



**MJ71-190/240, MJ71-190FM/240FM  
MJ71-340/400/540  
MJ71-340T/400T/540T/600T/730T  
SWIFT ROLLER MOWER**

**Operator's Manual  
and Parts List**



**WARNING**

Read this instruction manual thoroughly before using your machine and follow all safety precautions.

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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, Major assumes no responsibility for errors or omissions.

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

Further to this, Major 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 MAJOR dealer or MAJOR.

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 or by a hydraulic pump. All other use is strictly prohibited. Major will not be held responsible for any loss or damage caused due to a misuse of the machine.

## Register Your Product and Warranty Online

To register your product through the Internet, simply go to the Support section on [www.major-equipment.com](http://www.major-equipment.com). Completing the information, either online or with the product warranty card, will ensure the customer that their product receives all post sales service and important product information.

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.

Depending on the model and specification of the machine it can be attached to a tractor/power unit by one of the following methods: 2/3 point linkage connection, hitched by a drawbar, positioned on an extendable arm. The position of the 3 point linkage machine can be adjusted by manual or hydraulic top link.

Winged models require at least one hydraulic spool with 1/2" female quick release connection for a single acting ram/rams.

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. Similar noise levels are produced while operating hydraulic driven machines.

### Operating Safely

PTO driven machines are 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 MAJOR machine must only be used for purposes outlined in the Intended Use section of this booklet. All other use is strictly prohibited.

Hydraulic driven machines must be driven by oil type specified in the Product Specifications part of this booklet. Ensure the oil flow rate is within the allowed limits. Low/High oil flow rate can cause damage to the machine and/or the operator.



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 *(if applicable)*

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.





## General safety instructions

Precautions to be taken while working with the machine:

1. Do not operate the machine when you are tired or under the influence of alcohol or any other intoxicant;
2. Before starting mowing, make sure that the area is clear of people or animals.
3. Before starting adjusting the machine, it is mandatory to disconnect the PTO, to turn off the engine of the tractor, apply handbrake and wait for the turning parts to become still and placed on the ground. Hydraulic motor hoses must also be disconnected while carrying out such adjustments
4. It is mandatory to read all the safety requirements and the operator's manual of the machine.
5. If you are not sure how to use the machine, please contact the manufacturer or the dealer.

## Inspections before Use



Always disengage PTO, disconnect hydraulic motor hoses, 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.



Always make sure that the hydraulic motor hoses are connected correctly and that the oil flow rate is met.

# Product Identification

## Machine Serial Numbers

If you need to contact MAJOR or your MAJOR 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: \_\_\_\_\_

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## Product Specifications

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

Model	MJ71-190	MJ71-240	MJ71-340	MJ71-400	MJ71-540	MJ71-600T	MJ71-730T
<b>Overall Width</b>	2.00m (6' 6")	2.50m (8' 2")	3.48m (11' 5")	4.16m (13' 8")	5.54m (18' 2")	6.20m (20' 4 1/2")	7.40m (24' 4 1/2")
<b>Working Width</b>	1.90m (6' 3")	2.40m (8')	3.40m (11' 2")	4.00m (13' 1")	5.40m (17' 9")	6.0m (19' 8 1/4")	7.32m (24')
<b>Transport Width</b>	2.00m (6' 6")	2.50m (8' 2")	1.90m (6' 3")	1.90m (6' 3")	1.90m (6' 3")	2.60m (8' 6")	2.60m (8' 6")
<b>Transport Height</b>						2.90m (9' 6") 2.65m (8' 8 1/2")	3.63m (11' 10 3/4") 3.38m (11' 3/4")
<b>Power (HP)</b>	25-70 HP	30-80 HP	40-90 HP	60-110 HP	70-120 HP	90-130 HP	105-150 HP
<b>PTO rpm</b>	540	540	540	540	540	1000	1000
<b>Cutting Height</b>	10-130mm	10-130mm	10-130mm	10-130mm	10-130mm	10-130mm	10-130mm
<b>Rotors</b>	3	4	5	6	8	9	11
<b>Blades</b>	6	8	10	12	16	18	22
<b>Weight</b>	475kg	560kg	940kg	1100kg	1270kg	2115	2350kg
<b>Blade tip speed</b>	75 m/s	75 m/s	75 m/s	75 m/s	75 m/s	70m/s	70m/s
<b>Mowing Rates (Acres/hr at 7mph)</b>	5.3	6.7	9.4	11.4	14.9	16.8	20.4

Model	MJ71-400T	MJ71-540T	MJ71-190FM	MJ71-240FM	MJ71-340FM	MJ71-400FM
<b>Overall Width</b>	4.16m (13' 8")	5.54m (18' 2")	2.00m (6' 6")	2.50m (8' 2")	3.48m (11' 5")	4.16m (13' 8")
<b>Working Width</b>	4.00m (13' 1")	5.40m (17' 9")	1.90m (6' 3")	2.40m (8')	3.40m (11' 2")	4.00m (13' 1")
<b>Transport Width</b>	1.90m (6' 3")	1.90m (6' 3")	2.00m (6' 6")	2.50m (8' 2")	1.90m (6' 3")	1.90m (6' 3")
<b>Power (HP)</b>	60-110 HP	70-120 HP	25-70 HP	30-80 HP	40-90 HP	50-100 HP
<b>PTO rpm</b>	540	540	1000	1000	1000	1000
<b>Cutting Height</b>	10-130mm	10-130mm	10-130mm	10-130mm	10-130mm	10-130mm
<b>Rotors</b>	6	8	3	4	5	6
<b>Blades</b>	12	16	6	8	10	12
<b>Weight</b>	1380kg	1575kg	475kg	560kg	940kg	1100kg
<b>Blade tip speed</b>	75 m/s	75 m/s	75 m/s	75 m/s	75 m/s	75 m/s
<b>Mowing Rates (Acres/hr at 7mph)</b>	11.4	14.9	5.3	6.7	9.4	11.4

## EEC certificate of conformity for machines

(conforming to Directive 2006/42/EC)

Name of Manufacturer: Major Equipment Ltd  
Address: Coolnaha, Ballyhaunis, Co. Mayo, Rep of Ireland

Tel. +353949630572  
Fax +353949630788

*declares in sole responsibility that the product:*

**Machine description and function:** Rotary mower with vertical axes cutting heads which cuts grass so it can be subsequently picked up.

**Model:** Swift (MJ71)


**Type:** \_\_\_\_\_

**Serial number:** \_\_\_\_\_

Technical file compiled by: Alex Kolchanov (c/o Major Equipment Ltd)

- **THE SUPPLY OF MACHINERY (SAFETY) REGULATIONS 2008.**
- **S.I. No. 299 of 2007**, Safety, Health and Welfare at Work (General Application) Regulations 2007 (Ireland).
- **Health & Safety at Work, etc. Act 1974 (c.37) (UK).**
- **EN ISO 14121-1: 2007** 'Safety of machinery. Principles for risk assessment'.
- **EN 745** - Agricultural Machinery - Rotary Mowers and Flail Mowers - Safety.
- **EN ISO 13857** - Safety of machinery: Safety distances to prevent hazard zones being reached by upper and lower limbs.

I hereby certify on behalf of Major Equipment Int. Ltd., that this machine when properly installed and operated correctly, complies with all the essential Health & Safety requirements of all legislation referred to above.

Signed:   
Date: 14/11/2018  
Name: John Murphy  
Position: Managing Director

Place: Coolnaha, Ballyhaunis, Co. Mayo, Rep of Ireland


# 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.

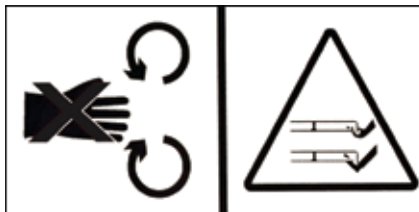
On your machine safety labels, the words DANGER, WARNING, and CAUTION are used with this safety alert symbol. DANGER identifies the most serious hazards.

**To prevent Serious Injury or Death**

- Avoid unsafe operation or maintenance.
- Do not operate or work on this machine without reading and understanding the operator's manual.
- If manual is lost, contact your nearest dealer for a new manual.



To avoid injury, read the manual




Rotating blade hazard



PTO entanglement hazard - keep clear of PTO drives.

**WARNING**



**DO NOT GO NEAR LEAKS**

- High pressure oil easily punctures skin causing serious injury, gangrene or death.
- If injured, seek emergency medical help. Immediate surgery is required to remove oil.
- Do not use finger or skin to check for leaks.
- Lower load or relieve hydraulic pressure before loosening fittings.

High oil pressure hazard

**ATTENTION!!**

**CHECK TIGHTNESS OF TRANSMISSION BOLTS AT EVERY SERVICE.**

Check tightness of the transmission bolts

**ATTENTION!**

**Do not engage drive while in transport position**

Do not engage drive while in transport position



Grease points

<p><b>MAX PTO INPUT 540 RPM</b></p> <p>© MAX. DREHZAHL 540 U/MIN © MAX. TORRENTAL 540 TPM © MAX. PRISE DE FORCE 540 TOURS/MIN</p>	<p><b>MAX PTO INPUT 1000 RPM</b></p> <p>© MAX. DREHZAHL 1000 U/MIN © MAX. TORRENTAL 1000 TPM © MAX. PRISE DE FORCE 1000 TOURS/MIN</p>
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Maximum PTO input

**ATTENTION**




Moving parts

**Fold PTO stand down before removing transport pin, otherwise PTO shaft will be damaged!**

**IMPORTANT**

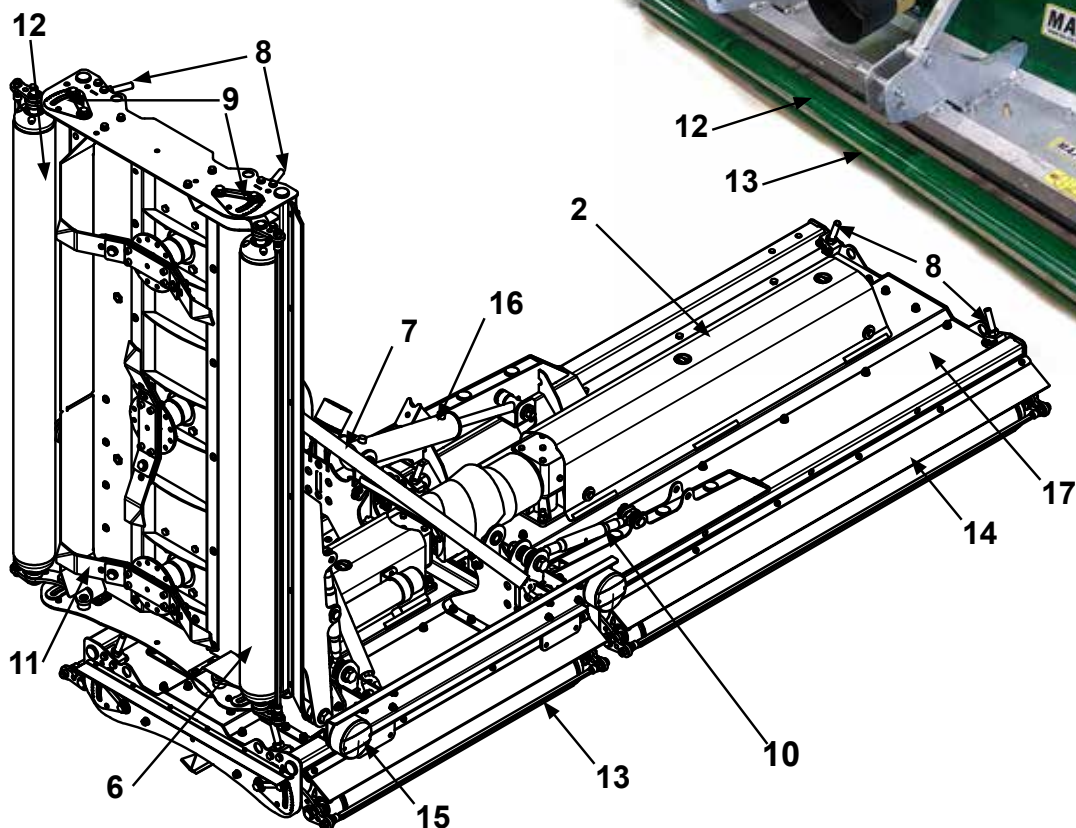
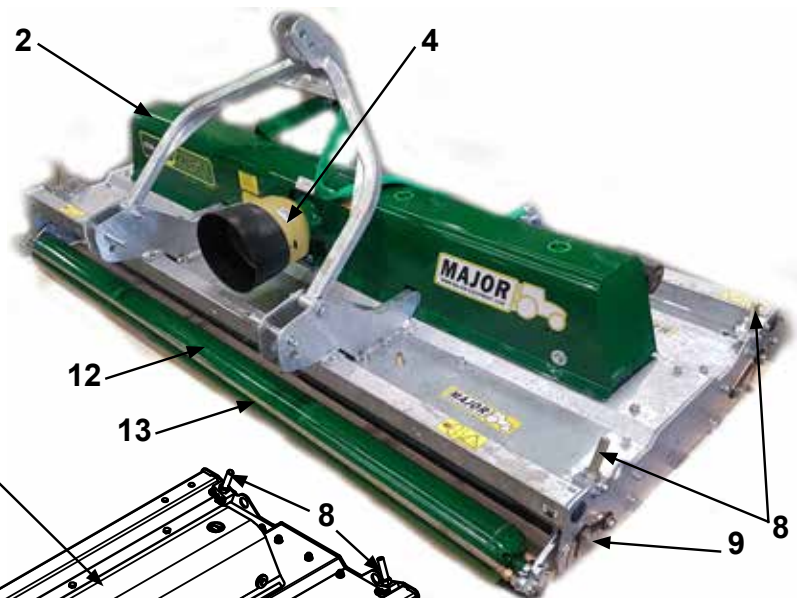
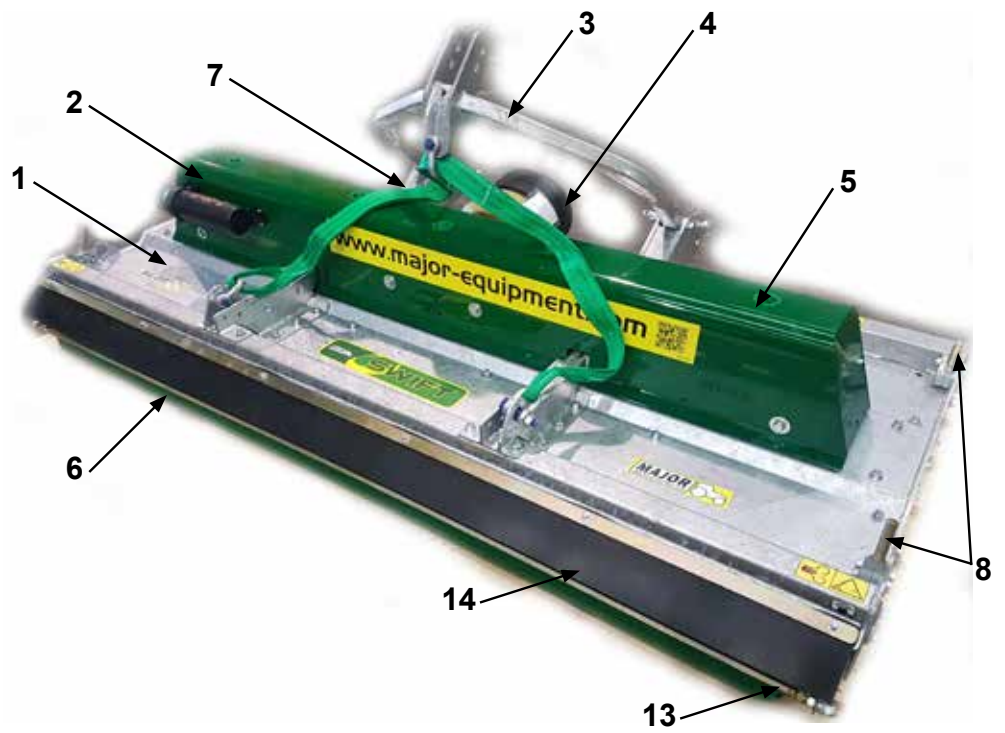
**P.T.O. SHAFT JOURNALS 'A' & 'B' MUST BE ALIGNED AT 90° WHEN P.T.O. SHAFTS ARE BEING FITTED.**



**CHECK BLADE TIMING IS CORRECT**

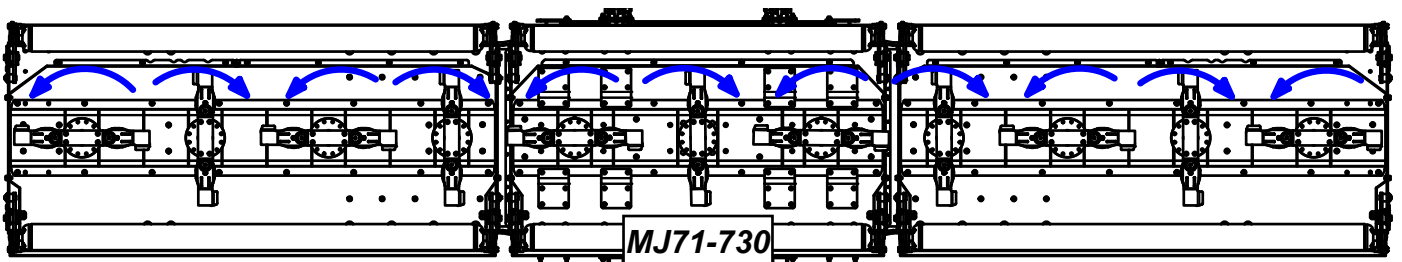
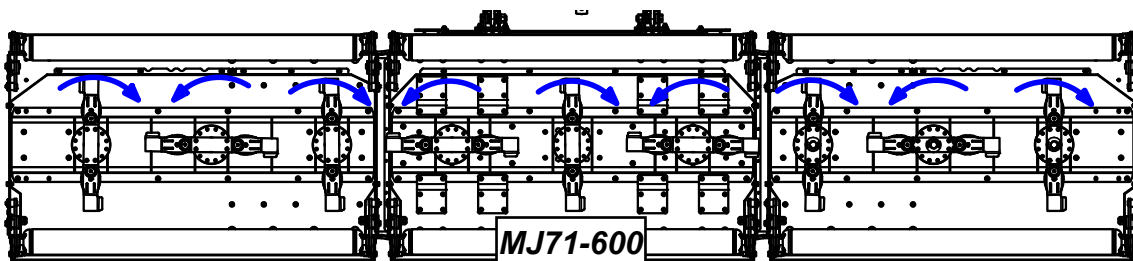
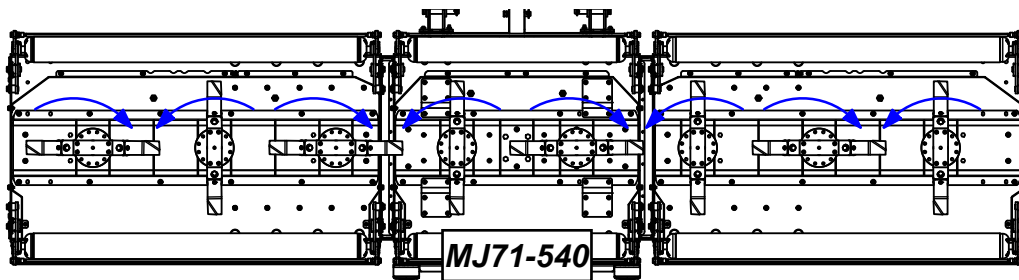
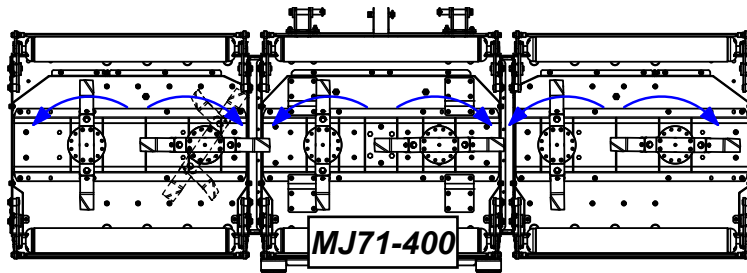
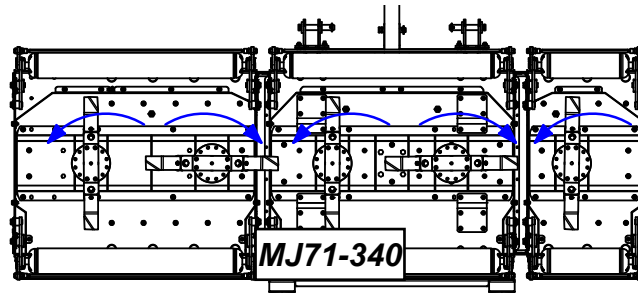
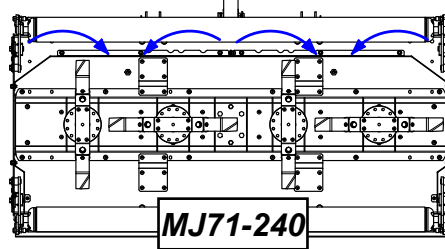
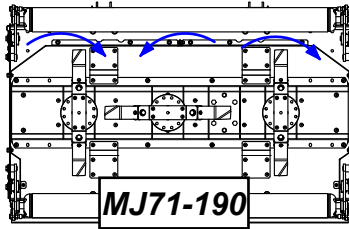
## Key to Main Parts

- |    |                            |
|----|----------------------------|
| 1  | Body                       |
| 2  | Drivetrain cover           |
| 3  | A-Frame                    |
| 4  | Gearbox PTO cover          |
| 5  | PTO shaft                  |
| 6  | Rear roller                |
| 7  | Strap                      |
| 8  | Roller height adjuster rod |
| 9  | Roller height indicator    |
| 10 | Top Link                   |
| 11 | Blade                      |
| 12 | Front roller               |
| 13 | Scraper bar                |
| 14 | Rubber deflector           |
| 15 | Lighting kit               |
| 16 | Hydraulic Ram              |
| 17 | Wing                       |



# Blade Rotation

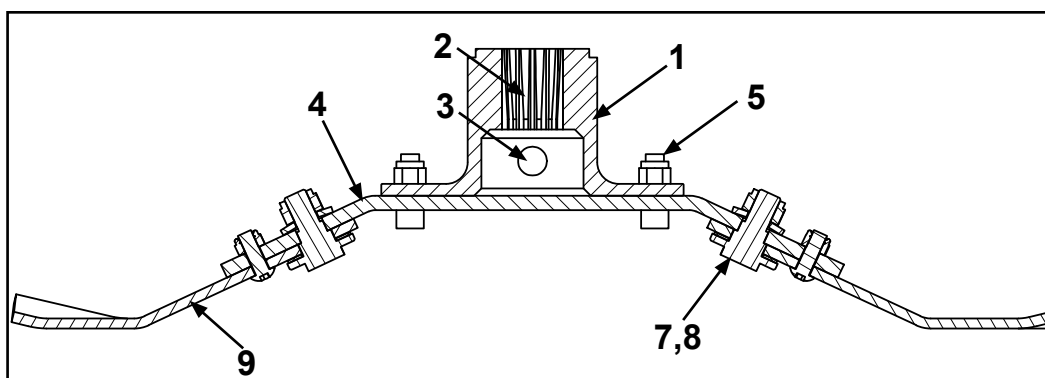
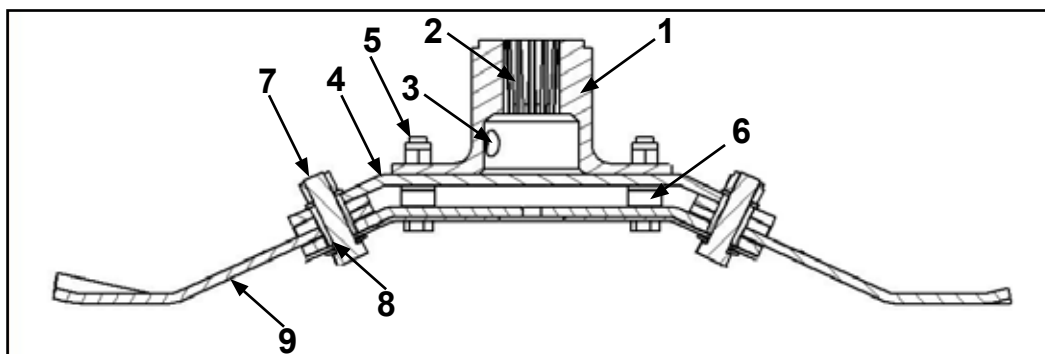
Blade rotation viewed from underside



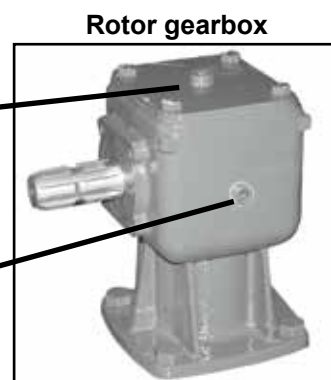
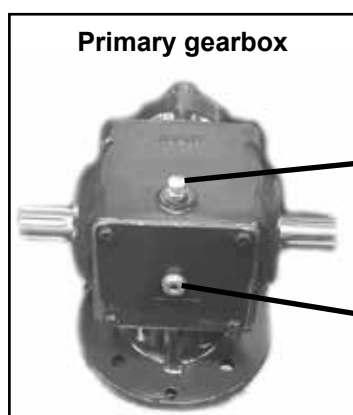
## Blade system

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 HITCHING/UNHITCHING THE IMPLEMENT. THIS WILL PREVENT DANGEROUS MOVEMENT. NEVER ALLOW ANYONE TO STAND BETWEEN THE TRACTOR AND THE MACHINE.

## Three Point Linkage Models

1. Adjust both lift arms of the tractor until they are level in relation to each other.
2. Hitch the lower linkage arms to the Machine and connect the top link and PTO shaft. Ensure that the locking pins are secure.
3. With the Machine lowered in its operating position, adjust the top link until the strap is slack, allowing the Machine to produce a uniform finish in varying ground conditions.
4. Check the PTO shaft for length as described previously. Connect the PTO shaft. Ensure PTO check chains are anchored to prevent PTO guarding from rotating.
5. Connect the hydraulic hoses to the appropriate connections (selected models only).

## Trailed Models

1. Adjust the tractor hitch pin so that the hitch pin is approximately 400 mm (16") from the end of the tractor PTO shaft.
2. Adjust the machine hitch eye to suit the tractor drawbar height paying particular attention to keep both height adjusting bolts as far as possible on the adjusting bracket. Careful adjustment of the hitch eye height at this stage is necessary in order to allow the machine to function safely and correctly.
3. Connect the machine to the tractor. Ensure no one is standing between the tractor and the Machine.
4. Check the PTO shaft for length as described previously. Connect the PTO shaft. Ensure PTO check chains are anchored to prevent PTO guarding from rotating.
5. Connect the hydraulic hoses to the appropriate connections (selected models only).

## 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. During the transport and any time the machine shall be raised, the raising device shall be adjusted to assure that the machine is at least 250mm over the ground.

## Transport Position (Winged models only)



The transport locking bars, transport pin and axle ram stopper should always be slotted into place while transporting the machine. Doing this removes pressure from the hydraulic system. Failure to use the safety equipment can cause mechanical as well as physical damage.



Transport Speed of Trailed models should not exceed 25 km/h.

### Top Link Position



Transport Position

### Axle Locks



### Drawbar Locks



Mowing Position



## 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.



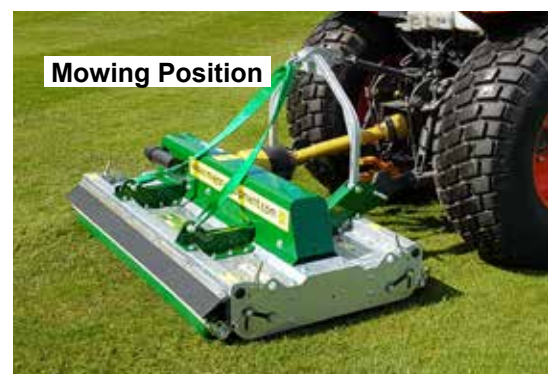
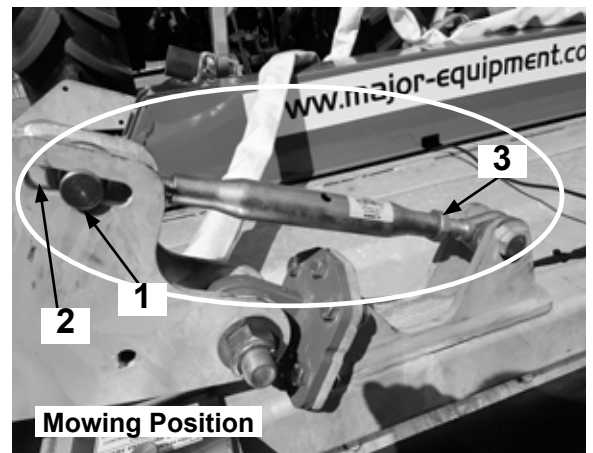
Never allow anyone to stand between the tractor and the machine. Ensure the machine is attached correctly to the tractor as previously described. Always start up the tractor PTO at a low RPM. Build up to operating speed, select a suitable forward gear & proceed to cut grass.

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. Locate the Parking Jack on its side under the PTO shaft on the stub provided (Trailed models only)
3. Ensure the PTO stand is flipped down. (Trailed models only)
4. Check PTO shaft is fully engaged on tractor PTO splines.
5. Raise the machine by hydraulic control. (Trailed models only)
6. Flip back axle and drawbar ram stoppers. (Trailed models only)
7. Lower the machine by hydraulic control to the ground or use tractor linkage controls.
8. After clearing the vicinity of bystanders, relocate the Wing Transport Locking Bars. Lower the wings by hydraulic control. Ensure hydraulic ram is fully closed. (Winged mowers only).
9. Start up the tractor PTO at a low RPM.
10. Build up to operating speed, select a suitable forward gear & proceed to cut grass.

### Top Link position (flotation restrictor)

To set the top links into mowing position lower the wings on level ground. Adjust the top link so the pin (1) is located in the middle of the slot (2). Lock the position by tightening the lock nut (3).

Top links limit the wing lift and prevent damage to wing PTO shafts and gearboxes.



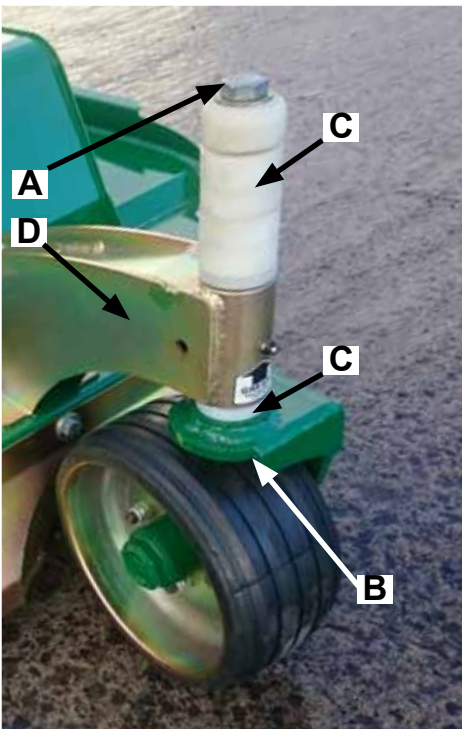
## Roller and Castor wheels adjustment

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

### Castor wheels (optional)

To adjust the height of front wheels lift up the machine and:

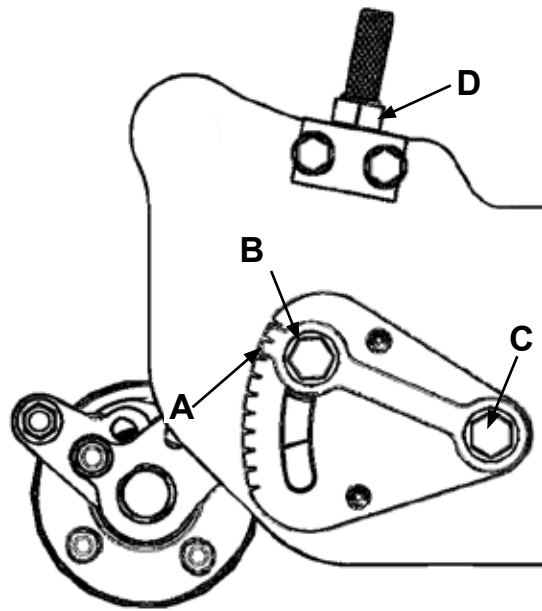
1. Unscrew and remove Bolt **A**;
2. Slide down the Castor Yoke **B** and remove it;
3. Depending on the desired cutting height place Spacers **C** above or below Castor Arm **D**.
4. When adjustment is complete, relocate Castor Yoke **B** and secure it with Bolt **A**.
5. Repeat this procedure for the other wheel.



### Roller

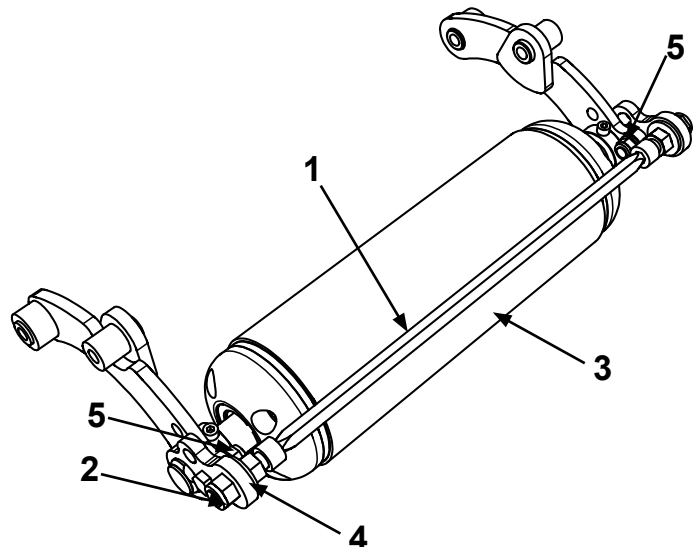
To adjust the height of the roller follow this procedure at both sides of the roller:

1. Loosen Bolts **B** and **C** (Note: You do not have to remove the bolt, 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 Major 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 Major spare parts. These parts are manufactured to the same specification as the machine and will provide the best result. Genuine Major spares can be obtained from MAJOR or your local MAJOR 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.

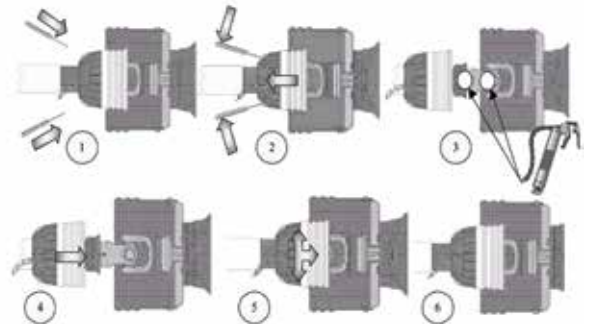
## Machine storage

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.

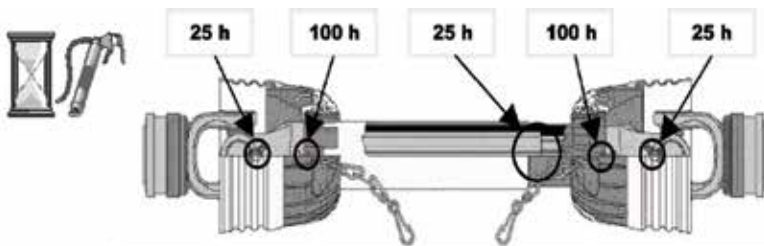
## PTO Shaft Maintenance *(applies to the PTO driven machines)*

### 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

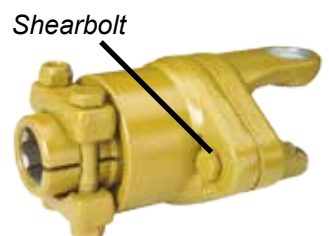


### Shearbolt Replacement *(if applicable)*

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 (if applicable)

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. MAJOR 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



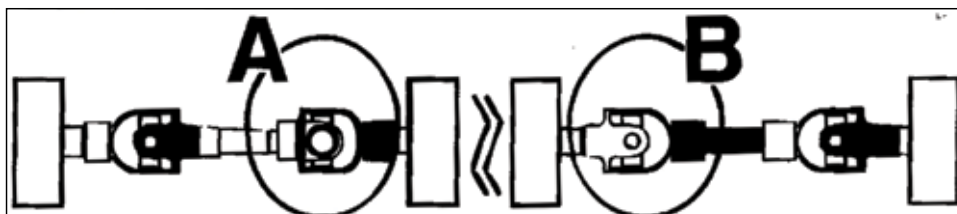
Always wear appropriate PPE when clearing out blockages.

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 or disconnect the hydraulic motor hoses;
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 (if applicable)

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
		Reduce the ground speed but maintain required oil flow rate (hydraulic driven machines)
	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
	Oil flow rate is too low (hydraulic driven machines)	Increase the oil flow rate but do not exceed the maximum rate permitted
	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
Material discharges from mower unevenly; bunches of material along with swath	Blades mounted incorrectly (cutting edge against direction rotation)	Change blades so that cutting edge is facing correct rotation.
	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

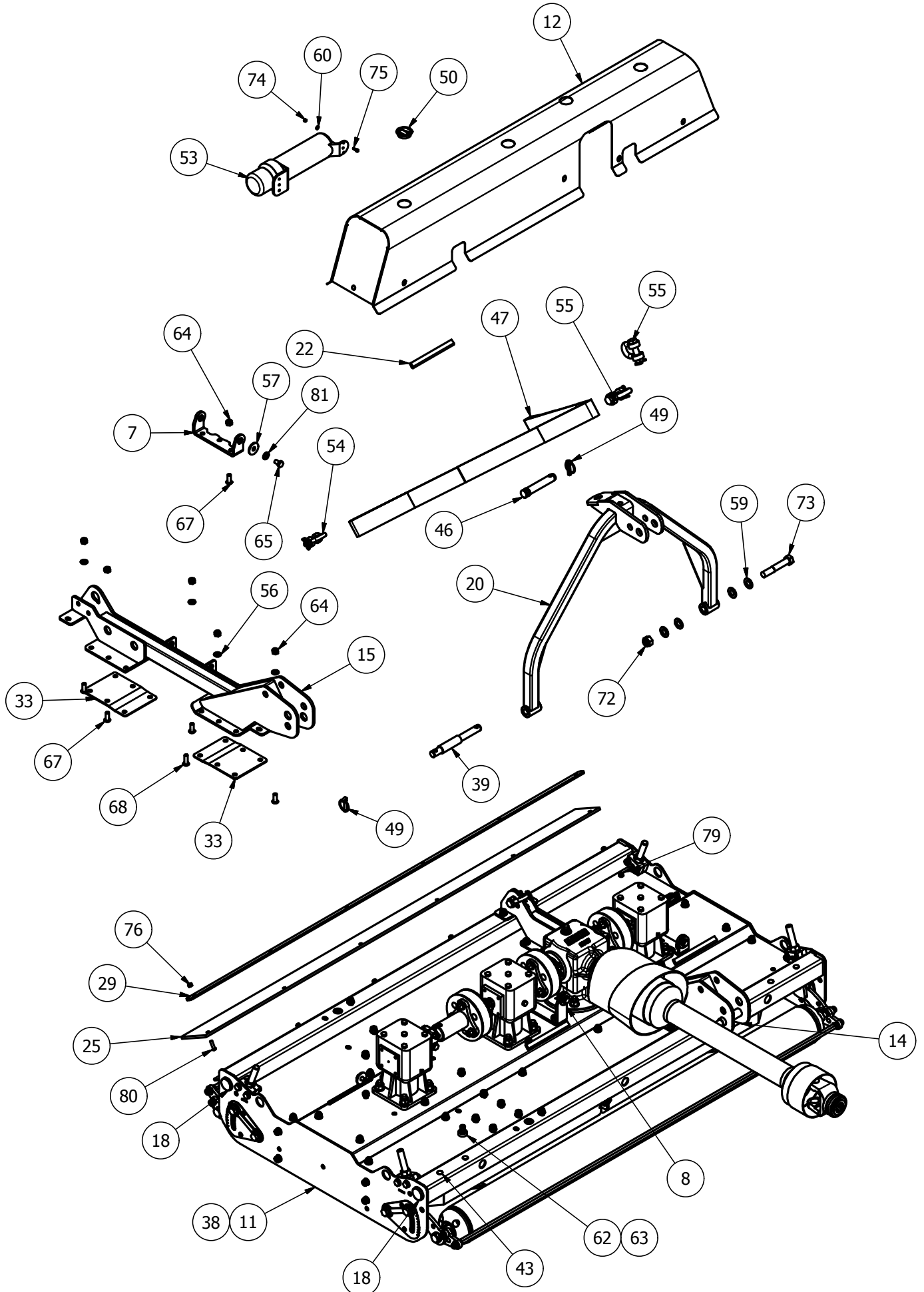
Use EP2 type grease or equivalent.

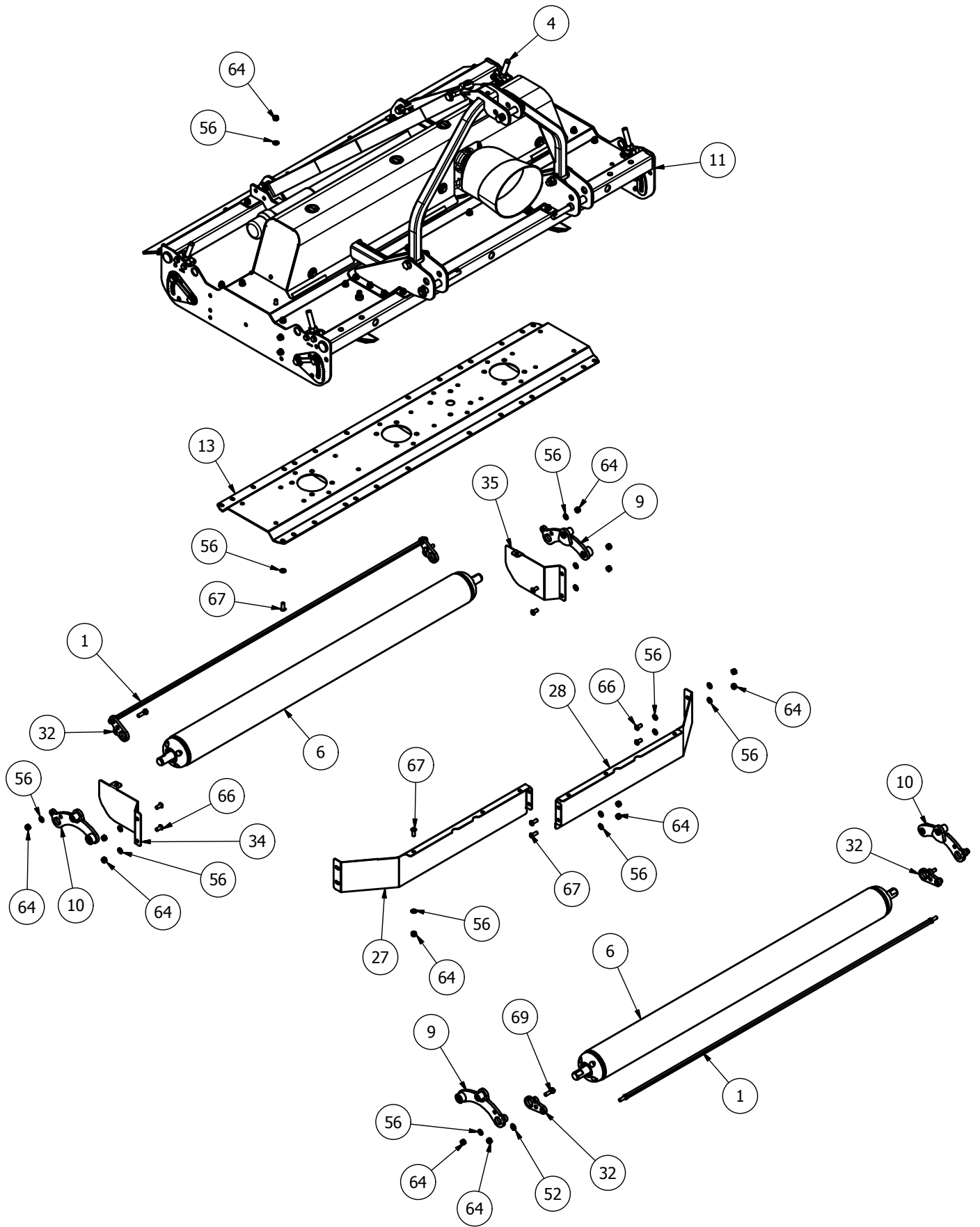
Use oil which conforms to 85W/140 standards.

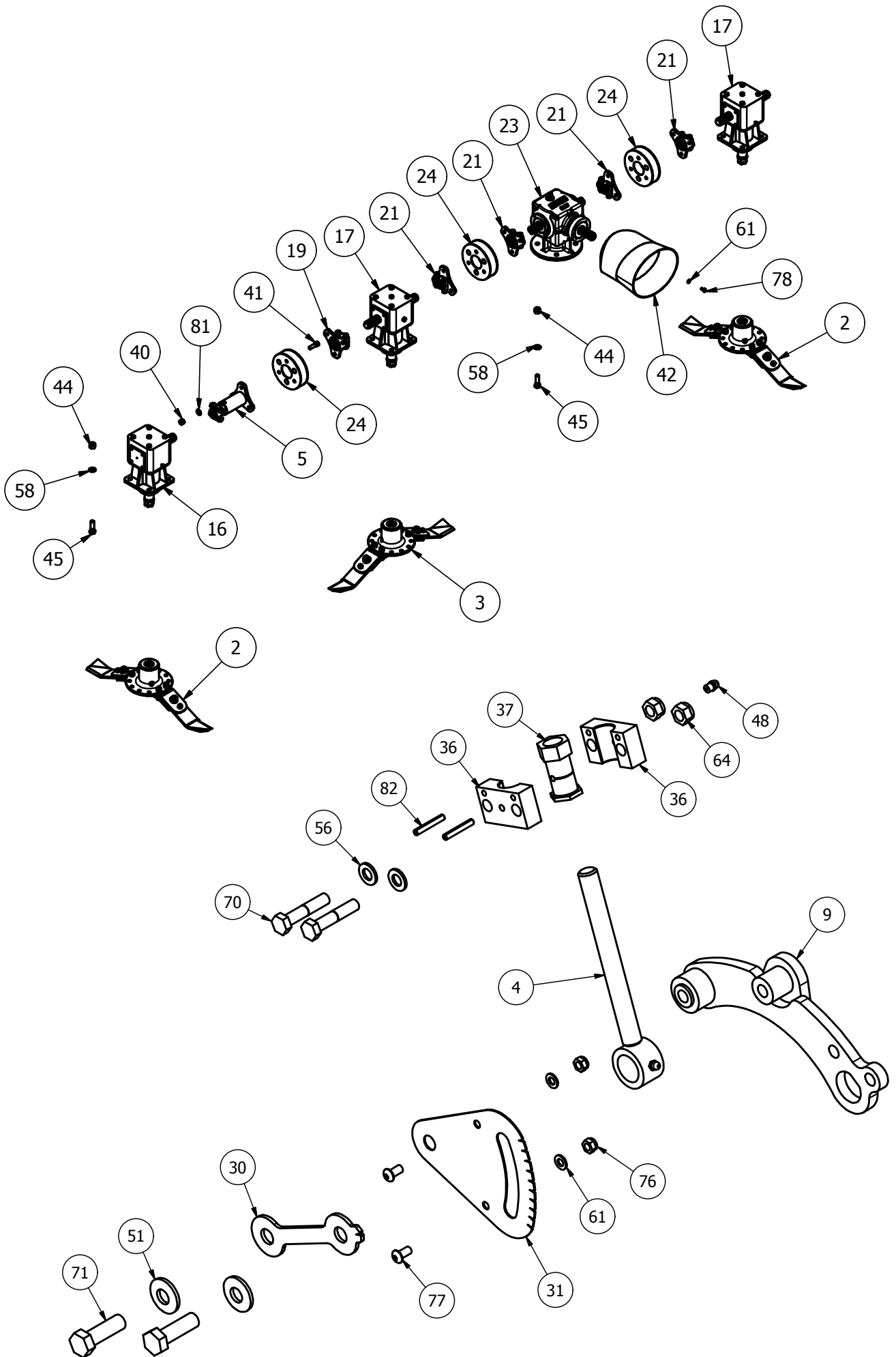
	Grease points	Initially	25 hours	40 hours	80 hours	400 hours
All PTO Shaft Yoke Ends		●	●			
PTO tubes		●		●		
Check oil levels in the gearboxes					●	
Replace oil in gearboxes						●
Wing eye pivot	0/2/4			●		
Wing hydraulic Ram	0/1/2			●		
Roller	4/12	●		●		
Roller height adjuster	2 x 2 x 6				●	
Castor wheel pivot	0/2/4/6				●	
Castor wheel axle	0/2/4/6				●	
Drawbar Pivot eye	0/2				●	
Axle Pivot	0/2				●	
Drawbar hydraulic ram	0/2				●	
Axle hydraulic ram	0/2				●	
Parking Jack	0/1				●	

### MJ71 Spare Parts - MJ71-190/240/FM

#### MJ71-190





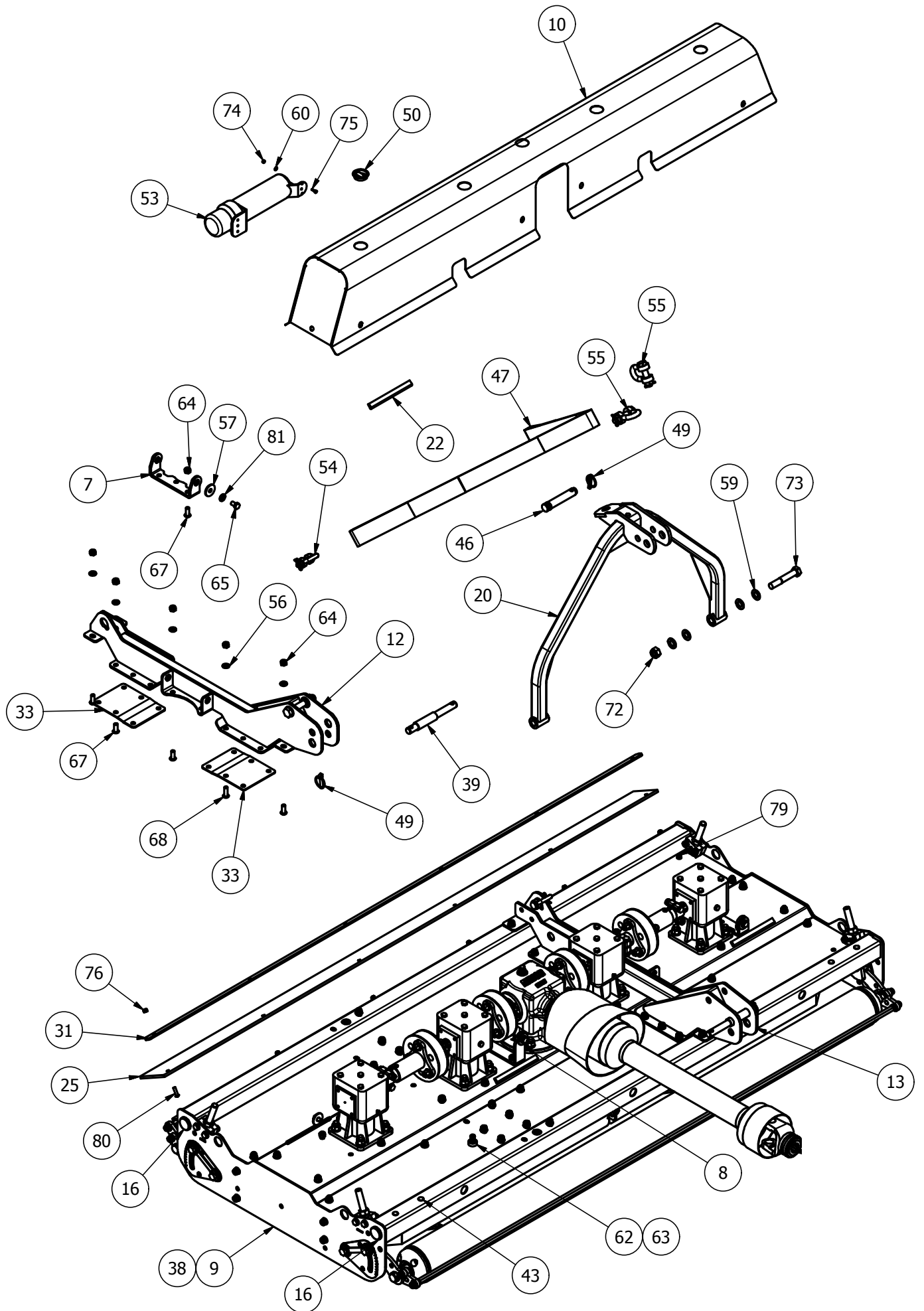


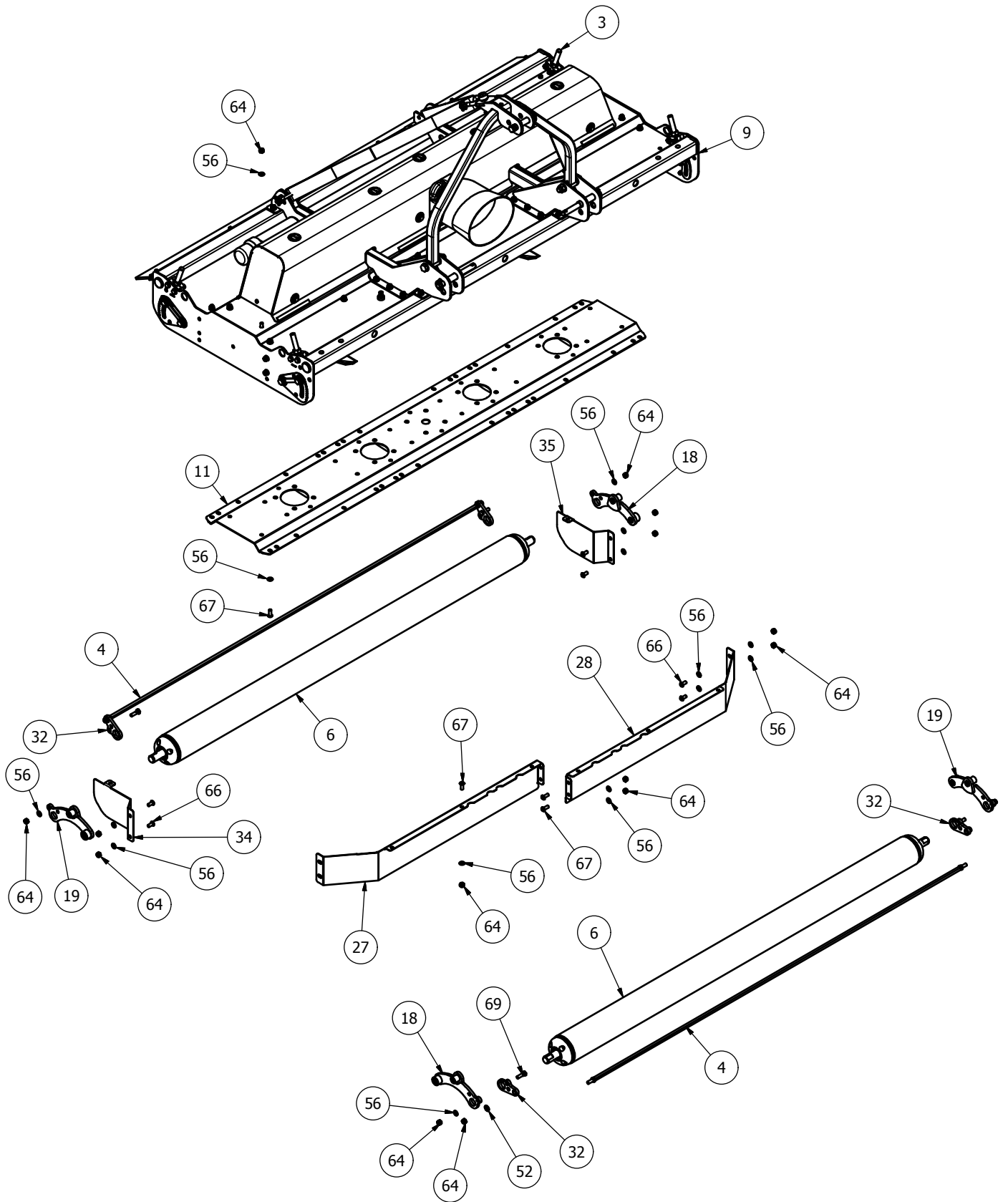
## MJ71-190 - Parts List

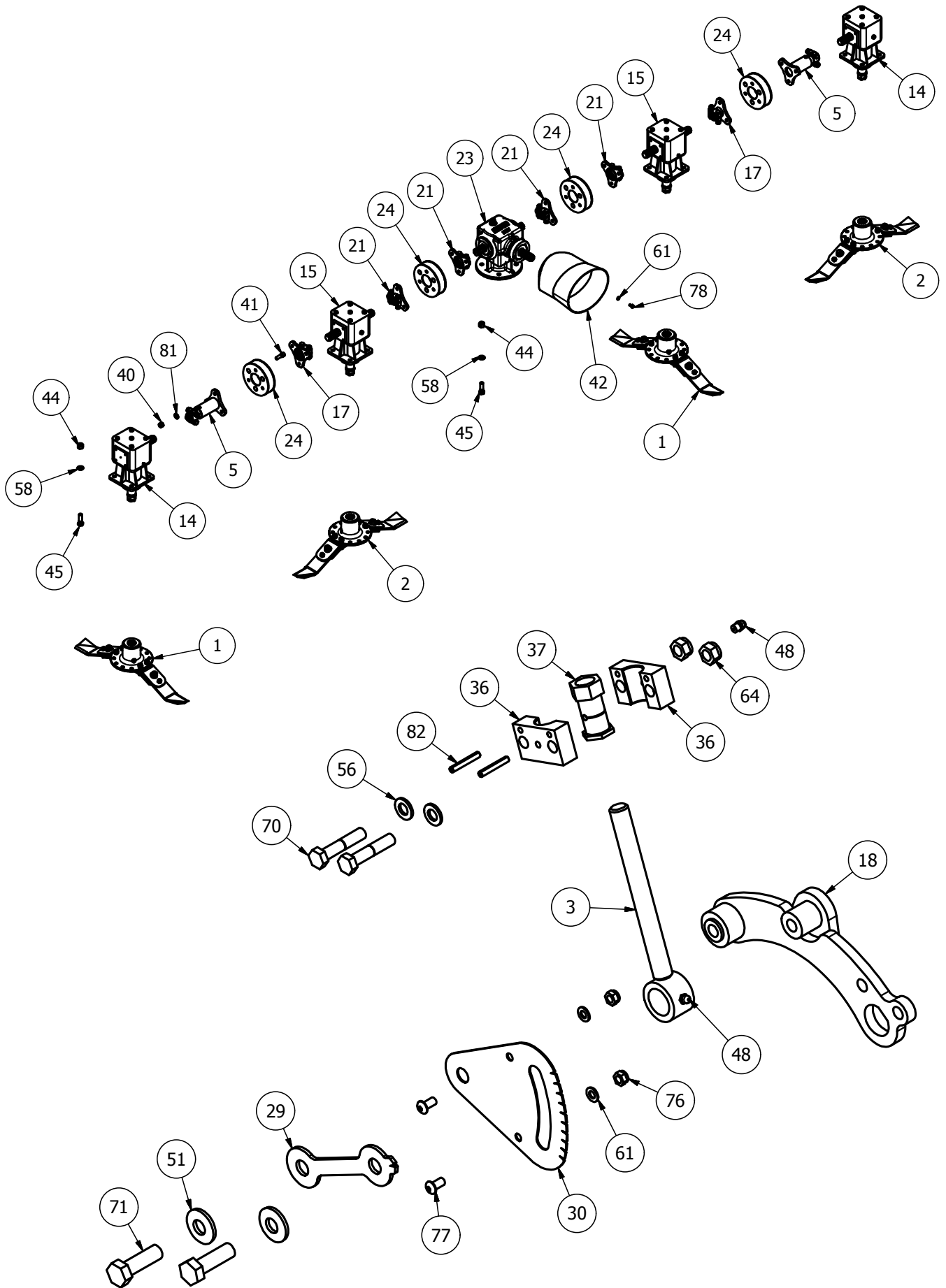
Item	Part No.	Description	Qty
1	SW2-190-BSCRPR-01	MJ71-190 SWIFT SCRAPER	2
<b>2*</b>	<b>725-BLD8-FL5</b>	<b>725 FIXED BLADE (Anti_Clk)</b>	<b>2</b>
<b>2*</b>	<b>725-BLD4-FL</b>	<b>725 FIXED BLADE (Anti_Clk)</b>	<b>2</b>
<b>3*</b>	<b>725-BLD4-FR</b>	<b>725 FIXED BLADE (Clk)</b>	<b>1</b>
<b>3*</b>	<b>725-BLD4-FR</b>	<b>725 FIXED BLADE (Clk)</b>	<b>1</b>
4	8400RM-HG65	M20 THREADED ADJUSTER	4
5	DRV-SWT240	SWIFT240/190 DRIVE	1
6	GM63-ROL	6300 ROLLER	2
7	8400RM-CV14	GUARD BASE MOUNT	2
8	8400RM-CV20	GUARD BASE MOUNT	1
9	8400RM-RPV01	ROLLER PIVOT	2
10	8400RM-RPV10	ROLLER PIVOT	2
11	SW2-190-BD01	190 BODY	1
12	SW2-190-CVR	SWIFT 190 GEARBOX COVER	1
13	SW2-190-GBR01	UNDERSIDE TROUGH	1
14	SW2-240-LK01	LINKAGE MOUNT	1
15	SW2-240-LK01H	LINKAGE MOUNT	1
<b>16*</b>	<b>LF205H</b>	<b>6 SPLINE 'L' BOX RATIO 1.92</b>	<b>1</b>
<b>17*</b>	<b>LF205TH</b>	<b>6 SPLINE 'T' BOX RATIO 1.92</b>	<b>2</b>
18	5582	DIA 38.3-42mm INSERT	4
19	60CSD	60mm STAR DRIVE	1
20	909-AF-01	909 A-FRAME	1
21	CM25-DRV	6 SPLINE STAR DRIVE	4
22	LS002	ANTI VIBRATION RUBBER	6
23	GB.03499	6 SPLINE 'T' BOX 1:1.9 3-way	1
23	JJ.03499	6 SPLINE 'T' BOX 1:1.9 3-way	1
24	MJRC-113	113 PCD RUBBER COUPLING	3
25	SW2-190-DF01	RUBBER FLAP	1
27	6300RM-AF02	AERO-FOIL (6300)	1
28	6300RM-AF02H	AERO-FOIL (6300)	1
29	6300RM3-CV23	RUBBER CLAMP	1
30	8400RM-HG03	HEIGHT INDICATOR	4
31	8400RM-HG04	HEIGHT GUIDE	4
32	SCRPR-SQ12-05	SCRAPER MOUNT	4
33	SW-240-LM09	SUPPORT PLATE	4
34	SW2-240-DF02	REAR DEFLECTOR	1
35	SW2-240-DF02H	REAR DEFLECTOR	1
36	8400RM-HG76	HEIGHT PIVOT BLOCK	8
37	8400RM-HG77	M20 HEX ADJUSTER	4
38	111044	DIA 26-30mm INSERT	8
39	11874	CAT 1/2 LINK PIN	2
40	12HEX109	1/2F HEX 10.9	18
41	12x112FSKS	1/2"x1 1/2" FINE SKT HEAD 12.9	18
42	190.000.545	PTO GUARD (EXTENDED)	1
43	465684	DIA 14mm INSERT	8
44	5/8F	5/8" FINE NYLOC NUT	16
45	58x2FBZP	5/8"x2" FINE BOLT	16
46	81	CAT 2 PIN DIA 25.4x110mm	1
47	8400STR	8400RM MKII STRAP (2130mm)	1
48	851	GREASE NIPPLE M8x1.25 STR	8
49	AN099/10	LINCH PIN DIA 9.5	3
50	CP176-181MG1	45mm INSERT	4

51	CW39174	DISC SPRING (YELLOW)	8
52	D281421	DISC SPRING 28x14.2x1.0	4
53	DH-10404	DOCUMENT HOLDER 350x85	1
54	DSR-1-2	1/2" RATED 'D' SHACKLE	2
55	DSR-5-8	5/8" RATED 'D' SHACKLE	2
56	FWM12	M12 FLAT WASHER	120
57	FWM12XL	M12 FLAT WASHER (X-LARGE)	8
58	FWM16	M16 FLAT WASHER	16
59	FWM20	M20 FLAT WASHER	8
60	FWM5	M5 FLAT WASHER	4
61	FWM8	M8 FLAT WASHER	22
62	G1106	BRASS TAP CONNECTOR	2
63	I-257	3/4x1/2 REDUCER BUSH	2
64	M12	M12 NYLOC NUT	98
65	M12x20SZP	M12x20 SET BOLT	8
66	M12x25SKBH	M12x25 SKT BTN HEAD 10.9	8
67	M12x30SKBH	M12x30 SKT BTN HEAD 10.9	64
68	M12x35SKBH	M12x35 SKT BTN HEAD 10.9	10
69	M12x40BZP	M12x40 BOLT	4
70	M12x60BZP	M12x60 BOLT	8
71	M16x50SZP	M16x50 SET BOLT	8
72	M20	M20 NYLOC NUT	2
73	M20x120BZP	M20x120 BOLT	2
74	M5	M5 NYLOC NUT	4
75	M5x16SZP	M5x16 SET BOLT	4
76	M8	M8 NYLOC NUT	16
77	M8x16SKBH	M8x16 SKT BTN HEAD 10.9	8
78	M8x16SZP	M8x16 SET BOLT	4
79	M8x20SKBH	M8x20 SKT BUTTON HEAD 10.9	2
80	M8x30SKBH	M8x30 SKT BUTTON HEAD 10.9	6
81	NL12SP	M12 SP NORDLOCK	26
82	S1215	ROLL PIN DIA 6x40	8

\* - further breakdown provided









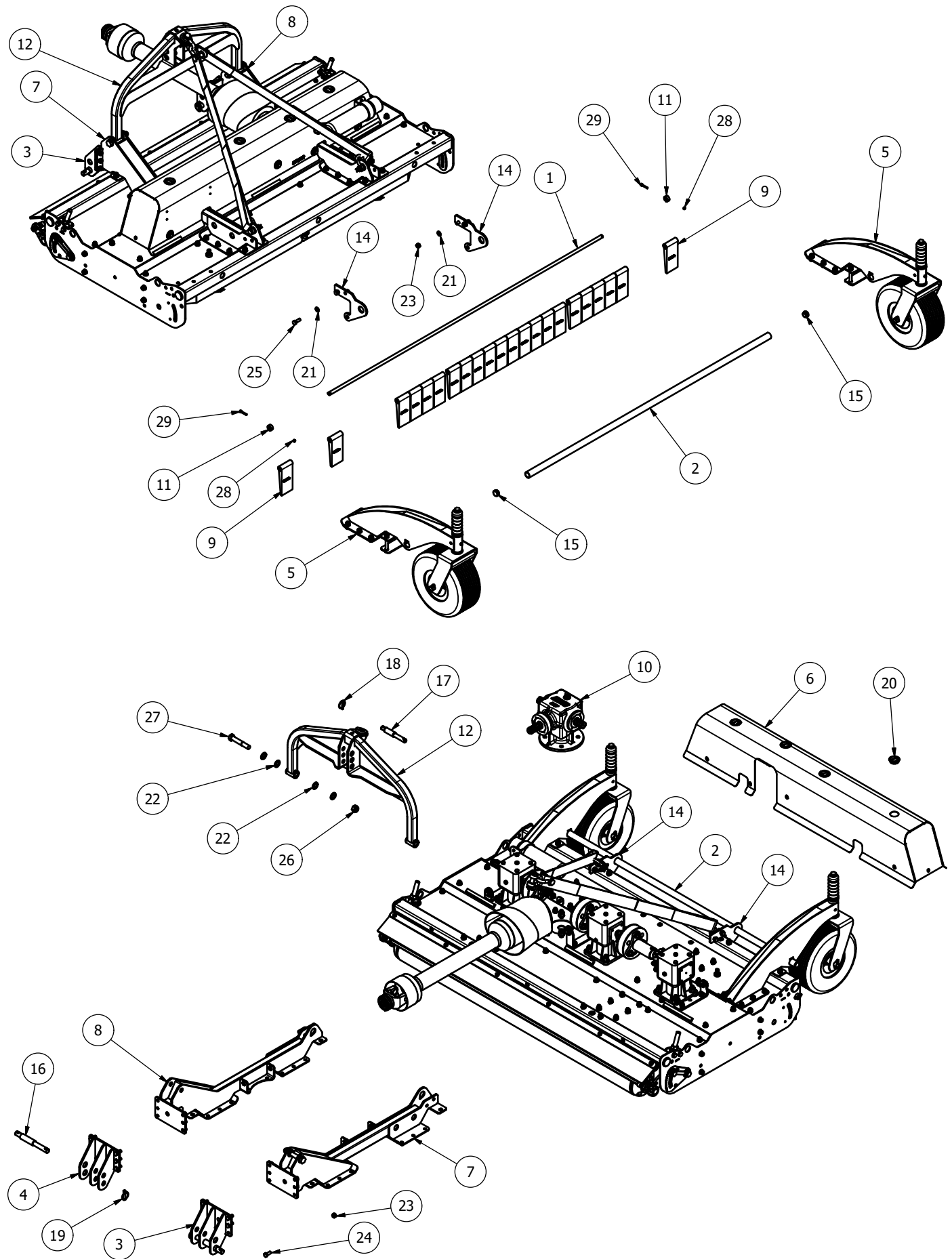
## MJ71-240 - Parts List

Item	Part No.	Description	Qty
1*	725-BLD8-FL5	725 FIXED BLADE (Anti_Clk)	2
1*	725-BLD4-FL	725 FIXED BLADE (Anti_Clk)	2
2*	725-BLD4-FR	725 FIXED BLADE (Clk)	2
2*	725-BLD4-FR	725 FIXED BLADE (Clk)	2
3	8400RM-HG65	M20 THREADED ADJUSTER	4
4	SW2-240-BSCRPR-01	MJ71-240 SWIFT SCRAPER	2
5	DRV-SWT240	SWIFT240/190 DRIVE	2
6	GM84-ROL	8400 ROLLER	2
7	8400RM-CV14	GUARD BASE MOUNT	2
8	8400RM-CV20	GUARD BASE MOUNT	2
9	SW2-240-BD01	240 BODY	1
10	SW2-240-CVR	SWIFT 240 GEARBOX COVER	1
11	SW2-240-GBR01	UNDERSIDE TROUGH	1
12	SW2-240-LK01	LINKAGE MOUNT	1
13	SW2-240-LK01H	LINKAGE MOUNT	1
14*	LF205H	6 SPLINE 'L' BOX RATIO 1.92	2
15*	LF205TH	6 SPLINE 'T' BOX RATIO 1.92	2
16	5582	DIA 38.3-42mm INSERT	4
17	60CSD	60mm STAR DRIVE	2
18	8400RM-RPV01	ROLLER PIVOT	2
19	8400RM-RPV10	ROLLER PIVOT	2
20	909-AF-01	909 A-FRAME	1
21	CM25-DRV	6 SPLINE STAR DRIVE	4
22	LS002	ANTI VIBRATION RUBBER	8
23	GB.03499	6 SPLINE 'T' BOX 1:1.9 3-way	1
23	JJ.03499	6 SPLINE 'T' BOX 1:1.9 3-way	1
24	MJRC-113	113 PCD RUBBER COUPLING	4
25	SW2-240-DF01	RUBBER FLAP	1
27	8400RM-AF03	AERO-FOIL (8400)	1
28	8400RM-AF03H	AERO-FOIL (8400)	1
29	8400RM-HG03	HEIGHT INDICATOR	4
30	8400RM-HG04	HEIGHT GUIDE	4
31	8400RM3-CV23	RUBBER CLAMP	1
32	SCRPR-SQ12-05	SCRAPER MOUNT	4
33	SW-240-LM09	SUPPORT PLATE	4
34	SW2-240-DF02	REAR DEFLECTOR	1
35	SW2-240-DF02H	REAR DEFLECTOR	1
36	8400RM-HG76	HEIGHT PIVOT BLOCK	8
37	8400RM-HG77	M20 HEX ADJUSTER	4
38	111044	DIA 26-30mm INSERT	8
39	11874	CAT 1/2 LINK PIN	2
40	12HEX109	1/2F HEX 10.9	24
41	12x112FSKS	1/2"x1 1/2" FINE SKT HEAD 12.9	24
42	190.000.545	PTO GUARD (EXT OVAL)	1
43	465684	DIA 14mm INSERT	8
44	5/8F	5/8" FINE NYLOC NUT	20
45	58x2FBZP	5/8"x2" FINE BOLT	20
46	81	CAT 2 PIN DIA 25.4x110mm	1
47	8400STR	8400RM MKII STRAP (2130mm)	1
48	851	GREASE NIPPLE M8x1.25 STR	8
49	AN099/10	LINCH PIN DIA 9.5	3
50	CP176-181MG1	45mm INSERT	5

51	CW39174	DISC SPRING 39x17x4	8
52	D281421	DISC SPRING 28x14.2x1.0	4
53	DH-10404	DOCUMENT HOLDER 350x85	1
54	DSR-1-2	1/2" RATED 'D' SHACKLE	2
55	DSR-5-8	5/8" RATED 'D' SHACKLE	2
56	FWM12	M12 FLAT WASHER	124
57	FWM12XL	M12 FLAT WASHER (X-LARGE)	8
58	FWM16	M16 FLAT WASHER	20
59	FWM20	M20 FLAT WASHER	8
60	FWM5	M5 FLAT WASHER	4
61	FWM8	M8 FLAT WASHER	22
62	G1106	BRASS TAP CONNECTOR	2
63	I-257	3/4x1/2 REDUCER BUSH	2
64	M12	M12 NYLOC NUT	102
65	M12x20SZP	M12x20 SET BOLT	8
66	M12x25SKBH	M12x25 SKT BUTTON HEAD 10.9	8
67	M12x30SKBH	M12x30 SKT BUTTON HEAD 10.9	68
68	M12x35SKBH	M12x35 SKT BUTTON HEAD 10.9	10
69	M12x40BZP	M12x40 BOLT	4
70	M12x60BZP	M12x60 BOLT	8
71	M16x50SZP	M16x50 SET BOLT	8
72	M20	M20 NYLOC NUT	2
73	M20x120BZP	M20x120 BOLT	2
74	M5	M5 NYLOC NUT	4
75	M5x16SZP	M5x16 SET BOLT	4
76	M8	M8 NYLOC NUT	16
77	M8x16SKBH	M8x16 SKT BUTTON HEAD 10.9	8
78	M8x16SZP	M8x16 SET BOLT	4
79	M8x20SKBH	M8x20 SKT BUTTON HEAD 10.9	2
80	M8x30SKBH	M8x30 SKT BUTTON HEAD 10.9	6
81	NL12SP	M12 SP NORDLOCK	32
82	S1215	ROLL PIN DIA 6x40	8

\* - further breakdown provided

# MJ71-190FM - General Assembly

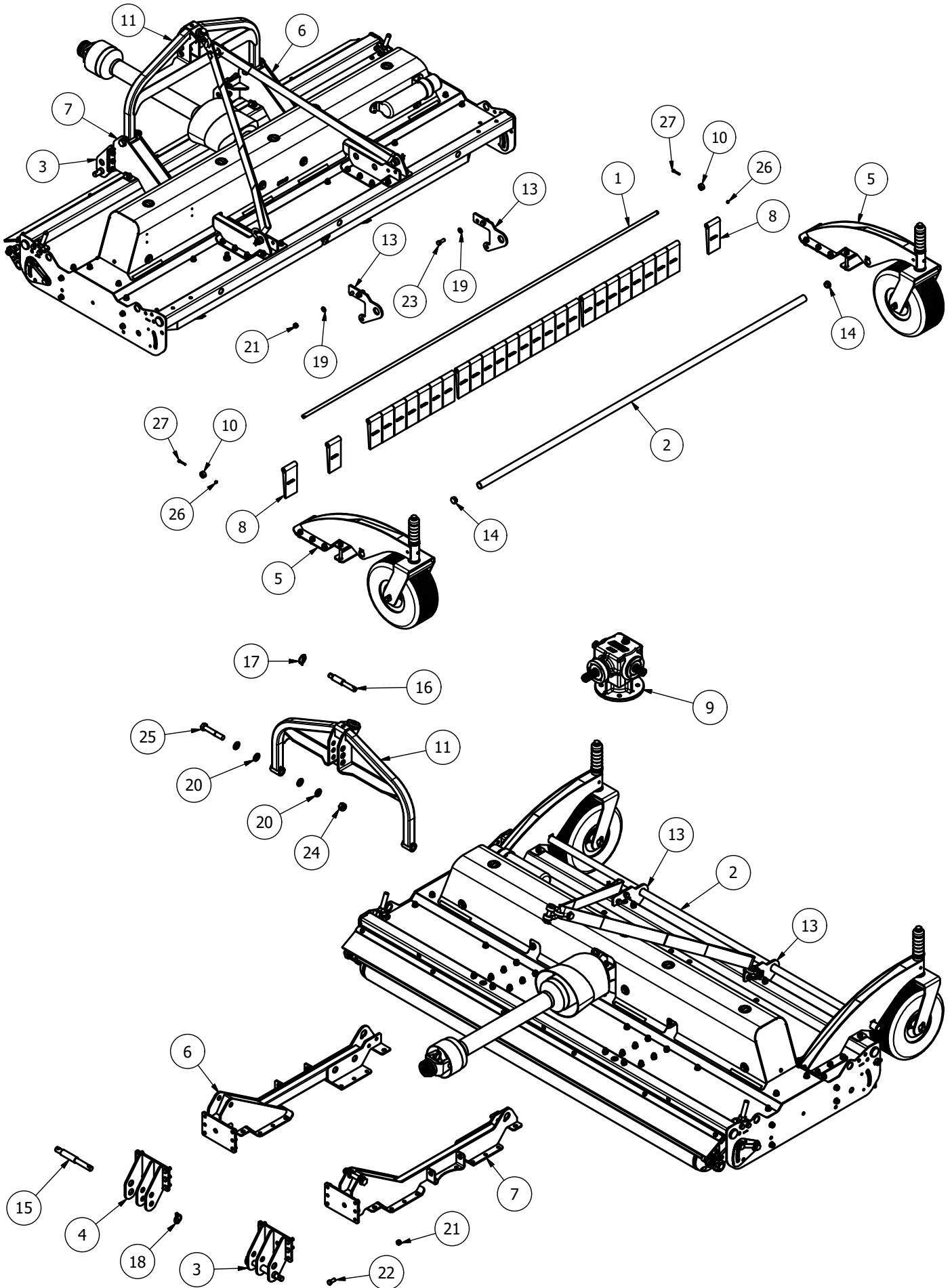


## MJ71-190FM - Parts List

Item	Part No.	Description	Qty
1	MJ70-190-FMGF02	FLAP PIVOT SHAFT	1
2	MJ70-190-FMGF15	GUARD TUBE	1
3	SW-190-FLPM01	LINK PIN MOUNT	1
4	SW-190-FLPM01H	LINK PIN MOUNT	1
<b>5*</b>	<b>SW2-CW-01</b>	<b>SWIFT CASTOR (FRONT)</b>	<b>2</b>
6	SW2-190-CVRF	SWIFT 190 COVER (FRONT)	1
7	SW2-190FM-LK01	FRONT MOUNT LINKAGE	1
8	SW2-190FM-LK01H	LINKAGE MOUNT	1
9	BAN80X180NI	FLAP 80x180 WEIGHTED	22
10	GB.03512	6 SPLINE 'T' BOX 1:1	1
11	S96	DIA 5/8"x1 1/8"x1/2" COLLAR	2
12	SW-FM-C12	SWIFT A FRAME CAT 1-2	1
14	SW2-240-FMGF01	FLAP SUPPORT (FRONT)	2
15	111044	DIA 26-30mm INSERT	10
16	11874	CAT 1/2 LINK PIN	2
17	3234	CAT 1/2 TOP LINK PIN	1
18	37	LINCH PIN DIA 6	1
19	AN099/10	LINCH PIN DIA 9.5	2
20	CP176-181MG1	45mm INSERT	4
21	FWM12	M12 FLAT WASHER	122
22	FWM20	M20 FLAT WASHER	8
23	M12	M12 NYLOC NUT	104
24	M12x30SZP	M12x30 SET BOLT	12
25	M12x35BZP	M12x35 BOLT	4
26	M20	M20 NYLOC NUT	2
27	M20x120BZP	M20x120 BOLT	2
28	M6	M6 NYLOC NUT	2
29	M6x40SZP	M6x40 SET BOLT	2

\* - further breakdown provided

# MJ71-240FM - General Assembly



## MJ71-240FM - Parts List

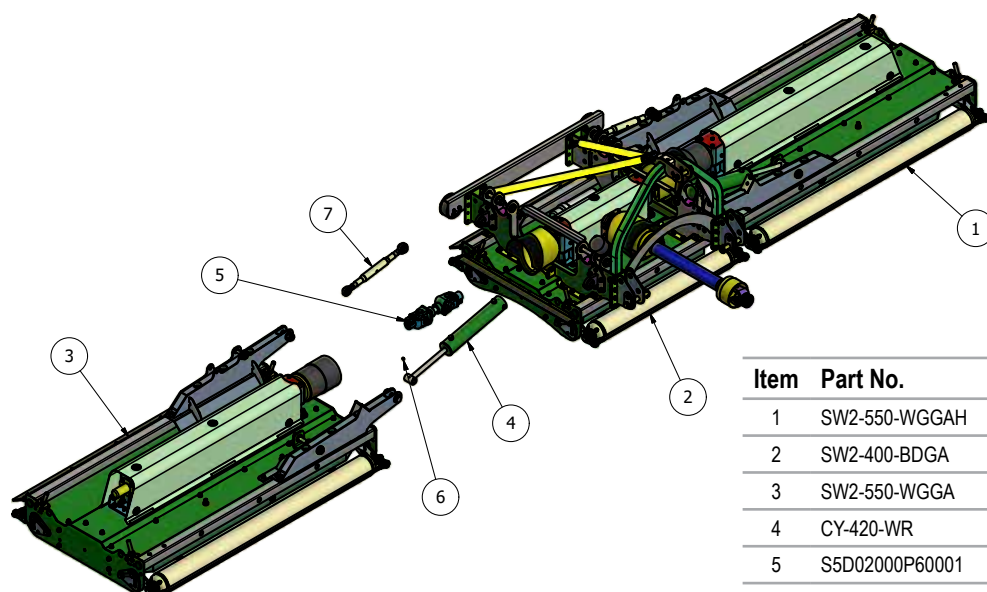
Item	Part No.	Description	Qty
1	MJ70-240-FMGF02	FLAP PIVOT SHAFT	1
2	MJ70-240-FMGF15	GUARD TUBE	1
3	SW-190-FLPM01	LINK PIN MOUNT	1
4	SW-190-FLPM01H	LINK PIN MOUNT	1
<b>5*</b>	<b>SW2-CW-01</b>	<b>SWIFT CASTOR (FRONT)</b>	<b>2</b>
6	SW2-240FM-LK01	FRONT MOUNT LINKAGE	1
7	SW2-240FM-LK01H	LINKAGE MOUNT	1
8	BAN80X180	GUARD FLAP 80x155	28
9	GB.03512	6 SPLINE 'T' BOX 1:1	1
10	S96	DIA 5/8"x1 1/8"x1/2" COLLAR	2
11	SW-FM-C12	SWIFT A FRAME CAT 1-2	1
13	SW2-240-FMGF01	FLAP SUPPORT (FRONT)	2
14	111044	DIA 26-30mm INSERT	10
15	11874	CAT 1/2 LINK PIN	2

16	3234	CAT 1/2 TOP LINK PIN	1
17	37	LINCH PIN DIA 6	1
18	AN099/10	LINCH PIN DIA 9.5	2
19	FWM12	M12 FLAT WASHER	126
20	FWM20	M20 FLAT WASHER	8
21	M12	M12 NYLOC NUT	108
22	M12x30SZP	M12x30 SET BOLT	12
23	M12x35BZP	M12x35 BOLT	4
24	M20	M20 NYLOC NUT	2
25	M20x120BZP	M20x120 BOLT	2
26	M6	M6 NYLOC NUT	2
27	M6x40SZP	M6x40 SET BOLT	2

\* - further breakdown provided

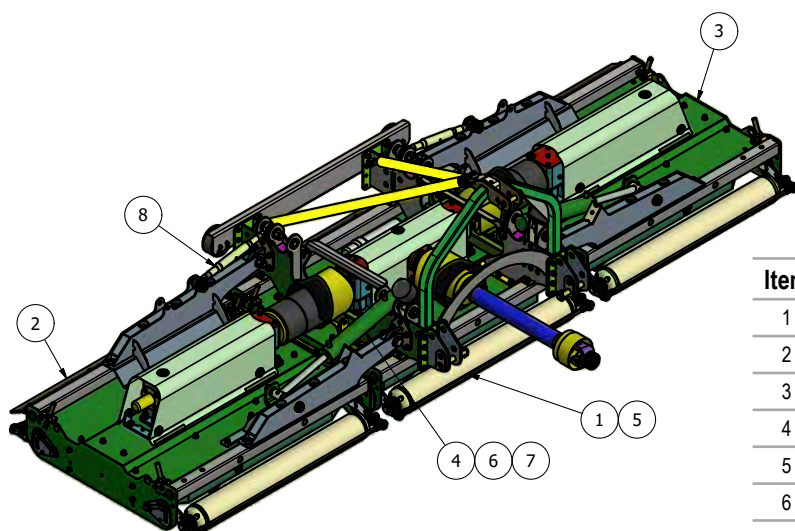
## MJ71 Spare Parts - MJ71-540/400/340

### MJ71-540 - Overview



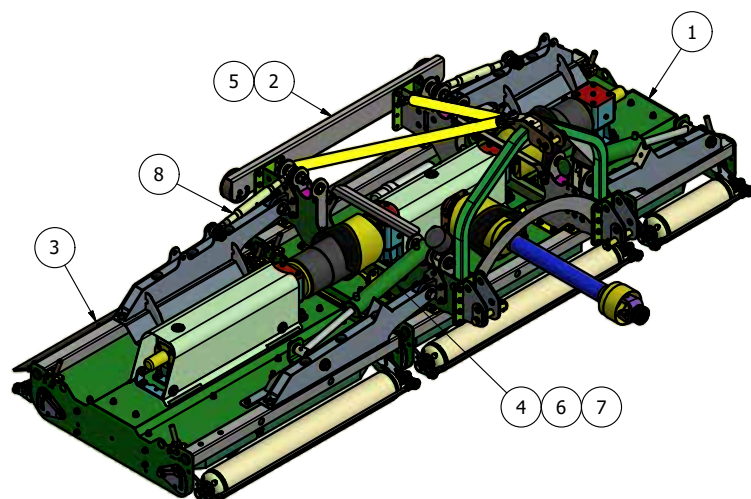
Item	Part No.	Description	Qty
1	SW2-550-WGGAH	550 WING	1
2	SW2-400-BDGA	400/550 SWIFT BODY	1
3	SW2-550-WGGA	SWIFT 550 WING	1
4	CY-420-WR	CYCLONE WING RAM	2
5	S5D02000P60001	CLAMP COLLAR PTO	2
6	851	GREASE NIPPLE M8x1.25 STR	2
7	S482-A	CAT 1-2 TOP LINK	2

### MJ71-400 - Overview



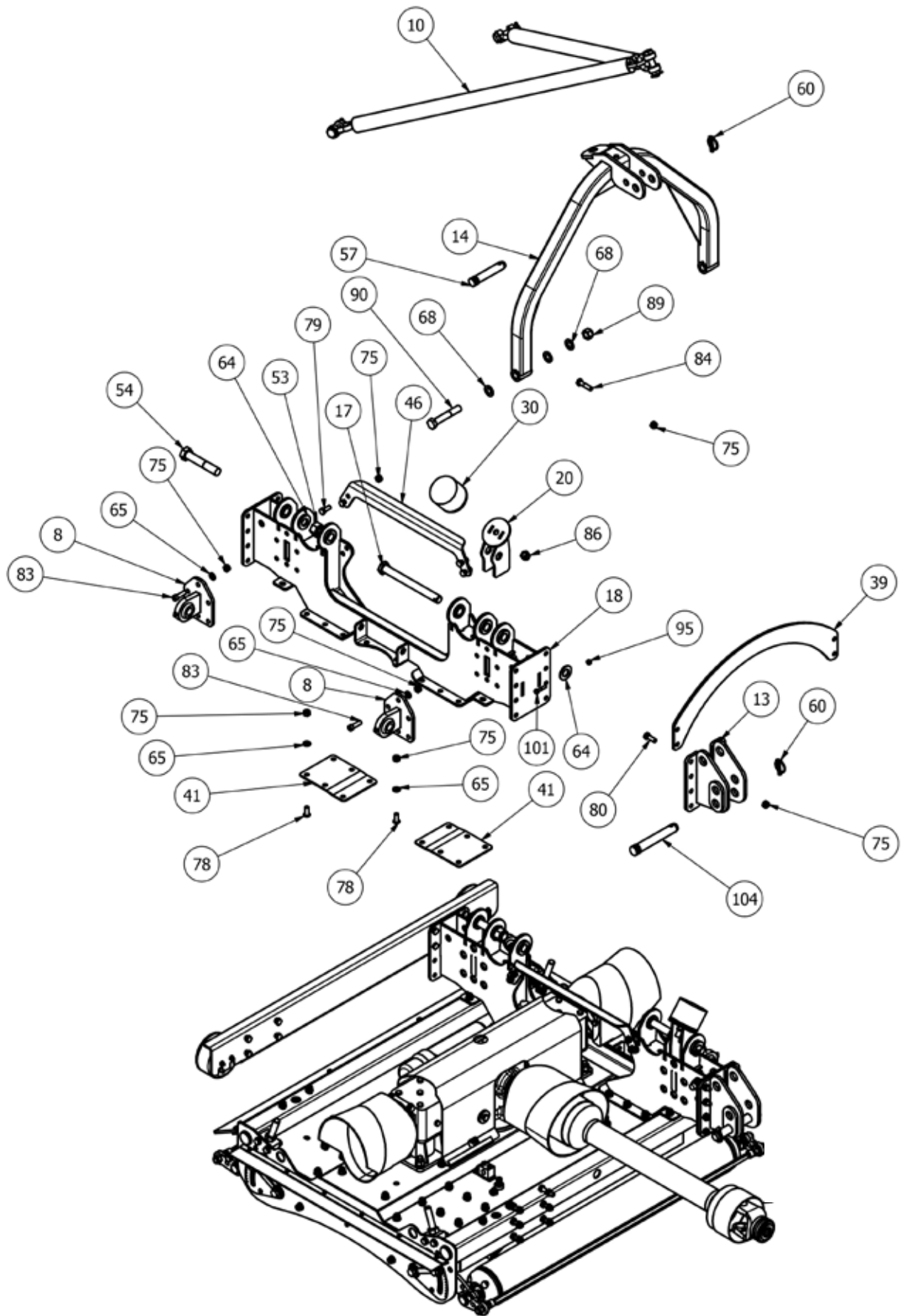
Item	Part No.	Description	Qty
1	SW2-400-BDGA	400/550 SWIFT BODY	1
2	SW2-400-WGGA	SWIFT 410 WING	1
3	SW2-400-WGGAH	SWIFT 400 WING	1
4	CY-350-WR	CYCLONE WING RAM	2
5	S5D02000P60001	CLAMP COLLAR PTO	2
6	8-6-7-00161	3/8" BREATHER PLUG (68085600)	2
7	851	GREASE NIPPLE M8x1.25 STR	2
8	S482-A	CAT 1-2 TOP LINK	2

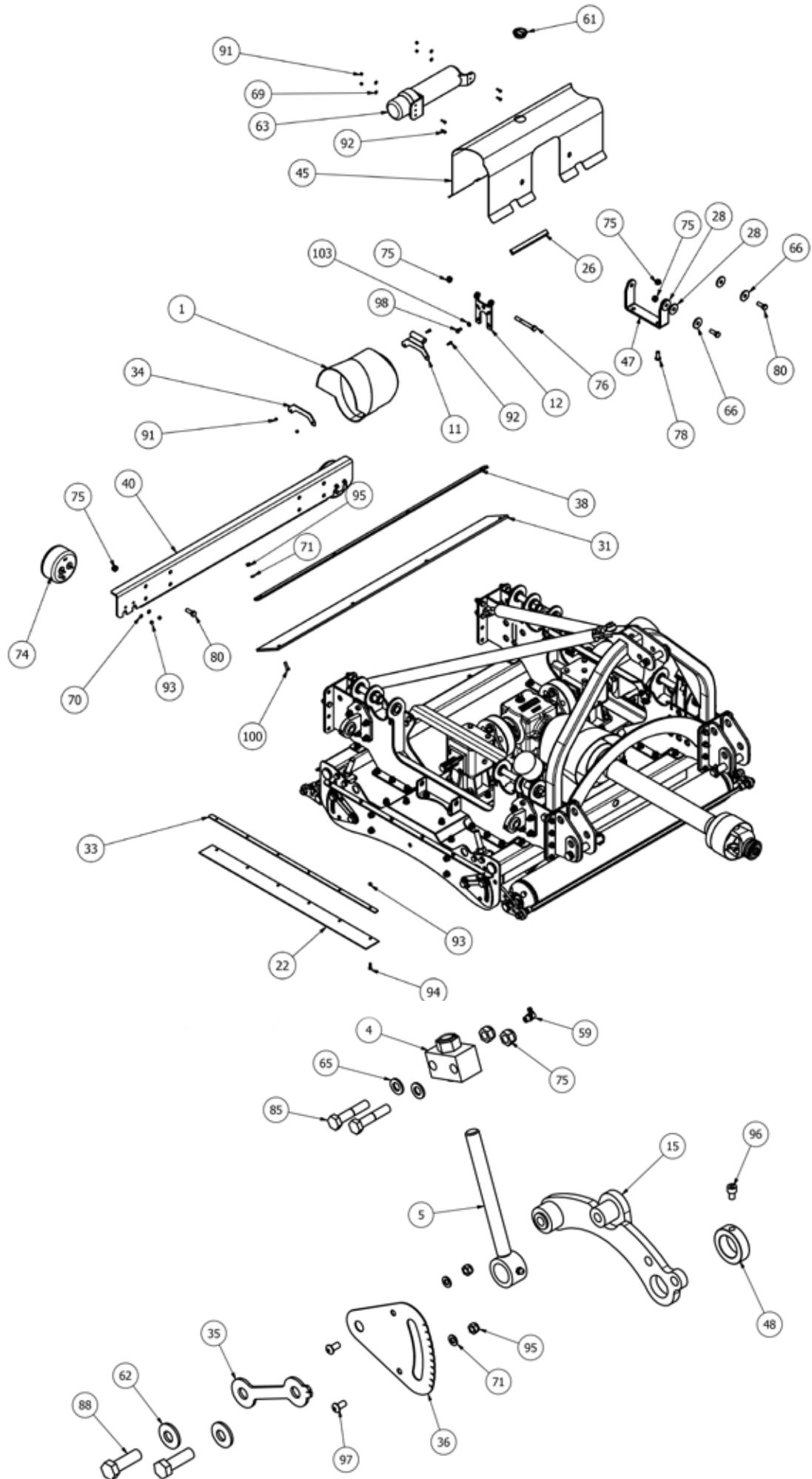
### MJ71-340 - Overview



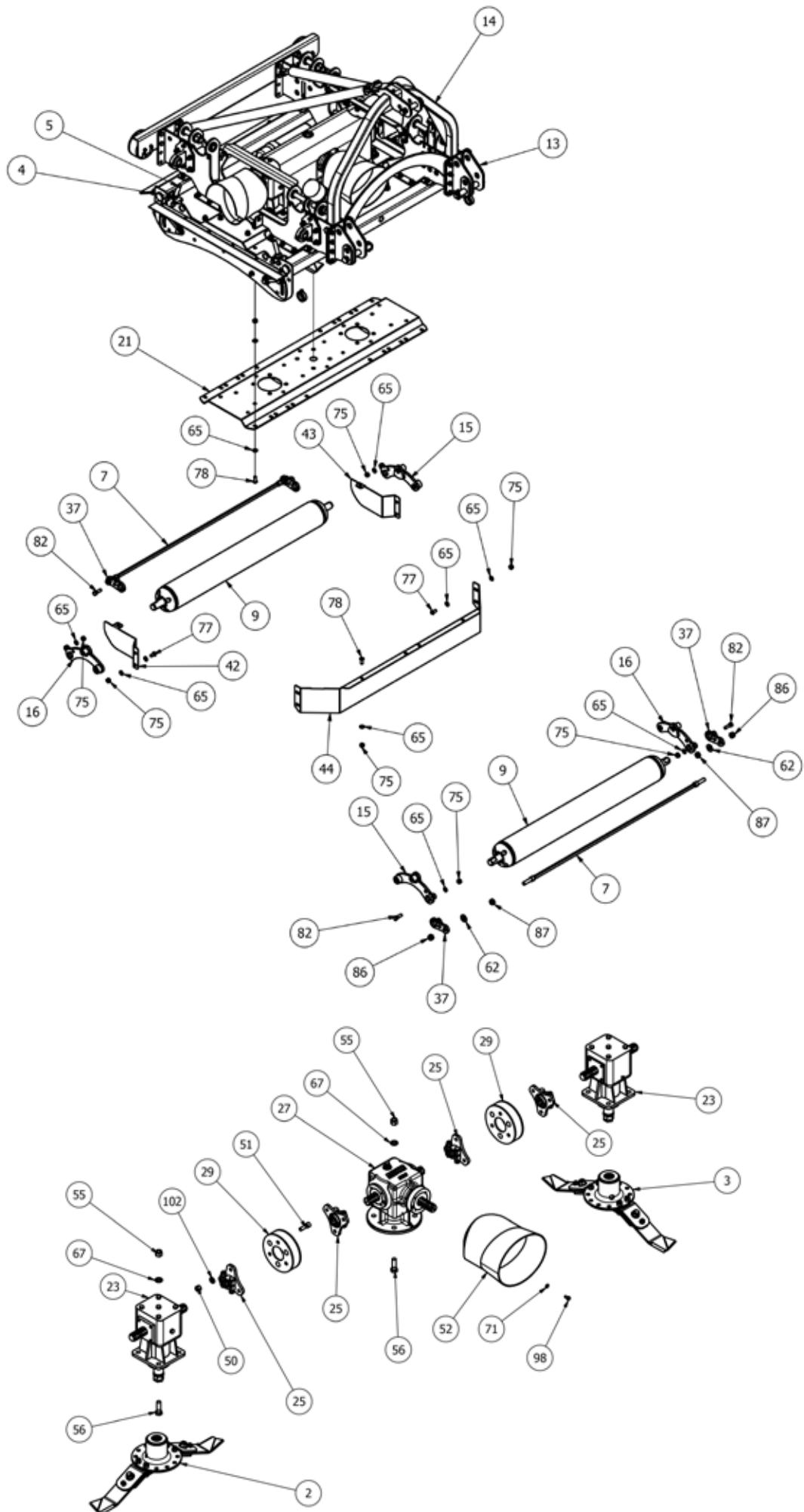
Item	Part No.	Description	Qty
1	SW2-270-WGGAH	SWIFT 270 WING	1
2	SW2-400-BDGA	400/550 SWIFT BODY	1
3	SW2-400-WGGA	SWIFT 410 WING	1
4	CY-350-WR	CYCLONE WING RAM	2
5	S5D02000P60001	CLAMP COLLAR PTO	2
6	8-6-7-00161	3/8" BREATHER PLUG (68085600)	2
7	851	GREASE NIPPLE M8x1.25 STR	2
8	S482-A	CAT 1-2 TOP LINK	2

# MJ71-340/400/540 Body









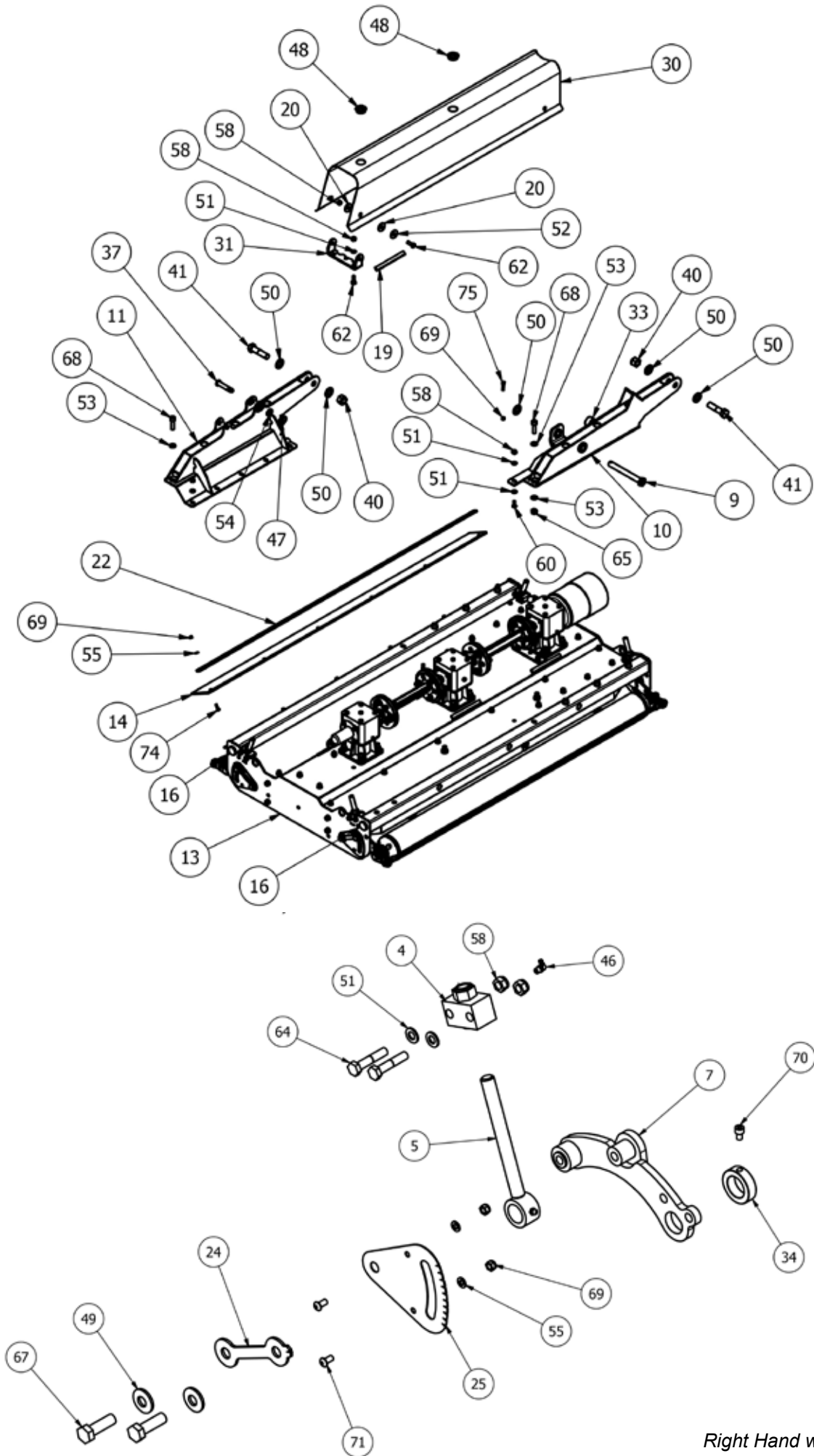
## MJ71-340/400/540 Body- Parts List

Item	Part No.	Description	Qty
1	11RM-C16	MODIFIED OVAL GUARD	2
2*	725-BLD8-FL5	725 FIXED BLADE (Anti_Clk)	1
2*	725-BLD4-FL	725 FIXED BLADE (Anti_Clk)	1
3*	725-BLD8-FR5	725 FIXED BLADE (Anti_Clk)	1
3*	725-BLD4-FR	725 FIXED BLADE (Clk)	1
4	8400RM-HG55	M20 ADJUSTER BLOCK	4
5	8400RM-HG65	M20 THREADED ADJUSTER	4
6	MJ70-320-HYD05	HYDRAULIC BLOCK	2
7	SW2-400-BSCRPR-03	400 BODY SCRAPER BAR	2
8	SW2-400-PVE01	WING PIVOT EYE	4
9	SW2-400-ROLB	400 BODY ROLLER	2
10	SW2-400-STRP01	400 SWIFT CHAIN SLING	1
11	11RM-C10	COVER PIVOT	2
12	11RM-C11	COVER PIVOT	2
13	2800CM-LK	LOWER LINK MOUNT	2
14	3000T-AF-01	3000T A-FRAME	1
15	8400RM-RPV01	ROLLER PIVOT	2
16	8400RM-RPV10	ROLLER PIVOT	2
17	MJ30-350-LK30	PIVOT PIN	2
18	SW2-270-LK01	LINKAGE/WING MOUNT	2
19	SW2-400-BD01	400 BODY	1
20	SW2-400-BF01	BUFFER STAND	2
21	SW2-400-GBR01	BODY UNDERSIDE TROUGH	1
22	11000RM2-CV40	EDGE RUBBER	2
23*	LF205TH	6 SPLINE 'T' BOX RATIO 1.92	2
24	5582	DIA 38.3-42mm INSERT	4
25	CM25-DRV	6 SPLINE STAR DRIVE	4
26	LS002	ANTI VIBRATION RUBBER	4
27	GB.03499	6 SPLINE 'T' BOX 1:1.9 3-way	1
27*	JJ.03499	6 SPLINE 'T' BOX 1:1.9 3-way	1
28	MJ40-270-RW01	RUBBER WASHER	8
29	MJRC-113	113 PCD RUBBER COUPLING	2
30	MOT75	DIA 100x75 BUFFER	2
31	SW2-270-DF01	RUBBER FLAP	1
33	11000RM2-CV41	EDGE RUBBER CLAMP	2
34	11RM-C14	COVER MOUNT	2
35	8400RM-HG03	HEIGHT INDICATOR	4
36	8400RM-HG04	HEIGHT GUIDE	4
37	SCRPR-SQ12-05	SKT HEAD SCRAPER MOUNT	4
38	SW2-270-CV01	BODY RUBBER CLAMP	1
39	SW2-550-LK01	LINKAGE TIE BASE	1
40	MJ30-350-LK20	LINKAGE BRACE	1
41	SW-240-LM09	SUPPORT PLATE	4
42	SW2-270-DF03	WINGED REAR DEFLECTOR	1
43	SW2-270-DF03H	REAR DEFLECTOR	1
44	SW2-400-AF01	AERO-FOIL (BODY)	1
45	SW2-400-CV01	400 BODY COVER	1
46	SW2-400-LK04	TOP LINKAGE TIE	2
47	SW2-550-CV21	GUARD BASE MOUNT	2
48	RM-RSN3	SHAFT COLLAR DIA 35	4
49	111044	DIA 26-30mm INSERT	8
50	12HEX109	1/2F HEX 10.9	12
51	12x112FSSKS	1/2"x1 1/2" FINE SKT HEAD 12.9	12

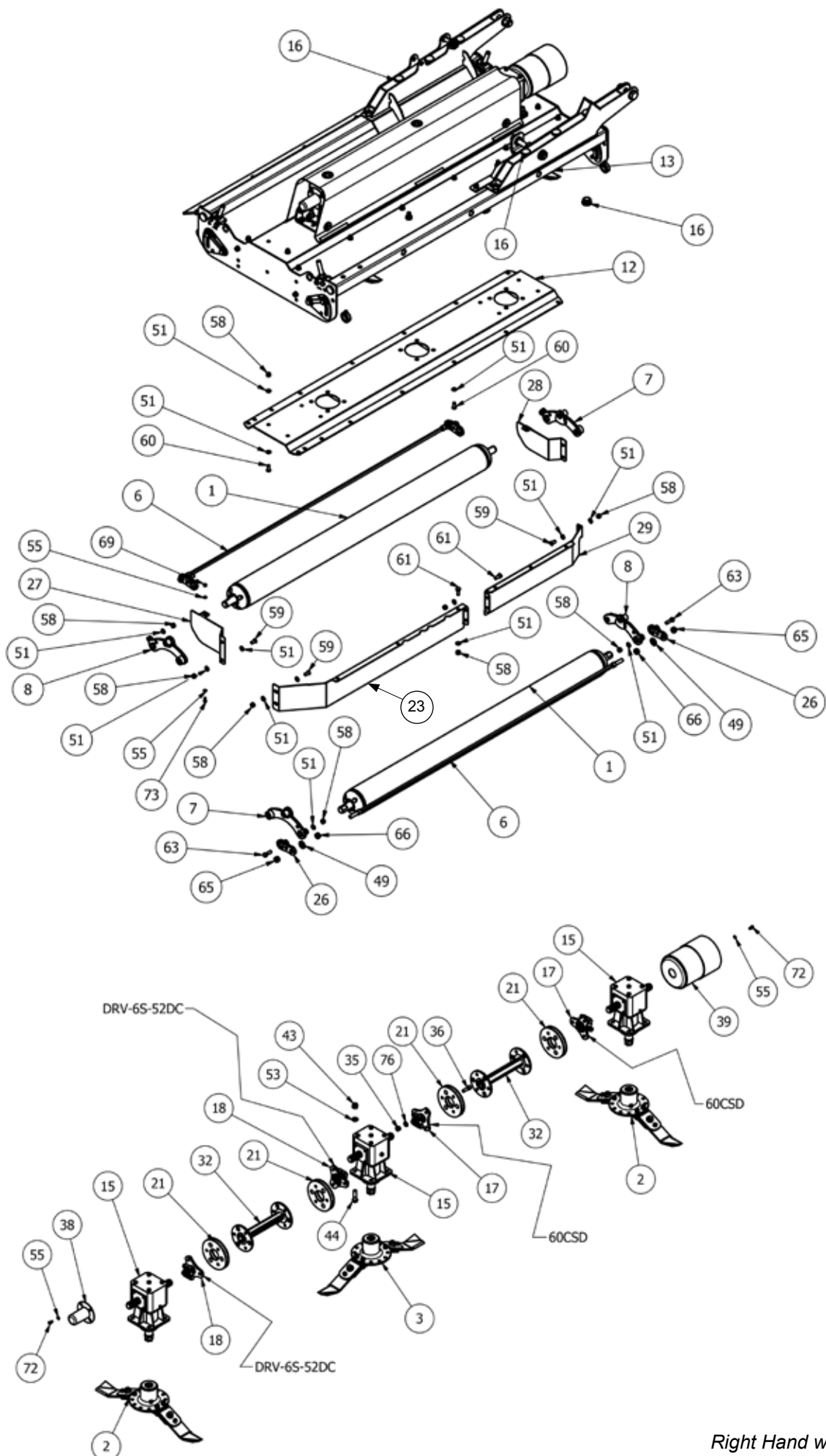
52	190.000.545	PTO GUARD (EXT OVAL)	1
53	1F	1" FINE NYLOC NUT	2
54	1x512FBZP	1"x5 1/2" FINE BOLT	2
55	5/8F	5/8" FINE NYLOC NUT	12
56	58x2FBZP	5/8"x2" FINE BOLT	12
57	81	CAT 2 PIN DIA 25.4x110mm	1
58	851	GREASE NIPPLE M8x1.25 STR	4
59	870	GREASE NIPPLE M8x90x1.25P	4
60	AN099/10	LINCH PIN DIA 9.5	3
61	CP176-181MG1	45mm INSERT	1
62	CW39174	DISC SPRING 39x17x4	12
63	DH-10404	DOCUMENT HOLDER 350x85	1
64	FW1	DIA 1" FLAT WASHER	4
65	FWM12	M12 FLAT WASHER	128
66	FWM12XL	M12 FLAT WASHER (X-LARGE)	4
67	FWM16	M16 FLAT WASHER	12
68	FWM20	M20 FLAT WASHER	6
69	FWM5	M5 FLAT WASHER	4
70	FWM6	M6 FLAT WASHER	4
71	FWM8	M8 FLAT WASHER	20
72	G1106	BRASS TAP CONNECTOR	2
73	I-257	3/4x1/2 REDUCER BUSH	2
74	LALK027	LED LIGHT KIT (FULL)	2
75	M12	M12 NYLOC NUT	144
76	M12x100BZP	M12x100 BOLT	2
77	M12x25SKBH	M12x25 SKT BUTTON HD 10.9	8
78	M12x30SKBH	M12x30 SKT BUTTON HD 10.9	52
79	M12x30SZP	M12x30 SET BOLT	8
80	M12x35BZP	M12x35 BOLT	24
81	M12x35SKBH	M12x35 SKT BUTTON HD 10.9	10
82	M12x40BZP	M12x40 BOLT	4
83	M12x40SKS	M12x40 SKT HEAD SCREW	24
84	M12x50BZP	M12x50 BOLT	4
85	M12x60BZP	M12x60 BOLT	8
86	M16	M16 NYLOC NUT	6
87	M16HEX	M16 PLAIN NUT	4
88	M16x50SZP	M16x50 SET BOLT	8
89	M20	M20 NYLOC NUT	2
90	M20x120BZP	M20x120 BOLT	2
91	M5	M5 NYLOC NUT	8
92	M5x16SZP	M5x16 SET BOLT	8
93	M6	M6 NYLOC NUT	16
94	M6x20SZP	M6x20 SET BOLT	12
95	M8	M8 NYLOC NUT	16
96	M8x12SKS	M8x12mm SKT HEAD 12.9	4
97	M8x16SKBH	M8x16 SKT BUTTON HEAD 10.9	8
98	M8x16SZP	M8x16 SET BOLT	12
99	M8x20SKBH	M8x20 SKT BUTTON HEAD 10.9	2
100	M8x30SKBH	M8x30 SKT BUTTON HEAD 10.9	4
101	M8x40BZP	M8x40 BOLT	2
102	NL12SP	M12 SP NORDLOCK	12
103	NL8SP	M8 SP NORDLOCK	8
104	S112	CAT 2 PIN DIA 28.5x159mm	2

\* - further details provided

# MJ71-540 Wing



Right Hand wing shown



Right Hand wing shown

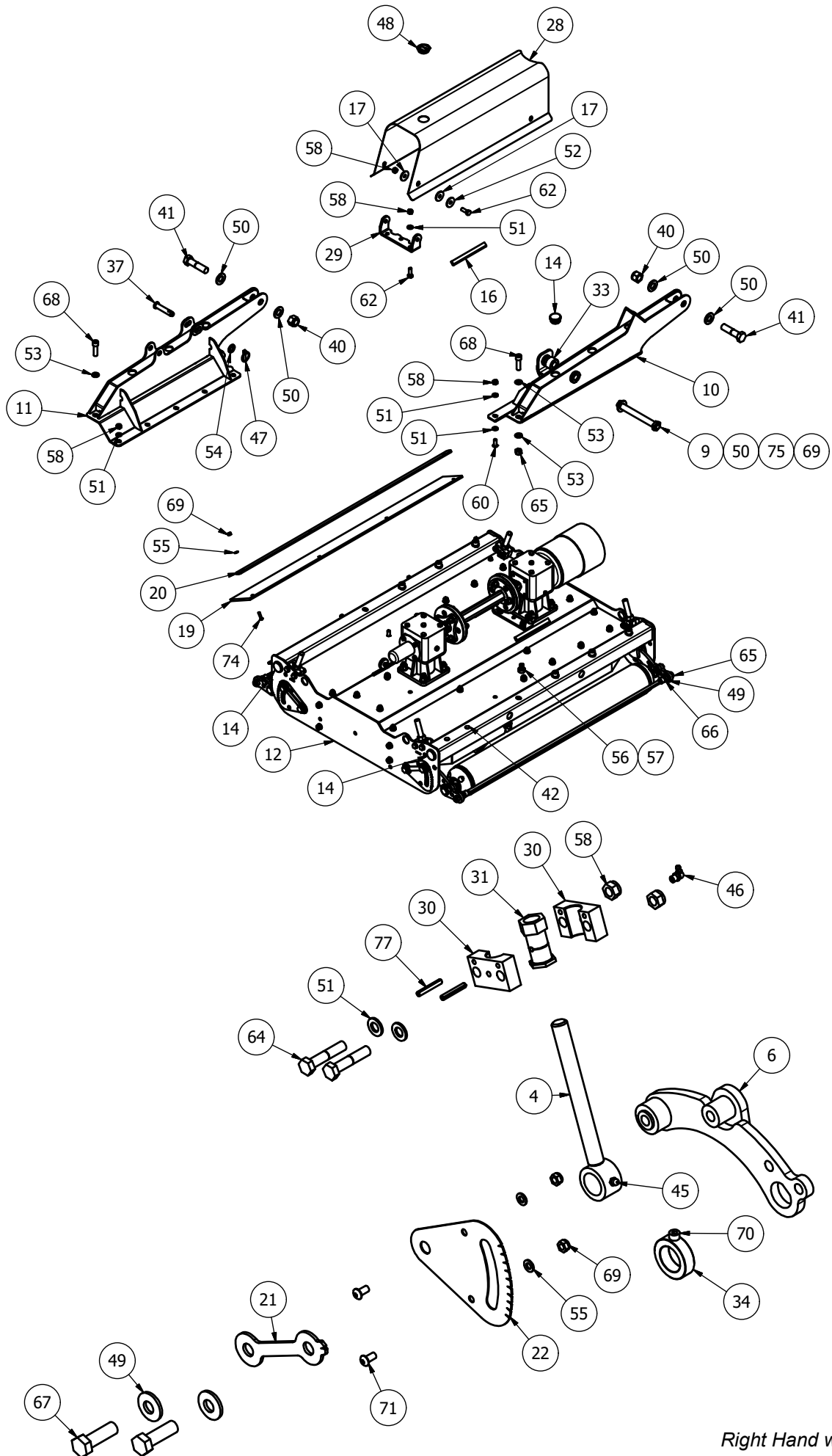
## MJ71-540 Wing - Parts list

Item	Part No.	Description	Qty
1	19000RM-WR01	MJ70-550 WING ROLLER	2
<b>2*</b>	<b>725-BLD8-FL5</b>	<b>725 FIXED BLADE (Anti_Clk)</b>	<b>2</b>
<b>2*</b>	<b>725-BLD4-FL</b>	<b>725 FIXED BLADE (Anti_Clk)</b>	<b>2</b>
<b>3*</b>	<b>725-BLD4-FR</b>	<b>725 FIXED BLADE (Clk)</b>	<b>1</b>
<b>3*</b>	<b>725-BLD4-FR</b>	<b>725 FIXED BLADE (Clk)</b>	<b>1</b>
4	8400RM-HG55	M20 ADJUSTER BLOCK	4
5	8400RM-HG65	M20 THREADED ADJUSTER	4
6	SW2-540-BSCRPR-01	540 WING SCRAPER BAR	2
7	8400RM-RPV01	ROLLER PIVOT	2
8	8400RM-RPV10	ROLLER PIVOT	2
9	SW2-400-LK05	WING PIVOT PIN	1
<b>10</b>	<b>SW2-400-WA01</b>	<b>WING ARM</b>	<b>1</b>
<b>10</b>	<b>SW2-400-WA01H</b>	<b>WING ARM (Left wing)</b>	<b>1</b>
<b>11</b>	<b>SW2-400-WA07H</b>	<b>WING ARM</b>	<b>1</b>
<b>11</b>	<b>SW2-400-WA07</b>	<b>WING ARM (Left wing)</b>	<b>1</b>
12	SW2-550-GBR01	WING UNDERSIDE TROUGH	1
<b>13</b>	<b>SW2-550-WG01</b>	<b>550 WING</b>	<b>1</b>
<b>13</b>	<b>SW2-550-WG01H</b>	<b>550 WING (Left wing)</b>	<b>1</b>
14	SW2-550-DF01	WING RUBBER FLAP	1
<b>15*</b>	<b>LF205TH</b>	<b>6 SPLINE 'T' BOX RATIO 1.92</b>	<b>3</b>
16	5582	DIA 38.3-42mm INSERT	18
17	60CSD	60mm STAR DRIVE	2
18	DRV-6S-52DC	6 SPLINE 50mm DRIVE	2
19	LS002	ANTI VIBRATION RUBBER	6
20	MJ40-270-RW01	RUBBER WASHER	8
21	MJRC-23	113 PCD COUPLING 4mm PLT	4
22	19000RM-CV53	WING RUBBER CLAMP	1
<b>23</b>	<b>8400RM-AF03</b>	<b>AERO-FOIL (8400)</b>	<b>1</b>
<b>23</b>	<b>8400RM-AF03H</b>	<b>AERO-FOIL (8400) (Left wing)</b>	<b>1</b>
24	8400RM-HG03	HEIGHT INDICATOR	4
25	8400RM-HG04	HEIGHT GUIDE	4
26	SCRPR-SQ12-05	SKT HEAD SCRAPER MOUNT	4
<b>27</b>	<b>SW2-240-DF02</b>	<b>REAR DEFLECTOR</b>	<b>1</b>
<b>27</b>	<b>SW2-240-DF02H</b>	<b>REAR DEFLECTOR (Left wing)</b>	<b>1</b>
<b>28</b>	<b>SW2-270-DF03H</b>	<b>REAR DEFLECTOR</b>	<b>1</b>
<b>28</b>	<b>SW2-270-DF03</b>	<b>REAR DEFLECTOR (Left wing)</b>	<b>1</b>
<b>29</b>	<b>SW2-400-AF02</b>	<b>WING AERO-FOIL</b>	<b>1</b>
<b>29</b>	<b>SW2-400-AF02H</b>	<b>WING AERO-FOIL (Left wing)</b>	<b>1</b>
30	SW2-550-CV02	550 COVER (WING)	1
31	SW2-550-CV15	GUARD BASE MOUNT	2
32	DRV-RC-SWT2-410	SW2-410 DRIVE	2

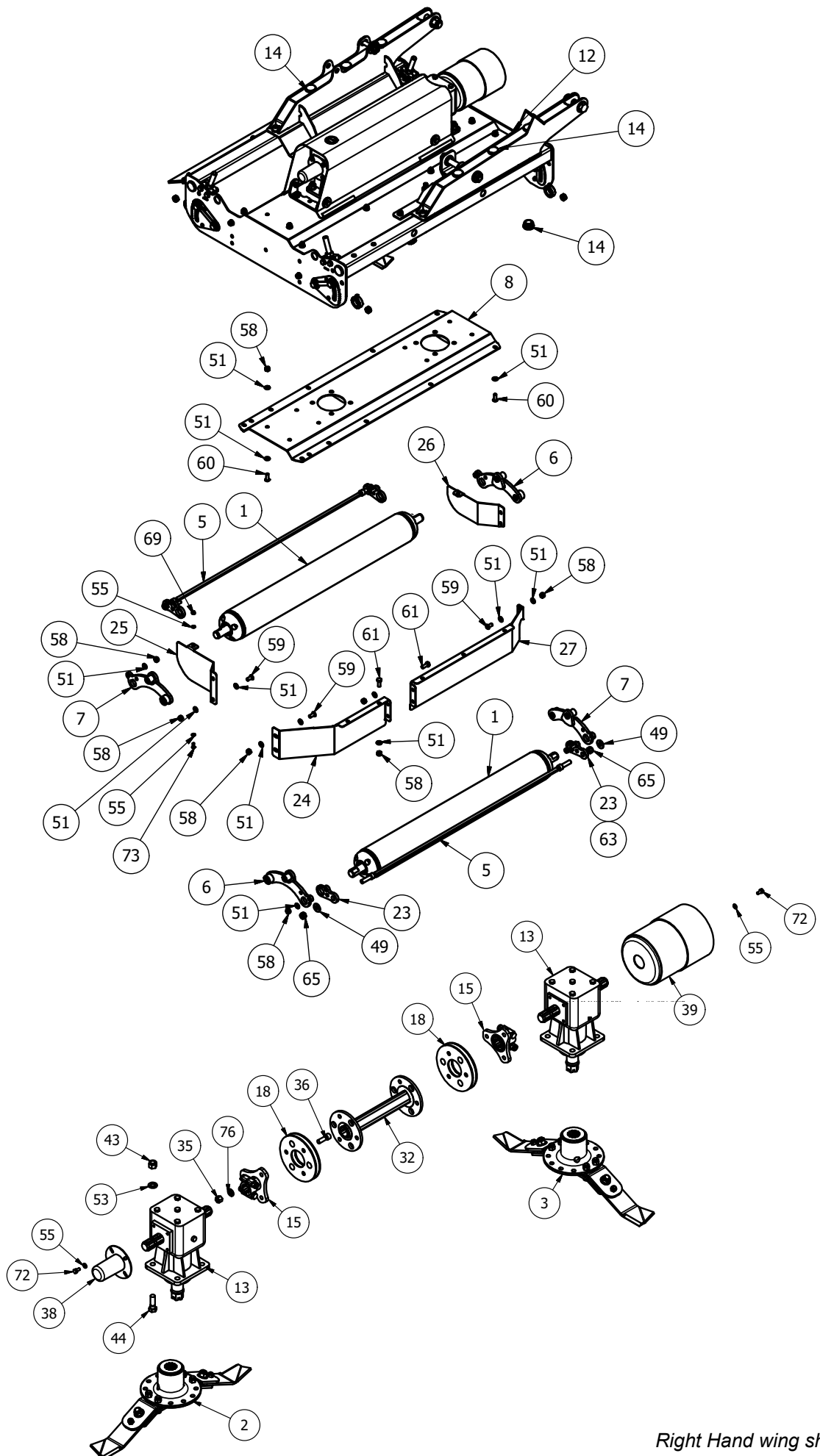
33	MJ30-350-WA11	RAM SPACER	1
34	RM-RSN3	SHAFT COLLAR DIA 35	4
35	12HEX109	1/2F HEX 10.9	24
36	12x112FSKS	1/2"x1 1/2" FINE SKT HEAD 12.9	24
37	15012	CAT 1 PIN DIA 19x76mm	1
38	190592	PTO HAT	1
39	190760	GUARD (COVER 760/BASE 661)	1
40	1F	1" FINE NYLOC NUT	2
41	1x4FBZP	1"x4" FINE BOLT	2
42	465684	DIA 14mm INSERT	4
43	5/8F	5/8" FINE NYLOC NUT	12
44	58x2FBZP	5/8"x2" FINE BOLT	12
45	851	GREASE NIPPLE M8x1.25 STR	4
46	870	GREASE NIPPLE M8x90x1.25P	4
47	AN099/10	LINCH PIN DIA 9.5	1
48	CP176-181MG1	45mm INSERT	2
49	CW39174	DISC SPRING 39x17x4	12
50	FW1	DIA 1" FLAT WASHER	5
51	FWM12	M12 FLAT WASHER	92
52	FWM12XL	M12 FLAT WASHER (EX-LARGE)	4
53	FWM16	M16 FLAT WASHER	28
54	FWM20	M20 FLAT WASHER	1
55	FWM8	M8 FLAT WASHER	26
56	G1106	BRASS TAP CONNECTOR	2
57	I-257	3/4x1/2 REDUCER BUSH	2
58	M12	M12 NYLOC NUT	62
59	M12x25SKBH	M12x25 SKT BUTTON HEAD 10.9	8
60	M12x30SKBH	M12x30 SKT BUTTON HEAD 10.9	26
61	M12x30SZP	M12x30 SET BOLT	8
62	M12x35BZP	M12x35 BOLT	8
63	M12x40BZP	M12x40 BOLT	4
64	M12x60BZP	M12x60 BOLT	8
65	M16	M16 NYLOC NUT	12
66	M16HEX	M16 PLAIN NUT	4
67	M16x50SZP	M16x50 SET BOLT	8
68	M16x55SKZP129	M16x55 SKT HEAD 12.9	8
69	M8	M8 NYLOC NUT	17
70	M8x12SKS	M8x12mm SKT HEAD 12.9	4
71	M8x16SKBH	M8x16 SKT BUTTON HEAD 10.9	8
72	M8x16SZP	M8x16 SET BOLT	8
73	M8x20SKBH	M8x20 SKT BUTTON HEAD 10.9	2
74	M8x30SKBH	M8x30 SKT BUTTON HEAD 10.9	6
75	M8x40BZP	M8x40 BOLT	1
76	NL12SP	M12 SP NORDLOCK	24

\* - further details provided

# MJ71-400/340 Wing



Right Hand wing shown



Right Hand wing shown

## MJ71-400/340 Wing - Parts List

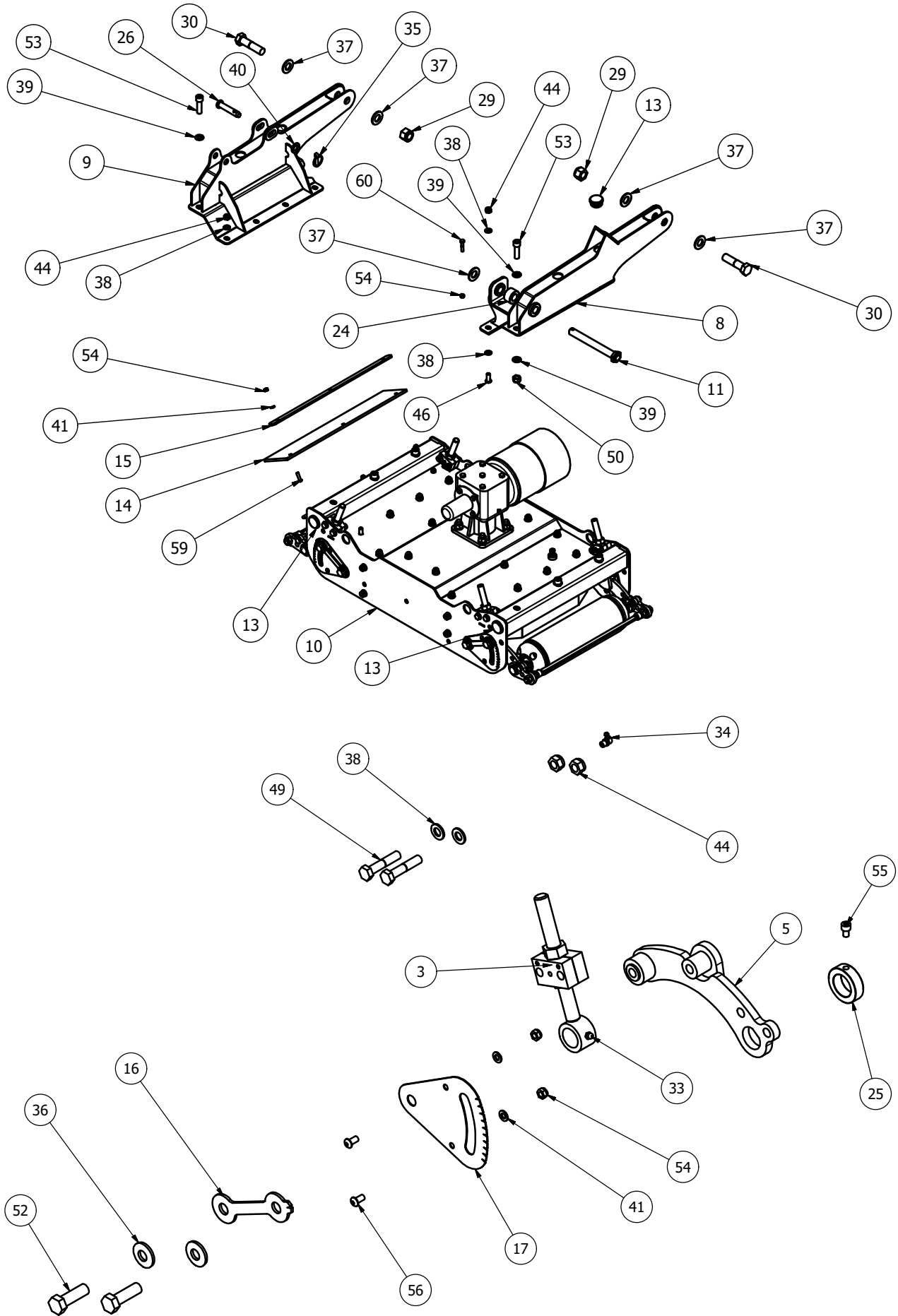
Item	Part No.	Description	Qty
1	15000RM2-WR01	410 WING ROLLER	2
2*	725-BLD8-FL5	725 FIXED BLADE (Anti_Clk)	1
2*	725-BLD4-FL	725 FIXED BLADE (Anti_Clk)	1
3*	725-BLD4-FR	725 FIXED BLADE (Clk)	1
3*	725-BLD4-FR	725 FIXED BLADE (Clk)	1
4	8400RM-HG65	M20 THREADED ADJUSTER	4
5	SW2-400-BSCRPR-05	400 WING SOCKET SCRAPER BAR	2
6	8400RM-RPV01	ROLLER PIVOT	2
7	8400RM-RPV10	ROLLER PIVOT	2
8	SW2-400-GBR03	WING UNDERSIDE TROUGH	1
9	SW2-400-LK05	WING PIVOT PIN	1
10	<b>SW2-400-WA01</b>	<b>WING ARM</b>	<b>1</b>
10	<b>SW2-400-WA01H</b>	<b>WING ARM (Left wing)</b>	<b>1</b>
11	<b>SW2-400-WA07H</b>	<b>WING ARM</b>	<b>1</b>
11	<b>SW2-400-WA07</b>	<b>WING ARM (Left wing)</b>	<b>1</b>
12	<b>SW2-400-WG01</b>	<b>400 WING</b>	<b>1</b>
12	<b>SW2-400-WG01H</b>	<b>400 WING (Left wing)</b>	<b>1</b>
13*	LF205TH	6 SPLINE 'T' BOX RATIO 1.92	2
14	5582	DIA 38.3-42mm INSERT	18
15	60CSD	60mm STAR DRIVE	2
16	LS002	ANTI VIBRATION RUBBER	4
17	MJ40-270-RW01	RUBBER WASHER	8
18	MJRC-23-40	23mm COUPLING 40 SHORE	2
19	SW2-400-DF01	WING RUBBER FLAP	1
20	15000RM2-CV53	WING RUBBER CLAMP	1
21	8400RM-HG03	HEIGHT INDICATOR	4
22	8400RM-HG04	HEIGHT GUIDE	4
23	SCRPR-SQ12-05	SOCKET HEAD SCRAPER MOUNT	4
24	<b>15000RM2-AF01</b>	<b>AERO-FOIL (MJ70-410)</b>	<b>1</b>
24	<b>15000RM2-AF01H</b>	<b>AERO-FOIL (MJ70-410) (Left wing)</b>	<b>1</b>
25	<b>SW2-240-DF02</b>	<b>REAR DEFLECTOR</b>	<b>1</b>
25	<b>SW2-240-DF02H</b>	<b>REAR DEFLECTOR (Left wing)</b>	<b>1</b>
26	<b>SW2-270-DF03H</b>	<b>WING REAR DEFLECTOR</b>	<b>1</b>
26	<b>SW2-270-DF03</b>	<b>WING REAR DEFLECTOR (Left wing)</b>	<b>1</b>
27	<b>SW2-400-AF02</b>	<b>WING AERO-FOIL</b>	<b>1</b>
27	<b>SW2-400-AF02H</b>	<b>WING AERO-FOIL (Left wing)</b>	<b>1</b>
28	SW2-400-CV04	400 COVER (WING)	1
29	SW2-550-CV15	GUARD BASE MOUNT	2
30	8400RM-HG76	HEIGHT PIVOT BLOCK	8
31	8400RM-HG77	M20 HEX ADJUSTER	4
32	DRV-RC-SWT2-410	SW2-410 DRIVE	1
33	MJ30-350-WA11	RAM SPACER	1

34	RM-RSN3	SHAFT COLLAR DIA 35	4
35	12HEX109	1/2F HEX 10.9	12
36	12x112FSKS	1/2"x1 1/2" FINE SKT HD 12.9	12
37	15012	CAT 1 PIN DIA 19x76mm	1
38	190592	PTO HAT	1
39	190760	GUARD (COVER 760/BASE 661)	1
40	1F	1" FINE NYLOC NUT	2
41	1x4FBZP	1"x4" FINE BOLT	2
42	465684	DIA 14mm INSERT	4
43	5/8F	5/8" FINE NYLOC NUT	8
44	58x2FBZP	5/8"x2" FINE BOLT	8
45	851	GREASE NIPPLE M8x1.25 STR	4
46	870	GREASE NIPPLE M8x90x1.25P	4
47	AN099/10	LINCH PIN DIA 9.5	1
48	CP176-181MG1	45mm INSERT	1
49	CW39174	DISC SPRING 39x17x4 (YELLOW)	12
50	FW1	DIA 1" FLAT WASHER	5
51	FWM12	M12 FLAT WASHER	83
52	FWM12XL	M12 FLAT WASHER (EX-LARGE)	4
53	FWM16	M16 FLAT WASHER	24
54	FWM20	M20 FLAT WASHER	1
55	FWM8	M8 FLAT WASHER	24
56	G1106	BRASS TAP CONNECTOR	1
57	I-257	3/4x1/2 REDUCER BUSH	1
58	M12	M12 NYLOC NUT	57
59	M12x25SKBH	M12x25 SKT BTN HD 10.9	8
60	M12x30SKBH	M12x30 SKT BTN HD 10.9	22
61	M12x30SZP	M12x30 SET BOLT	7
62	M12x35BZP	M12x35 BOLT	8
63	M12x40BZP	M12x40 BOLT	4
64	M12x60BZP	M12x60 BOLT	8
65	M16	M16 NYLOC NUT	12
66	M16HEX	M16 PLAIN NUT	4
67	M16x50SZP	M16x50 SET BOLT	8
68	M16x55SKZP129	M16x55 SOCKET HEAD 12.9	8
69	M8	M8 NYLOC NUT	15
70	M8x12SKS	M8x12mm SOCKET HEAD 12.9	4
71	M8x16SKBH	M8x16 SKT BTN HD 10.9	8
72	M8x16SZP	M8x16 SET BOLT	8
73	M8x20SKBH	M8x20 SKT BTN HD 10.9	2
74	M8x30SKBH	M8x30 SKT BTN HD 10.9	4
75	M8x40BZP	M8x40 BOLT	1
76	NL12SP	M12 SP NORDLOCK	12
77	S1215	ROLL PIN DIA 6x40	8

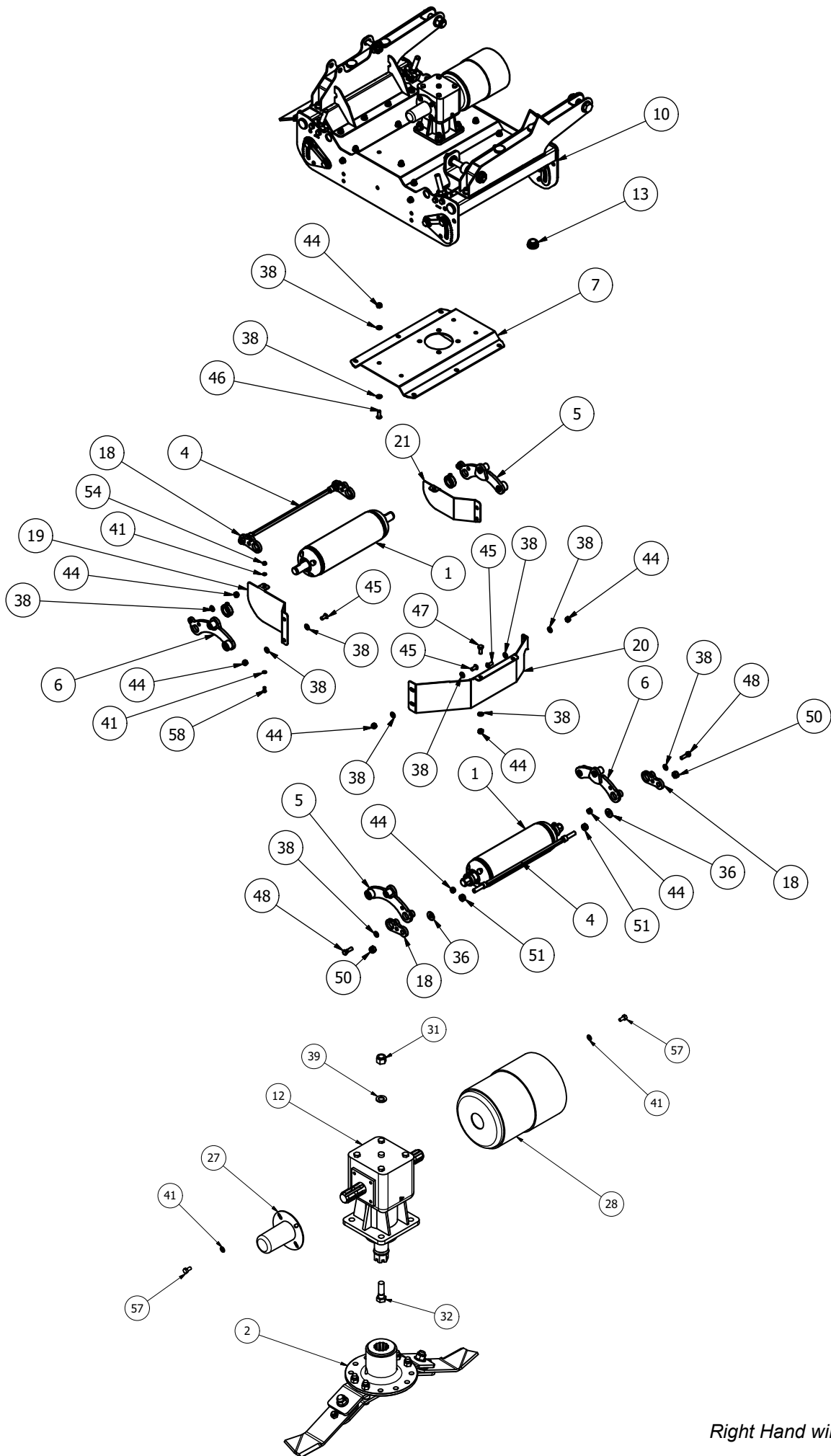
\* - further details provided



# MJ71-340 Wing



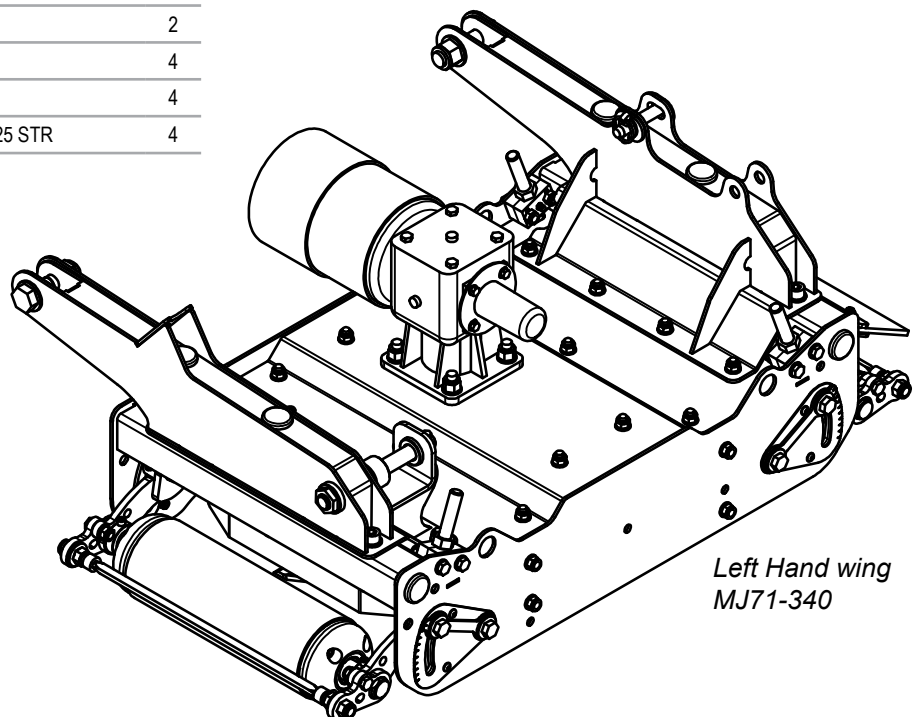
*Right Hand wing shown*



Right Hand wing shown

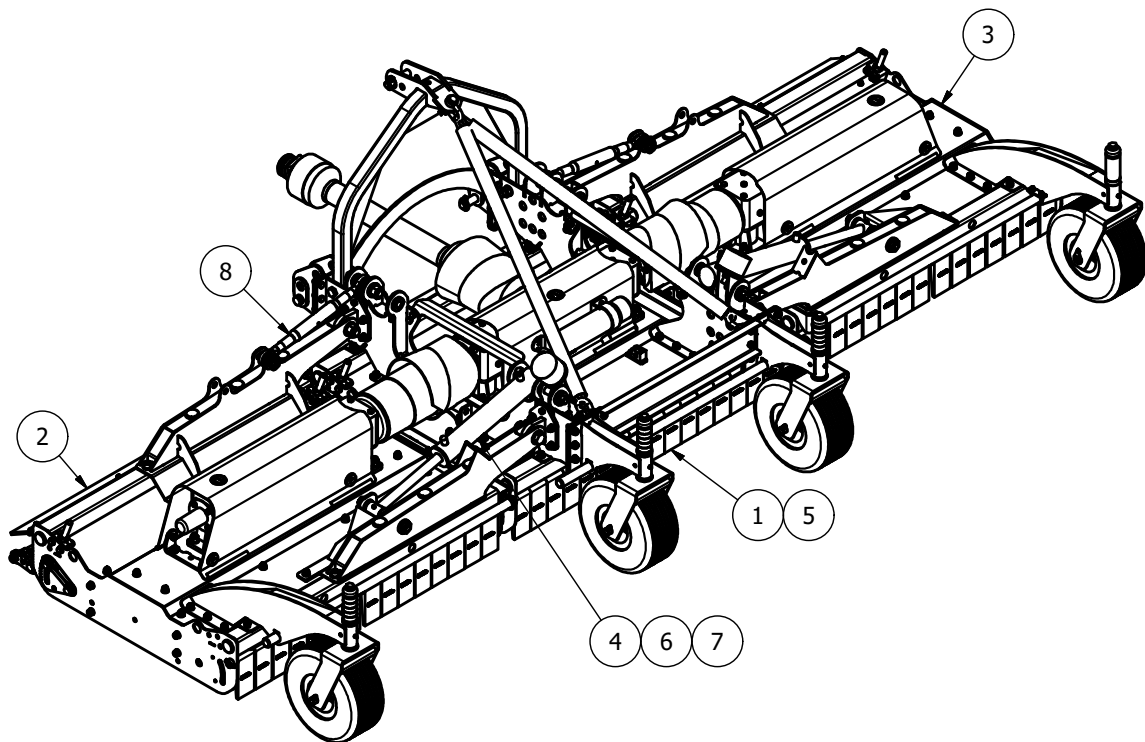
## MJ71-340 Wing - Parts List

Item	Part No.	Description	Qty
1	11GMROLW-V2	MJ70-270 WING ROLLER	2
2*	725-BLD8-FL5	725 FIXED BLADE (Anti_Clk)	1
2*	725-BLD4-FL	725 FIXED BLADE (Anti_Clk)	1
3	8400RM-HG65	M20 THREADED ADJUSTER	4
4	SW2-270-WSCRPR-01	270 WING SOCKET HEAD SCRPR BAR	2
5	8400RM-RPV01	ROLLER PIVOT	2
6	8400RM-RPV10	ROLLER PIVOT	2
7	SW2-270-GBR03	270 WING UNDERSIDE TROUGH	1
8	SW2-270-WA10	SMALL WING ARM	1
9	SW2-270-WA17H	SMALL WING ARM	1
10	SW2-270-WG01	270 WING	1
10	SW2-270-WG01	270 WING (Left wing)	1
11	SW2-400-LK05	WING PIVOT PIN	1
12*	LF205TH	6 SPLINE 'T' BOX RATIO 1.92	1
13	5582	DIA 38.3-42mm INSERT	14
14	SW2-270-DF02	RUBBER FLAP	1
15	11000RM2-CV55	WING RUBBER CLAMP	1
16	8400RM-HG03	HEIGHT INDICATOR	4
17	8400RM-HG04	HEIGHT GUIDE	4
18	SCRPR-SQ12-05	SOCKET HEAD SCRAPER MOUNT	4
19	SW2-240-DF02	REAR DEFLECTOR	1
19	SW2-240-DF02H	REAR DEFLECTOR (Left wing)	1
20	SW2-270-AF01	270 WING AERO-FOIL	1
20	SW2-270-AF01H	270 WING AERO-FOIL (Left wing)	1
21	SW2-270-DF03H	WING REAR DEFLECTOR	1
21	SW2-270-DF03	WING REAR DEFLECTOR (Left wing)	1
22	8400RM-HG76	HEIGHT PIVOT BLOCK	8
23	8400RM-HG77	M20 HEX ADJUSTER	4
24	MJ30-350-WA11	RAM SPACER	1
25	RM-RSN3	SHAFT COLLAR DIA 35	4
26	15012	CAT 1 PIN DIA 19x76mm	1
27	190592	PTO HAT	1
28	190760	GUARD (COVER 760/BASE 661)	1
29	1F	1" FINE NYLOC NUT	2
30	1x4FBZP	1"x4" FINE BOLT	2
31	5/8F	5/8" FINE NYLOC NUT	4
32	5/8x2FBZP	5/8"x2" FINE BOLT	4
33	851	GREASE NIPPLE M8x1.25 STR	4
34	870	GREASE NIPPLE M8x90x1.25P	4
35	AN099/10	LINCH PIN DIA 9.5	1
36	CW39174	DISC SPRING 39x17x4 (YELLOW)	12
37	FW1	DIA 1" FLAT WASHER	5
38	FWM12	M12 FLAT WASHER	66
39	FWM16	M16 FLAT WASHER	16
40	FWM20	M20 FLAT WASHER	1
41	FWM8	M8 FLAT WASHER	23
42	G1106	BRASS TAP CONNECTOR	1
43	I-257	3/4x1/2 REDUCER BUSH	1
44	M12	M12 NYLOC NUT	40
45	M12x25SKBH	M12x25 SOCKET BUTTON HEAD 10.9	8
46	M12x30SKBH	M12x30 SOCKET BUTTON HEAD 10.9	18
47	M12x30SZP	M12x30 SET BOLT	2
48	M12x40BZP	M12x40 BOLT	4
49	M12x60BZP	M12x60 BOLT	8
50	M16	M16 NYLOC NUT	10
51	M16HEX	M16 PLAIN NUT	4
52	M16x50SZP	M16x50 SET BOLT	8
53	M16x55SKZP129	M16x55 SOCKET HEAD 12.9	6
54	M8	M8 NYLOC NUT	14
55	M8x12SKS	M8x12mm SOCKET HEAD 12.9	4
56	M8x16SKBH	M8x16 SOCKET BUTTON HEAD 10.9	8
57	M8x16SZP	M8x16 SET BOLT	8
58	M8x20SKBH	M8x20 SOCKET BUTTON HEAD 10.9	2
59	M8x30SKBH	M8x30 SOCKET BUTTON HEAD 10.9	3
60	M8x40BZP	M8x40 BOLT	1
61	S1215	ROLL PIN DIA 6x40	8



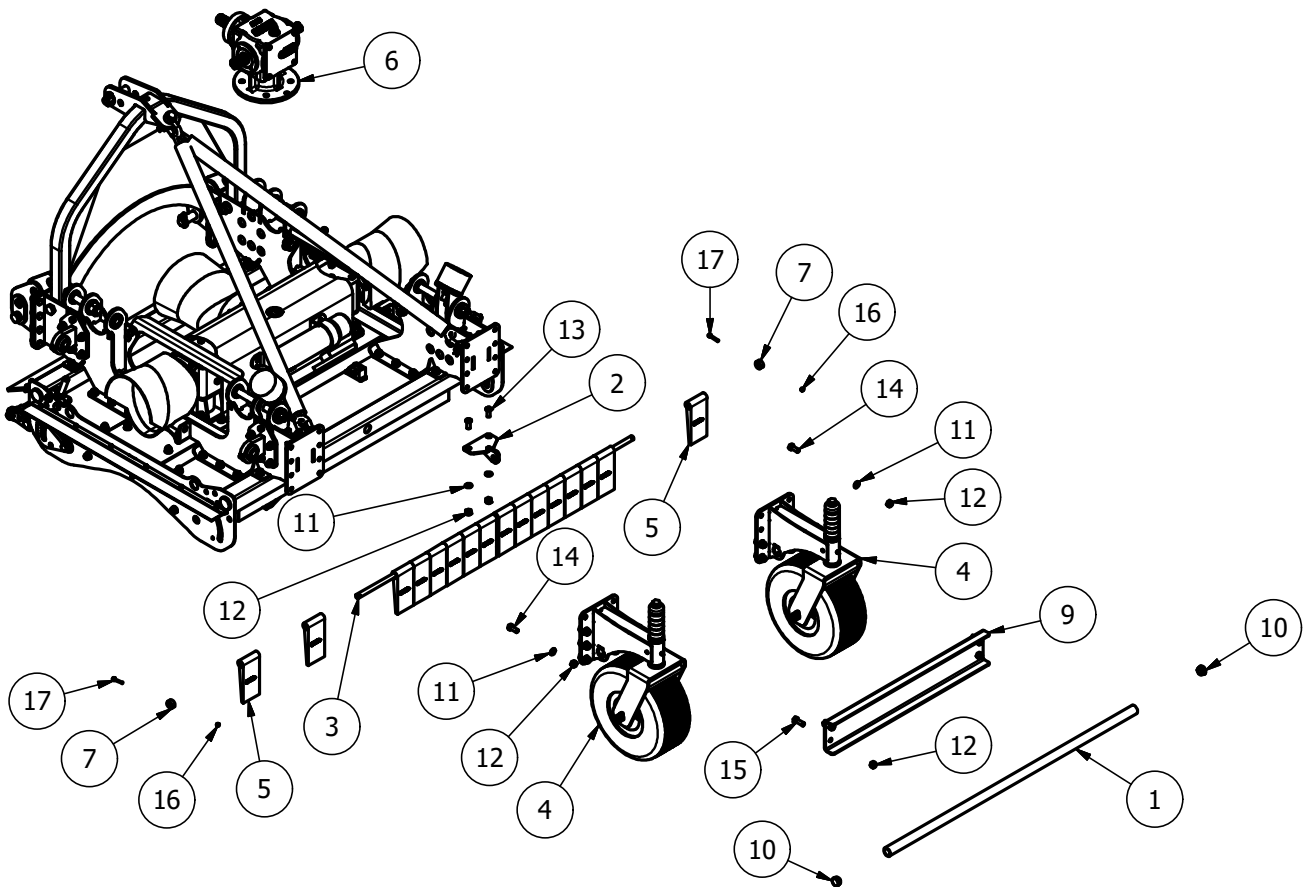
Left Hand wing  
MJ71-340

## MJ71-400FM Overview



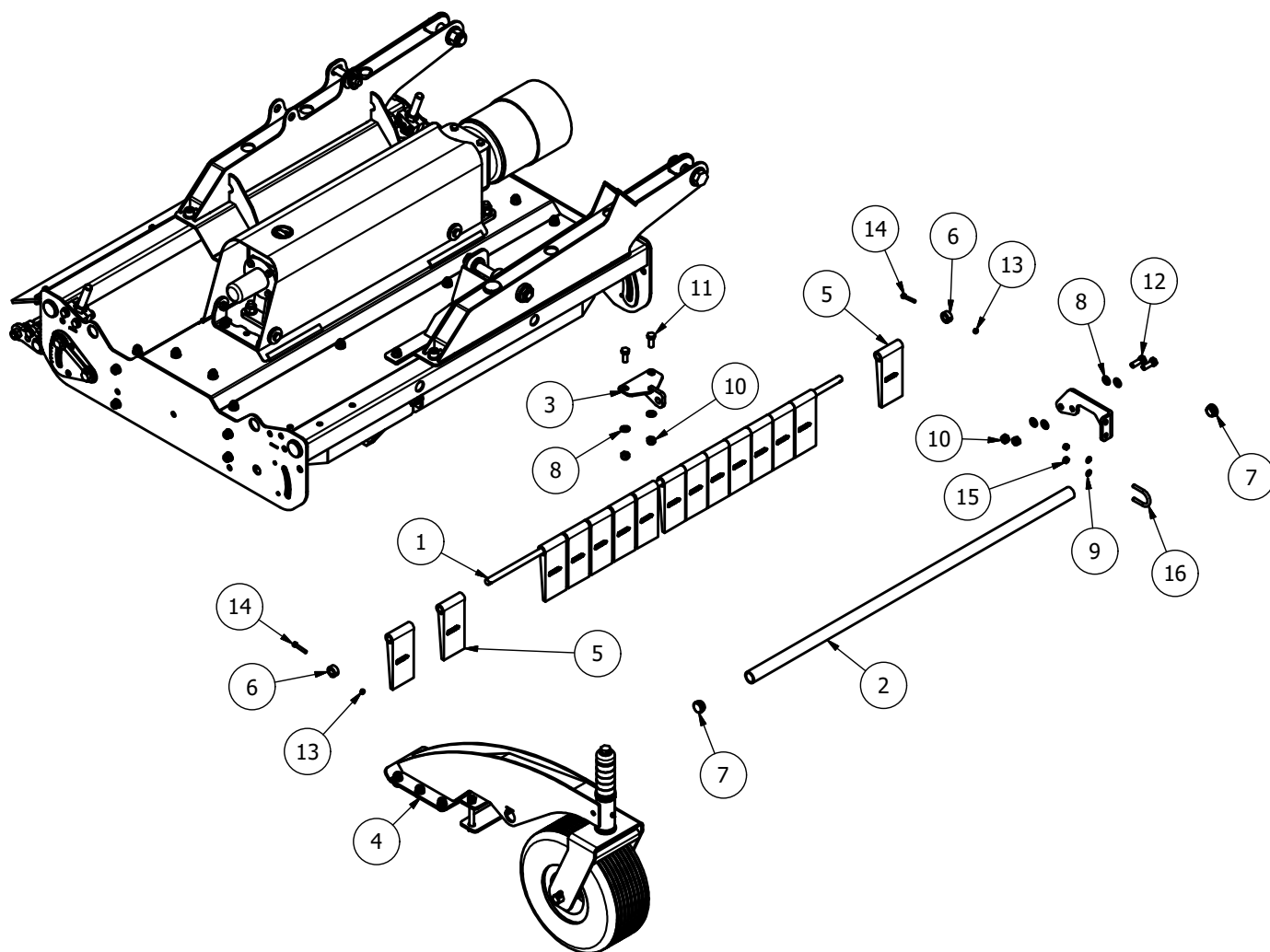
Item	Part No.	Description	Qty
1	SW2-400FM-BDGA	SWIFT FM CENTRE BODY	1
2	SW2-400FM-WGGA	SWIFT 400 FRONT MOUNT WING	1
3	SW2-400FM-WGGAH	SWIFT 400 FRONT MOUNT WING	1
4	CY-350-WR	CYCLONE WING RAM	2
5	S5D02000P60001	CLAMP COLLAR PTO	2
6	8-6-7-00161	3/8" BREATHER PLUG (68085600)	2
7	851	GREASE NIPPLE M8x1.25 STR	2
8	S482-A	CAT 1-2 TOP LINK	2

# MJ71-400FM Body Assembly



Item	Part No.	Description	Qty
1	MJ70-460-FMGF16	GUARD TUBE (WING)	1
2	SW2-400-FM02	FLAP SUPPORT (FRONT)	1
3	SW2-400-FM05	BODY FLAP PIVOT SHAFT	1
4	SW2-400CW-01	SWIFT CASTOR (FRONT)	2
5	BAN80X180NI	FLAP 80x180 WEIGHTED	16
6	GB.03512	6 SPLINE 'T' BOX 1:1	1
7	S96	DIA 5/8"x1 1/8"x1/2" COLLAR	2
9	SW2-400-FM06	FRONT MOUNT LINKAGE BRACE	1
10	111044	DIA 26-30mm INSERT	10
11	FWM12	M12 FLAT WASHER	126
12	M12	M12 NYLOC NUT	138
13	M12x30SKBH	M12x30 SOCKET BUTTON HEAD 10.9	52
14	M12x30SZP	M12x30 SET BOLT	12
15	M12x35BZP	M12x35 BOLT	20
16	M6	M6 NYLOC NUT	14
17	M6x40SZP	M6x40 SET BOLT	2

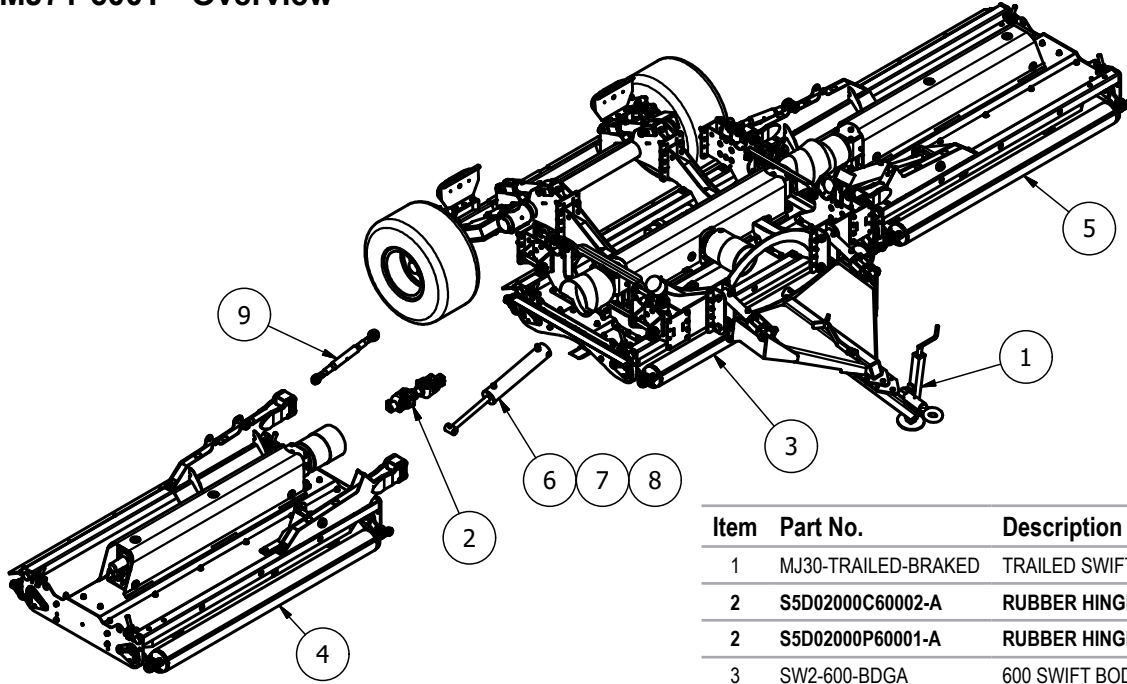
## MJ71-400FM Wing Assembly



Item	Part No.	Description	Qty
1	MJ70-460-FMGF03	FLAP PIVOT SHAFT	1
2	MJ70-460-FMGF16	GUARD TUBE (WING)	1
3	SW2-400-FM02	FLAP SUPPORT (FRONT)	1
4	SW2-CW-01	SWIFT CASTOR (FRONT)	1
5	BAN80X180NI	FLAP 80x180 WEIGHTED	15
6	S96	DIA 5/8"x1 1/8"x1/2" COLLAR	2
7	111044	DIA 26-30mm INSERT	2
8	FWM12	M12 FLAT WASHER	82
9	FWM8	M8 FLAT WASHER	22
10	M12	M12 NYLOC NUT	54
11	M12x30SZP	M12x30 SET BOLT	8
12	M12x35BZP	M12x35 BOLT	10
13	M6	M6 NYLOC NUT	2
14	M6x40SZP	M6x40 SET BOLT	2
15	M8	M8 NYLOC NUT	13
16	S8874-A	M8xDIA 35 U-BOLT (1 3/8")	1

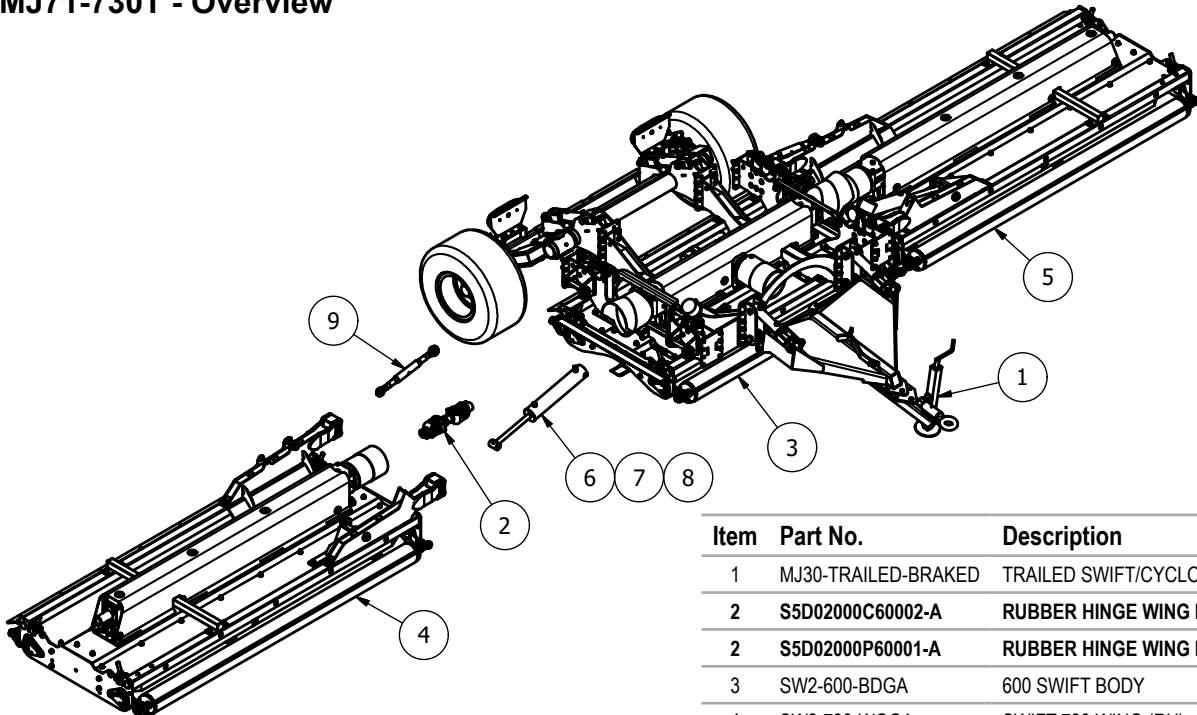
# MJ71 Spare Parts - MJ71-730T/600T

## MJ71-600T - Overview



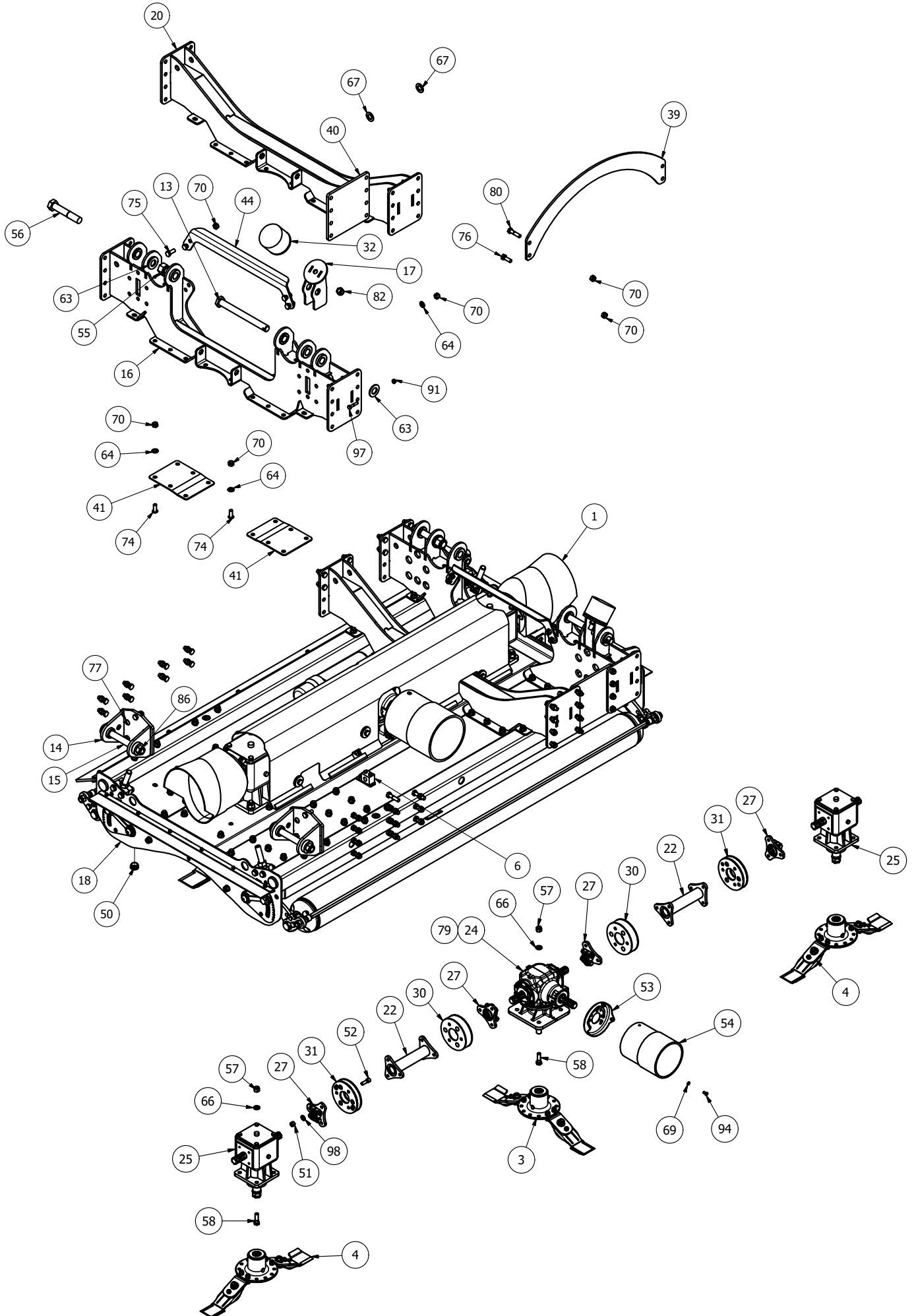
Item	Part No.	Description	Qty
1	MJ30-TRAILED-BRAKED	TRAILED SWIFT/CYCLONE BRAKED	1
2	S5D02000C60002-A	RUBBER HINGE WING PTO	2
2	S5D02000P60001-A	RUBBER HINGE WING PTO	2
3	SW2-600-BDGA	600 SWIFT BODY	1
4	SW2-600-WGGA	SWIFT 600 WING (RH)	1
5	SW2-600-WGGAH	SWIFT 600 WING (LH)	1
6	CY-420-WR	CYCLONE WING RAM	2
7	8-6-7-00161	3/8" BREATHER PLUG (68085600)	2
8	851	GREASE NIPPLE M8x1.25 STR	2
9	S482-A	CAT 1-2 TOP LINK	2

## MJ71-730T - Overview

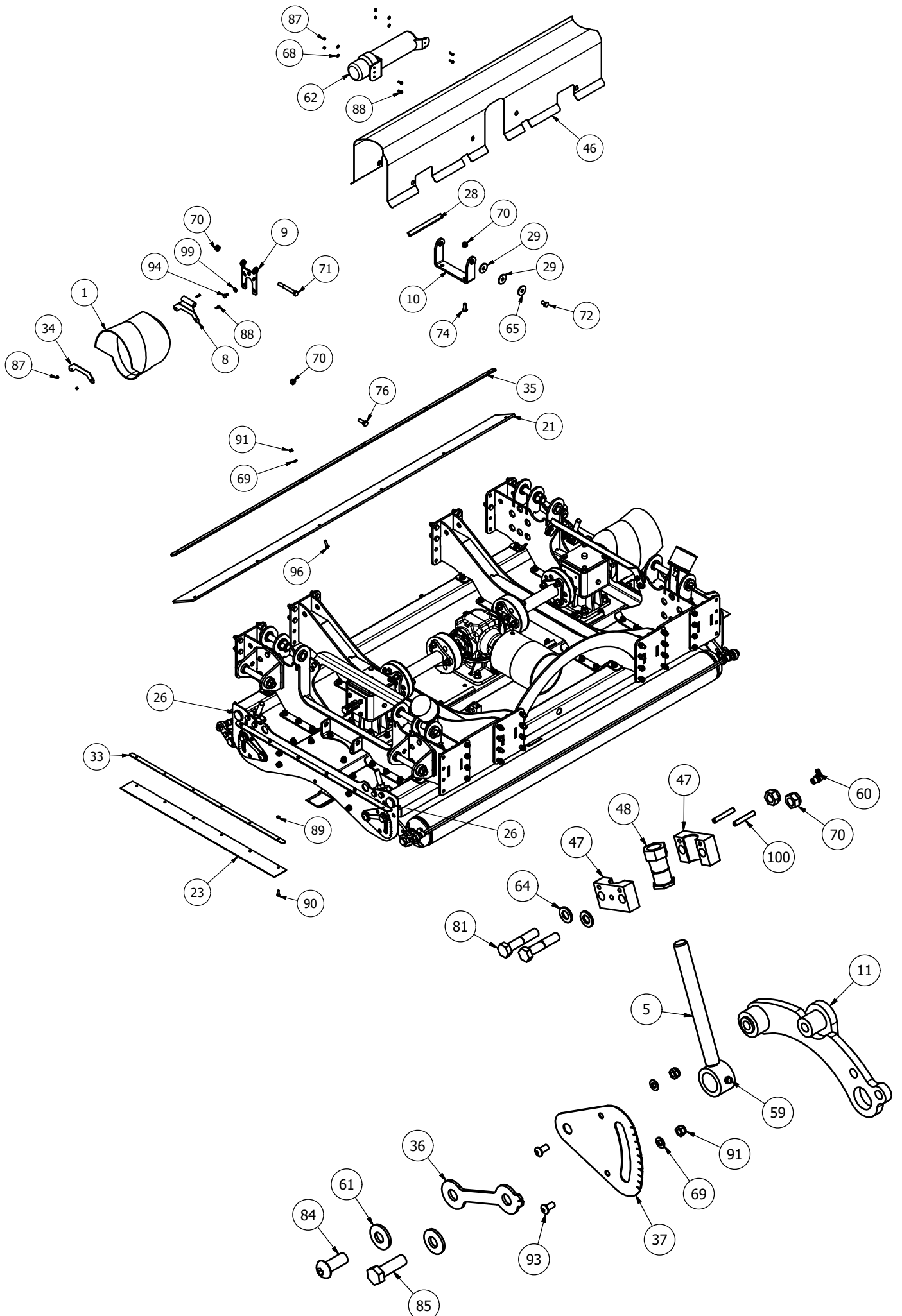


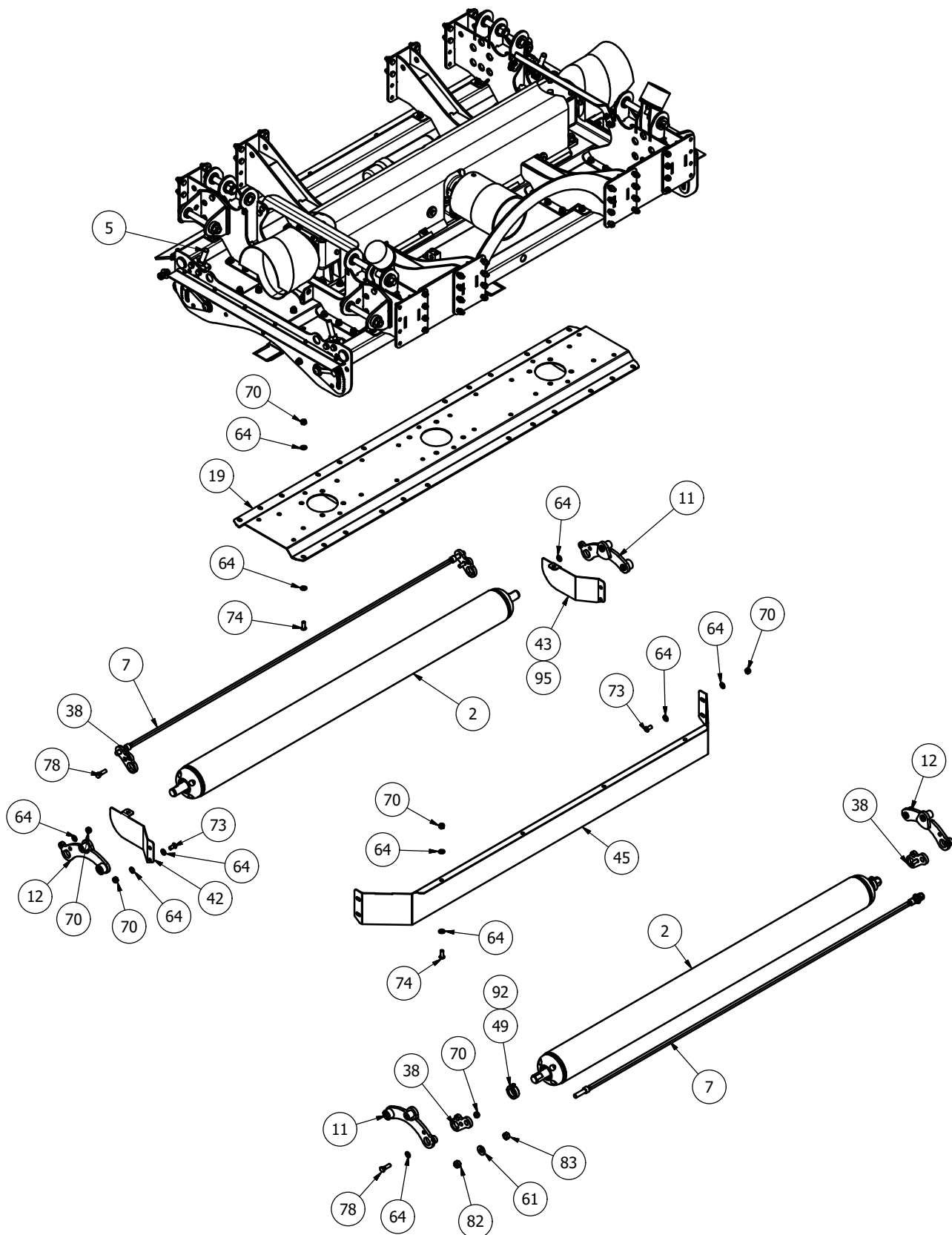
Item	Part No.	Description	Qty
1	MJ30-TRAILED-BRAKED	TRAILED SWIFT/CYCLONE BRAKED	1
2	S5D02000C60002-A	RUBBER HINGE WING PTO	2
2	S5D02000P60001-A	RUBBER HINGE WING PTO	2
3	SW2-600-BDGA	600 SWIFT BODY	1
4	SW2-730-WGGA	SWIFT 730 WING (RH)	1
5	SW2-730-WGGAH	SWIFT 730 WING (LH)	1
6	CY-720-WR	CYCLONE WING RAM	2
7	8-6-7-00161	3/8" BREATHER PLUG (68085600)	2
8	851	GREASE NIPPLE M8x1.25 STR	2
9	S482-A	CAT 1-2 TOP LINK	2

# MJ71-600T/730T Body









### MJ71-600T/730T Body- Parts List

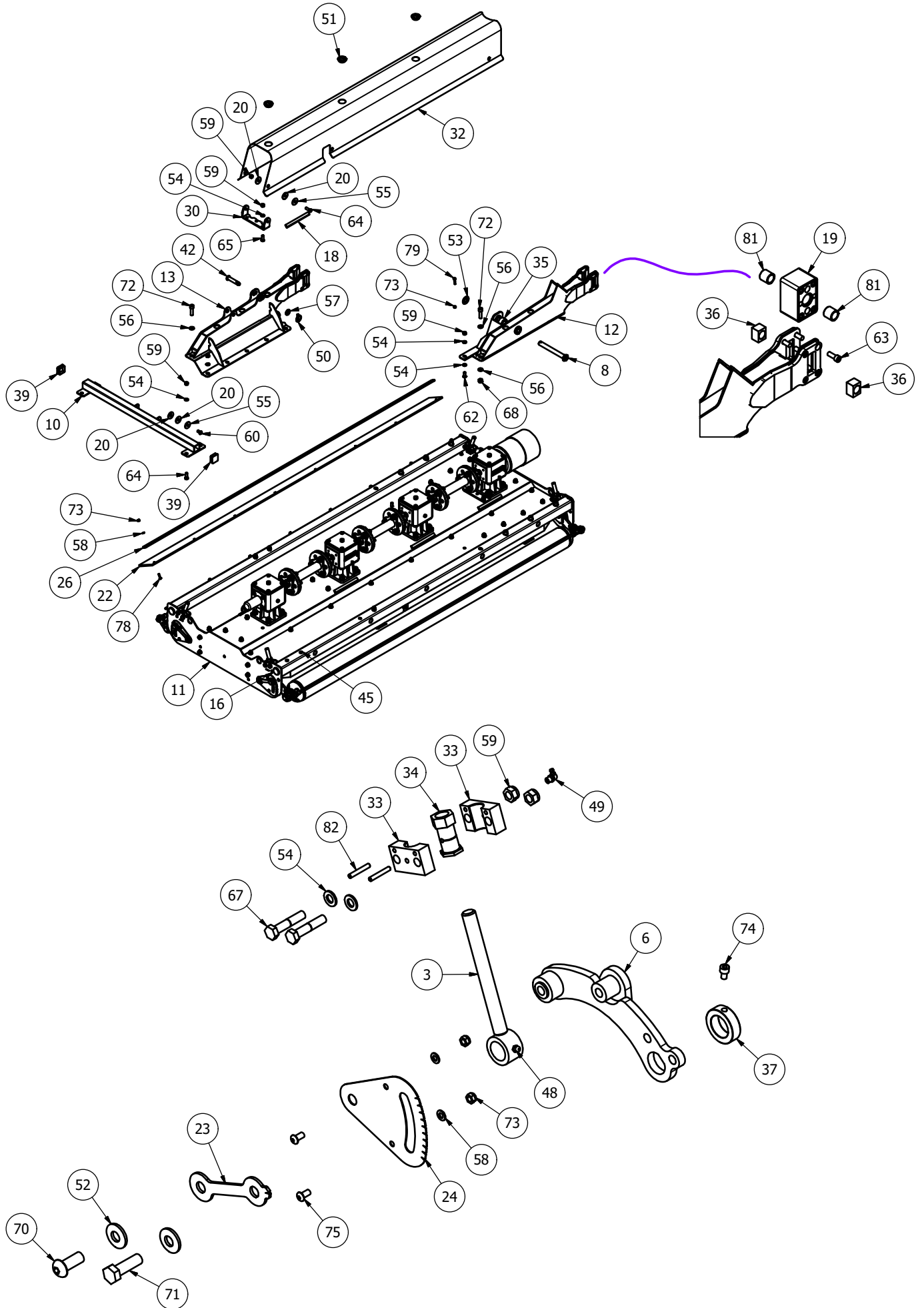
Item	Part No.	Description	Qty
1	11RM-C16	MODIFIED OVAL GUARD	2
2	19000RM-WR01	MJ70-550 WING ROLLER	2
3*	725-BLD8-FL5	DIA 725 BLADE Anti_Clk	1
4*	725-BLD8-FR5	DIA 725 BLADE Clk	2
5	8400RM-HG65	M20 THREADED ADJUSTER	4
6	MJ70-320-HYD05	HYDRAULIC BLOCK	2
7	SW2-540-BSCRPR-01	540 WING SCRAPER BAR	2
8	11RM-C10	COVER PIVOT	2
9	11RM-C11	COVER PIVOT	2
10	8400RM-CV20	GUARD BASE MOUNT	2
11	8400RM-RPV01	ROLLER PIVOT	2
12	8400RM-RPV10	ROLLER PIVOT	2
13	MJ30-350-LK30	PIVOT PIN	2
14	MJ30-350-RHB03	HINGE MOUNT	4
15	MJ30-RMH-27	PIVOT PIN	4

16	SW2-270-LK01	LINKAGE/WING MOUNT	2
17	SW2-400-BF01	BUFFER STAND	2
18	SW2-600-BD01	600 BODY	1
19	SW2-600-GBR01	BODY UNDERSIDE TROUGH	1
20	SW2-600-LK01	600 LINKAGE MOUNT	2
21	SW2-550-DF01	WING RUBBER FLAP	1
22	0940B026001	254mm DRIVE	2
23	11000RM2-CV40	EDGE RUBBER	2
<b>24*</b>	<b>266.208</b>	<b>TF26A '4 WAY' RATIO 1:1.84</b>	<b>1</b>
<b>25*</b>	<b>MJ40T11</b>	<b>6 SPLINE 'T' BOX RATIO 1:1</b>	<b>2</b>
26	5582	DIA 38.3-42mm INSERT	4
27	CM25-DRV	6 SPLINE STAR DRIVE	4
28	LS002	ANTI VIBRATION RUBBER	8
29	MJ40-270-RW01	RUBBER WASHER	16
30	MJRC-113	113 PCD RUBBER COUPLING	2
31	MJRC-33	COUPLING 33mm (PINNED)	2
32	MOT75	DIA 100x75 BUFFER	2
33	11000RM2-CV41	EDGE RUBBER CLAMP	2
34	11RM-C14	COVER MOUNT	2
35	19000RM-CV53	WING RUBBER CLAMP	1
36	8400RM-HG03	HEIGHT INDICATOR	4
37	8400RM-HG04	HEIGHT GUIDE	4
38	SCRPR-SQ12-05	SOCKET HEAD SCRAPER MOUNT	4
39	SW2-550-LK01	LINKAGE TIE BASE	1
40	SW2-600-LK04	SWIFT LINKAGE TIE BASE	2
41	SW-240-LM09	SUPPORT PLATE	8
42	SW2-270-DF03	WING REAR DEFLECTOR	1
43	SW2-270-DF03H	WING REAR DEFLECTOR	1
44	SW2-400-LK04	TOP LINKAGE TIE	2
45	SW2-600-AF01	AERO-FOIL (BODY)	1
46	SW2-600-CV01	600 BODY COVER	1
47	8400RM-HG76	HEIGHT PIVOT BLOCK	8
48	8400RM-HG77	M20 HEX ADJUSTER	4
49	RM-RSN3	SHAFT COLLAR DIA 35	4
50	111044	DIA 26-30mm INSERT	16
51	12HEX109	1/2F HEX 10.9	26
52	12x112FSKS	1/2"x1 1/2" FINE SOCKET HEAD 12.9	24
53	190000661	METAL GUARD BASE	1
54	190000760	PLASTIC GUARD COVER	1
55	1F	1" FINE NYLOC NUT	2
56	1x512FBZP	1"x5 1/2" FINE BOLT	2
57	5/8F	5/8" FINE NYLOC NUT	12
58	58x2FBZP	5/8"x2" FINE BOLT	12
59	851	GREASE NIPPLE M8x1.25 STR	4
60	870	GREASE NIPPLE M8x90x1.25P	4
61	CW39174	DISC SPRING 39x17x4 (YELLOW)	12
62	DH-10404	DOCUMENT HOLDER 350x85	1
63	FW1	DIA 1" FLAT WASHER	4

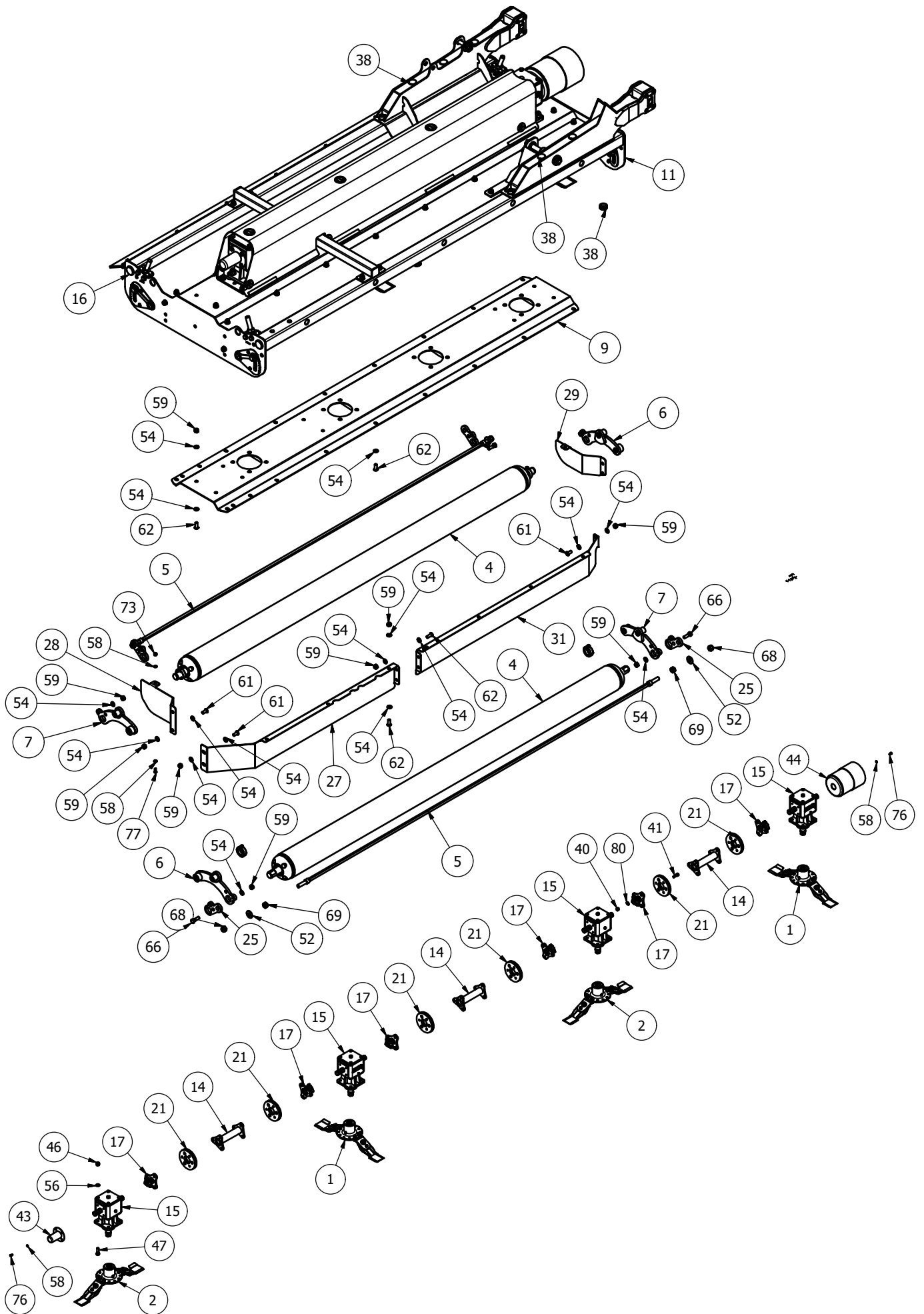
64	FWM12	M12 FLAT WASHER	176
65	FWM12XL	M12 FLAT WASHER (EX-LARGE)	8
66	FWM16	M16 FLAT WASHER	12
67	FWM20	M20 FLAT WASHER	4
68	FWM5	M5 FLAT WASHER	4
69	FWM8	M8 FLAT WASHER	18
70	M12	M12 NYLOC NUT	200
71	M12x100BZP	M12x100 BOLT	2
72	M12x20SZP	M12x20 SET BOLT	4
73	M12x25SKBH	M12x25 SOCKET BUTTON HEAD 10.9	8
74	M12x30SKBH	M12x30 SOCKET BUTTON HEAD 10.9	84
75	M12x30SZP	M12x30 SET BOLT	12
76	M12x35BZP	M12x35 BOLT	48
77	M12x35SKBH	M12x35 SOCKET BUTTON HEAD 10.9	24
78	M12x40BZP	M12x40 BOLT	4
79	M12x40SKBH	M12x40 SOCKET BUTTON HEAD 10.9	2
80	M12x50BZP	M12x50 BOLT	12
81	M12x60BZP	M12x60 BOLT	8
82	M16	M16 NYLOC NUT	6
83	M16HEX	M16 PLAIN NUT	4
84	M16x40SKBH	M16x40 SOCKET BUTTON HEAD 10.9	4
85	M16x50SZP	M16x50 SET BOLT	4
86	M20	M20 NYLOC NUT	4
87	M5	M5 NYLOC NUT	8
88	M5x16SZP	M5x16 SET BOLT	8
89	M6	M6 NYLOC NUT	12
90	M6x20SZP	M6x20 SET BOLT	12
91	M8	M8 NYLOC NUT	14
92	M8x12SKS	M8x12mm SOCKET HEAD 12.9	4
93	M8x16SKBH	M8x16 SOCKET BUTTON HEAD 10.9	4
94	M8x16SZP	M8x16 SET BOLT	12
95	M8x20SKBH	M8x20 SOCKET BUTTON HEAD 10.9	2
96	M8x30SKBH	M8x30 SOCKET BUTTON HEAD 10.9	6
97	M8x40BZP	M8x40 BOLT	2
98	NL12SP	M12 SP NORDLOCK	26
99	NL8SP	M8 SP NORDLOCK	8
100	S1215	ROLL PIN DIA 6x40	8

\* - further details provided

# MJ71-730T Wing



Right Hand wing shown



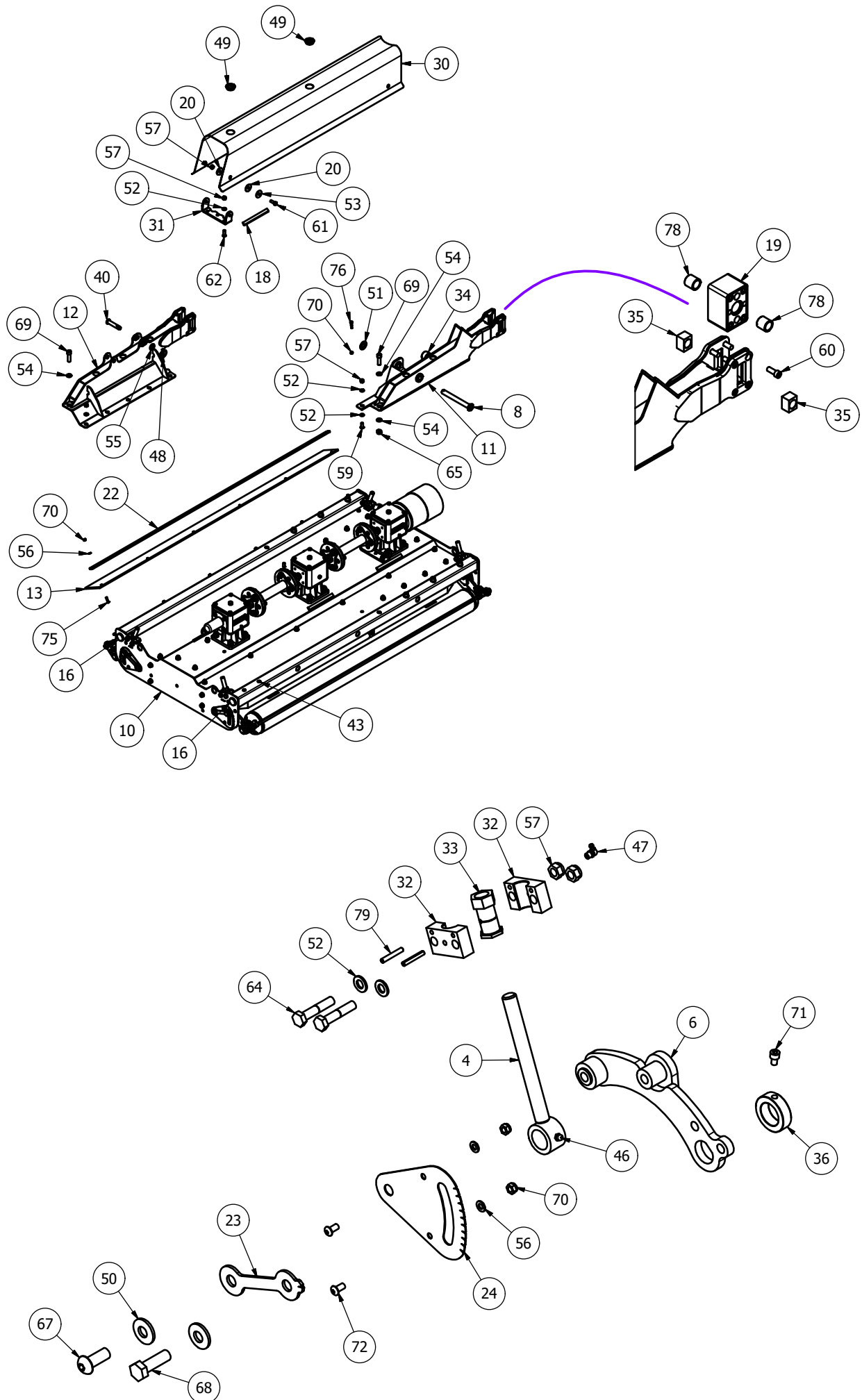
Right Hand wing shown

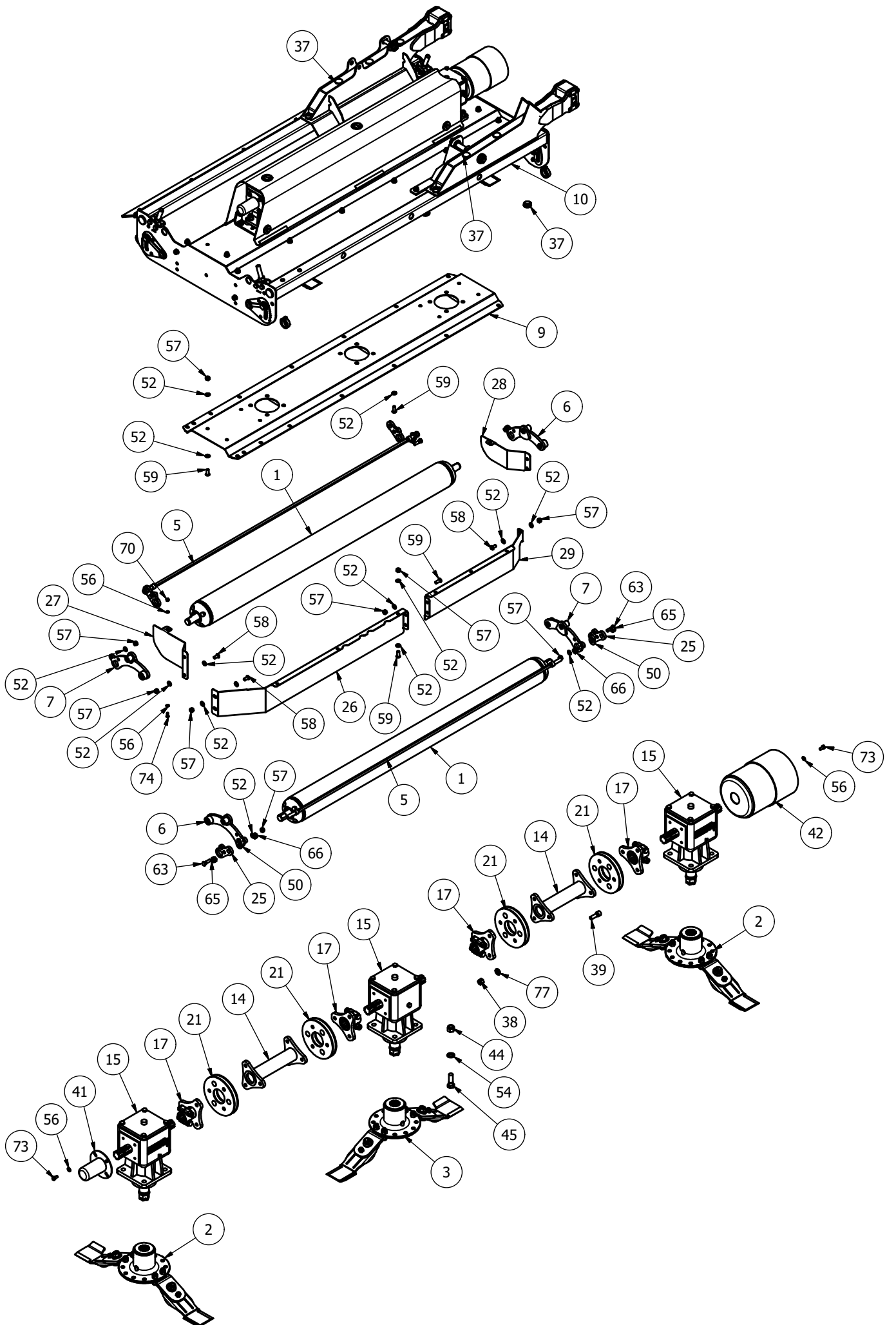
## MJ71-730T Wing - Parts list

Item	Part No.	Description	Qty
1*	725-BLD8-FL5	DIA 725 BLADE Anti_Clk	2
2*	725-BLD8-FR5	DIA 725 BLADE Clk	2
3	8400RM-HG65	M20 THREADED ADJUSTER	4
4	SW2-730-WR01	730 SWIFT WING ROLLER	2
5	SW2-730-WSCRPR-01	730 WING SCRAPER BAR	2
6	8400RM-RPV01	ROLLER PIVOT	2
7	8400RM-RPV10	ROLLER PIVOT	2
8	SW2-400-LK05	WING PIVOT PIN	1
9	SW2-730-GBR01	WING UNDERSIDE TROUGH	1
10	SW2-730-LK01	730 WING LINKAGE MOUNT	1
11	SW2-730-WG01	730 WING (RH)	1
12	SW2-FP-WA01	FLEXY PIVOT WING ARM (shown)	1
12	SW2-FP-WA01H	FLEXY PIVOT WING ARM (left wing)	1
13	SW2-FP-WA07H	WING ARM (shown)	1
13	SW2-FP-WA07	WING ARM (left wing)	1
14	0940B026001	254mm DRIVE	3
15*	MJ40T11	6 SPLINE 'T' BOX RATIO 1:1	4
16	5582	DIA 38.3-42mm INSERT	4
17	8SM-18	6 SPLINE STAR DRIVE	6
18	LS002	ANTI VIBRATION RUBBER	8
19	MJ30-350-RHB00	RUBER MOUNT	2
20	MJ40-270-RW01	RUBBER WASHER	12
21	MJRC-23-40	23mm COUPLING 40 SHORE	6
22	SW2-730-DF01	WING RUBBER FLAP	1
23	8400RM-HG03	HEIGHT INDICATOR	4
24	8400RM-HG04	HEIGHT GUIDE	4
25	SCRPR-SQ12-05	SOCKET HEAD SCRAPER MOUNT	4
26	SW2-730-CV01	WING RUBBER CLAMP	1
27	8400RM-AF03	240 AERO-FOIL (RH) (shown)	1
27	8400RM-AF03H	240 AERO-FOIL (LH) (left wing)	1
28	SW2-240-DF02	REAR DEFLECTOR (RH) (shown)	1
28	SW2-240-DF02H	REAR DEFLECTOR (LH) (left wing)	1
29	SW2-270-DF03H	WING REAR DEFLECTOR (shown)	1
29	SW2-270-DF03	WING REAR DEFLECTOR (left wing)	1
30	SW2-550-CV15	GUARD BASE MOUNT	2
31	SW2-730-AF01	WING AERO-FOIL (RH) (shown)	1
31	SW2-730-AF01H	WING AERO-FOIL (LH) (left wing)	1
32	SW2-730-CV02	730 COVER (WING)	1
33	8400RM-HG76	HEIGHT PIVOT BLOCK	8
34	8400RM-HG77	M20 HEX ADJUSTER	4
35	MJ30-350-WA11	RAM SPACER	1
36	MJ30-RMH-15	SLIDING CUBE	4
37	RM-RSN3	SHAFT COLLAR DIA 35	4
38	111047	DIA 40 (1-3mm) INSERT	18
39	111223	SQ 44-48mm INSERT	2
40	12HEX109	1/2F HEX 10.9	36
41	12x112FSKS	1/2"x1 1/2" FINE SOCKET HEAD 12.9	36
42	15012	CAT 1 PIN DIA 19x76mm	1
43	190592	PTO HAT	1
44	190760	GUARD (COVER 760/BASE 661)	1
45	465684	DIA 14mm INSERT	4
46	5/8F	5/8" FINE NYLOC NUT	16
47	58x2FBZP	5/8"x2" FINE BOLT	16
48	851	GREASE NIPPLE M8x1.25 STR	4
49	870	GREASE NIPPLE M8x90x1.25P	4
50	AN099/10	LINCH PIN DIA 9.5	1
51	CP176-181MG1	45mm INSERT	3
52	CW39174	DISC SPRING 39x17x4 (YELLOW)	12
53	FW1	DIA 1" FLAT WASHER	1
54	FWM12	M12 FLAT WASHER	122
55	FWM12XL	M12 FLAT WASHER (EX-LARGE)	6
56	FWM16	M16 FLAT WASHER	32
57	FWM20	M20 FLAT WASHER	1
58	FWM8	M8 FLAT WASHER	28
59	M12	M12 NYLOC NUT	73
60	M12x20SZP	M12x20 SET BOLT	2
61	M12x25SKBH	M12x25 SOCKET BUTTON HEAD 10.9	8
62	M12x30SKBH	M12x30 SOCKET BUTTON HEAD 10.9	39
63	M12x30SKS	M12x30 SOCKET HEAD SCREW	16
64	M12x35BZP	M12x35 BOLT	8
65	M12x35SKBH	M12x35 SOCKET BUTTON HEAD 10.9	6
66	M12x40BZP	M12x40 BOLT	4
67	M12x60BZP	M12x60 BOLT	8
68	M16	M16 NYLOC NUT	12
69	M16HEX	M16 PLAIN NUT	4
70	M16x40SKBH	M16x40 SOCKET BUTTON HEAD 10.9	4
71	M16x50SZP	M16x50 SET BOLT	4
72	M16x55SKS129	M16x55 SOCKET HEAD 12.9	8
73	M8	M8 NYLOC NUT	19
74	M8x12SKS	M8x12mm SOCKET HEAD 12.9	4
75	M8x16SKBH	M8x16 SOCKET BUTTON HEAD 10.9	8
76	M8x16SZP	M8x16 SET BOLT	8
77	M8x20SKBH	M8x20 SOCKET BUTTON HEAD 10.9	2
78	M8x30SKBH	M8x30 SOCKET BUTTON HEAD 10.9	8
79	M8x40BZP	M8x40 BOLT	1
80	NL12SP	M12 SP NORDLOCK	36
81	OB253230	PLAIN OILITE BEARING BUSH	4
82	S1215	ROLL PIN DIA 6x40	8

\* - further details provided

# MJ71-600T Wing







## MJ71-600T Wing - Parts list

Item	Part No.	Description	Qty
1	19000RM-WR01	MJ70-550 WING ROLLER	2
<b>2*</b>	<b>725-BLD8-FL5</b>	<b>DIA 725 BLADE Anti_Clk</b>	<b>2</b>
<b>3*</b>	<b>725-BLD8-FR5</b>	<b>DIA 725 BLADE Clk</b>	<b>1</b>
4	8400RM-HG65	M20 THREADED ADJUSTER	4
5	SW2-540-BSCRPR-01	540 WING SCRAPER BAR	2
6	8400RM-RPV01	ROLLER PIVOT	2
7	8400RM-RPV10	ROLLER PIVOT	2
8	SW2-400-LK05	WING PIVOT PIN	1
9	SW2-550-GBR01	WING UNDERSIDE TROUGH	1
10	SW2-550-WG01	540 WING (RH)	1
<b>11</b>	<b>SW2-FP-WA01</b>	<b>FLEXY PIVOT WING ARM (shown)</b>	<b>1</b>
<b>11</b>	<b>SW2-FP-WA01</b>	<b>FLEXY PIVOT WING ARM (left wing)</b>	<b>1</b>
<b>12</b>	<b>SW2-FP-WA07H</b>	<b>WING ARM (shown)</b>	<b>1</b>
<b>12</b>	<b>SW2-FP-WA07H</b>	<b>WING ARM (left wing)</b>	<b>1</b>
13	SW2-550-DF01	WING RUBBER FLAP	1
14	0940B026001	254mm DRIVE	2
<b>15*</b>	<b>MJ40T11</b>	<b>6 SPLINE 'T' BOX RATIO 1:1</b>	<b>3</b>
16	5582	DIA 38.3-42mm INSERT	4
17	8SM-18	6 SPLINE STAR DRIVE	4
18	LS002	ANTI VIBRATION RUBBER	6
19	MJ30-350-RHB00	RUBER MOUNT	2
20	MJ40-270-RW01	RUBBER WASHER	8
21	MJRC-23-40	23mm COUPLING 40 SHORE	4
22	19000RM-CV53	WING RUBBER CLAMP	1
23	8400RM-HG03	HEIGHT INDICATOR	4
24	8400RM-HG04	HEIGHT GUIDE	4
25	SCRPR-SQ12-05	SOCKET HEAD SCRAPER MOUNT	4
<b>26</b>	<b>8400RM-AF03</b>	<b>240 AERO-FOIL (RH) (shown)</b>	<b>1</b>
<b>26</b>	<b>8400RM-AF03H</b>	<b>240 AERO-FOIL (LH) (left wing)</b>	<b>1</b>
<b>27</b>	<b>SW2-240-DF02</b>	<b>REAR DEFLECTOR (RH) (shown)</b>	<b>1</b>
<b>27</b>	<b>SW2-240-DF02H</b>	<b>REAR DEFLECTOR (LH) (left wing)</b>	<b>1</b>
<b>28</b>	<b>SW2-270-DF03H</b>	<b>WING REAR DEFLECTOR (shown)</b>	<b>1</b>
<b>28</b>	<b>SW2-270-DF03</b>	<b>WING REAR DEFLECTOR (left wing)</b>	<b>1</b>
<b>29</b>	<b>SW2-400-AF02</b>	<b>WING AERO-FOIL (shown)</b>	<b>1</b>
<b>29</b>	<b>SW2-400-AF02H</b>	<b>WING AERO-FOIL (left wing)</b>	<b>1</b>
30	SW2-550-CV02	540 COVER (WING)	1
31	SW2-550-CV15	GUARD BASE MOUNT	2
32	8400RM-HG76	HEIGHT PIVOT BLOCK	8
33	8400RM-HG77	M20 HEX ADJUSTER	4
34	MJ30-350-WA11	RAM SPACER	1
35	MJ30-RMH-15	SLIDING CUBE	4
36	RM-RSN3	SHAFT COLLAR DIA 35	4
37	111047	DIA 40 (1-3mm) INSERT	14
38	12HEX109	1/2F HEX 10.9	24
39	12x112FSKS	1/2"x1 1/2" FINE SOCKET HEAD 12.9	24
40	15012	CAT 1 PIN DIA 19x76mm	1
41	190592	PTO HAT	1
42	190760	GUARD (COVER 760/BASE 661)	1
43	465684	DIA 14mm INSERT	4
44	5/8F	5/8" FINE NYLOC NUT	12
45	58x2FBZP	5/8"x2" FINE BOLT	12
46	851	GREASE NIPPLE M8x1.25 STR	4
47	870	GREASE NIPPLE M8x90x1.25P	4
48	AN099/10	LINCH PIN DIA 9.5	1
49	CP176-181MG1	45mm INSERT	2
50	CW39174	DISC SPRING 39x17x4 (YELLOW)	12
51	FW1	DIA 1" FLAT WASHER	1
52	FWM12	M12 FLAT WASHER	104
53	FWM12XL	M12 FLAT WASHER (EX-LARGE)	4
54	FWM16	M16 FLAT WASHER	28
55	FWM20	M20 FLAT WASHER	1
56	FWM8	M8 FLAT WASHER	26
57	M12	M12 NYLOC NUT	62
58	M12x25SKBH	M12x25 SOCKET BUTTON HEAD 10.9	8
59	M12x30SKBH	M12x30 SOCKET BUTTON HEAD 10.9	34
60	M12x30SKS	M12x30 SOCKET HEAD SCREW	16
61	M12x35BZP	M12x35 BOLT	4
62	M12x35SKBH	M12x35 SOCKET BUTTON HEAD 10.9	4
63	M12x40BZP	M12x40 BOLT	4
64	M12x60BZP	M12x60 BOLT	8
65	M16	M16 NYLOC NUT	12
66	M16HEX	M16 PLAIN NUT	4
67	M16x40SKBH	M16x40 SOCKET BUTTON HEAD 10.9	4
68	M16x50SZP	M16x50 SET BOLT	4
69	M16x55SKS129	M16x55 SOCKET HEAD 12.9	8
70	M8	M8 NYLOC NUT	17
71	M8x12SKS	M8x12mm SOCKET HEAD 12.9	4
72	M8x16SKBH	M8x16 SOCKET BUTTON HEAD 10.9	8
73	M8x16SZP	M8x16 SET BOLT	8
74	M8x20SKBH	M8x20 SOCKET BUTTON HEAD 10.9	2
75	M8x30SKBH	M8x30 SOCKET BUTTON HEAD 10.9	6
76	M8x40BZP	M8x40 BOLT	1
77	NL12SP	M12 SP NORDLOCK	24
78	OB253230	PLAIN OILITE BEARING BUSH	4
79	S1215	ROLL PIN DIA 6x40	8

\* - further details provided

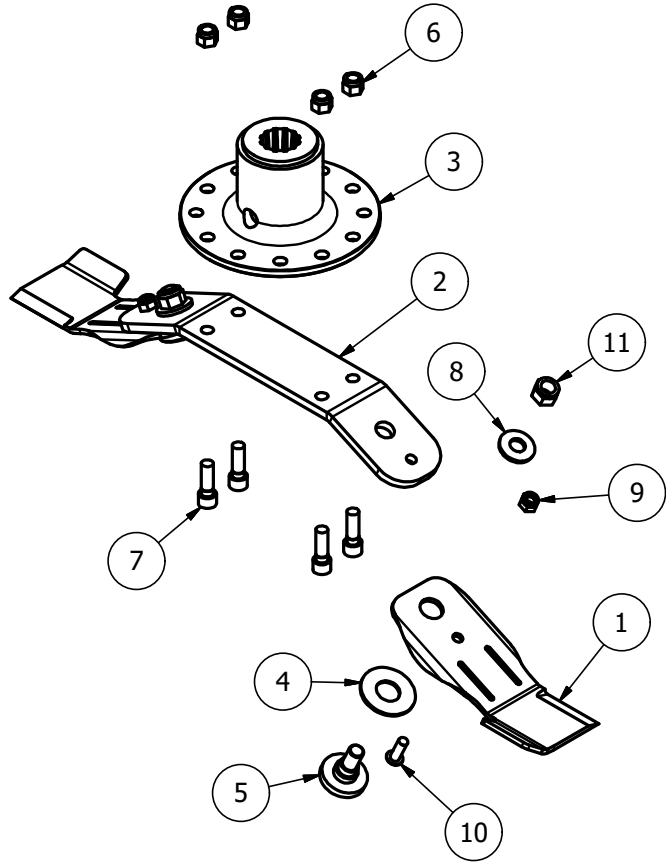
## MJ71 Blades

725-BLD8-FL5 & 725-BLD8-FR5 blade assemblies fitted to all models as standard starting from serial numbers MR3693-01 onwards.

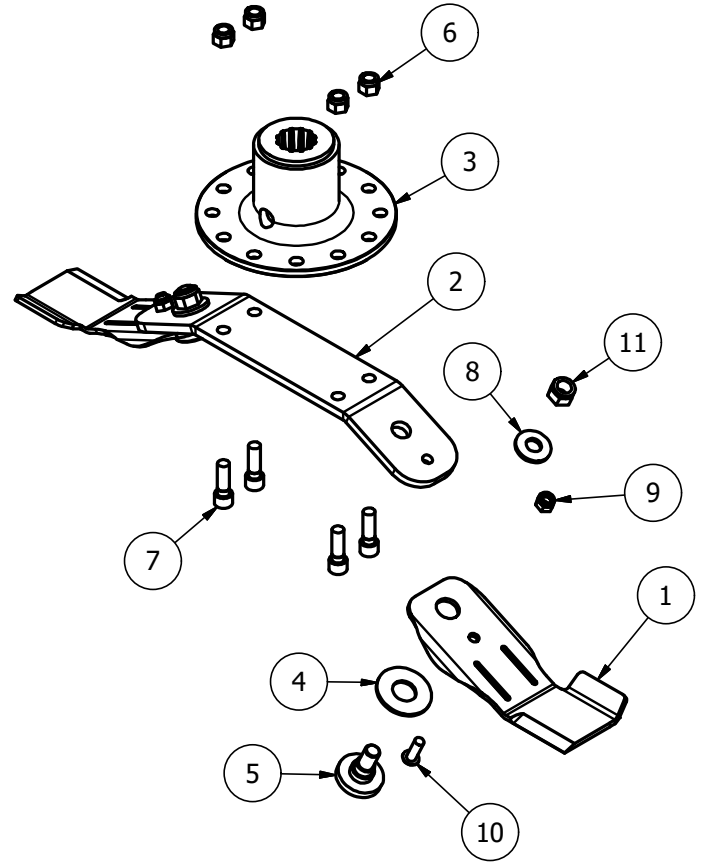
Serial numbers starting with HR, SN and pre-MR3693 have various assemblies fitted.

Have the serial number of the machine to hand when ordering parts.

### 725-BLD8-FL5



### 725-BLD8-FR5



Item	Part No.	Description	Qty
1	BLD-25025-AC405	BLADE 250xDia 25 (Anti-Clk)	2
2	BLDB6-315-25	BLADE BACK (315 CTR 25 deg)	1
3	DF-BMP	J205 G/BOX BLADE MOUNT	1
4	DSW50	DISC SPRING 50x25.4x2	2
5	BS-2507-03	THREADED BLADE SUPPORT	2
6	1/2F	1/2" FINE NYLOC NUT	4
7	12x112FSKS	1/2"x1 1/2" FINE SOCKET HEAD 12.9	4
8	CW39174	DISC SPRING 39x17x4 (YELLOW)	2
9	M10	M10 NYLOC NUT	2
10	M10x30SKBH	M10x30 SOCKET BUTTON HEAD 10.9	2
11	M16	M16 NYLOC NUT	2

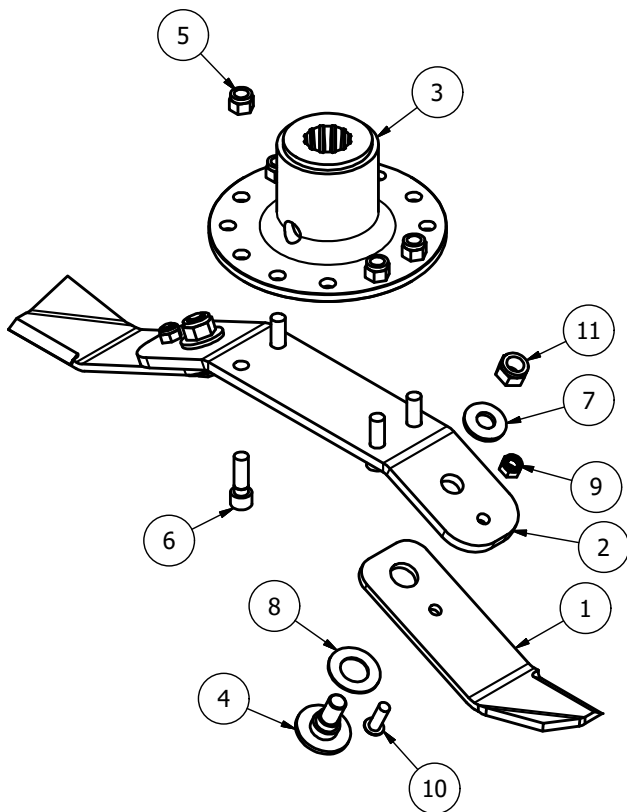
Item	Part No.	Description	Qty
1	BLD-25025-C405	BLADE 250xDia 25 (Clk)	2
2	BLDB6-315-25	BLADE BACK (315 CTR 25 deg)	1
3	DF-BMP	J205 G/BOX BLADE MOUNT	1
4	DSW50	DISC SPRING 50x25.4x2	2
5	BS-2507-03	THREADED BLADE SUPPORT	2
6	1/2F	1/2" FINE NYLOC NUT	4
7	12x112FSKS	1/2"x1 1/2" FINE SOCKET HEAD 12.9	4
8	CW39174	DISC SPRING 39x17x4 (YELLOW)	2
9	M10	M10 NYLOC NUT	2
10	M10x30SKBH	M10x30 SOCKET BUTTON HEAD 10.9	2
11	M16	M16 NYLOC NUT	2

2 off	MJ71-190
2 off	MJ71-240
2 off	MJ71-340
3 off	MJ71-400
4 off	MJ71-540
5 off	MJ71-600
5 off	MJ71-730

1 off	MJ71-190
2 off	MJ71-240
3 off	MJ71-340
3 off	MJ71-400
4 off	MJ71-540
4 off	MJ71-600
6 off	MJ71-730

# MJ71 Blades - Option 1

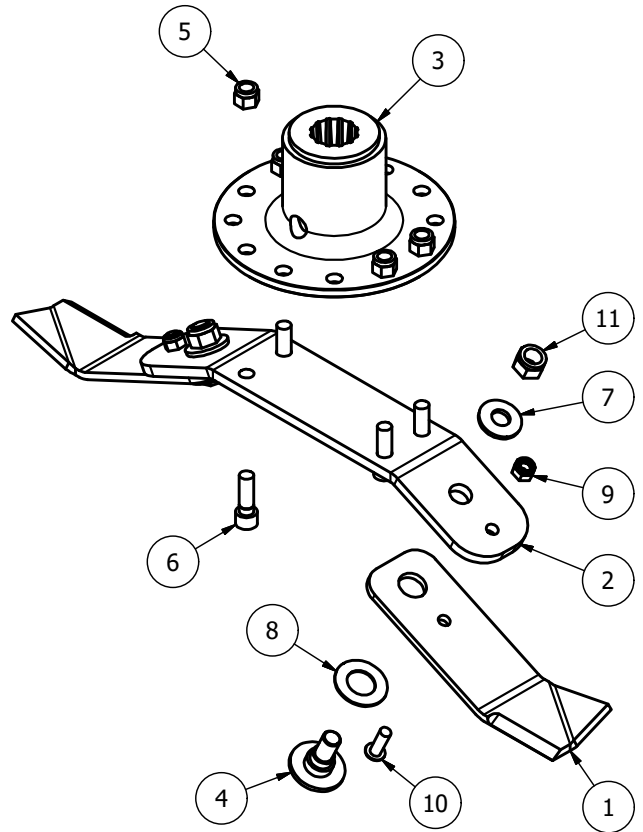
## 725-BLD7-FL



Item	Part No.	Description	Qty
1	BLD-25025-AC	BLADE 250xDia 25 (Anti-Clk)	2
2	BLDB6-315-25	BLADE BACK (315 CTR 25 deg)	1
3	DF-BMP	J205 G/BOX BLADE MOUNT	1
4	BS-2507-03	THREADED BLADE SUPPORT	2
5	1/2F	1/2" FINE NYLOC NUT	4
6	12x112FSKS	1/2"x1 1/2" FINE SOCKET HEAD 12.9	4
7	CW39174	DISC SPRING 39x17x4 (YELLOW)	2
8	FW1-7	DIA 1" THIN FLAT WASHER	2
9	M10	M10 NYLOC NUT	2
10	M10x30SKBH	M10x30 SOCKET BUTTON HEAD 10.9	2
11	M16	M16 NYLOC NUT	2

2 off	MJ71-190	
2 off	MJ71-240	
2 off	MJ71-340	
3 off	MJ71-400	
4 off	MJ71-540	
5 off	MJ71-600	optional
5 off	MJ71-730	optional

## 725-BLD7-FR

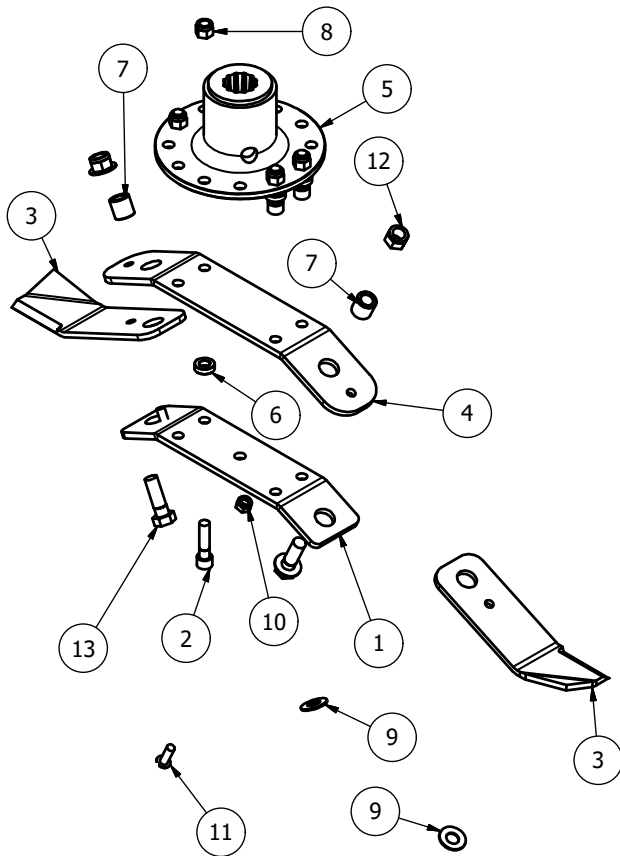


Item	Part No.	Description	Qty
1	BLD-25025-C	BLADE 250xDia 25 (Clk)	2
2	BLDB6-315-25	BLADE BACK (315 CTR 25 deg)	1
3	DF-BMP	J205 G/BOX BLADE MOUNT	1
4	BS-2507-03	THREADED BLADE SUPPORT	2
5	1/2F	1/2" FINE NYLOC NUT	4
6	12x112FSKS	1/2"x1 1/2" FINE SOCKET HEAD 12.9	4
7	CW39174	DISC SPRING 39x17x4 (YELLOW)	2
8	FW1-7	DIA 1" THIN FLAT WASHER	2
9	M10	M10 NYLOC NUT	2
10	M10x30SKBH	M10x30 SOCKET BUTTON HEAD 10.9	2
11	M16	M16 NYLOC NUT	2

1 off	MJ71-190	
2 off	MJ71-240	
3 off	MJ71-340	
3 off	MJ71-400	
4 off	MJ71-540	
4 off	MJ71-600	optional
6 off	MJ71-730	optional

## MJ71 Blades - Option 2

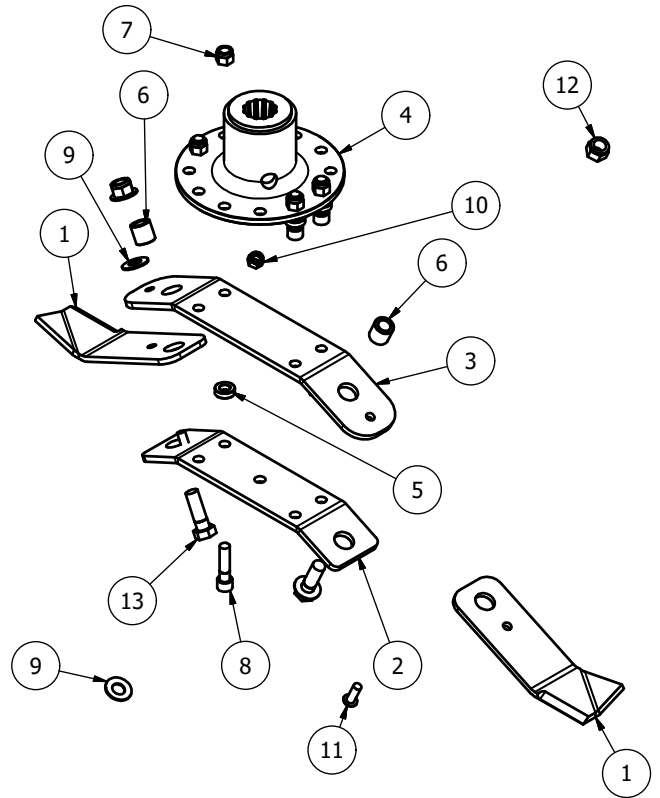
### 725-BLD4-FL



Item	Part No.	Description	Qty
1	BLDB4-300-25	BLADE BACK (300 CTR 25 deg)	1
2	12x2FSKS	1/2"x2" FINE SOCKET HEAD 12.9	4
3	BLD-25025-AC	BLADE 250xDia 25 (Anti-Clk)	2
4	BLDB4-315-25	BLADE BACK (315 CTR 25 deg)	1
5	DF-BMP	J205 G/BOX BLADE MOUNT	1
6	8SM9-3	BLADE BACK SPACER	4
7	BB25-16-24	BLADE BUSH	2
8	1/2F	1/2" FINE NYLOC NUT	4
9	DSW34	DISC SPRING 34x16.3x2	4
10	M10	M10 NYLOC NUT	2
11	M10x30SKBH	M10x30 SOCKET BTN HEAD 10.9	2
12	M16	M16 NYLOC NUT	2
13	M16x50BZP	M16x50 BOLT	2

2 off	MJ71-190
2 off	MJ71-240
2 off	MJ71-340
3 off	MJ71-400
4 off	MJ71-540

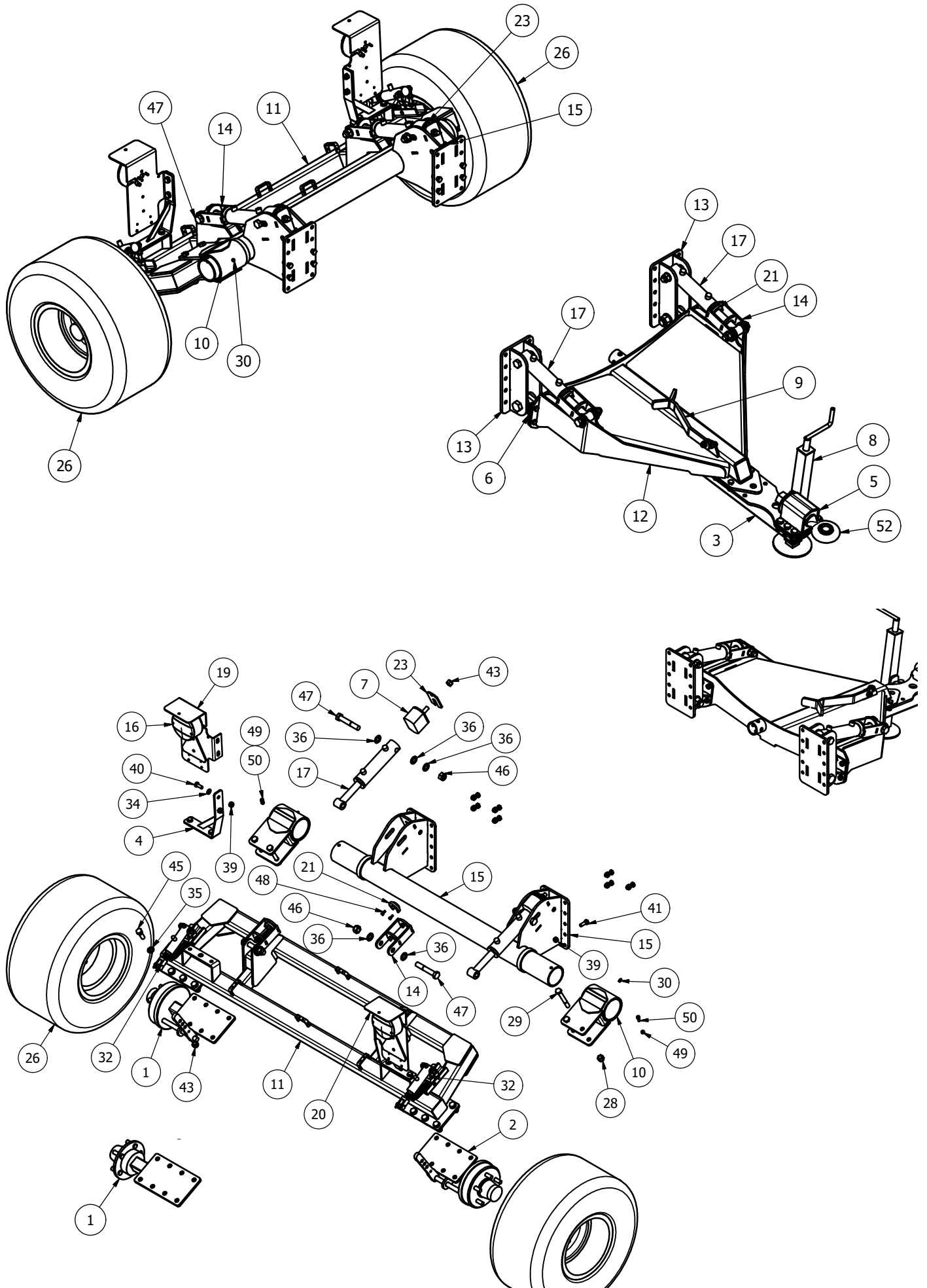
### 725-BLD4-FR

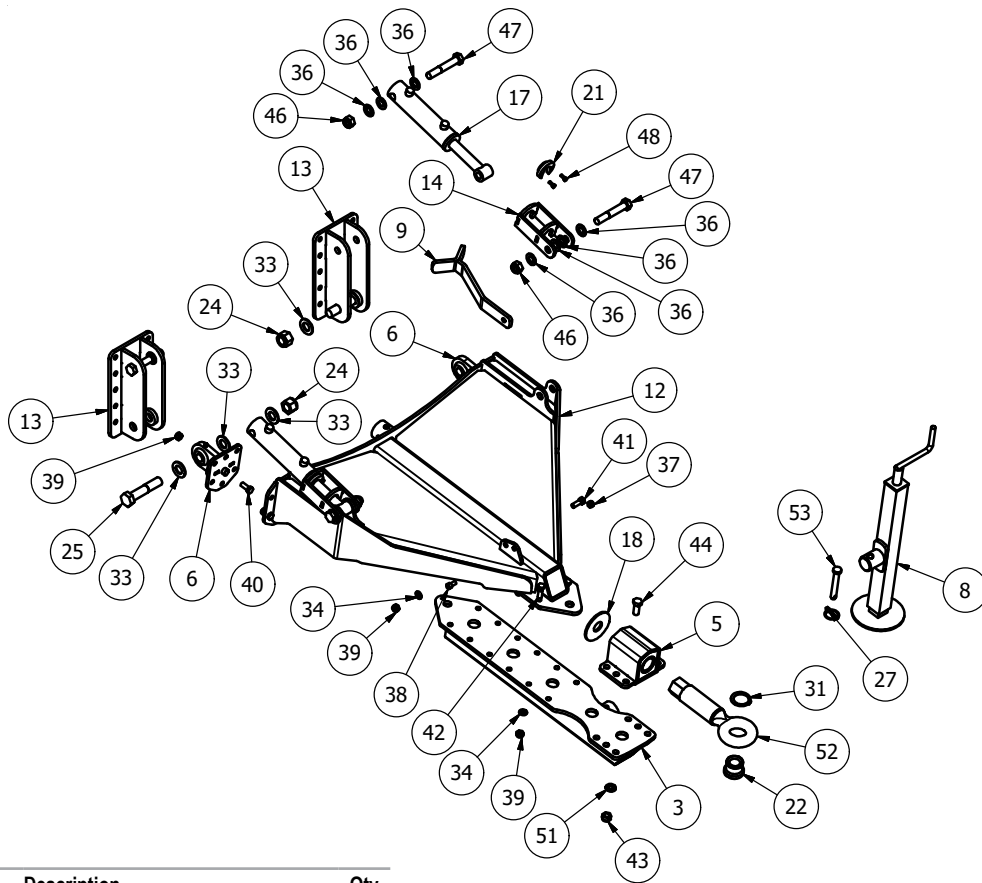


Item	Part No.	Description	Qty
1	BLD-25025-C	BLADE 250xDia 25 (Clk)	2
2	BLDB4-300-25	BLADE BACK (300 CTR 25 deg)	1
3	BLDB4-315-25	BLADE BACK (315 CTR 25 deg)	1
4	DF-BMP	J205 G/BOX BLADE MOUNT	1
5	8SM9-3	BLADE BACK SPACER	4
6	BB25-16-24	BLADE BUSH	2
7	1/2F	1/2" FINE NYLOC NUT	4
8	12x2FSKS	1/2"x2" FINE SOCKET HEAD 12.9	4
9	DSW34	DISC SPRING 34x16.3x2	4
10	M10	M10 NYLOC NUT	2
11	M10x30SKBH	M10x30 SOCKET BTN HEAD 10.9	2
12	M16	M16 NYLOC NUT	2
13	M16x50BZP	M16x50 BOLT	2

1 off	MJ71-190
2 off	MJ71-240
3 off	MJ71-340
3 off	MJ71-400
4 off	MJ71-540

# MJ71-600T/730T Trailed kit assembly

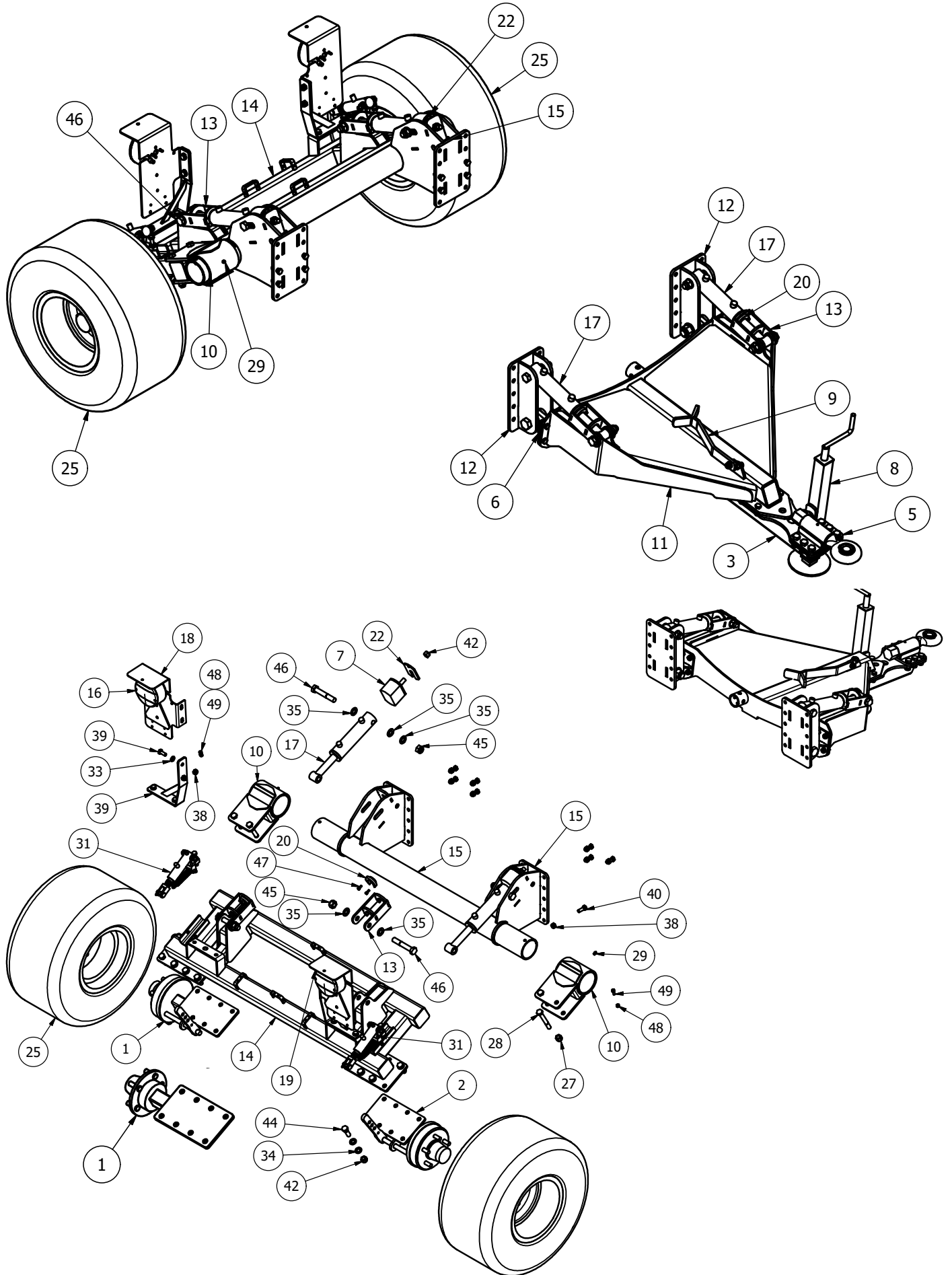


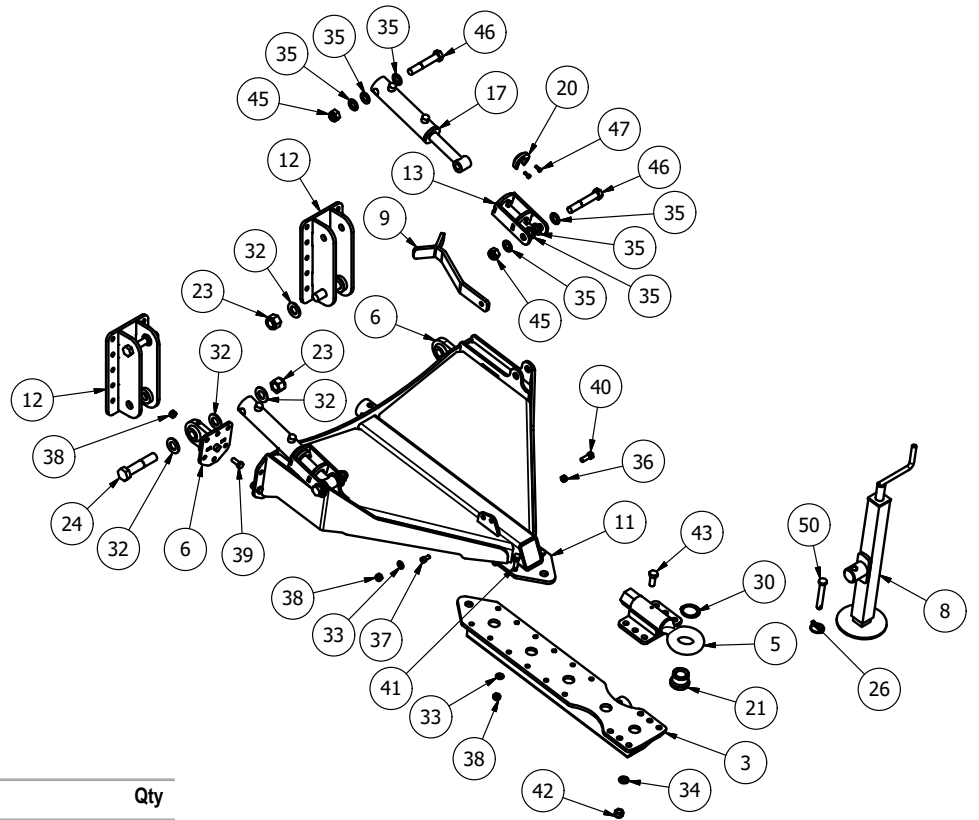
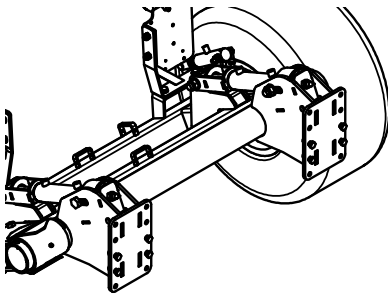


Item	Part No.	Description	Qty
1	MJ30-560T-AB12	CYCLONE STUB AXLE (UNBRAKED)	2
1	MJ30-560T-AB14	CYCLONE/SWIFT BRAKE STUB AXLE	1
2	MJ30-560T-AB14-H	CYCLONE/SWIFT BRAKE STUB AXLE	1
3	MJ30-560T-DB50	RUBBER HITCH DRAWBAR	1
4	MJ30-560T-LB03	LIGHT BRACKET	2
5	MJ30-TRAILED-RHE10	RUBBER HITCH EYE	1
6	MJ70-TDBP01	DRAWBAR PIVOT	2
7	MOT75-65	MOT75x65 BUFFER	2
8	SWT-JK20	SWIFT / CYCLONE JACK	1
9	12DB-030	PTO STAND	1
10	16TAM001	AXLE MOUNT	2
11	MJ30-560T-AB01	CYCLONE TRAILED AXLE	1
12	MJ30-560T-DB15	TRAILED DRAWBAR	1
13	MJ30-560T-FL01	FRONT LINKAGE	2
14	MJ30-560T-HAB08	RAM STOP	4
15	MJ30-560T-RL01	REAR LINKAGE	1
16	LC360LED	LIGHT LOOM & REFLECTORS	1
17	MJ70-TARAM	TRAILED AXLE RAM	4
18	MJ30-TRAILED-RHE06	REAR WASHER	1
19	TA-LGPLITL	LGP LIGHT BRACKET (LH)	1
20	TA-LGPLITR	LGP LIGHT BRACKET (RH)	1
21	MJ30-560T-HAB06	RAM CURB STOP	4
22	TDD-TEB	TOE EYE BUSH	1
23	8T19-65	BUFFER SPACER	2
24	1F	1" FINE NYLOC NUT	2
25	1x5FBZP	1"x5" FINE BOLT	2
26	3006512	DIA 685x305mm	2

27	37	LINCH PIN DIA 6	1
28	5/8F	5/8" FINE NYLOC NUT	4
29	58x5FBZP	5/8"x5" FINE BOLT	4
30	851	GREASE NIPPLE M8x1.25 STR	2
31	AGC2	DIA 50 EXT HEAVY CIRCLIP	1
32	BRS	BRAKE RAM	2
33	FW1	DIA 1" FLAT WASHER	6
34	FWM12	M12 FLAT WASHER	19
35	FWM16	M16 FLAT WASHER	28
36	FWM20	M20 FLAT WASHER	24
37	M10	M10 NYLOC NUT	1
38	M10x20SKS	M10x20mm SOC CAP HEAD 12.9	1
39	M12	M12 NYLOC NUT	39
40	M12x30SZP	M12x30 SET BOLT	20
41	M12x35BZP	M12x35 BOLT	9
42	M12x40BZP	M12x40 BOLT	10
43	M16	M16 NYLOC NUT	22
44	M16x40SZP	M16x40 SET BOLT	6
45	M16x50BZP	M16x50 BOLT	14
46	M20	M20 NYLOC NUT	8
47	M20x120BZP	M20x120 BOLT	8
48	M6x16SZP	M6x16 SET BOLT	8
49	M8	M8 NYLOC NUT	2
50	M8x20SKS129	M8x20mm SOC HEAD 12.9	2
51	NL16SP	M16 SP NORDLOCK	6
52	PT48	DRAWBAR EYE DIA 50	1
53	S15501	CAT 0 PIN DIA 16x97mm	1

# MJ71-340T/400T/540T Trailed kit assembly



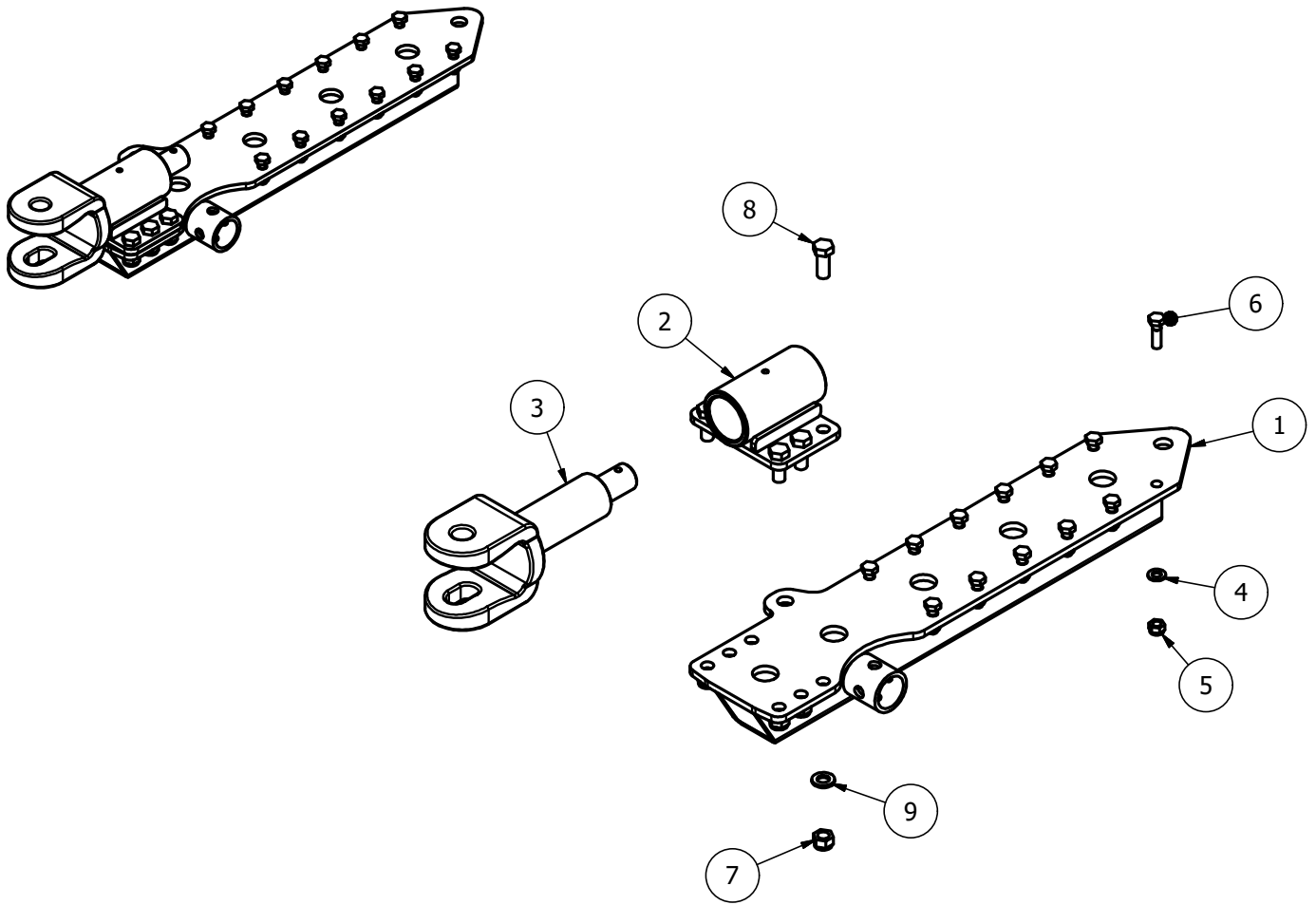


Item	Part No.	Description	Qty
1	MJ30-560T-AB12	CYCLONE STUB AXLE (UNBRAKED)	2
1	MJ30-560T-AB14	CYCLONE/SWIFT BRAKE STUB AXLE	1
2	MJ30-560T-AB14-H	CYCLONE/SWIFT BRAKE STUB AXLE	1
3	MJ30-560T-DB50	RUBBER HITCH DRAWBAR	1
4	MJ30-560T-LB03	LIGHT BRACKET	2
5	MJ30-TRAILED-SE10	SWIVEL EYE HITCH	1
6	MJ70-TDBP01	DRAWBAR PIVOT	2
7	MOT75-65	MOT75x65 BUFFER	2
8	SWT-JK20	SWIFT / CYCLONE JACK	1
9	12DB-030	PTO STAND	1
10	16TAM001	AXLE MOUNT	2
11	MJ30-560T-DB15	TRAILED DRAWBAR	1
12	MJ30-560T-FL01	FRONT LINKAGE	2
13	MJ30-560T-HAB08	RAM STOP	4
14	SW2-TAX-01	SWIFT NARROW TRAILED AXLE	1
15	SW2-TAX-10	TRAILED AXLE REAR LINKAGE	1
16	LALK016	LIGHT LOOM & REFLECTOR	1
17	MJ70-TARAM	TRAILED AXLE RAM	4
18	TA-LGPLITL	LGP LIGHT BRACKET (LH)	1
19	TA-LGPLITR	LGP LIGHT BRACKET (RH)	1
20	MJ30-560T-HAB06	RAM CURB STOP	4
21	TDD-TEB	TOE EYE BUSH	1
22	8T19-65	BUFFER SPACER	2
23	1F	1" FINE NYLOC NUT	2
24	1x5FBZP	1"x5" FINE BOLT	2
25	3006512	DIA 685x305mm	2

26	37	LINCH PIN DIA 6	1
27	5/8F	5/8" FINE NYLOC NUT	4
28	58x5FBZP	5/8"x5" FINE BOLT	4
29	851	GREASE NIPPLE M8x1.25 STR	2
30	AGC2	DIA 50 EXT HEAVY CIRCLIP	1
31	BRS	BRAKE RAM	2
32	FW1	DIA 1" FLAT WASHER	6
33	FWM12	M12 FLAT WASHER	19
34	FWM16	M16 FLAT WASHER	34
35	FWM20	M20 FLAT WASHER	24
36	M10	M10 NYLOC NUT	1
37	M10x20SKS	M10x20mm SOC CAP HEAD 12.9	1
38	M12	M12 NYLOC NUT	39
39	M12x30SZP	M12x30 SET BOLT	20
40	M12x35BZP	M12x35 BOLT	9
41	M12x40BZP	M12x40 BOLT	10
42	M16	M16 NYLOC NUT	22
43	M16x40SZP	M16x40 SET BOLT	6
44	M16x50BZP	M16x50 BOLT	14
45	M20	M20 NYLOC NUT	8
46	M20x120BZP	M20x120 BOLT	8
47	M6x16SZP	M6x16 SET BOLT	8
48	M8	M8 NYLOC NUT	2
49	M8x20SKS129	M8x20mm SOC HEAD 12.9	2
50	S15501	CAT 0 PIN DIA 16x97mm	1

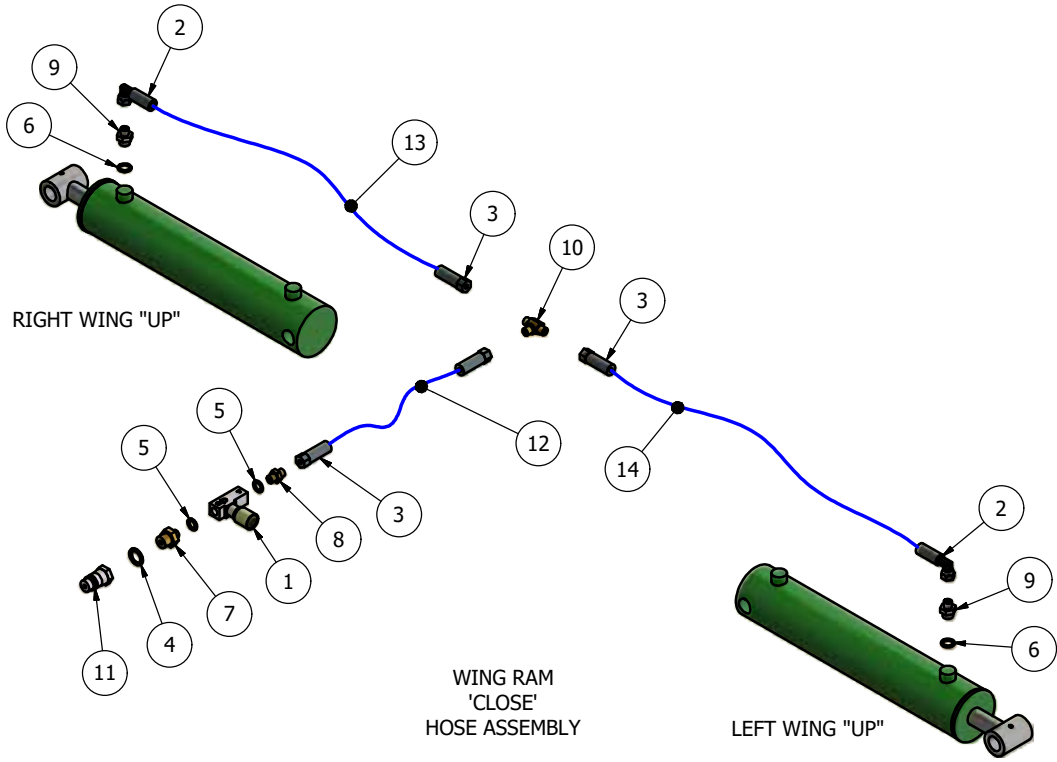


## Clevis Hitch (MJ30-TRAILED-RCE04)



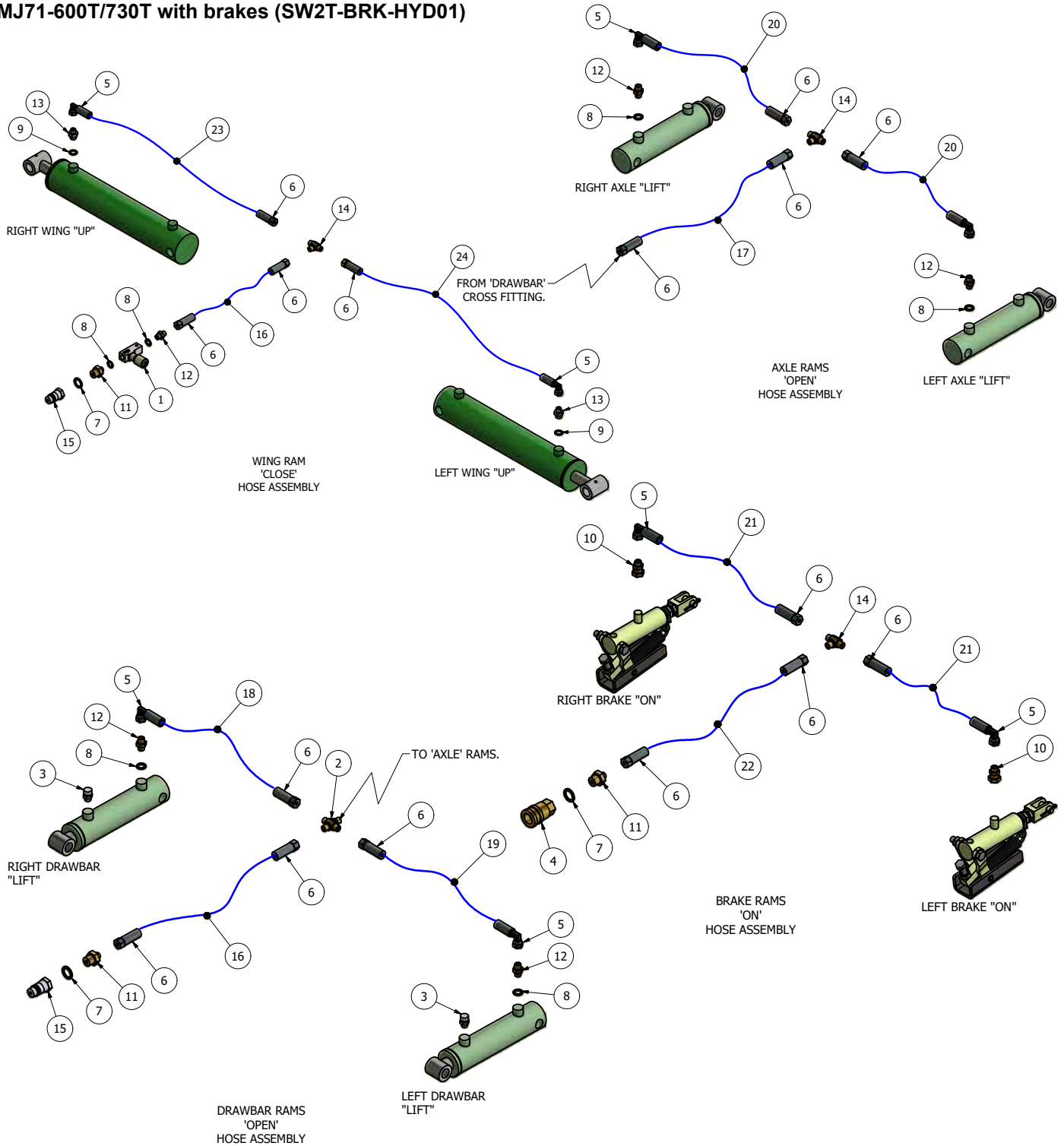
Item	Part No.	Description	Qty
1	MJ30-560T-DB50	RUBBER HITCH DRAWBAR	1
2	MJ30-TRAILED-RCE05	RHINO CLEVIS HITCH	1
3	00791214	ROLL CLEVIS EYE	1
4	FWM12	M12 FLAT WASHER	12
5	M12	M12 NYLOC NUT	12
6	M12x40BZP	M12x40 BOLT	12
7	M16	M16 NYLOC NUT	6
8	M16x40SZP	M16x40 SET BOLT	6
9	NL16SP	M16 SP NORDLOCK	6

**MJ71 Hydraulics**  
**MJ71-340/400/540 (SW2-HYD01)**



Item	Part No.	Description	Qty
1	1251-5-14	1/4" RESTRICTOR (BLACK) 204010V	1
2	CRP-1490B	1/4" CRIMP BLOCK 90	2
3	CRP1400	1/4" CRIMP (STRAIGHT)	4
4	EDOW12	1/2" DOWTY WASHER	1
5	EDOW14	1/4" DOWTY WASHER	2
6	EDOW38	3/8" DOWTY WASHER	2
7	EMM12-14	1/2"-1/4" M/M CONNECTOR	1
8	EMM14	1/4" M/M CONNECTOR	1
9	EMM3814	3/8-1/4" M/M CONNECTOR	2
10	EMMMT14	1/4" M/M/M CONNECTOR	1
11	QRM12	1/2" QUICK RELEASE MALE	1
12	SW2-HOSE-A	1/4"x 1800mm Str to Str	1
13	SW2-HOSE-B	1/4"x 900mm Str to Block 90	1
14	SW2-HOSE-C	1/4"x 1140mm Str to Block 90	1

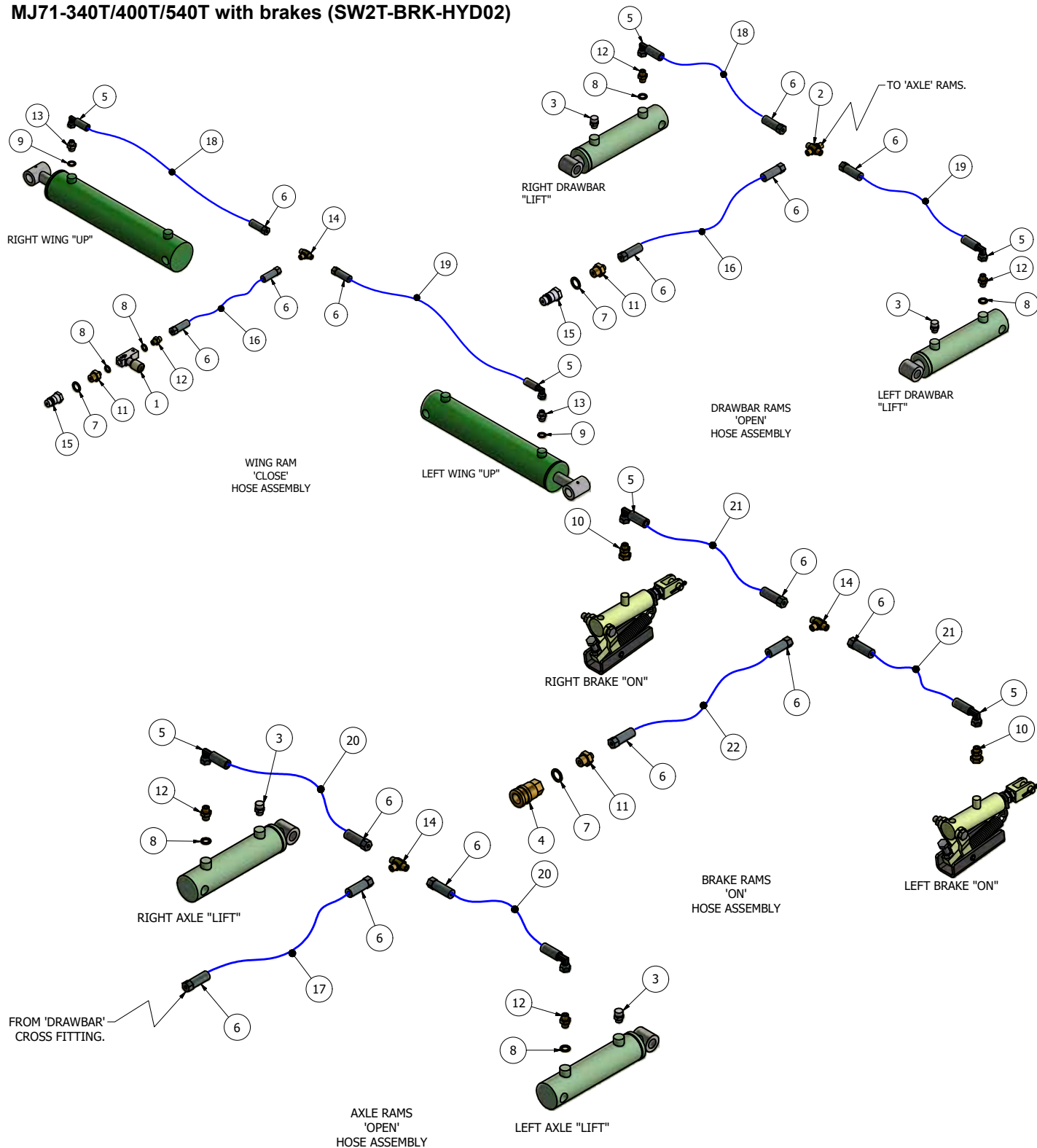
# MJ71-600T/730T with brakes (SW2T-BRK-HYD01)



Item	Part No.	Description	Qty
1	1251-5-14	1/4" RESTRICTOR (BLACK) 204010V	1
2	14CROSS	1/4" M/M/M/M CONNECTOR	1
3	EB02	1/4" VALVE BREATHER (68-1132-00)	2
4	BQRF12	1/2" BRAKE Q-RELEASE FEMALE	1
5	CRP-1490B	1/4" CRIMP BLOCK 90	8
6	CRP1400	1/4" CRIMP (STRAIGHT)	16
7	EDOW12	1/2" DOWTY WASHER	3
8	EDOW14	1/4" DOWTY WASHER	6
9	EDOW38	3/8" DOWTY WASHER	2
10	EMF1438	1/4" MALE 3/8" FEMALE CONNECTOR	2
11	EMM12-14	1/2"-1/4" M/M CONNECTOR	3

12	EMM14	1/4" M/M CONNECTOR	5
13	EMM3814	3/8-1/4" M/M CONNECTOR	2
14	EMMMT14	1/4" M/M/M CONNECTOR	3
15	QRM12	1/2" QUICK RELEASE MALE	2
16	SW2T-HOSE-A	1/4"x3050mm Str to Str	2
17	SW2T-HOSE-B	1/4"x1550mm Str to Str	1
18	SW2T-HOSE-C	1/4"x900mm Str to Block 90	1
19	SW2T-HOSE-D	1/4"x1140mm Str to Block 90	1
20	SW2T-HOSE-E	1/4"x635mm Str to Block 90	2
21	SW2T-HOSE-F	1/4"x1050mm Str to Block 90	2
22	SW2T-HOSE-G	1/4"x4600mm Str to Str	1
23	SW2T-HOSE-H	1/4"x1240mm Str to Block 90	1
24	SW2T-HOSE-K	1/4"x1480mm Str to Block 90	1

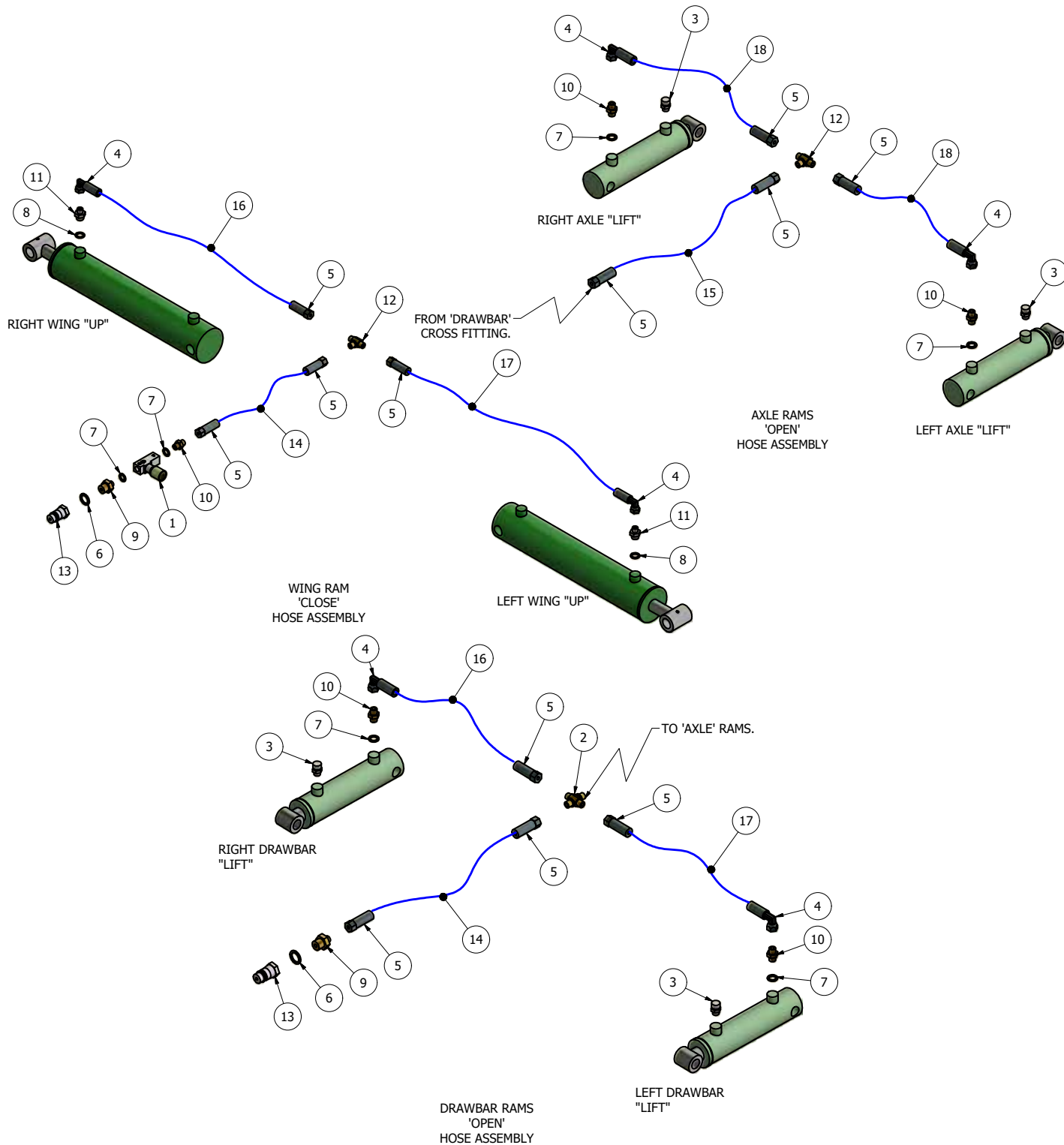
# MJ71-340T/400T/540T with brakes (SW2T-BRK-HYD02)



Item	Part No.	Description	Qty
1	1251-5-14	1/4" RESTRICTOR (BLACK) 204010V	1
2	14CROSS	1/4" M/M/M/M CONNECTOR	1
3	EB02	1/4" VALVE BREATHER (68-1132-00)	4
4	BQRF12	1/2" BRAKE Q-RELEASE FEMALE	1
5	CRP-1490B	1/4" CRIMP BLOCK 90	8
6	CRP1400	1/4" CRIMP (STRAIGHT)	16
7	EDOW12	1/2" DOWTY WASHER	3
8	EDOW14	1/4" DOWTY WASHER	6
9	EDOW38	3/8" DOWTY WASHER	2
10	EMF1438	1/4" MALE 3/8" FEMALE CONNECTOR	2
11	EMM12-14	1/2"-1/4" M/M CONNECTOR	3

12	EMM14	1/4" M/M CONNECTOR	5
13	EMM3814	3/8-1/4" M/M CONNECTOR	2
14	EMMMT14	1/4" M/M/M CONNECTOR	3
15	QRM12	1/2" QUICK RELEASE MALE	2
16	SW2T-HOSE A	1/4"x3050mm Str to Str	2
17	SW2T-HOSE-B	1/4"x1550mm Str to Str	1
18	SW2T-HOSE-C	1/4"x900mm Str to Block 90	2
19	SW2T-HOSE-D	1/4"x1140mm Str to Block 90	2
20	SW2T-HOSE-E	1/4"x635mm Str to Block 90	2
21	SW2T-HOSE-F	1/4"x1050mm Str to Block 90	2
22	SW2T-HOSE-G	1/4"x4600mm Str to Str	1

# MJ71-340T/400T/540T without brakes (SW2T-NBRK-HYD01)



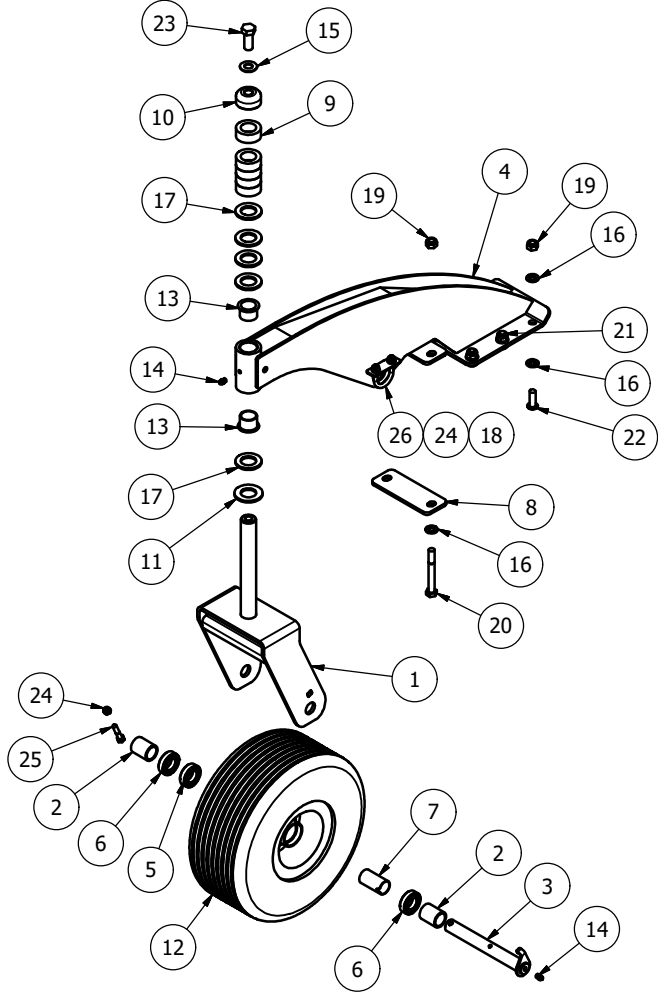
Item	Part No.	Description	Qty
1	1251-5-14	1/4" RESTRICTOR (BLACK) 204010V	1
2	14CROSS	1/4" M/M/M CONNECTOR	1
3	EB02	1/4" VALVE BREATHER (68-1132-00)	4
4	CRP-1490B	1/4" CRIMP BLOCK 90	6
5	CRP1400	1/4" CRIMP (STRAIGHT)	12
6	EDOW12	1/2" DOWTY WASHER	2
7	EDOW14	1/4" DOWTY WASHER	6
8	EDOW38	3/8" DOWTY WASHER	2
9	EMM12-14	1/2"-1/4" M/M CONNECTOR	2

10	EMM14	1/4" M/M CONNECTOR	5
11	EMM3814	3/8-1/4" M/M CONNECTOR	2
12	EMMMT14	1/4" M/M/M CONNECTOR	2
13	QRM12	1/2" QUICK RELEASE MALE	2
14	SW2T-HOSE A	1/4"x3050mm Str to Str	2
15	SW2T-HOSE-B	1/4"x1550mm Str to Str	1
16	SW2T-HOSE-C	1/4"x900mm Str to Block 90	2
17	SW2T-HOSE-D	1/4"x1140mm Str to Block 90	2
18	SW2T-HOSE-E	1/4"x635mm Str to Block 90	2

## Hydraulic Ram spares

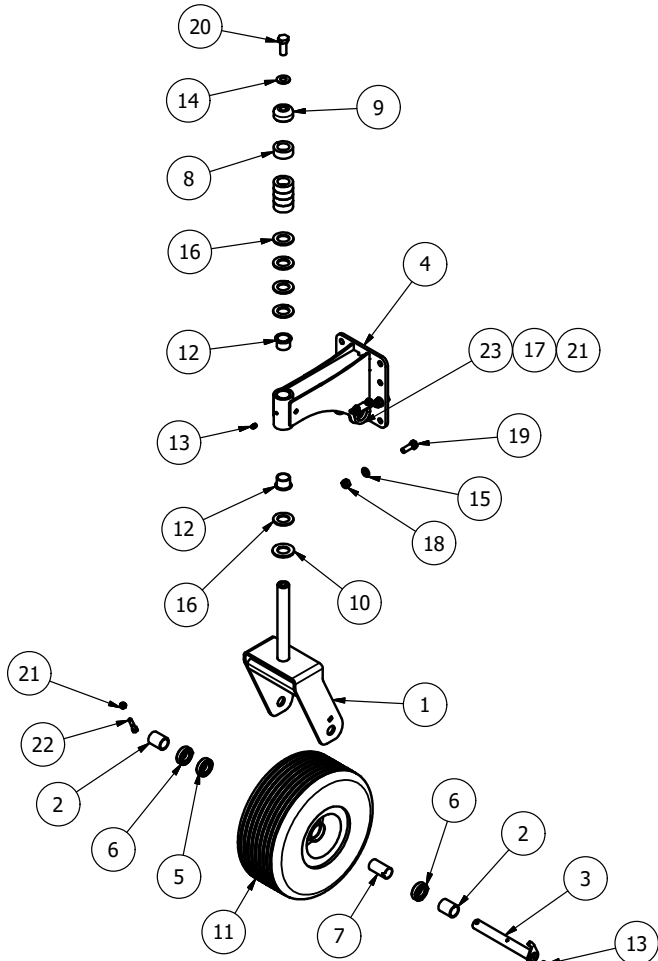
<b>Item Part No.</b>	<b>Description</b>	<b>Qty</b>
MJ70-TARAM-SK	SEAL KIT FOR MJ70-TARAM RAM	
CY-720-WR-SK	SEAL KIT FOR CY-720-W RAM	
CY-420-WR-SK	SEAL KIT FOR CY-420-W RAM	

**MJ71 - Wheel Assembly (SW2-CW-01)**



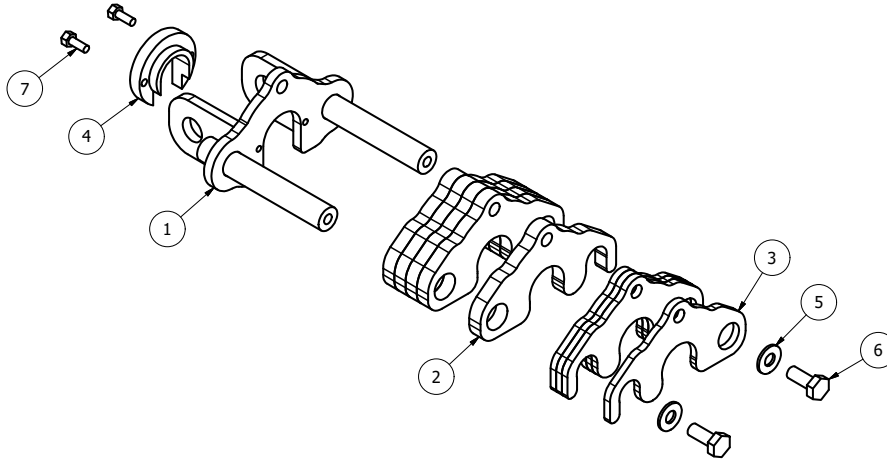
Item	Part No.	Description	Qty
1	MJ70-CW-020	MJ70 CASTOR YOKE	1
2	MJ70-CW-025	CASTOR SPACER	2
3	RMCW-030	CASTOR AXLE	1
4	SW2-CW-02	SWIFT CASTOR STAND	1
5	6005	47x25x12 DEEP GROOVE	1
6	6005RS	47x25x12 DEEP GROOVE	2
7	RMCW-033	BEARING SPACER TUBE	1
8	SW2-CW-07	NARROW CASTOR MOUNT	1
9	RM2-L019	20mm HEIGHT ADJUSTOR	5
10	RM2-L020	CASTOR TOP	1
11	0051300000VR	NYLON WASHER 56x31x4	1
12	15/6.00X6BKT	WHEEL 364x151mmx 6 PLY (TUBE)	1
13	3026DU	30x34x26 FLANGE BUSH	2
14	851	GREASE NIPPLE M8x1.25 STR	2
15	DSW34	DISC SPRING 34x16.3x2	1
16	FWM12	M12 FLAT WASHER	14
17	FWM30	M30 FLAT WASHER	5
18	FWM8	M8 FLAT WASHER	2
19	M12	M12 NYLOC NUT	8
20	M12x100BZP	M12x100 BOLT	2
21	M12x30SKBH	M12x30 SOCKET BUTTON HEAD 10.9	4
22	M12x35SKBH	M12x35 SOCKET BUTTON HEAD 10.9	2
23	M16x40SZP	M16x40 SET BOLT	1
24	M8	M8 NYLOC NUT	3
25	M8x40BZP	M8x40 BOLT	1
26	S8874-A	M8xDIA 35 U-BOLT (1 3/8")	1

**MJ71 - Wheel Assembly (SW2-400CW-01)**



Item	Part No.	Description	Qty
1	MJ70-CW-020	MJ70 CASTOR YOKE	1
2	MJ70-CW-025	CASTOR SPACER	2
3	RMCW-030	CASTOR AXLE	1
4	SW2-400CW-02	SWIFT BODY CASTOR STAND	1
5	6005	47x25x12 DEEP GROOVE	1
6	6005RS	47x25x12 DEEP GROOVE	2
7	RMCW-033	BEARING SPACER TUBE	1
8	RM2-L019	20mm HEIGHT ADJUSTOR	5
9	RM2-L020	CASTOR TOP	1
10	0051300000VR	NYLON WASHER 56x31x4	1
11	15/6.00X6BKT	WHEEL 364x151mmx 6 PLY (TUBE)	1
12	3026DU	30x34x26 FLANGE BUSH	2
13	851	GREASE NIPPLE M8x1.25 STR	2
14	DSW34	DISC SPRING 34x16.3x2	1
15	FWM12	M12 FLAT WASHER	4
16	FWM30	M30 FLAT WASHER	5
17	FWM8	M8 FLAT WASHER	2
18	M12	M12 NYLOC NUT	4
19	M12x35BZP	M12x35 BOLT	4
20	M16x40SZP	M16x40 SET BOLT	1
21	M8	M8 NYLOC NUT	3
22	M8x40BZP	M8x40 BOLT	1
23	S8874-A	M8xDIA 35 U-BOLT (1 3/8")	1

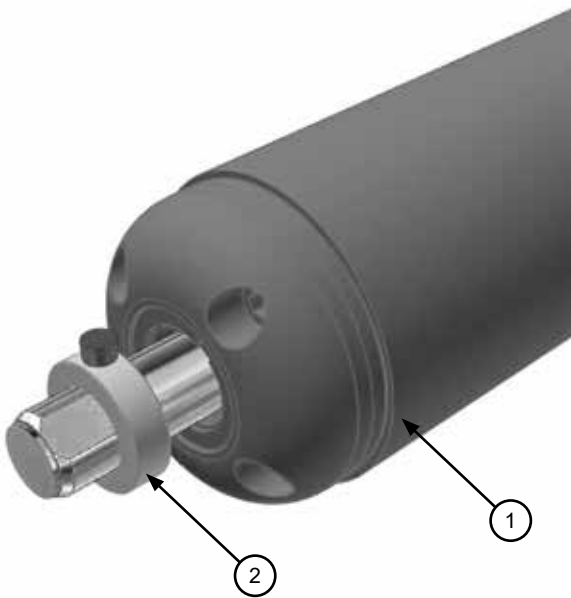
## Stepped height adjuster for hydraulic ram



Item	Part No.	Description	Qty
1	MJ30-560T-HAB01	RAM STOP	1
2	MJ30-560T-HAB04	RAM STOPPER PLATE	5
3	MJ30-560T-HAB13	RAM STOPPER PLATE	4
4	MJ30-560T-HAB06	RAM CURB STOP	1
5	FWM10	M10 FLAT WASHER	2
6	M10x25SZP	M10x25 SET BOLT	2
7	M6x16SZP	M6x16 SET BOLT	2

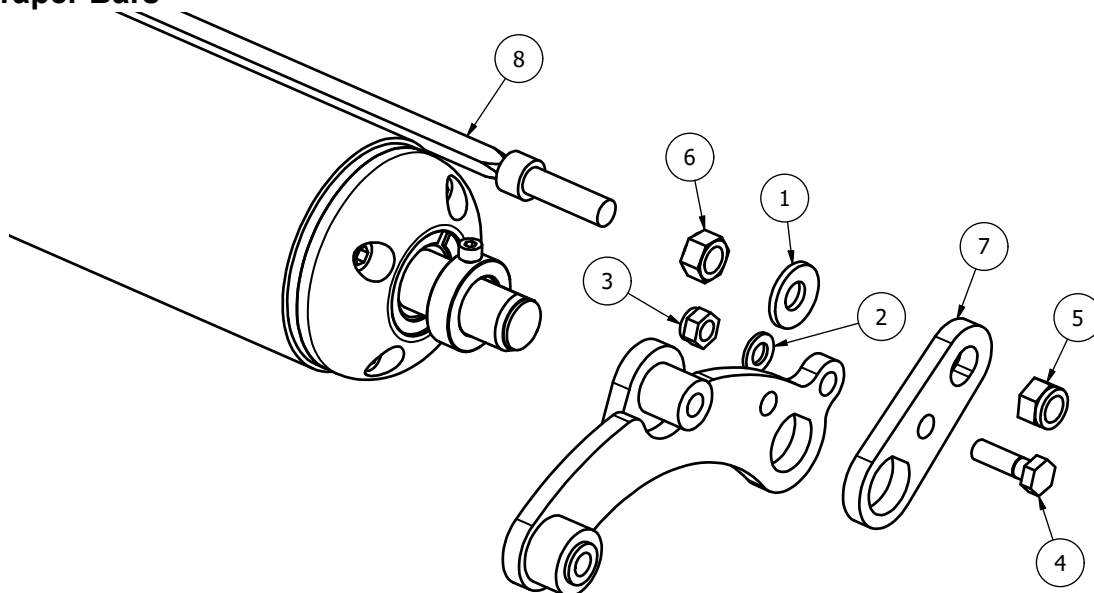


## MJ71 Rollers



Item	Part No.	Description	Qty
1	GM63-ROL	Roller	2 per MJ71-190
1	GM84-ROL	Roller	2 per MJ71-240
1	11GMROLW-V2	Roller	2 per MJ71-340 (wing)
1	SW2-400-ROLB	Roller	2 per MJ71-340 (body) 2 per MJ71-400 (body) 2 per MJ71-540 (body)
1	15000RM2-WR01	Roller	2 per MJ71-340 (wing) 4 per MJ71-400 (wing)
1	19000RM-WR01	Roller	4 per MJ71-540 (wing) 6 per MJ71-600 (body + wing) 2 per MJ71-730 (body)
1	SW2-730-WR01	Roller	4 per MJ71-730 (wing)
2	RM-RSN3	Collar 35mm c/w bolt	2 per roller

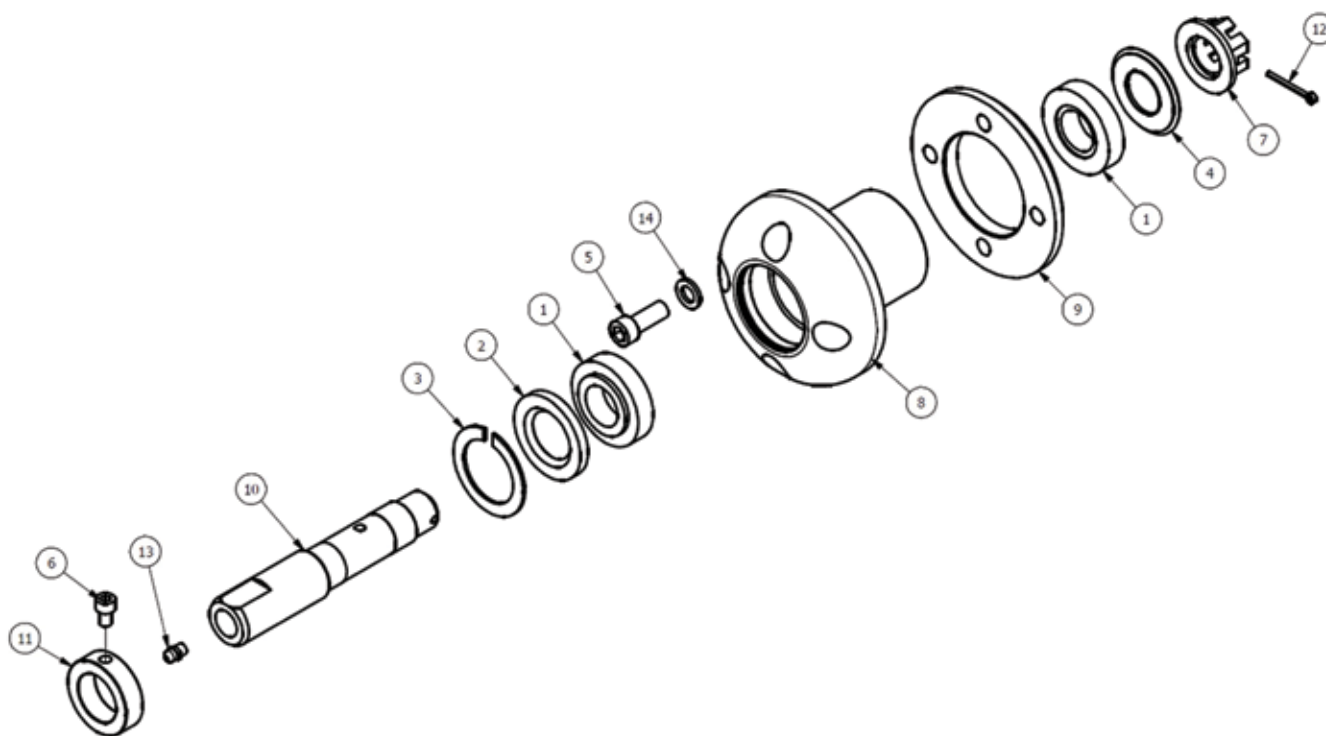
## MJ71 Scraper Bars



Item	Part No.	Description	Qty
1	CW39174	DISC SPRING 39x17x4 (YELLOW)	2
2	FWM12	M12 FLAT WASHER	2
3	M12	M12 NYLOC NUT	2
4	M12x40BZP	M12x40 BOLT	2
5	M16	M16 NYLOC NUT	2
6	M16HEX	M16 PLAIN NUT	2
7	SCRPR-SQ12-05	LOCKED SCRAPER MOUNT	2
8	SW2-190-BSCRPR-01	SCRAPER BAR	2 per MJ71-190
8	SW2-240-BSCRPR-01	SCRAPER BAR	2 per MJ71-240
8	SW2-270-WSCRPR-01	SCRAPER BAR	2 per MJ71-340 (wing)
8	SW2-400-BSCRPR-03	SCRAPER BAR	2 per MJ71-340 (body) 2 per MJ71-400 (body) 2 per MJ71-540 (body)
8	SW2-400-BSCRPR-05	SCRAPER BAR	2 per MJ71-340 (wing) 4 per MJ71-400 (wing)
8	SW2-540-BSCRPR-01	SCRAPER BAR	4 per MJ71-540 (wing) 6 per MJ71-600 (body + wing) 2 per MJ71-730 (body)
8	SW2-730-WSCRPR-01	SCRAPER BAR	4 per MJ71-730 (wing)

## Roller End - Parts List

### RM-04RBE



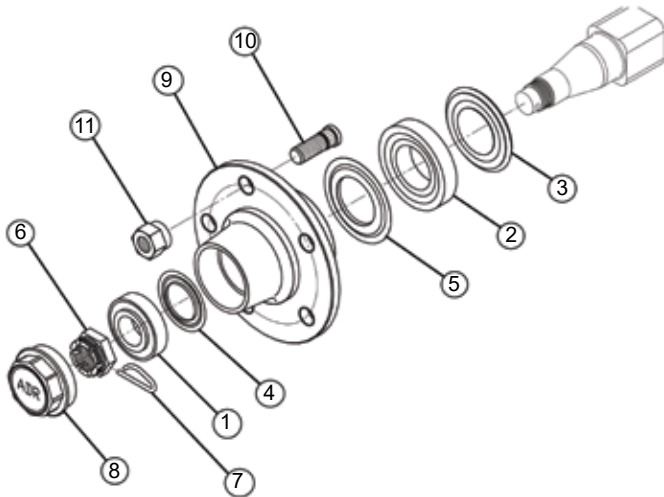
Item	Part No.	Description	Qty
1	30206	TAPER BRG 62x30x17.25	2
2	35627	SEAL 35x62x7	1
3	55112	DIA 62 INT CIRCLIP	1
4	30x62	WIPE SEAL (915PG30)	1
5	M12x30SKS	M12x30 SOCKET HEAD SCREW	4
6	M8x12SKS	M8x12mm SOCKET HEAD 12.9	1
7	RM-04NUT	NUT-WASHER WELDMENT	1
8	RM-04REH	ROLLER END HOUSING	1
9	RM-04REP	ROLLER END PLATE	1
10	RM-04RES	ROLLER END SHAFT	1
11	RM-RSN3	SHAFT COLLAR DIA 35	1
12	S1500	SPLIT PIN 1/8"x1 1/2"	1
13	S851	GREASE NIPPLE M8x1.25 STR	1
14	SWM12	M12 SPRING WASHER	4

## MJ71 PTO shafts

Item Part No.	Description	Machines	Safety
1 B5D081CE489003	Rear mount Binacchi T50 shaft	MJ71-190/240	SB/OR M10x50 8.8 (2648Nm)
1 602255	Rear mount Walterscheid 2400 greased	MJ71-340+	SB/OR M10x60 8.8 (2920Nm)
2 602256	Front mount Walterscheid 2400	MJ71-XXXFM	SB/OR M10x60 8.8 (2920Nm)
2 604348	Front mount Walterscheid 2500	MJ71-xxxFM	SB/OR M10x60 8.8 (2920Nm)
3 605911	Trailed Walterscheid 2480 (Wide angle)	MJ71-340T/400T/540T	SB/OR M10x60 8.8 (2920Nm)
3 605912	Trailed Walterscheid 2580 (Wide angle)	MJ71-600T/730T	SB/OR M10x60 8.8 (2920Nm)
4 DS8R136CEWS7001X	Trailed Bondioli (Wide angle)	MJ71-XXXT	Auto reset FSC (No OR) (2500Nm)
083CE05#081	Complete cover to suit DS8R136CEWS7001X		

## 50 SQ 5 Stud unbraked axle stub (to suit MJ30-560T-AB12)

### Wheel kit hub



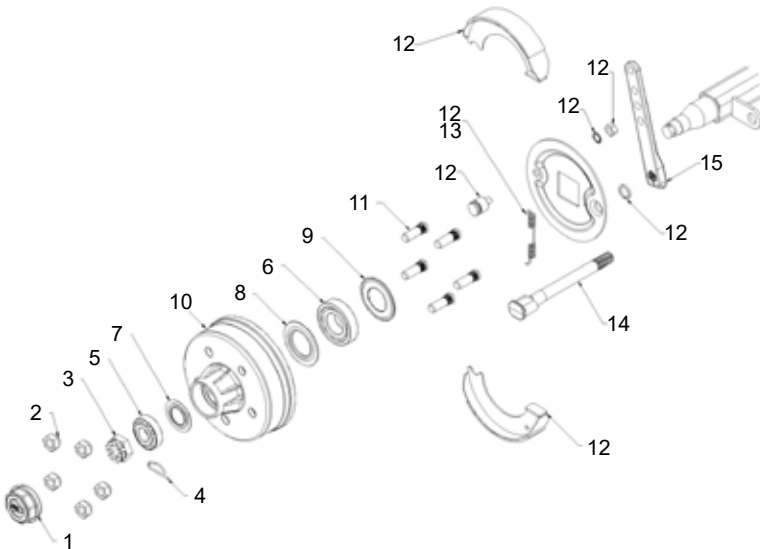
Item	Part No	Description
1	30206	Bearing 30206
2	30209	Bearing 30209
3	45x85	Oil seal
4	5510621	Nilos 30206
5	5510851	Nilos 30209
6	57527B1	Crown nut
7	58204	Spring pin
8	56106203	Cap
9	61L5JA001	Hub
10	57116B1	Stud
11	57316B1	Nut

### Bearing Kit

Part No	Description
BK20050	Bearing Kit for 50 SQ 5 Stud Unbraked
<b>Includes:</b>	
30206	Bearing
30209	Bearing
45X85	Seal

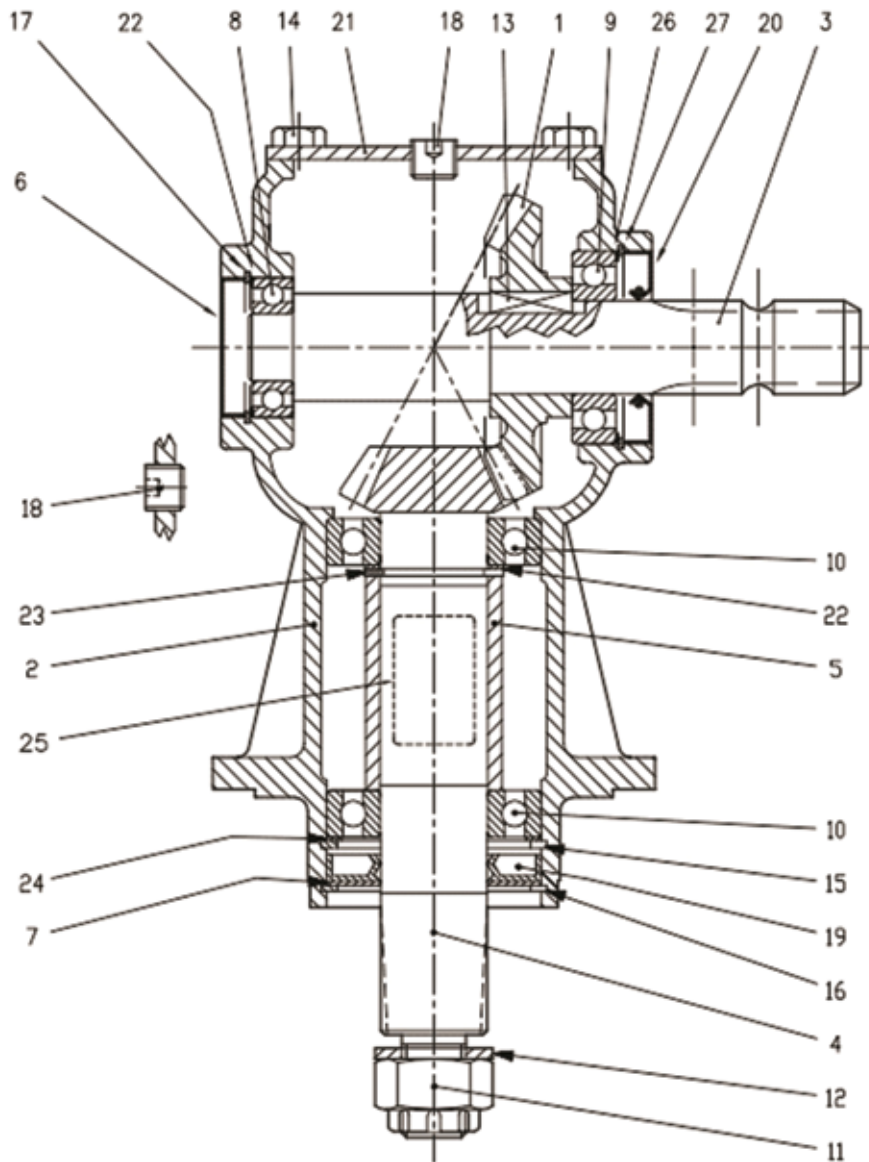
## 50 SQ 5 Stud braked axle stub (to suit MJ30-560T-AB14)

### Wheel kit hub



Item	Part No	Description
1	56106203	Cap
2	57316B1	Nut
3	57527B1	Crown nut
4	58204	Spring pin
5	30206	Bearing 30206
6	30209	Bearing 30209
7	5510621	Nilos 30206
8	5510851	Nilos 30209
9	45x85	Oil seal
10	65L5JA03	Drum 5 stud
11	57116B1	Stud
12	9RE0002	Brakes assembly (multiple parts)
13	738101	Spring only
14	7512021006	Cam shaft
15	7611201	Brake lever

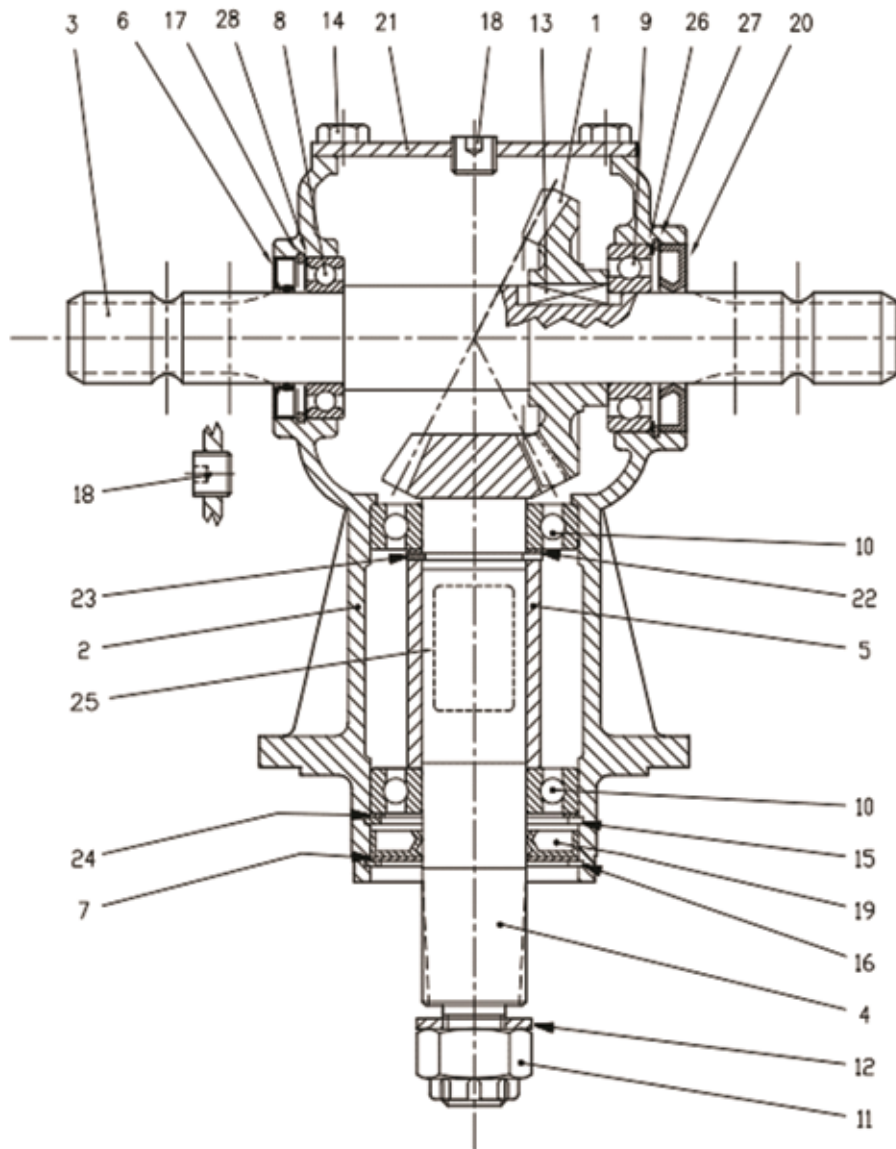
**LF205H (205 872) (1.92)**  
**LF205H-S (205 872) (1.92 SHORT)**



Item	Part No	Description	Qty
1	0.135.5000.00	0.135.5000.00 Crown Gear Z23 M5	1
2	0.205.0302.00	0.205.0302.00 Casing	1
3	<b>LF135/18</b>	<b>0.135.2001.00 Input Shaft</b>	<b>1</b>
3		<b>Shortened shaft Input Shaft for LF205H-S</b>	<b>1</b>
4	LF135/11S	0.135.6008.00 Pinion	1
5	LF135/10	0.135.7105.00 Spacer	1
6	8.7.0.00693	8.7.0.00693 Oil Cap	1
7	LF135/4	1.135.7100.00 Protective Washer	1
8	8.0.1.00034	8.0.1.00034 Ball Bearing 6205 (25x52x15)	1
9	LF135/15	8.0.1.00870 Bearing 6207	1
10	LF135/9	8.0.1.00871 Bearing 6208	2
11	LF135/1	8.2.2.00515 Castle Nut	1
12	LF135/2	8.3.2.00409 Bolt Washer 25x44x4	1
13	LF135/19	8.4.1.00993 Parallel Key B 10x8x30	1
14	M10x20SZP	8.1.1.00054 Bolts M10x20	4

15	8.5.2.00030	8.5.2.00030 Snap Ring (80x82.5x2.5)	1
16	LF135/3	8.5.3.00955 Snap Ring SB 81	1
17	8.5.2.01358	8.5.2.01358 Snap Ring (52x55x2.5)	1
18	LF135/13	8.6.6.00201 3/8" Gas Solid Plug	2
19	LF135/5	8.7.1.00748 Dust Lip 40x80x12	1
20	8.7.3.00055	8.7.3.00055 Oil Seal 25x72x10	1
21	0.205.1300.00	0.205.1300.00 cover	1
22	0.244.7500.00	0.244.7500.00 Shim Kit (40.2x51.5)	2
23	8.5.1.00680	8.5.1.00680 Snap ring (40x37x2.5 for shafts)	1
24	0.267.7500.00	0.267.7500.00 Shim Kit (69x79.7) LF135/7	1
25	0.205.7100.00	0.205.7100.00 Grascare Name Plate	1
26	T4A/5	0.248.7500.00 Shim Kit (60.3x71.7)	1
27	8.5.2.00131	8.5.2.00131 Snap Ring (72x75x2.5)	1

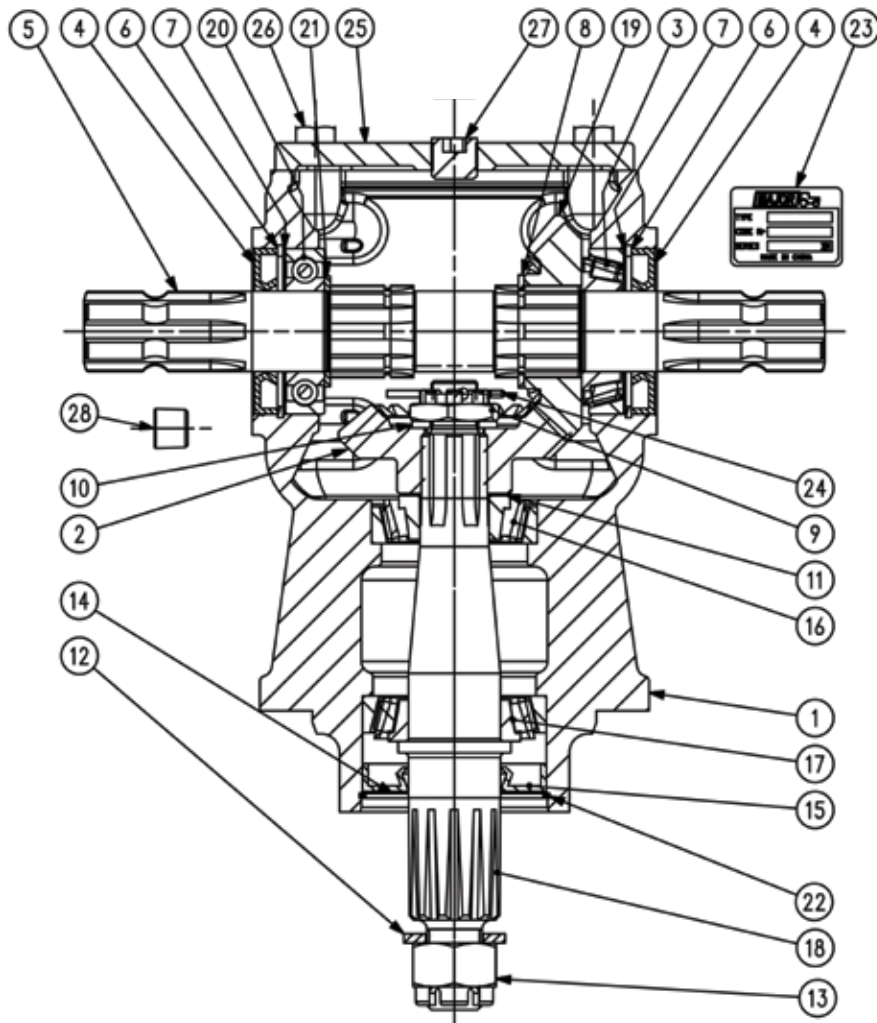
**LF205TH (205.874) (1.92)**  
**LF205TH-S (205.874) (1.92 SHORT)**



Item	Part No	Description	Qty	
1	0.135.5000.00	0.135.5000.00	Crown Gear Z23 M5	1
2	0.205.0303.00	0.205.0303.00	Casing (LF135/12)	1
3	0.135.2002.00	0.135.2002.00	Shaft (LF135/25)	1
3		Shortened shaft for LF205TH-S		
4	LF135/11S	0.135.6008.00	Pinion Shaft	1
5	0.135.7105.00	0.135.7105.00	Spacer (LF135/10)	1
6	8.7.3.01259	8.7.3.01259	Double Lip Seal (LF135/14)	1
7	1.135.7100.00	1.135.7100.00	Protective Washer (LF135/4)	1
8	8.0.1.00000	8.0.1.00000	Bearing 6007 (35x62x14)	1
9	8.0.1.00870	8.0.1.00870	Bearing 6207 (LF135/15)	1
10	8.0.1.00871	8.0.1.00871	Bearing 6208 (LF135/9)	2
11	8.2.2.00515	8.2.2.00515	Castle Nut (LF135/1)	1
12	8.3.2.00409	8.3.2.00409	Bolt Washer (LF135/2)	1
13	8.4.1.00993	8.4.1.00993	Parallel Key (LF135/19)	1
14	8.1.1.00054	8.1.1.00054	Bolts M10x20	4
15	8.5.2.00030	8.5.2.00030	Snap Ring (LF135/6)	1

16	8.5.2.00955	8.5.2.00955	Snap Ring (LF135/3)	1
17	85200648	8.5.2.00648	LF205/17 Circlip	1
18	8.6.6.00201	8.6.6.00201	Plug (LF135/13)	2
19	8.7.1.00748	8.7.1.00748 (LF135/5)	Double Lip Seal (40X80X12V)	1
20	8.7.3.00055 (357210)	8.7.3.00055	Oil Seal 35x72x10 (T4A/1)	1
21	0.205.1300.00	0.205.1300.00	Cover (LF205EP)	1
22	0.244.7500.00	0.244.7500.00	Shim Kit	1
23	8.5.1.00680	8.5.1.00680	Snap Ring (40x37.5x2.5) (LF135/7)	1
24	0.267.7500.00	0.267.7500.00	Shim Kit (69x79.7) LF135/7	1
25	N/A	0.205.7100.00	Name Plate	1
26	0.248.7500.00	0.248.7500.00	Shim Kit (60.3x71.7)	1
27	8.5.2.00131	8.5.2.00131 (LF135/27)	LF205/27 Circlip	1
28	0.113.7500.00	0.113.7500.00 (LF135/16)	Shim	1

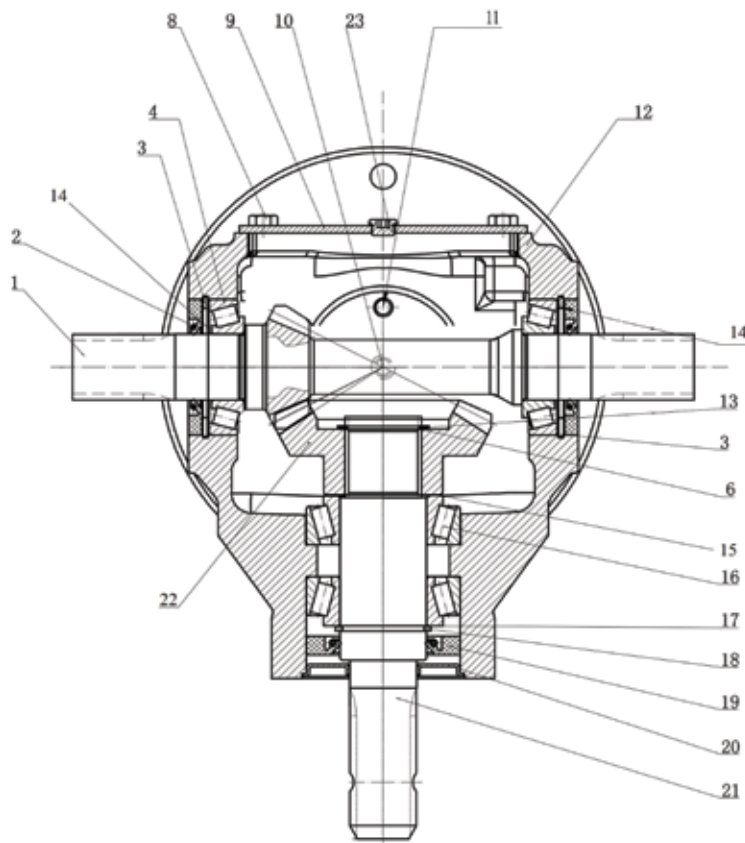
MJ40T11 (347.805) (1)



POS.	DRG. No.	PCS.	DESCRIPTION
1	0.347.0302.00	1	CASTING & MACHINING
2	0.347.6001.00	1	GEAR PINION Z19 M5.1
3	8.0.9.00026	1	ROLLER BEARING 30207 (35x72x18.25)
4	8.7.3.00055	2	OIL SEAL (35x72x10)
5	0.347.3000.00	1	THROUGH SHAFT 1"3/8 Z6 - 1"3/8 Z6
6	8.5.2.00131	2	SNAP RING (72x75x2.5 , FOR HOLES)
7	0.248.7500.00	2	SHIM KIT (60.3x71.7)
8	8.5.1.00680	1	SNAP RING (40x37.5x2.5 , FOR SHAFTS)
9	0.289.7102.02	1	CASTLE NUT (M20x1)
10	8.3.2.00531	1	FLAT WASHER (21x37x3)
11	0.102.7500.00	1	SHIM KIT (30.3x44)
12	8.3.2.00409	1	FLAT WASHER (25x44x4)
13	8.2.2.00515	1	CASTLE NUT (M24x2)
14	1.135.7100.00	1	PROTECTIVE FLAT WASHER (40.4x79.9x1)
15	8.7.1.00748	1	DUST LIP (40x80x12)
16	8.0.9.01049	1	ROLLER BEARING 30306 (30x72x20.75)
17	8.0.9.00024	1	ROLLER BEARING 30208 (40x80x19.75)
18	U0.040.3006.01	1	OUTPUT SHAFT ASA D.P. 8/16 Z12
19	0.347.5001.00	1	GEAR CROWN Z19 M5.1
20	8.0.1.00870	1	BALL BEARING 6207 (35x72x17)
21	0.259.7525.00	1	SHIM (35.3x48x2.5)
22	8.5.3.00955	1	SNAP RING SB 81 (81x82.8x2)
23	0.205.7100.00	1	"MAJOR" NAME PLATE
24	8.4.7.00823	1	COTTER PIN (4x40)
25	0.347.1300.00	1	TOP COVER
26	8.1.1.00061	4	BOLT M10x25 HMB (8.8)
27	8.6.6.00088	1	1/2" GAS SOLID PLUG
28	8.6.6.00201	1	3/8" GAS OIL LEVEL PLUG

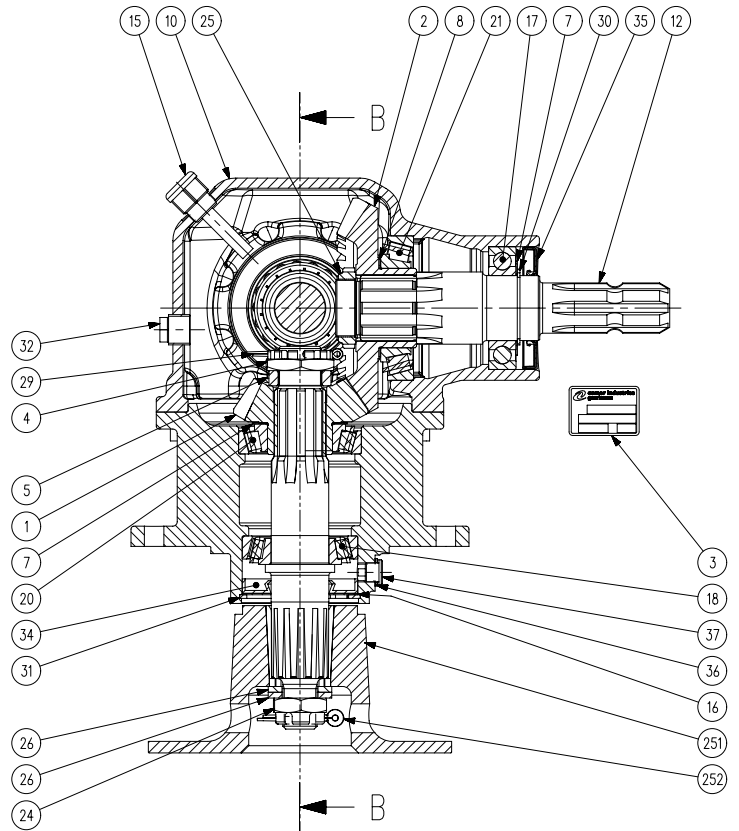
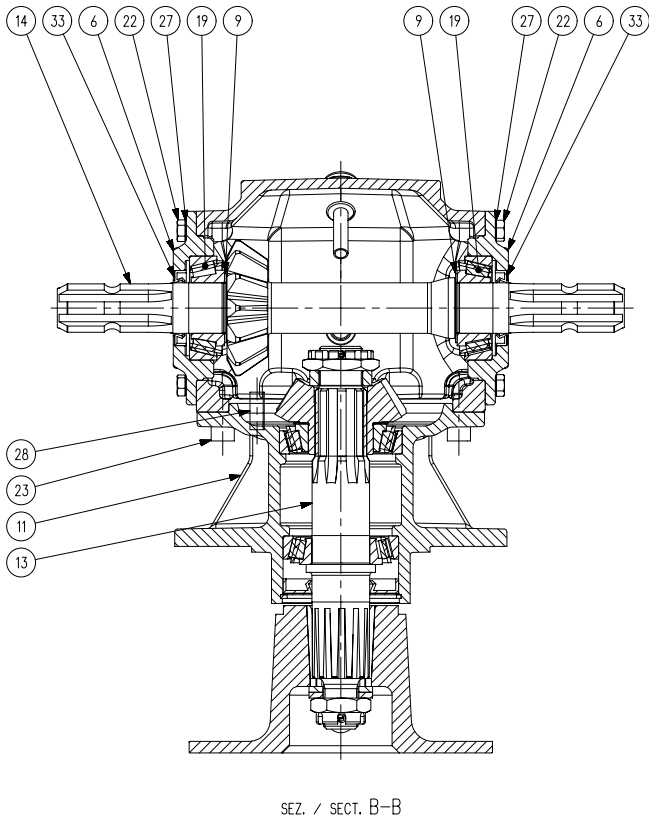


JJ.03499 (1.9 3W)



Item	Part No	Description	Qty
1	GB-03512-5001	output shaft	1
2	357207	double-lip seal 35x72x7	2
3	8.5.2.00131.00	circlip $\Phi 72 \times 2.5$	2
4	30207	tapered roller bearing 30207 (35x72x18.25)	2
6	0.240.7500	Adjusting washer (40.3x51.5)	
8	M8x16SZP	Hexagon bolt M8x16	4
9	GB-03512-1300	Cover	1
10	8.6.6.00088.00	Oil bung	1
11	8.6.7.00269	Oil breather bung	1
12	GB-03512-0300	housing	1
13	8.5.1.00029	circlip $\Phi 40 \times \Phi 37.5 \times 1.75$	1
14	0.248.7500	adjusting washer (60.3x71.7)	2
15	0.285.7500	adjusting washer(40.3x61.7)	
16	33109	tapered roller bearing 33109 (45x80x26)	2
17	0.175.7500	adjusting washer 45.2x54.8	
18	8.5.1.02368	Circlip $\Phi 45 \times 2.5$	1
19	8.7.1.00999	double-lip seal 45x80x10	1
20	GB-03512-7100	Protective washer	1
21	GB-03512-2000	Input shaft	1
22	GB-03512-6001	Bevel gear	1
23	9510.204.125	1/2 GAS oil plug+copper washer	1

## 266.208 (1.84 4W)



Item	Part No	Description	Qty
1	0.113.5000.00	PINION Z13 M6,33	1
2	0.113.6001.00	CROWN WHEEL Z24 M6,33	1
3	0.124.7101.00	PLATE "COMER"	1
4	0.132.7106.00	NUT M30X1.5	1
5	0.132.7109.00	SPACER 30.3x43x10.5	1
6	0.248.1350.00	COVER	2
7	0.252.7500.00	SHIM KIT 45.3x65.3	2
8	0.257.7500.00	SHIM 55.3x67.7	1
9	0.259.7500.00	SHIM KIT 35.3x48.0	2
10	0.266.0300.00	CASING	1
11	0.266.1704.00	EXTENSION	1
12	0.266.2003.00	SHAFT 1"3/8 Z6	1
13	0.266.3207.00	SHAFT	1
14	0.266.6012.00	PINION Z13	1
15	0.814.7102.00	OIL FILLER PLUG	1
16	1.135.7100.00	PROTECTIVE WASHER	1
17	8.0.1.00345	BALL BEARING 6209	1
18	8.0.9.00024	TAPERED ROLLER BEARING 30208	1
19	8.0.9.00127	TAPERED ROLLER BEARING 32207	2
20	8.0.9.00143	TAPERED ROLLER BEARING 30209	1
21	8.0.9.00174	TAPER ROLLER BEARING 30211	1
22	8.1.1.00083	HHB BOLT M8x20 UNI5739 8.8	16
23	8.1.2.01641	SHSC SCREW UNI5931 M10x25 12.9 DCRT320	8
24	8.2.2.01144	CASTLE NUT M24X2 PR80B	1
25	8.2.6.00181	LOCKNUT 40X1,5H12,1	1
26	8.3.2.00409	BOLT WASHER 25X44X4	2
27	8.3.7.00140	SPRING WASHER 8,4X13X1,2	16
28	8.4.5.01036	SPRING PIN 10X26 D7343	2
29	8.4.7.01111	COTTER PIN B4X55	1
30	8.5.1.00200	SNAP RING 45 UNI7435	1
31	8.5.2.00030	SNAP RING HOLE 80 UNI7437/DIN472	1
32	8.6.5.00203	PLUG 1/2"GAS	1
33	8.7.1.00624	DOUBLE LIP SEAL 35X52 X7	2
34	8.7.1.02266	DOUBLE LIP SEAL 40X80X10	1
35	8.7.1.02348	DUST LIP OIL SEAL 45X85X10	1
36	9440.316.300	COPPER WASHER 13,4X19X1,5 (1/4G)	1
37	9510.051.501	MAGNETIC PLUG 1/4 GAS DIN908	1

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