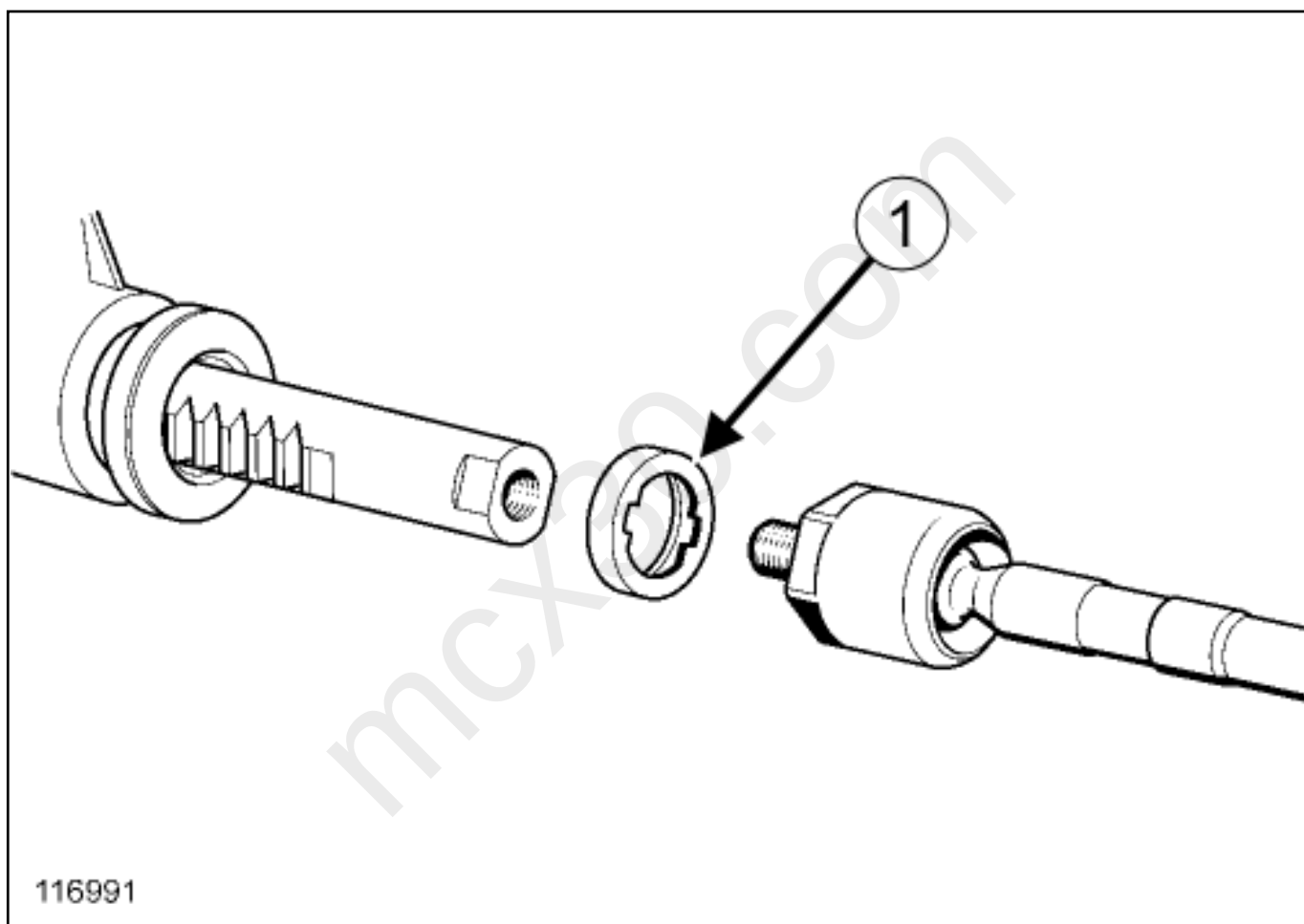
4- STEERING BOX

The steering box should not be carried by the gaiters or pipes, as this may damage them.

When the vehicle is positioned with the wheels suspended, the steering rack must not be subjected to violent movements from lock to lock.

Risks: Damage to the teeth of the steering rack and pinion may cause a safety risk relating to the steering unexpectedly locking.

5- AXIAL BALL JOINT



The axial ball joint limiters(1) are colour coded for foolproofing purposes. When removing or replacing the axial ball joint, check that the limiter with the correct colour code is refitted.

6- POWER-ASSISTED STEERING PUMP

Do not run the engine without steering fluid in the circuit.

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8- WIRING HARNESSES

Ensure that the electrical wiring is clean and correctly routed.



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