



ROLLER MOWERS

R SERIES
R126

ROTARY MOWER

OPERATOR'S MANUAL



This Operator's Manual is an integral part of the safe operation of this machine and must be maintained with the unit at all times. **READ, UNDERSTAND, and FOLLOW** the Safety and Operation Instructions contained in this manual before operating the equipment. *C01-Cover*



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Disclaimer

While every effort has been made in the production of this manual to ensure that the information contained herein is full and correct, manufacturer assumes no responsibility for errors or omissions.

Manufacturer reserves the right to modify the machinery and the technical data contained within the manual without prior notice.

Further to this, manufacturer assumes no liability for any damages which may result from the use of the information contained within this manual.

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Introduction

Thank you

We appreciate having you as a customer and wish you many years of safe and satisfied use of your machine.

Safety Aspects

This manual is an important part of your machine and should remain with the machine when you buy it. Reading your operator's manual will help you and others avoid personal injury or damage to the machine. Information given in this manual will provide the operator with the safest and most effective use of the machine. Only competent and skilled persons who have fully read and understood this operator's manual are allowed to operate this machine.

Sections in your operator's manual are placed in a specific order to help you understand all the safety messages so you can operate this machine safely. You can also use this manual to answer any specific operating or servicing questions.

Your manual contains special messages to bring attention to potential safety concerns, machine damage as well as helpful operating and servicing information. Please read all the information carefully to avoid injury and machine damage. Should any questions arise regarding the information given in this booklet, please contact your local dealer.

The operator is solely responsible for the safe use and maintenance of the machine. The machine must only be operated by a competent and skilled person. Setting up and adjustment must only be carried by the operator. Do not let a third party person to adjust or modify the machine in any way.

Intended use

This machine is a grass cutting machine and designed for cutting grass. Moreover, it must only be used with a suitable tractor (see "Product Specifications" section of this booklet) and driven by an adequate drive-line of the tractor PTO. All other use is strictly prohibited. Manufacturer will not be held responsible for any loss or damage caused due to a misuse of the machine.

Warranty

This machine is warranted for 12 months. No warranty is given where the machine is being used as a hire machine. Warranty is against faulty workmanship or parts.

Warranty covers parts only. All parts must be returned to the manufacturer. No warranty can be considered unless parts are returned. All replacement parts will be supplied on a chargeable basis until warranty has been accepted.

Tractor Requirements



Attaching the machine to the tractor will influence the stability and manoeuvrability of the tractor. Please consult your tractor manual for limitations on weight and towing ability of the tractor.

It is the operator's responsibility to ensure that the tractor is suitable for the machine. Always consult your tractor's manual for any further information required.

Recommended Horse Power requirements for the particular models are provided in the "Product Specification" section of this booklet. Using excessive power can affect the quality of cut and/or may damage the machine.

Tractors which are not suitable for the operation can sustain damage due to the weight and power requirements of the machine. Always observe the weight of machine provided in the "Product Specification" section of this booklet, compare this with the guidelines from the tractor manual and ensure that the tractor can lift the machine safely.

The machine is designed to be trailed. The position of the machine can be adjusted by manual or hydraulic top link.

Road light kit requires a 12V 7 pin socket.

Safety

The operator's manual also explains any potential safety hazards whenever necessary in special safety messages that are identified with the word, CAUTION, and the safety-alert symbol .

Hazards associated with operating Grass Cutting Machinery

Shear Hazard

Shear hazards are created when the edges of two objects move toward or next to each other closely enough to cut relatively soft material. This can include the parts of the machine under hydraulic control when operating from transport to mowing position. Note, the wing units are designed to float independently of the centre deck & are free to move within operating limits.

Crush Hazard

Bystanders can be injured when machine is lowered into mowing position. Winged machines have crush points around the hinge areas & between the wing & main body. Always use transport locking bars when not in use (winged models only).

Rotating Blade Hazard

All persons are at risk if they place their hands or feet under the machine when it is raised from the ground when the blades are in motion.

Pinch Hazard

Pinch points are created when two objects move together, with at least one of them moving in a circle. This hazard is common in power transmission devices such as Belt Drives, Gear Drives & Rollers. Ensure all guarding is present.

Wrap Hazard

Any exposed, rotating machine component is a potential wrap point. Injuries usually occur when loose clothing or long hair catch on and wrap around rotating parts such as PTO shafts or Drive shafts on the machine. Ensure all guarding is present.

Free-wheeling parts Hazard

The heavier a revolving part is, the longer it will continue to rotate after power is shut off. This characteristic is called 'free-wheeling.' Blades, and various other components, drive shafts etc., will continue to move after power is shut off - often for several minutes. Injuries occur when:

- Operators shut off equipment, and attempt to clean or adjust a machine before components have completely stopped moving.
- Shear bolt protection device in PTO shaft shears & the mowing parts are still spinning but the primary PTO shaft is stationary. Operator awareness is the key to safety around freewheeling parts. Never raise the machine while the blades are still rotating.

Thrown objects Hazard

Machines throw material as a natural part of doing their job. Foreign objects, such as stones, sticks and other debris, may be taken into this equipment and expelled at tremendous speed. These objects are contained by the sides of the machine and by the rear/front rollers / guards / chain guards / rubber skirts depending on model of your machine. Ensure bystanders are clear from the machine & cannot be hit with debris expelled from the machine. Bystanders or animals in the path of thrown objects could be seriously injured. Never operate machine with decks raised from the ground as this makes the front/rear protection redundant.

Hydraulic Hazard (if applicable)

Hydraulic systems store considerable energy. Careless servicing, adjustment, or replacement of parts can result in serious injury. High pressure blasts of hydraulic oil can injure eyes or other body parts. The following precautions are crucial:

- Make certain the hydraulic pump is turned off.
- Lower attached equipment to the ground.
- Confirm that load pressure is off the system.

A pinhole leak in an hydraulic hose is a serious hazard. A leak may not be visible, and the only sign may be a few drops of fluid. Never inspect hydraulic hoses with your hands, because a fine jet of hydraulic fluid can pierce the skin.

Slips, Trips and Falls Hazard

Slips and falls often result from:

1. Slippery footing on the ground
2. Cluttered steps and work platforms.

The potential for slips and falls can be greatly reduced by using good judgement and practicing good housekeeping on and around equipment.

Noise Hazard

Please note that the machine is normally used outdoors and that the position of the operator is seated in the driving seat of the tractor. It is advisable to consult the prescriptions listed in tractor operator and maintenance manuals.

The acoustic pressure at a distance of 2.6m from the centre of the machine and at a height of 2.0m, with the implement operating in a no load condition can reach 90 dBA. In a loaded condition & a PTO rate of 540 (1000) RPM the value can reach 97dBA. Higher rate of PTO input will result in higher noise levels. Always wear hearing protection.

Operating Safely

This machine is designed to operate at a PTO rate which is stated in the Product Specifications part of this booklet. Ensure tractor PTO output is set at a correct RPM rate. This machine must only be used for purposes outlined in the Intended Use section of this booklet. All other use is strictly prohibited.



Users should become thoroughly familiar with the contents of this manual before using, servicing and mounting the implement to the tractor and all other pertinent operations. Never wear jewellery, loose clothing such as ties, scarves, belts, unbuttoned jackets or dungarees with open zips which could become caught up in moving parts.



Always wear approved garments complying with accident prevention provisions such as non-slip shoes, ear muffs, goggles and gauntlets. Wear a jacket with reflecting stickers if the implement is used near public highways.



Consult your retailer, the Labour Health Service or your nearest equivalent authority for the information about the current safety provisions and specific regulations with in order to ensure personal safety.



ALWAYS DISENGAGE PTO, SWITCH OFF THE TRACTOR ENGINE AND ENGAGE THE PARKING BRAKE BEFORE MAKING ADJUSTMENT TO THE MACHINE.



NEVER PLACE LIMBS UNDER THE MACHINE WHILE ROTOR(S) ARE TURNING. ROTOR(S) CAN REMAIN TURNING FOR UP TO 1 MINUTE AFTER DISENGAGING PTO.

Workstation

The operator must remain seated while working the machine. If the machine is a winged unit and the wings need to be raised/lowered the operator must not leave the tractor. Always ensure the PTO has been turned off and the parking brake applied before leaving the tractor cab or carrying out maintenance.



NEVER OPERATE THE HYDRAULICS WITH THE TRACTOR SWITCHED OFF

Regulations for use of the transmission

The transmission to the gearboxes is protected throughout the machine by both PTO shafts and bolt down covers. All guarding should be kept efficient and in good condition. If the condition is poor, the guarding should be renewed before the implement is used.



UNLESS IT IS CORRECTLY PROTECTED THE TRANSMISSION COULD CAUSE DEATH SINCE IT CAN CATCH ON PARTS OF THE BODY OR CLOTHING

Ensure retaining chains are correctly anchored on all PTO shafts, preventing them from turning. Ensure drive line can turn easily within the shield. Keep spline grooves clean and greased so that PTO shaft can connect easily. Besides being described in this booklet, the method by which the PTO shaft is connected to the tractor must be checked out with the instructions in the tractor manufacturer's manual.

PTO Shaft Safety

Maximum PTO input is specified in the Product Specifications section of this booklet. Contact your nearest dealer or a specialised retail outlet if the PTO must be replaced with a longer one, since this must belong to the same power category and possess the same characteristics. An unsuitable PTO could easily break.

The tractor PTO shaft length may be altered to suit the individual tractor model. When the machine is in operation, the PTO shaft should have a minimum 1/3 engagement as shown in the diagrams. After the machine has been hitched to the tractor, it should be checked in various positions that the drive line is the correct length. If the PTO is too short and tends to slip out of place, it must be replaced with a longer one.

If the PTO shaft is too long, it should be shortened in the following way:

- Set the machine at a minimum distance from the tractor, then brake the tractor and switch off the engine.
- Separate the two halves of the PTO. Insert the female part into the tractor PTO and the male part into the machine PTO, checking that the position is correct by means of the fixing pins.
- Line up the two halves of the PTO together, keeping them parallel.
- Using a felt tip pen, match mark the place where the two halves must be shortened as shown.
- First cut shield "1" and use part "2" as a reference to cut the splined shaft.
- Proceed in the same way for the second half.
- Trim and chamfer the two cut ends of the PTO and clean off all swarf and shavings.
- Grease the two profiles and join the two halves of the PTO together.
- Mount the PTO shaft and check that its length is correct as before.

Inspections before Use



Always disengage PTO, Switch off tractor engine and engage the parking brake before making adjustments to the machine.

1. With the whole machine as level as possible, check the oil level in all gearboxes. Top up if required through the oil filler plug. The correct level is at the oil level plug.
2. Grease all lubrication points as outlined in the Maintenance section of this booklet.
3. Check parts for wear.
4. Check the blade mounting bolts are tight.
5. Ensure the gearbox shaft nuts are tight and retained in place by split pin.
6. Check tightness of all nuts, bolts and pins.
7. Ensure safety guards and flaps are in place at all times where fitted. If these become worn or missing, replace them immediately with new ones.
8. Due to the corrosive nature of grass when cut, wash down the machine when finished mowing, especially when the machine is being stored for a long period of time.

Starting Regulations



Always check that any imminently dangerous conditions have been eliminated before using the machine. Ensure all guarding is present & the operator is fully aware of the operations of the machine.



Always ensure the pins lock the PTO shaft yoke ends onto the spline shafts on both the tractor and the implement. An unlocked shaft could slip out of position, causing notable mechanical damage and serious injury to both operator and bystanders.

Product Identification

Machine Serial Numbers

If you need to contact RHINO or your RHINO dealer for information on servicing or spare parts, always provide the product model and serial numbers. Model and Serial number can be found on the Serial Plate located on the machine.

We suggest that you record your machine details below:

Model No: _____

Serial No: _____

Date of Purchase: _____

Dealer Name: _____

Dealer Telephone: _____

Product Specifications

The machine is propelled by using a 6 spline 1-3/8" PTO shaft (provided with the machine).

Model	R126
Overall Width	3715mm (12' 2 1/4")
Working Width	3620mm (11' 10 1/2")
Transport Width	2310mm (7' 6 3/4")
Transport Height	1925mm (6' 3 3/4")
Power (HP)	45-75
PTO rpm	540
Cutting Height	10-100mm (3/8" - 3 15/16")
Rotors	6
Blades	24
Weight	1560kg (3440lbs)
Blade tip speed	76 m/s
Mowing Rates (Acres/hr at 7mph)	10

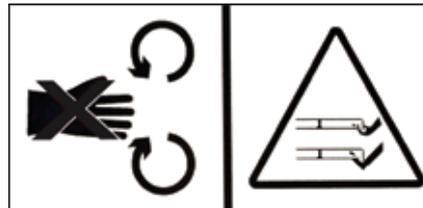
Machine Safety Labels

The machine safety labels shown in this section are placed in important areas on your machine to draw attention to potential safety hazards.

On your machine safety labels, the words DANGER, WARNING, and CAUTION are used with this safety alert symbol. DANGER identifies the most serious hazards.



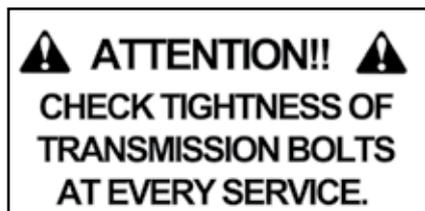
To avoid injury, read the manual



Rotating blade hazard



PTO entanglement hazard - keep clear of PTO drives.



Check tightness of the transmission bolts



Do not engage drive while in transport position



Grease points



Maximum PTO input



Moving parts

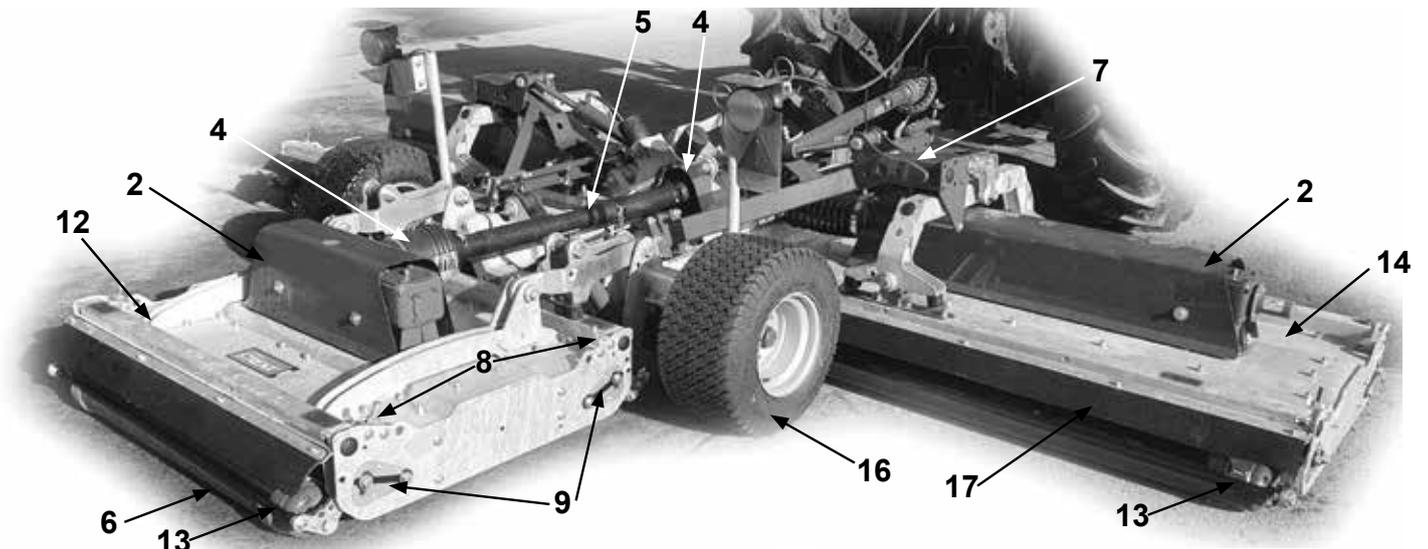


High oil pressure hazard

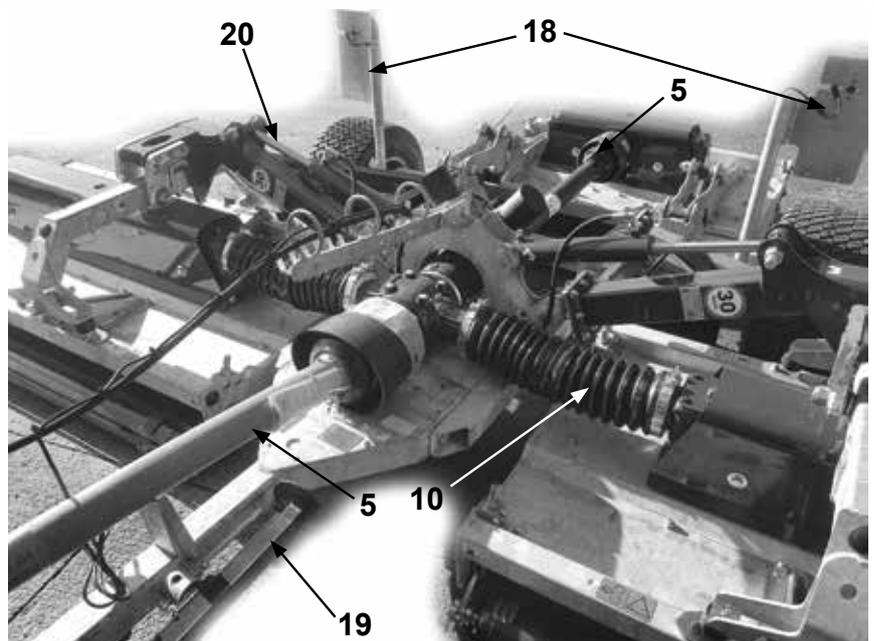
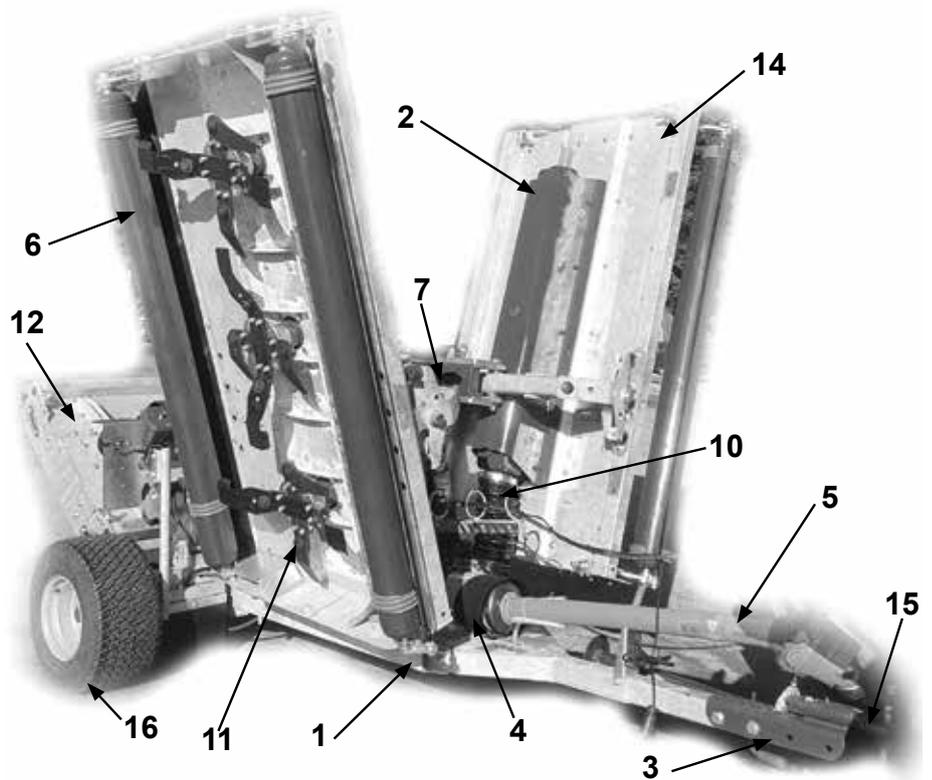


Check wheel nuts daily

Key to Main Parts

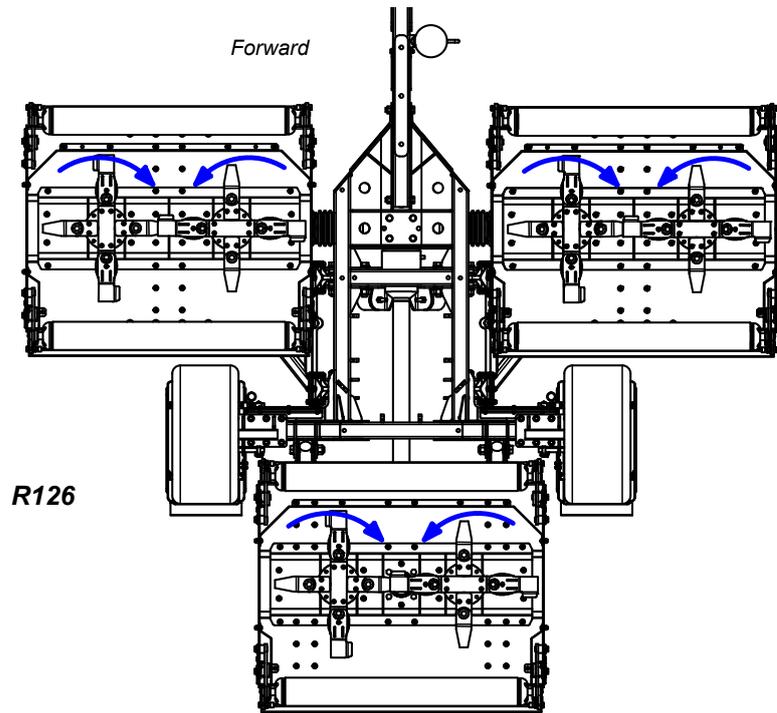


1	Body
2	Drivetrain cover
3	Drawbar
4	Gearbox PTO cover
5	PTO shaft
6	Roller
7	Wing arm
8	Roller height adjuster rod
9	Roller height indicator
10	Wing PTO shaft
11	Blades
12	Rear deck
13	Scraper bar
14	Wing
15	Hitch
16	Wheel
17	Rubber deflector
18	Lighting kit
19	Parking jack
20	Hydraulic ram



Blade Rotation

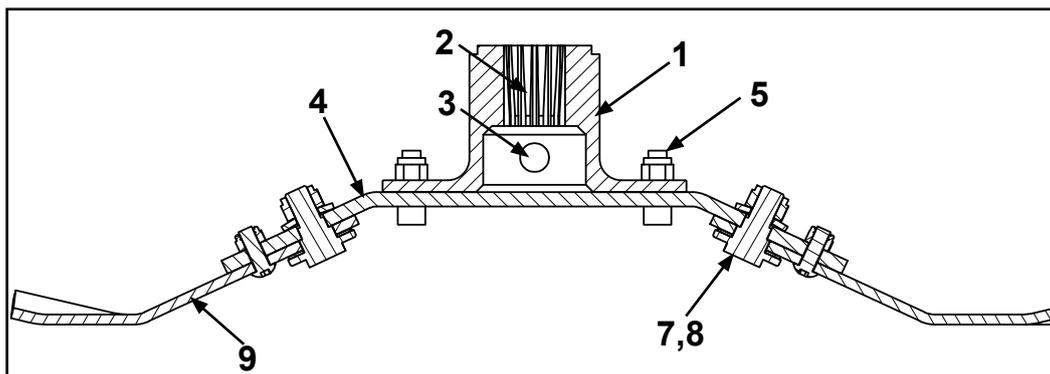
Blade rotation viewed from underside



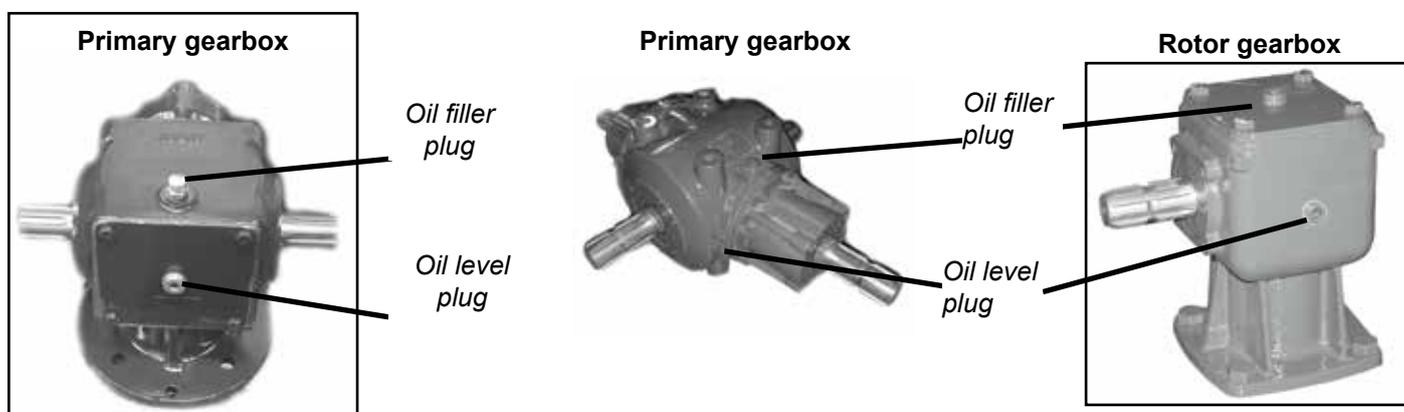
Blade system

Full breakdown of the blade assembly is provided in the Spare Parts section of this booklet

1 Blade mount	7 Blade pivot bolt
2 Gearbox output shaft	8 Blade pivot bush
3 Gearbox split pin	9 Blade
4 Blade back	
5 Blade back bolt	
6 Blade back spacer	



Drive-line gearboxes



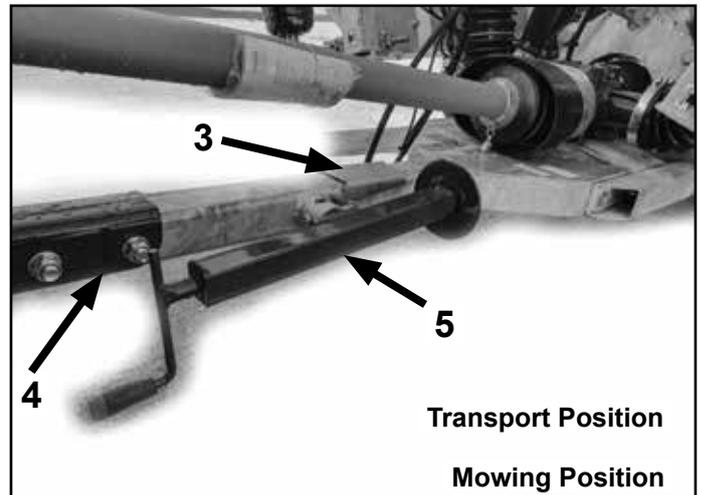
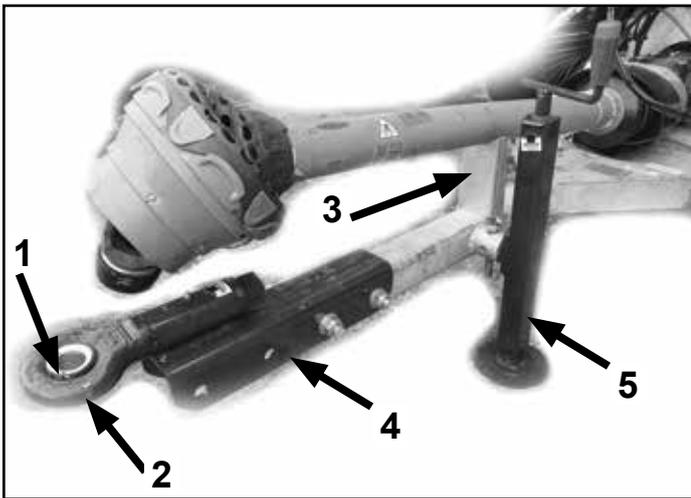
Operating the Machine

Attaching machine to the Tractor



Always operate on level ground when attaching/detaching the machine. This will prevent dangerous movement. Never allow anyone to stand between the tractor and the machine.

1. Reverse the tractor, connect the hitch & secure in position with correct size drawbar pin
2. Ensure that the circlip is on top (see diagram below).
3. Ensure the tractor brake is applied
4. Adjust the level of the drawbar until the main body is level (see diagram below).
5. Connect the hydraulic connections to the tractor.
6. Fit the PTO shaft & secure the PTO cover chains.
7. Adjust drawbar or/and cut PTO shaft.
8. Lift the parking stand and lower the PTO stand (see diagram below).



- | | |
|---|----------------------------|
| 1 | Circlip |
| 2 | Hitch |
| 3 | PTO stand |
| 4 | Drawbar lateral adjustment |
| 5 | Parking jack |

Transport Position



Before raising the machine wait until the transmission and the blades are completely still.
During the transport of the machine it is recommended that the PTO shaft is disconnected.

1. Check machine is hitched to the tractor as described. Ensure the tractor parking brake is applied
2. Ensure moving parts become still then transform the machine into transport position by hydraulic control
3. Lift up the wings by operating hydraulics and lock in place.
4. Lift the rear deck up by operating hydraulics.



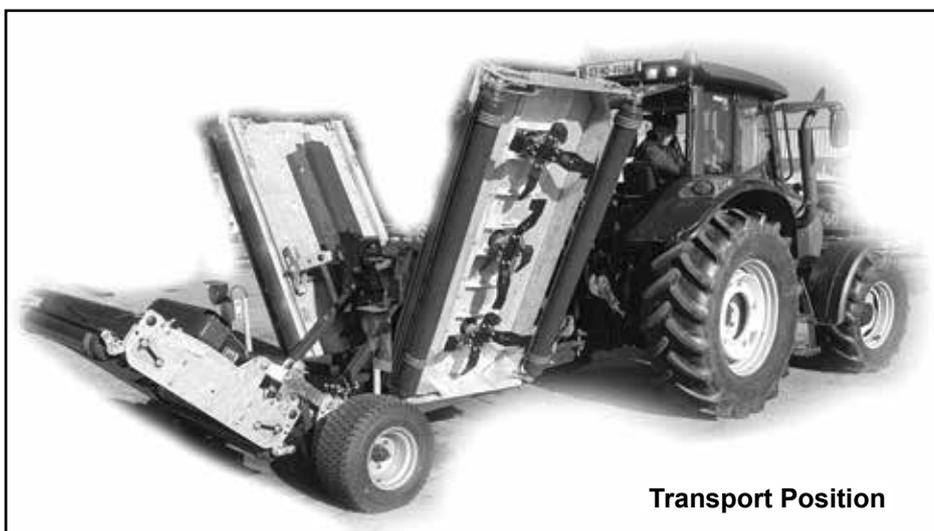
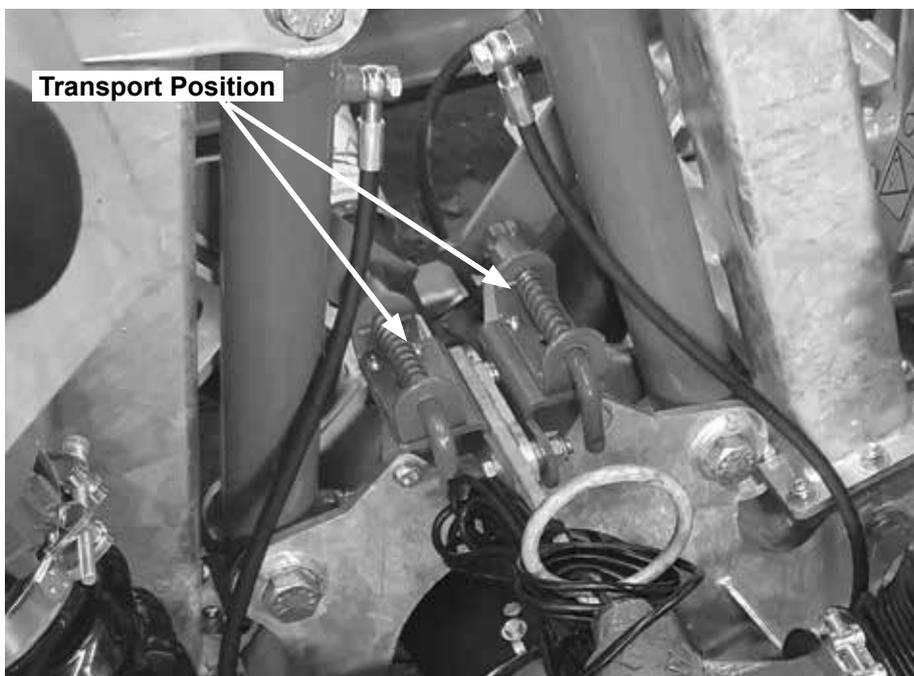
Do not lift the wings/rear deck while PTO is still in motion. This may damage the PTO shaft and other components.



Transport Speed of Trailed models should not exceed 30 km/h.

Transport Lock

IMPORTANT: Wings must be locked while transporting the machine.



Operating the Machine/Mowing



Never place limbs under the machine while rotors are turning. Rotors can remain turning for up to 1 minute after disengaging PTO.



While operating this machine the PTO input rate should not exceed the RPM stated in the Product Specifications section of this booklet. Always operate on level ground when connecting/disconnecting the implement. This will prevent dangerous movement.



Never allow anyone to stand between the tractor and the machine. Ensure the machine is attached correctly to the tractor as previously described. Always start up the tractor PTO at a low RPM. Build up to operating speed, select a suitable forward gear & proceed to cut grass.

1. Hitch the machine as outlined in the previous section. Ensure bystanders are clear from the machine & cannot be hit with debris expelled from the machine.
2. Lift up the Parking Jack or the Parking stand (depending on the model) and secure it in mowing position.
3. Ensure the PTO stand is flipped down.
4. Check PTO shaft is fully engaged on tractor PTO splines.
5. Lower the machine by hydraulic control to the ground or use tractor linkage controls.
6. After clearing the vicinity of bystanders, relocate the Transport Bar.
7. Start up the tractor PTO at a low RPM.
8. Build up to operating speed, select a suitable forward gear & proceed to cut grass.



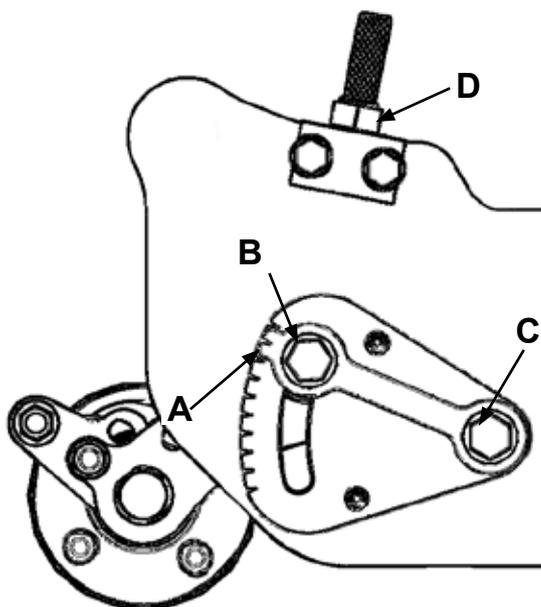
Roller and Castor wheels adjustment

In order to achieve desired cutting height, castor wheels and roller should be adjusted.

Roller

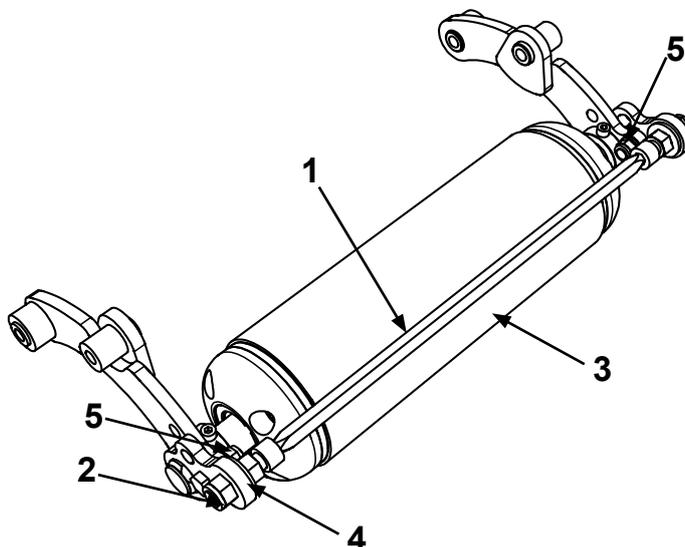
To adjust the height of the roller follow this procedure at both sides of the roller:

1. Loosen Bolts **B** and **C** (Note: You do not have to remove these bolts, half of the turn will suffice to allow movement);
2. Turn Nut **D** clockwise to increase the cut height or anti-clockwise to decrease the cut height;
3. Match the height of the roller on both sides of the machine by checking the position of Arrow **A**;
4. When adjustment is complete, re-tighten Bolts **B** and **C**.



Scraper bar

In order for a scraper bar to function properly, it should be kept tensioned. To tension the scraper bar (1) tighten up nuts (2) at both ends of the roller (3). Locate the scraper bar bracket (4) in a desired position by loosening/tightening bracket nut (5).



Maintenance

In order to keep your machine in a good working order it is necessary to conduct maintenance on a regular basis. Only competent and skilled persons who have fully read and understood this operator's manual are allowed to carry out maintenance on this machine. It is important to replace worn parts immediately with genuine spare parts. These parts are manufactured to the same specification as the machine and will provide the best result. Genuine spares can be obtained from your local dealer.

All maintenance checks and operations must be carried on a firm level ground. The machine must always be disconnected from the tractor before any cleaning, lubricating and servicing operations can be carried out. If works must be carried out under the machine, ensure that the props, jacks, stands, hoists or cranes are capable of supporting the machine securely.

If emergency operations are required whilst the machine is connected to the tractor, switch off the engine of the tractor, remove the key from the ignition, engage the parking brake and disengage the PTO. An example of such emergency situation is the complete blockage of the machine in the field. To clear out the blockage follow the safety steps described above and clear out the blockage. Ensure there are no ropes, twines or wires wrapped around the rotors.

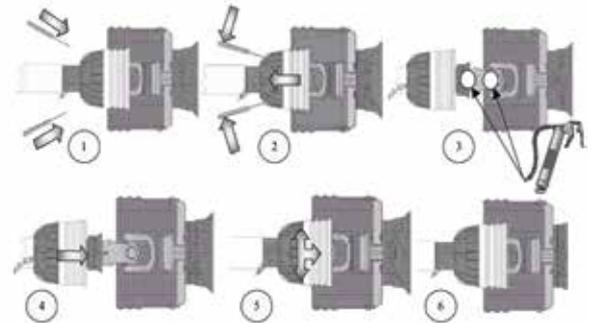
Machine storage

To prolong the life of your machine it is recommended to store it in a dry environment. Prior to parking the machine for storage, wash the machine thoroughly, especially underneath, and ensure that there is no grass or debris left on the machine. Lubricate all pivot points with EP2 type grease. Check for oil leaks and fix these if required. Any parts of the machine with damaged paint/galvanised surface must be painted.

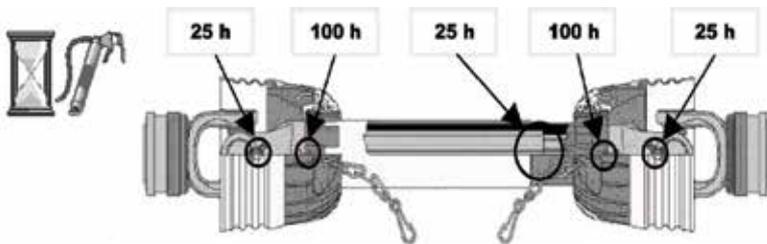
PTO Shaft Maintenance

Guard Removal and Yoke End Greasing

1. Prise back locking tabs
2. Pull back PTO Guard
3. Grease points as shown
4. Push Guard into position
5. Click into place
6. Tie check chain



PTO Greasing Intervals

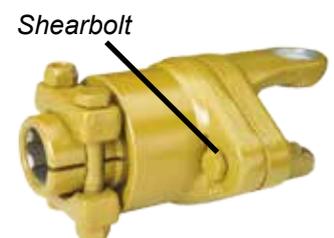


Shearbolt Replacement (if applicable)

1. Slide yoke shield back.
2. Drive out sheared bolt with hammer and punch.
3. Align holes and install new shear bolt. (Use only genuine replacement shear bolts)
4. Slide yoke shield securely in place



Always fit PTO shaft with the shearbolt/slip-clutch end connected to the machine as directed on the PTO guarding.



Transmission Bolts

All nuts and bolts in the transmission including Rubber couplings, Star Drives, PTO Shafts and Gearboxes should be checked for tightness after mowing at the following intervals:

1st 50 Acres

1st 100 Acres

1st 250 Acres

And every 250 acres thereafter.

Roller

Check the condition of the rollerend (stub axle) at the end of every season. Roller shaft (stub) must be able to rotate freely and without excessive play. If necessary, remove the roller assembly and adjust the tightness of the bearings.

Replacement of wear parts

Blades, blade backs, blade bushing, blade bolts and nuts must be checked on a regular basis for wear and deflection. The manufacturer recommends to visually check the blade assemblies every 40 hours of operation. This interval may change depending on the operational conditions.

Replace any damaged or worn parts immediately, failure to do so can result in blade breakages and can cause damage to the equipment or injuries to the operator and others nearby.

Blunt blades must be sharpened or replaced, failure to do so will result in a poor quality cut and excessive use of power from your tractor.



If the machine is equipped with wheels, wheel nuts must be checked daily. Air pressure within pneumatic tyres must be maintained at 2 Bar. Solid wheels must be checked for wear and damage and if necessary replaced immediately.



ENSURE BLADE ROTATION AND TIMING IS CORRECT AFTER SERVICING TRANSMISSION.



Pay attention when servicing or detaching components from the machine. Subassemblies and parts e.g. blade assemblies, gearboxes, rollers, guards, skids, wheels etc. can weigh up to 100 kilograms individually and must be supported adequately before fully detaching from the machine.

Clearing out a blockage



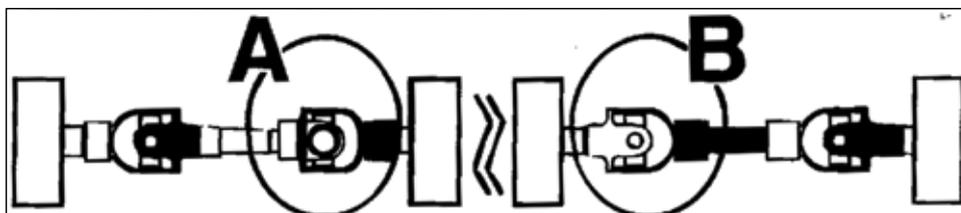
Always wear appropriate PPE when clearing out blockages.

If blockage of blades occurs proceed as follows:

1. Set the machine into transport position (including the top links);
2. Park the tractor on level ground, switch off the engine and remove the key from the ignition;
3. Apply a handbrake and disconnect the PTO shaft;
4. Using a pressure washer clear out the excess material built up around the blades. If the pressure washer is not available use your hand to remove the grass from around the blades, bearing in mind that there might be wires wrapped up around the rotors.

Wing shafts alignment

Ensure that after servicing the transmission, the wing pto shaft yokes are correctly aligned as shown in the diagram below – winged models only. If the shaft journals are fitted incorrectly the damage will only occur when the wings are raised into transport position.



Troubleshooting

Fault	Cause	Remedy	
Machine is getting blocked	Material too high or too much material	Reduce the ground speed but maintain required rpm from the PTO input	
	Grass is too wet	Stop and wait until grass is dried	
	Worn or dull blades	Sharpen or replace blades	
Leaves a streak of uncut or partially cut grass	Blades dull or bent	Sharpen or replace blades	
	Carrier RPM too low	Use correct PTO speed	
	Field conditions are so wet that the tractor tyre is pushing grass into mud	Too wet to mow. Stop operation and wait until grass is drier	
	Ground speed too fast	Reduce ground speed by shifting to a lower gear	
	Possible build-up materials under mower	Clean mower	
	Blades mounted incorrectly (cutting edge against direction rotation)	Change blades so that cutting edge is facing correct rotation.	
Material discharges from mower unevenly; bunches of material along with swath	Material too high and/or too much material	Reduce ground speed but maintain the recommended RPM at tractor PTO or make two passes over material. Raise mower for the first pass and lower to desired height for the second and cut a 90 degree angle to first pass	
Gearbox overheating	Low on lubricant	Fill to proper level	
	Improper type lubricant	Replace with proper lubricant	
	Excessive grass / debris build-up around gearbox	Remove grass, etc from machine	
Blade/bullets is scalping ground	Mower too low	Raise mower-reset wheels	
	Field is ridged	Cut field at a different angle	
	Field is too wet	Stop and wait until it is dried	
Mower will not cut.	Shear bolt sheared	Install new shear bolt	
Blades/bullets wear too fast	Cutting in sandy conditions	Increase cutting height	
	Cutting in rocky conditions	Increase cutting height	
	Blades hitting ground	Increase cutting height	
Mower seems to require excessive power	Advancing into grass too rapidly	Reduce forward travel speed	
	Hitting ground	Raise mower and reset wheels	
	Worn or dull blades	Sharpen or replace blades	
	Tractor not large enough	Use larger horsepower tractor	
Excessive vibration	Check gearbox bolts	Tighten if loose	
	Check for loose nuts on blades	Tighten if loose	
	Blade broken	Replace blades, in set	
	New blade or bolts matched with worn blade or bolts	Replace blades or bolts in sets	
	Drivelines not phased correctly. Implement and tractor yokes must be in line	Phase the driveline. Replace if necessary	
Noisy machine	Worn bearing	Replace bearings	
	Low oil in gearbox	Check level and add oil	
	Loose Parts	Check all bolts are fully tightened	
	Wrong PTO rpm rate	Check PTO rate & adjust as necessary	
	Rotors bent / broken	Replace bent or missing blades	
	Bent PTO shaft		Check PTO shafts are aligned correctly
			Check output shaft on gearboxes are not bent
		Check driveline between gearboxes is aligned.	

Gearbox leaking	Damaged oil seal	Replace seal
	Bent shaft	Replace oil seal and shaft
	Shaft rough in oil seal area	Replace or repair shaft
	Oil seal installed incorrectly	Replace seal
	Oil seal not sealing in the housing	Replace seal or use a sealant on outside diameter of seal
	Oil level too high	Drain oil to proper level
	Hole in gearbox	Replace the gearbox
	Gasket damaged	Replace gasket
	Bolts loose	Tighten bolts

Lubrication schedule

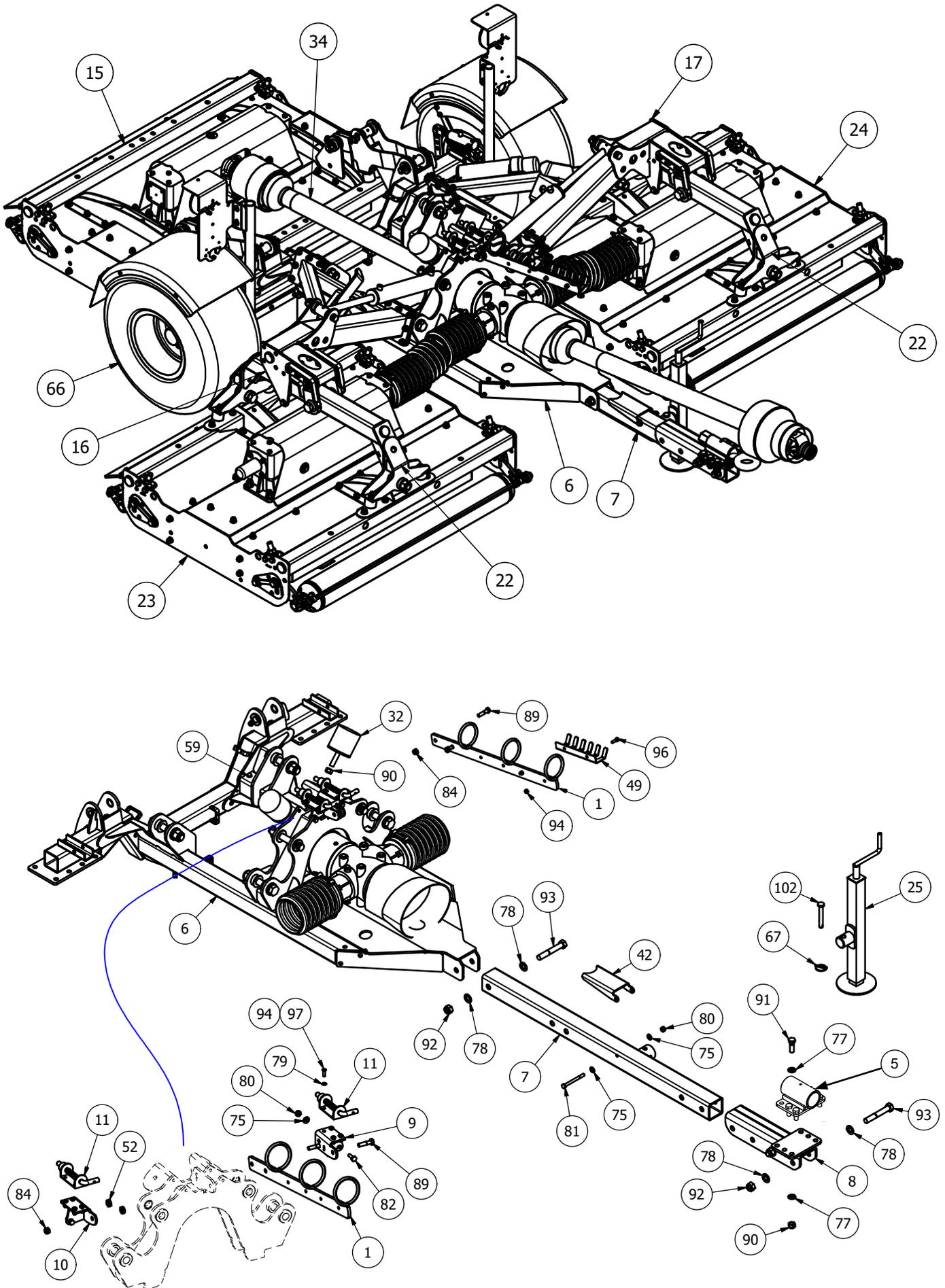
Use EP2 type grease or equivalent.

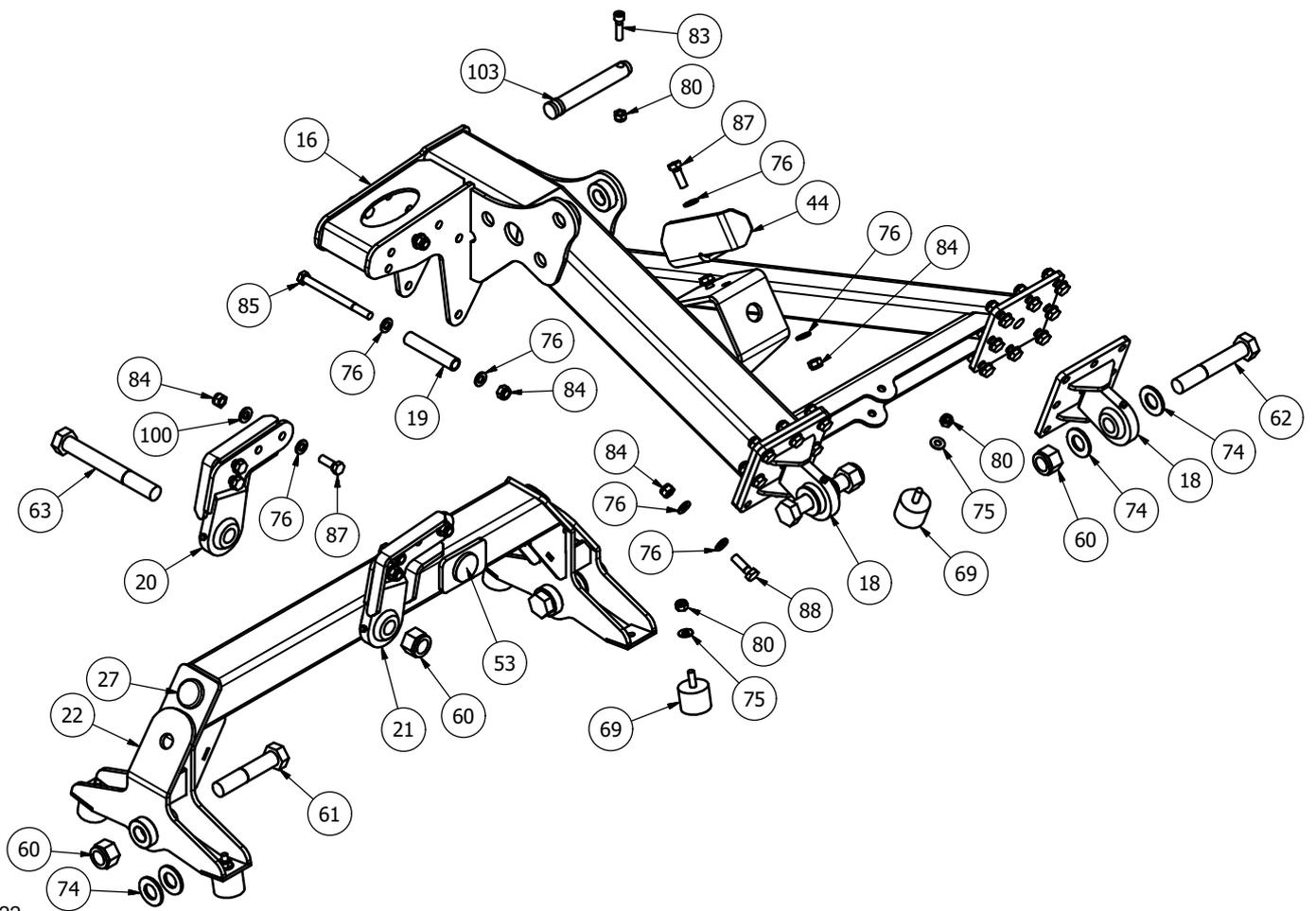
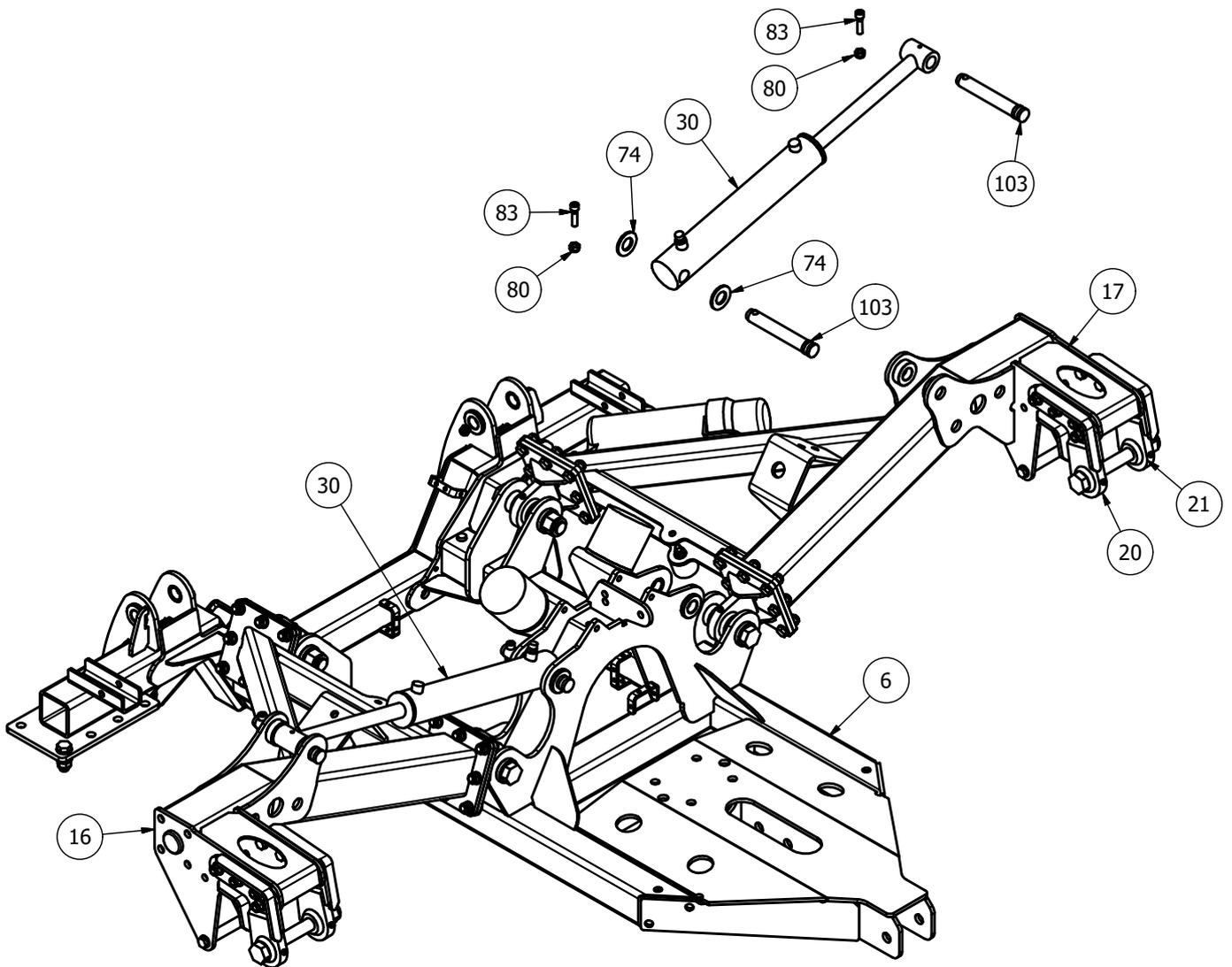
Use oil which conforms to 85W/140 standards.

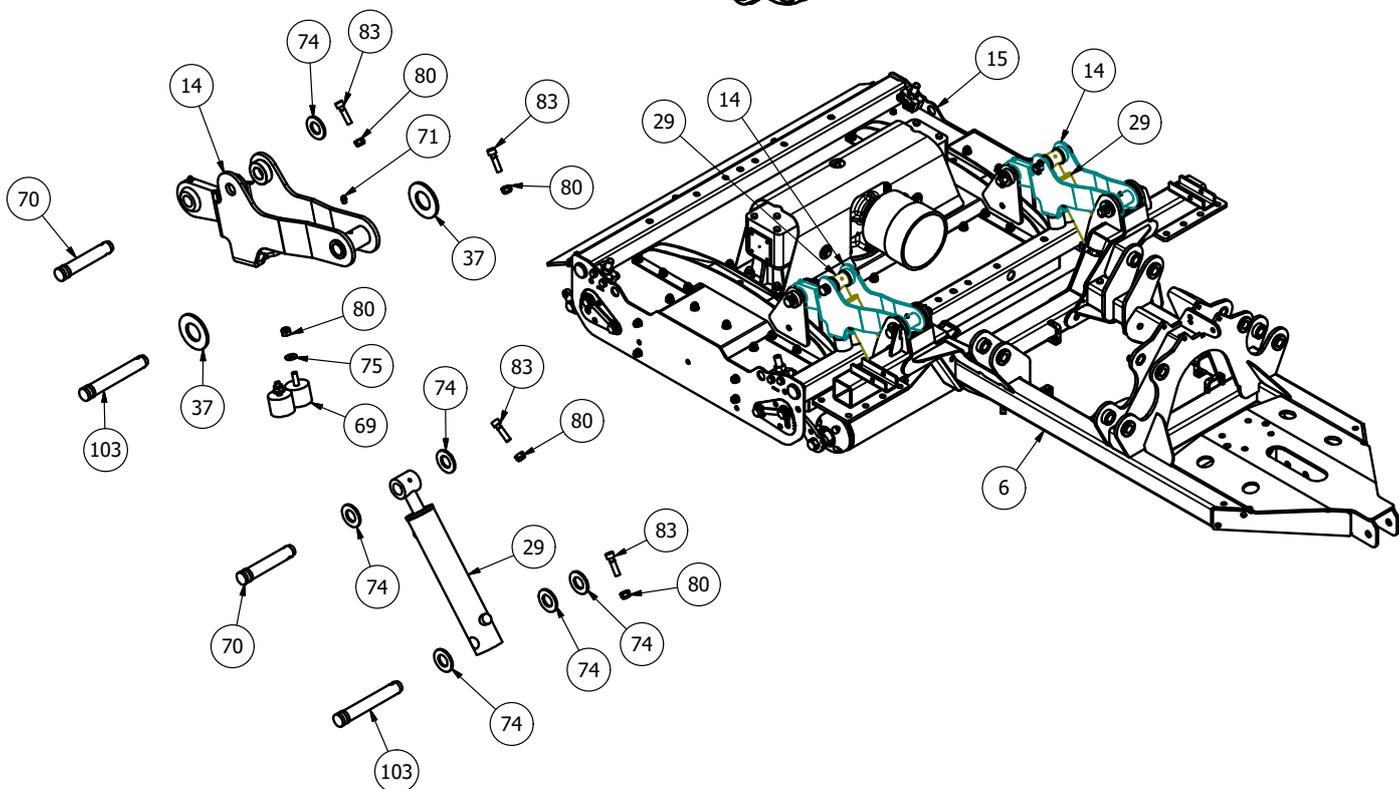
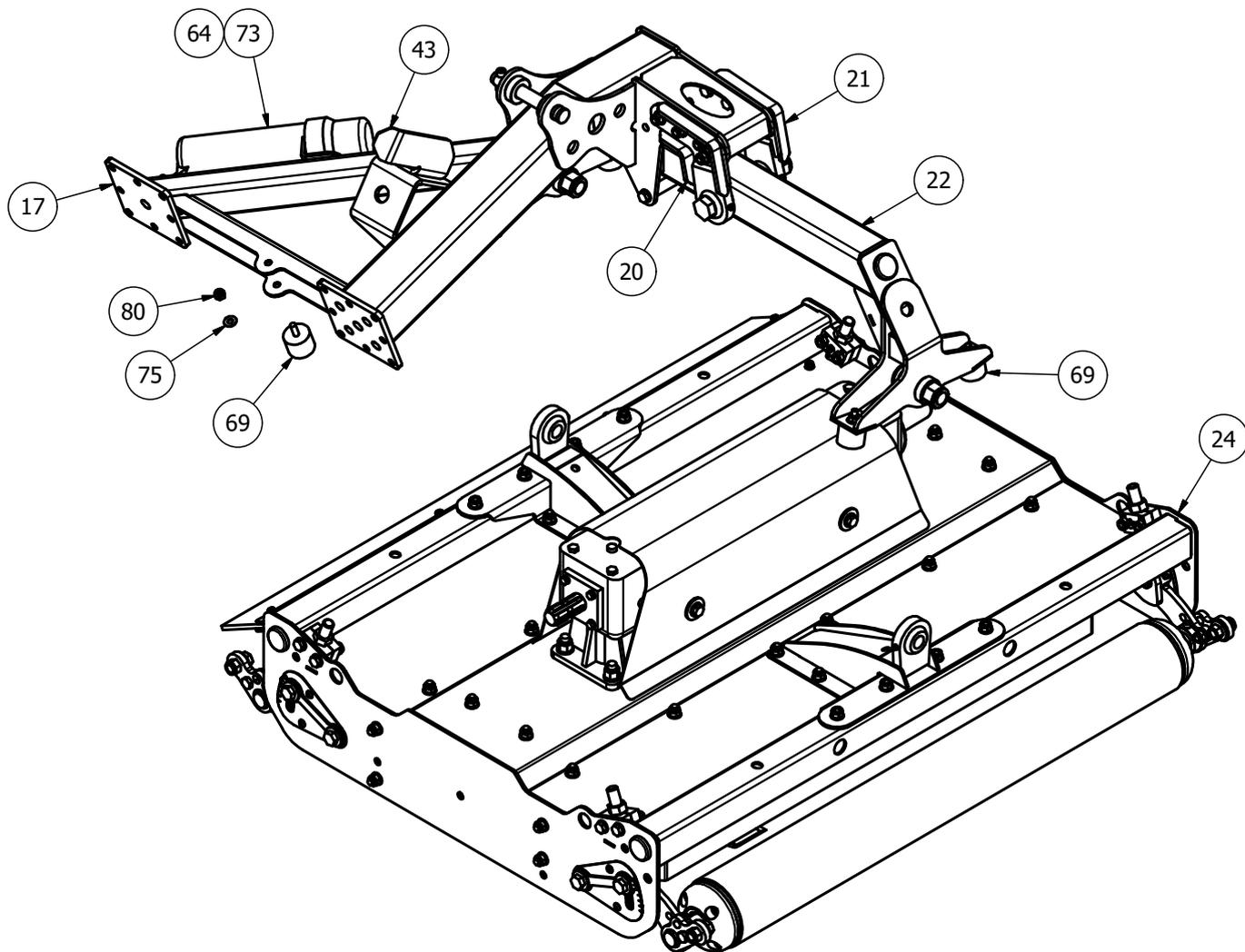
	Grease points	Initially	25 hours	80 hours	400 hours
PTO Shafts		●	●		
Roller height adjuster block	4x3			●	
Roller height adjuster rod	4x3			●	
Roller	2x6			●	
Drawbar hitch	1			●	
Rear deck pivot	4			●	
Wing arm pivot	2x2			●	
Wing hydraulic ram	1x2			●	
Wing pivot	2x2			●	
Wing tilt pivot	2x2			●	
Check oil levels in the gearboxes				●	
Replace oil in gearboxes					●

R126 Spare Parts

R126 General Assembly

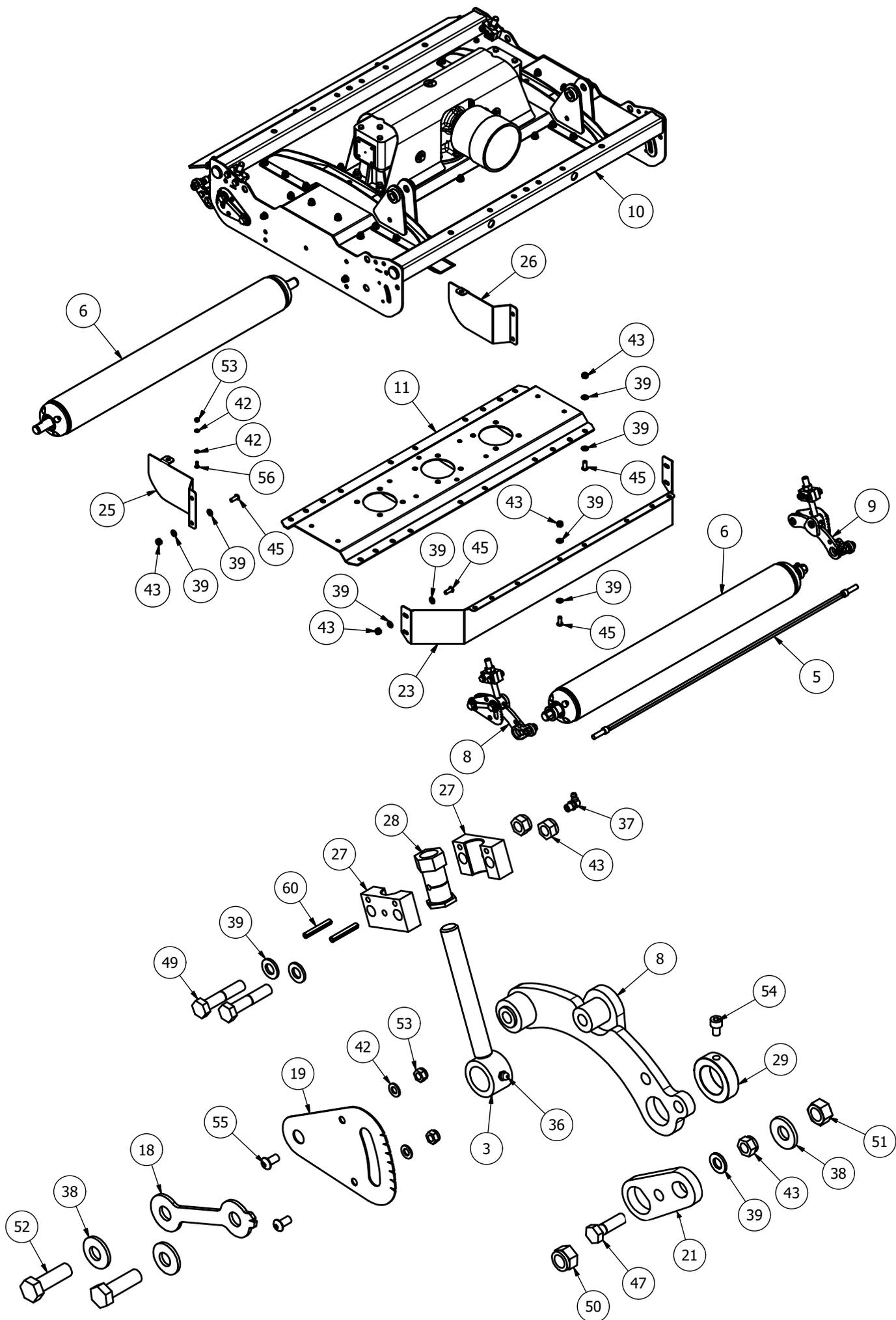






R126 General Assembly - Parts list

Item	Part No.	Description	Qty				
				56	68800078	PLASTIC GUARD COVER L250	1
1	68800210	CABLE LOCATION BAR	1	57	68800256	PLASTIC GUARD COVER L160	1
2	68800211	PTO GUARD	2	58	68800077	METAL GUARD BASE	2
3	68800525	STUB AXLE UNBRAKED	2	59	68800257	DIA 15-17mm INSERT	6
5	NO CODE	RHINO CLEVIS HITCH	1	60	331210C	1" FINE NYLOC NUT	10
6	68800215	CHASSIS	1	61	68800638	1"x5" FINE BOLT	4
7	68800216	DRAWBAR	1	62	68800640	1"x6" FINE BOLT	4
8	68800217	HITCH MOUNT	1	63	68800642	1"x8" FINE BOLT	2
9	68800218	LATCH MOUNT	1	64	68800666	SELF DRILL 6.3x22mm	4
10	68800219	LATCH MOUNT	1	65*	68800258	T278 RATIO 1.92 (278221)	1
11	68800220	SPRING LATCH	2	66	68800532	LG306 12PR TL 115A3 7x12	2
12	68800221	LIGHT MOUNT (RH)	1	67	68800664	LINCH PIN DIA 6	1
13	68800222	LIGHT MOUNT (LH)	1	68	00759276	5/8" FINE NYLOC NUT	4
14	68800223	REAR ARM	2	69	68800259	DIA 50x40xM10 BUFFER	16
15*	68800224	REAR DECK ASSEMBLY	1	70	68800260	CAT 2 PIN DIA 25.4x110mm	4
16	68800225	WING ARM (RH)	1	71	00762535	GREASE NIPPLE M8x1.25 STR	2
17	68800226	WING ARM (LH)	1	73	68800055	DOCUMENT HOLDER 350x85	1
18	68800227	CAT 2 EYE	4	74	15B1600	DIA 1" FLAT WASHER	35
19	68800228	ARM TIE BAR	2	75	701512C	M10 FLAT WASHER	18
20	68800229	WING PIVOT CAT 2 EYE	2	76	00766086	M12 FLAT WASHER	100
21	68800230	WING PIVOT CAT 2 EYE	2	77	701515C	M16 FLAT WASHER	44
22	68800231	WING ARM PIVOT	2	78	701517C	M20 FLAT WASHER	8
23*	68800232	WING ASSEMBLY (RH)	1	79	701511C	M8 FLAT WASHER	104
24*	68800233	WING ASSEMBLY (LH)	1	80	9163005	M10 NYLOC NUT	29
25	68800527	CONTOURA JACK	1	81	68800662	M10x110 BOLT	1
26	68800234	WHEEL MUDGUARD	2	82	68800660	M10x30 SET BOLT	2
27	68800028	DIA 38.3-42mm INSERT	6	83	68800665	M10x40mm SOCKET HEAD 12.9	12
28	68800528	LIGHT LOOM & REFLECTOR	1	84	9163006	M12 NYLOC NUT	60
29	68800235	REAR DECK RAM	2	85	68800654	M12x150 BOLT	2
30	68800236	CONTOURA WING RAM	2	86	68800620	M12x25 SOCKET BUTTON HEAD 10.9	4
31	68800237	AXLE RUBBER	2	87	68800651	M12x35 BOLT	20
32	68800238	DIA 100x100 BUFFER	2	88	68800624	M12x40 BOLT	32
33*	68800239	CLAMP COLLAR PTO	2	89	68800652	M12x50 BOLT	2
34*	68800296	COLLAR-COLLAR PTO	1	90	68800206	M16 NYLOC NUT	24
35	68800241	MUD FLAP	2	91	68800656	M16x50 BOLT	22
36*	68800209	WIDE ANGLE 2480 SBOR	1	92	700331C	M20 NYLOC NUT	4
37	68800243	SPACER 80x40x5	4	93	68800626	M20x130 BOLT	4
38	68800244	GUARD CLAMP	2	94	9163004	M8 NYLOC NUT	46
39	68800245	MUDGUARD MOUNT	2	95	68800630	M8x16 SET BOLT	16
40	68800246	MUD FLAP CLAMP	2	96	68800648	M8x25 BOLT	2
41	68800247	MUD FLAP CLAMP	2	97	68800633	M8x25 SOCKET BUTTON HEAD 10.9	30
42	68800248	PTO STAND	1	98	68800634	M8x30 SOCKET BUTTON HEAD 10.9	8
43	68800249	LATCH STRIKER	1	99	68800635	M8x35 SOCKET BUTTON HEAD 10.9	6
44	68800250	LATCH STRIKER	1	100	68800636	M12 SP NORDLOCK	16
45	68800251	MUDGUARD MOUNT	2	101	68800637	M16 SP NORDLOCK	4
46	68800252	MUDGUARD MOUNT	2	102	68800184	CAT 0 PIN DIA 16x97mm	1
47	68800529	MUDGUARD MOUNT	1	103	68800534	CAT 2 PIN DIA 25.4x142mm	8
48	68800530	MUDGUARD MOUNT	1	104	68800262	FLEXIBLE WS PTO GUARD	2
49	68800253	CABLE MOUNT	1	105	68800263	PLASTIC WS PTO GUARD	2
50	68800179	LGP LIGHT BRACKET (LH)	1	104&105*	NO CODE	COVER COMPLETE (incl. 3 PARTS)	2
51	68800180	LGP LIGHT BRACKET (RH)	1	* - further details provided			
52	68800254	BLADE BACK SPACER	2				
53	68800255	WEAR SLIDE	4				
54	68800531	T278 G/BOX STUD	4				
55	68800309	HOSE CLIP 149-161	2				

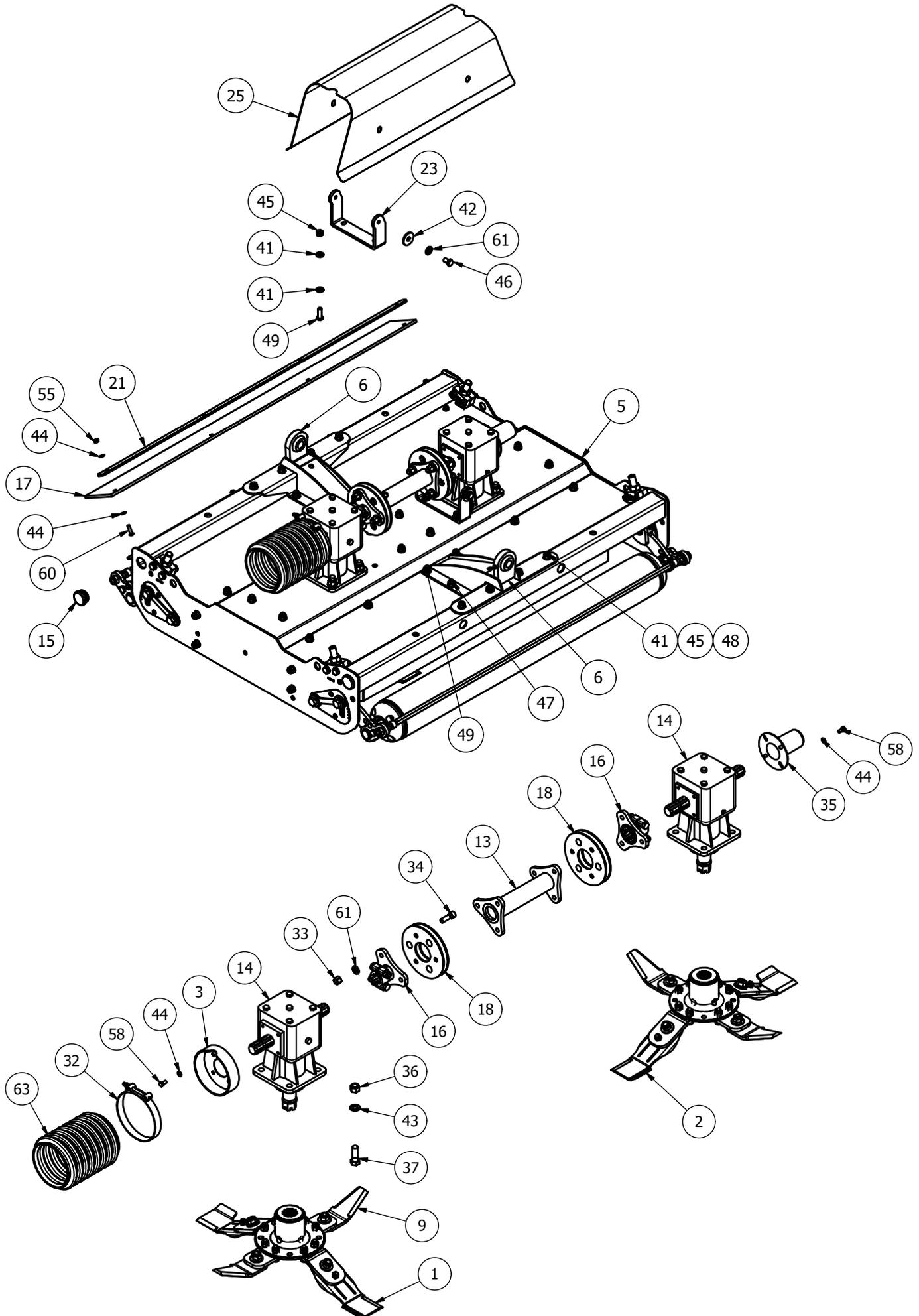


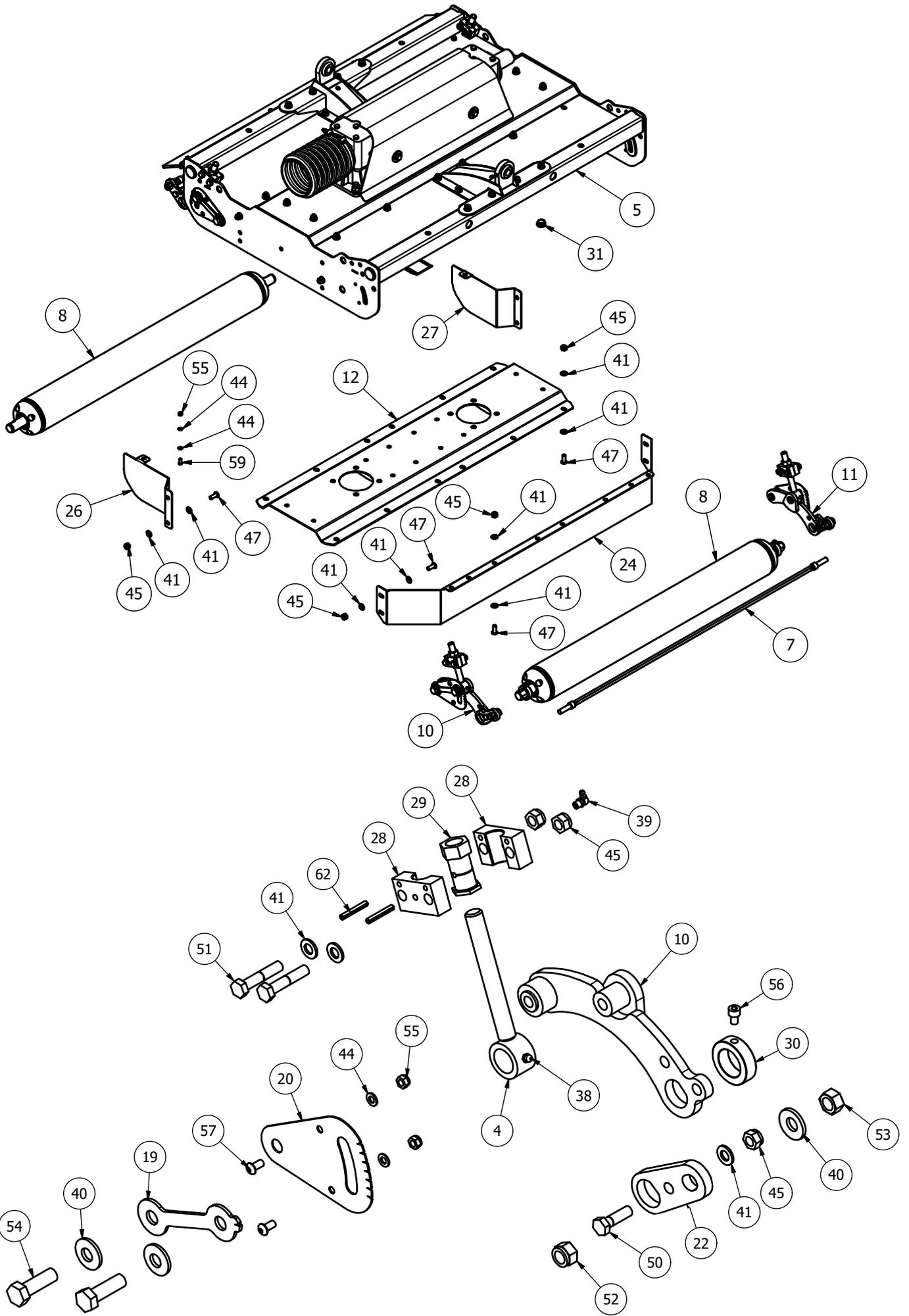
R126 Rear deck (68800224) - Parts list

Item	Part No.	Description	Qty
1*	68800008	DIA 725 BLADE Anti_Clk	1
2*	68800009	DIA 725 BLADE Clk	1
3	68800264	M20 THREADED ADJUSTER	4
4	68800265	REAR DECK PIVOT MOUNT	2
5	68800266	360 WING SCRAPER BAR	2
6*	68800267	16ft TDR ROLLER	2
7*	68800268	OVERLAP BLADE KIT	2
8	68800017	ROLLER PIVOT	2
9	68800018	ROLLER PIVOT	2
10	68800269	REAR DECK	1
11	68800270	REAR UNDERSIDE TROUGH	1
12*	68800271	6 SPLINE 'L' BOX 1.92 (205872-S)	2
13	68800028	DIA 38.3-42mm INSERT	4
14	68800029	6 SPLINE STAR DRIVE	4
15*	68800030	6 SPLINE 'T' BOX 1:1.9 3way	1
16	68800272	WING RUBBER FLAP	1
17	68800120	23mm COUPLING 40 SHORE	2
18	68800037	HEIGHT INDICATOR	4
19	68800274	HEIGHT GUIDE	4
20	68800275	WING RUBBER CLAMP	1
21	68800039	SOCKET HEAD SCRAPER MOUNT	4
22	68800276	GUARD BASE MOUNT	2
23	68800277	AERO-FOIL	1
24	68800278	REAR COVER	1
25	68800087	REAR DEFLECTOR (RH)	1
26	68800069	REAR DEFLECTOR (LH)	1
27	68800049	HEIGHT PIVOT BLOCK	8
28	68800050	M20 HEX ADJUSTER	4
29	68800051	SHAFT COLLAR DIA 35	4
30	68800616	1/2HEX10.9	12
31	68800601	1/2"x1 1/2" FINE SOCKET HEAD 12.9	12
32	68800256	PLASTIC GUARD COVER	1
33	68800077	METAL GUARD BASE	1
34	00759276	5/8" FINE NYLOC NUT	12
35	68800617	5/8"x2" FINE BOLT	12
36	00762535	GREASE NIPPLE M8x1.25 STR	4
37	68800603	GREASE NIPPLE M8x90x1.25P	4
38	68800054	DISC SPRING 39x17x4 (YELLOW)	12
39	00766086	M12 FLAT WASHER	128
40	68800670	M12 FLAT WASHER (EX-LARGE)	4
41	701515C	M16 FLAT WASHER	12
42	701511C	M8 FLAT WASHER	24
43	9163006	M12 NYLOC NUT	70
44	68800619	M12x20 SET BOLT	4
45	68800609	M12x30 SOCKET BUTTON HEAD 10.9	40
46	68800610	M12x35 SOCKET BUTTON HEAD 10.9	16
47	68800624	M12x40 BOLT	4
48	68800621	M12x40 SOCKET BUTTON HEAD 10.9	2
49	00775384	M12x60 BOLT	8
50	68800206	M16 NYLOC NUT	4
51	68800606	M16 PLAIN NUT	4
52	02957275	M16x50 SET BOLT	8
53	9163004	M8 NYLOC NUT	14
54	68800536	M8x12mm SOCKET HEAD 12.9	4
55	68800614	M8x16 SOCKET BUTTON HEAD 10.9	8
56	68800631	M8x20 SOCKET BUTTON HEAD 10.9	2
57	68800632	M8x25 SET BOLT	4
58	68800634	M8x30 SOCKET BUTTON HEAD 10.9	4
59	68800636	M12 SP NORDLOCK	16
60	68800604	ROLL PIN DIA 6x40	8

* - further details provided

R126 Left wing (68800233)



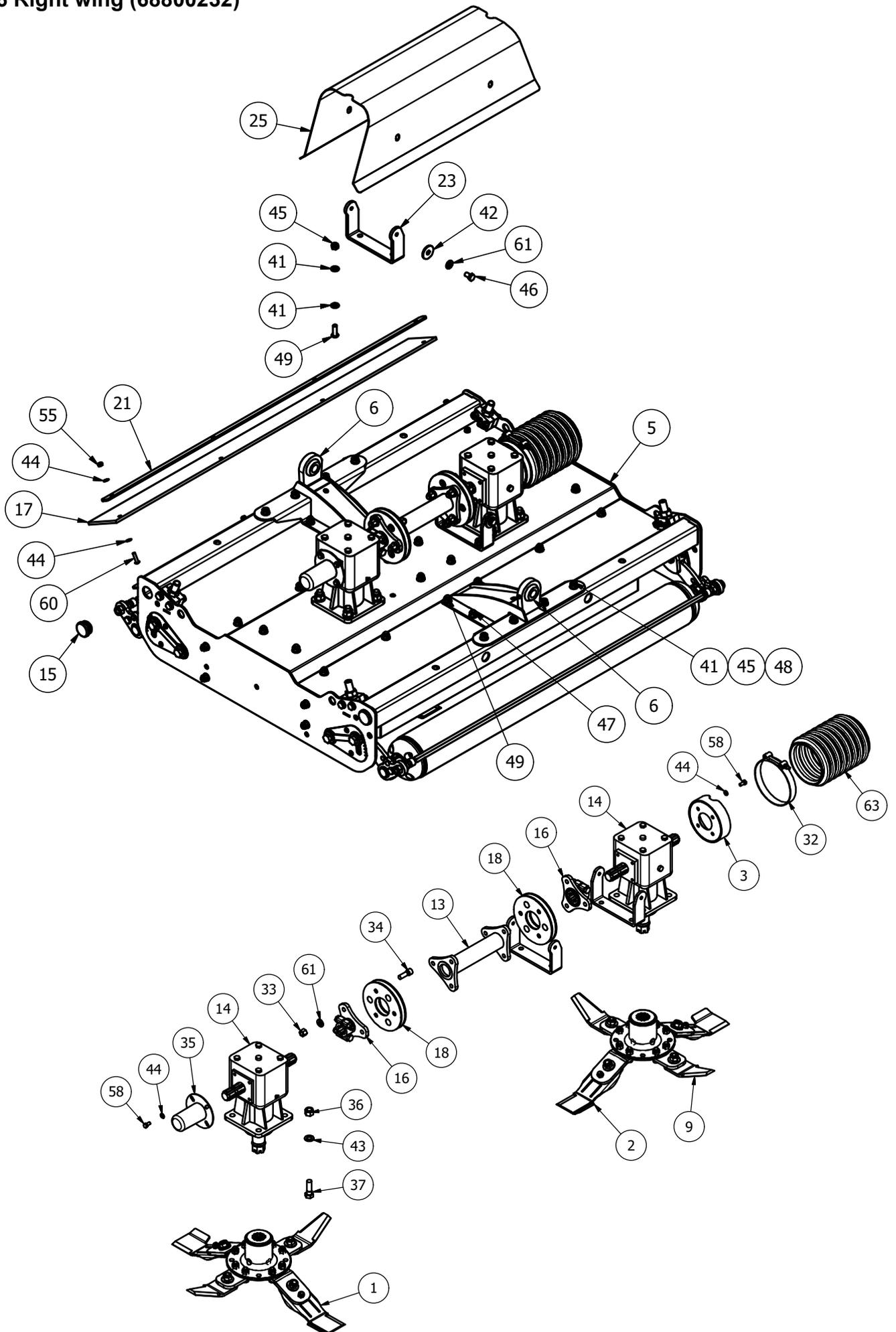


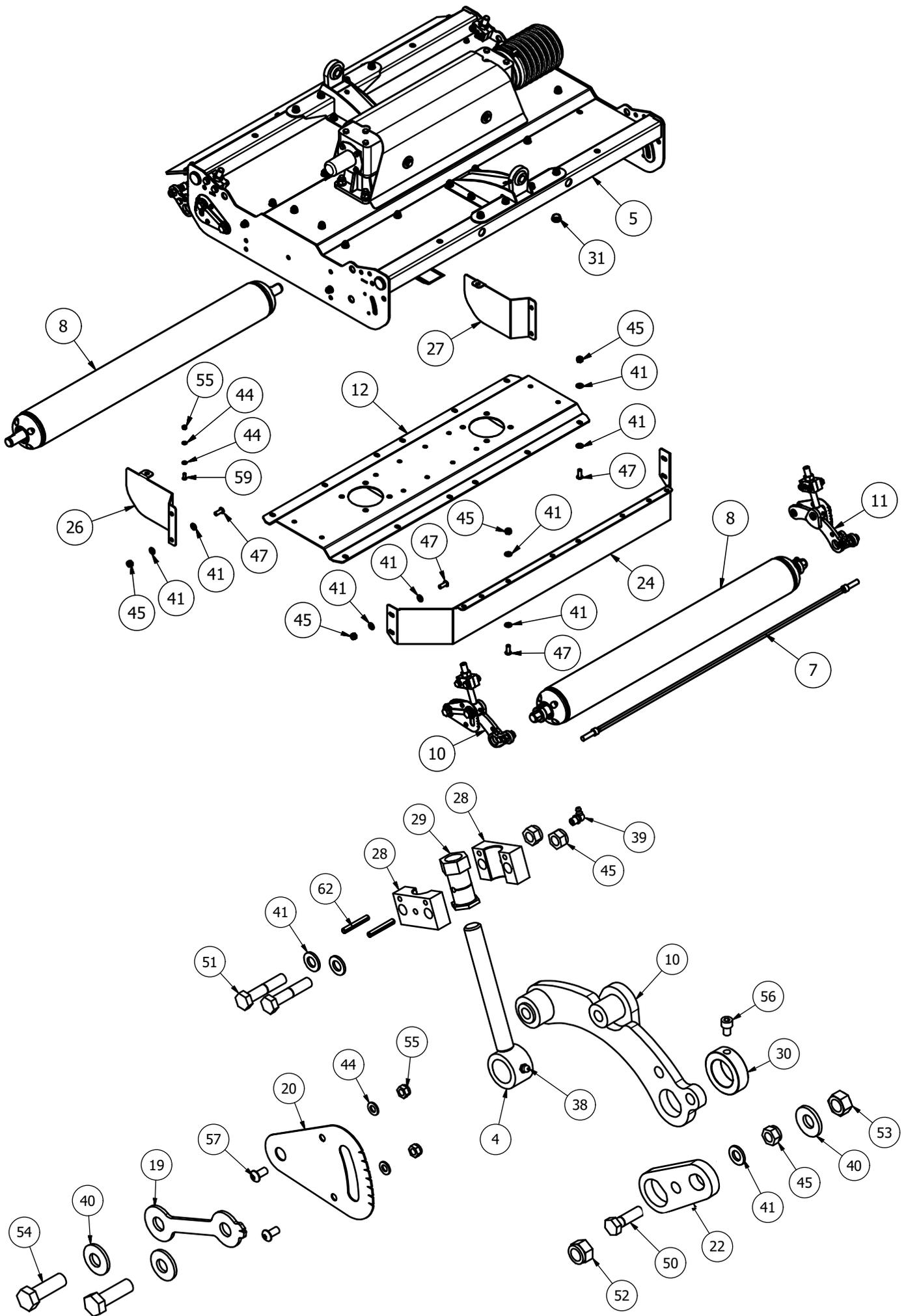
R126 Left wing (68800233) - Parts list

Item	Part No.	Description	Qty
1*	68800008	DIA 725 BLADE Anti_Clk	1
2*	68800009	DIA 725 BLADE Clk	1
3	68800211	PTO GUARD	1
4	68800264	M20 THREADED ADJUSTER	4
5	68800279	WING DECK	1
6	68800280	WING PIVOT MOUNT	2
7	68800266	360 WING SCRAPER BAR	2
8*	68800267	16ft TDR ROLLER	2
9*	68800268	OVERLAP BLADE KIT	2
10	68800017	ROLLER PIVOT	2
11	68800018	ROLLER PIVOT	2
12	68800281	WING UNDERSIDE TROUGH	1
13	68800103	254mm DRIVE	1
14*	68800027	6 SPLINE 'T' BOX RATIO 1.92 (205874)	2
15	68800028	DIA 38.3-42mm INSERT	4
16	68800065	60mm STAR DRIVE	2
17	68800272	WING RUBBER FLAP	1
18	68800120	23mm COUPLING 40 SHORE	2
19	68800037	HEIGHT INDICATOR	4
20	68800274	HEIGHT GUIDE	4
21	68800275	WING RUBBER CLAMP	1
22	68800039	SOCKET HEAD SCRAPER MOUNT	4
23	68800276	GUARD BASE MOUNT	2
24	68800277	AERO-FOIL	1
25	68800282	WING COVER	1
26	68800087	REAR DEFLECTOR (RH)	1
27	68800069	REAR DEFLECTOR (LH)	1
28	68800049	HEIGHT PIVOT BLOCK	8
29	68800050	M20 HEX ADJUSTER	4
30	68800051	SHAFT COLLAR DIA 35	4
31	68800052	DIA 26-30mm INSERT	8
32	68800309	HOSE CLIP 149-161	1
33	68800616	1/2HEX10.9	12
34	68800601	1/2"x1 1/2" FINE SOCKET HEAD 12.9	12
35	68800079	PTO HAT	1
36	00759276	5/8" FINE NYLOC NUT	8
37	68800617	5/8"x2" FINE BOLT	8
38	00762535	GREASE NIPPLE M8x1.25 STR	4
39	68800603	GREASE NIPPLE M8x90x1.25P	4
40	68800054	DISC SPRING 39x17x4 (YELLOW)	12
41	00766086	M12 FLAT WASHER	116
42	68800670	M12 FLAT WASHER (EX-LARGE)	4
43	701515C	M16 FLAT WASHER	8
44	701511C	M8 FLAT WASHER	28
45	9163006	M12 NYLOC NUT	64
46	68800619	M12x20 SET BOLT	4
47	68800609	M12x30 SOCKET BUTTON HEAD 10.9	32
48	68800605	M12x30 SOCKET HEAD SCREW	8
49	68800610	M12x35 SOCKET BUTTON HEAD 10.9	12
50	68800624	M12x40 BOLT	4
51	00775384	M12x60 BOLT	8
52	68800206	M16 NYLOC NUT	4
53	68800606	M16 PLAIN NUT	4
54	02957275	M16x50 SET BOLT	8
55	9163004	M8 NYLOC NUT	14
56	68800536	M8x12mm SOCKET HEAD 12.9	4
57	68800614	M8x16 SOCKET BUTTON HEAD 10.9	8
58	68800630	M8x16 SET BOLT	8
59	68800631	M8x20 SOCKET BUTTON HEAD 10.9	2
60	68800634	M8x30 SOCKET BUTTON HEAD 10.9	4
61	68800636	M12 SP NORDLOCK	16
62	68800604	ROLL PIN DIA 6x40	8
63	68800262	FLEXABLE WS PTO GUARD	1

* - further details provided

R126 Right wing (68800232)



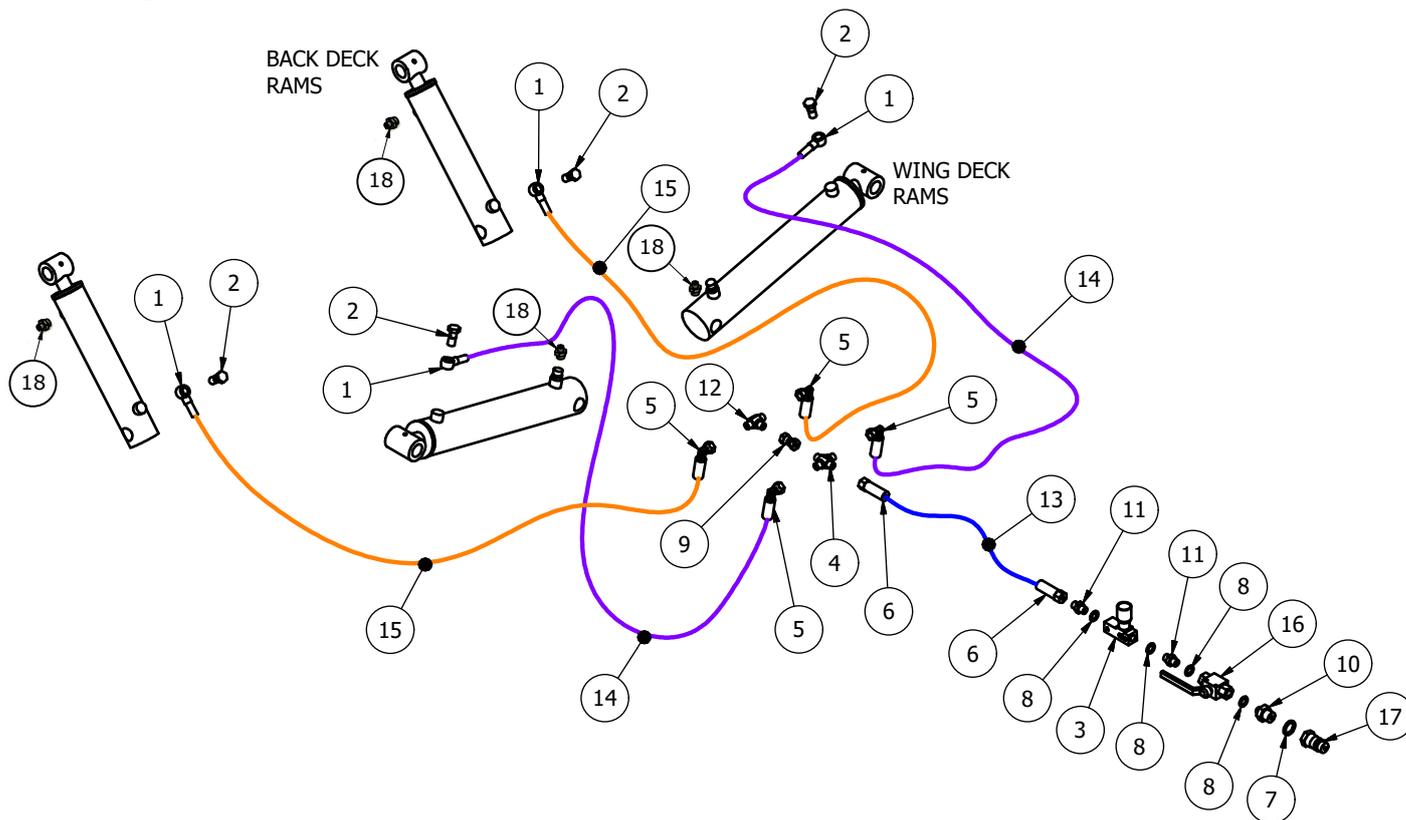


R126 Right wing (68800232) - Parts list

Item	Part No.	Description	Qty
1*	68800008	DIA 725 BLADE Anti_Clk	1
2*	68800009	DIA 725 BLADE Clk	1
3	68800211	PTO GUARD	1
4	68800264	M20 THREADED ADJUSTER	4
5	68800279	WING DECK	1
6	68800280	WING PIVOT MOUNT	2
7	68800266	360 WING SCRAPER BAR	2
8*	68800267	16ft TDR ROLLER	2
9*	68800268	OVERLAP BLADE KIT	2
10	68800017	ROLLER PIVOT	2
11	68800018	ROLLER PIVOT	2
12	68800281	WING UNDERSIDE TROUGH	1
13	68800103	254mm DRIVE	1
14*	68800027	6 SPLINE 'T' BOX RATIO 1.92 (205874)	2
15	68800028	DIA 38.3-42mm INSERT	4
16	68800066	6 SPLINE 50mm DRIVE	2
17	68800272	WING RUBBER FLAP	1
18	68800120	23mm COUPLING 40 SHORE	2
19	68800037	HEIGHT INDICATOR	4
20	68800274	HEIGHT GUIDE	4
21	68800275	WING RUBBER CLAMP	1
22	68800039	SOCKET HEAD SCRAPER MOUNT	4
23	68800276	GUARD BASE MOUNT	2
24	68800277	AERO-FOIL	1
25	68800282	WING COVER	1
26	68800087	REAR DEFLECTOR (RH)	1
27	68800069	REAR DEFLECTOR (LH)	1
28	68800049	HEIGHT PIVOT BLOCK	8
29	68800050	M20 HEX ADJUSTER	4
30	68800051	SHAFT COLLAR DIA 35	4
31	68800052	DIA 26-30mm INSERT	8
32	68800309	HOSE CLIP 149-161	1
33	68800616	1/2HEX10.9	12
34	68800601	1/2"x1 1/2" FINE SOCKET HEAD 12.9	12
35	68800079	PTO HAT	1
36	00759276	5/8" FINE NYLOC NUT	8
37	68800617	5/8"x2" FINE BOLT	8
38	00762535	GREASE NIPPLE M8x1.25 STR	4
39	68800603	GREASE NIPPLE M8x90x1.25P	4
40	68800054	DISC SPRING 39x17x4 (YELLOW)	12
41	00766086	M12 FLAT WASHER	116
42	68800670	M12 FLAT WASHER (EX-LARGE)	4
43	701515C	M16 FLAT WASHER	8
44	701511C	M8 FLAT WASHER	28
45	9163006	M12 NYLOC NUT	64
46	68800619	M12x20 SET BOLT	4
47	68800609	M12x30 SOCKET BUTTON HEAD 10.9	32
48	68800605	M12x30 SOCKET HEAD SCREW	8
49	68800610	M12x35 SOCKET BUTTON HEAD 10.9	12
50	68800624	M12x40 BOLT	4
51	00775384	M12x60 BOLT	8
52	68800206	M16 NYLOC NUT	4
53	68800606	M16 PLAIN NUT	4
54	02957275	M16x50 SET BOLT	8
55	9163004	M8 NYLOC NUT	14
56	68800536	M8x12mm SOCKET HEAD 12.9	4
57	68800614	M8x16 SOCKET BUTTON HEAD 10.9	8
58	68800630	M8x16 SET BOLT	8
59	68800631	M8x20 SOCKET BUTTON HEAD 10.9	2
60	68800634	M8x30 SOCKET BUTTON HEAD 10.9	4
61	68800636	M12 SP NORDLOCK	16
62	68800604	ROLL PIN DIA 6x40	8
63	68800262	FLEXABLE WS PTO GUARD	1

* - further details provided

R126 Hydraulics



Item	Part No.	Description	Qty
1	68800284	1/4" BANJO BOLT INSERT	4
2	68800285	1/4" BANJO BOLT	4
3	68800139	1/4" RESTRICTOR (BLACK) 204010V	1
4	68800140	1/4" M/M/M/M CONNECTOR	1
5	68800142	1/4" CRIMP BLOCK 90	4
6	68800143	1/4" CRIMP (STRAIGHT)	2
7	68800144	1/2" DOWTY WASHER	1
8	68800145	1/4" DOWTY WASHER	4
9	68800286	1/4" F/F CONNECTOR	1
10	68800147	1/2"-1/4" M/M CONNECTOR	1
11	68800148	1/4" M/M CONNECTOR	2
12	68800150	1/4" M/M/M CONNECTOR	1
13	68800287	1/4" x 3000mm Str to Str	1
14	68800288	1/4" x 900mm Block 90 to Block 90	2
15	68800289	1/4" x 1530mm Block 90 to Block 90	2
16	68800535	1/4" HYDRAULIC BALL VALVE	1
17	68800151	1/2" QUICK RELEASE MALE	1
18	68800141	1/4" BREATHER	4

Hydraulic Ram spares

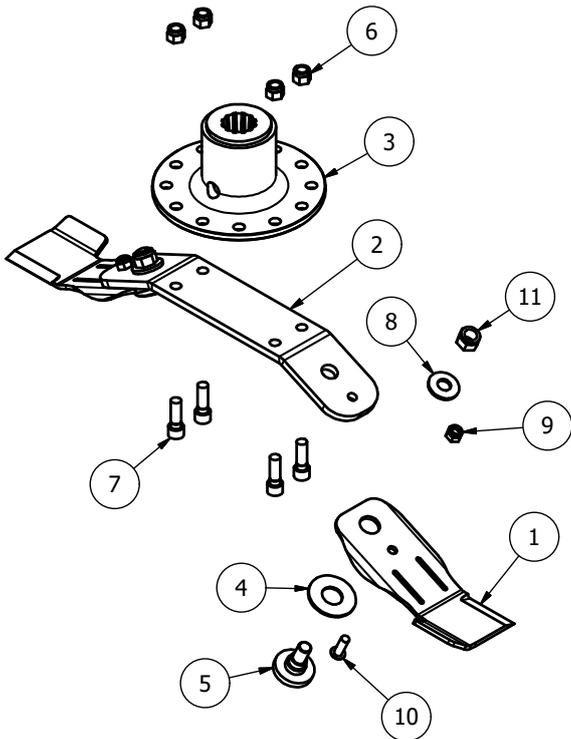
Item	Part No.	Description	Qty
	68800294	SEAL KIT FOR MJ365-RDR	
	68800295	SEAL KIT FOR MJ365-WR	

NOTE:

Threads on the hydraulic fittings are BSPP.
BSPP - British Standard Parallel Pipe

Hydraulic rams part numbers are provided on the assembly drawings.

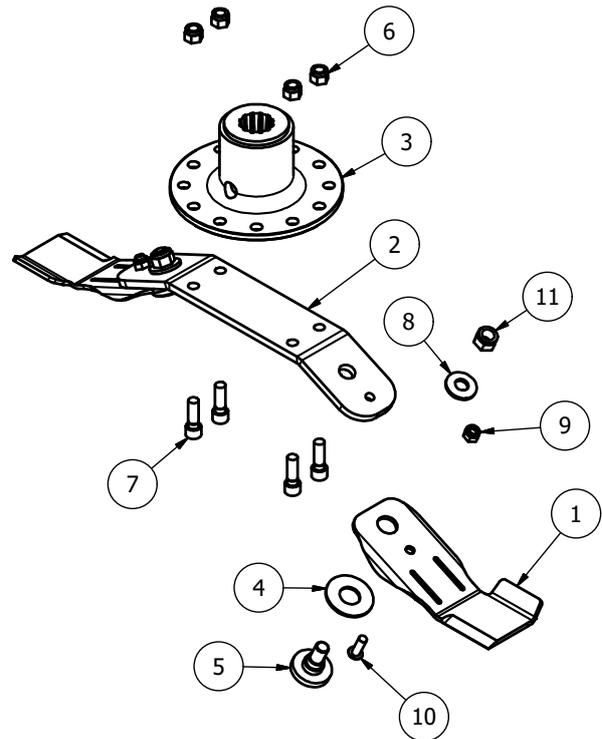
Blades
6880008



Item	Part No.	Description	Qty
1	68800129	BLADE 250xDia 25 (Anti-Clk)	2
2	68800131	BLADE BACK (315 CTR 25 deg)	1
3	68800132	J205 G/BOX BLADE MOUNT	1
4	68800197	DISC SPRING 50x25.4x2	2
5	68800133	THREADED BLADE SUPPORT	2
6	68800602	1/2" FINE NYLOC NUT	4
7	68800601	1/2"x1 1/2" FINE SOCKET HEAD 12.9	4
8	68800054	DISC SPRING 39x17x4 (YELLOW)	2
9	9163005	M10 NYLOC NUT	2
10	68800600	M10x30 SOCKET BUTTON HEAD 10.9	2
11	68800206	M16 NYLOC NUT	2

R126 3 off

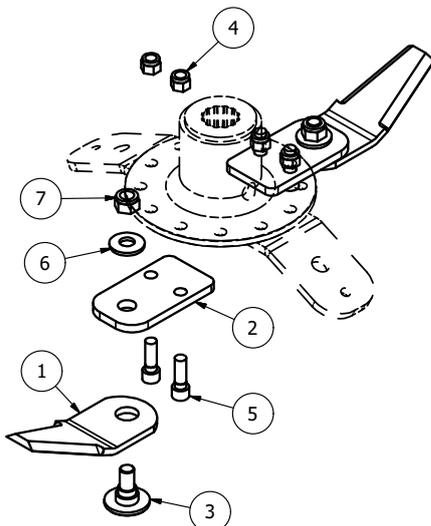
6880009



Item	Part No.	Description	Qty
1	68800130	BLADE 250xDia 25 (Clk)	2
2	68800131	BLADE BACK (315 CTR 25 deg)	1
3	68800132	J205 G/BOX BLADE MOUNT	1
4	68800197	DISC SPRING 50x25.4x2	2
5	68800133	THREADED BLADE SUPPORT	2
6	68800602	1/2" FINE NYLOC NUT	4
7	68800601	1/2"x1 1/2" FINE SOCKET HEAD 12.9	4
8	68800054	DISC SPRING 39x17x4 (YELLOW)	2
9	9163005	M10 NYLOC NUT	2
10	68800600	M10x30 SOCKET BUTTON HEAD 10.9	2
11	68800206	M16 NYLOC NUT	2

R126 3 off

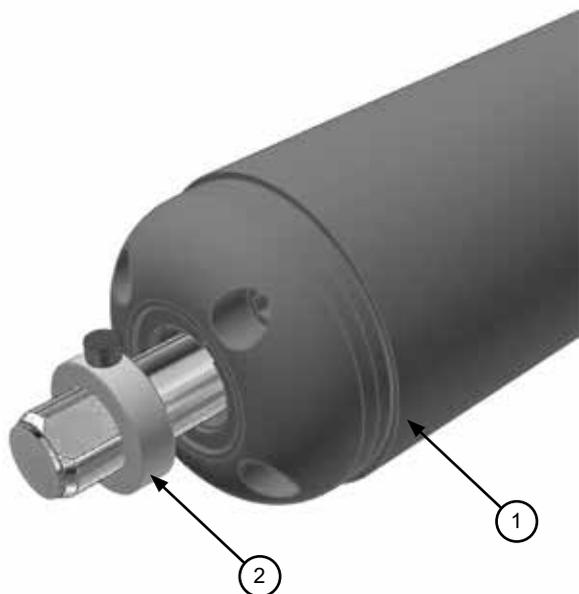
68800268



Item	Part No.	Description	Qty
1	68800292	OVERLAP FOR BLADE 250xDia 25	2
2	68800293	OVERLAP MOUNT	2
3	68800133	THREADED BLADE SUPPORT	2
4	68800602	1/2" FINE NYLOC NUT	4
5	68800601	1/2"x1 1/2" FINE SOCKET HEAD 12.9	4
6	68800054	DISC SPRING 39x17x4 (YELLOW)	2
7	68800206	M16 NYLOC NUT	2

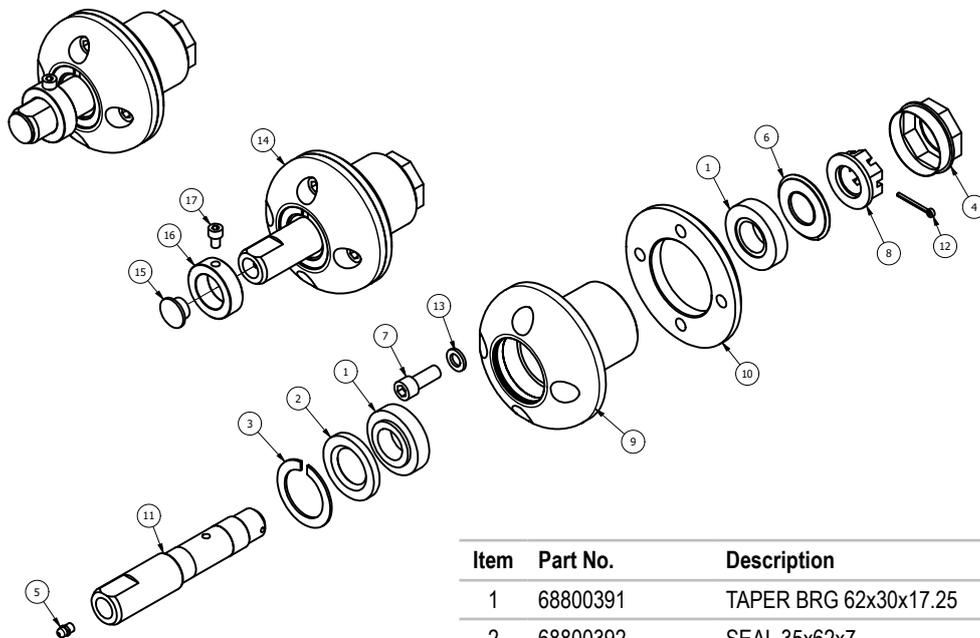
R126 6 off

R126 Rollers



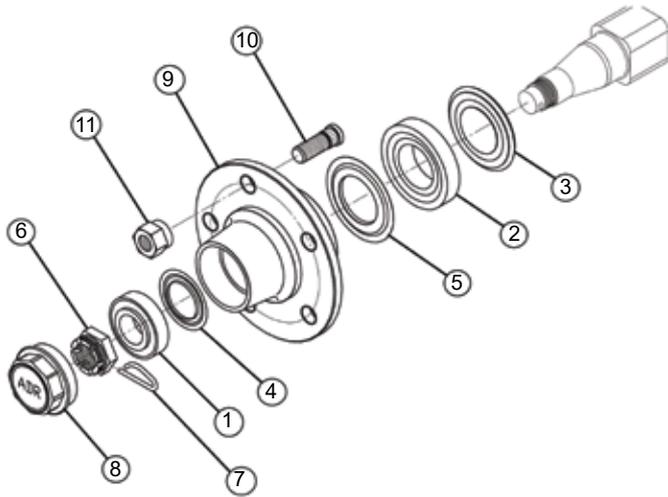
Item	Part No.	Description	Qty
1	68800267	Roller	6 per R126
2	68800051	Collar 35mm c/w bolt	2 per roller

Roller End - Parts List 68800134



Item	Part No.	Description	Qty
1	68800391	TAPER BRG 62x30x17.25	2
2	68800392	SEAL 35x62x7	1
3	68800393	DIA 62 INT CIRCLIP	1
4	68800453	DUST CAP DIA 62mm	1
5	762535	GREASE NIPPLE M8x1.25 STR	1
6	68800394	WIPE SEAL	1
7	68800605	M12x30 SOCKET HEAD SCREW	4
8	68800135	NUT-WASHER WELDMENT	1
9	RI-2250-RI	ROLLER END HOUSING	1
10	RI-2251-RI	ROLLER END PLATE	1
11	68800138	ROLLER END SHAFT	1
12	00000400	SPLIT PIN 1/8"x1 1/2"	1
13	00762420	M12 SPRING WASHER	4
14	68800134	ROLLER END (TAPER BRG)	1
15	68800454	DIA 20mm INSERT	1
16	68800051	SHAFT COLLAR DIA 35	1
17	68800536	M8x12mm SOCKET HEAD 12.9	1

50 SQ 5 Stud unbraked axle stub Wheel kit hub



Item	Part No	Description
1	3666001	Bearing 30206
2	00755615	Bearing 30209
3	68800552	Oil seal
4	N/A	Nilos 30206
5	N/A	Nilos 30209
6	68800518	Crown nut
7	68800519	Spring pin
8	68800520	Cap
9	68800521	Hub
10	68800522	Stud
11	68800523	Nut

Note:

Items 4 and 5 are not fitted to the hubs with grease nipples.

Bearing Kit

Part No	Description
BK20050	68800524
Includes:	
30206 bearing	3666001
30209 bearing	00755615
45X85 seal	68800552

Accessories

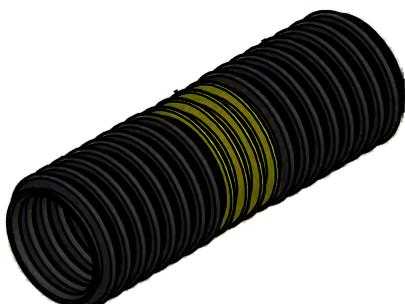


Item	Part No.	Description
1	68800189	Height adjustment wrench
2	68800190	Height adjustment socket
3	68800191	Oil dip stick
4	68800192	Gearbox breather socket
5	68800193	Tommy bar

R126 Shafts

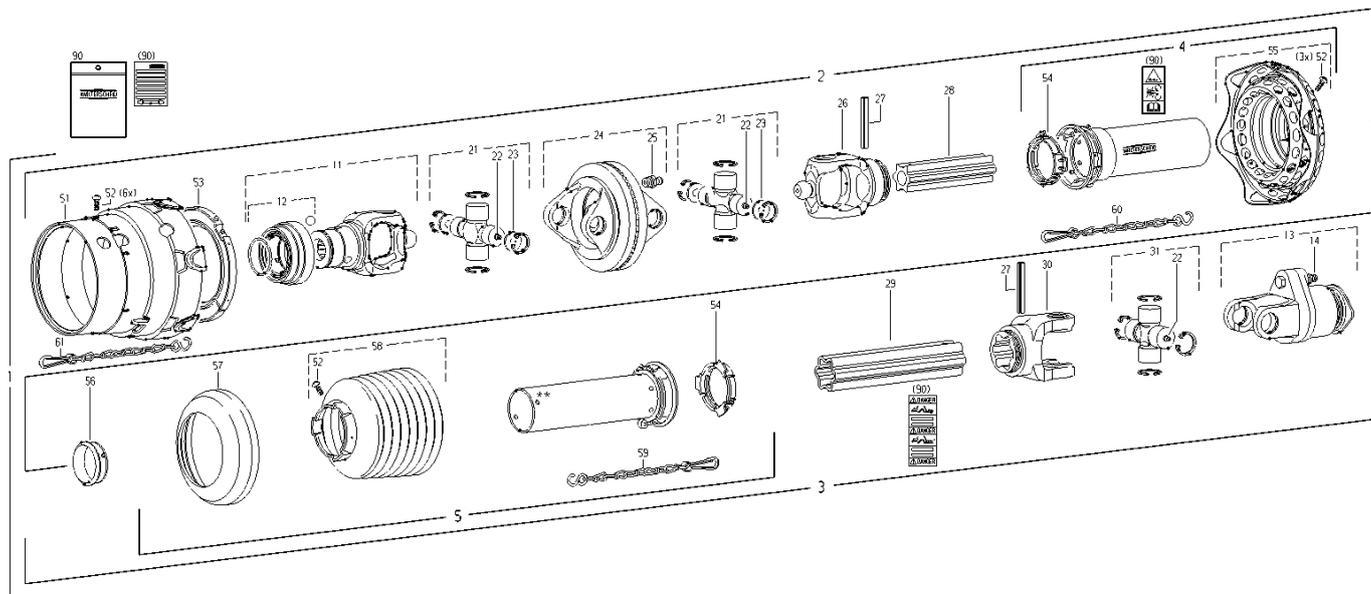
Item	Part No.	Description	Qty	Location
1	68800296	COLLAR-COLLAR PTO	1	Rear deck input shaft
2	68800209	WIDE ANGLE 2480 SBOR	1	Tractor input shaft
3	68800239	CLAMP COLLAR PTO	2	Wing shaft

Wing shaft guard 68800283



2 covers per machine

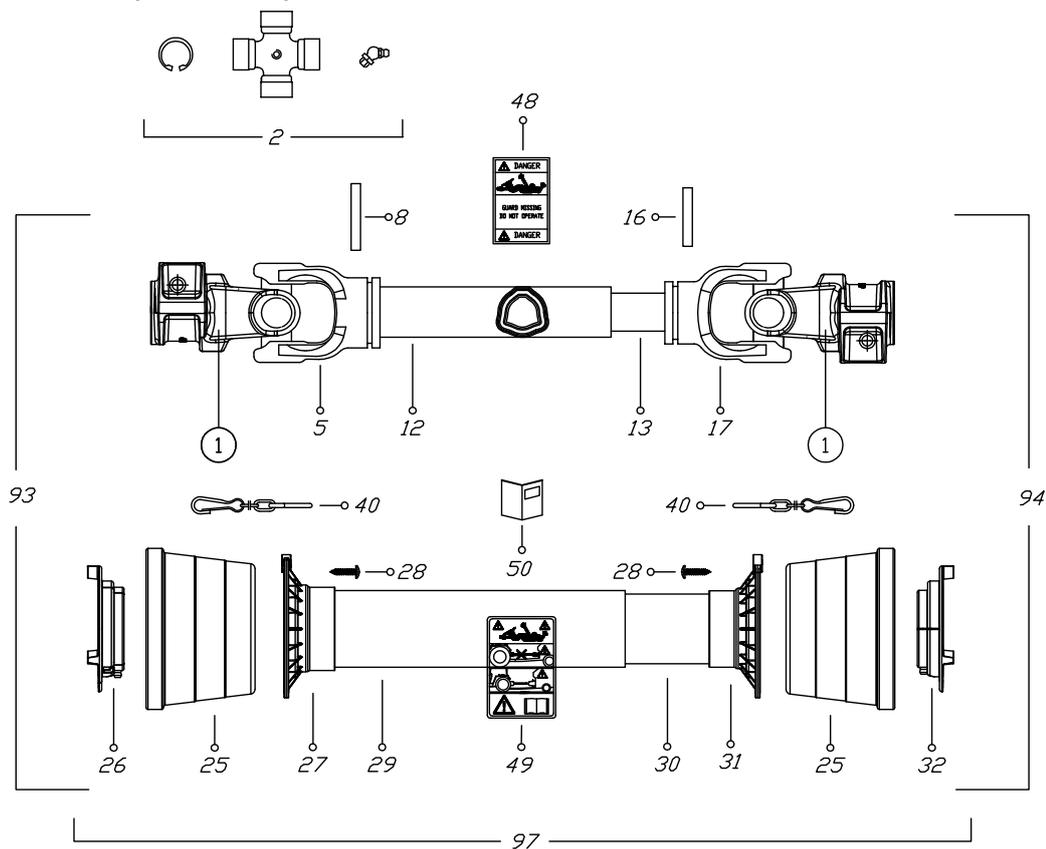
PTO shaft (68800209)



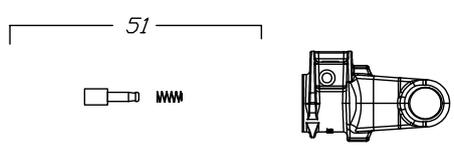
Item	Part No.	Description	Qty
1	NO CODE	Wide-angle CV PTO drive shaft with guard	1
2		Inner wide-angle CV PTO drive shaft half with outer guard half	1
3	68800311	Outer PTO drive shaft half with inner guard half	1
4		Outer guard half	1
5	68800312	Inner guard half	1
11		ASGE-yoke complete	1
12	68800313	ASE-lock complete; size C	1
13	68800314	Shear bolt clutch; right-hand rotation	1
14		Shearing radius 56 mm	1
14	NO CODE	Hexagon bolt	1
21	NO CODE	Cross and bearing kit complete	2
22	NO CODE	Drive-in type lubrication fitting	3
23	NO CODE	Plate	4
24	NO CODE	Double yoke with lubrication fitting	1
25		Lubrication fitting	1

26	NO CODE	Inboard yoke	1
27		Spring-type straight pin	2
28	NO CODE	Profile tube; coated	1
-	68800315	Shorten tube by 120 mm	
29	68800316	Profile tube	1
-	NO CODE	Shorten tube by 135 mm	
30	68800317	Inboard yoke	1
31	NO CODE	Cross and bearing kit complete	1
51	68800318	Guard cone	1
52	68800320	Screw	10
53	NO CODE	Bearing ring	1
54	NO CODE	Bearing ring	2
55		Guard cone with flexible guard	1
56	NO CODE	Bearing ring	1
57	NO CODE	Reinforcing collar	1
58	NO CODE	Guard cone; n= Number of ribs	1
-		Shorten SC cone by 6 rib(s)	
59		Safety chain	1
60	382078	Safety chain	1
90	118745	Instruction manual with set of decals;	1
-		WARNING decal and DANGER decal	

PTO shaft (68800296)

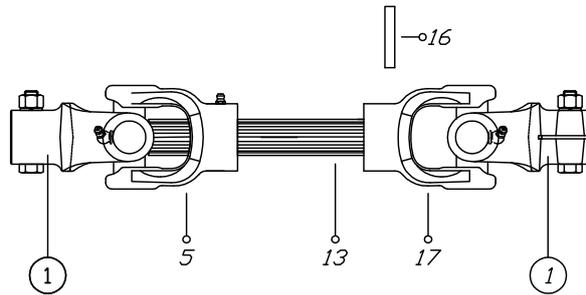
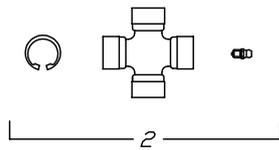


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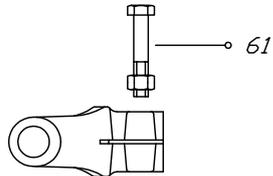


Item	Part No.	Description	Qty
01	0800603	YOKE	1
02	08206	CROSS JOURNAL ASS.	2
05	08006021	OUTER TUBE YOKE	1
08	098701075	FLEXIBLE PIN	1
12	09881544100	CM. 100 CARDAN TUBE(*)	1
13	09881454100	CM. 100 CARDAN TUBE(*)	1
16	098701065	FLEXIBLE PIN	1
17	08006011	INNER TUBE YOKE	1
21	0800603C	YOKE	1
25	021906C001	CONE SHIELD BELL 05-06	2
26	025506C001	OUTER BEARING	1
27	025406C001	OUTER BASE CONE 05-06	1
28	0998052242	SCREW	6
29	0988981NB6116	OUTER SAFETY TUBE	1
30	0988975NB6116	INNER SAFETY TUBE	1
31	025406C002	INNER BASE CONE 05-06	1
32	025506C002	INNER BEARING	1
40	0252000001	CHAIN	2
48	09872006	LABEL DANGER OUTER DRIVE TUBE	1
49	09872010	EXTERNAL SHIELD LABEL	1
50	09872101	INSTRUCTION BOOKLET CE	1
51	0986014047	COMPLETE PUSH BUTTTON	2
93	B6N116CE2	OUTER HALF SHAFT	1
94	B6N116CE1	INNER HALF SHAFT	1
97	083CE06116	SAFETY GUARD	1

PTO shaft (68800239)

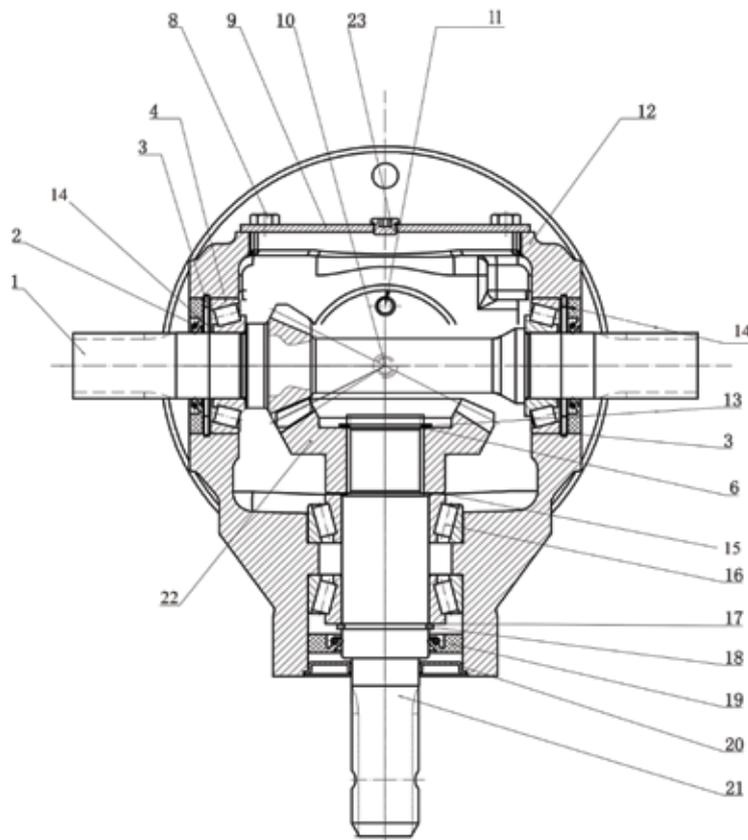


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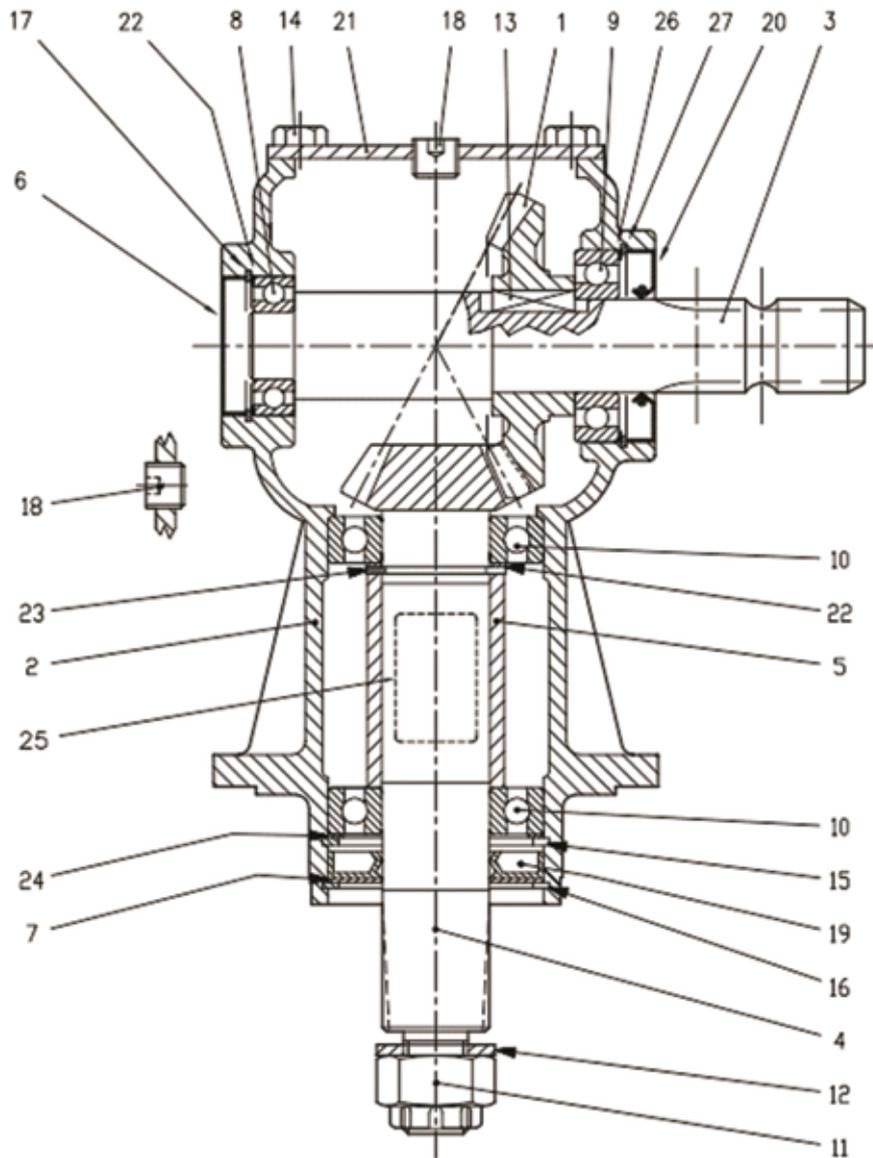
Item	Part No.	Description	Qty
01	0800503C60	YOKE	2
02	082053	CROSS JOURNAL ASS.	2
05	08005016A	SPECIAL YOKE	1
13	08420350240	SPLINED MALE	1
16	0987001065	FLEXIBLE PIN	1
17	08005016B	SPECIAL YOKE	1
61	0995512070B	SCREW	2

68800030 (JJ.03499) (1.9 3W)



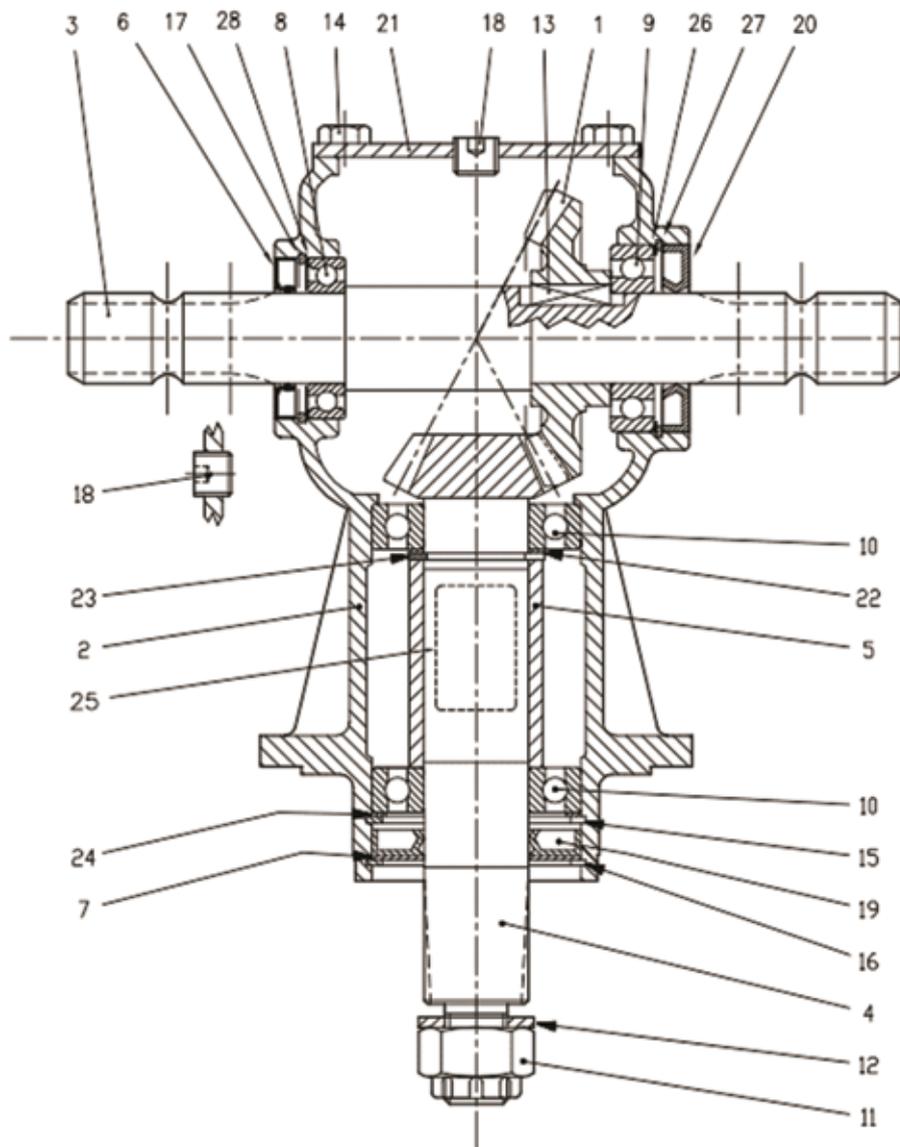
Item	Part No	Description	Qty
1	RI-1891-RI	output shaft	1
2	RI-0974-RI	double-lip seal 35x72x7	2
3	RI-0779-RI	circlip $\Phi 72 \times 2.5$	2
4	00754757	tapered roller bearing 30207 (35x72x18.25)	2
6	RI-0171-RI	Adjusting washer (40.3x51.5)	
8	RI-1341-RI	Hexagon bolt M8x16	4
9	RI-0842-RI	Cover	1
10	RI-0050-RI	Oil bung	1
11	00758654	Oil breather bung	1
12	RI-1370-RI	housing	1
13	00752927	circlip $\Phi 40 \times \Phi 37.5 \times 1.75$	1
14	00754761	adjusting washer (60.3x71.7)	2
15	RI-0174-RI	adjusting washer(40.3x61.7)	
16	RI-2701-RI	tapered roller bearing 33109 (45x80x26)	2
17	RI-0173-RI	adjusting washer 45.2x54.8	
18	RI-0778-RI	Circlip $\Phi 45 \times 2.5$	1
19	00756644	double-lip seal 45x80x10	1
20	RI-2061-RI	Protective washer	1
21	RI-1505-RI	Input shaft	1
22	RI-0328-RI	Bevel gear	1
23	RI-0051-RI	1/2 GAS oil plug+copper washer	1

68800271 (205.872) (1.92 SHORT)



Item	Part No	Description	Qty
1	68800539	KIT,GEAR Z23 M5	1
2	RI-0627-RI	CASING	1
3	68800540	SHAFT,INPUT (SHORT)	1
4	68800200	PINION,OUTPUT SHAFT HIGH SPEED	1
5	00757153	SPACER	1
6	50025325	OIL CAP	1
7	00754773	SHIELD,PROTECTIVE	1
8	00754774	BEARING,BALL - NO SHIELDS	1
9	00564800	BEARING,BALL-35X72X17-NO SEALS	1
10	00563700	BEARING,40 X 80 X 18- NO SEALS	2
11	00754777	NUT MET SLOT 24MM-P2.0	1
12	00778246	WASHER,FLAT - M24 - HARDENED	1
13	68800541	KEY,PARALLEL KEY B 10X8X30	1
14	00754764	HHCS, M10-P1.5 X 20MM PL8.8	4
15	00753224	RING,INTERNAL RETAINING - D80	1
16	00754781	R/B 70079	1

17	68800542	SNAP RING,52X55X2.5	1
18	00753226	PLUG,3/8" TAPERED SOLID	2
19	00754783	SEAL,OIL - 40 X 80 X 12	1
20	00763206	SEAL, INPUT SHAFT 35X72X10	1
21	68800543	CAP,GEARBOX HOUSING	1
22	68800544	KIT,INPUT SHIM	2
23	00756649	SNAP RING,EXT. 40 X 37.5 X 2.5	1
24	00758488	SHIM,79.9 (5 PC KIT)	1
26	00754761	KIT,SHIM - 60.3 X 71.7	1
27	2716532	SNAP RING 72 UNI7437	1



Item	Part No	Description	Qty
1	70685	Crown Gear Z23 M5	1
2	RI-0628-RI	Casing (LF135/12)	1
3	RI-2438-RI	Shaft (LF135/25)	1
4	70791	Pinion Shaft	1
5	70794	Spacer (LF135/10)	1
6	00758486	Double Lip Seal (LF135/14)	1
7	00754773	Protective Washer (LF135/4)	1
8	RI-0315-RI	Bearing 6007 (35x62x14)	1
9	00564800	Bearing 6207 (LF135/15)	1
10	00563700	Bearing 6208 (LF135/9)	2
11	00754777	Castle Nut (LF135/1)	1
12	00778246	Bolt Washer (LF135/2)	1
13	00754779	Parallel Key (LF135/19)	1
14	00754764	Bolts M10x20	4
15	00753224	Snap Ring (LF135/6)	1
16	RI-2604-RI	Snap Ring (LF135/3)	1
17	50044136	LF205/17 Circlip	1

18	00753226	Plug (LF135/13)	2
19	00754783	Double Lip Seal (40X80X12V)	1
20	00763206	Oil Seal 35x72x10 (T4A/1)	1
21	50044137	Cover (LF205EP)	1
22	00753177	Shim Kit	1
23	00756649	Snap Ring (40x37.5x2.5) (LF135/7)	1
24	00758488	Shim Kit (69x79.7) LF135/7	1
25	RI-1711-RI	Name Plate	1
26	00754761	Shim Kit (60.3x71.7)	1
27	00754752	LF205/27 Circlip	1
28	RI-2539-RI	Shim	1

68800258 (278.221.10) (1.9-1 4W)

