CAMLogic®	**Istruzione montaggio** *Assembly instruction* Technical department	**Data** *Date*	16/04/2026
		Nr	0605_0007_00

Famiglia prodotto *Product family*	PFG05		
Tipo prodotto *Product type*	Rotary level indicator for solids		
Versione (i) *Version (s)*	ANY		
Oggetto *Object*	Instructions for the replacement of circuit and gear motor		
Distribuzione *Distribution*	Sales department	☒	
	Quality department	☒	
	Production department	☒	
	Customers / Suppliers	☒	
	Marketing / Web site	☒	

SUMMARY

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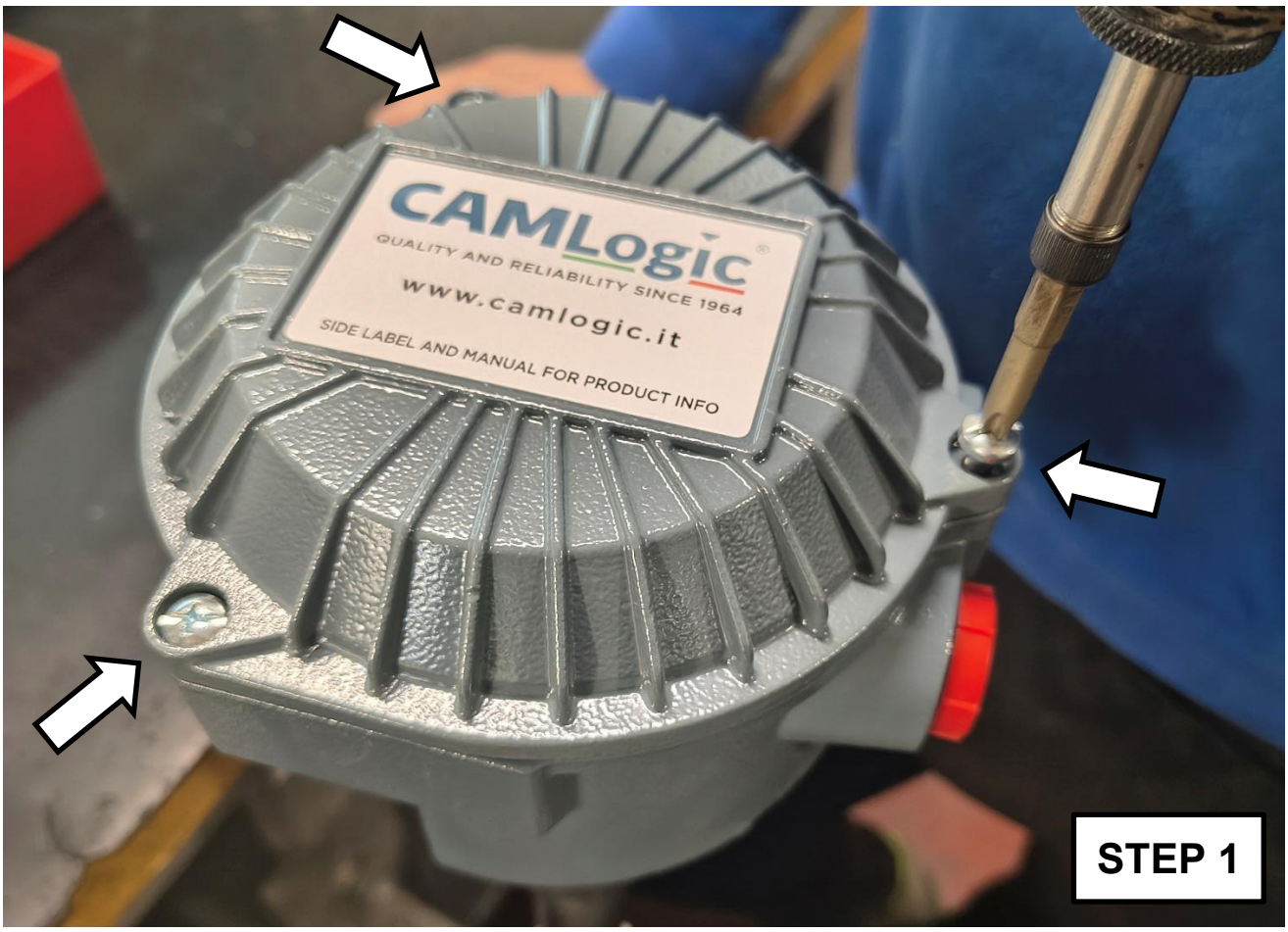
1 DESCRIPTION

These instructions explain how to correctly replace the printed circuit board and motor gear of the rotary level indicators series PFG05.

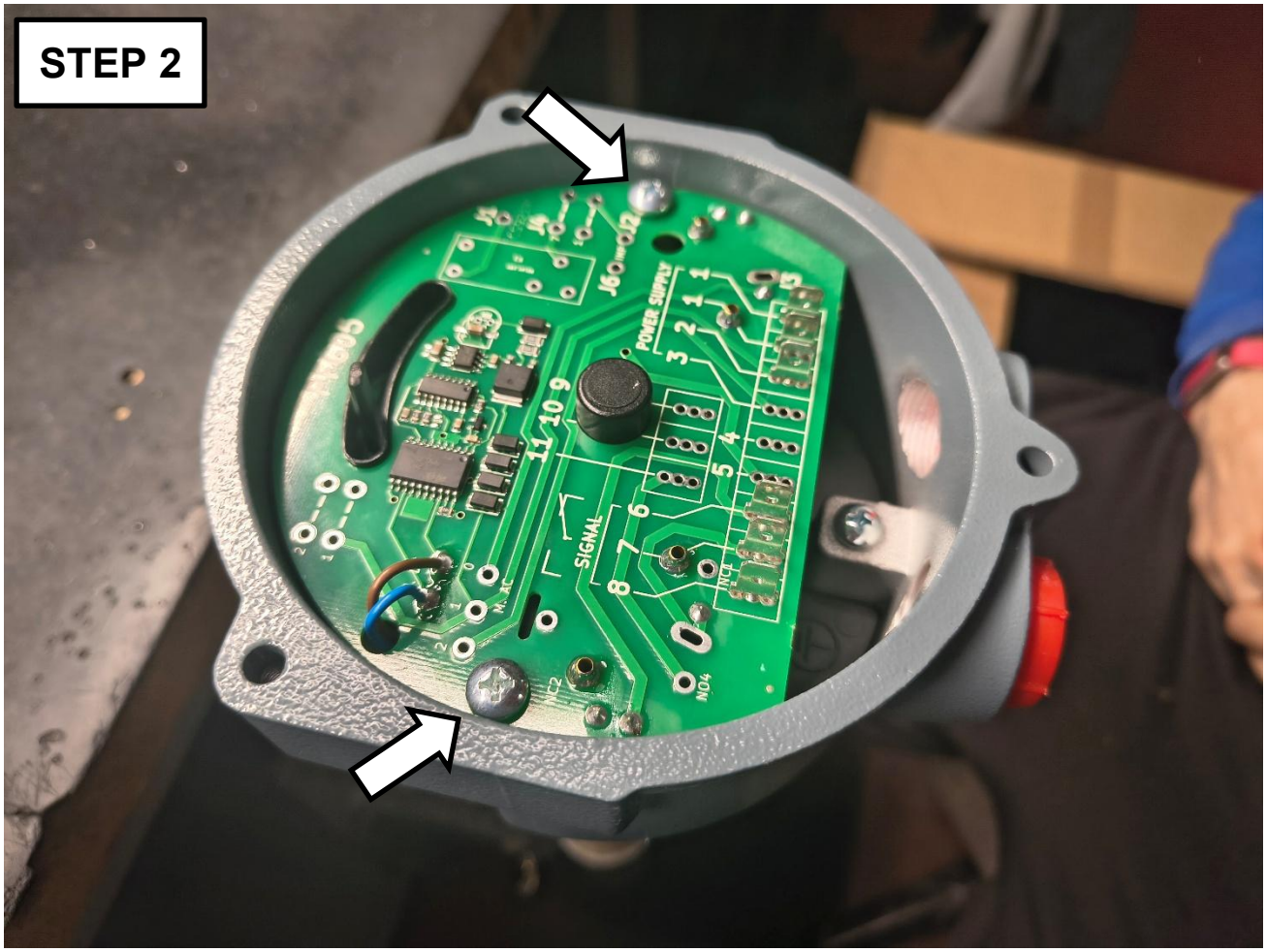
Before proceeding with the replacement, make sure that the indicator is **not powered**.

The only instrument needed is a **cross-head screwdriver** (Philips screwdriver).

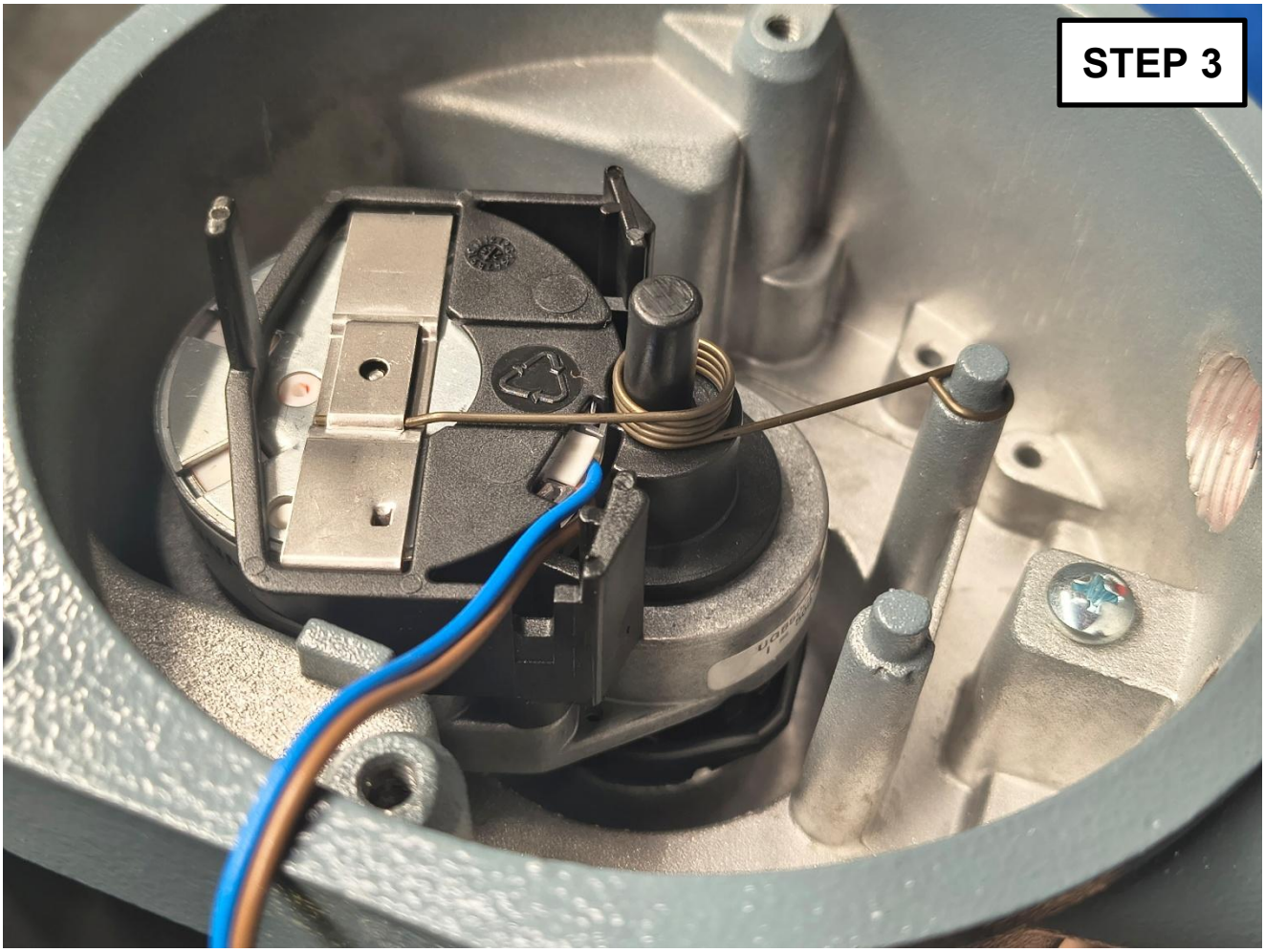
2 LIST OF OPERATIONS



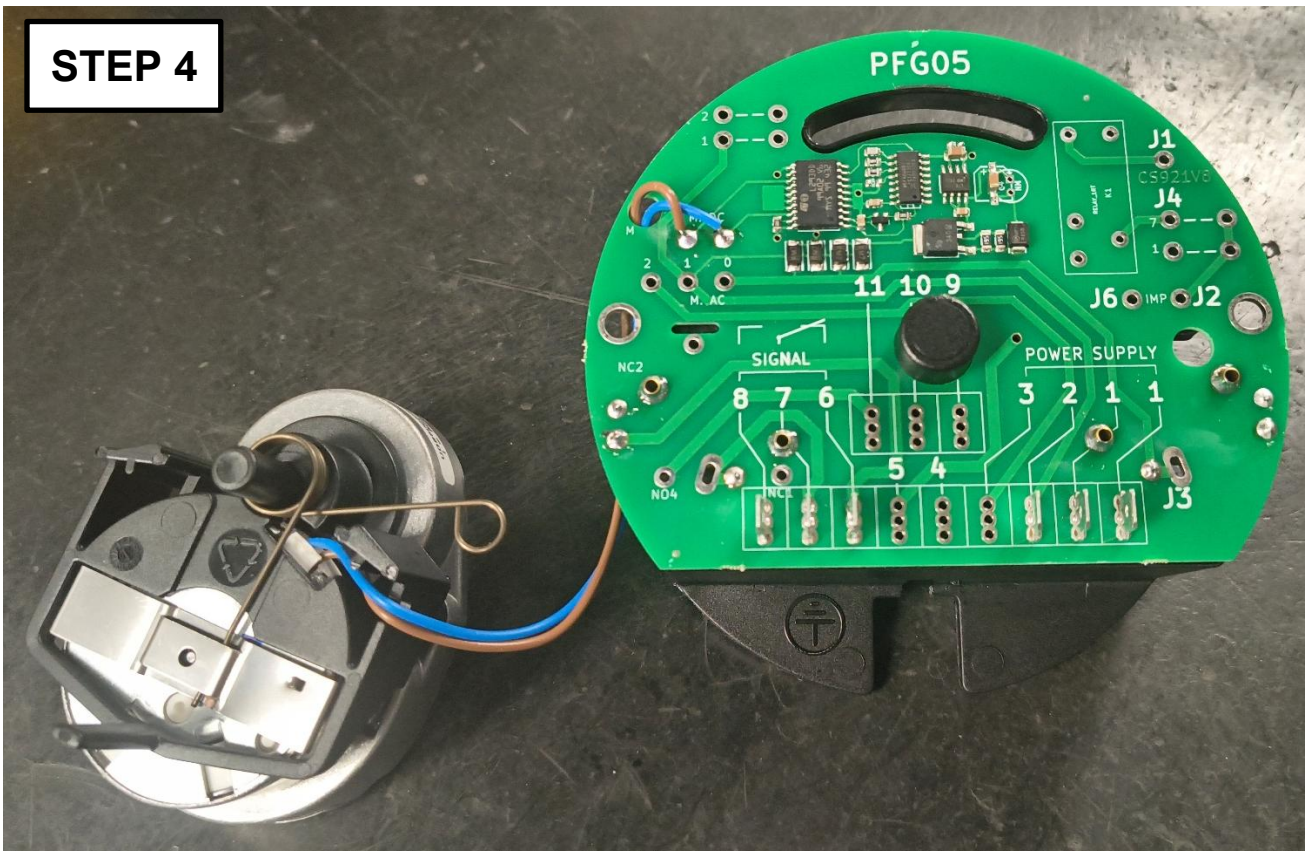
To begin, remove the lid of the instrument by unscrewing the **three M5x20 screws**.



Next, remove the printed circuit board and its black mounting bracket, after unscrewing the **two M5x10 screws** that secure it to the housing.

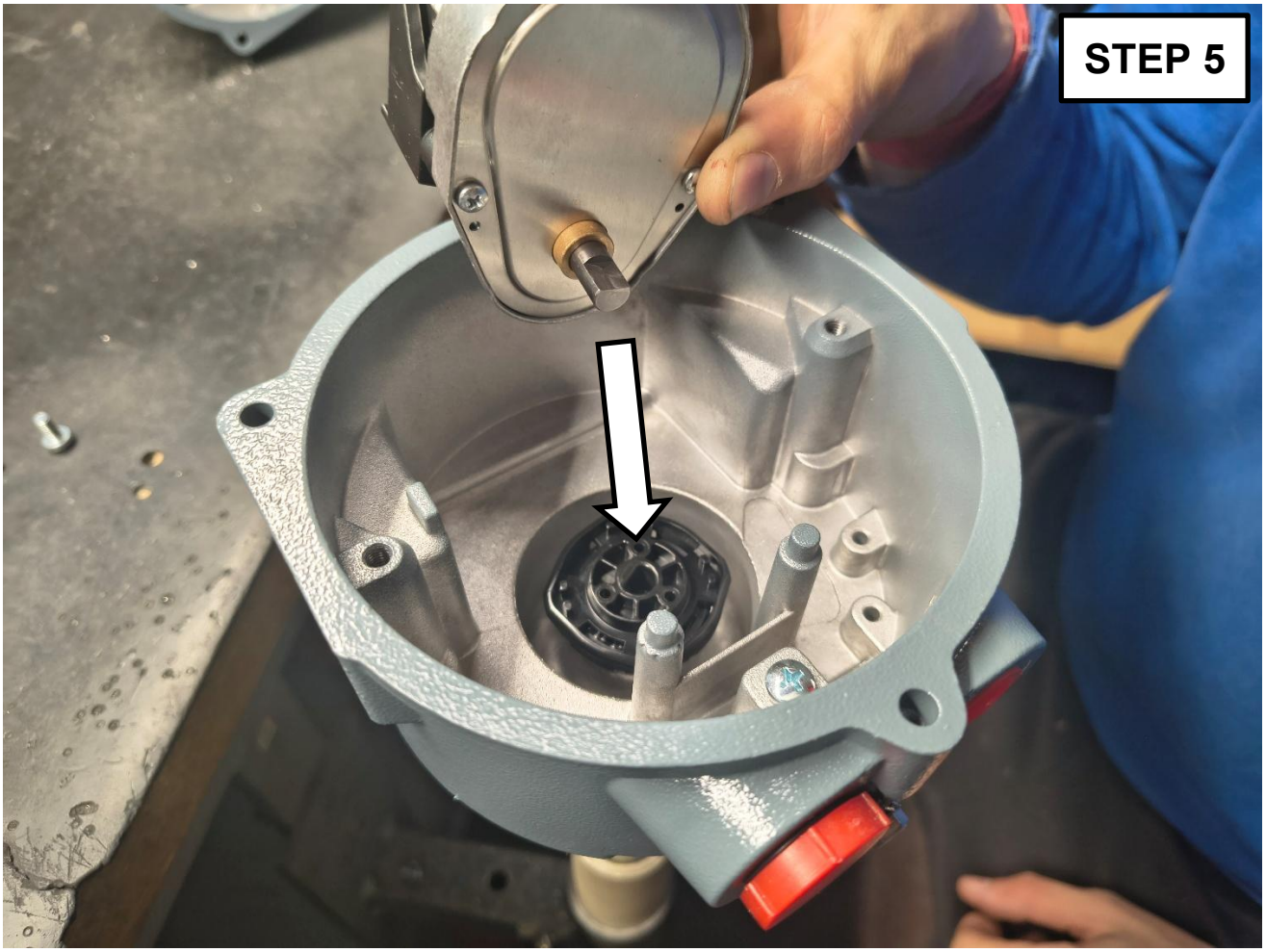


Detach the end of the **return spring** from the support column and then remove it together with the **gear motor** by lifting them upwards.

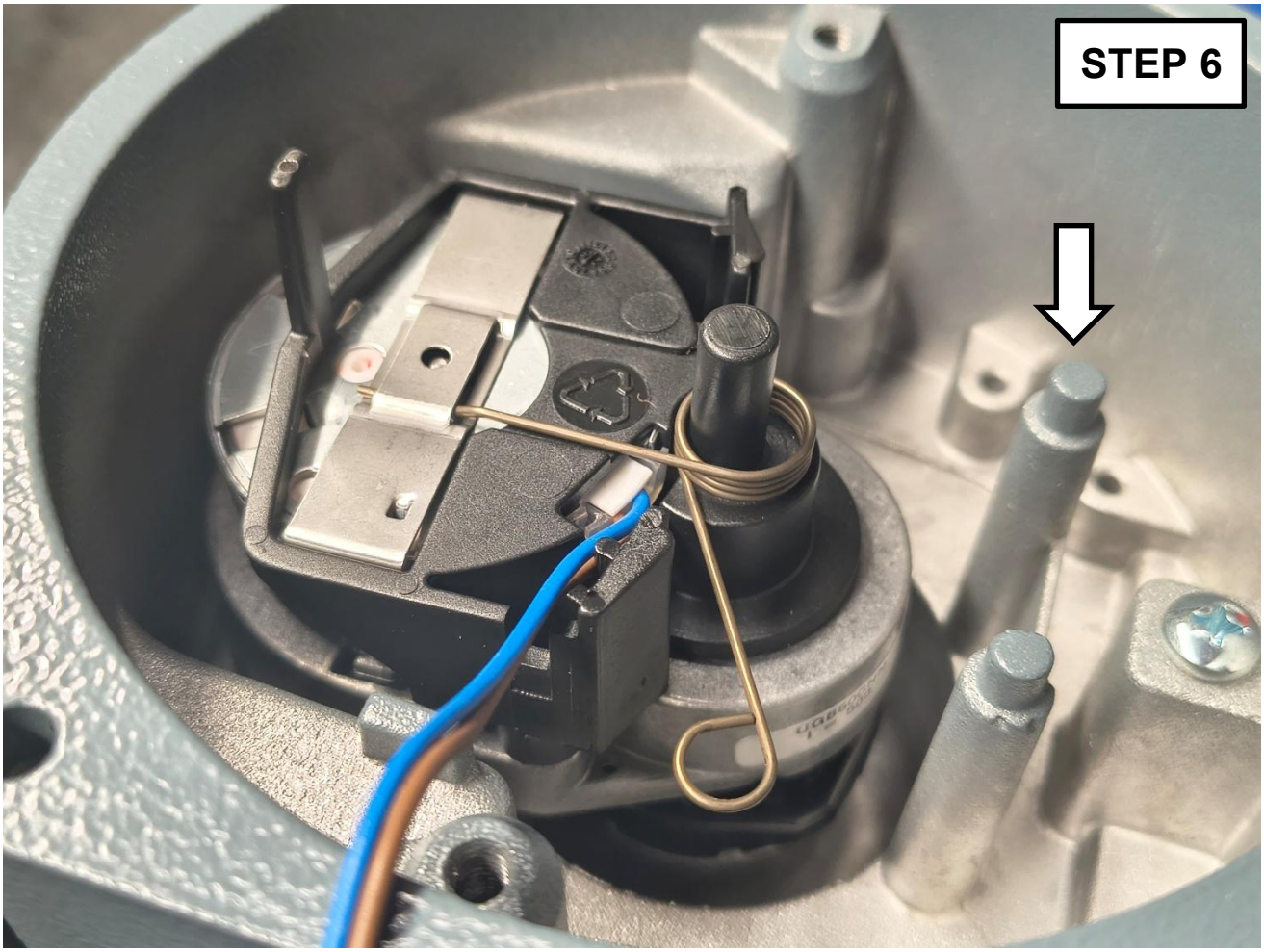


The spare parts are: printed circuit board with its plastic base, gear motor with a plastic cover and return spring.

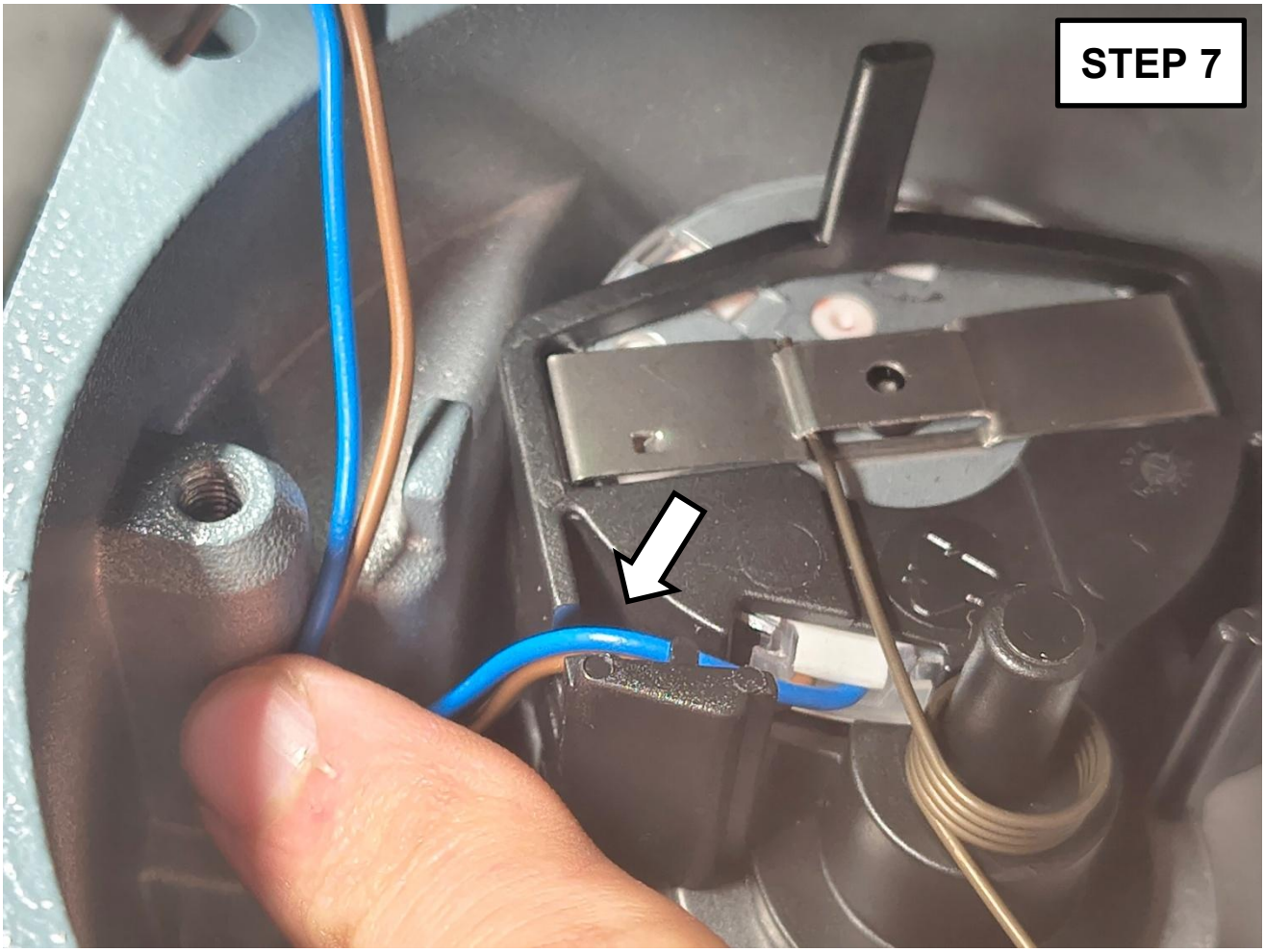
Make sure the return spring is inserted correctly into the gear motor and plastic cover as shown in the picture above.



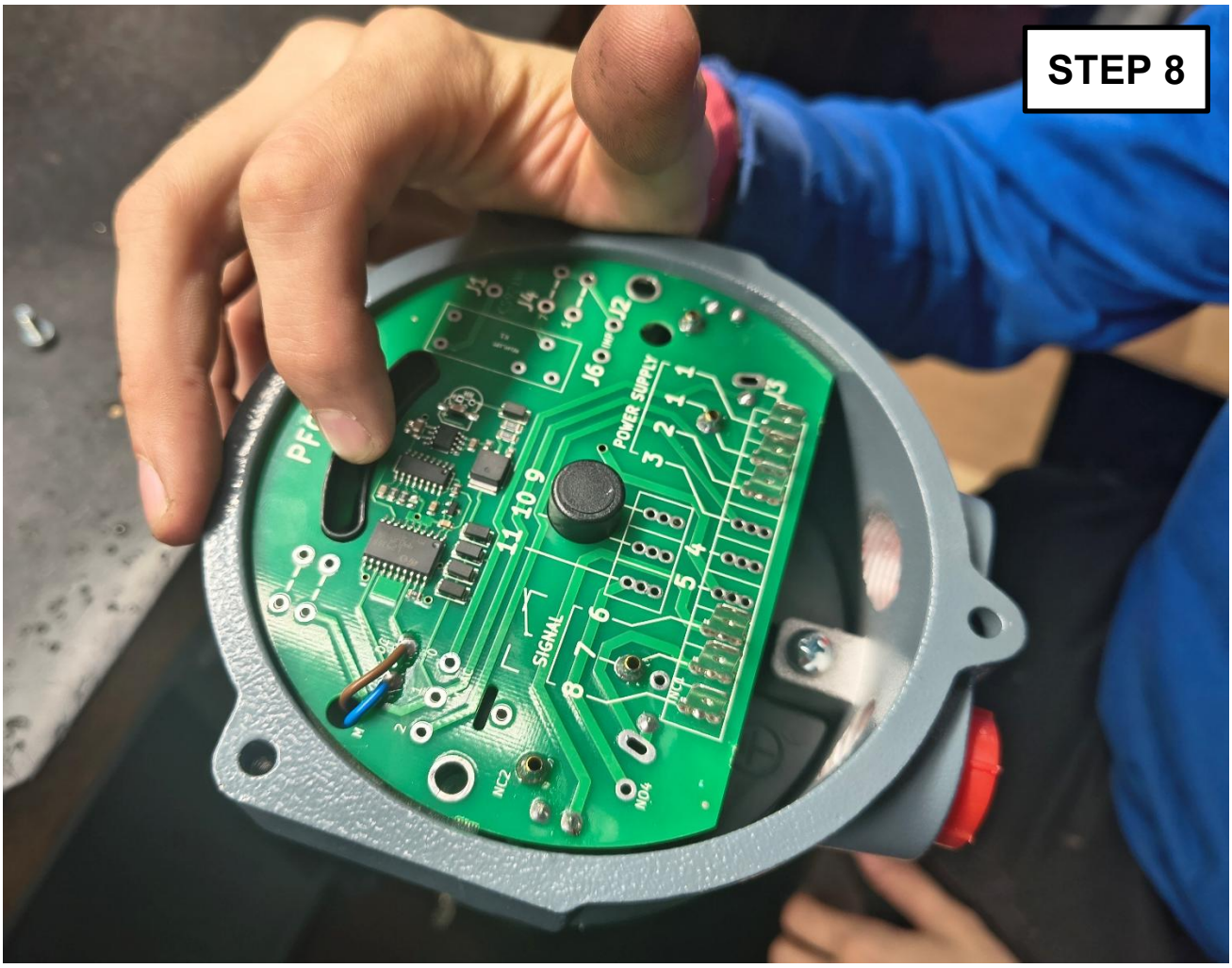
Insert the gearbox shaft into the corresponding socket on the clutch.



Insert the end of the return spring into the support bracket shown in the photo above.



Make sure the gear motor cables are positioned inside the slot on the left-hand side of the black plastic cover. Gently push them downwards so that they do not get in the way when positioning the printed circuit board.



When assembling the printed circuit board, take care to keep the tab on the black plastic cover of the gear motor in the central position, as shown in the image above.

Secure the printed circuit board in place using the **two M5x10 screws** that were removed earlier.

Then close the housing by tightening the **three M5x20** screws.

3 REVISION

Revisione N. *Revision N.*	**Data** *Date*	**Descrizione dei cambiamenti** *Description of the changes*
0	25/09/2020	First issue
1	16/04/2026	General rewriting