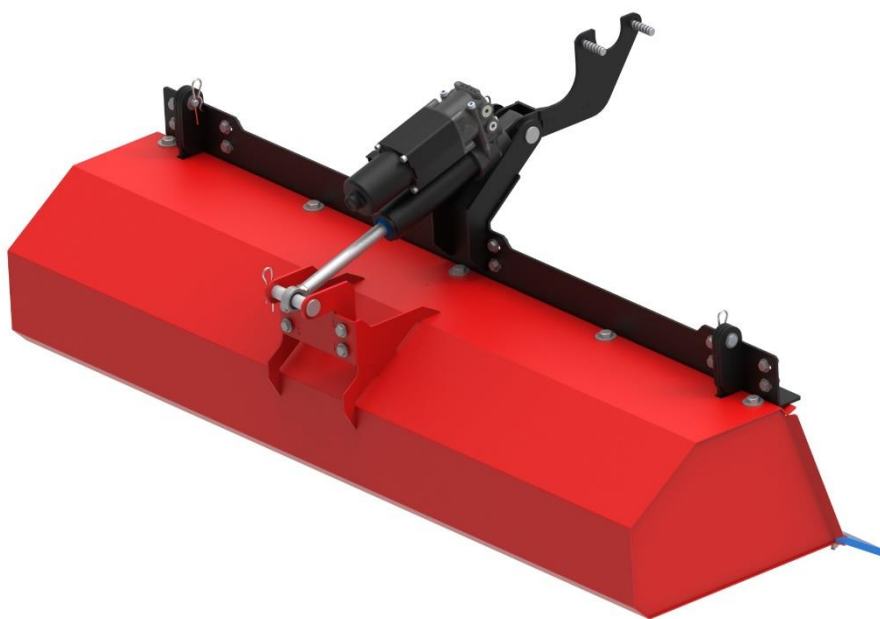




COLLECTOR BOX FOR ROTARY BROOM

Code 48.1000

Version 10062024



Keep this manual for future reference!

If you need any spare parts, please send this packaging data to your local dealer or to Iron Baltic
sales@ironbaltic.com

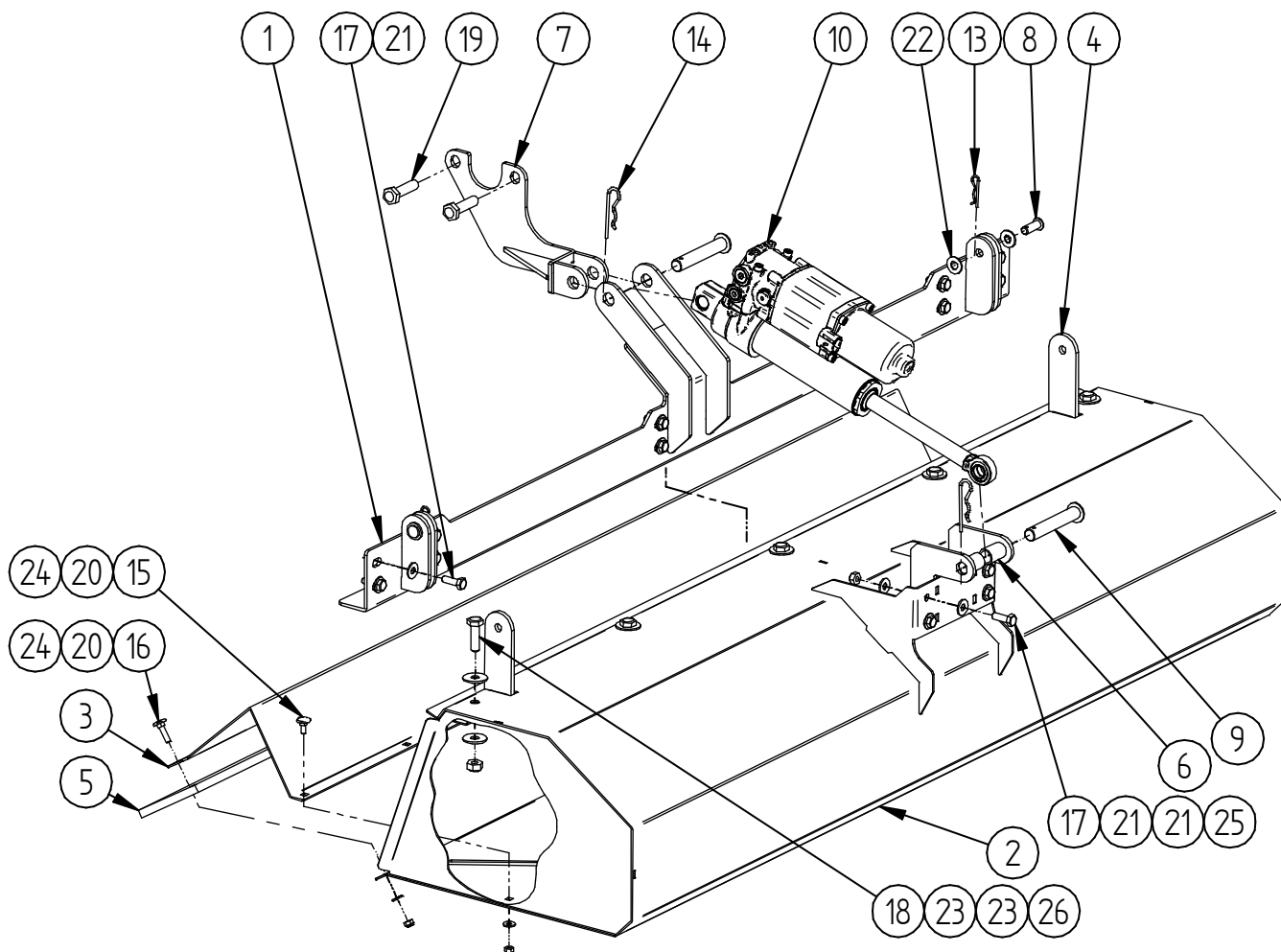
SPECIFICATION

Pos.	Description	Code	Amount
1	Mounting adapter	48.1001K	1
2	Collector	48.1004K	1
3	Barrier	48.1011	1
4	Collector mount	48.1012K	1
5	Sheet rubber	48.1014	1
6	Bushing for lower pin	48.1015	2
7	Upper mount	48.1016K	1
8	Pin 10x40	14.003	2
9	Pin for cylinder	71.3004	2
10	Electro-hydraulic cylinder MAP-150	70.800	1
11	Wiring kit (1 cylinder)	70.2500	1
12	Cylinder cable extension 1,2 m	OT.33.03.055	1
13	Cotterpin 2 DIN11024	OT.07.01.010	2
14	Cotterpin 3 DIN11024	OT.07.01.020	2
15	Carriage bolt M6x16 DIN603	OT.02.05.010	7
16	Carriage bolt M6x25 DIN603	OT.02.05.020	7
17	Bolt M8x25 DIN933	OT.02.02.190	16
18	Bolt M10x35 DIN933	OT.02.02.329	5
19	Bolt M12x45 DIN933	OT.02.02.420	2
20	Washer Ø6/15 SFS3738	OT.04.03.020	14
21	Washer Ø 8/20 SFS 3738	OT.04.03.030	20
22	Washer Ø 10 DIN125	OT.04.01.040	4
23	Washer Ø 10 DIN9021	OT.04.02.050	10
24	Nyloc nut M6 DIN985	OT.03.02.030	14
25	Nyloc nut M8 DIN985	OT.03.02.040	4
26	Nyloc nut M10 DIN985	OT.03.02.050	5



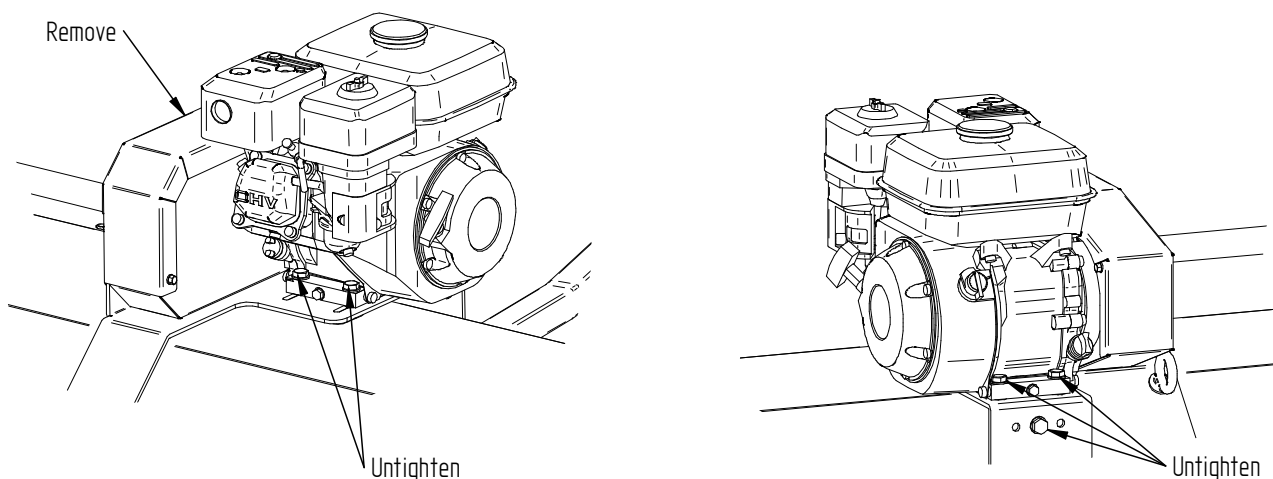
TOOLS REQUIRED FOR INSTALLATION:

- Spanner 13mm
- Spanner 17mm
- Spanner 19mm
- Socket wrench 10mm
- Socket wrench 13mm
- Socket wrench 17mm
- Socket wrench 19mm

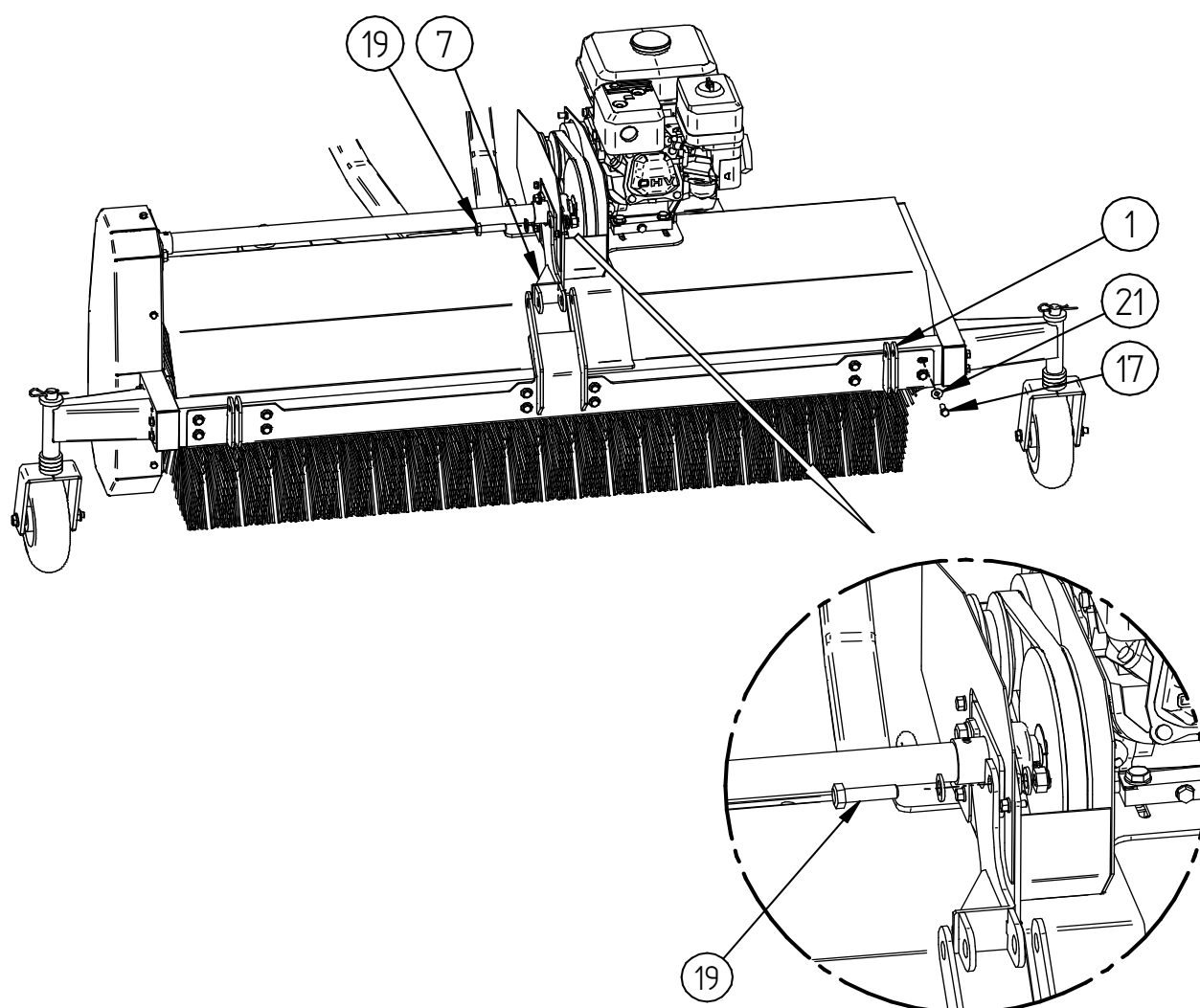


FITTING INSTRUCTIONS

Step 1 Remove the belt cover. Untighten the motor mounting bolts and the belt tension bolt.

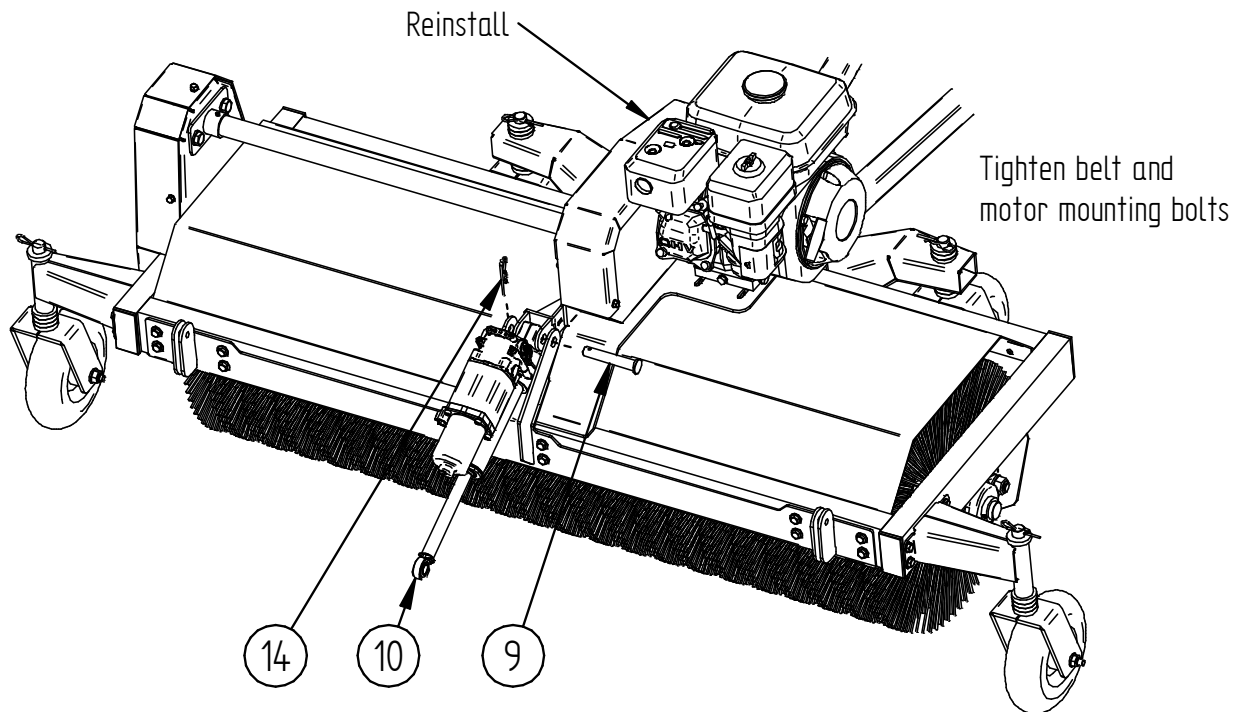


Step 2 Install mounting adapter (Pos. 1) and upper mount (Pos. 7) to the sweeper. Use M8x25 bolts (Pos. 17) and Ø8 washers (Pos. 21) to fasten the mounting adapter. To fasten the upper mount, replace the bearing mounting bolts with M12x45 bolts (Pos. 19). **Do not yet tighten the bolts!**



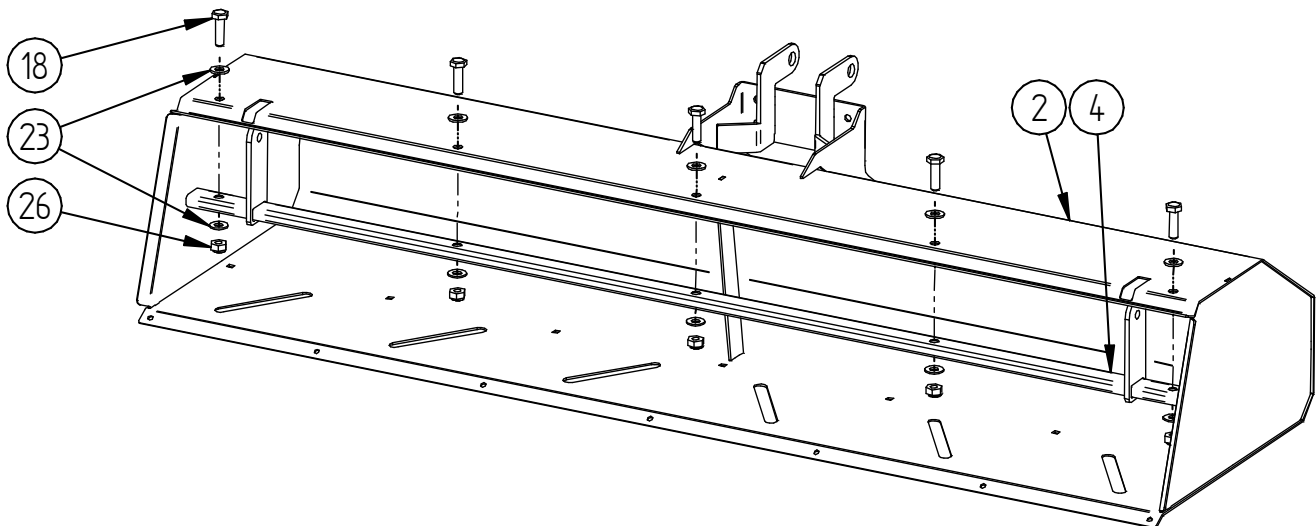
Step 3

Install the electro-hydraulic cylinder (Pos. 10). Use cylinder pin (Pos. 9) and cotterpin (Pos. 14) to fix the cylinder. **Tighten the bolts of mounting adapter and upper mounting!** Tension the belt, using the tension bolt. The correct belt tension is such that it is possible to compress the belt by hand by approx. 10-15 mm. Next tighten the motor mounting bolts and reinstall the belt cover.



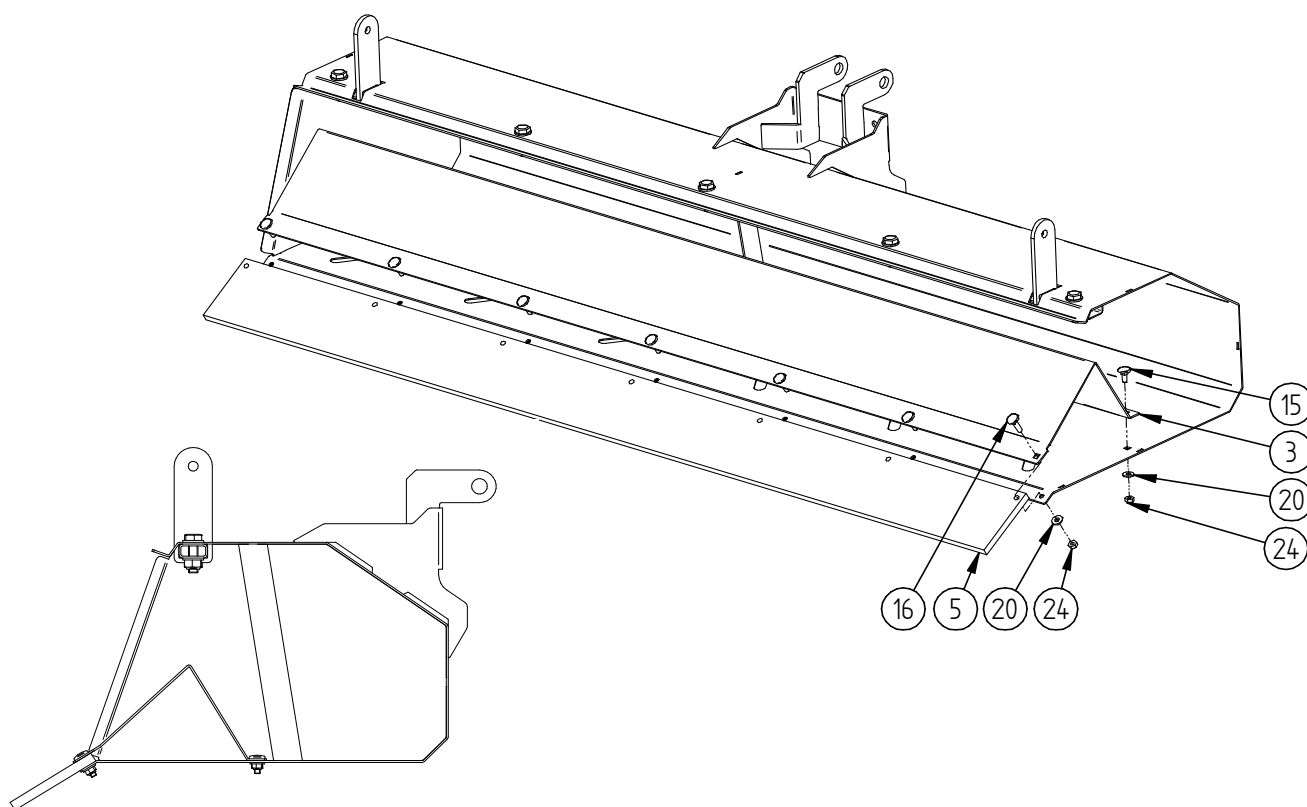
Step 4

Install collector mount (Pos. 4) to the collector (Pos. 2). Use M10x35 bolts (Pos. 18), Ø10 washers (Pos. 23) and M10 nyloc nuts (Pos. 26) to fasten the collector mount.



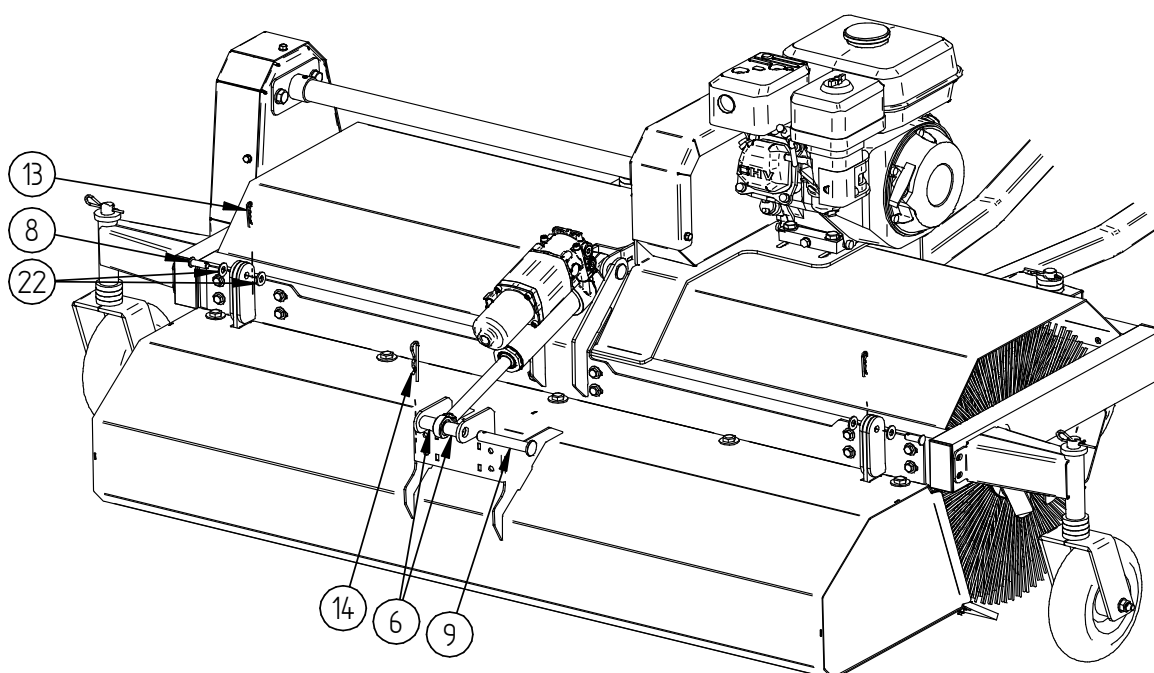
Step 5

Install the barrier (Pos. 3) and sheet rubber (Pos. 5) to the collector. For fastening use M6x16 carriage bolts (Pos. 15), M6x25 carriage bolts (Pos. 16), Ø6 washers (Pos. 20) and M6 nyloc nuts (Pos. 24).



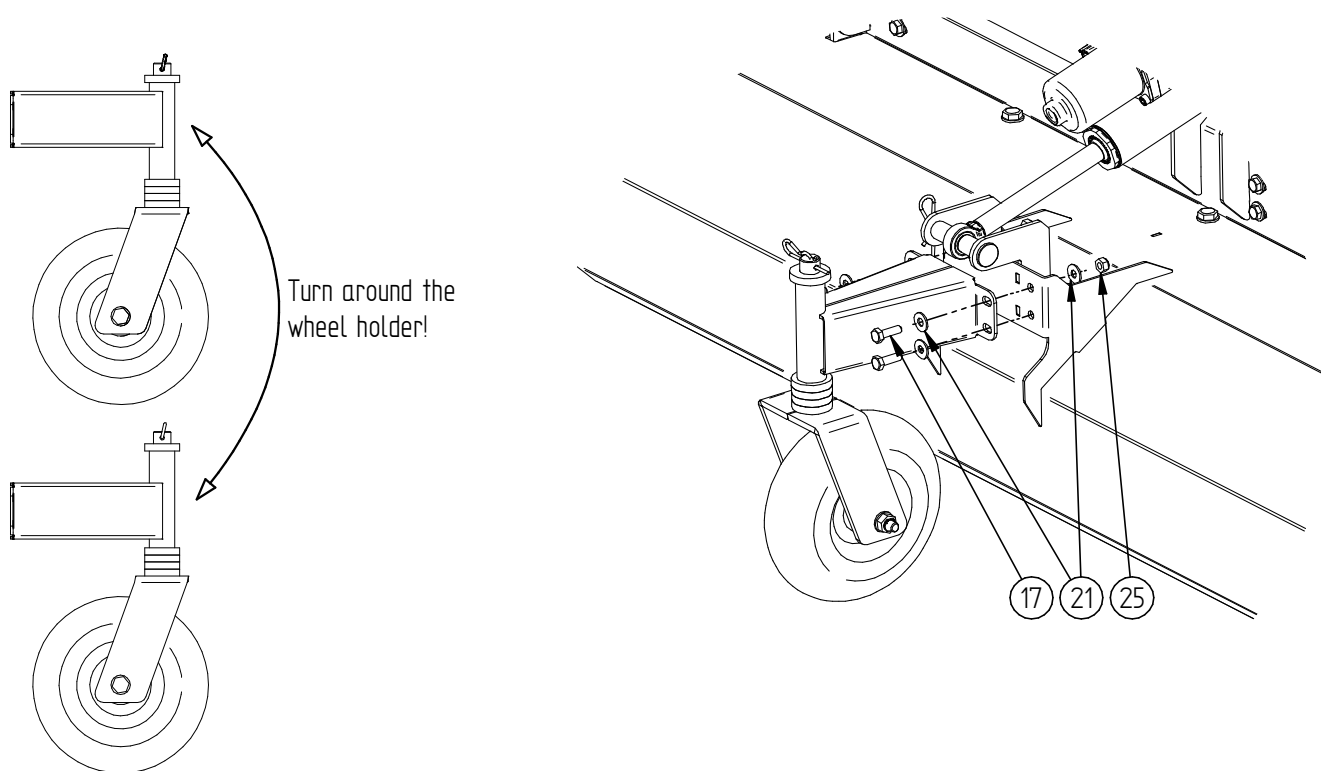
Step 6

Install collector to the mounting adapter. For assembly use 10x40 pins (Pos. 8), Ø10 washers (Pos. 22) and cotterpins (Pos. 13). Next install the cylinder rod to the collector. Use cylinder pin (Pos. 9), bushings (Pos. 6) and cotterpin (Pos. 14) to fix the rod.



Step 7

Install support wheel to the collector. **Before fastening turn around the wheel holder!** For fastening use M8x25 bolts (Pos. 17), Ø8 washers (Pos. 21) and M8 nyloc nuts (Pos. 25).



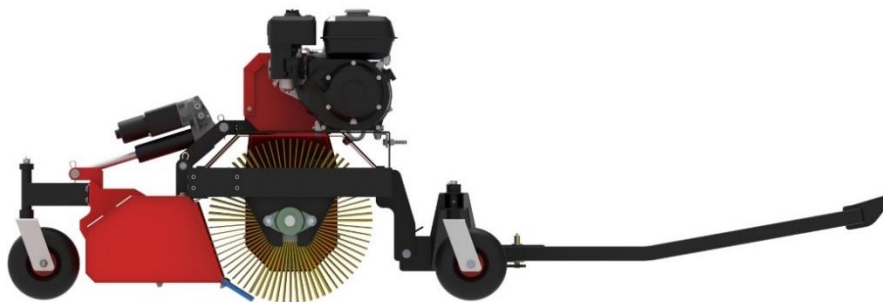
Step 8

Install cylinder wiring kit to ATV. Refer to installation manual in wiring kit!



OPERATING INSTRUCTIONS

Step 1 Adjust the wheels according to the level of brush wear.



Step 2 When the collector is full, use winch to pull the rotary brush into the transportation position.



Step 3 To empty the collector, first set the throttle to idle or turn off the engine. Next raise the rotary broom to the end position with a winch. Then apply the electro-hydraulic cylinder to empty the collector.



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