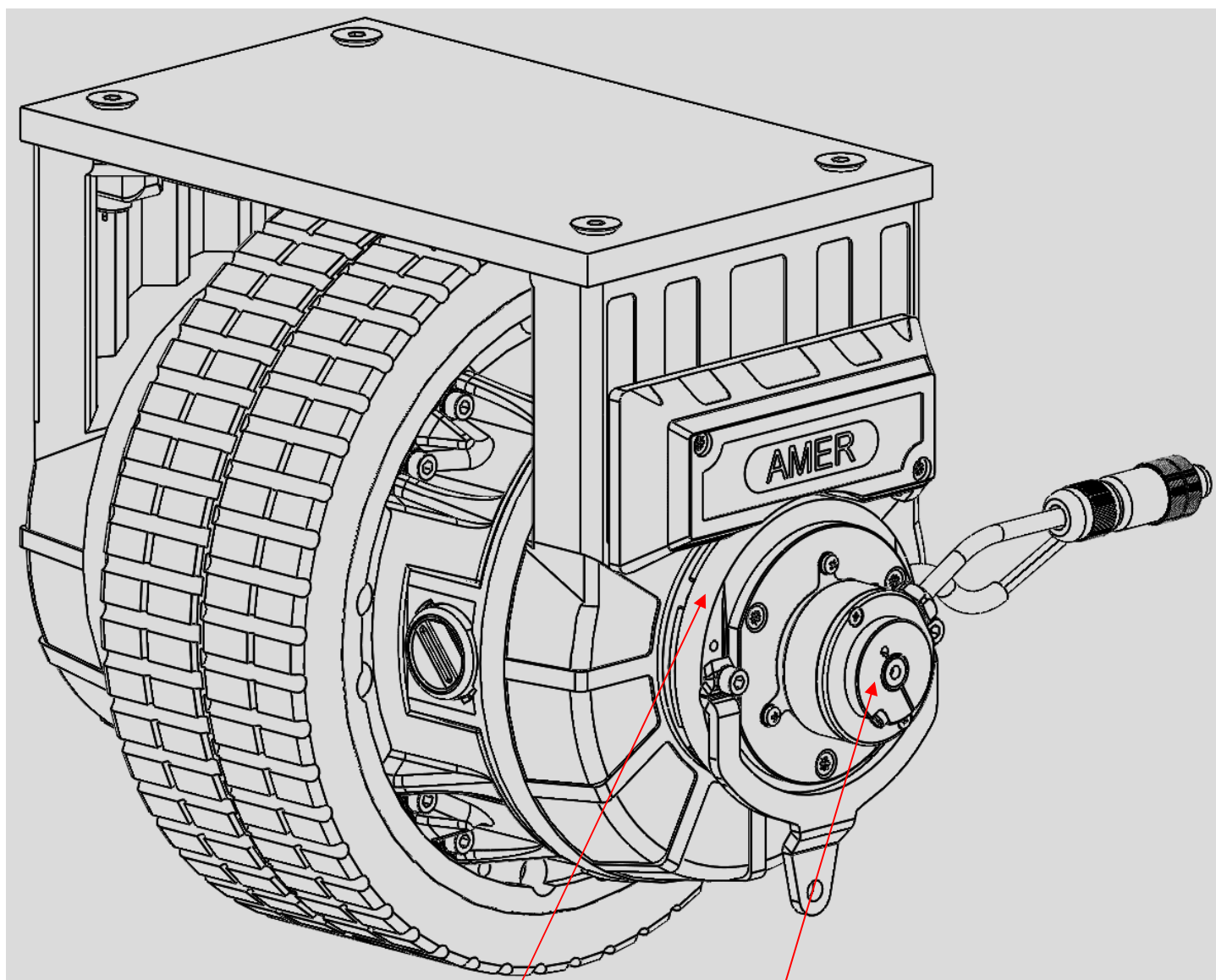


Motorwheel assembled

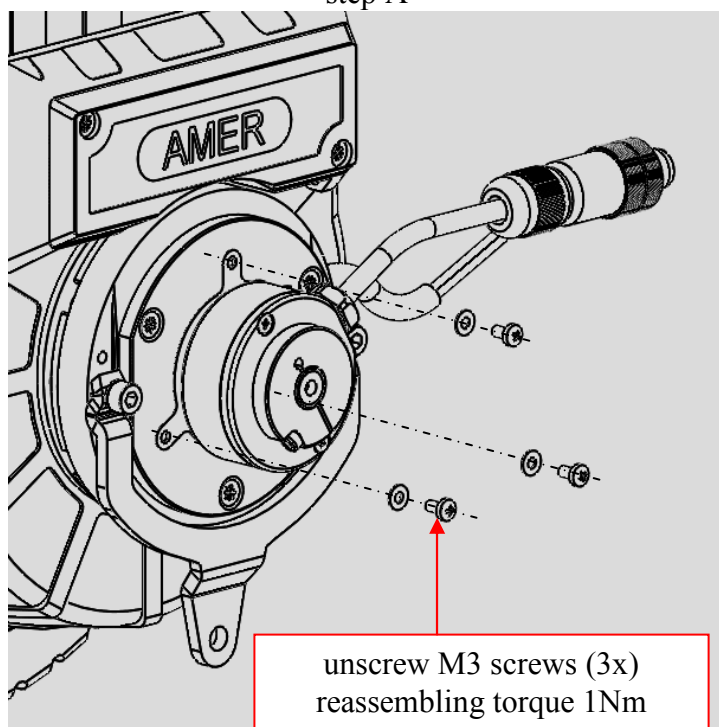


Brake 8Nm with relaise lever

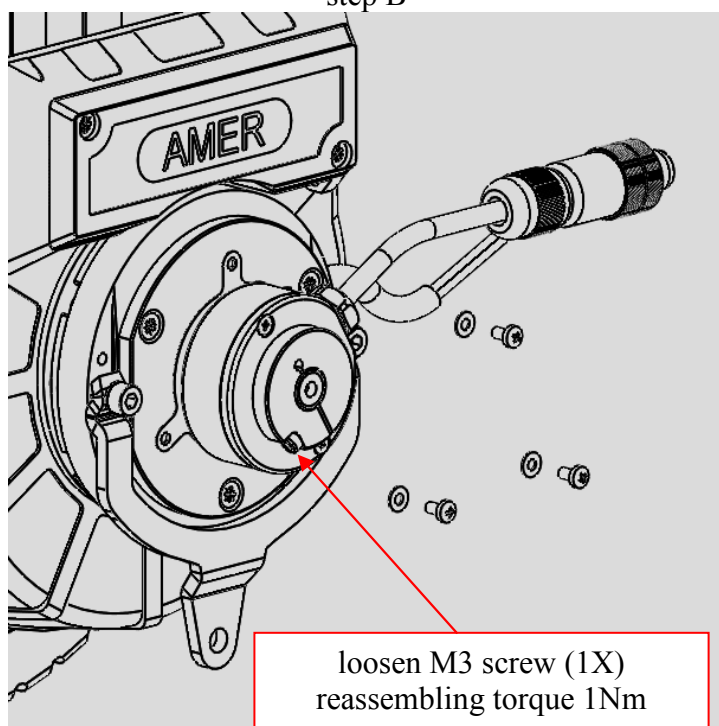
Encoder EH50FP500S5/30L10X6PR

Disassembly encoder

step A

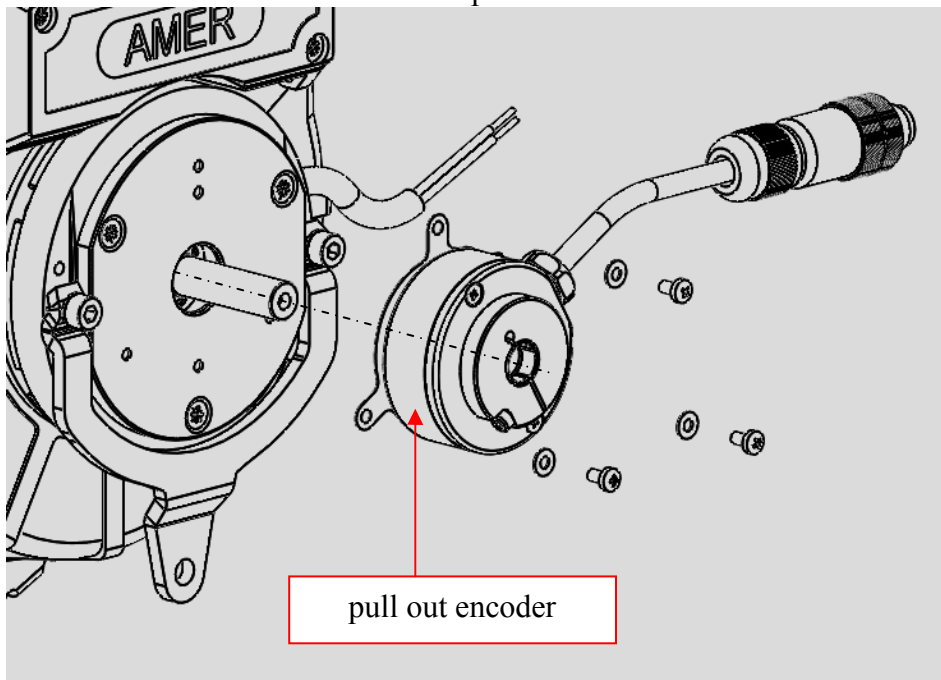


step B



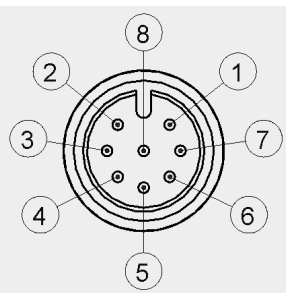
Title: Brake and encoder installation and maintenance

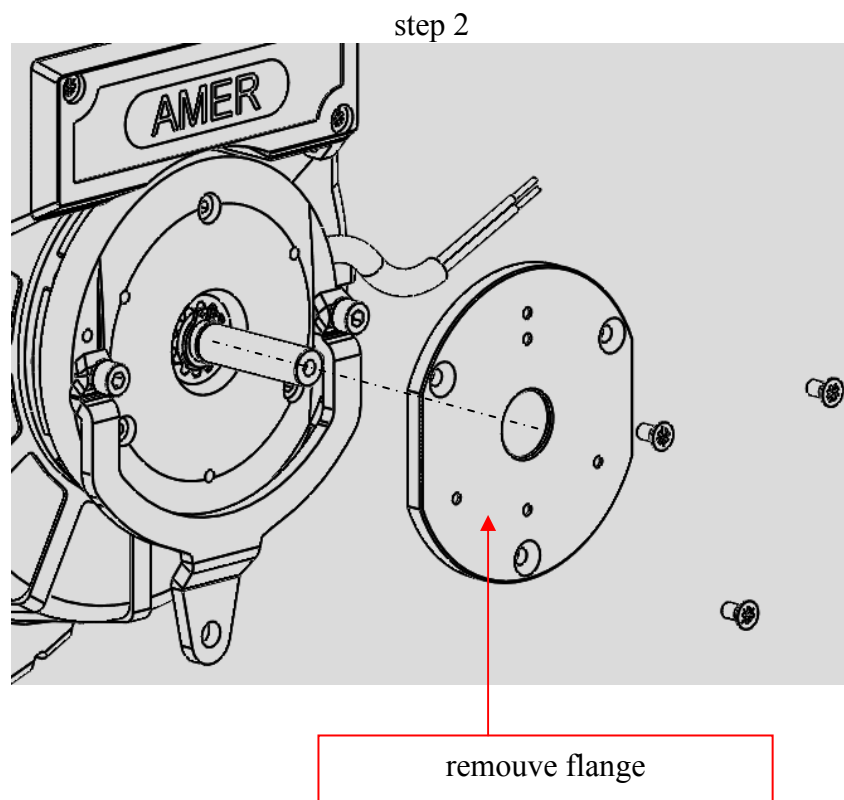
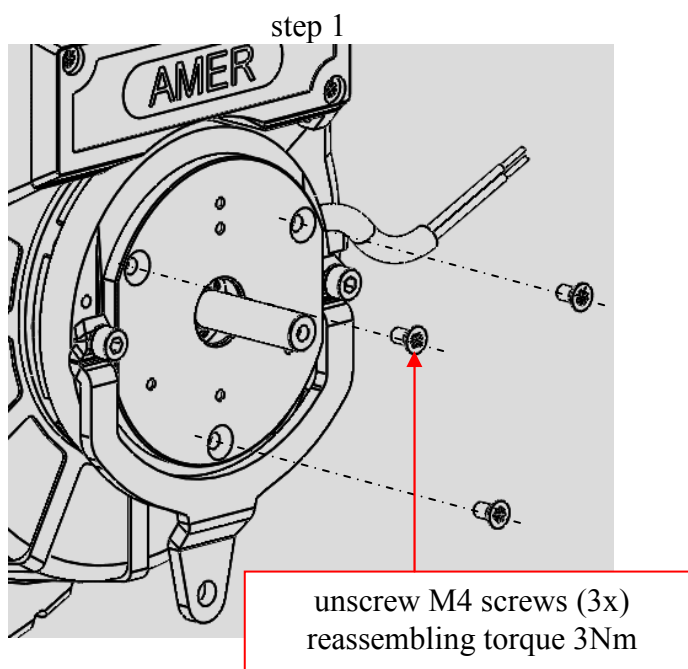
step C



ENCODER
EH50FP500S5/30L10X6PR
-500 pulses/rev
-without zero pulse
-5...30 VDC
-universal line driver HTL / TTL
-no commutation
-quadrature A-B signal
-IP65

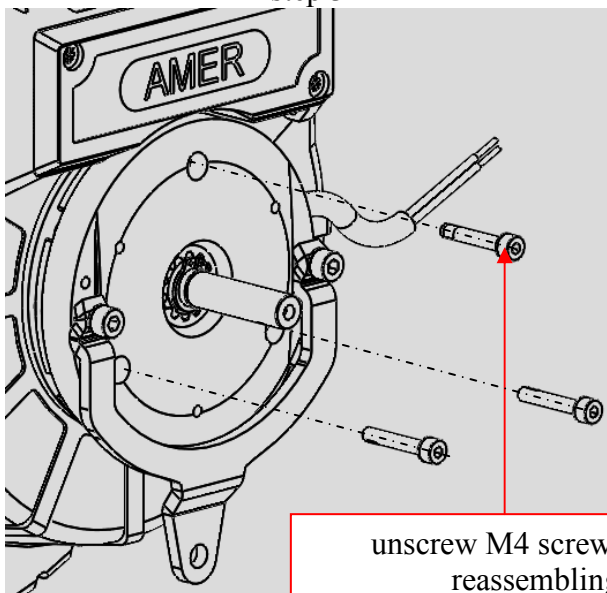
ENCODER CONNECTIONS		
Function	Cable colour	Pin
0 V	BLACK	7
Z +	BLUE	6 (not used)
B -	ORANGE	5
B +	YELLOW	4
A -	GRAY or BROWN	3
A +	GREEN	1
+ V dc	RED	2
Z -	WHITE	8 (not used)
	SHIELD	CASE



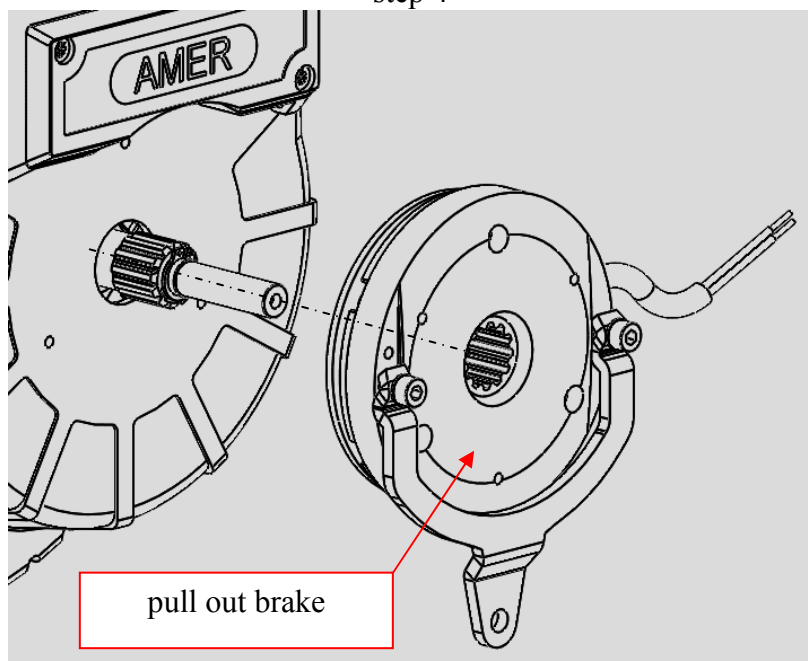
Disassembly electric brake with flange encoder

Title: Brake and encoder installation and maintenance

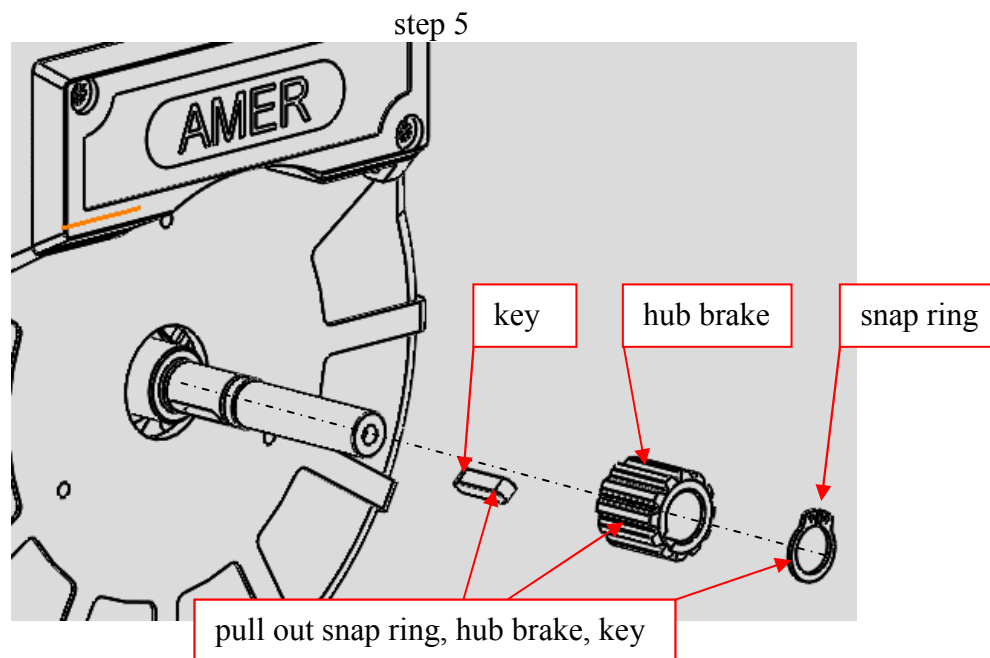
step 3



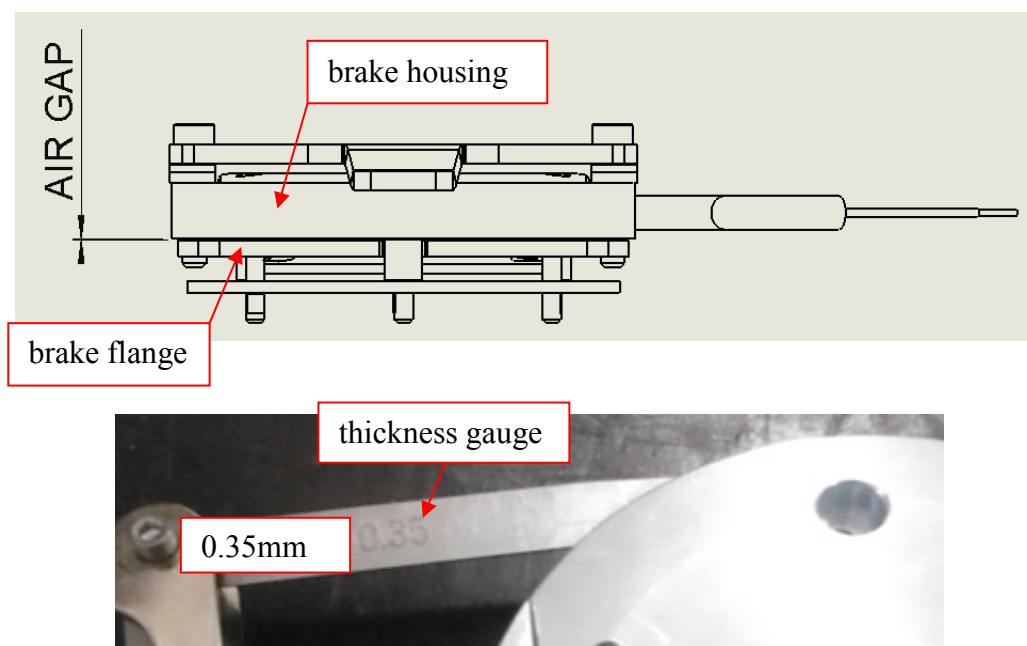
step 4



	OPERATIVE INSTRUCTION	24/05/2018
Title:	Brake and encoder installation and maintenance	



Electro brake must be checked periodically
Measure air gap with thickness gauge. See the images below.
Brake air gap is 0.2 ± 0.05 mm nominal, when air gap arrives to 0.35mm it needs to be replaced.
The air gap is not adjustable during brake life.



If the 0.35mm thickness gauge enter to the air gap between the brake flange and brake housing replace it.