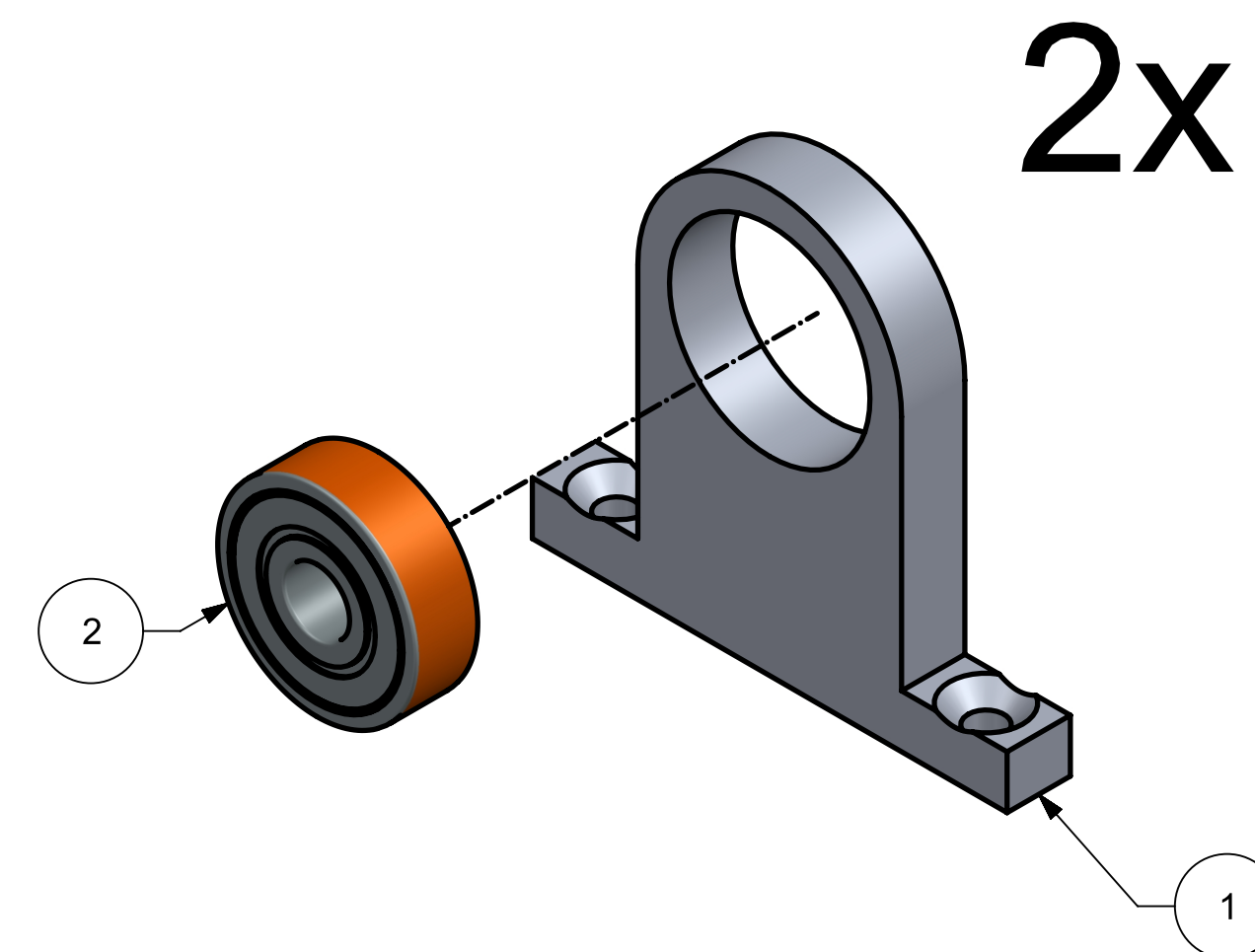
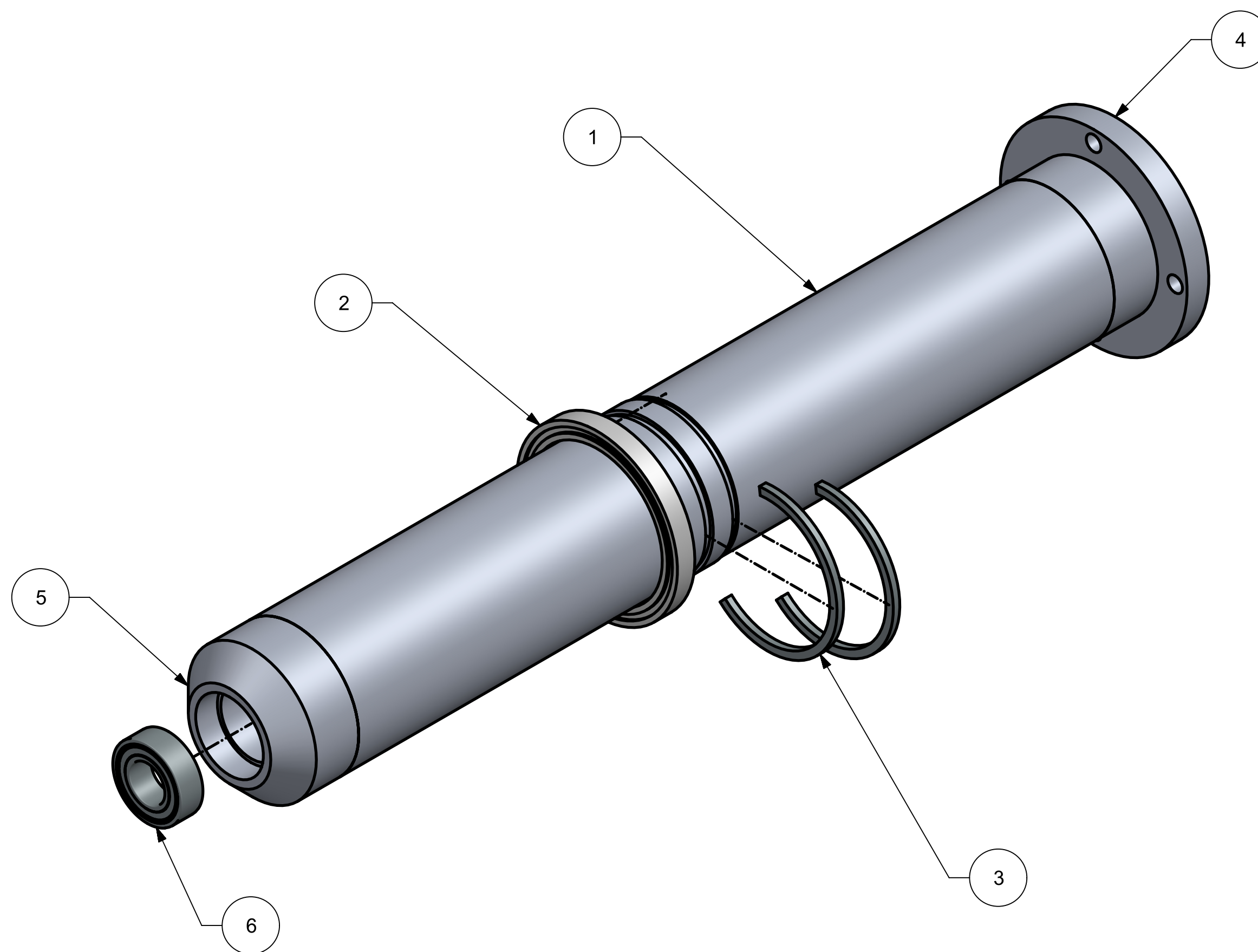


Required Tools:
- Rubber Mallet
- Allen key set
- Loctite 638

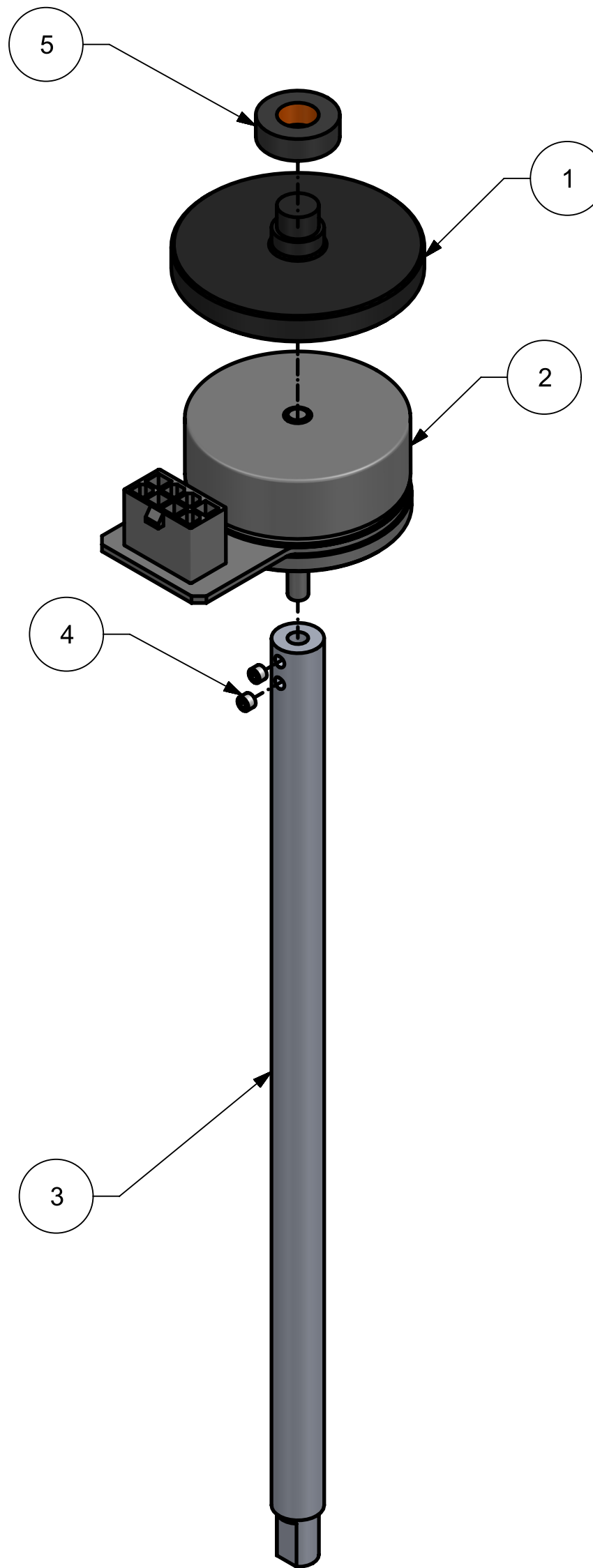


2	BALL BEARING SKF 626-2RSH	2
1	CWC-CY0011-P99_BEARING BRACKET	2
PC NO	PART NAME	QTY

Apply a drop of Loctite 638 to outer bearing ring for optimal hold

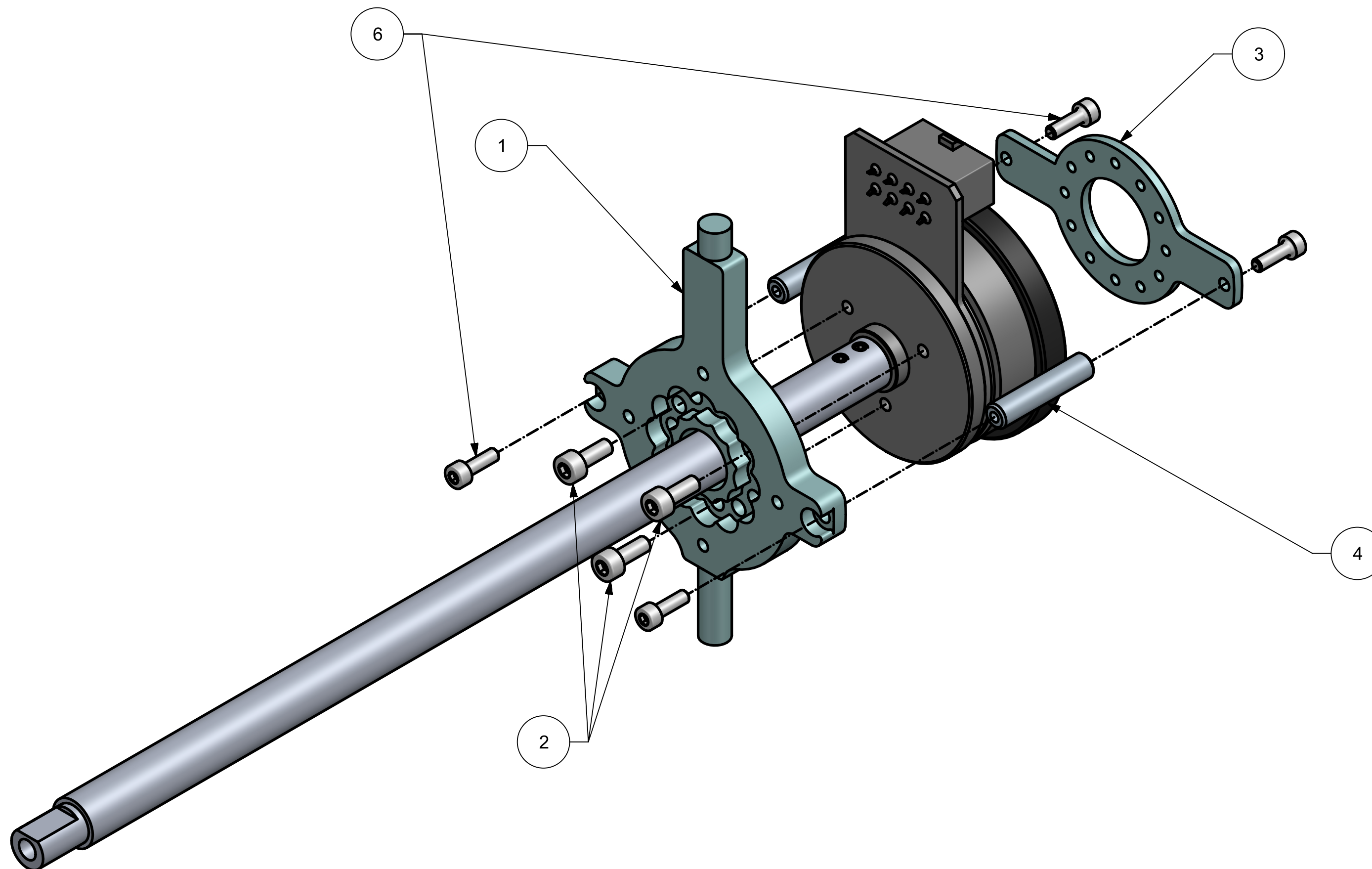
The bearing (6) is not glued, as it has a transition fit.
To assemble: Force it into the holder (5) (e.g. Press, Hammer, etc.)

6	BALL BEARING SKF 628 8-2Z	1
5	CWC-CY0020-P99_CYLINDER LOWER BEARING HOLDER	1
4	CWC-CY0017-P99_CYLINDER FLANGE	1
3	CWC-CY0025-P99_CYLINDER BEARING HOLDER	2
2	BALL BEARING IGUS BB-6706-B180-30-ES-1	1
1	CWC-CY0018-P99_CYLINDER TUBE OUTER	1
PC NO	PART NAME	QTY

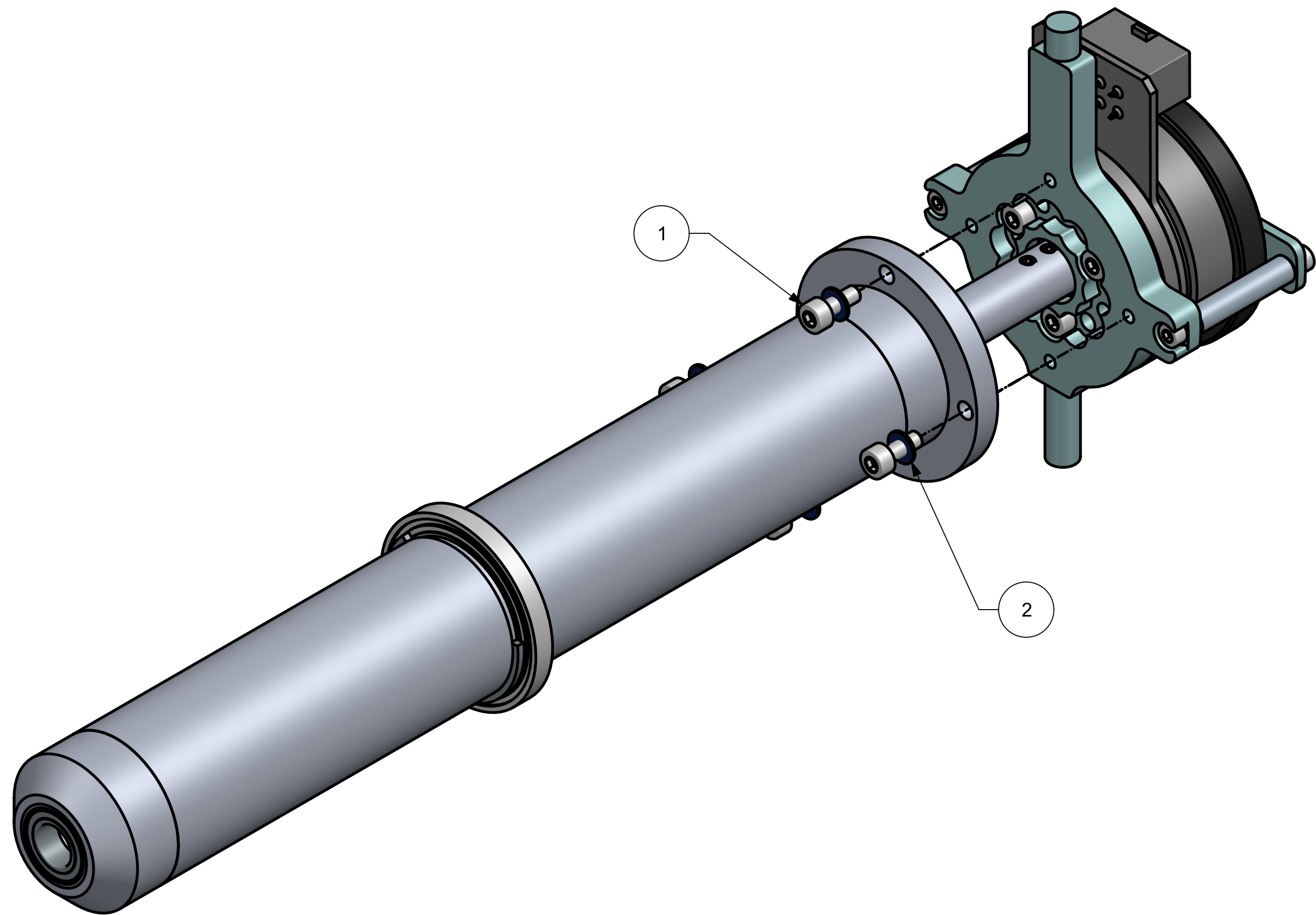


Glue the encoder magnet (5) to the magnet holder (1) with Loctite 638
Push in the cylinder shaft (3) fully

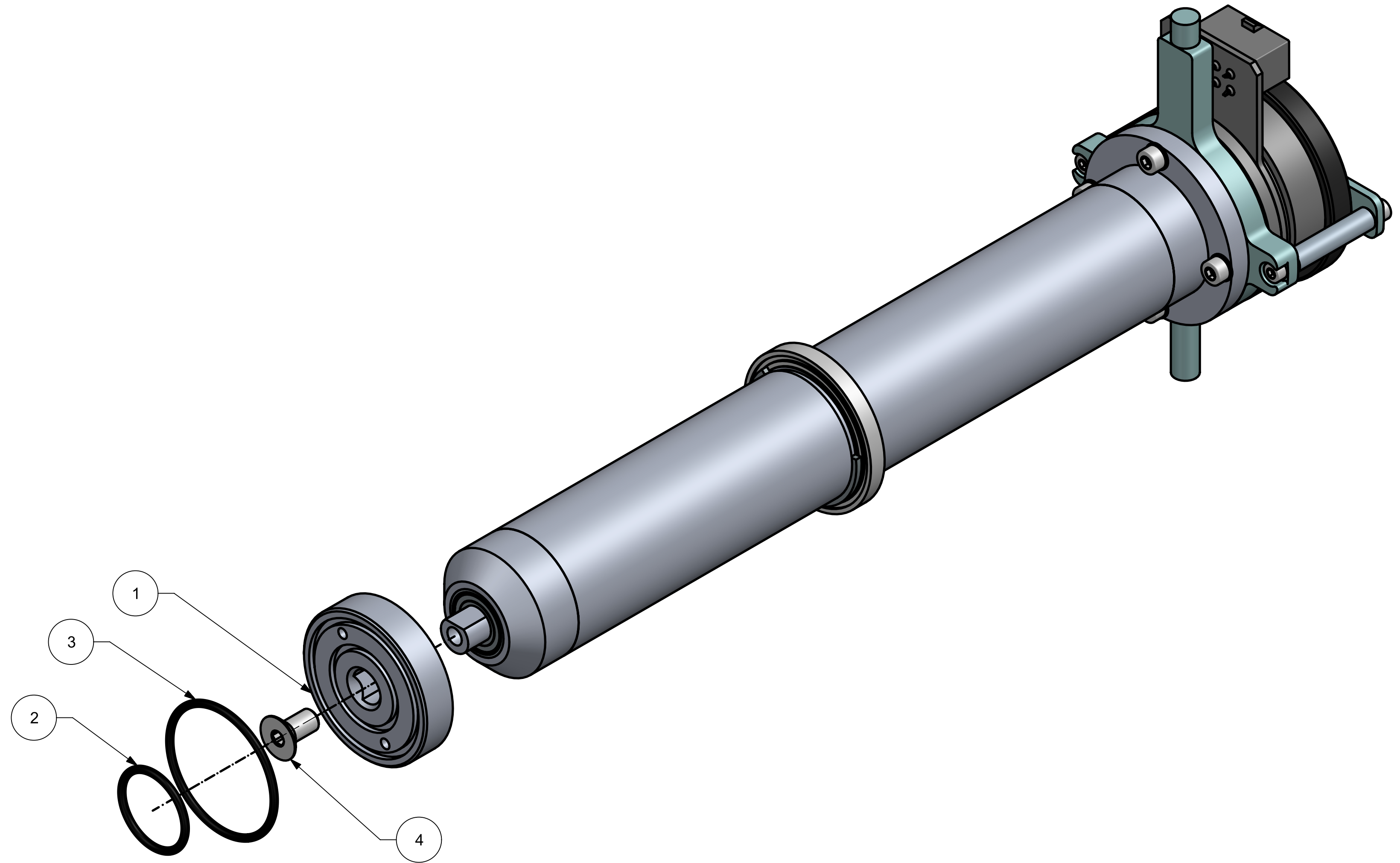
5	ENCODER MAGNET PHOENIX AMERICA BORE 315	1
4	BN618-1748483 M3X3 HEX SOCKET SET SCREW	2
3	CWC-CY0019-P99_CYLINDER SHAFT	1
2	MOTOR MAXON BRUSHLESS 339285	1
1	CWC-CY0015-P99_ENCODER MAGNET HOLDER	1
PC NO	PART NAME	QTY



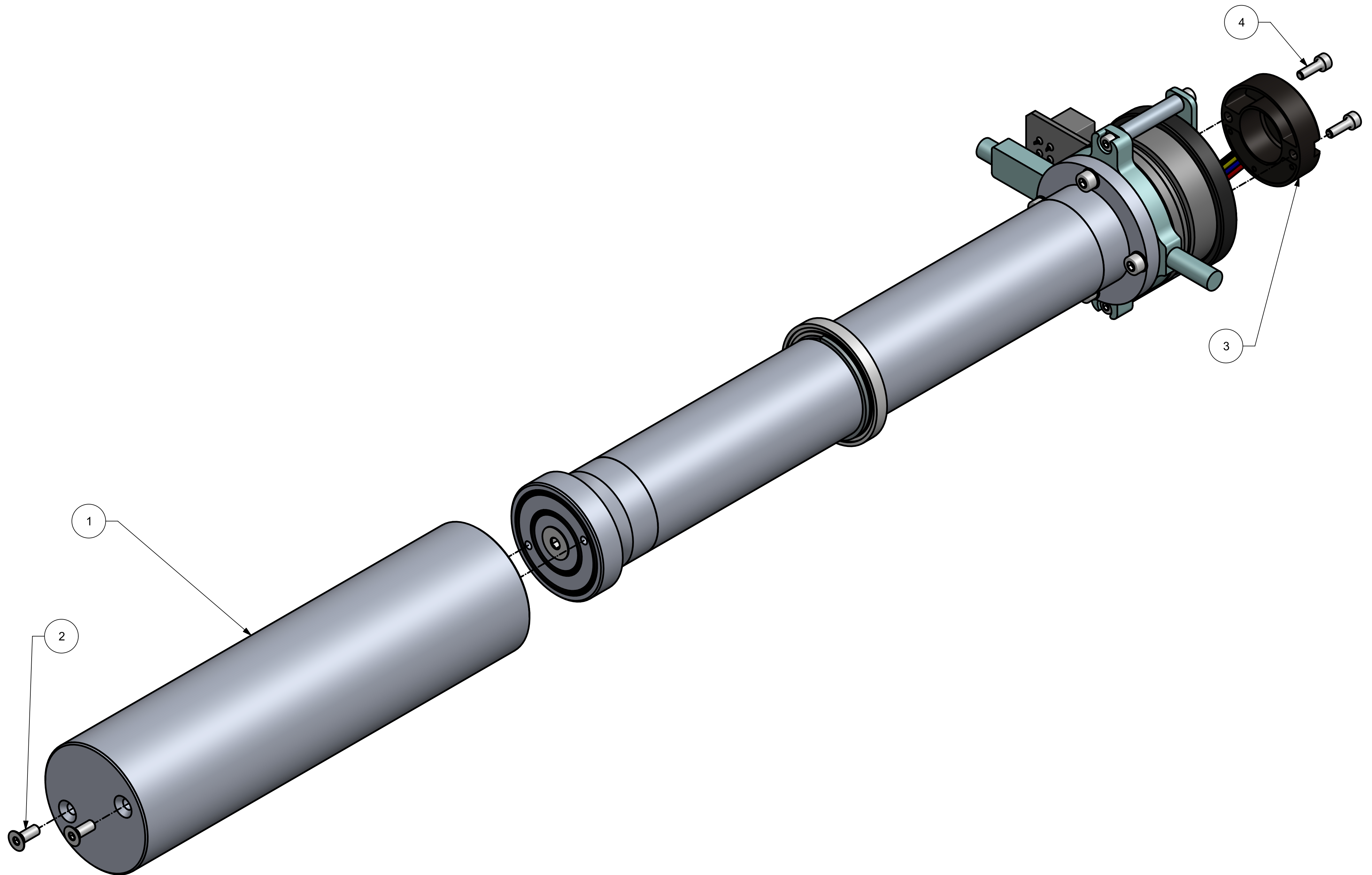
6	BN610-1422111 M2.5X8 HEX SOCKET SCREW	4
5	ENCODER MAGNET PHOENIX AMERICA BORE 315	1
4	CWC-CY0013-P99_ENCODER BRACKET STANDOFF	2
3	CWC-CY0014-P99_ENCODER BRACKET	1
2	BN610-1233114 M3X8 SCREW HEX SOCKET	3
1	CWC-CY0012-P99_MOTOR MOUNTING PLATE	1
PC NO	PART NAME	QTY



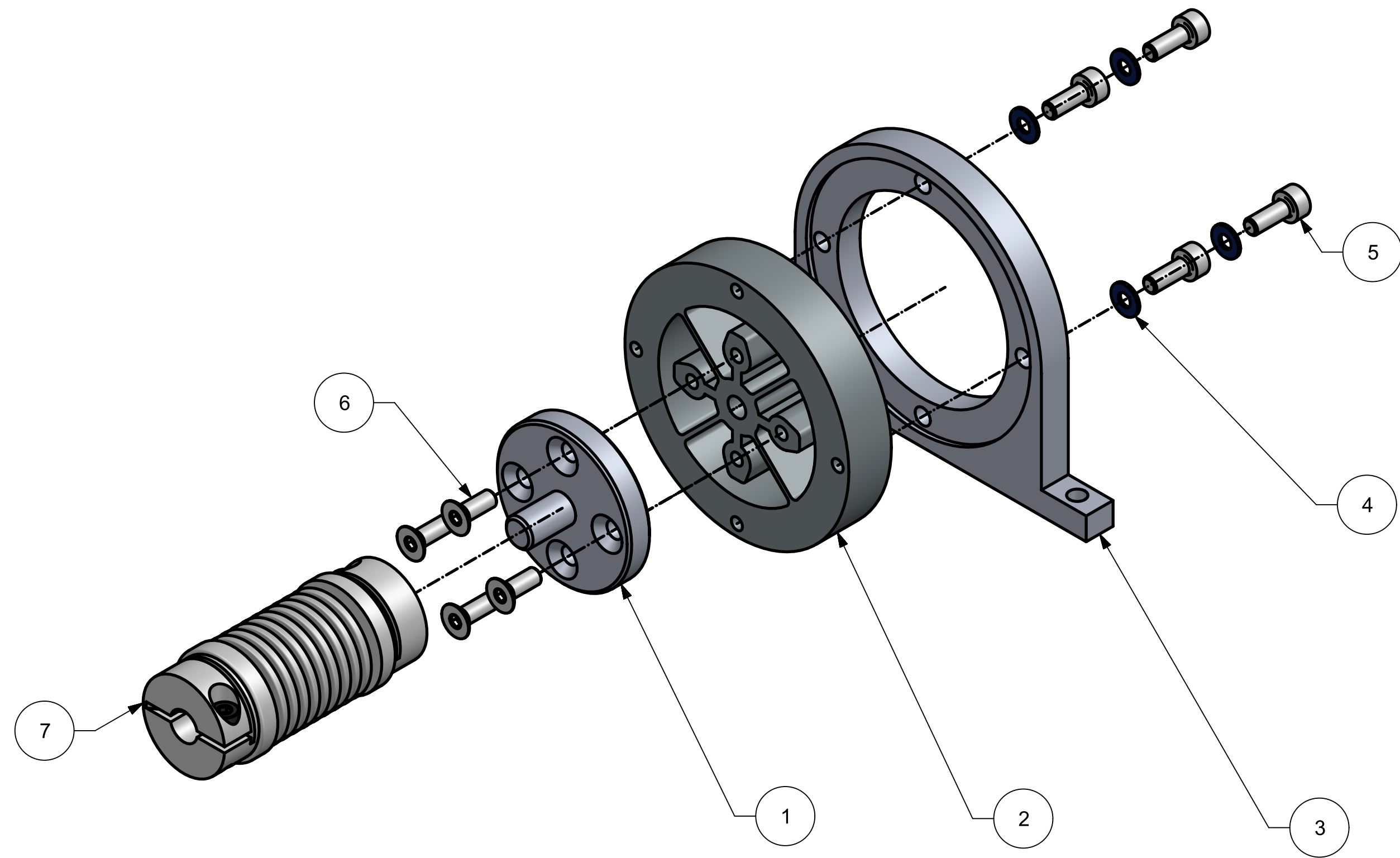
2	BN715-1777491 FLAT WASHER M3	4
1	BN610-1233114 M3X8 SCREW HEX SOCKET	4
PC NO	PART NAME	QTY



4	BN616-1235249 M5X10 SCREW HEX COUNTERSUNK	1
3	O-RING D1-29 D2-1.5 NORELEM 23900-102900150	1
2	O-RING D1-15 D2-1.5 NORELEM 23900-101700150	1
1	CWC-CY0021-P99_CYLINDER CONNECTOR	1
PC NO	PART NAME	QTY



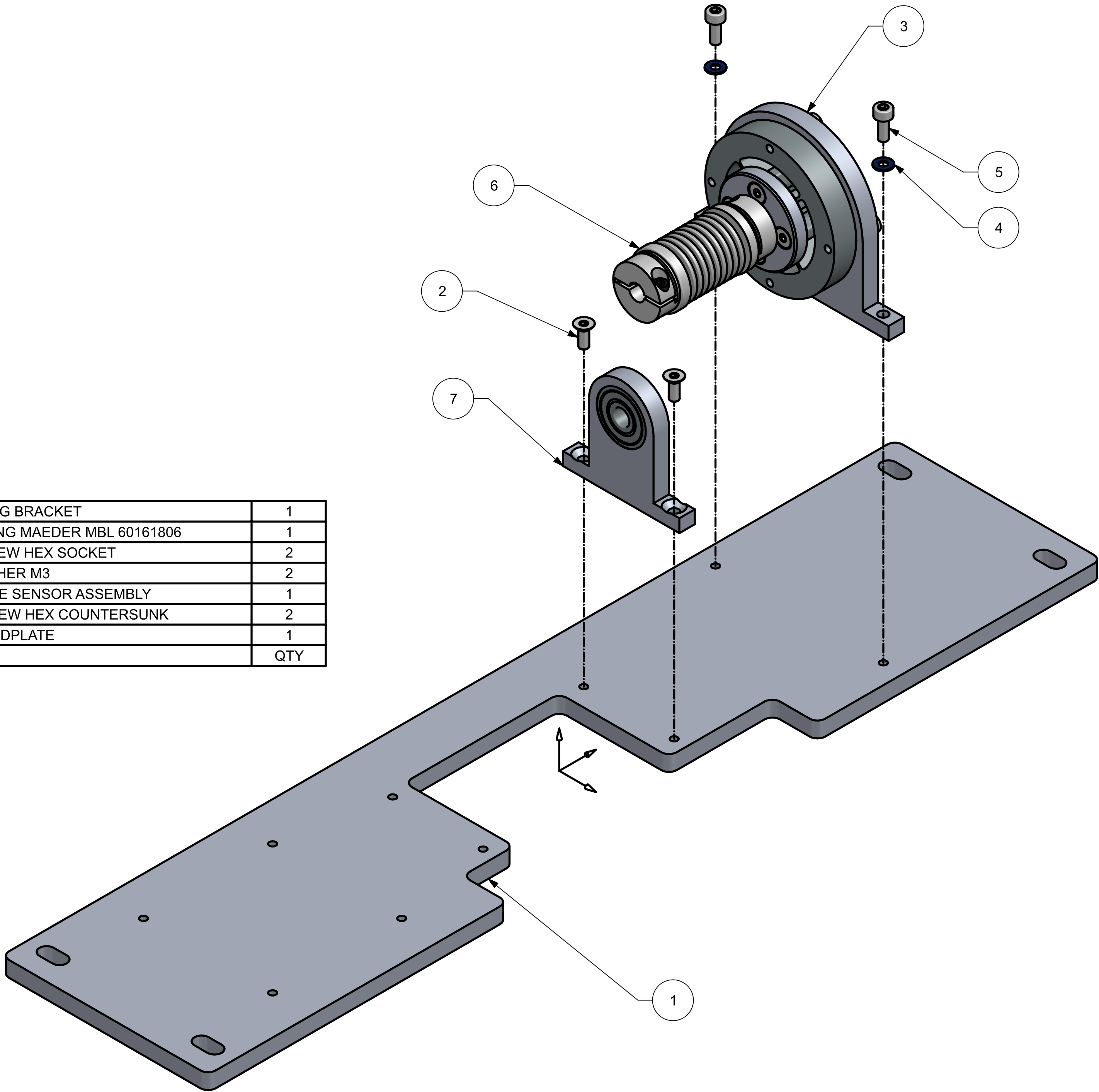
4	BN610-1422111 M2.5X8 HEX SOCKET SCREW	2
3	ENCODER PHOENIX AMERICA H4-640	1
2	BN616-1076469 M3X8 SCREW HEX COUNTERSUNK	2
1	CWC-CY0022-P99_CYLINDER	1
PC NO	PART NAME	QTY

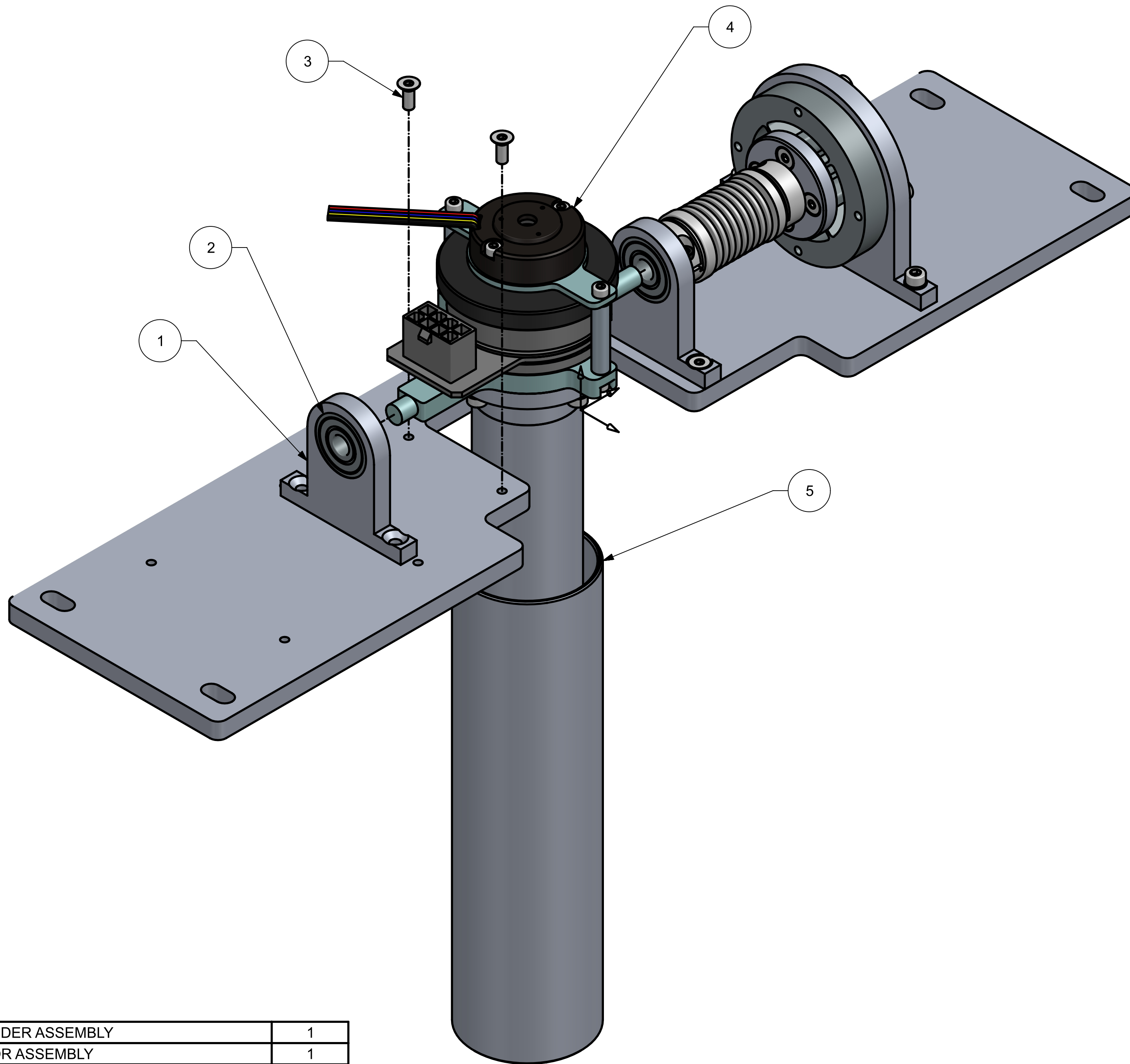


To protect the torque sensor, do not tighten the screw clamping the shaft (1) and coupling (7)

7	METAL BELLOWS COUPLING MAEDER MBL 60161806	1
6	BN616-1076469 M3X8 SCREW HEX COUNTERSUNK	4
5	BN610-1233114 M3X8 SCREW HEX SOCKET	4
4	BN715-1777491 FLAT WASHER M3	4
3	CWC-CY0024-P99_TORQUE SENSOR BRACKET	1
2	TORQUE SENSOR TRANSMETRA TD50	1
1	CWC-CY0023-P99_TORQUE SENSOR SHAFT	1
PC NO	PART NAME	QTY

7	CWC-CY0011-P99_BEARING BRACKET	1
6	METAL BELLOWS COUPLING MAEDER MBL 60161806	1
5	BN610-1233114 M3X8 SCREW HEX SOCKET	2
4	BN715-1777491 FLAT WASHER M3	2
3	CWC-CY0005-A99_TORQUE SENSOR ASSEMBLY	1
2	BN616-1076469 M3X8 SCREW HEX COUNTERSUNK	2
1	CWC-CY0010-P99_GROUNDPLATE	1
PC NO	PART NAME	QTY





5	CWC-CY0001-A99_CYLINDER ASSEMBLY	1
4	CWC-CY0002-A99_MOTOR ASSEMBLY	1
3	BN616-1076469 M3X8 SCREW HEX COUNTERSUNK	2
2	BALL BEARING SKF 626-2RSH	1
1	CWC-CY0011-P99_BEARING BRACKET	1
PC NO	PART NAME	QTY

8	CONNECTOR MOLEX MICROFIT 2X3 SOCKET 430200608	1
7	CONNECTOR MOLEX MINIFIT 2X2 SOCKET 39012041	1
6	CWC-CY0028-P99_ENCODER TRANSLATER BOX	1
5	CWC-EL0009-P99_ENCODER TRANSLATOR PCB	1
4	BN37885-3794588 M3 THREADED INSERT	4
3	CWC-CY0027-P99_ENCODER TRANSLATER BOX LID	1
2	BN715-1777491 FLAT WASHER M3	8
1	BN610-1233114 M3X8 SCREW HEX SOCKET	8
PC NO	PART NAME	QTY

