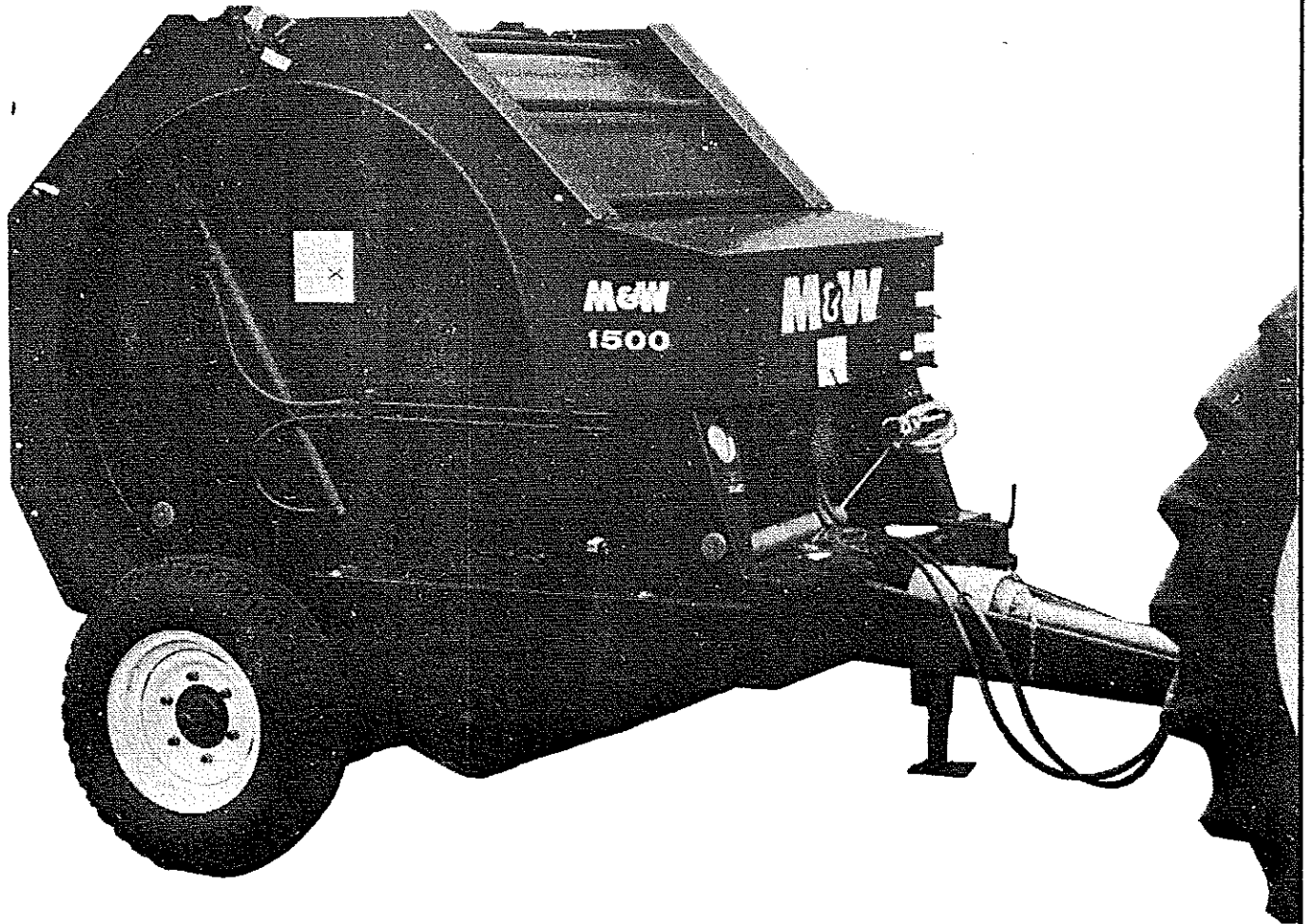


PARTS LIST & INSTRUCTION MANUAL

MODEL 1500 & 1800 ROUND BALERS



M&W GEAR



WARRANTY

The M & W Gear Company warrants each new M & W product to be free from defects in material and workmanship. This Warranty is for the normal service life of the product, machine or parts involved and not to exceed twelve consecutive months from the date of delivery of the M & W product to the purchaser-user.

Under no circumstances does this Warranty cover any merchandise or component parts which, in the opinion of the Company, have been subjected to negligent use, misuse, alteration, accident or if repairs have been made with parts other than those manufactured and obtainable from M & W Gear Company.

Under no circumstances are component parts Warranted against wear that is not related to defective materials or workmanship. Wear is a normal thing to any moving part. Use varies greatly from customer to customer within the same product line making it impossible to consider any guarantee against wear and tear.

M & W in no way warrants engines, electric motors, batteries, tires or other components supplied by manufacturers that are warranted separately by these suppliers.

Our obligation under this Warranty is limited to repairing or replacing free of charge to the original purchaser-user any part that in our judgement shows evidence of defect or improper workmanship, provided the part is returned to M & W within (30) days of the failure. Parts must be returned through the selling dealer and distributor, transportation charges prepaid.

This Warranty shall not be interpreted to render M & W liable for injury or damages of any kind, direct, consequential, or contingent, to persons or property. Furthermore, this Warranty does not extend to loss of crops, losses caused by harvest delays or any expense or loss for labor, supplies, rental machinery or for any other reason.

There are no Warranties, either express or implied, of merchantability or fitness for particular purpose intended or fitness for any other reason.

This Warranty cannot guarantee that existing conditions beyond the control of M & W will not affect our ability to obtain materials or manufacture necessary replacement parts.

M & W Gear Company reserves the right to make design changes, improve design or change specifications at any time, without any contingent obligation to purchasers of machines and parts previously sold.

No one is authorized to alter, modify or change this Warranty in any way.



M & W GEAR COMPANY, GIBSON CITY, ILLINOIS 60936

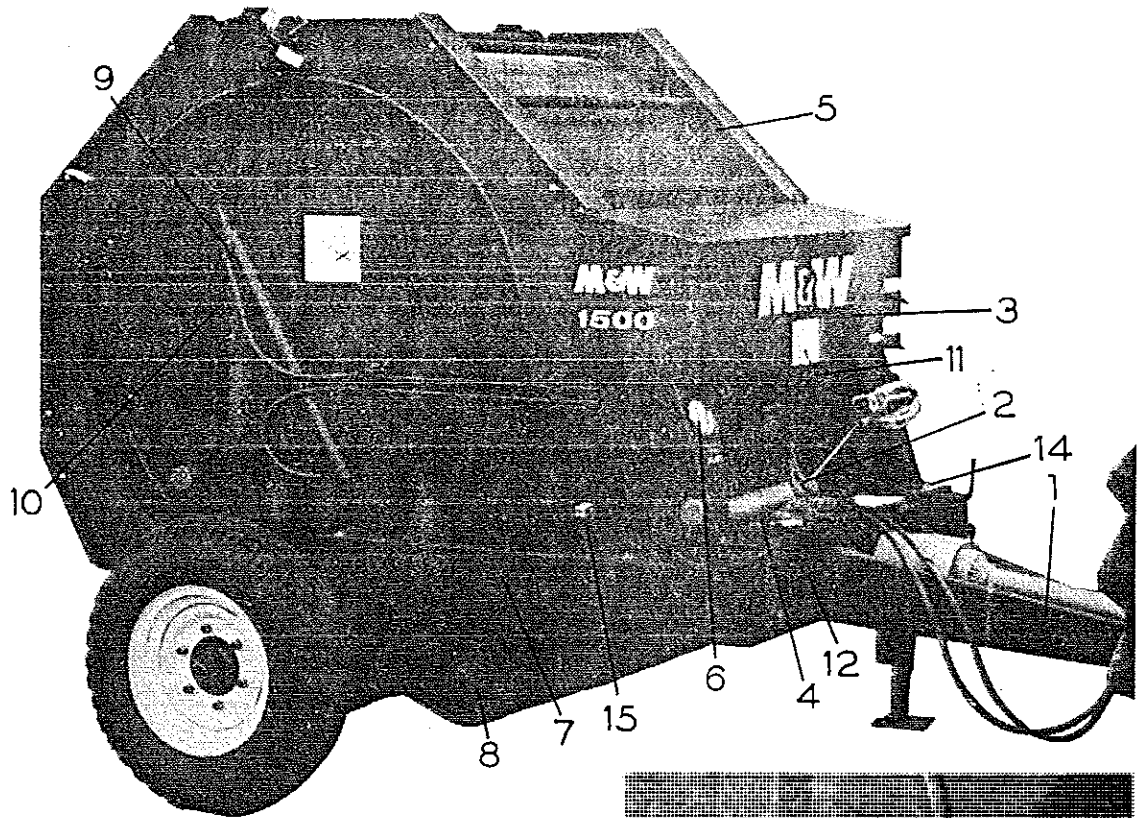
TABLE OF CONTENTS

| | |
|---------------------------------------|-------|
| General Description..... | 1 |
| Specifications..... | 1 |
| Connecting to the tractor..... | 2 |
| Operation and Maintenance..... | 3 |
| Hydraulics..... | 4 |
| Pick-up..... | 4 |
| Binding Twine Mechanism..... | 5 |
| Safety and accident prevention..... | 6 |
| Practical Hints..... | 7 |
| Overload Cut-out..... | 8 |
| Chain tensioning and lubrication..... | 8-9 |
| Failure Remedies..... | 10 |
| Storing the round baler..... | 10 |
| Plastic wrap instructions..... | 11-12 |

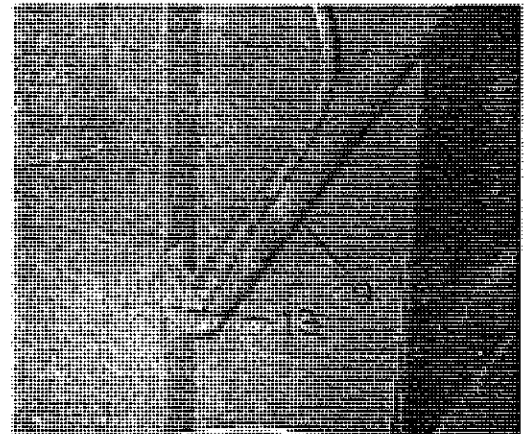
Parts Lists

| | |
|---|----|
| Housing and drawbar..... | 13 |
| Rollers..... | 14 |
| Axle and tires..... | 15 |
| Support stand..... | 16 |
| Elevator assembly..... | 17 |
| Elevator shaft..... | 18 |
| Gearbox..... | 19 |
| Drive and Clutch..... | 20 |
| Roller drive..... | 21 |
| Pick-up drive..... | 22 |
| Pick-up..... | 23 |
| Twine rollers and guides..... | 24 |
| Twine starter and knife..... | 25 |
| Hydraulics..... | 26 |
| Guards..... | 27 |
| PTO shaft..... | 28 |
| Model 1500 Plastic wrap drive..... | 29 |
| Model 1500 Plastic wrap feeding system..... | 30 |
| Model 1800 Plastic wrap drive..... | 31 |
| Model 1800 Plastic wrap feeding system..... | 32 |

GENERAL DESCRIPTION



1. Drawbar
2. Hydraulic Hoses
3. Twine Container
4. Automatic Binding Mechanism with Operating Cable
5. Elevator Chain
6. Pressure Gauge
7. Drive Unit for Rollers and Pick-Up
8. Pick-Up
9. Hydraulic Cylinder
10. Safety Bar
11. Control Unit with 3 Way Valve
12. Overload Cut-Off
13. Switch-Off Lever for Elevator Chain
14. Elevator Chain Drive and Plastic Wrap Drive
15. Baler Counter



SPECIFICATIONS

| | Model 1500 | Model 1800 |
|---------------------------|--------------------------------|--------------------------------|
| Length | 132 1/4" (3360 MM) | 143 3/4" (3650 MM) |
| Width | 80 3/4" (2050 MM) | 96 1/2" (2450 MM) |
| Height | 82 5/8" (2100 MM) | 94 1/2" (2400 MM) |
| Track | 72 7/8" (1850 MM) | 84 5/8" (2150 MM) |
| Tires | 11.5/80 x 15-8 Ply | 11.5/80 x 15-8 Ply |
| Pick-up Width | 53 5/8" (1362 MM) | 61 7/8" (1572 MM) |
| String | 600-900 Ft./Lb. (400-600 M/Kg) | 600-900 Ft./Lb. (400-600 M/Kg) |
| Approx. Weight | 2866 Lbs. (1300 Kg) | 3748 Lbs. (1700 Kg) |
| Bale Size | Dia. 59" (1500 MM) | Dia. 70 7/8" (1800 MM) |
| | Width 47 1/4" (1200 MM) | Width 59" (1500 MM) |
| Approx. Power Requirement | 40 HP (29 kW) | 45 HP (34 kW) |

Connecting to the tractor

1. Connect the machine to the tractor drawbar so that the lower edge of the frame is horizontal (illustration 1).

If necessary, the levelling pieces supplied must be inserted between the drawbar and the front support (illustration 2). In the case of tractors with a clevis drawbar, the coupling eye must be fixed as shown in illustration 3.

2. Fix the support leg in the highest setting and firmly attach the support cable underneath the drawbar.

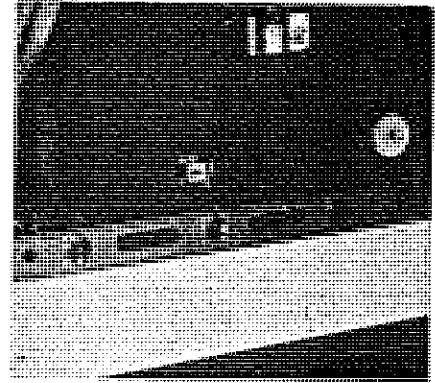


Illustration 1

3. Connect hydraulic hoses (see page 4).
4. Connect the operating cable of the twine feeder to the tractor so that it is within easy reach of the tractor seat ensuring that it is free when turning at headlands.
5. Connect Pto shaft.

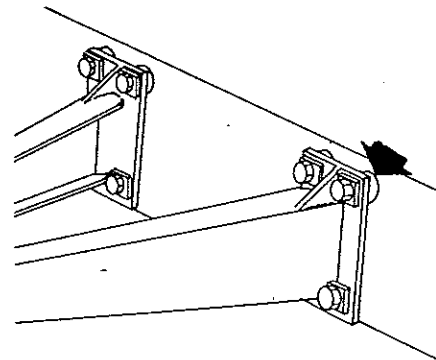


Illustration 2

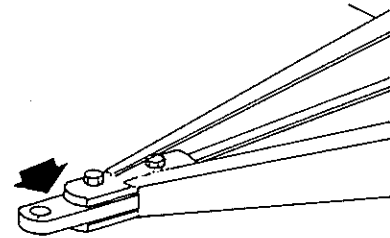
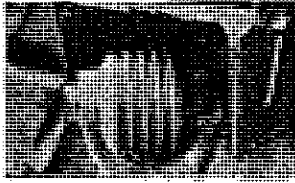


Illustration 3

Operation and Maintenance

Connecting

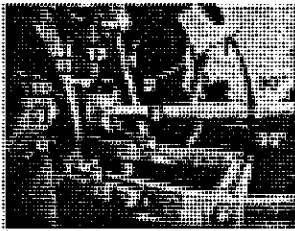


Clean Pto shaft.
Depress pin.

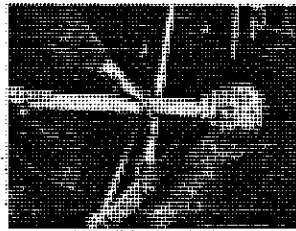


Pull or push coupling to suit.

Connect Pto



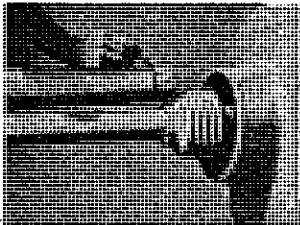
Disconnect drive in the case of wide angles.



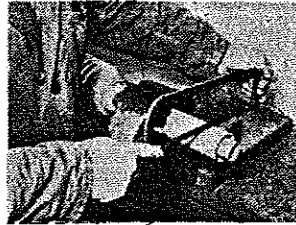
Wide angle Pto

The Pto angle during operation and stand-still must not exceed 70°, check swivel range.

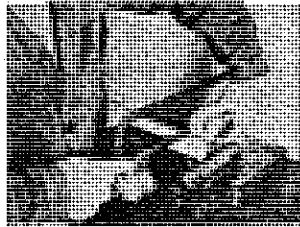
Cutting to length



Fit the two shafts separately to tractor and implement and mark for correct length.



Cut guard to size.

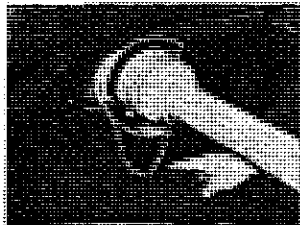


Shorten male and female shafts using cut-off guard as guide.



Deburr and smooth sharp edges with file.

Safety chain

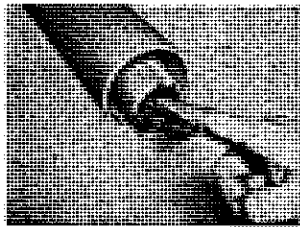


Attach safety chain loosely. Check swivel range.

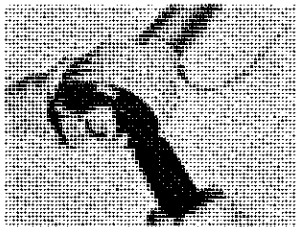
Never drive without the Pto shaft guard in place!

An additional protection should be fitted above the Pto shaft.

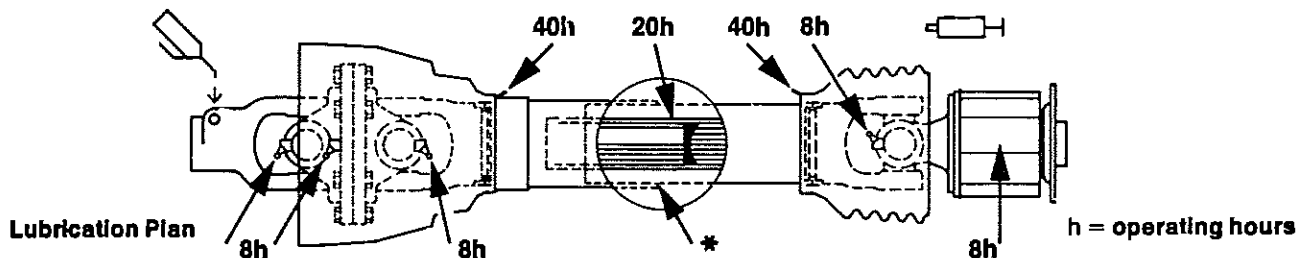
Lubrication



Grease inside of female shaft.



Apply grease to universal joint.



* The protective guards must be greased in winter to prevent freezing together!

Hydraulics

The M&W round bale press is provided with two hydraulic hoses and a three-way valve as a standard feature.

Hose 1 closes the rear door.

Hose 2 opens the door, lifts and lowers the pick-up depending on the setting of the three-way valve.

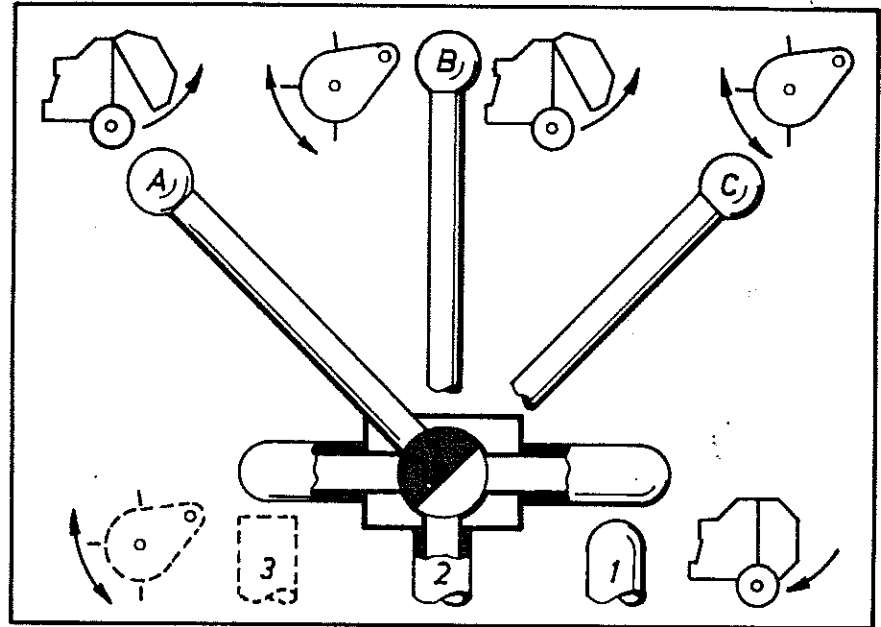


Illustration 4

If the lever of the three-way valve is in position:

A, the door can be opened and closed. The pick-up remains in its position.

B, then the pick-up is raised on opening of the door and lowered on closing.

C, then the pick-up can be raised and lowered without opening or closing the door.

If the tractor is fitted with an additional control valve and three hydraulic connections, it is advisable to fit a third hose to the press as well (connection provided, see illustration 4, position 3). All functions can be operated from the tractor. The three-way valve always remains in position A in this case.

Pick-up

No additional sensor wheels are required since the pick-up is fitted close to the driving wheels

The operating height of the pick-up can be pre-set. This adjustment is carried out with the pick-up in the raised position and by moving pin (A) (see illustration 5).

The operating height is to be adjusted so that the pick-up cleanly gathers all the harvesting material, but without the tines piercing the ground.

In the raised position, the pick-up must be firmly positioned underneath the frame. If necessary, the fixing ropes must be shortened by means of the rope clamps on both sides.

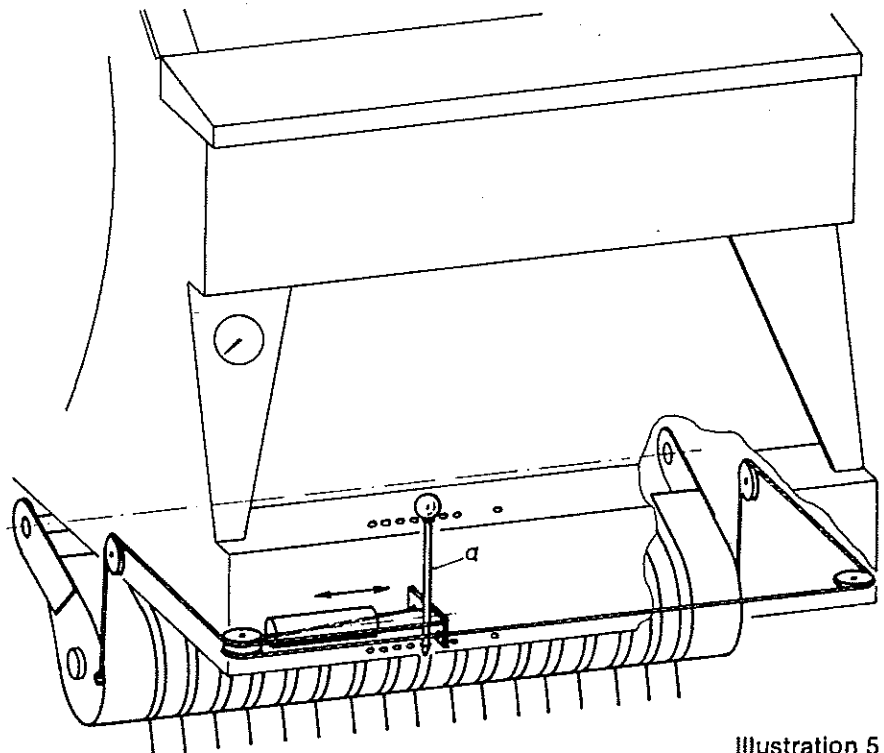
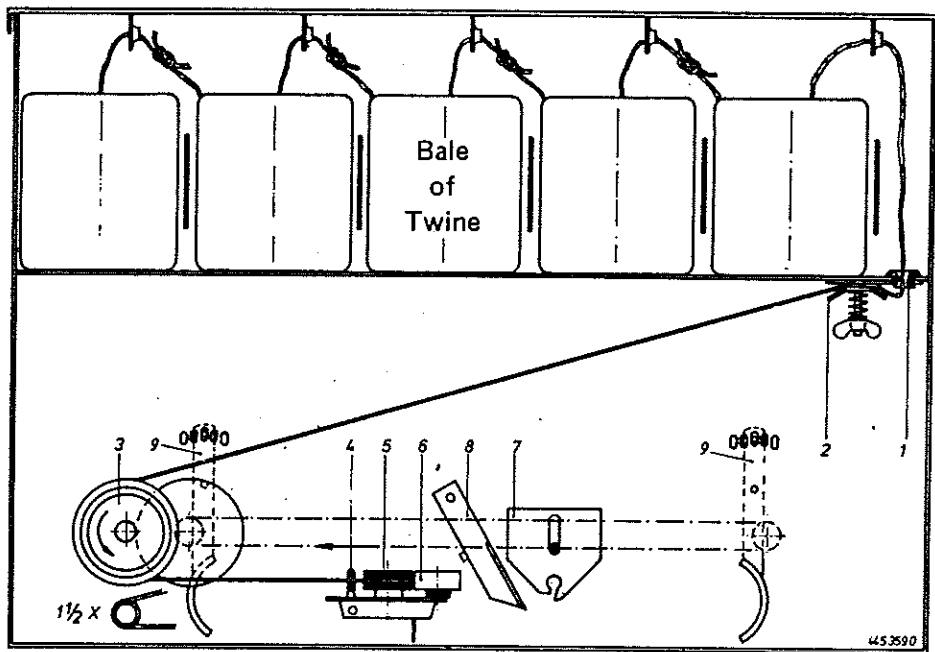


Illustration 5



Synthetic twine, 600-900 Ft./Lb. must be used if the round bales are to be stored outdoors.

Sisal hemp, 225-495 Ft./Lb., may be used if the bales are stored under cover. The twine container of the 1800 takes six rolls and that of the 1500 five rolls.

Illustration 6

1. The binding twine is placed in the container in an upright position, as shown in illustration 6, and threaded through.
2. The twine is threaded through the eyes on the lid of the binding twine container and tied with a knot.
3. The twine is then threaded through the twine guide 1 and the twine brake 2.
4. Feed twine one and a half times around the step wheel 3.
5. Feed twine through eye 4 and between the rollers 5 and 6 in the direction of the press chamber. Leave approximately 4" protruding through this last twine guide.
6. The twine holder 7 should be placed approximately 8" away from the rollers in its initial position and must move to the left if the step wheel turns counterclockwise.
7. If the starter mechanism does not feed the twine through, check if the binding twine is jammed or if roller 6 has sufficient tension, tighten if necessary.
8. The distance of the twine winding around the bale can be increased by changing the position of the twine on step wheel 3:
 large wheel diameter = close winding for short crop
 small wheel diameter = wide windings for long crop
9. The distance of the twine from the bale edge can be adjusted by means of the twine stop 9.

Safety and accident prevention

1. Always switch the tractor engine off when working on the machine.
2. Always fit the safety guards in accordance with the instructions.
3. Always fit the safety chain of the pto guard to prevent it from turning.
4. Do not stand under the opened rear door. If access to this part is required, always fit the two safety guards to the hydraulic cylinders.
5. **Note!** The implement must be used in accordance with instructions.

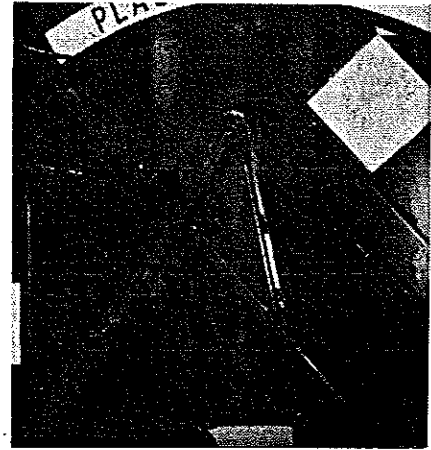


Illustration 7

Attention! Blockages in the inlet area must only be removed with the tractor engine switched off. See also "failure remedies" (page 10).

6. Avoid entering the area behind the baler when the bale is ejected. Ensure that no one is positioned there.
7. On sloping fields, the round bales must be deposited and secured so that they cannot roll off.
8. When transporting the bales with a front loader,
 - a) Ensure that the area is clear of obstructions
 - b) Use long tines
 - c) Only raise the loader as high is necessary.
9. Stack the bales so that they cannot roll off or tilt.

Before using for the first time

Carry out the following checks before using the round bale press:

1. Check that all lubrication points are filled with grease or oil. Refill if necessary (see lubrication plan).
2. Check and re-tighten all nuts and bolts.
3. Run the baler for a few minutes, pto speed 400-500 rpm. Check the bale press once again after this test run and tighten all nuts and bolts, if necessary, and check the chain tensioning (see pages 8 and 9).
4. Open and close the implement. Check that oil lines and fittings are not leaking.

Practical hints

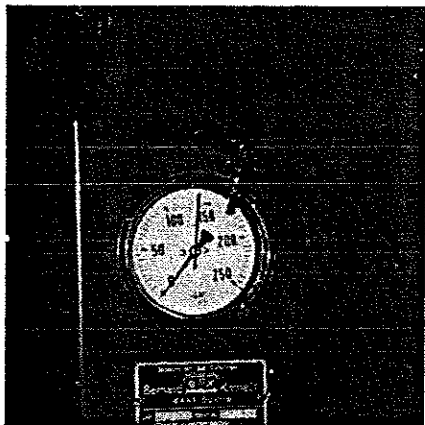


Illustration 8

1. Using the tractor hydraulics, raise the pressure for the closing of the door to 135 bars. The pressure-relief valve in the control unit is pre-set.
2. Engage pto and raise or lower pick-up to appropriate height.
3. Position the tractor over the swath centrally. The swath should be even and not too thick. An even swath makes for a clean harvest. The swath width should ideally be the same as the bale width.
4. If the swath is too wide, the bale will be forced against the side walls of the chamber and will be difficult to eject.

5. In the case of narrow swath, it is advisable to weave the tractor from side to side. This will ensure that the bales are evenly compacted. Do not drive in a zig-zag line but on the left-hand side for one stretch, changing to the right-hand side for another.

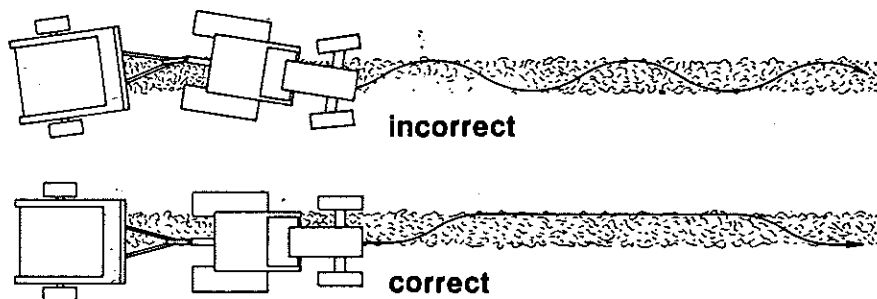


Illustration 9

6. The driving speed must be adjusted to suit the harvesting material and the swath thickness and should be between 3-8 MPH. Commence slowly until the harvesting material is taken up in the rolling movement. Now accelerate to full speed until the power consumption increases considerably, then select a lower gear and operate until the pressure gauge indicates approximately 170 bars.

Note:

Not all harvesting materials produce the same bales. The pressure of 170 bars is, therefore, only a guideline. Dry crops can be more easily compacted than wet crops. To establish the correct pressure, operate the press once until the overload mechanism cuts out. Set the "Stop" indicator to 10 bars less than the pressure shown on the gauge.

7. Before stopping, pull the operating cable of the twine starter until the twine is taken up and secured by the rolling bale, then stop. This means that the binding process has been started and will now continue automatically. The twine holder winds the twine around the bale, starting from the center and moving to the left, then across the whole width to the right and back again to the center. Here, the twine is cut by the blade 8 (see page 5, illustration 6). The binding twine mechanism is now ready for the next bale.
8. Reverse for a few feet while the bale is being wrapped. This will give you a clean start for the next bale.
9. To discharge the bale, stop the pto shaft, open the door and engage the pto. The elevator is automatically disengaged and the rollers eject the bale.
10. **Attention!** To close the door, drive forward so that the door does not touch the ejected bale. It is advisable to reduce the pto speed to 200-300 rpm when closing the door so that the drive unit is not over-loaded. The process is now complete and the next bale can be formed.

Overload Cut-out

The M&W round bale press has three overload cut-out mechanisms:

1. The overload cut-out of the pto shaft makes a loud noise if the press is filled too much or if too much crop has been taken up. The pto shaft must be immediately disengaged. Re-start the machine by slowly re-engaging the pto shaft.
2. The overload cut-out for the rollers and the pick-up is fitted on the cross drive shaft. It comes into operation, if
 - a) a solid article passes through the rollers,
 - b) the swath is too thick,
 - c) the pick-up is too low or
 - d) the press is too full.
3. If these two overload cut-outs should not operate for any reason, a pressure-relief valve in the hydraulic system comes onto force at a pressure of approximately 220 bars. The door will then open slightly and the last part of the harvested crop will be deposited on to the field directly behind the rollers.

Chain tensioning and lubrication plan

It is essential to check the tension of the elevator chain before forming the first bale.

This must be carried out with a bale in the chamber (pressure gauge indication approximately 160 bars). The tension is correct if there is a play of 1 cm (3/8") at the point shown in illustration 10.

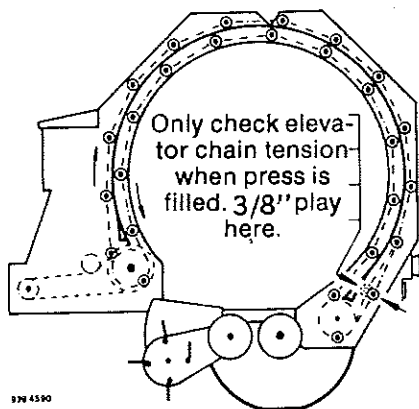


Illustration 10: Elevator chains

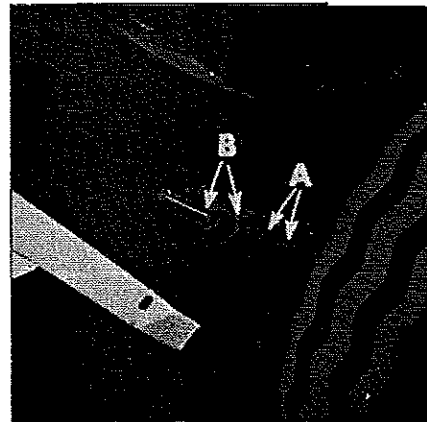


Illustration 11: Elevator chain tensioner



Illustration 12: Roller drive

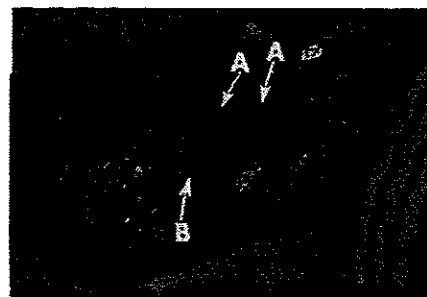


Illustration 13: Pick-up drive

Loosen screws A, tighten chain with screw B, re-tighten screw A (illustrations 10, 11, 12).

Elevator Drive and Rear Roller

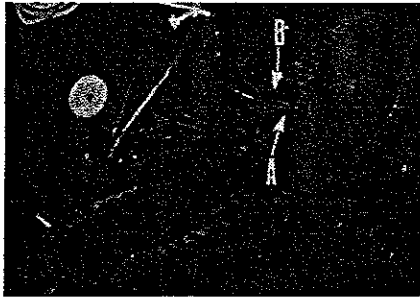


Illustration 14: Elevator drive

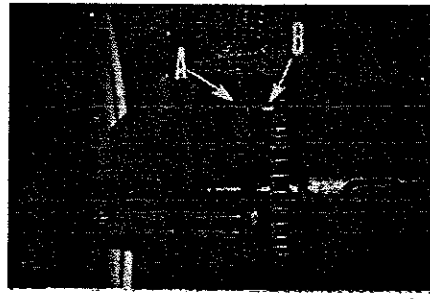


Illustration 15: Rear Roller drive

Loosen screw A and press the tensioning wheel B against the chain, re-tighten screw A.

Lubrication Plan

The gear box is filled with 1 litre (1.0567 quarts) of SAE 90 up to the level of the plug. Change the oil after the first 500 bales, then every 2000 bales. Grease the dog clutch every 10 hours (see illustration 18). The grease zerks of the drive shaft are located inside the chamber (illustration 19). Open the chamber and secure both safety guards of the hydraulic cylinder (see page 6, illustration 7). Grease every 10 hours of operation.

Attention! Switch the tractor engine off when carrying out maintenance works. Always replace the protective guards.



Illustration 16

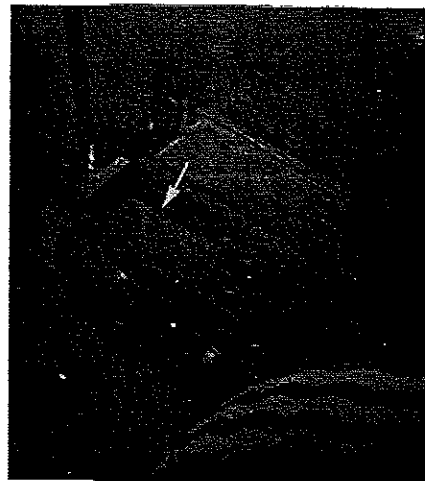


Illustration 17

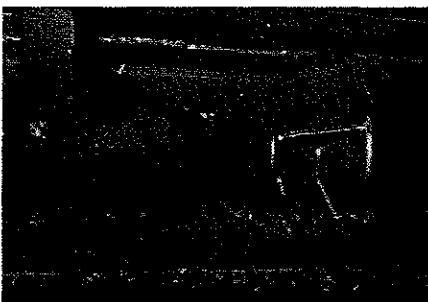


Illustration 18



Illustration 19

Failure Remedies

What to do, if . . .

. . . the pick-up cannot be lowered?

1. Check the position of the three-way valve (see page 5)
2. Lubricate the suspension.

. . . the inlet area becomes blocked?

1. Blockages in the inlet area are caused by untidy and excessively large swaths.
2. Stop immediately to prevent the harvesting material from being taken up by the slats of the elevator chain and becoming lodged between the binding mechanism and the casing.
3. Remove blockages by raising and lowering the pick-up with the implement running at a low speed.
4. In the case of large obstacles, switch off tractor engine, lift fixing rail and remove blockages by hand.

. . . there is an unusual noise when the bale is nearly finished?

The ejection feed mechanism of the rollers has come into operation. Do not drive on since the bale is sufficiently compressed. Start binding process. Harvest the next bale with less pressure.

. . . the bale is not ejected?

1. Do not overfill the sides.
2. Make narrower swaths.
3. Do not use excessive compacting pressure.

. . . the bale is larger on the right-hand side and the twine intact?

1. The press has been filled too quickly during the final stages.
2. Drive more slowly during the last few feet or roll once more before binding without adding further harvesting material.

. . . the bale is larger on the left-hand side with the twine intact?

1. The last piece of the binding twine has become loose.
2. Use coarser twine or closer windings (see page 6). Uneven bales are also produced by a one-side filling of the press.

. . . the twine slips off the edges of the bales?

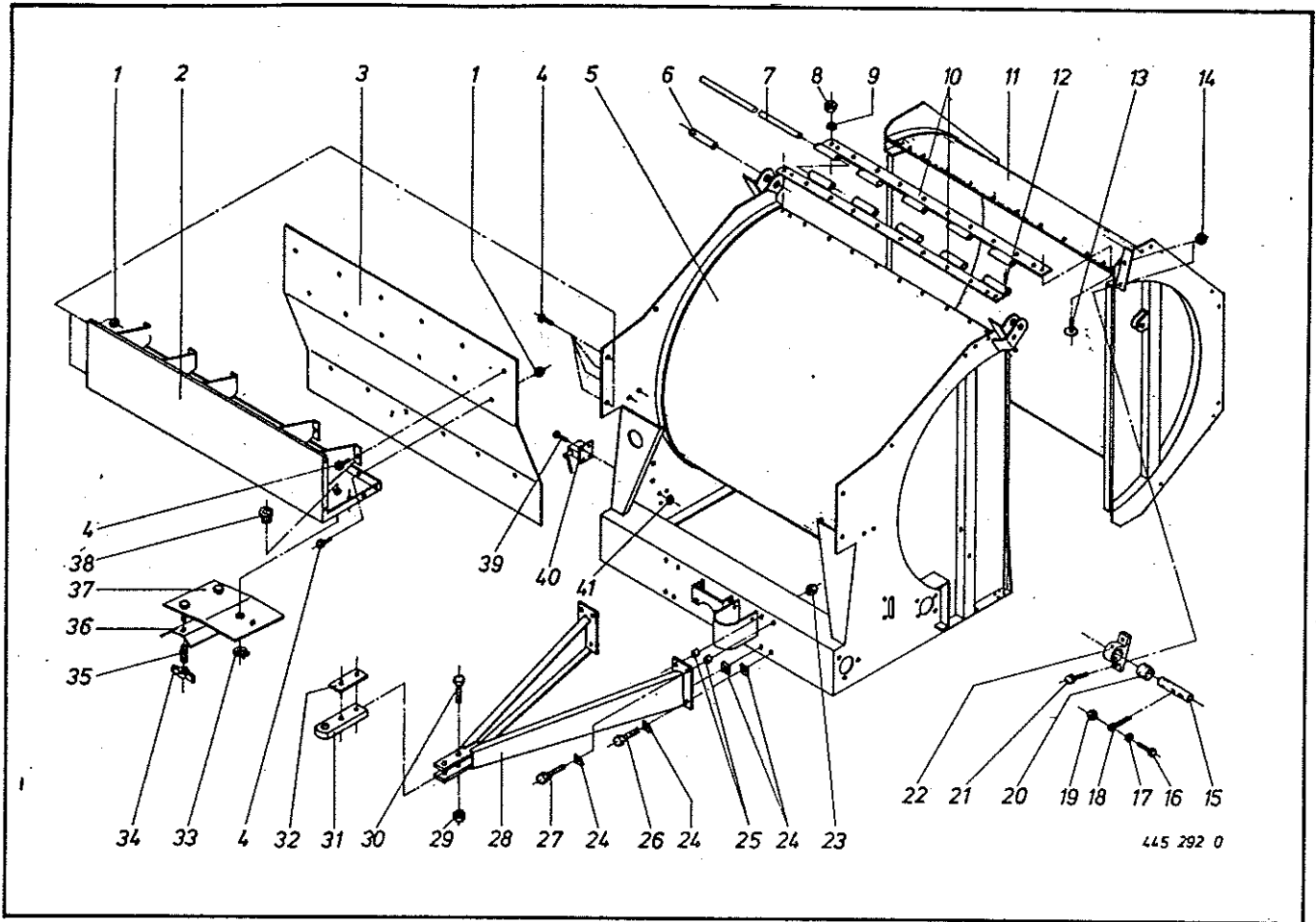
1. Drive slowly to start with or roll once more before binding.
2. Adjust side stops to the correct setting (see page 6).

. . . the elevator chain continues when the door is open?

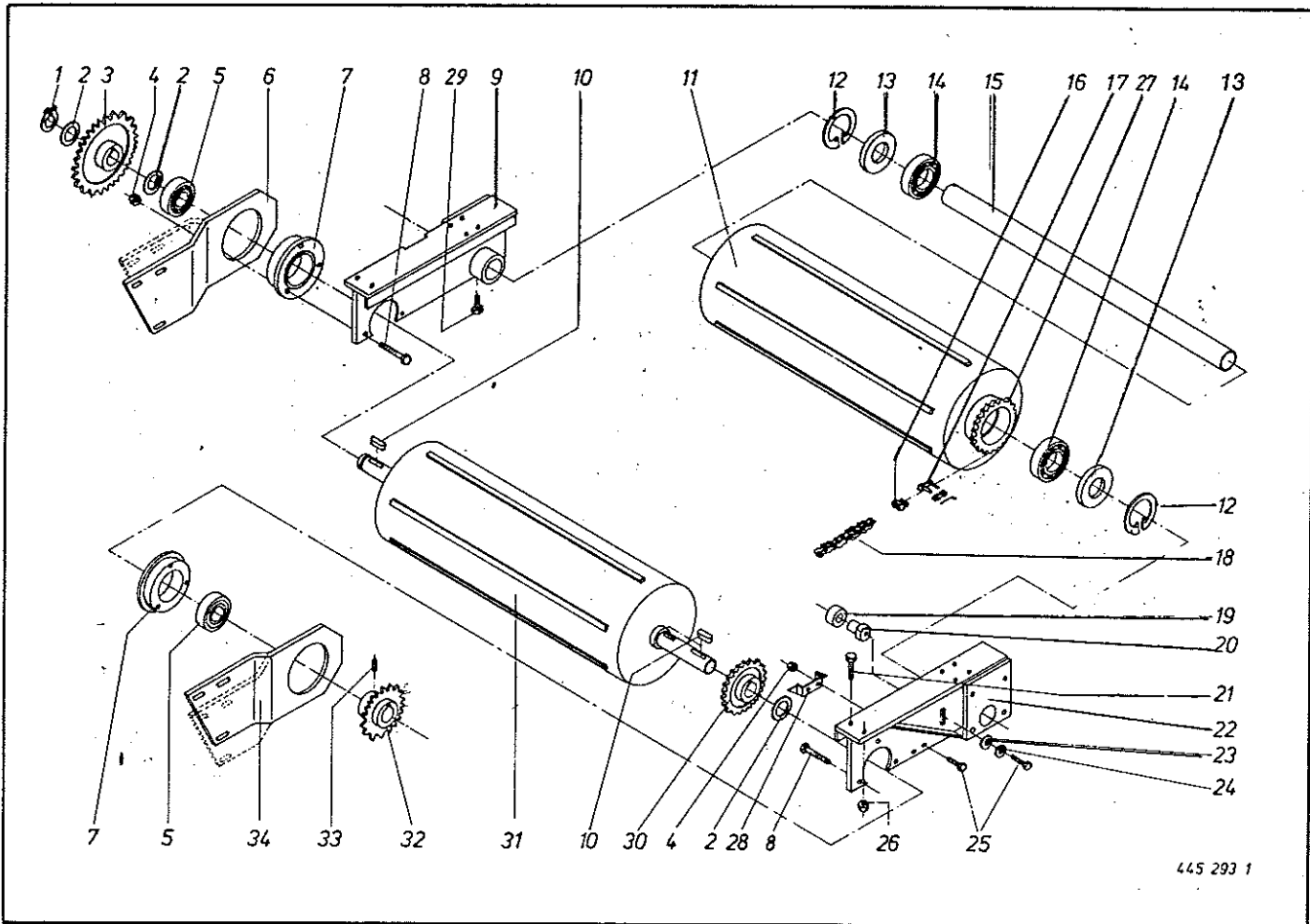
1. The dog clutch coupling in the front drive shaft does not stop elevator.
2. The cable from the dis-engaging lever to the coupling is too long.
3. Shorten the cable by means of the adjusting nut on the lever until the coupling is at a distance of 5 to 8 mm (2" to 3") with the machine in the opened position (see page 11, illustration 18).

Storing the round baler

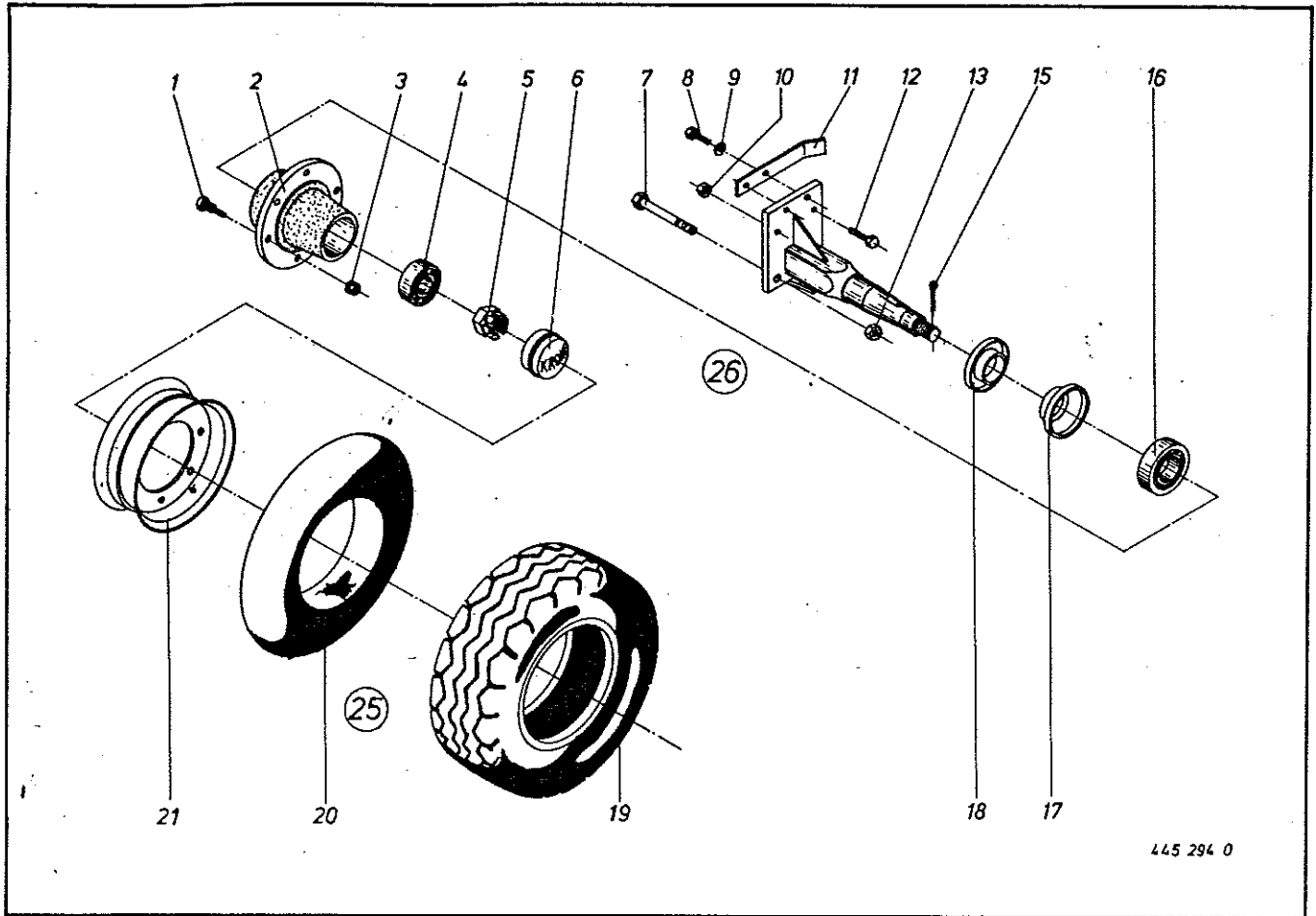
1. If possible store the machine under cover.
2. Disconnect the operating cable of the binding mechanism.
3. **Release pressure** and disconnect the hydraulic pipes, insert plugs in holders.
To release pressure open the rear door switch off tractor engine and close rear door again by operating the control valve.
4. Secure support leg in the lower setting, lower drawbar. Wedge the wheels of the round bale press before disconnecting from the tractor.
5. Clean and check all components after the harvesting season. Tighten all nuts and bolts. Check moveable parts for correct positioning and free running. Replace damaged parts. Lubricate in accordance with the lubrication plan. Apply corrosion inhibitor to the elevator and all exposed areas, particularly inside the press. Touch up paintwork, if necessary. Store the machine in a dry place until the next season.



| Illustration Number | Spare Parts No. | | Description | Illustration Number | Spare Parts No. | | Description |
|---------------------|-----------------|-------------|----------------------|---------------------|-----------------|-------------|-----------------------|
| | 1500 | 1800 | | | 1500 | 1800 | |
| 1 | K 908 706 0 | K 908 706 0 | Hexagon Nut NM 8 | 22 | K 219 034 0 | K 219 034 0 | Bearing complete |
| 2 | K 275 064 0 | K 280 392 0 | Twine box | 23 | K 908 716 0 | K 908 716 0 | Nut hex. NM 16 |
| 3 | K 275 067 0 | K 280 117 1 | Cover | 24 | K 911 203 0 | K 911 203 0 | Washer 18 |
| 4 | K 900 254 0 | K 900 254 0 | Bolt M 8 x 16 | 25 | K 280 384 0 | K 280 384 0 | Spacer Bush |
| 5 | K 275 080 0 | K 280 313 2 | Housing front | 26 | K 901 131 0 | K 901 131 0 | Bolt M 16 x 50 |
| 6 | K 280 299 0 | K 280 299 0 | Bearing pin right | 27 | K 901 134 0 | K 901 134 0 | Bolt M 16 x 55 |
| 7 | K 275 046 0 | K 280 291 0 | Hinge bolt | 28 | K 280 372 0 | K 280 372 0 | Drawbar complete |
| 8 | K 908 010 0 | K 908 010 0 | Nut M 8 | 29 | K 908 726 0 | K 908 726 0 | Hex. nut NM 24 |
| 9 | K 910 010 0 | K 910 010 0 | Spring washer B 8 | 30 | K 901 237 0 | K 901 237 0 | Bolt M 24 x 110 |
| 10 | K 275 048 0 | K 280 292 1 | Hinge | 31 | K 280 373 0 | K 280 373 0 | Hitch |
| 11 | K 275 077 0 | K 280 300 2 | Housing rear | 32 | K 280 375 0 | K 280 375 0 | Spacer |
| 12 | K 912 608 0 | K 912 608 0 | Tension pin 5 x 20 | 33 | K 911 552 0 | K 911 552 0 | Circlip A 20 x 1,2 |
| 13 | K 905 131 0 | K 905 131 0 | Round headed bolt | 34 | K 909 410 0 | K 909 410 0 | Wing Nut M 8 |
| 14 | K 908 711 0 | K 908 711 0 | Hexagon Nut NM 12 | 35 | K 270 160 0 | K 270 160 0 | Spring |
| 15 | K 280 298 0 | K 280 298 0 | Bearing pin-right | 36 | K 280 222 0 | K 280 222 0 | Twine guide |
| 16 | K 900 261 0 | K 900 281 0 | Bolt M 8 x 30 | 37 | K 280 224 0 | K 280 224 0 | Plate |
| 17 | K 910 504 0 | K 910 504 0 | Washer 9 x 17 x 1,6 | 38 | K 342 016 0 | K 342 016 0 | Twine Tensioner Plate |
| 18 | K 912 145 0 | K 912 145 0 | Split pin 10 x 50 | 39 | K 903 403 0 | K 903 403 0 | Allen Screw AM 3 x 10 |
| 19 | K 908 706 0 | K 908 706 0 | Hex. nut NM 8 | 40 | K 280 393 0 | K 280 393 0 | Bale Counter |
| 20 | K 219 081 0 | K 219 081 0 | Bush 30 x 36 x 40 | 41 | K 908 004 0 | K 908 004 0 | Nut M 3 |
| 21 | K 900 300 0 | K 900 300 0 | Hex. screw M 12 x 40 | | | | |

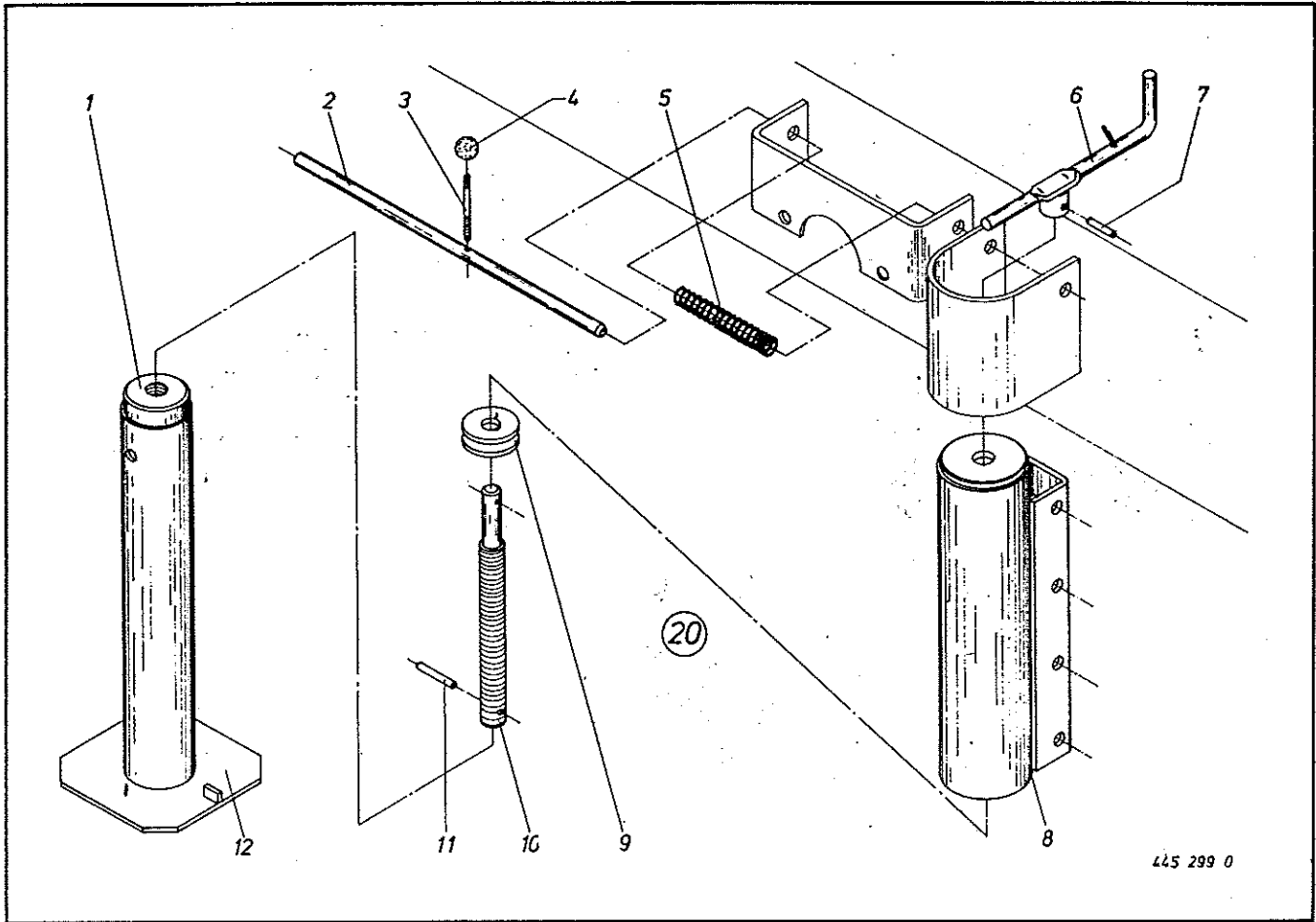


| Illustration Number | Spare Parts No. | | Description | Illustration Number | Spare Parts No. | | Description |
|---------------------|-----------------|------------|-------------------------|---------------------|-----------------|------------|------------------------|
| | 1500 | 1800 | | | 1500 | 1800 | |
| 1 | K911 545 0 | K911 545 0 | Circlip, A 40 x 1, 75 | 18 | K921 875 0 | K921 875 0 | Chain |
| 2 | K910 892 0 | K910 892 0 | Washer, 40 x 50 x 2 | 19 | K937 952 0 | K937 952 0 | Roller |
| 3 | K280 415 0 | K289 415 0 | Sprocket, 3/4", Z = 40 | 20 | K280 421 0 | K280 421 0 | Bolt, Roller |
| 4 | K908 708 0 | K908 708 0 | Nut, NM 10 | 21 | K900 299 0 | K900 299 0 | Hex Screw |
| 5 | K934 628 0 | K934 628 0 | Ball Bearing | 22 | K280 333 1 | K280 333 1 | Support Bracket - Left |
| 6 | K280 344 0 | K280 343 0 | Pick Up Holder - Right | 23 | K910 638 0 | K910 638 0 | Washer, 11/36 x 2, 5 |
| 7 | K934 129 0 | K934 129 0 | Housing | 24 | K910 011 0 | K910 011 0 | Spring Washer |
| 8 | K901 061 0 | K901 061 0 | Hex Bolt | 25 | K900 279 0 | K900 279 0 | Screw |
| 9 | K280 370 1 | K280 370 1 | Support Bracket - Right | 26 | K908 711 0 | K908 711 0 | Hex Nut |
| 10 | K915 152 0 | K915 152 0 | Key, A 12 x 8 x 32 | 27 | K280 076 0 | K280 076 0 | Sprocket, 5/8", Z = 26 |
| 11 | K275 039 0 | K280 070 1 | Rear Roller | 28 | K280 410 0 | K280 410 0 | Scraper |
| 12 | K911 680 0 | K911 680 0 | Circlip, J 90 x 3 | 29 | K900 575 0 | K900 575 0 | Hex Bolt |
| 13 | K936 923 0 | K936 923 0 | Nilos Ring | 30 | K280 412 1 | K280 412 1 | Sprocket |
| 14 | K930 540 0 | K930 540 0 | Ball Bearing 6210 2 RS | 31 | K275 088 0 | K280 420 0 | Front Roller |
| 15 | K275 036 0 | K280 367 0 | Axle | 32 | K280 413 0 | K280 413 0 | Sprocket |
| 16 | K921 990 0 | K921 990 0 | Stepped Link | 33 | K905 933 0 | K905 933 0 | Grub Screw |
| 17 | K921 988 0 | K921 988 0 | Joining Link | 34 | K280 343 0 | K280 344 0 | Pick Up Holder - Left |



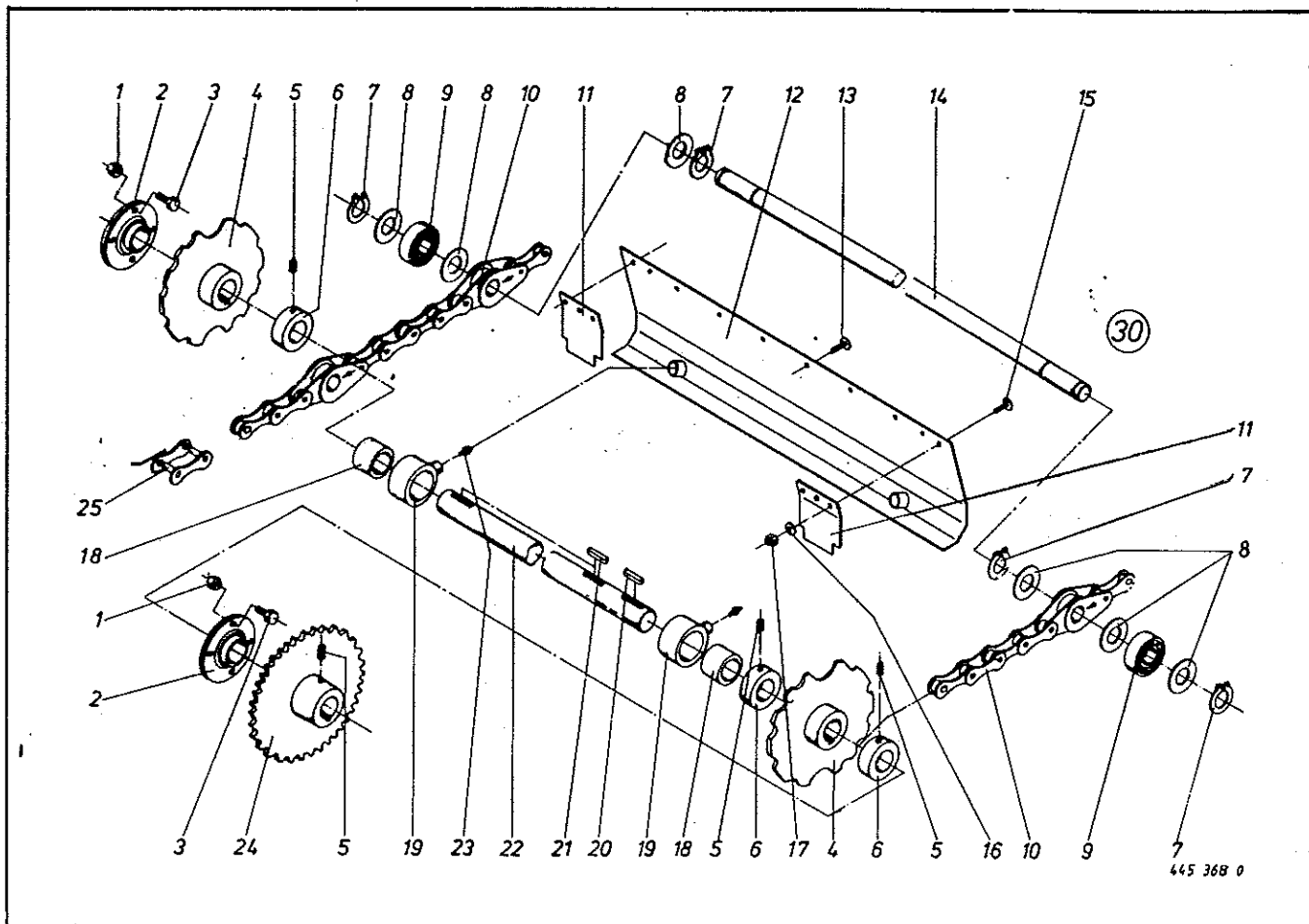
445 294 0

| Illustration Number | Spare Parts No. | | Description | Illustration Number | Spare Parts No. | | Description |
|---------------------|-----------------|-------------|----------------------------|---------------------|-----------------|-------------|------------------------------------|
| | 1500 | 1800 | | | 1500 | 1800 | |
| 1 | K 910 256 0 | K 910 256 0 | Wheel bolt | 16 | K 932 212 0 | K 932 212 0 | Cylinder roller bearing L.44610/49 |
| 2 | K 952 254 0 | K 952 254 0 | Wheel hub | 17 | K 952 330 0 | K 952 330 0 | Sealing ring |
| 3 | K 910 225 0 | K 910 225 0 | Wheel nut | 18 | K 952 320 0 | K 952 320 0 | Ring |
| 4 | K 932 222 0 | K 932 222 0 | Bearing LM 50 1310/49 | 19 | K 953 215 0 | K 953 215 0 | Tyre 11,5/80 - 15/8 ply |
| 5 | K 908 827 0 | K 908 827 0 | Castellated nut M 24 x 1,5 | | K 953 205 0 | K 953 205 0 | Tyre 7,50 - 16/10 ply |
| 6 | K 952 310 0 | K 952 310 0 | Wheel cap | 20 | K 953 312 0 | K 953 312 0 | Tube 11,5/80 - 15 |
| 7 | K 901 210 0 | K 901 210 0 | Hex. screw M 20 x 110 | | K 953 305 0 | K 953 305 0 | Tube 7,50 - 16 |
| 8 | K 900 298 0 | K 900 298 0 | Hex. screw M 12 x 30 | 21 | K 953 108 0 | K 953 108 0 | Rim 6 hole 9.00 x 15 |
| 9 | K 910 012 0 | K 910 012 0 | Spring washer B 12 | | K 953 105 0 | K 953 105 0 | Rim 5,50 F x 16 |
| 10 | K 908 711 0 | K 908 711 0 | Nut hex. NM 12 | 25 | K 953 015 0 | K 953 015 0 | Wheel assembly 11,5/80 - 15 |
| 11 | K 280 358 0 | K 280 358 0 | Guide bar | | K 953 005 0 | K 953 005 0 | Wheel assembly 7,50 - 16 |
| 12 | K 901 080 0 | K 901 080 0 | Hex. screw M 12 x 45 | 26 | K 280 357 0 | K 280 357 0 | 10 ply Axle assembly |
| 13 | K 908 721 0 | K 908 721 0 | Hex. nut NM 20 | | | | |
| 15 | K 912 077 0 | K 912 077 0 | Split pin 4,5 x 40 | | | | |

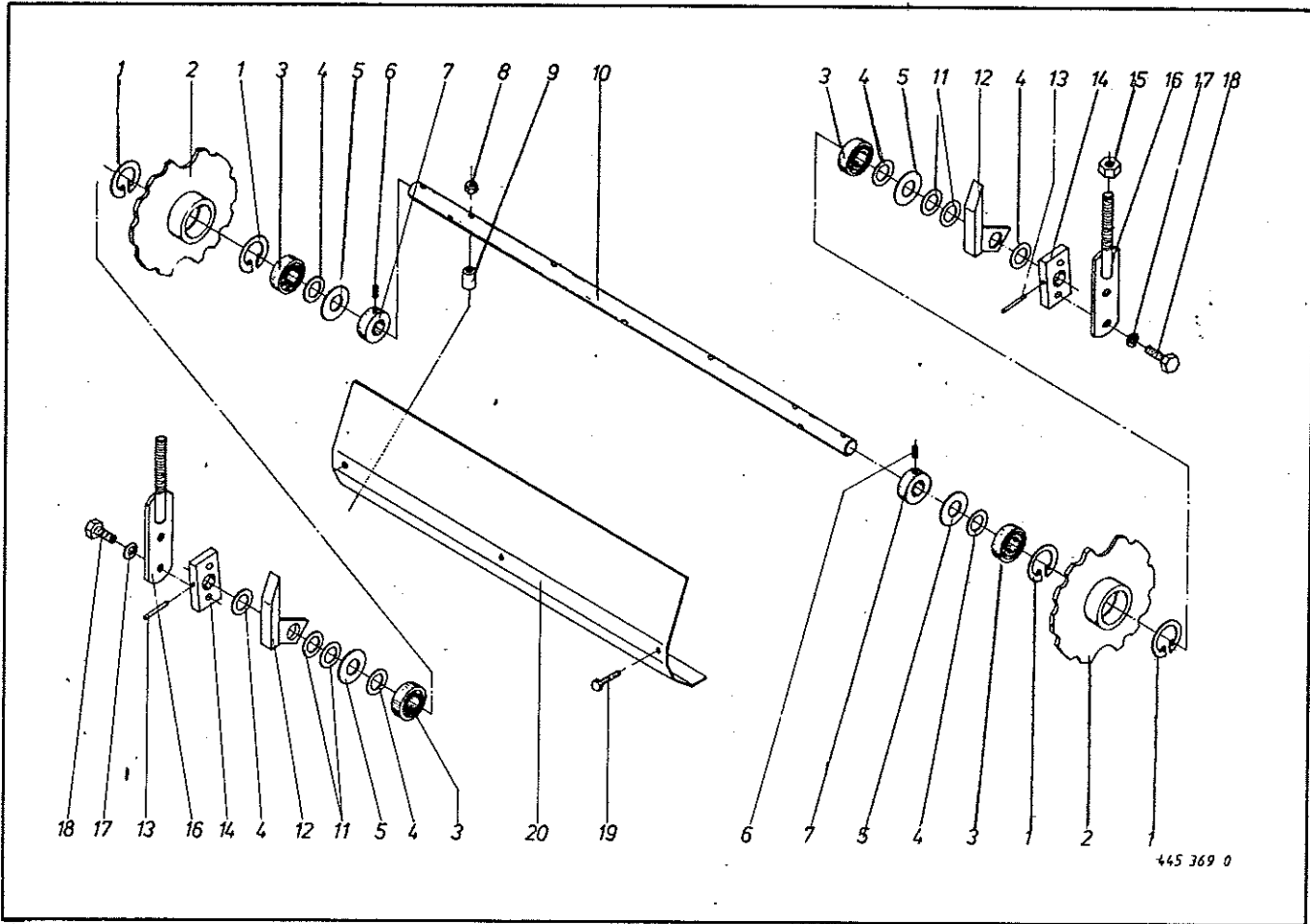


445 299 0

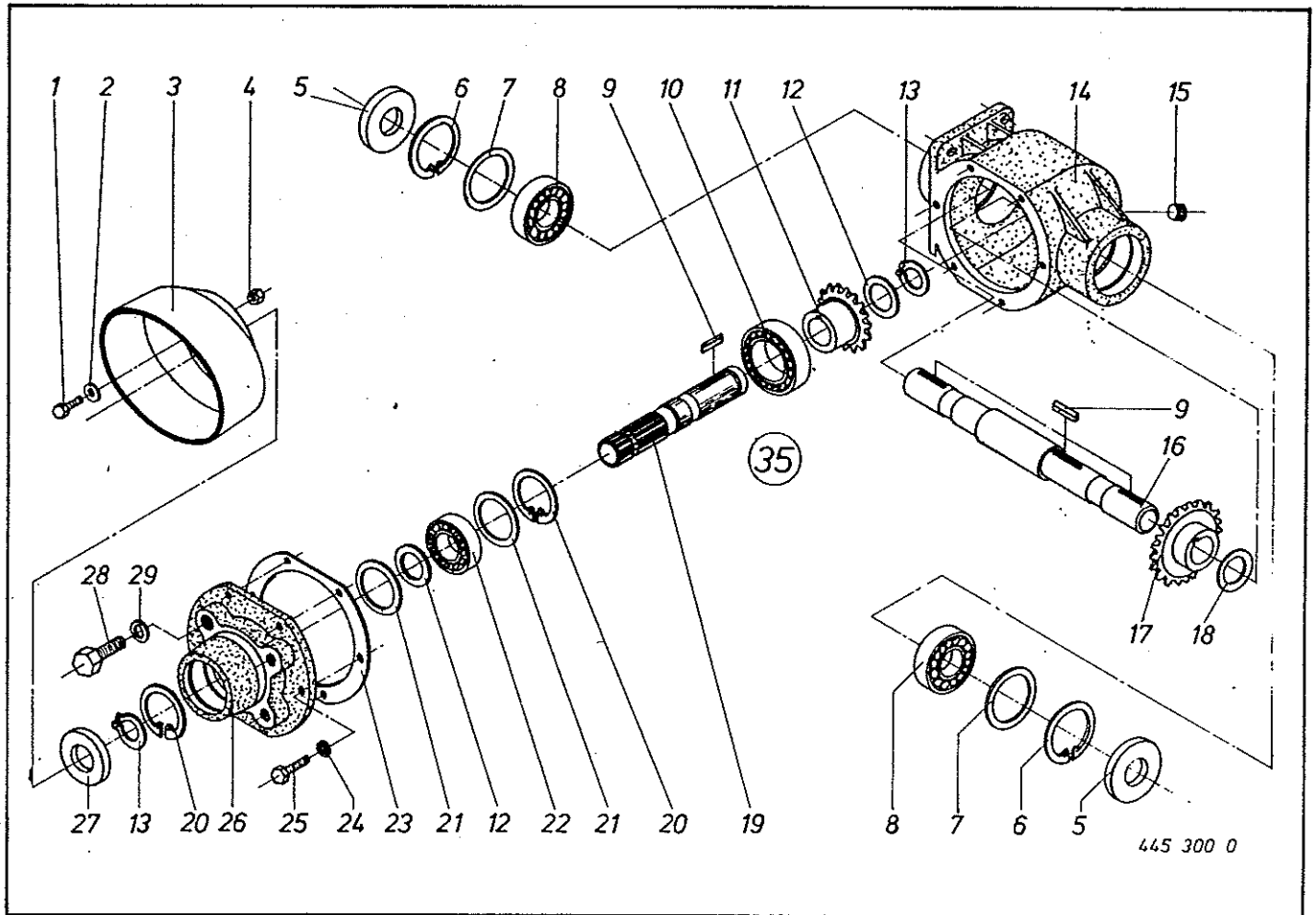
| Illustration Number | Spare Parts No. | | Description | Illustration Number | Spare Parts No. | | Description |
|---------------------|-----------------|-------------|-----------------|---------------------|-----------------|-------------|----------------|
| | 1500 | 1800 | | | 1500 | 1800 | |
| 1 | K 954 043 0 | K 954 043 0 | Nut (Weld in) | 8 | K 954 065 0 | K 954 065 0 | Inner Tube |
| 2 | K 280 380 0 | K 280 380 0 | Locking Bar | 9 | K 933 504 0 | K 933 504 0 | Thrust Bearing |
| 3 | K 903 790 0 | K 903 790 0 | Stud | 10 | K 954 053 0 | K 954 053 0 | Spindle |
| 4 | K 919 509 0 | K 919 509 0 | Knob | 11 | K 912 583 0 | K 912 583 0 | Tension Pin |
| 5 | K 280 385 0 | K 280 385 0 | Pressure Spring | 12 | K 954 066 0 | K 954 066 0 | Inner Tube |
| 6 | K 954 053 0 | K 954 053 0 | Handle | 20 | K 954 012 0 | K 954 012 0 | Jack Assembly |
| 7 | K 912 643 0 | K 912 643 0 | Tension Pin | | | | |



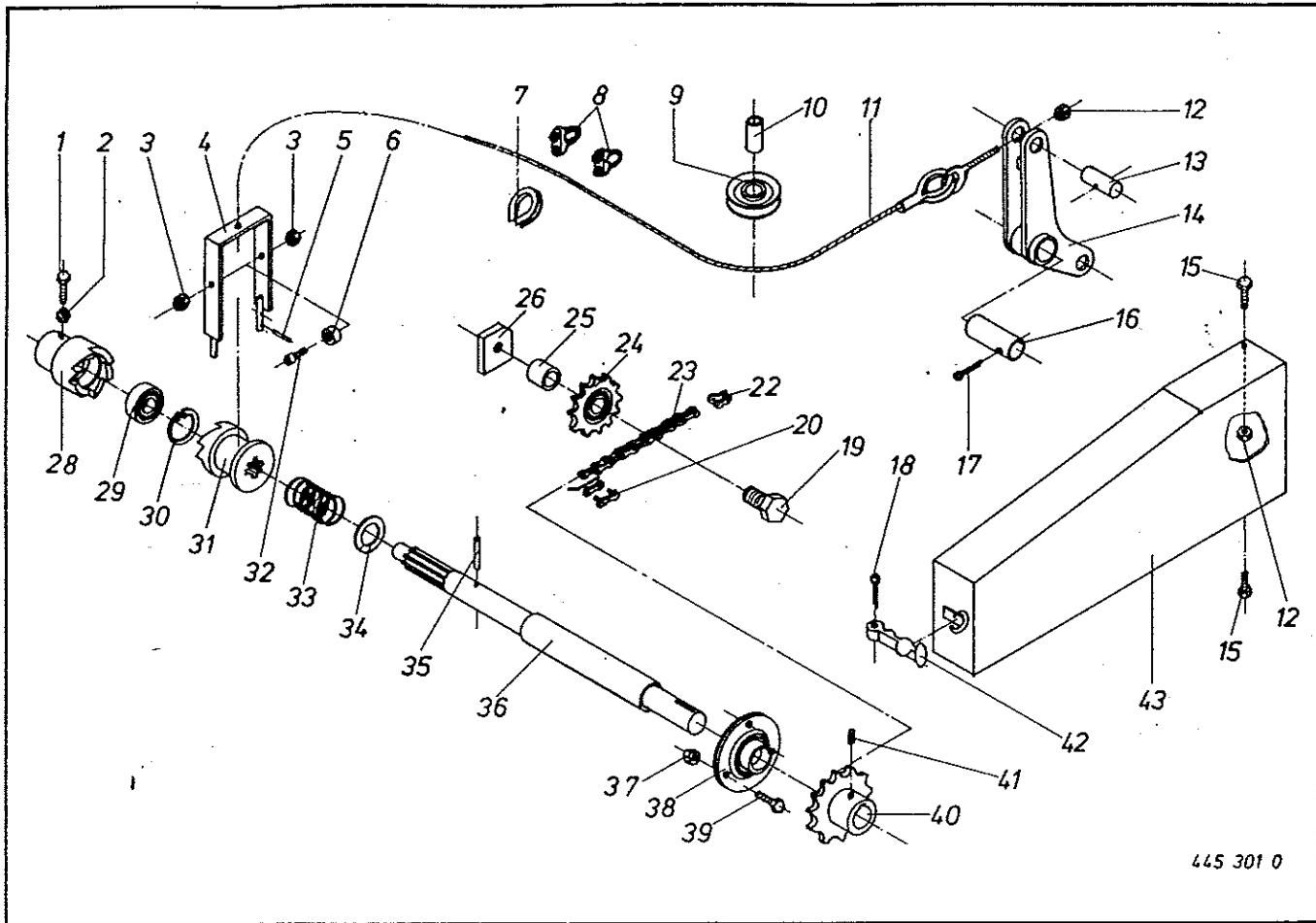
| Illustration Number | Spare Parts No. | Description | Illustration Number | Spare Parts No. | Description | | |
|---------------------|-----------------|-------------|-----------------------------|-----------------|-------------|------------|-------------------------------|
| | 1500 | 1800 | | 1500 | 1800 | | |
| 1 | K908 711 0 | K908 711 0 | Hex Nut, NM 12 | 15 | K905 111 0 | K905 111 0 | Round Headed Bolt, M 6 x 20 |
| 2 | K934 019 0 | K934 019 0 | Flanged Bearing, RA 45 | 16 | K910 351 0 | K910 351 0 | Washer, 6, 6 x 22 x 2 |
| 3 | K900 296 0 | K900 296 0 | Hex Screw, M 12 x 25 | 17 | K908 704 0 | K908 704 0 | Hex Nut, NM 6 |
| 4 | K280 145 4 | K280 145 4 | Sprocket | 18 | K346 414 0 | K346 414 0 | Bushing |
| 5 | K905 933 0 | K905 933 0 | Grub Screw, M 10 x 12 | 19 | K280 361 0 | K280 361 0 | Support Bearing |
| 6 | K911 324 0 | K911 324 0 | Collar, A 45 x 70 x 18 | 20 | K915 203 0 | K915 203 0 | Key, A 14 x 9 x 40 |
| 7 | K911 541 0 | K911 541 0 | Circlip, A 35 x 1, 5 | 21 | K915 206 0 | K915 206 0 | Key, A 14 x 9 x 50 |
| 8 | K910 657 0 | K910 657 0 | Washer, 35 x 50 x 2 | 22 | K275 040 0 | K280 135 1 | Drive Shaft |
| 9 | K930 537 0 | K930 537 0 | Bearing, 6207 2 RS | 23 | K919 003 0 | K919 003 0 | Grease Zerk, 8 x 1 |
| 10 | K922 013 0 | K922 012 0 | Chain Assembly | 24 | K280 144 1 | K280 144 1 | Sprocket, 1" x 30 T |
| 11 | K280 429 0 | K280 429 0 | Scraper | 25 | K921 982 1 | K921 982 1 | Connecting Link, 1" x 2 |
| 12 | K275 043 1 | K280 318 2 | Shield | 30 | K275 084 0 | K280.399 0 | Elevator Chain & Bar Assembly |
| 13 | K905 210 0 | K905 210 0 | Round Headed Bolt, M 6 x 16 | | | | |
| 14 | K275 037 2 | K280 249 3 | Bar | | | | |



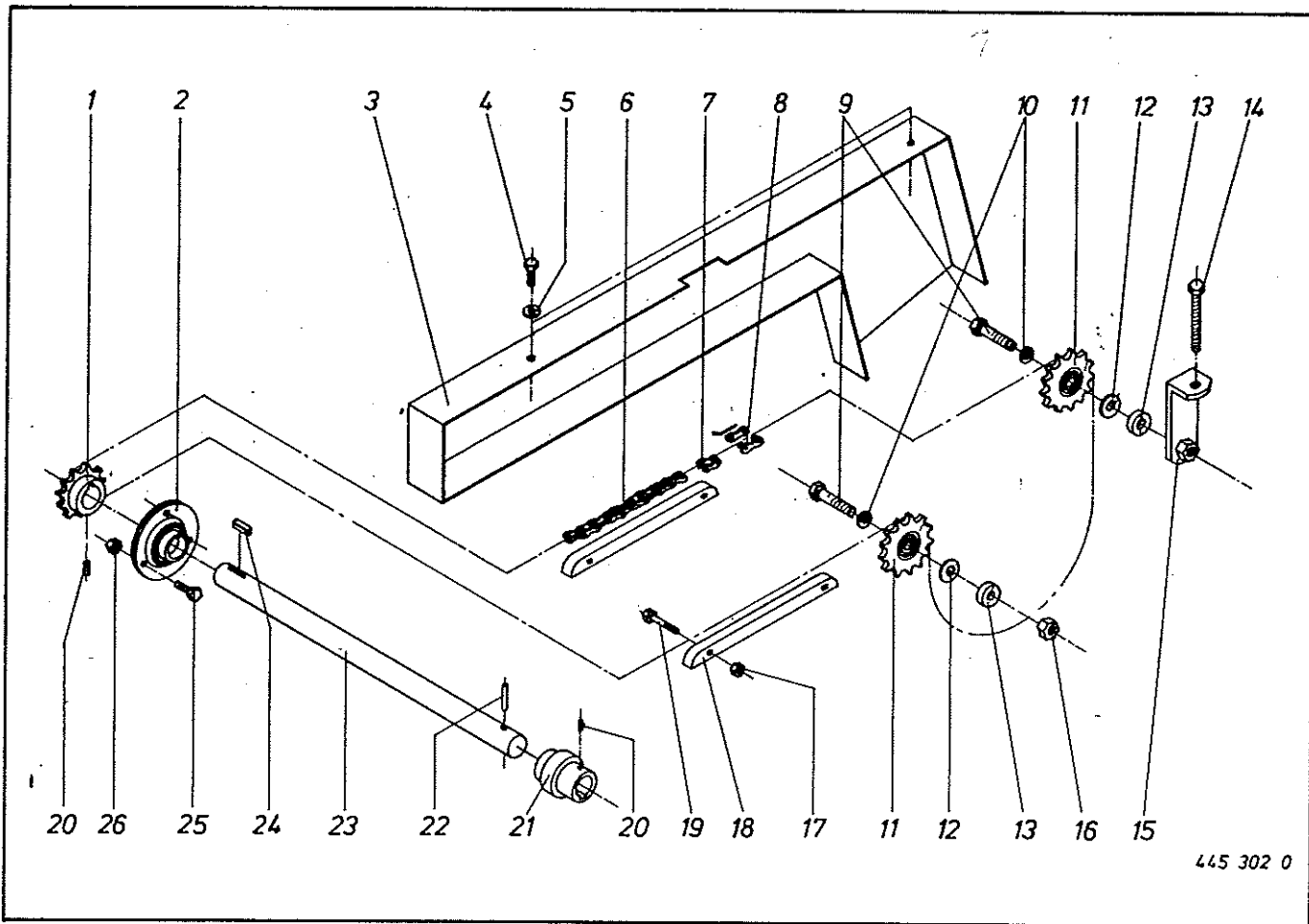
| Illustration Number | Spare Parts No. | | Description | Illustration Number | Spare Parts No. | | Description |
|---------------------|-----------------|------------|----------------------------|---------------------|-----------------|------------|--------------------------|
| | 1500 | 1800 | | | 1500 | 1800 | |
| 1 | K911 653 0 | K911 653 0 | Circlip J 55 x 2 | 11 | K910 864 0 | K910 864 0 | Shim Washer, 30 x 42 x 1 |
| 2 | K280 146 3 | K280 146 3 | Sprocket | 12 | K280 364 1 | K280 364 1 | Bracket |
| 3 | K930 506 0 | K930 506 0 | Bearing, 6006 - 2 RS | 13 | K912 676 0 | K912 676 0 | Tension Pin, 8 x 50 |
| 4 | K910 863 0 | K910 863 0 | Shim Washer, 30 x 40 x 0,5 | 14 | K280 267 1 | K380 267 1 | Bracket |
| 5 | K910 866 0 | K910 866 0 | Shim Washer, 30 x 55 x 2 | 15 | K908 020 0 | K908 020 0 | Hex Nut, M 16 |
| 6 | K905 922 0 | K905 922 0 | Allen Screw, M 8 x 10 | 16 | K280 270 0 | K280 270 0 | Chain Tensioner |
| 7 | K911 317 0 | K911 317 0 | Collar, A 30 x 45 x 16 | 17 | K910 014 0 | K910 014 0 | Spring Washer, B 16 |
| 8 | K908 706 0 | K908 706 0 | Nut, NM 8 | 18 | K900 336 0 | K900 336 0 | Hex Bolt, M 16 x 35 |
| 9 | K280 273 0 | K280 273 0 | Spacer | 19 | K901 051 0 | K901 051 0 | Hex Screw, 78 x 80 |
| 10 | K275 045 1 | K280 279 1 | Shaft | 20 | K275 044 0 | K280 274 0 | Cover |



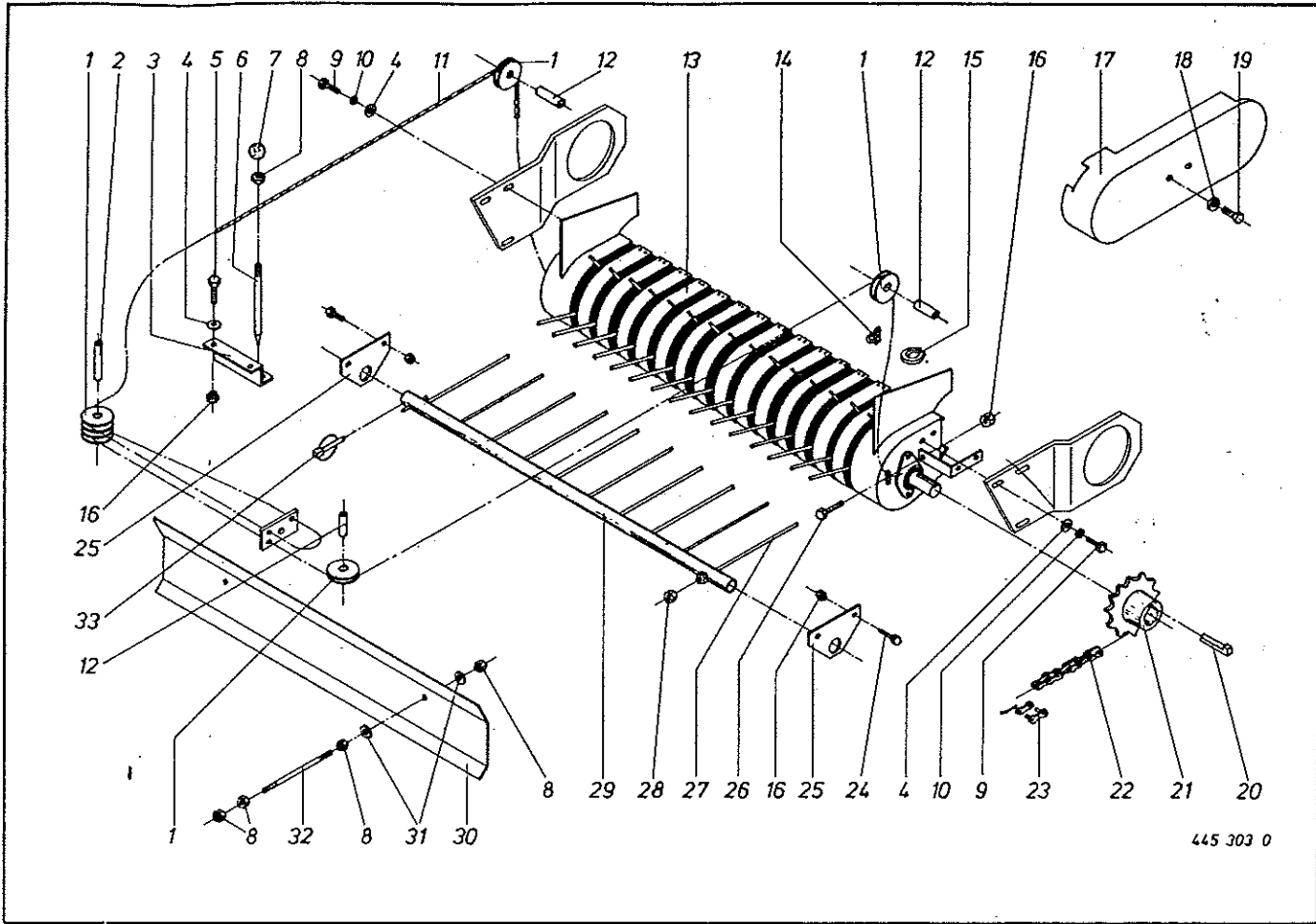
| Illustration Number | Spare Parts No. | | Description | Illustration Number | Spare Parts No. | | Description |
|---------------------|-----------------|-------------|-----------------|---------------------|-----------------|-------------|------------------|
| | 1500 | 1800 | | | 1500 | 1800 | |
| 1 | K 900 634 0 | K 900 634 0 | Hex. screw | 14 | K 151 035 0 | K 151 035 0 | Gear housing |
| 2 | K 910 606 0 | K 910 606 0 | Washer | 15 | K 906 040 0 | K 906 040 0 | Breather |
| 3 | K 270 193 0 | K 270 193 0 | Guard | 16 | K 280 004 1 | K 280 004 1 | Drive shaft |
| 4 | K 908 212 0 | K 908 212 0 | Hex. nut | 17 | K 151 033 1 | K 151 033 1 | Crown wheel |
| 5 | K 936 339 0 | K 936 339 0 | Seal | 18 | K 911 136 0 | K 911 136 0 | Washer |
| 6 | K 911 673 0 | K 911 673 0 | Circlip | 19 | K 151 037 1 | K 151 037 1 | Gear shaft |
| 7 | K 910 965 0 | K 910 965 0 | Washer | 20 | K 911 668 0 | K 911 668 0 | Circlip |
| | K 910 964 0 | K 910 964 0 | Washer | 21 | K 910 915 0 | K 910 915 0 | Washer |
| | K 910 963 0 | K 910 963 0 | Washer | | K 910 914 0 | K 910 914 0 | Washer |
| | K 910 962 0 | K 910 962 0 | Washer | | K 910 913 0 | K 910 913 0 | Washer |
| | K 910 960 0 | K 910 960 0 | Washer | | K 910 912 0 | K 910 912 0 | Washer |
| 8 | K 930 167 0 | K 930 167 0 | Ball bearing | | K 910 910 0 | K 910 910 0 | Washer |
| 9 | K 915 126 0 | K 915 126 0 | Key | 22 | K 930 137 0 | K 930 137 0 | Ball bearing |
| 10 | K 932 309 0 | K 932 309 0 | Ball bearing | 23 | K 151 042 0 | K 151 042 0 | Gearbox gasket |
| 11 | K 151 034 1 | K 151 034 1 | Pinion 12 teeth | 24 | K 910 011 0 | K 910 011 0 | Spring washer |
| 12 | K 911 136 0 | K 911 136 0 | Washer | 25 | K 900 279 0 | K 900 279 0 | Screw |
| | K 911 134 0 | K 911 134 0 | Washer | 26 | K 280 003 0 | K 280 003 0 | Gear cover |
| | K 911 133 0 | K 911 133 0 | Washer | 27 | K 936 137 0 | K 936 137 0 | Seal |
| | K 911 132 0 | K 911 132 0 | Washer | 28 | K 900 334 0 | K 900 334 0 | Screw |
| | K 911 130 0 | K 911 130 0 | Washer | 29 | K 910 014 0 | K 910 014 0 | Spring Washer |
| 13 | K 911 541 0 | K 911 541 0 | Circlip | 35 | K 280 005 1 | K 280 005 1 | Gearbox complete |



| Illustration Number | Spare Parts No. | Description | Illustration Number | Spare Parts No. | Description |
|---------------------|-----------------|-------------|---------------------|-----------------|----------------------------|
| | 1500 | 1800 | | 1500 | 1800 |
| 1 | K 900 506 0 | K 900 506 0 | 23 | K 922 424 0 | K 922 425 0 |
| 2 | K 908 012 0 | K 908 012 0 | 24 | K 922 322 0 | K 922 322 0 |
| 3 | K 908 711 0 | K 908 711 0 | 25 | K 280 164 0 | K 280 164 0 |
| 4 | K 280 316 0 | K 280 316 0 | 26 | K 275 078 0 | K 280 355 0 |
| 5 | K 912 584 0 | K 912 584 0 | 28 | K 280 165 0 | K 280 165 0 |
| 6 | K 280 149 1 | K 280 149 1 | 29 | K 930 536 0 | K 930 536 0 |
| 7 | K 917 505 0 | K 917 505 0 | 30 | K 911 659 0 | K 911 659 0 |
| 8 | K 917 602 0 | K 917 602 0 | 31 | K 280 166 1 | K 280 166 1 |
| 9 | K 003 041 1 | K 003 041 1 | 32 | K 903 137 0 | K 903 137 0 |
| 10 | K 912 771 0 | K 912 771 0 | 33 | K 030 195 0 | K 030 195 0 |
| 11 | K 345 792 0 | K 345 792 0 | 34 | K 036 219 1 | K 036 219 1 |
| 12 | K 908 706 0 | K 908 706 0 | 35 | K 912 648 0 | K 912 648 0 |
| 13 | K 280 162 0 | K 280 162 0 | 36 | K 275 038 0 | K 280 125 0 |
| 14 | K 280 121 1 | K 280 121 1 | 37 | K 908 708 0 | K 908 708 0 |
| 15 | K 900 614 0 | K 900 614 0 | 38 | K 934 017 0 | K 934 017 0 |
| 16 | K 280 159 1 | K 280 159 1 | 39 | K 900 279 0 | K 900 279 0 |
| 17 | K 912 145 0 | K 912 145 0 | 40 | K 200 356 0 | K 200 356 0 |
| 18 | K 912 271 0 | K 912 271 0 | 41 | K 905 933 0 | K 905 933 0 |
| 19 | K 901 206 0 | K 901 206 0 | 42 | K 924 252 0 | K 924 252 0 |
| 20 | K 921 985 0 | K 921 985 0 | 43 | K 280 133 0 | K 280 133 0 |
| 22 | K 921 995 0 | K 921 995 0 | | | |
| | | | | | Chain |
| | | | | | Tension sprocket |
| | | | | | Distance bush 21 x 45 x 33 |
| | | | | | Bracket |
| | | | | | Dog clutch (fixed) |
| | | | | | Ball bearing 6206 2 RS |
| | | | | | Circlip J 62 x 2 |
| | | | | | Dog clutch (sliding) |
| | | | | | Allen screw M 12 x 25 |
| | | | | | Pressure spring |
| | | | | | Washer 45 x 59 x 7 |
| | | | | | Tension pin 6 x 60 |
| | | | | | Drive shaft |
| | | | | | Hex. nut NM 10 |
| | | | | | Flanged bearing RA 35 |
| | | | | | Bolt M 10 x 25 |
| | | | | | Sprocket 1 x 14 T. |
| | | | | | Grup screw M 10 x 12 |
| | | | | | Guard retainer |
| | | | | | Guard |

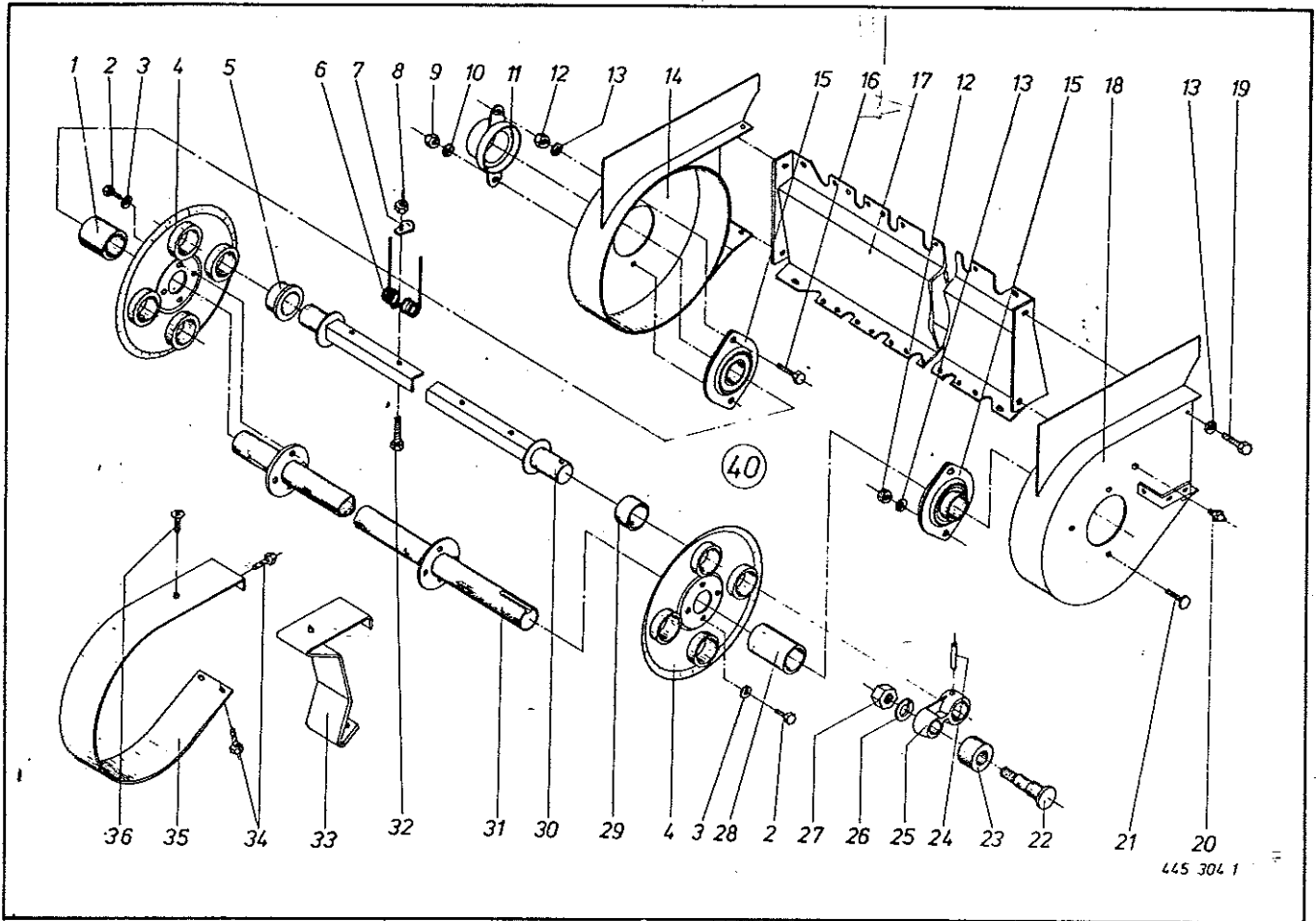


| Illustration Number | Spare Parts No. | Description | Illustration Number | Spare Parts No. | Description |
|---------------------|-----------------|-------------|---------------------|-----------------|----------------------|
| | 1500 | 1800 | | 1500 | 1800 |
| 1 | K 280 143 0 | K 280 143 0 | 14 | K 900 287 0 | K 900 287 0 |
| 2 | K 934 017 0 | K 934 017 0 | 15 | K 280 167 1 | K 280 167 1 |
| 3 | K 275 076 0 | K 280 170 1 | 16 | K 908 721 0 | K 908 721 0 |
| 4 | K 900 632 0 | K 900 632 0 | 17 | K 908 706 0 | K 908 706 0 |
| 5 | K 910 606 0 | K 910 606 0 | 18 | K 280 349 0 | K 280 349 0 |
| 6 | K 922 410 0 | K 921 830 0 | 19 | K 901 045 0 | K 901 045 0 |
| 7 | K 921 994 0 | K 921 994 0 | 20 | K 205 921 0 | K 205 921 0 |
| 8 | K 921 984 0 | K 921 984 0 | 21 | K 949 215 0 | K 949 215 0 |
| 9 | K 901 203 0 | K 901 203 0 | 22 | K 912 777 0 | K 912 777 0 |
| 10 | K 910 016 0 | K 910 016 0 | 23 | K 275 033 0 | K 280 126 1 |
| 11 | K 280 363 0 | K 280 363 0 | 24 | K 915 114 0 | K 915 114 0 |
| 12 | K 910 826 0 | K 910 826 0 | 25 | K 900 279 0 | K 900 279 0 |
| 13 | K 910 648 0 | K 910 648 0 | 26 | K 908 708 0 | K 908 708 0 |
| | | | | | Hex. Screw M 10 x 70 |
| | | | | | Chain Tensioner |
| | | | | | Hex. Nut NM 20 |
| | | | | | Hex. Nut NM 8 |
| | | | | | Chain Guide |
| | | | | | Hex. Screw M 8 x 50 |
| | | | | | Grup Screw M 8 x 8 |
| | | | | | Safety Clutch |
| | | | | | Tension Pin 13 x 55 |
| | | | | | Drive Shaft |
| | | | | | Key A 10 x 8 x 35 |
| | | | | | Hex. Screw M 10 x 25 |
| | | | | | Hex. Nut NM 10 |

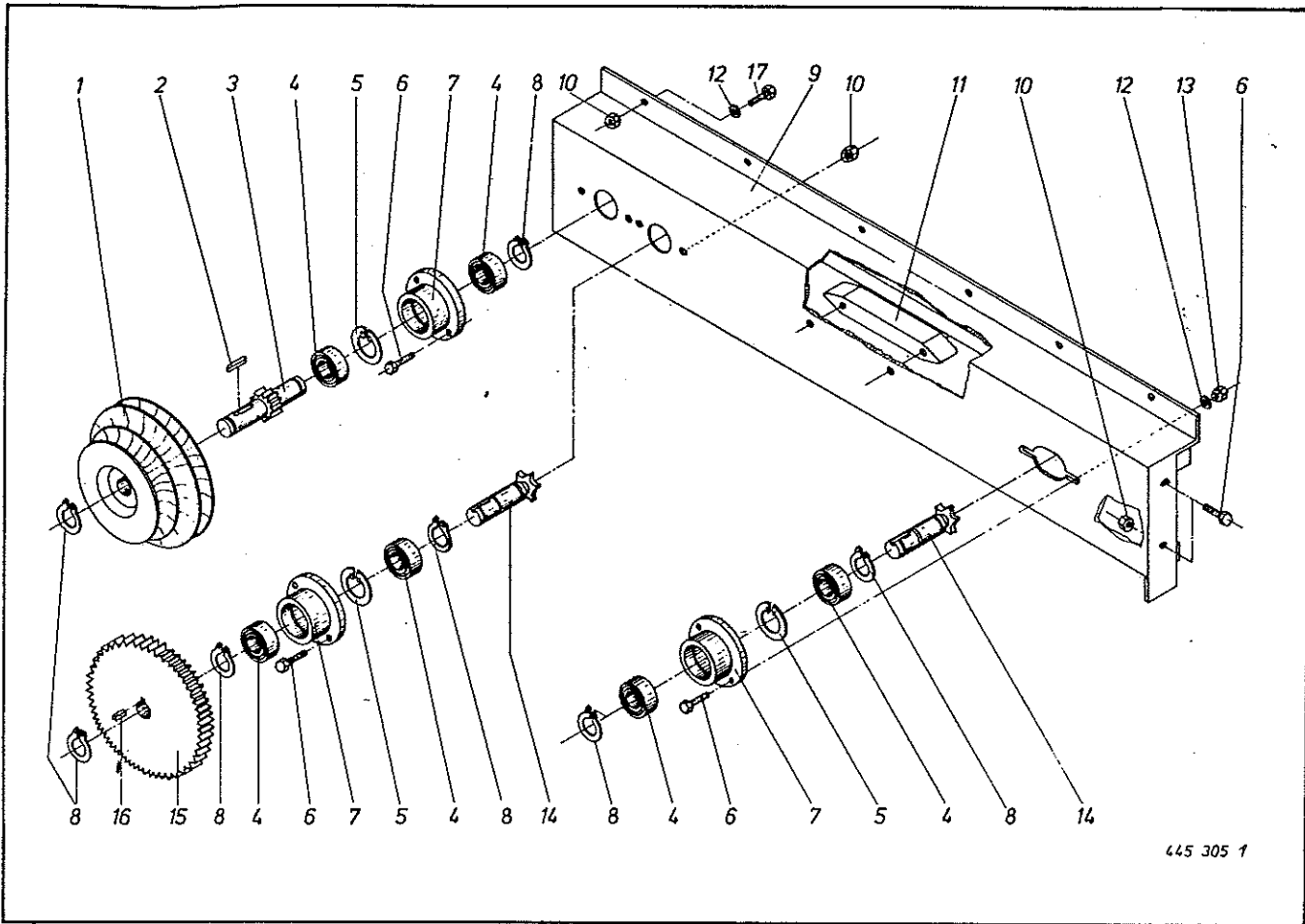


445 303 0

| Illustration Number | Spare Parts No. | | Description | Illustration Number | Spare Parts No. | | Description |
|---------------------|-----------------|-------------|----------------------|---------------------|-----------------|-------------|-----------------------------------|
| | 1500 | 1800 | | | 1500 | 1800 | |
| 1 | K003 041 1 | K003 041 1 | Cable Pulley | 18 | K 910 606 0 | K 910 606 0 | Washer 11 x 36 x 2,5 |
| 2 | K 912 776 0 | K 912 776 0 | Tension pin 13 x 50 | 19 | K 900 632 0 | K 900 632 0 | Hex. screw M 10 x 16 |
| 3 | K 275 023 0 | K 280 276 0 | Guide plate | 20 | K 915 542 0 | K 915 542 0 | Key 10 x 8 x 40 |
| 4 | K 910 505 0 | K 910 505 0 | Washer 11 x 21 x 2 | 21 | K 346 180 0 | K 346 180 0 | Sprocket 3/4 x 19 T |
| 5 | K 900 279 0 | K 900 279 0 | Hex. screw M 10 x 25 | 22 | K 921 824 0 | K 921 824 0 | Chain complete 3/4 x 56 roller |
| 6 | K 280 186 0 | K 280 186 0 | Bolt | 23 | K 921 984 0 | K 921 984 0 | Connecting link 3/4 |
| 7 | K 919 510 0 | K 919 510 0 | Knob | 24 | K 900 277 0 | K 900 277 0 | Hex. screw M 10 x 20 |
| 8 | K 908 015 0 | K 908 015 0 | Hex. nut M 12 | 25 | K 280 390 0 | K 280 390 0 | Support plate |
| 9 | K 900 281 0 | K 900 281 0 | Hex. screw M 10 x 30 | 26 | K 900 285 0 | K 900 285 0 | Hex. screw M 10 x 60 |
| 10 | K 910 011 0 | K 910 011 0 | Spring washer B 10 | 27 | K 280 387 0 | K 280 387 0 | Tine |
| 11 | K 922 916 0 | K 922 916 0 | Cable 6 x 5050 | 28 | K 908 012 0 | K 908 012 0 | Hex. nut M 10 |
| 12 | K 912 771 0 | K 912 771 0 | Tension pin 13 x 30 | 29 | K 275 003 0 | K 280 386 0 | Bar cpl. with tines |
| 13 | K 275 001 1 | K 280 356 0 | Pick up complete | 30 | K 275 074 0 | K 280 278 0 | Guard |
| 14 | K 917 602 0 | K 917 602 0 | Cable clamp 5 | 31 | K 910 315 0 | K 910 315 0 | Washer 13 x 24 x 2,5 |
| 15 | K 917 505 0 | K 917 505 0 | Thimble A 5 | 32 | K 280 269 0 | K 280 269 0 | Distance bolt M 12 x 2,50 |
| 16 | K 908 708 0 | K 908 708 0 | Hex. nut NM 10 | 33 | K 917 011 0 | K 917 011 0 | Split pin 9,5 x 55 |
| 17 | K 275 005 0 | K 280 156 1 | Guard | | | | |

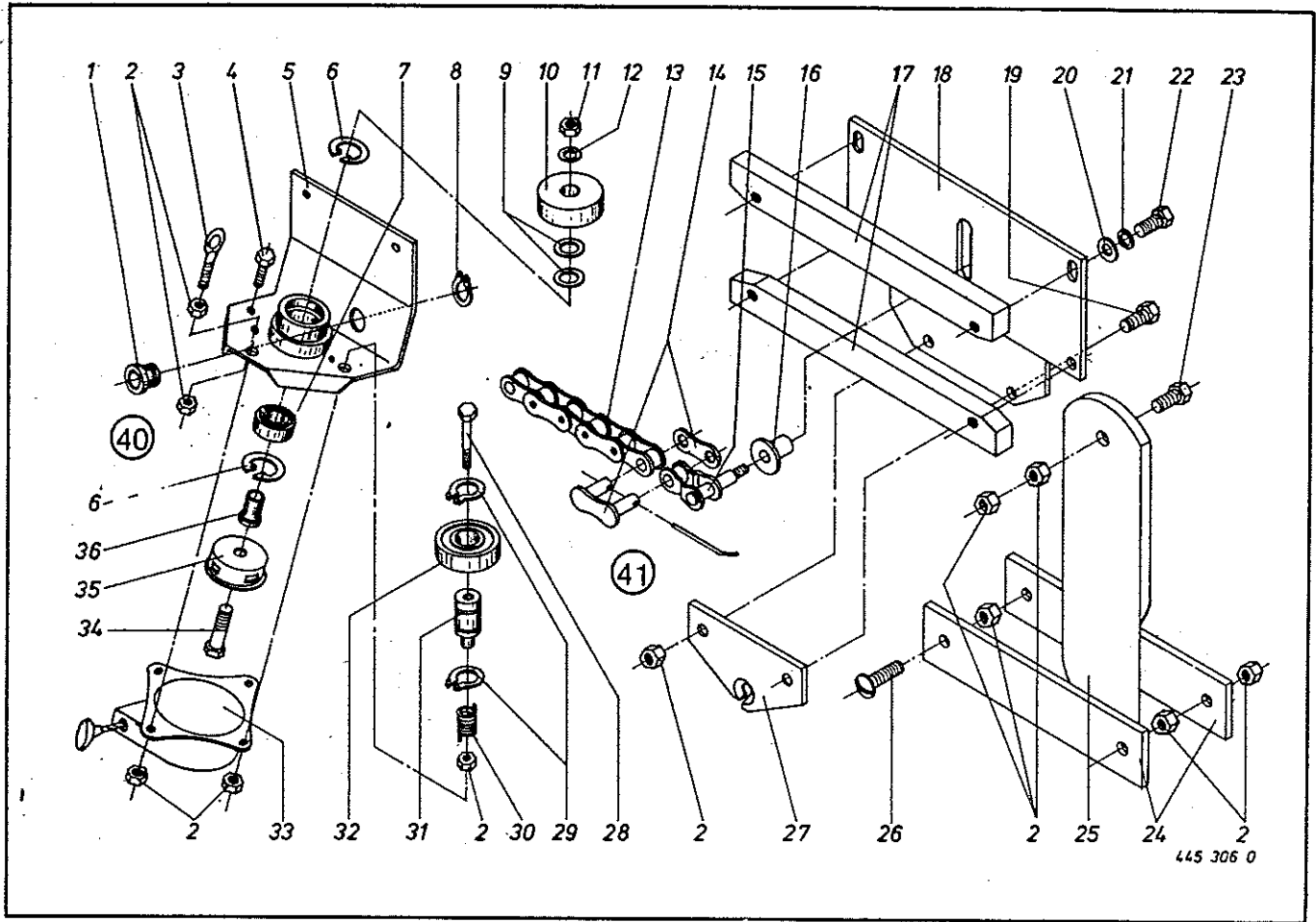


| Illustration Number | Spare Parts No. | Description | Illustration Number | Spare Parts No. | Description |
|---------------------|-----------------|-------------|---------------------|-----------------|-------------|
| | 1500 | 1800 | | 1500 | 1800 |
| 1 | K 937 900 0 | K 937 900 0 | 20 | K 919 003 0 | K 919 003 0 |
| 2 | K 900 720 0 | K 900 720 0 | 21 | K 904 756 0 | K 904 756 0 |
| 3 | K 910 010 0 | K 910 010 0 | 22 | K 937 950 0 | K 937 950 0 |
| 4 | K 937 905 0 | K 937 905 0 | 23 | K 937 952 0 | K 937 952 0 |
| 5 | K 937 910 0 | K 937 910 0 | 24 | K 912 452 0 | K 912 452 0 |
| 6 | K 937 920 0 | K 937 920 0 | 25 | K 937 981 0 | K 937 981 0 |
| | K 937 921 0 | K 937 921 0 | 26 | K 910 013 0 | K 910 013 0 |
| 7 | K 937 925 0 | K 937 925 0 | 27 | K 908 018 0 | K 908 018 0 |
| 8 | K 908 706 0 | K 908 706 0 | 28 | K 937 901 0 | K 937 901 0 |
| 9 | K 908 512 0 | K 908 512 0 | 29 | K 937 911 0 | K 937 911 0 |
| 10 | K 910 505 0 | K 910 505 0 | 30 | K 937 957 0 | K 937 956 0 |
| 11 | K 937 928 0 | K 937 928 0 | 31 | K 937 975 0 | K 937 974 0 |
| 12 | K 908 012 0 | K 908 012 0 | 32 | K 900 259 0 | K 900 259 0 |
| 13 | K 910 011 0 | K 910 011 0 | 33 | K 937 945 0 | K 937 945 0 |
| 14 | K 937 934 0 | K 937 934 0 | 34 | K 906 949 0 | K 906 949 0 |
| 15 | K 934 016 0 | K 934 016 0 | | | |
| 16 | K 900 282 0 | K 900 282 0 | 35 | K 935 963 0 | K 935 963 0 |
| 17 | K 937 943 0 | K 937 942 0 | 36 | K 906 845 0 | K 906 845 0 |
| 18 | K 937 935 0 | K 937 935 0 | | | |
| 19 | K 900 281 0 | K 900 281 0 | 40 | K 275 001 1 | K 280 356 0 |
| | | | | | |

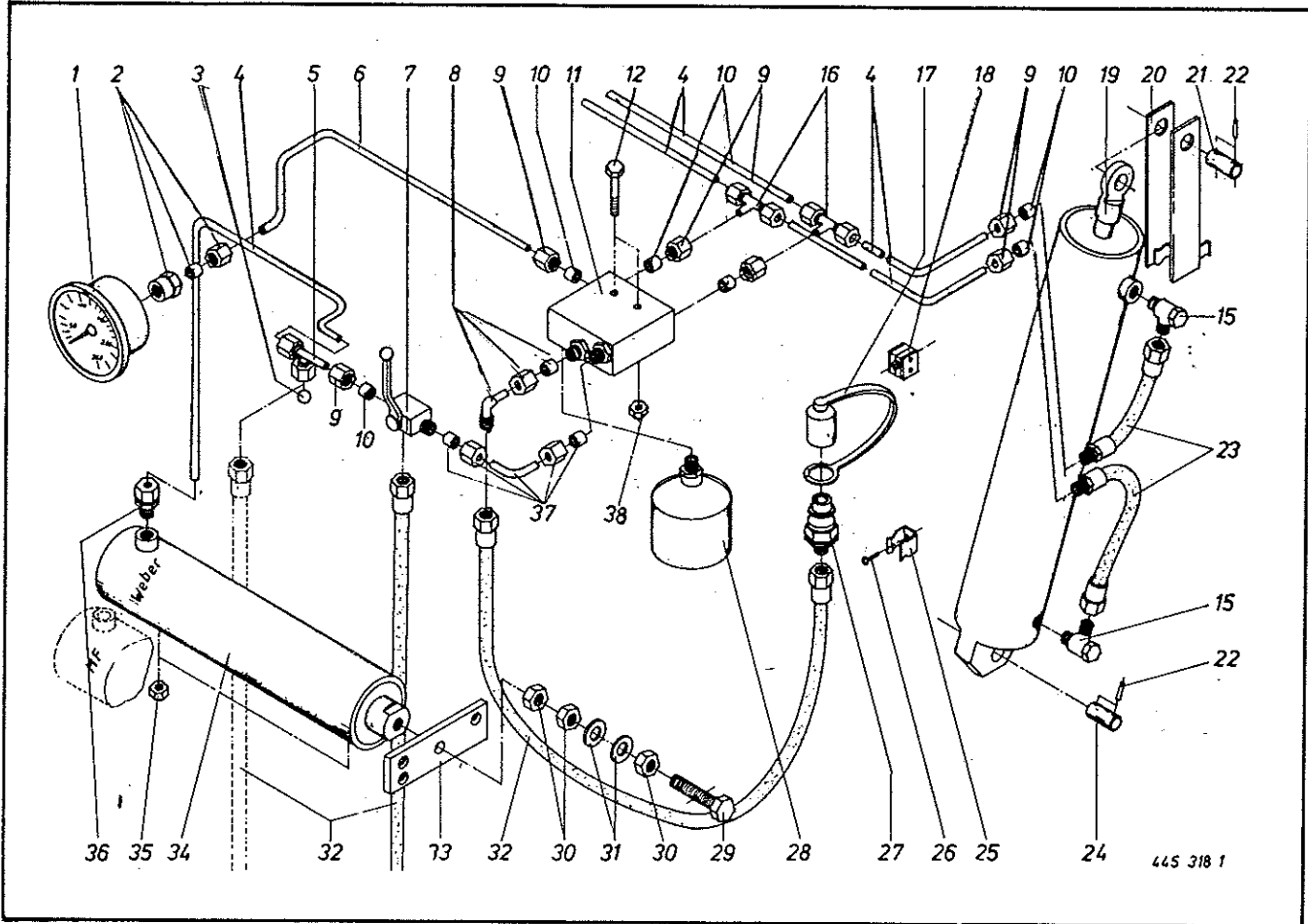


445 305 1

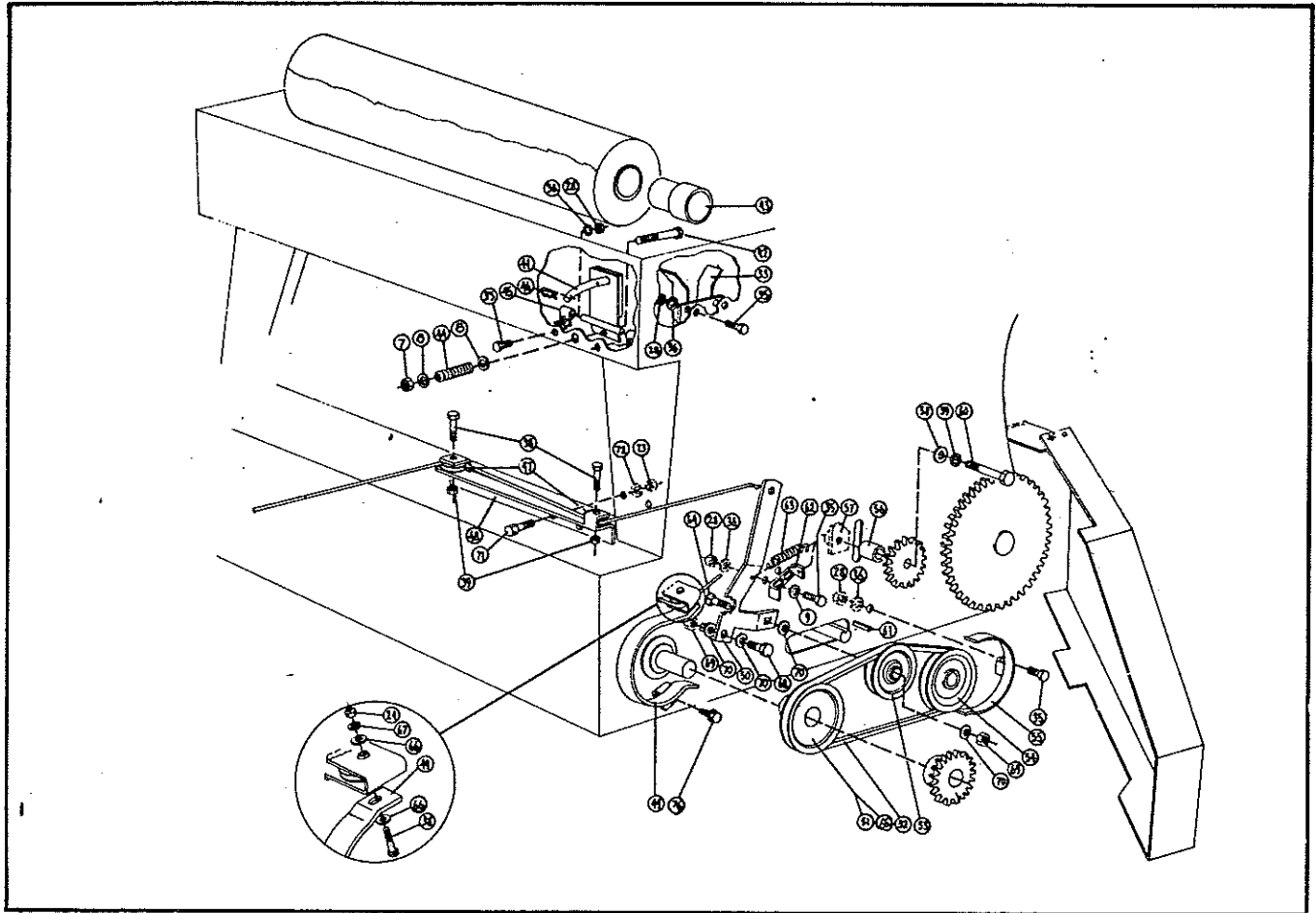
| Illustration Number | Spare Parts No. | | Description | Illustration Number | Spare Parts No. | | Description |
|---------------------|-----------------|-------------|------------------------|---------------------|-----------------|-------------|--------------------|
| | 1500 | 1800 | | | 1500 | 1800 | |
| 1 | K 280 057 0 | K 280 057 0 | Drive roller | 10 | K 908 706 0 | K 908 706 0 | Hex. nut NM 8 |
| 2 | K 915 047 0 | K 915 047 0 | Key A 6 x 6 x 28 | 11 | K 280 051 0 | K 280 051 0 | Chain guide |
| 3 | K 280 055 0 | K 280 055 0 | Gear shaft/pinion | 12 | K 910 504 0 | K 910 504 0 | Washer 9 x 17 x 16 |
| 4 | K 930 504 0 | K 930 504 0 | Ball bearing 6004-2 RS | 13 | K 908 010 0 | K 908 010 0 | Hex. nut M 8 |
| 5 | K 911 642 0 | K 911 642 0 | Circlip J 42 x 1,75 | 14 | K 280 054 0 | K 280 045 0 | Sprocket and shaft |
| 6 | K 900 257 0 | K 900 257 0 | Hex. screw M 8 x 20 | 15 | K 280 056 0 | K 280 056 0 | Gear |
| 7 | K 280 052 0 | K 280 052 0 | Housing | 16 | K 915 043 0 | K 915 043 0 | Key A 6 x 6 x 14 |
| 8 | K 911 522 0 | K 911 522 0 | Circlip A 20 x 1,2 | 17 | K 900 254 0 | K 900 254 0 | Hex. bolt M 8 x 16 |
| 9 | K 275 052 0 | K 280 042 0 | Housing | | | | |



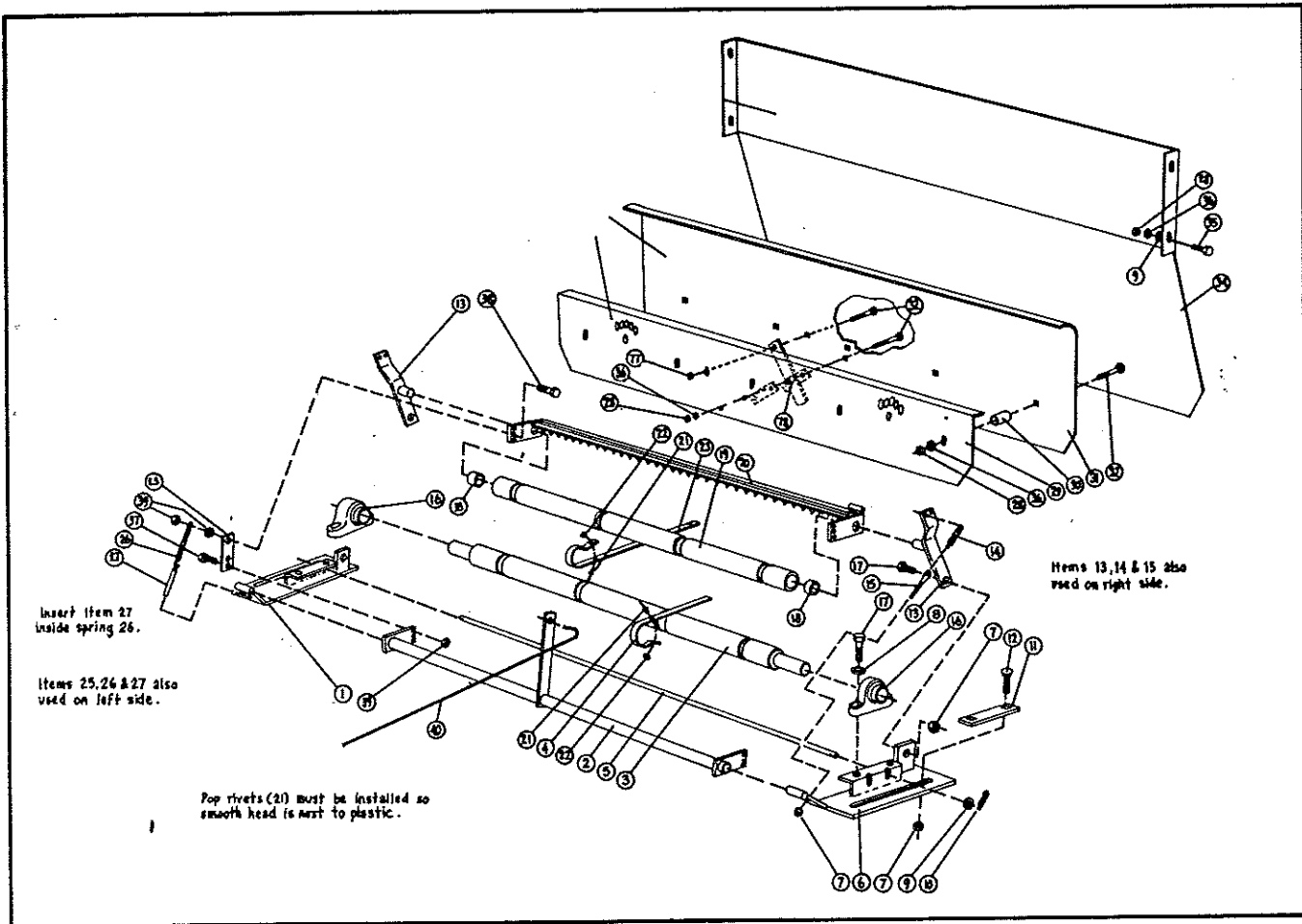
| Illustration Number | Spare Parts No. | | Description | Illustration Number | Spare Parts No. | | Description |
|---------------------|-----------------|-------------|-------------------------|---------------------|-----------------|-------------|----------------------------|
| | 1500 | 1800 | | | 1500 | 1800 | |
| 1 | K 342 016 0 | K 342 016 0 | Cable guide | 21 | K 910 008 0 | K 910 008 0 | Spring washer B 6 |
| 2 | K 908 706 0 | K 908 706 0 | Hex. nut NM 8 | 22 | K 900 239 0 | K 900 239 0 | Hex. screw M 16 x 25 |
| 3 | K 280 400 0 | K 280 400 0 | Eye bolt | 23 | K 900 261 0 | K 900 261 0 | Hex. screw M 8 x 30 |
| 4 | K 900 254 0 | K 900 254 0 | Hex. screw M 8 x 16 | 24 | K 280 234 1 | K 280 234 1 | Knife mounting |
| 5 | K 280 401 0 | K 280 401 0 | Mounting bracket | 25 | K 280 221 2 | K 280 221 2 | Knife |
| 6 | K 911 640 0 | K 911 640 0 | Circlip J 40 x 1,75 | 26 | K 905 232 0 | K 905 232 0 | Plain round screw M 8 x 25 |
| 7 | K 930 533 0 | K 930 533 0 | Ball bearing 6203 2 RS | 27 | K 280 321 0 | K 280 321 0 | Twine guide |
| 8 | K 911 552 0 | K 911 552 0 | Circlip A 20 x 1,2 | 28 | K 901 049 0 | K 901 049 0 | Hex. screw M 8 x 70 |
| 9 | K 910 317 0 | K 910 317 0 | Washer 17 x 30 RS | 29 | K 911 541 0 | K 911 541 0 | Circlip A 35 x 1,5 |
| 10 | K 280 324 0 | K 280 324 0 | Starter roller | 30 | K 280 352 0 | K 280 352 0 | Spring |
| 11 | K 908 708 0 | K 908 708 0 | Nut NM 10 | 31 | K 280 328 2 | K 280 328 2 | Eccentric bolt |
| 12 | K 910 314 0 | K 910 314 0 | Washer 10,5 x 21 x 2 | 32 | K 930 537 0 | K 930 537 0 | Bearing 6207 2 RS |
| 13 | K 960 000 0 | K 921 909 0 | Chain 5/8" | 33 | K 924 702 0 | K 924 702 0 | Starter |
| 14 | K 921 983 0 | K 921 983 0 | Connecting link 5/8" | 34 | K 901 063 0 | K 901 063 0 | Hex. screw M 10 x 55 |
| 15 | K 921 999 0 | K 921 999 0 | Cranked link 5/8" | 35 | K 924 703 0 | K 924 703 0 | Cover |
| 16 | K 280 098 0 | K 280 098 0 | Bush | 36 | K 280 325 0 | K 280 325 0 | Bush |
| 17 | K 280 103 0 | K 280 103 0 | Guide block | 40 | K 280 354 0 | K 280 354 0 | Starter complete |
| 18 | K 275 054 0 | K 280 320 0 | Trunnion | 41 | K 275 085 0 | K 280 041 1 | Twine mechanism complete |
| 19 | K 905 232 0 | K 905 232 0 | Hex. screw M 8 x 5 | | | | (Page 14 and 15) |
| 20 | K 910 311 0 | K 910 311 0 | Washer 6,4 x 12,5 x 1,6 | | | | |



| Illustration Number | Spare Parts No. | | Description | Illustration Number | Spare Parts No. | | Description |
|---------------------|-----------------|------------|----------------------|---------------------|-----------------|------------|-------------------------|
| | 1500 | 1800 | | | 1500 | 1800 | |
| 1 | K921 114 0 | K921 114 0 | Gauge | 20 | K280 426 0 | K280 426 0 | Cylinder Bracket |
| 2 | K921 127 0 | K921 127 0 | Connector | 21 | K280 208 0 | K280 208 0 | Bolt |
| 3 | K935 533 0 | K935 533 0 | Ball Bearing, 1/2" | 22 | K912 613 0 | K912 613 0 | Tension Pin, 5 x 30 |
| 4 | K441 283 0 | K441 283 0 | Hyd. Tube - 1920 LG | 23 | K921 001 0 | K921 001 0 | Hydraulic Hose, 600 LG |
| 5 | K921 079 0 | K921 079 0 | L-Piece, 3 Way Valve | 24 | K280 161 0 | K280 161 0 | Bolt (lower) |
| 6 | K441 262 0 | K441 262 0 | Hyd. Tube, 1100 LG | 25 | K168 112 1 | K168 112 1 | Hose Clamp |
| 7 | K921 111 0 | K921 111 0 | 3 Way Valve | 26 | K913 746 0 | K913 746 0 | Rivet, 4 x 10 |
| 8 | K921 076 0 | K921 076 0 | Elbow | 27 | K921 145 0 | K921 145 0 | Coupling Plug |
| 9 | K921 042 0 | K921 042 0 | Retaining Nut | 28 | K921 125 0 | K921 125 0 | Damper |
| 10 | K921 046 0 | K921 046 0 | Diive | 29 | K280 185 0 | K280 185 0 | Hex Screw |
| 11 | K921 099 1 | K921 099 1 | Distributor Block | 30 | K908 520 0 | K908 520 0 | Hex Nut, BM 16 |
| 12 | K901 051 0 | K901 051 0 | Hex Screw, M 8 x 80 | 31 | K910 511 0 | K910 511 0 | Washer, 11 x 21 x 2 |
| 15 | K921 091 0 | K921 091 0 | Union | 32 | K921 020 0 | K921 020 0 | Hydraulic Hose, 3000 LG |
| 16 | K921 078 0 | K921 078 0 | T-Piece | 33 | K280 183 0 | K280 183 0 | Cable Plate |
| 17 | K921 171 0 | K921 171 0 | Dust Sleeve | 34 | K921 329 0 | K921 329 0 | Hydraulic Cylinder |
| 18 | K924 112 0 | K924 112 0 | Pipe Clamp | | K921 495 0 | K921 495 0 | Seal Set, Weber |
| 19 | K921 370 0 | K921 363 0 | Hydraulic Cylinder | | K921 443 0 | K921 443 0 | Seal Set, MF |
| | K921 494 0 | K921 494 0 | Seal Sets | 35 | K908 716 0 | K908 716 0 | Hex Nut, NM 16 |
| | | | | 36 | K921 056 0 | K921 056 0 | Union |
| | | | | 37 | K280 403 0 | K280 403 0 | Steel Pipe |
| | | | | 38 | K908 706 0 | K908 706 0 | Hex Nut, NM 8 |

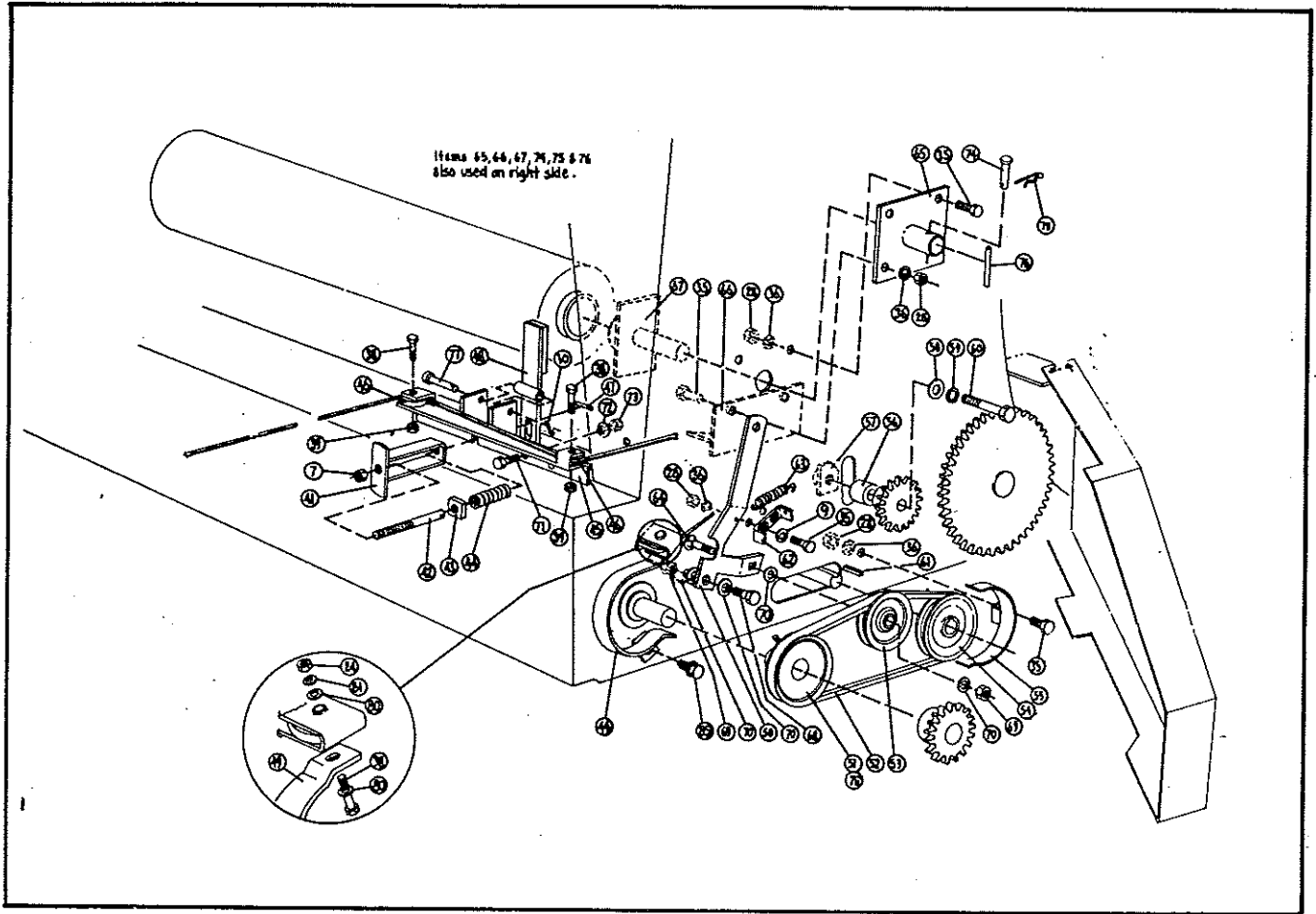


| Illustration Number | Spare Parts No. | Description | Illustration Number | Spare Parts No. | Description |
|---------------------|-----------------|-------------------------------|---------------------|-----------------|-------------------------------------|
| 7 | 32943C | Elastic Stop Nut, 3/8-16 | 53 | 1426302 | Idler - Belt Tightener |
| 8 | 38003C | Flatwasher, 3/8", Plated | 54 | 1426300 | Driven Pulley |
| 9 | 38002C | Flatwasher, 5/16", Plated | 55 | 1420217 | Rear Belt Retainer |
| 24 | 33001C | Hex Nut, 1/4-20 | 56 | 1424853 | Idler Sprocket Spacer |
| 28 | 33002C | Hex Nut, 5/16-18 | 57 | 1420218 | Idler Nut |
| 33 | 1420222 | Roll Saddle | 58 | 38008C | Flatwasher, 3/4" |
| 35 | 31105C | Capscrew, 5/16-18 x 1" | 59 | 35009C | Lockwasher, 3/4" |
| 36 | 35002C | Lockwasher, 5/16" | 60 | 317013C | Hex Capscrew, 3/4-10 x 4 1/2" |
| 38 | 31006C | Hex Capscrew, 1/4-20 x 1 1/4" | 61 | 40621 | Key, 1/4 x 1/4 x 1" |
| 39 | 32901C | Hex Locknut, 1/4-20 | 62 | 1421100 | Tightener Arm Limiter |
| 41 | 1420101 | Tension Assembly | 63 | 1427421 | Lever Return Spring |
| 42 | 312017H5C | Hexhead Capscrew, 3/8 x 4" | 64 | 37055C | Carriage Bolt, 1/2 x 2" |
| 43 | 1428602 | Roll Pilot | 65 | 3919A3C | Allenpoint Setscrew, 5/16-18 x 3/8" |
| 44 | 1427423 | Plastic Tension Spring | 66 | 38001C | Flatwasher, 1/4" |
| 45 | 1420224 | Tension Bracket | 67 | 35001C | Lockwasher, 1/4" |
| 46 | 49207 | Hairpin Cotter, .120 x 2 1/2" | 68 | 31406C | Capscrew, 1/2 x 1 1/4" |
| 47 | HC3030 | Follow Up Arm Roller | 69 | 32905C | Hex Locknut, 1/2-13 |
| 48 | 1420223 | Rope Guide | 70 | 38005C | Flatwasher, 1/2" |
| 49 | 1420215 | Front Retainer | 71 | 31205C | Hex Capscrew, 3/8 x 1" |
| 50 | 1420200 | Belt Tightener Arm | 72 | 35003C | Lockwasher, 3/8" |
| 51 | 1420216 | Drive Sheave | 73 | 33003C | Hex Nut, 3/8-16 |
| 52 | 1426100 | Drive Belt | 76 | 6D9001 | Sheetmetal Screw, 5/16" x 3/4" |



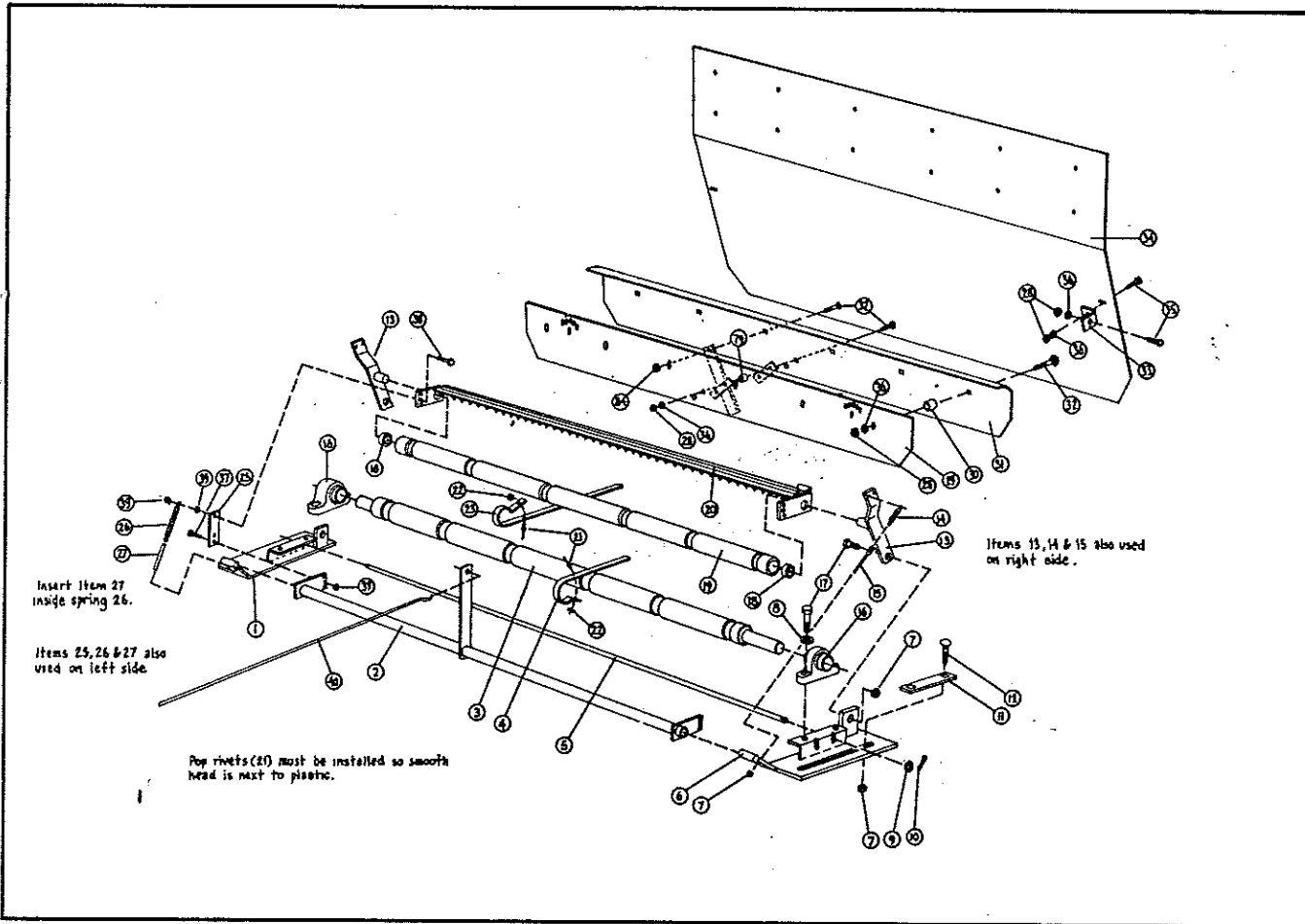
| Illustration Number | Spare Parts No. | Description | Illustration Number | Spare Parts No. | Description |
|---------------------|-----------------|---------------------------------|---------------------|-----------------|-----------------------------------|
| 1 | 1420204 | Roller Base, Right | 21 | 1428401 | Pop Rivet, 1/8 x .453 |
| 2 | 1420221 | Cutter Lever | 22 | 38047C | SAE Washer, 5/32 I.D. x 3/8" O.D. |
| 3 | 1420219 | Drive Roller | 23 | 1426776 | Plastic Stripper - Idler Roller |
| 4 | 1426775 | Plastic Stripper - Drive Roller | 25 | 1421151 | Cutter Connecting Link |
| 5 | 1421559 | Stripper Stop | 26 | 1427422 | Tensioner Spring |
| 6 | 1420203 | Roller Base, Left | 27 | 1421557 | Spring Limiter |
| 7 | 32943C | Elastic Stop Nut, 3/8-16 | 28 | 33002C | Hex Nut, 5/16-18 |
| 8 | 38003C | Flatwasher, 3/8", Plated | 29 | 1422303 | Chain Cover |
| 9 | 38002C | Flatwasher, 5/16", Plated | 30 | 1424855 | Divider Spacer |
| 10 | 49002 | Cotter Pin, 1/16" x 3/4" | 31 | 1422304 | Plastic Guide Panel |
| 11 | 1421108 | Slide Strap | 32 | 37023C | Carriage Bolt, 5/16 x 1 1/4" |
| 12 | 37033C | Carriage Bolt, 3/8 x 1 1/4" | 34 | 1422305 | Divider Panel |
| 13 | 1420201 | Roller Arm | 35 | 31105C | Capscrew, 5/16-18 x 1" |
| 14 | TG5131 | Governor Spring | 36 | 35002C | Lockwasher, 5/16" |
| 15 | 1422501 | Pressure Adjustment Screw | 37 | 31002C | Hex Capscrew, 1/4-20 x 5/8" |
| 16 | 1426000 | Pillow Block Bearing, 1" | 38 | 31006C | Hex Capscrew, 1/4-20 x 1 1/4" |
| 17 | 31206H5C | Hex Capscrew, 3/8-16 x 1 1/4" | 39 | 32901C | Hex Locknut, 1/4-20 |
| 18 | 11D5009 | Bearing, 3/4" | 40 | 1428601 | Nylon Rope, 1/4 x 120" |
| 19 | 1424001 | Idler Roller | 77 | 32902C | Locknut, 5/16" |
| 20 | 1420220 | Cutter | 78 | 1424650 | Knife Spacer |

Model 1800 Plastic wrap drive



| Illustration Number | Spare Parts No. | Description | Illustration Number | Spare Parts No. | Description |
|---------------------|-----------------|-------------------------------|---------------------|-----------------|-------------------------------------|
| 7 | 32943C | Elastic Stop Nut, 3/8-16 | 57 | 1420218 | Idler Nut |
| 9 | 38002C | Flatwasher, 5/16", Plated | 58 | 38008C | Flatwasher, 3/4" |
| 10 | 49002 | Cotter Pin, 1/16" x 3/4" | 59 | 35009C | Lockwasher, 3/4" |
| 24 | 33001C | Hex Nut, 1/4" | 60 | 317013C | Hex Capscrew, 3/4-10 x 4 1/2" |
| 28 | 33002C | Hex Nut, 5/16-18 | 61 | 40621 | Key, 1/4 x 1/4 x 1" |
| 35 | 31105C | Capscrew, 5/16 x 1" | 62 | 1421100 | Tightener Arm Limiter |
| 36 | 35002C | Lockwasher, 5/16" | 63 | 1427421 | Lever Return Spring |
| 38 | 31006C | Hex Capscrew, 1/4-20 x 1 1/4" | 64 | 37055C | Carriage Bolt, 1/2 x 2" |
| 39 | 32901C | Hex Locknut, 1/4-20 | 65 | 1420208 | Roll Support Bushing Weldment |
| 41 | 1420214 | Tension Adjustment Weldment | 66 | 1420209 | Roll Saddle |
| 42 | 1422505 | Tensioner Screw | 67 | 1420210 | Roll Pilot |
| 43 | 1421275 | Tensioner Nut | 68 | 31406C | Capscrew, 1/2 x 1 1/4" |
| 44 | 1427420 | Plastic Tension Spring | 69 | 32905C | Hex Locknut, 1/2-13 |
| 45 | 1420212 | Tension Bracket | 70 | 38005C | Flatwasher, 1/2" |
| 46 | HC3030 | Follow Up Arm Roller | 71 | 31205C | Capscrew, 3/8 x 1" |
| 47 | 420512 | Roll Pin, 5/32 x 1 1/4" | 72 | 35003C | Lockwasher, 3/8" |
| 48 | 1420100 | Tension Arm Assembly | 73 | 33003C | Hex Nut, 3/8-16 |
| 49 | 1420215 | Front Retainer | 74 | 419112 | Clevis Pin, 1/4 x 2" |
| 50 | 1420200 | Belt Tightener Arm | 75 | 49205 | Hair Pin Cotter, .042 x 1 5/16" |
| 51 | 1420216 | Drive Sheave | 76 | 420921 | Roll Pin, 5/16 x 4" |
| 52 | 1426100 | Drive Belt | 77 | 419314 | Clevis Pin, 3/8 x 2 1/4" |
| 53 | 1426302 | Idler - Belt Tightener | 78 | 3919A3C | Allenpoint Setscrew, 5/16-18 x 3/8" |
| 54 | 1426300 | Driven Pulley | 80 | 38001C | Flatwasher, 1/4" |
| 55 | 1420217 | Rear Belt Retainer | 81 | 35001C | Lockwasher, 1/4" |
| 56 | 1424853 | Idler Sprocket Spacer | 85 | 6D9001 | Sheetmetal Screw, 5/16 x 3/4" |

Model 1800 Plastic wrap feeding system



| Illustration Number | Spare Parts No. | Description | Illustration Number | Spare Parts No. | Description |
|---------------------|-----------------|---------------------------------|---------------------|-----------------|-----------------------------------|
| 1 | 1420204 | Roller Base, Right | 22 | 38047C | SAE Washer, 5/32 I.D. x 3/8" O.D. |
| 2 | 1420207 | Cutter Lever | 23 | 1426776 | Plastic Stripper - Idler Roller |
| 3 | 1420202 | Drive Roller Core | 25 | 1421151 | Cutter Connecting Link |
| 4 | 1426775 | Plastic Stripper - Drive Roller | 26 | 1427422 | Tensioner Spring |
| 5 | 1421558 | Stripper Stop | 27 | 1421557 | Spring Limiter |
| 6 | 1420203 | Roller Base, Left | 28 | 33002C | Hex Nut, 5/16-18 |
| 7 | 32943C | Elastic Stop Nut, 3/8-16 | 29 | 1422302 | Chain Cover |
| 8 | 38003C | Flatwasher, 3/8", Plated | 30 | 1424855 | Divider Spacer |
| 9 | 38002C | Flatwasher, 5/16", Plated | 31 | 1422301 | Plastic Guide Panel |
| 10 | 49002 | Cotter Pin, 1/16" x 3/4" | 32 | 37023C | Carriage Bolt, 5/16 x 1 1/4" |
| 11 | 1421108 | Slide Strap | 33 | 1422030 | Divider Mounting Angle |
| 12 | 37033C | Carriage Bolt, 3/8 x 1 1/4" | 34 | 1422300 | Divider Panel |
| 13 | 1420201 | Roller Arm | 35 | 31105C | Capscrew, 5/16 x 1" |
| 14 | TG5131 | Governor Spring | 36 | 35002C | Lockwasher, 5/16" |
| 15 | 1422501 | Pressure Adjustment Screw | 37 | 31002C | Hex Capscrew, 1/4-20 x 5/8" |
| 16 | 1426000 | Pillow Block Bearing, 1" | 38 | 31006C | Hex Capscrew, 1/4-20 x 1 1/4" |
| 17 | 31206H5C | Hex Capscrew, 3/8-16 x 1 1/4" | 39 | 32901C | Hex Locknut, 1/4-20 |
| 18 | 11D5009 | Bearing, 3/4" | 40 | 1428601 | Nylon Rope, 1/4 x 120" |
| 19 | 1424000 | Idler Roller | 79 | 1424650 | Knife Spacer |
| 20 | 1420206 | Cutter | 84 | 32902C | Locknut, 5/16" |
| 21 | 1428401 | Pop Rivet, 1/8 x .453 | | | |



MEMBER

FARM EQUIPMENT MANUFACTURERS
ASSOCIATION

AS A MEMBER OF FEMA, M & W GEAR COMPANY ABIDES BY THE FARM EQUIPMENT MANUFACTURERS ASSOCIATION BY-LAWS AND ITS CODE OF BUSINESS ETHICS. IN ADDITION, M & W GEAR STRIVES TO:

1. INCLUDE OPERATING INSTRUCTIONS MANUAL FOR THE MACHINERY WE MANUFACTURE.
2. MAINTAIN DISTRIBUTION THROUGH SERVICING BONA FIDE AGRICULTURE RETAILERS.
3. PROVIDE REPAIR PARTS PROMPTLY AND AT FAIR PRICES.

THE FEMA SEAL AFFIXED TO A PRODUCT OF M & W IS YOUR ASSURANCE THAT IT MEETS THE STANDARDS OF THE FARM EQUIPMENT MANUFACTURERS ASSOCIATION.