



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	
			CB0 E		Y 000001	Y 000170	
					F 000001	F 009595	
					W 000001	W 021288	
			CB0 J		Y 000001	Y 003985	
					F 000001	F 000957	
					W 000001	W 000890	
			SB0 E		Y 000001	Y 000073	
					F 000001	F 002297	
			SB0 J		W 000001	W 029114	
				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 5th gear gearbox housing.

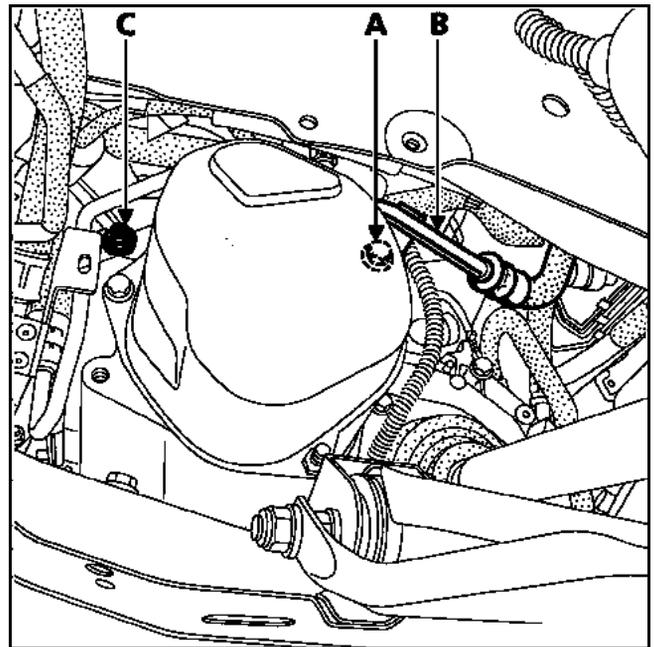


Fig. 1

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

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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.