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TA-042 Gear Box Installation Guide for Semi-Automatic Polypropylene Strapping Machine

Edition A
020922 ARD

SUPPORT 24/7: Hallbrookcomponents.com support team is ready 24/7, use online Zendesk, phone, or email. Details later in this guide.

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1. GENERAL INFORMATION

This document is a guide for TA-042 Gear Box Assembly. Listed below are the machines which are compatible to the T5-4-10131 Transformer (For 110V) spare part:

- TP-201 Series
- TP-202 Series
- TP-203 Series

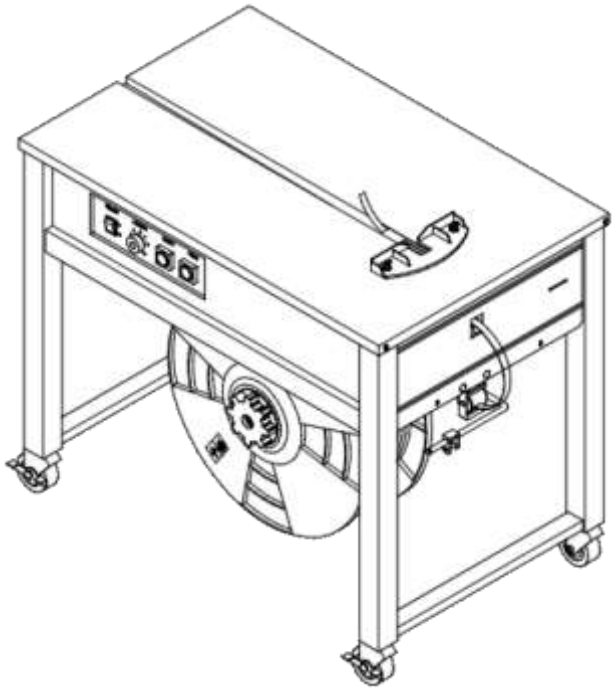


Figure A. TP-201/202 Series Machine

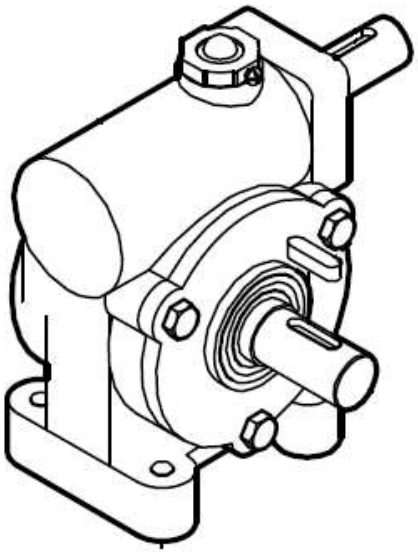


Figure B. TA-042 Gear Box

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2. SAFETY GUIDE

Before working on the machine secure that the machine is in a safe condition, turned off, and if equipped with CE main switch the main switch should locked with a pad lock indicating machine is under service and repair. Best is always to unplug the machine from the electrical supply outlet. Secure the machine and heater are cold before working with the separator as it is close to the heater that will give burn marks if not cold.

3. REQUIREMENTS TO DO THE REPAIR AND ASSEMBLY OF NEW PART(S)

Tool must not be used or repaired by persons not properly trained or knowledgeable with the assembly. Failure to follow the operating and assembly instructions or improper load positioning could result in strap breakage. Become familiar with the tool and keep fingers away from areas that can pinch or cut.

If in doubt contact our support team for further guidance and advice.

4. TOOL LIST FOR THE JOB

- Cleaning cloth
- Philips screwdriver small/medium size
- Chain Breaker (might be necessary)
- Hammer (might be necessary)

5. SPARE PARTS DISMANTLING AND ASSEMBLY

TA-042 Gear Box is part of Semi-Automatic Polypropylene Machine and is connected to the following spare parts.

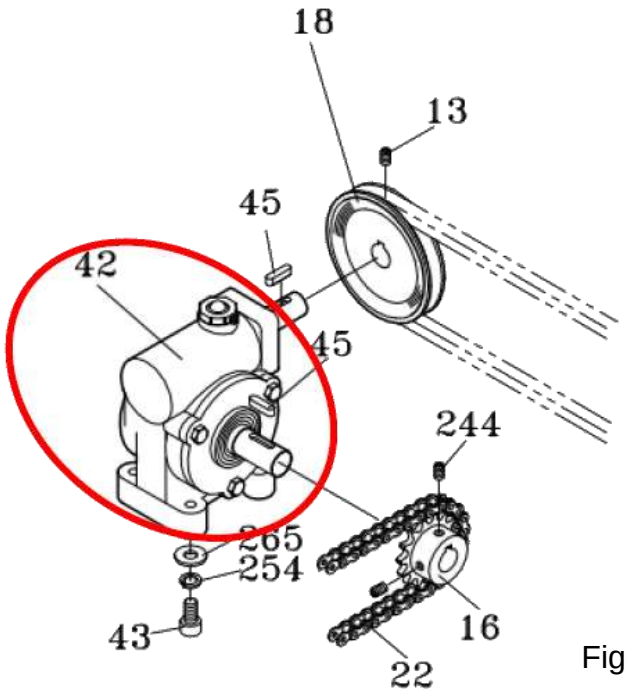


Figure C. Gear Box and its Connected Parts

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ITEM NO.	DESCRIPTION
18	Pulley
13	HSS, M6x8
42	Gear Box
45	Key, 5x5x25
244	HSS, M5x6
265	PW, M8 (C)
254	SW, M8
43	HBS, M8x20
16	Sprocket
22	Chain

Table A. Parts Shown in Figure C.

1. Carefully unfasten the Screws #43 (HBS, M8x20)
2. Unfasten the Screws #244 (HSS, M5x6) and carefully detach the Sprocket #16 from the Gear Box #42 by disconnecting the Chain #22.
3. Detach the Gear Box #42 from the Pulley #18 and replace it with the new one.
4. When secured, reattach the new Gear Box #42 to the Sprocket #16 and tighten Screws #244 (HSS,M5x6) and reconnect the Chain #22 back together.
5. When putting the chain back on, make sure that it is aligned with the gear.

6. TEST OF COMPLETED ASSEMBLY AND MACHINE

Once the machine is assembled, secure that the machine is clean, oiled, and ready to run. Plug the machine, turn on the main switch, and let the machine warm up.

Secure that the strap is loaded and that the machine is warm. Do a test strap and follow up at least 4-5 times more to secure that everything is working perfectly.

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7. ORDERING SPARE PARTS

Plan purchasing spare parts when replacing the TA-042 Gear Box.

Link to order:
https://hallbrookcomponents.com/tp-202-semi-automatic-strapping-machine/4009-ta-042-gear-box.html?search_query=TA-042&results=4

We advise to secure or order the following parts as well:

- TA-018 Pulley
- TA-016 Sprocket
- TA-022 Chain
- TA-020 Pulley
- TA-228 Belt
- Or sign up to our newsletter and get our service kit support bag for free.

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- Email: support@hallbrookcomponents.com
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- USA phone: +1 – 310 773 3423
- Spain phone: +34 – 699 900 987
- Italy phone: +39 – 351 988 0682
- Sweden phone: +46 – 31 799 5398
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