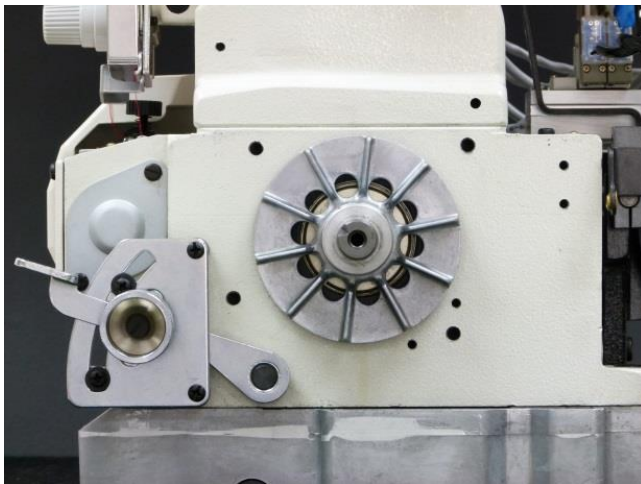
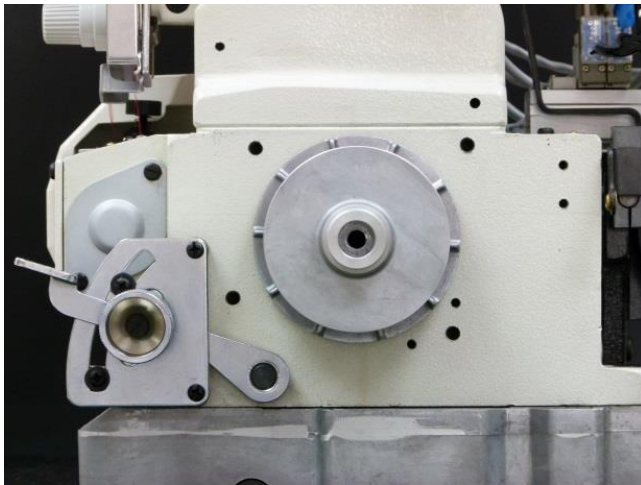


Efka motor DC1230 vertical mounted at sewing machine Pegasus

GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

1 Remove not required parts from sewing machine

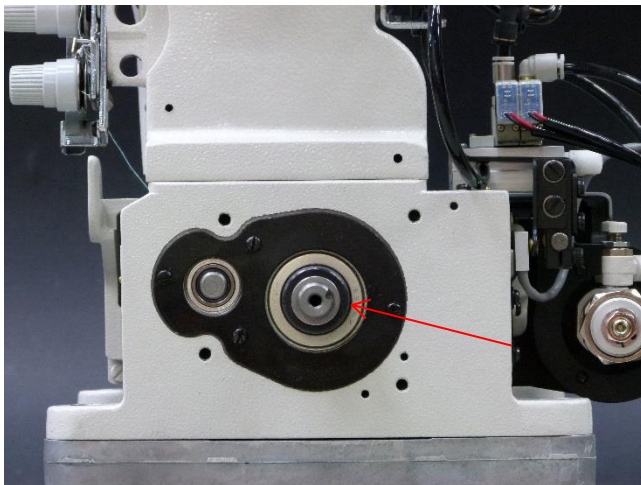
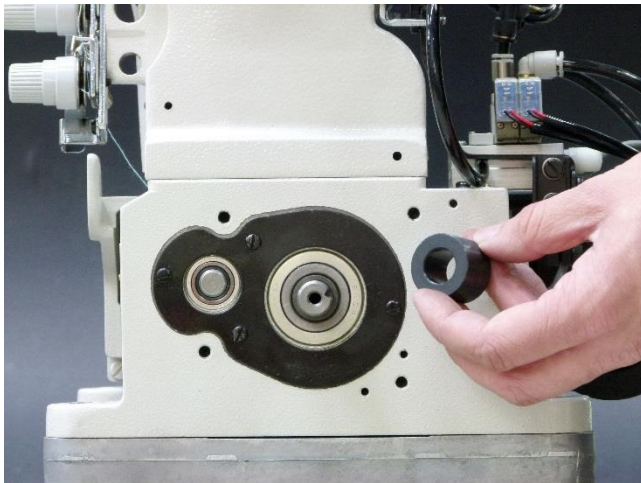
1.1 Remove pulley



Efka motor DC1230 vertical mounted at sewing machine Pegasus

GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

If there is no machine fan, the black spacer stays mounted on the machine shaft. Countinue with chapter 2."Mount toothed belt disc".

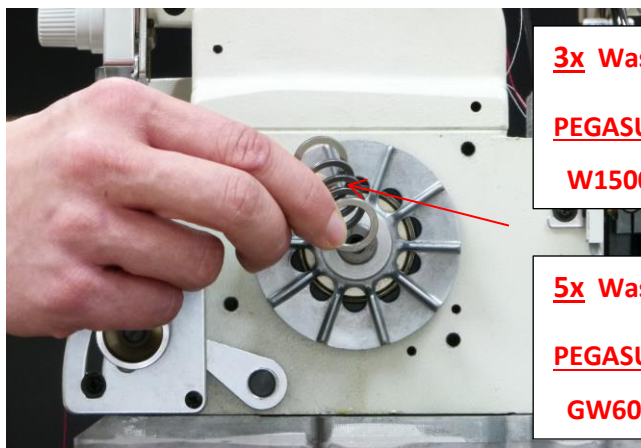


Efka motor DC1230 vertical mounted at sewing machine Pegasus

GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

2 Mount toothed belt disc

2.1 Add 3 or 5 pc. washer DIN 988 15x21x1,5mm (Efka 1304135)



3x Washer DIN 988 15x21x1,5

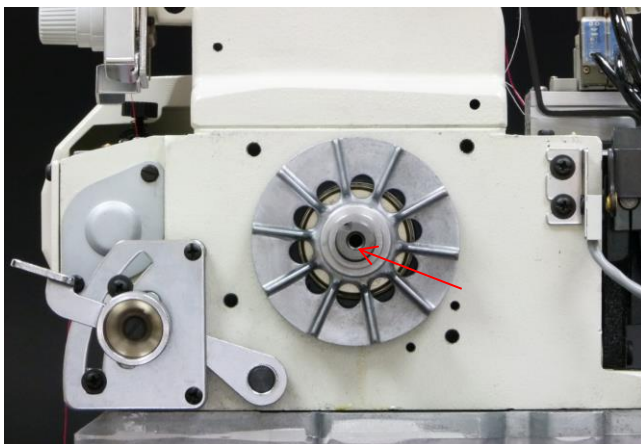
PEGASUS sewing machine

W1500P; W1600P; W2600P

5x Washer DIN 988 15x21x1,5

PEGASUS sewing machine

GW6000; W500PV; W600PV; W3500P; W3600P

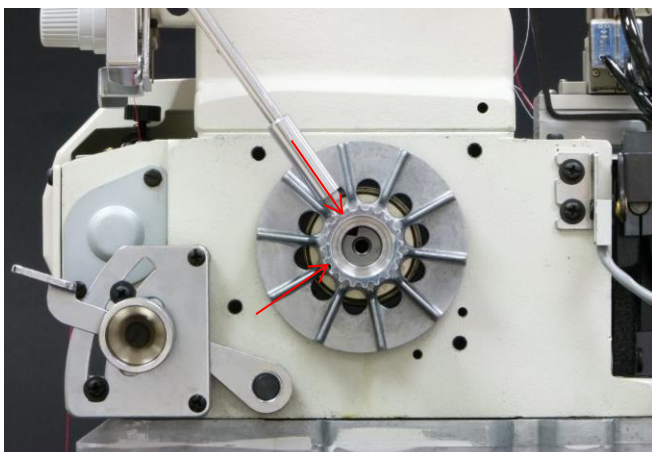


Efka motor DC1230 vertical mounted at sewing machine Pegasus

GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

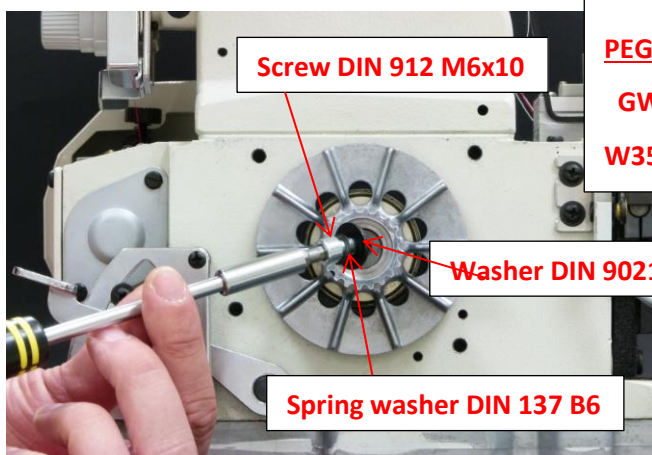
2.2 Add toothed belt disc (Efka 1114072) and adjust it with 2 headless screws.

The initial tightening for the screws has to be low. Do not fasten the screws!
Toothed disc has to move a bit, until the screw in front of the toothed belt disc is fixed.



2.3 Add screw in front of the toothed belt disc (just for some machines)

- 1 pc. Screw DIN 912 M6x10 (Efka 1304139)
- 1 pc. Washer DIN 9021 A 6,4x18x1,6 (Efka 1304076)
- 1 pc. Spring washer DIN 137 B6 (Efka 1300249)



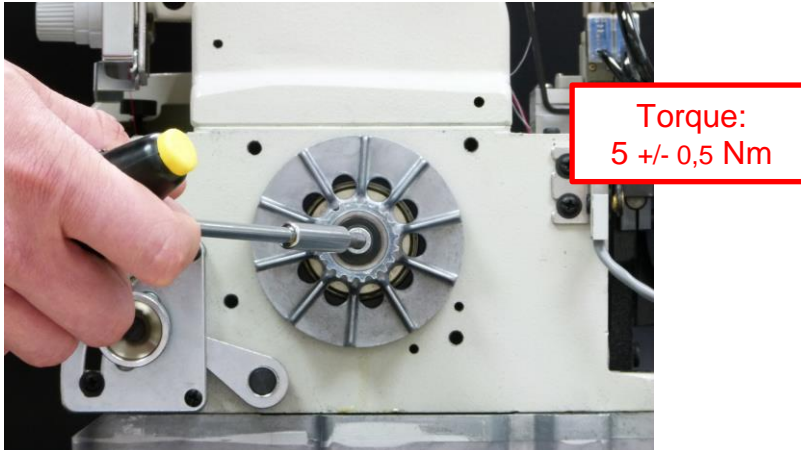
Screw, spring washer and washer only for
PEGASUS sewing machine
GW6000; W500PV; W600PV; W2600P;
W3500P; W3600P

No screw, spring washer and washer for
PEGASUS sewing machine
W1500P; W1600P
Go directly to point 2.4 "Fix the.."

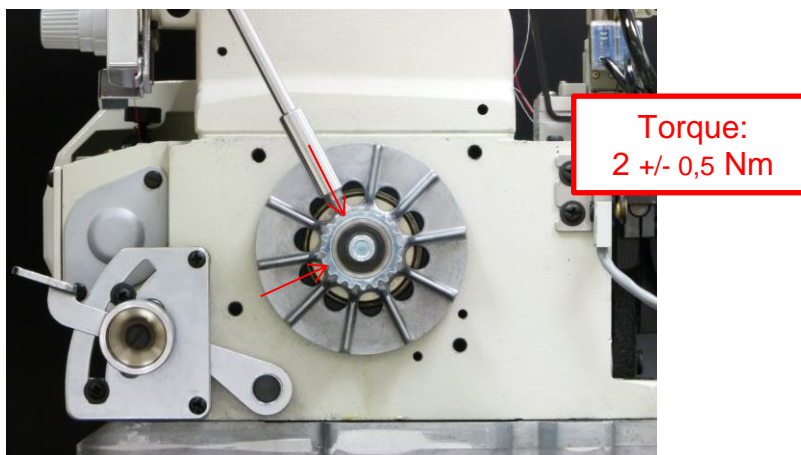
Efka motor DC1230 vertical mounted at sewing machine Pegasus

GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

Fix screw in front of the toothed belt disc.



2.4 Fix the 2 headless screws in the toothed belt disc.



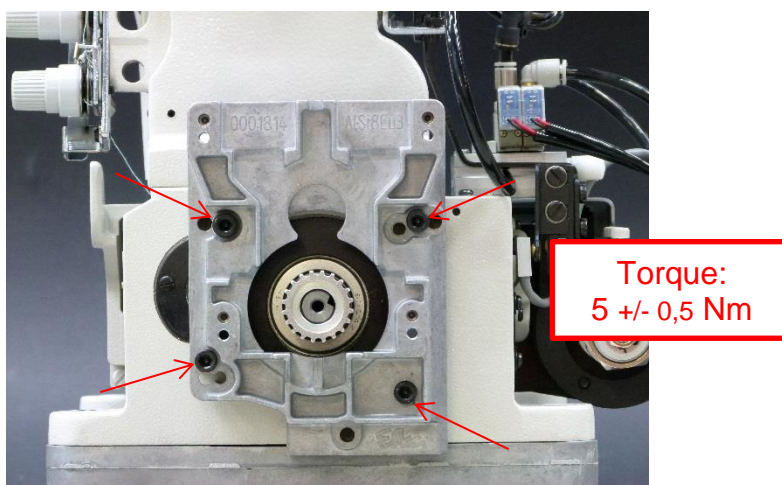
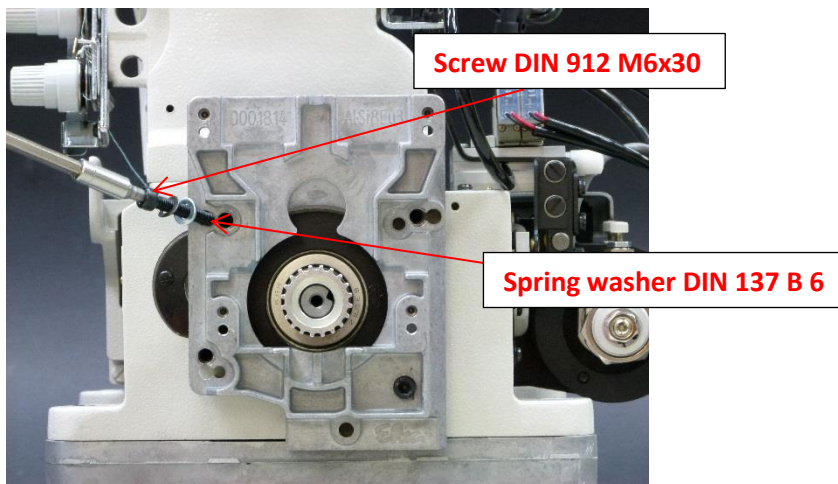
Efka motor DC1230 vertical mounted at sewing machine Pegasus

GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

3 Mount adapter

3.1 Fix adapter with 4 screws on sewing machine

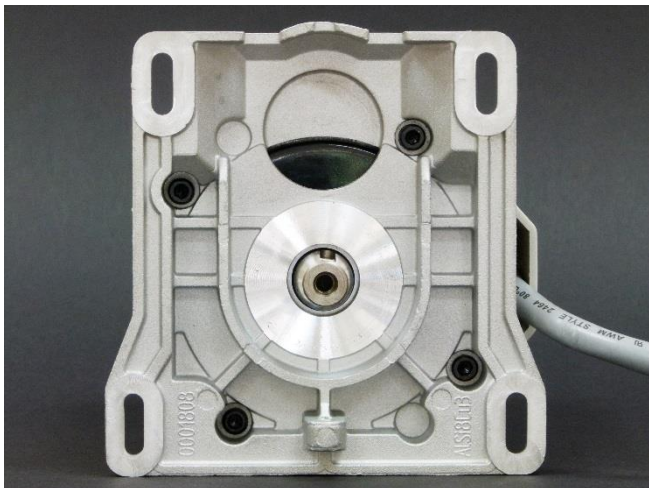
- 4 pc. Screw DIN 912 M6x30 (Efka 1304138)
- 4 pc. Spring washer DIN 137 B6 (Efka 1300249)



Efka motor DC1230 vertical mounted at sewing machine Pegasus

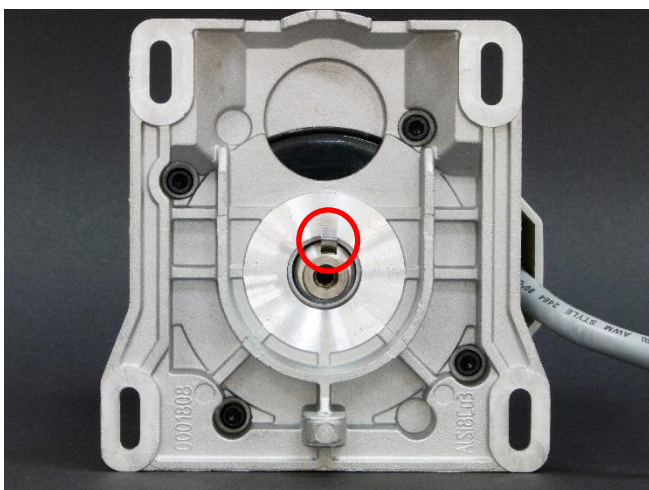
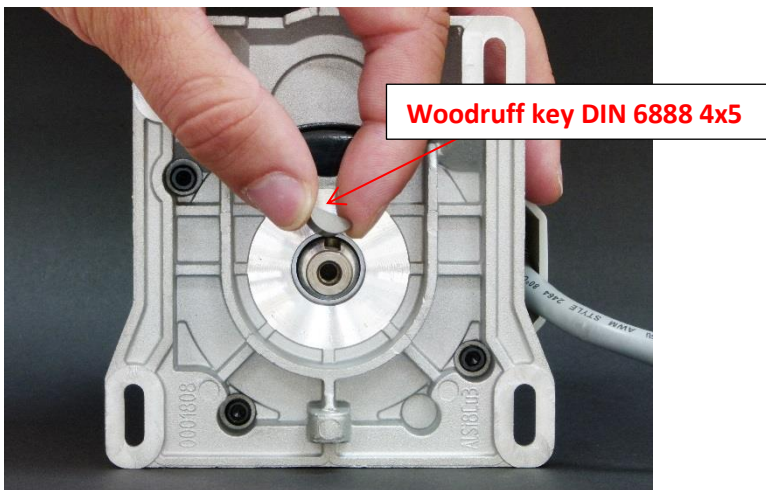
GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

4 Mount toothed belt wheel on motor



4.1 Put woodruff key into the woodruff key slot

- 1 pc. Woodruff key DIN 6888 (Efka 1300294)

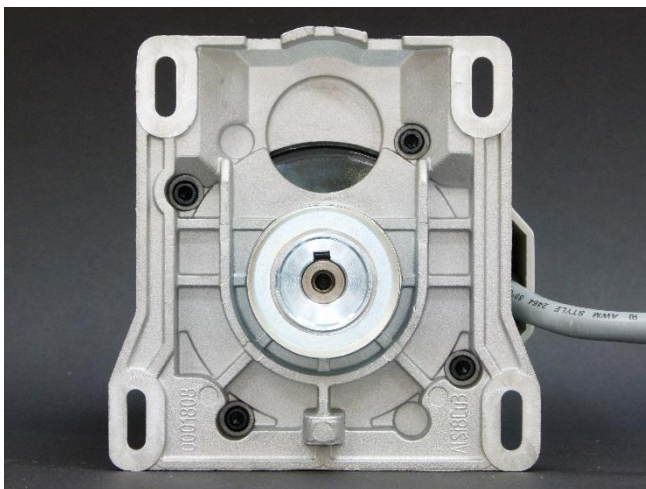
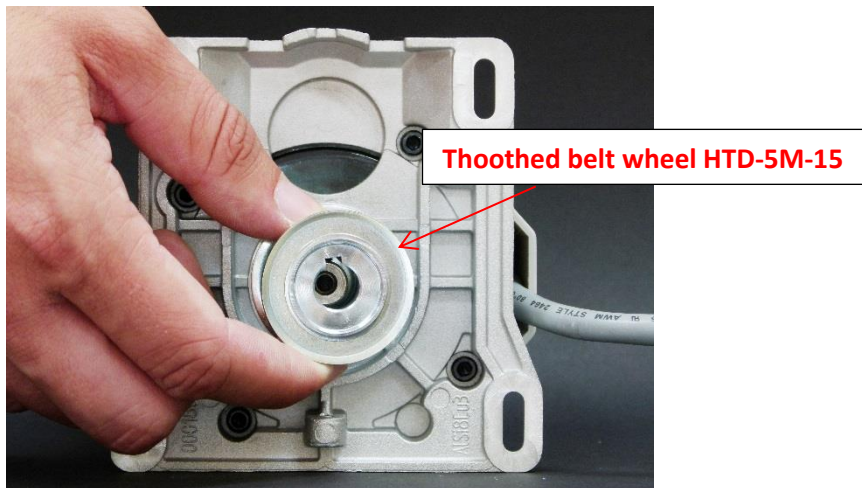


Efka motor DC1230 vertical mounted at sewing machine Pegasus

GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

4.2 Push the Toothed belt wheel on the drive shaft

- 1 pc. Toothed belt wheel wheel HTD-5M-15, 20 tooth (Efka 0301009)

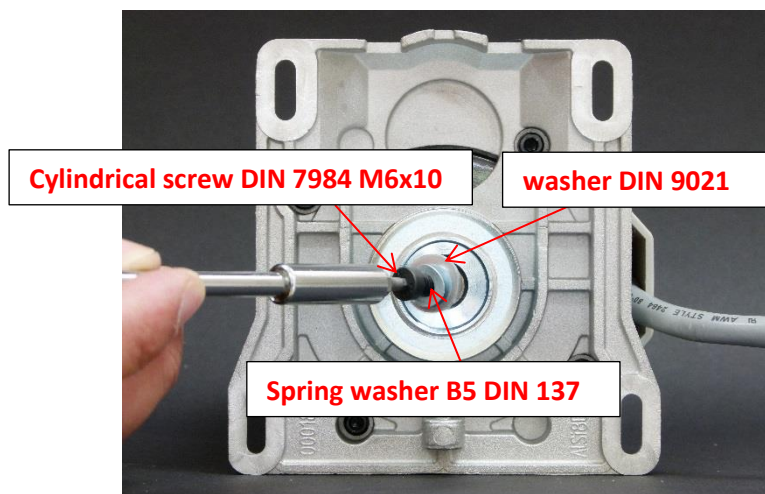


Efka motor DC1230 vertical mounted at sewing machine Pegasus

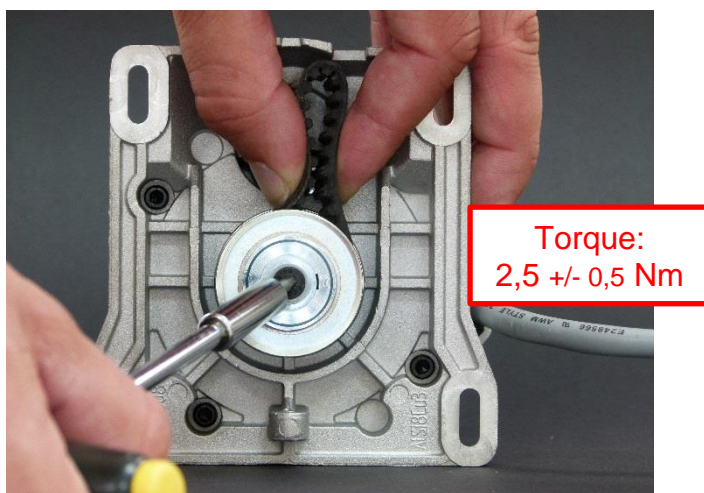
GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

4.3 Fix toothed belt wheel on driver shaft

- 1 pc. Washer A5 3x15x1,2 DIN 9021 (Efka 1304141)
- 1 pc. Cylindrical screw DIN 7984 M6x10 (Efka 1304139)
- 1 pc. Spring washer B5 DIN 137 (Efka 1300248)



4.4 Use thooth belt to fix the thoothed belt wheel for tighten the cylindrical screw



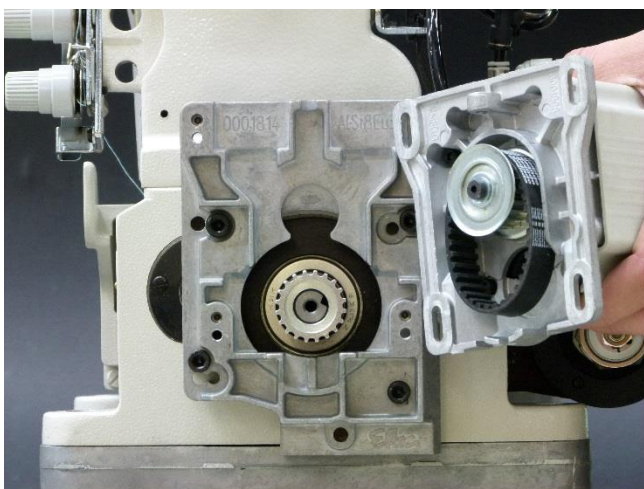
Efka motor DC1230 vertical mounted at sewing machine Pegasus

GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

5 Mount motor on adapter

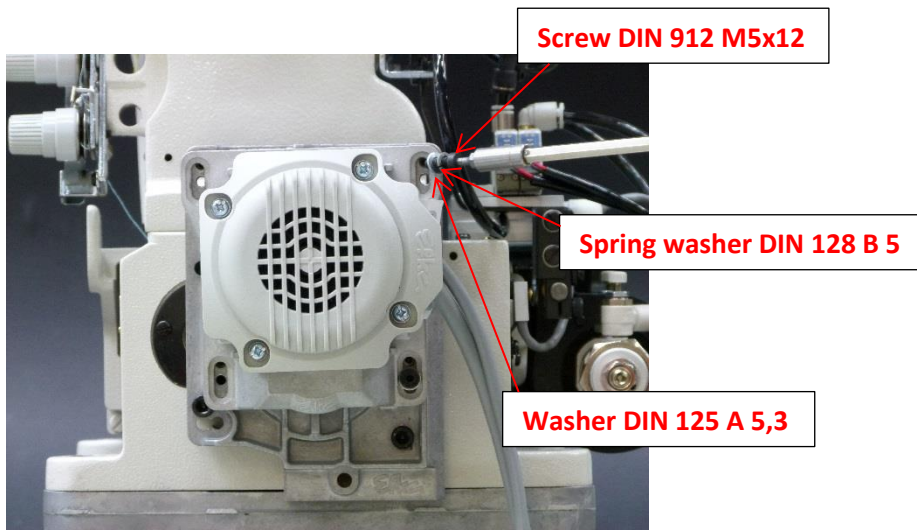
5.1 To fix the motor on the adapter, the motor has to be pre-assembled

- Toothed belt disc (Efka 0301009) is mounted on motor shaft
- Toothed belt (Efka 0901007) lays in the space, that is designed for the belt



5.2 Mount motor with 4 screws at the adapter

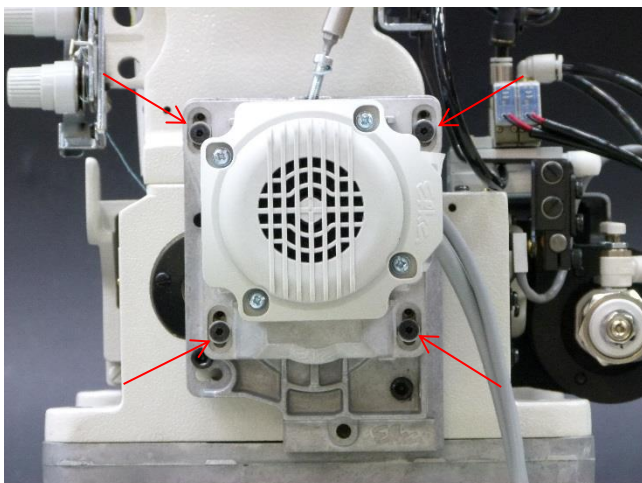
- 4 pc. Screw DIN 7984 M5x12 (Efka 1300699)
- 4 pc. Spring washer DIN 128 B 5 (Efka 1304136)
- 4 pc. Washer DIN 125 A 5,3 (Efka 1304133)



Efka motor DC1230 vertical mounted at sewing machine Pegasus

GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

Do not fasten the screws! Motor has to move inside the oblong holes.



5.3 Insert the screw, that is used to stretch the belt

- 1 pc. Screw DIN 7984 M5x20 (Efka 1301077)
- 1 pc. Spring washer DIN 137 B5 (Efka 1300248)



Efka motor DC1230 vertical mounted at sewing machine Pegasus

GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

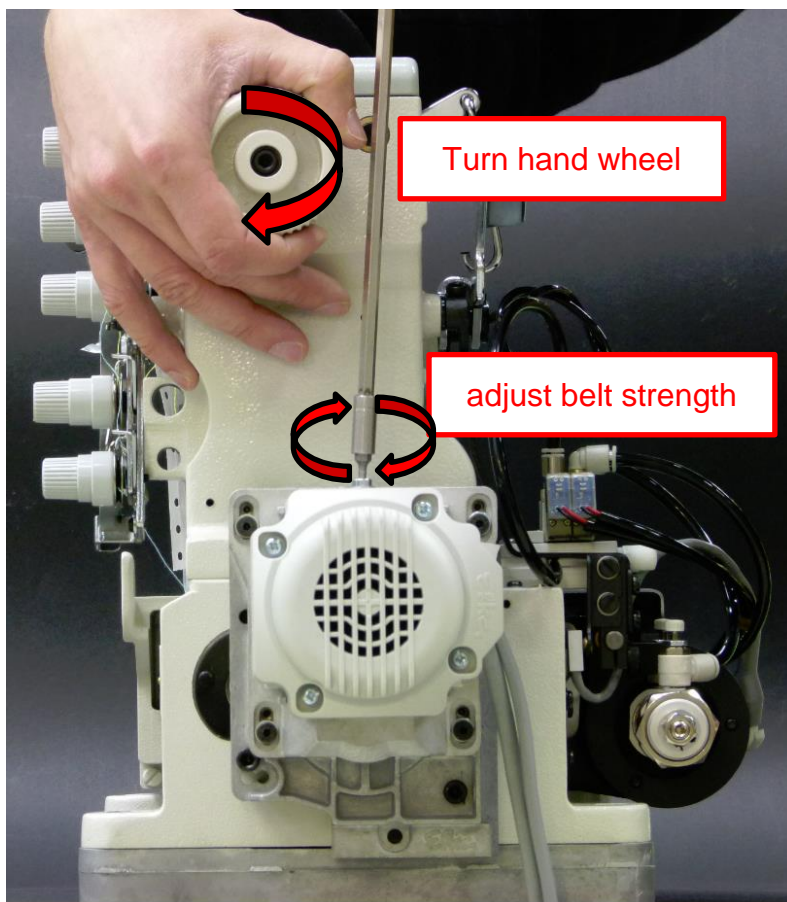
5.4 Adjust the motor

Turn handwheel and fasten the screw to stretch the belt.

If the strengt is too strong, while turning the handwheel, you can feel small interruptions. These interruption come from the theeth on wheel and belt.

Reduce the strength from this point just as much, that the belt turns without noticeable interruptions or additional force.

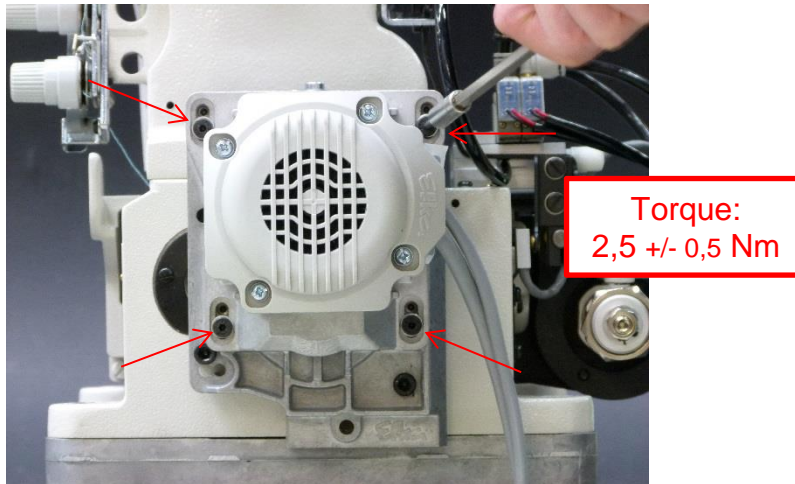
Let the motor turn electrically with the control box about 3000-4000 rpm. Listen to the noise of the motor and the belt. Find the point, where the noise grows up and stop the adjustment just before the noise increases. Target is, not to generate any additional noise from the toothed belt drive.



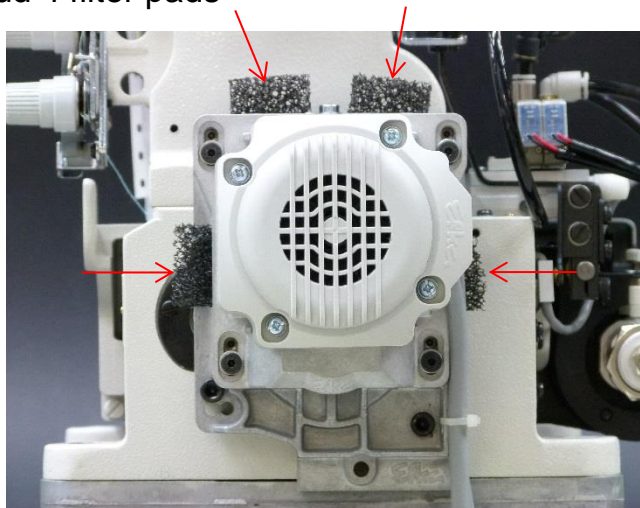
Efka motor DC1230 vertical mounted at sewing machine Pegasus

GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

5.5 Fix the adjusted motor with all 4 screws on the adapter.



5.6 Add 4 filter pads



Efka motor DC1230 vertical mounted at sewing machine Pegasus

GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

6 Mount air filter

6.1 Insert in every opening an air filter pad and fix cable with cable fixer.

- 4 pc. Filter pad 10 p/inch 32x23x12mm (EFKA 0207272)



Efka motor DC1230 vertical mounted at sewing machine Pegasus

GW6000; W500PV; W600PV; W1500P; W1600P; W2600P; W3500P; W3600P

Mounted Efka-motor DC1230 at Pegasus sewing machine W3500P

