# FAZA S.r.l 

## Macchine agricole

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WHEEL RAKE/ V RAKE MODELS<br>RP/2 RP/4 RP/5-C RP/6 RP/8 RP/10<br>(DISASSEMBLING FRAME MODELS) RPA/5 C RPA/6

## INSTRUCTION MANUAL AND PARTS LIST



## WARRANTY

The Manufacturer warrants each new 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 (12) consecutive months from the date of delivery of the products 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 the producer.

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 marking it impossible to consider any guarantee against wear and tear.

The manufacturer in no way warrants engines, electric motors, batteries, tires or other components supplied by manufacturers that are warranted separately by suppliers.

Our obligation under this Warranty is limited to repairing or replacing free of charge to the original pur-chaser-user any part that in our judgements shows evidence of defect or improper workmanship, provided the parts is returned to the manufacturer to within thirty (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 the manufacturer 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 expence or loss for labor, supplies, rental machinery of for any other reason.

The are not 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 the manufacturer will not affect our ability to obtain materials or manufacture necessary replacement parts.

The manufacturer reserves the right to make design changes, improve design or change specifications at any time, without any contingent obligation to purchaser of machines and parts previously sold.

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

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3 - POINT WHEEL RAKE SPECIFICATIONS

| Model | $\begin{aligned} & \mathrm{RP} / 4 \mathrm{RH} \\ & \mathrm{RP} / 4 \mathrm{LH} \end{aligned}$ | $\begin{aligned} & \mathrm{RP} / 5 \mathrm{C} \text { RH } \\ & \mathrm{RP} / 5 \mathrm{C} \text { LH } \end{aligned}$ | $\begin{aligned} & \mathrm{RP} / 6 \mathrm{RH} \\ & \mathrm{RP} / 6 \mathrm{LH} \end{aligned}$ | RP/8 | RP/10 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Approximate Weight (Lbs.) | 400 | 495 | 590 | 1,150 | 1,325 |
| Number of Wheels | 4 | 5 | 6 | 8 | 10 |
| Number of Teeth per Wheel |  |  | 40 |  |  |
| Wheel Diameter |  |  | 55" |  |  |
| Tooth Diameter |  |  | 7 mm |  |  |
| Raking Working Width | $8^{\prime} 6^{\prime \prime}$ | $11^{\prime \prime} 2^{\prime \prime}$ | $13^{\prime} 6^{\prime \prime}$ | $18^{\prime}$ | $22^{\prime}$ |
| Turning and Spreading Working Width | $9^{\prime} 6^{\prime \prime}$ | $12^{\prime} 10^{\prime \prime}$ | $14^{\prime \prime} 5^{\prime \prime}$ |  |  |
| Transport Width | 7'3" |  | $6^{\prime \prime}$ | $11^{\prime} 10^{\prime \prime}$ | $15^{\prime \prime} 5^{\prime \prime}$ |
| Operating Speed | Up to 14 MPH |  |  |  |  |
| Minimum Power Required | 30 HP |  |  | 40 HP |  |

## SAFETY INSTRUCTIONS

When ordering parts, please specify the part number and the name of the part as shown in the parts section. Please give the serial number of the machine in all correspondence. Record the serial number and purchase date here for future reference.

Serial No

Model
Purchase Date
Read through this manual completely, watching especially for safety symbols which alert you to possible hazards in assembly and operation. The word "NOTE" will alert you to special information such as specification, techniques, reference information and other supplementary information. The word "IMPORTANT" is used to point out a note which is of an immediate and urgent nature.


Safety Symbol

It is the user's responsability to read the operator's manual and comply with all instructions pertaining to operation and maintenance. It is also the user's responsability to inspect the machine at regular intervals and repair or replace worn or damaged parts when continued use would cause damage or excessive wear to other parts. Delivery of the machine to the manufacturer's dealer for repairs under the warranty is also the user's responsability.

Alway drive the tractors at safe speeds, especially over rough ground and sloping ground and when making a turn.

Never attempt to clean, adjust or lubricate the machine while the machine is in motion.

REMEMBER: A CAREFUL OPERATOR IS THE BEST INSURANCE AGAINST AN ACCIDENT.


CAUTION: ALWAYS FOLLOW
ALL STATE, FEDERAL AND LOCAL LAWS WHEN TRASPORTING. MAKE SURE SMV SYMBOL AND LIGHTS ARE IN PLACE BEFORE TRANSPORTING WHERE REQUIRED DO NOT EXCEED 15 MPH DURING TRANPORTING.


CAUTION: This machine should never be operated by anyone who is not familiar with the product and has note read the instruction manual. Do not operate the rake where people or animals are in the immediate area.

When changing the configuration of the rake, make sure everyone is clear of the folding and hinged parts and avoid pinch points which can cause serious injury.

IMPORTANT: When this machine is traded or sold, make sure this manual accompanies the machine so future operators will have complete operating instructions and safety warnings available to them.

NOTE: All reference number used in the assembly instructions correspond to the item numbers used in the parts breakdown section of this manual. When left or right-hand position are mentioned, they refer to the position as viewed from the rear of the machine while facing the tractor.

## ASSEMBLY

Your Rake may come unassembled or partially assembled. Complete the assembly as required using the following instructions.

1. Install the Sector Support (8) on the 3-Point Base (1). Insert the 3-Point Cap (17) and secure in place with a capscrew and locknut through the cap and base. Lock the support plate in position on the 3 -pont base with a 3 -Pont Pin (10) secured with a Hairpin Cotter (9). See illustration 1.

2. Install the Stand (3) on the 3-pont linkage and secure with a spring clip. See Illustration 2.
3. With the assembly laying on the ground so the sector plate's lower socker is facing up, insert the Floating Arm (26) into the socket and secure with a Sector Support Pin (15), two Flatwashers (32) and two Cotter Pins (14). Lock the floating arm in position by installing the Lock Plate (27) on the botton of the arm and secure with a Hairpin Cotter (4). See Illustration 2.

4. Install the two Extension Springs (21) in the plate near the top of the sector support and then connect the other ends of the springs to the Lower Spring Mount (23). Secure the lower spring mount to the floating arm using a capscrew and nut. Use the center hole for the time being. After final assembly, move the lower mount necessary to allow the rake to "float" in operation. See Illustration 2.
5. Insert the Main Frame (33) into the Floating Arm (26). Lock the arm in place by installing the Lever Plate (16) on the floating arm and secure with a pin and retaining rings. Insert a Snapper Safety Pin (19) to lock the stop plate and secure with a hairpin cotter. See Illustration 3.
6. Install the Wheel Arms (34) in the main frame and secure the Lever Plates (16) with a pin and retaining rings and a snapper safety pin. See Illustration 4. On RP-5C RH and RP-5C LH models, install a single Wheel Arm (49) in the main arm and secure with capscrews, lockwashers and nuts (See Illustration 6).


CAUTION: Make sure the machine is supported as the main frame and wheel arms are installed to prevent the machine from falling.


Illustration 3
7. Using on overhead hoist of fork lift, carefully tip the assembly over and support the assembly in the approximate position it will be in when installed on the tractor and high enough off the ground to install the wheels. Install the wheels on the hubs using the capscrews, lockwashers and nuts. The position of the teeth is determined by the direction of operation (See Illustration 5 Below).


Left Rake


Right Rake

Rake wheels as viewed from the rear

Illustration 5

When assembled, the rakes should be configured as shown in Illustration 6 below.

RP 4LH TOP VIEW RP 4RH


Illustration 4
Illustration 6


Illustration 6 (Continued)

## CONNECTING THE RAKE TO THE TRACTOR

With the rake supported by the wheel teeth and the stand, back the tractor to the rake and connect the tractor to the 3-pont linkage. After connecting to the tractor, raise the machine and remove the stand from the 3pont linkage.

Raise the rake using the tractor hydraulics until the teeth are off of the ground. Slide the Lock Plate (27) to the rear "B" to allow the rake to "float" during operation (See Illustration 7). This will allow the rake to adapt to irregular ground and reduce wheel damage.

IMPORTANT: The lock plate must be in the forward position " A " whenever the rake is being transported or not in operation.


## OPERATION

The 3-Point Pin (10) is used to adjust the operating position of the rake. Position "A" (See Illustration 8) is used for raking position to the right. Position " $B$ " is used for raking to the left.

Illustration 8


By using adjustment holes 1 through 6 in the right or left position minor adjustments can be made when raking, spreading and turning the crop. When transporting the rake, the stop pin must be installed in position 7 (See Illustration 9).


Illustration 9

## WORKING POSITIONS

Pull the pin in the sector support and turn the main frame to the right and rotate the arms so the wheels are positioned as shown below (See Illustration 10). During operation, the wide slots in the frame and
arm flanges allow the arms to oscillate slightly to prevent damage to teeth by rough ground surfaces. The narrow slots used in the transport positioning hold the arms in a rigid position.

| RIGH-HAND RAKE OPERATING POSITIONS |  |  |  |  |  |  |  |
| :--- | :---: | :--- | :--- | :---: | :---: | :---: | :---: |
| TURNING |  | SPREADING | RAKING |  |  |  |  |
| Rotate the main frame to the <br> right and the arms to the left. <br> Lock in place with pins. | Rotate the main frame and arms <br> to the left. Lock in place with <br> pins. | Rotate the main frame and arms <br> to the left. Lock in place with <br> pins. |  |  |  |  |  |

Illustration 10

## TRANSPORTING

To reduce the width of the rake for transporting between fields, perform the following steps:

1. Raise the rake to the highest position.
2. Unlock the main frame at the Floating Arm (26) and rotate the frame so the forward wheel is at the top. Rotate the arms to the horizontal position. Center the rake behind the tractor.
3. Move the floating arm stop to the forward position to lock the frame in position during transporting.


Illustration 11


Illustration 12

## USING LEFT AND RIGHT-HAND MODELS TO MAKE A V-RAKE

1. Install the Tool Bar Frame (1) to the tractor 3point linkage using a forklift or crane. Raise the frame with tractor's hydraulics. See Illustration 13.
2. Install the 3-Point Upper and Lower Linkage (9 \& 11) on the frame. Do not tighten bolts until all components are in place and rakes are installed so minor adjustment can be made.


Illustration 14

IMPORTANT: Safety reflectors have been installed on the ends of the Tool Bar Frame to warn approaching traffic of a potential hazard. Make sure reflectors are clean and in good condition at all times. Replace damaged or missing reflectors immediately.

TROUBLESHOOTING

| PROBLEM | PROBABLE CAUSE |  | SOLUTION |  |
| :---: | :---: | :---: | :---: | :---: |
| Hay carrying over on the wheels. | 1. | Teeth not polished. | 1. | Operate rake on gravel surface for a short distance. |
|  | 2. | Mud collected on tine ends. | 2. | Dew on hay, wait until dry. Do not run in soft, wet ground. |
| Tooth breakage. | 1. | Backing with teeth in contact with ground. | 1. | Avoid backing with teeth on ground. |
|  | 2. | Too much of rake weight on wheels. | 2. | Raise the 3-point hitch slightly. |
|  | 3. | Corrosion in storage. | 3. | Coat teeth with grease or oil during storage. |
| Rake missing hay. | 1. | Wheels running too flat. | 1. | Adjust angle at sector plate. |
|  | 2. | Wheels not pitched back enough. | 2. | Pitch wheels back by adjusting 3-point top link. |
|  | 3. | Teeth missing or worn. | 3. | Replace teeth. It is best to replace all teeth at the same time to maintain uniform tine height. |
| Rake wheels bounce excessively. | 1. | Wheels have too little ground weight. | 1. | Lower 3-point hitch. |
| Bent teeth. | 1. | Backing with wheels down. | 1. | Avoid doing so. |
|  | 2. | Excessive speed on rough terrain. | 2. | Reduce speed. |
|  | 3. | Narrow or deep ditches or furrows, rocky ground. | 3. | Avoid or cross slowly. |
|  | 4. | Too much weight on wheels. | 4. | Raise 3-point slightly. |

## MAINTENANCE

This Wheel Rake requires no tools for operation and no lubrication is required except for occasional repacking of the hub bearings on the wheels. A light coating of grease applied periodically to the frame and arm pivots and flanges will allow smoother operation and retard rusting which will hinder operation.

## PARTS LIST



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MODELS RP4 RH, RP4 LH, RP8
PART LIST PART LIST

| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | RP000302 | 3-Point Base | 1 | 28 | RP000344 | Retaining Ring | 6 |
| 2 | RP000342 | Hairpin Cotter, . $178 \times 3$ 9/16" | 4 | 29 | RP000345 | Pin, M20 | 3 |
| 3 | RP000335 | Stand | 1 | 30 | RP000376 | Complete Wheel, LH | 4 |
| 5 | RP000374 | Hex Capscrew, M10x1.5x90, GR 8.8 | 1 | 31 | RP000377 | Complete Wheel, RH | 4 |
| 6 | RP000351 | Hex High Nut, M12x1.75 | 1 | 33 | RP000309 | Main Frame, 4 Wheel Models | 1 |
| 7 | RP000375 | Hex High Nut, M10x1.5 | 105 | 34 | RP000308 | Dual Wheel Arm, LH | 2 |
| 8 | RP000303 | Sector Support | 1 | 35 | RP000361 | Seal | 4 |
| 9 | RP000356 | Hairpin Cotter, . $148 \times 3$ 5/16" | 1 | 36 | RP000362 | Inner Bearing | 4 |
| 10 | RP000338 | 3-Point Pin w/Chain | 1 | 37 | RP000363 | Hub | 4 |
| 11 |  | Decal | 2 | 38 | RP000364 | Outer Bearing | 4 |
| 13 |  | Decal, Caution Operating | 1 | 39 | RP000365 | Low Hex Castle Nut, M18x1.5 | 4 |
| 14 | RP000340 | Cotter Pin, M5x32 | 2 | 40 | RP000380 | Cotter Pin, 3.2x32 | 4 |
| 15 | RP000339 | Sector Support Pin | 1 | 41 | RP000366 | Hub Cap | 4 |
| 16 | RP000343 | Lever Plate | 3 | 42 | RP000311 | Rim | 4 |
| 17 | RP000305 | 3-Point Cap | 1 | 43 | RP000312 | Flange | 4 |
| 18 | RP000357 | 3-Point Pin | 1 | 44 | RP000371 | Hex Capscrew, M10x1.5x25, GR 8.8 | 24 |
| 19 | RP000348 | Snapper Safety Pin | 3 | 45 | RP000370 | Tine, 7 mm | 160 |
| 21 | RP000352 | Extension Spring | 2 | 46 | RP000369 | Carriage Bolt, M10x1.5x25, GR4.6 | 80 |
| 22 | RP000350 | Hex Capscrew, M12x1.75x35, GR8.8 | 1 | 47 | RP000367 | Tine Clamp | 40 |
| 23 | RP000349 | Lower spring Mount | 1 | 48 | RP000310 | Dual Wheel Arm, RH | 2 |
| 24 | RP000373 | Lockwasher, M10 | 24 |  | RP000378 | Weld-on Spindle | RP |
| 25 |  | Hex Nut, M6x1 | 1 |  | RP000379 | Hub \& Spindle Assembly (Includes Spindle |  |
| 26 | RP000304 | Floating Arm | 1 |  |  | \& Items 35,36,37,38,39,40,41,7,24 \& 44) | RP |
| 27 | RP000346 | Floating Arm Plate | 1 |  |  |  |  |

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WHEEL RAKES \& V-RAKES
MODELS RP/5-C RH, RP/5-C LH E RP-10
DISASSEMBLING FRAME MODELS RPA/5-C RH RPA/5-C LH

| Item | Part No. | Description | Qty. |
| :---: | :---: | :---: | :---: |
| 28 | RP000344 | Retaining Ring | 8 |
| 29 | RP000345 | Pin, M20 | 4 |
| 30 | RP000376 | Complete Wheel, LH | 5 |
| 31 | RP000377 | Complete Wheel, RH | 5 |
| 32 | RP000381 | Single Wheel Arm | 1 |
| 33 | RP000306 | Main Frame, 5 Wheel Models | 1 |
| 34 | RP000308 | Dual Wheel Arm, LH | 2 |
| 35 | RP000361 | Seal | 5 |
| 36 | RP000362 | Inner Bearing | 5 |
| 37 | RP000363 | Hub | 5 |
| 38 | RP000364 | Outer Bearing | 5 |
| 39 | RP000365 | Low Hex Castle Nut, M18x1.5 | 5 |
| 40 | RP000380 | Cotter Pin, 3.2×32 | 5 |
| 41 | RP000366 | Hub Cap | 5 |
| 42 | RP000311 | Rim | 5 |
| 43 | RP000312 | Flange | 5 |
| 44 | RP000371 | Hex Capscrew, M10x1.5x25, GR 8.8 | 30 |
| 45 | RP000370 | Tine, 7 mm | 200 |
| 46 | RP000369 | Carriage Bolt, M10x1.5x25, GR4.6 | 100 |
| 47 | RP000367 | Tine Clamp | 80 |
| 48 | RP000310 | Dual Wheel Arm, RH | 2 |
|  | RP000378 | Weld-on Spindle | RP |
|  | RP000379 | Hub \& Spindle Assembly (Includes Spindle \& Items $35,36,37,38,39,40,41,7,24 \& 44)$ | RP |
| 49 | RP000382 | Disassembling main frame, 5 wheels Models | 1 |


| Item | Part No. | Description | Qty. |
| :---: | :---: | :--- | :---: |
| 1 | RP000302 | 3-Point Base | 1 |
| 2 | RP000342 | Hairpin Cotter, .178×3 9/16" | 4 |
| 3 | RP000335 | Stand | 1 |
| 5 | RP000374 | Hex Capscrew, M10x1.5x90, GR 8.8 | 1 |
| 6 | RP000351 | Hex High Nut, M12x1.75 | 1 |
| 7 | RP000375 | Hex High Nut, M10x1.5 | 131 |
| 8 | RP000303 | Sector Support | 1 |
| 9 | RP000356 | Hairpin Cotter, .148×3 5/16" | 1 |
| 10 | RP000338 | 3-Point Pin w/Chain | 1 |
| 11 |  | Decal | 2 |
| 13 |  | Decal, Caution Operating | 1 |
| 14 | RP000340 | Cotter Pin, M5x32 | 2 |
| 15 | RP000339 | Sector Support Pin | 1 |
| 16 | RP000343 | Lever Plate | 3 |
| 17 | RP000305 | 3-Point Cap | 1 |
| 18 | RP000357 | 3-Point Pin | 1 |
| 19 | RP000348 | Snapper Safety Pin | 3 |
| 21 | RP000352 | Extension Spring | 2 |
| 22 | RP000350 | Hex Capscrew, M12x1.75x35, GR8.8 | 1 |
| 23 | RP000349 | Lower spring Mount | 1 |
| 24 | RP000373 | Lockwasher, M10 | 30 |
| 25 |  | Hex Nut, M6x1 | 1 |
| 26 | RP000304 | Floating Arm | 1 |
| 27 | RP000346 | Floating Arm Plate | 1 |
|  |  |  |  |

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WHEEL RAKES \& V-RAKES MODELS RP6 RH \& RP-6 LH

## DISASSEMBLING FRAME MODELS RPA/6 RH RPA/6 LH

| Item | Part No. | Description | Qty. |
| :---: | :---: | :---: | :---: |
| 27 | RP000346 | Lock Plate | 1 |
| 28 | RP000344 | Retaining Ring | 8 |
| 29 | RP000345 | Pin | 4 |
| 30 | RP000376 | 3-Point Wheel Assembly, LH | 6 |
| 31 | RP000377 | 3-Point Wheel Assembly, RH | 6 |
| 32 | RP000383 | Flatwasher, 7/8" SAE | 2 |
| 33 | RP000384 | Main Frame, 6 Wheel Models | 1 |
| 34 | RP000308 | Wheel Arm, LH | 3 |
| 35 | RP000361 | Seal | 6 |
| 36 | RP000362 | Inner Bearing | 6 |
| 37 | RP000363 | Hub | 6 |
| 38 | RP000364 | Outer Bearing | 6 |
| 39 | RP000365 | Hex Castle Nut, M18x1.5 | 6 |
| 40 | RP000380 | Cotter Pin, M3.2x32 | 6 |
| 41 | RP000366 | Hub Cap | 6 |
| 42 | RP000311 | Rim | 6 |
| 43 | RP000312 | Flange | 6 |
| 44 | RP000371 | Hex Capscrew, M10x1.5x25, GR 8.8 | 36 |
| 45 | RP000370 | Tine | 240 |
| 46 | RP000369 | Carriage Bolt, M10x1.5x25, GR4.6 | 120 |
| 47 | RP000367 | Tine Clamp | 60 |
| 48 | RP000310 | Wheel Arm, RH | 3 |
|  | RP000378 | Weld-on Spindle | RP |
|  | RP000379 | Hub \& Spindle Assembly (Includes Spindle RP000378 \& Items 35-41) | RP |
| 49 | RP000385 | Disassembling main frame, 6 wheel Models | 1 |


| Item | Part No. | Description | Qty. |
| :---: | :---: | :--- | :---: |
| 1 | RP000302 | 3-Point Base | 1 |
| 2 | RP000336 | Klick Pin | 2 |
| 3 | RP000335 | Stand | 1 |
| 4 | RP000342 | Hairpin Cotter, M5 | 2 |
| 5 | RP000374 | Hex Capscrew, M10x1.5x90, GR 8.8 | 1 |
| 6 | RP000354 | Hex Nut, M14x2 | 1 |
| 7 | RP000375 | Hex Nut, M10x1.5 | 157 |
| 8 | RP000303 | Sector Support | 1 |
| 9 | RP000356 | Hairpin Cotter, M3 | 5 |
| 10 | RP000338 | 3-Point Pin | 1 |
| 11 |  | Decal | 2 |
| 12 | RP000355 | Hex Capscrew, M14x2x110, GR8.8 | 1 |
| 13 |  | Decal, Caution Operating | 1 |
| 14 | RP000340 | Cotter Pin, M6.3x40 | 2 |
| 15 | RP000339 | Sector Support Pin | 1 |
| 16 | RP000343 | Lever Plate | 4 |
| 17 | RP000305 | 3-Point Cap | 1 |
| 18 | RP000357 | 3-Point Pin | 1 |
| 19 | RP000348 | Lever Pin | 4 |
| 20 | RP000353 | Upper Spring Mount | 1 |
| 21 | RP000352 | Extension Spring | 2 |
| 22 | RP000350 | Hex Capscrew, M12x1.75x30, GR8.8 | 1 |
| 23 | RP000349 | Lower spring Mount | 1 |
| 24 | RP000373 | Lockwasher, M10 | 36 |
| 25 |  | Hex Nut, M6x1 | 1 |
| 26 | RP000304 | Floating Arm | 1 |
|  |  |  |  |



WHEEL RAKES \& V-RAKES
MODELS RP-8 \& RP-10
V-RAKE FRAME
PARTS LIST

| Item | Part No. |  | Description |
| :---: | :--- | :--- | :---: |
| 1A | RP000301A | Main Frame - 8 Wheel V-Rake |  |
| $1 B$ | RP000301B | Main Frame - 10 Wheel V-Rake | 1 |
| 2 | RP000332 | Klick Pin | 1 |
| 3 | RP000335 | Stand | 2 |
| 4 | RP000334 | Locking Spring Clip, M4 | 2 |
| 5 |  | Yellow Oblong Reflector | 2 |
| 6 |  | Red Oblong Reflector | 2 |
| 7 | RP000333 | Linkage Pin | 2 |
| 8 | RP000325 | Third Point Upper Base Plate | 2 |
| 9 | RP000324 | Third Point Upper Linkage Mount | 2 |
| 10 | RP000331 | Third Point Lower Base Plate | 2 |
| 11 | RP000330 | Third Point Lower Linkage Mount | 4 |
| 12 | RP000327 | Mount Plate Bolt | 4 |
| 13 | RP000386 | Lockwasher, M12 | 16 |
| 14 | RP000326 | Hex Nut, M12x1.75 | 16 |
| 15 | RP000323 | Hairpin, M5 | 16 |
| 16 | RP000322 | Third Point Pin | 2 |
| 17 | RP000328 | Hex Capscrew, M16x2x70, GR8.8 | 2 |
| 18 | RP000387 | Lockwasher, M16 | 2 |
| 19 | RP000329 | Hex Nut, M16x2 | 2 |

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WINDROW TURNER
MODEL RP-2
PARTS LIST

| Item | Part No. |  | Qty. |
| :---: | :--- | :--- | :---: |
| 1 | RP000313 | 3-Point Frame | 1 |
| 2 | RP000314 | Sliding Arm | 1 |
| 3 | RP000315 | Wheel Arm, RH | 1 |
| 4 | RP000377 | Wheel Assembly, RH | 2 |
| 5 | RP000369 | Carriage Bolt, M10x1.5x25, GR4.6 | 40 |
| 6 | RP000367 | Tine Plate | 20 |
| 7 | RP000370 | Tine | 80 |
| 8 | RP000311 | Rim | 2 |
| 9 | RP000312 | Flange | 2 |
| 10 | RP000368 | High Hex Nut, M10x1.5 | 40 |
| 11 | RP000378 | Weld-on Spindle | 2 |
| 12 | RP000361 | Seal | 2 |
| 13 | RP000362 | Inner Bearing | 2 |
| 14 | RP000363 | Wheel Hub | 2 |
| 15 | RP000364 | Outer Bearing | 2 |
| 16 | RP000365 | Low Hex Castle Nut, M18x1.5 | 2 |
| 17 | RP000380 | Cotter Pin, M3.2x32 | 2 |
| 18 | RP000366 | Hup Cap | 2 |
| 19 | RP000379 | Hub \& Splindle Assembly | 12 |
| 20 | RP000371 | Hex Capscrew, M10x1.5x25, GR8.8 | 12 |
| 21 | RP000373 | Lockwasher, M10 | 12 |
| 22 | RP000372 | High Hex Nut, M10x1.5 | 1 |
| 23 | RP000343 | Lever Plate | 1 |
| 24 | RP000348 | Lever Pin | 1 |
| 25 | RP000345 | Pin | 1 |
| 26 | RP000319 | Frame Pin | 2 |
| 27 | RP000320 | Hairpin Cotter, M3 | 2 |
| 28 | RP000344 | Retaining Ring |  |

