



S/Section

# KANGOO CLIO II

List below

36

equipped with a power assisted steering pump assembly

36 WHINING FROM POWER ASSISTED STEERING WHEN MANOEUVRING

Other sub-section concerned: 09

- Engine: F8Q
- Gearbox: XXX

Basic manuals:  
Workshop Repair Manuals 325 and 337

## LIST OF VEHICLES CONCERNED

VEHICLE	TYPE	From	To	VEHICLE	TYPE	From	To
KANGOO	FC0 E	U 000001	U 093873	CLIO II	BB0 E	F 000001	F 038756
	KC0 E	U 000001	U 089991			W 000001	W 056233
						Y 000001	Y 012630
					BB0 J	F 000001	F 005098
						W 000001	W 003756
						Y 000001	Y 000170
					CB0 E	F 000001	F 009595
						W 000001	W 021288
						Y 000001	Y 003985
					CB0 J	F 000001	F 000957
						W 000001	W 000890
						Y 000001	Y 000073
					SB0 E	F 000001	F 002297
						W 000001	W 029114
					SB0 J	F 000001	F 000008
						W 000001	W 000085

"The repair methods given by the manufacturer in this document are based on the technical specifications current when it was prepared.

The methods may be modified as a result of changes introduced by the manufacturer in the production of the various component units and accessories from which his vehicles are constructed."

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# STEERING ASSEMBLY

## Power assisted steering pump assembly

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### CUSTOMER COMPLAINT

- Whining from power assisted steering when manoeuvring.

### POSSIBLE CAUSE

- Noise coming from the power assisted steering pump assembly.

### CLAIM COMPLETION AND CODING

#### Destination of removed parts:

- As per Warranty Policy and Procedures Manual.

**NITG Code:** L218

**Supplier Code:** 164

**Customer Complaint Code:** 2A

**Operation Code:** 3999

**Time allowed:** 2.0 hours  
(including operational test)

**Title:** Replacing the power assisted steering piping.

### AFTER-SALES SOLUTION

#### Operation to be carried out:

- Replacing the power assisted steering piping.

#### Vehicles concerned:

- Vehicle types and fabrication numbers as listed on page 1 **only** for vehicles equipped with a power assisted steering pump assembly.

#### When to take action:

- Upon receipt of a customer complaint.

#### Parts required:

- 1 high pressure **Part no.: 82 00 033 763**
- 1 low pressure pipe **Part no.: 82 00 033 764**
- 1 stud **Part No.: 77 03 027 328**
- 1 nut **Part No.: 77 03 033 025**
- 1 bolt **Part No.: 77 03 002 072**
- 1 liquid tank **Part No.: 77 01 402 037**

#### Tooling required:

- Conventional.

### Description of the operation:

- Disconnect the battery.
- Remove:
  - the left hand front wheel,
  - the mudguard.
- Disconnect the pump assembly connector.
- Remove:
  - the earth strap on the gearbox,
  - the pump assembly pipes.
- Fit:
  - low pressure pipe **part no.: 82 00 033 764** on the original mounting points without connecting it to the pump assembly bottle,
  - stud **part no.: 77 03 027 328** instead of the upper bolt (A) (**Fig. 1**) on the 5<sup>th</sup> gear gearbox housing.

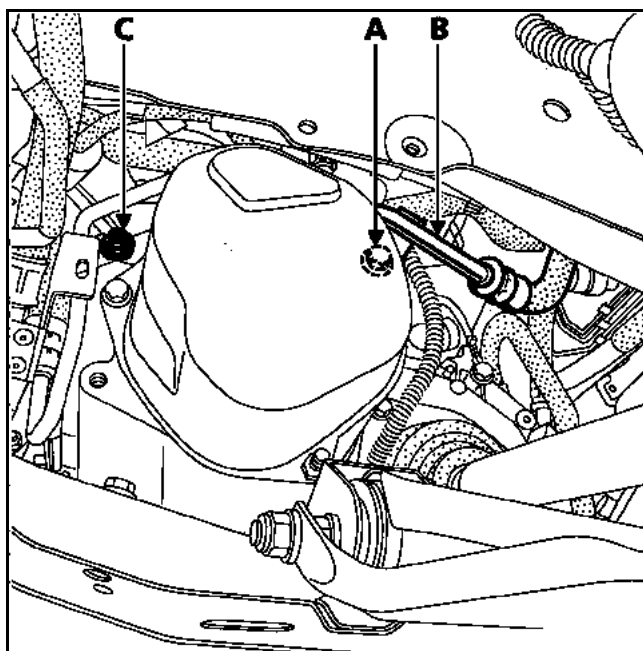


Fig. 1

- A – Stud
- B – High pressure pipe
- C – Bolt

# STEERING ASSEMBLY

## Power assisted steering pump assembly

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- Fit high pressure pipe (B) (**Fig. 1**) by attaching it to the stud (A) (**Fig. 1**) using nut **part no.: 77 03 033 025**, and using the bolt (C) (**Fig. 1**) **part no.: 77 03 002 072**.
- Connect the low pressure pipe to the pump assembly bottle.
- Adjust the power assisted steering circuit.
- Refit the assembly in the reverse order to removal.
- Reinitialize the components which were deprogrammed following disconnection of the battery before returning the vehicle to the customer (Clock, Radio Code).

**NOTE: vehicles produced before December 1998 may be fitted with a tie-rod connecting the pump assembly mounting to the sub-frame. If this is the case it will be necessary to remove it.**