

FEIN - Repair - Tools



WPO 14 - 25 E / WPO 14 - 15 E

The motors of the polisher WPO 14 are based on the angle grinder WSG 14. If there are any questions for repair, service or maintenance intervals please use the repair instruction for WSS / WSG 14.

For the polisher WPO 14 the same safety and test instructions are valid as for the angle grinders WSS / WSG 14.

Spare part lists and drawings, please see internet:

[www.fein.de/FEIN Service/ETK](http://www.fein.de/FEIN_Service/ETK)



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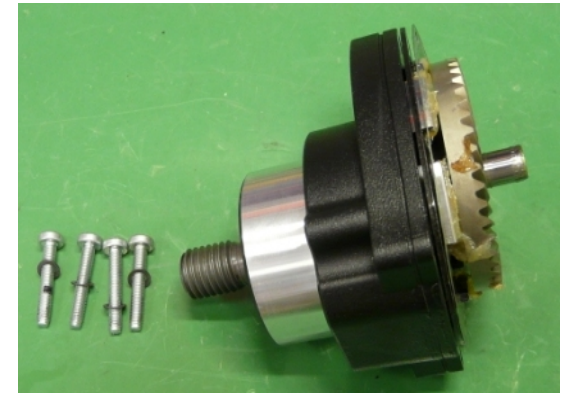
1. Technical data

Order number	7 221 48 00 230 / 7 221 49 00 230		
Type	<u>WPO 14 - 15 E</u> / <u>WPO 14 - 25 E</u>		
No load speed	rpm	500 - 1500	900 - 2500
Power input	watts	1200	1200
Power output	watts	750	750
Current type			1~
Safety class			II
Cable length			4 m
Weight (without cable)	kg	2,4	2,4
Polishing pad Ø	mm		250
Spindle thread	mm		M14

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2. Disassembling – Gearbox



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1. Loosen the screws for the plastic cover and take it off.
 2. Loosen 4 screws on the intermediate housing and take it off.

Tools:

- Allen key SW 5
- screwdriver Torx 20

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3. Disassembling - Plate



1. Disassemble intermediate housing and plate. – Attention surface sealing !!!
2. Drive out the accessory shaft with slightly hammer hits from the plate.
3. Press out the accessory shaft from the gear.
4. Press the ball bearing down from the accessory shaft.

Tools:

- Mandrel press
- Bush
- Bush



4. Disassembling – Intermediate housing



1. Press the drive shaft with the ball bearing out of the intermediate housing.
2. Press the ball bearing down from the drive shaft.
3. Warm up the intermediate housing with a hot air gun.
4. Drive the ball bearing out of the intermediate housing with slightly hammer hits.

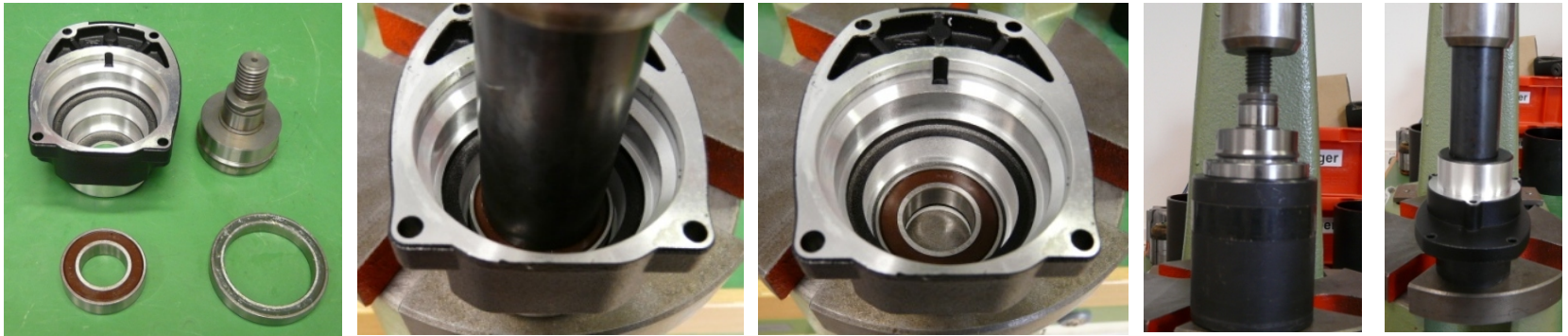
Tools:

- mandrel press
- bush
- press pin
- hot air gun

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5. Assembling – Intermediate housing



1. Press the ball bearing in to the intermediate housing.
2. Press the drive shaft in to the second ball bearing.
3. Press the pre assembled drive shaft in to the intermediate housing.

Tools:

- mandrel press
- bush
- bush

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6. Assembling - Plate



1. Press in the accessory shaft to the ball bearing.
2. Press in the pre assembled accessory shaft to the gear with cover plate.
3. Press in the preassembled accessory shaft with gear carefully to the plate.
 - Attention the bearing seat is not centered in the plate.

Tools:

- mandrel press
- bush
- bush

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7. Assembling - Gearbox



1. Put surface sealing on the plate and assemble it to the intermediate housing.
2. Put the preassembled intermediate housing on the gear box and fix it.
3. Put the plastic cover on the gear box and fix it.

Tools:

- screwdriver torx 20
- allen key sw 5
- surface sealing



8. Tools

Mandrel press	retail
Allen key SW 5	retail
Screwdriver Torx 20	retail
Surface sealing Loctite 573	retail

Bush	6 41 14 018 00 5
Bush	6 41 01 021 00 9
Press pin	6 41 14 007 00 8