TRM6 & TRM8
Roller Mowers
Operation & Parts Manual

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EC DECLARATION OF CONFORMITY

*Conforming to EEC Machinery Directive 98/37/EC**

We,

TWOSE OF TIVERTON LIMITED
6 Chinon Court, Lower Moor Way,
Tiverton Business Park, Tiverton, Devon, EX16 6SS.

Declare under our sole responsibility that:

The product *(type)* Tractor Mounted Rotary Roller Mower ……..

……

Product Code …TRM6, TRM8……..

Serial No. & Date ……. Type ……

Manufactured by the above company/* ……..

……
(insert business name and full address if not stated above)*

Complies with the required provisions of the Machinery Directive 98/37/EC, * previously Directive 89/392/EEC as amended by Directives 91/368/EEC, 93/44/EEC and 93/68/EEC.
The machinery directive is supported by;

- BS EN ISO 12100:2003 Safety of Machinery. This standard is made up of two parts; Part 1 Terminology, methodology, Part 2 Technical Specifications.
- BS EN 1050 Safety of machinery - Principles of risk assessment.
- And other national standards associated with its design and construction as listed in the Technical File.

The Machinery Directive is fully implemented into UK law by means of the Supply of Machinery (Safety) Regulations 1992 (SI 1992/3073) as amended by The Supply of Machinery (Safety) (Amendment) Regulations 1994 (SI 1994/2063**).**

Signed ……..……..

on behalf of TWOSE OF TIVERTON LIMITED *Responsible Person*

Status: Chief Design Engineer *Date:* November 2009

LIST OF CONTENTS

GENERAL INFORMATION

Always read this manual before fitting or operating the machine – whenever any doubt exists contact your dealer or the Twose Service Department for advice and assistance.

Use only Twose Genuine Service Parts on Twose Equipment and Machines

DEFINITIONS – The following definitions apply throughout this manual:

WARNING
An operating procedure, technique etc., which – can result in personal injury or loss of life if not observed carefully.

CAUTION
An operating procedure, technique etc., which – can result in damage to either machine or equipment if not observed carefully.

NOTE
An operating procedure, technique etc., which – is considered essential to emphasis.

LEFT AND RIGHT HAND
This term is applicable to the machine when attached to the tractor and is viewed from the rear – this also applies to tractor references.

MACHINE & DEALER INFORMATION

Record the Serial Number of your machine on this page and always quote this number when ordering parts. Whenever information concerning the machine is requested remember also to state the make and model of tractor to which the machine is fitted.	
Machine Serial Number:	**Installation Date:**
Machine Model details:	
Dealer Name:	
Dealer Address:	
Dealer Telephone No:	
Dealer Email Address:	

MACHINE DESCRIPTION & PURPOSE OF USE

The TRM6 & TRM8 Series of Rotary Finishing Mowers are primarily designed for turf and grass maintenance in areas such as parks and playing fields. Their lightweight design and low power requirement make them best suited to small tractors. Any other use is considered improper and the manufacturer disclaims all responsibility for any consequential injuries to people or for damage to the machine caused by improper use or failure to adhere to the safety and maintenance information provided.

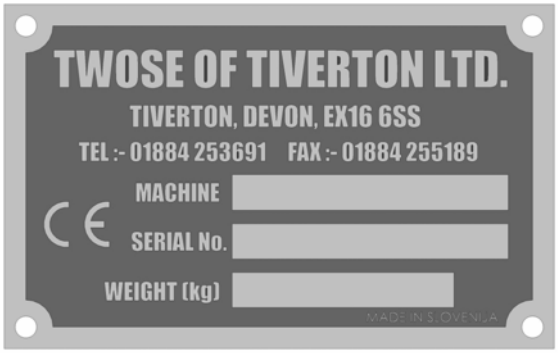
These machines should only be used to perform tasks for which they were designed – use of the machine for any other function may be both dangerous to persons and damaging to components and is therefore not advisable.

MACHINE IDENTIFICATION

Each machine is fitted with an identification plate with the following information:

1. Machine (Part Number)
2. Machine Serial No.
3. Machine Weight

When ordering spares or replacement parts from your local dealer it is important to quote both Part Number and Serial Number as stated on the identification plate so the machine and model can be quickly and correctly identified.



Machine Identification Plate

TECHNICAL SPECIFICATIONS

Specification	**TRM6**	**TRM8**
Width of Cut	*1860mm*	*2460mm*
Min. Tractor Power req'd	*25kw / 32hp*	*30kw / 40hp*
PTO Speed *(max)*	*540 rpm*	*540 rpm*
Weight	*540 kg*	*646 kg*
Tractor Attachment	*Cat.1& Cat. 2*	*Cat.1& Cat. 2*
No. of Blades Spindles	*3*	*4*
Height of Cut *(min / max)*	*12mm / 90mm*	*12mm / 90mm*
Overall Width	*2020mm*	*2620mm*
Length	*1520mm*	*1520mm*
Blade Tip Speed	*86m/s*	*86m/s*
Blade Overlap	*38mm*	*38mm*

General safety rules:

- ▲ Always read and follow the instructions for the use and maintenance of the machine before carrying out any work operations or servicing tasks.
- ▲ Improper use of the machine is both highly dangerous to persons and damaging to the machine components – only use the machine for its designated task.
- ▲ Both operators and the maintenance fitters should be familiar with the machine and fully aware of dangers surrounding improper use or incorrect repairs.
- ▲ Before starting, checks to both tractor and machine must be carried out as regards: functionality, road safety, accident prevention rules.
- ▲ Even when using the machine correctly, stones or other objects may be thrown a long distance. Therefore nobody must stand within the danger area. Special attention must be paid when working near roads or buildings.
- ▲ Use tractor's fitted with safety cabs.
- ▲ The condition of flails and of machine guards must be checked before beginning the daily work - they must be replaced if damaged or missing before you use the machine.
- ▲ During checks or repairs, ensure nobody can start the machine by mistake.
- ▲ Never wear loose or fluttering clothes.
- ▲ Never carry passengers on the tractor.
- ▲ Never carry passengers on the machine.
- ▲ Never connect the power takeoff with the engine running.
- ▲ Never approach the machine until the rotor has completely stopped.
- ▲ Do not enter the working zone of the PTO shaft. It is dangerous to approach the rotating parts of a machine.
- ▲ Keep the PTO shaft guard in good condition.
- ▲ Before starting, check the surrounding area for the likely presence of children and/or animals.
- ▲ Do not stand near the machine when it is operating.
- ▲ The PTO shaft must be assembled and disassembled only with the engine stopped and the starting key removed.
- ▲ Before connecting the power takeoff, check that the speed and the rotational direction correspond to those of the machine.
- ▲ Immediately replace missing or damaged safety decals.
- ▲ Before leaving the tractor with the machine attached, proceed as follows:

1. Disconnect the power takeoff,
2. Put the machine steadily on the ground using the tractor's hydraulic lift.
3. Apply the hand brake and, if the ground is steeply sloping, wedge the tractor.
4. Remove the starting key.

Transportation Safety

- ▲ In transport, reduce speed, especially on bumpy roads, the weight of the machine may render driving difficult and damage the machine itself.
- ▲ Ensure the levers that operate the hydraulic lift are locked, to avoid the lowering of the machine during transport.
- ▲ When driving on public roads, respect all road rules in force.
- ▲ Never transport the machine with the rotor running, even for short distances.

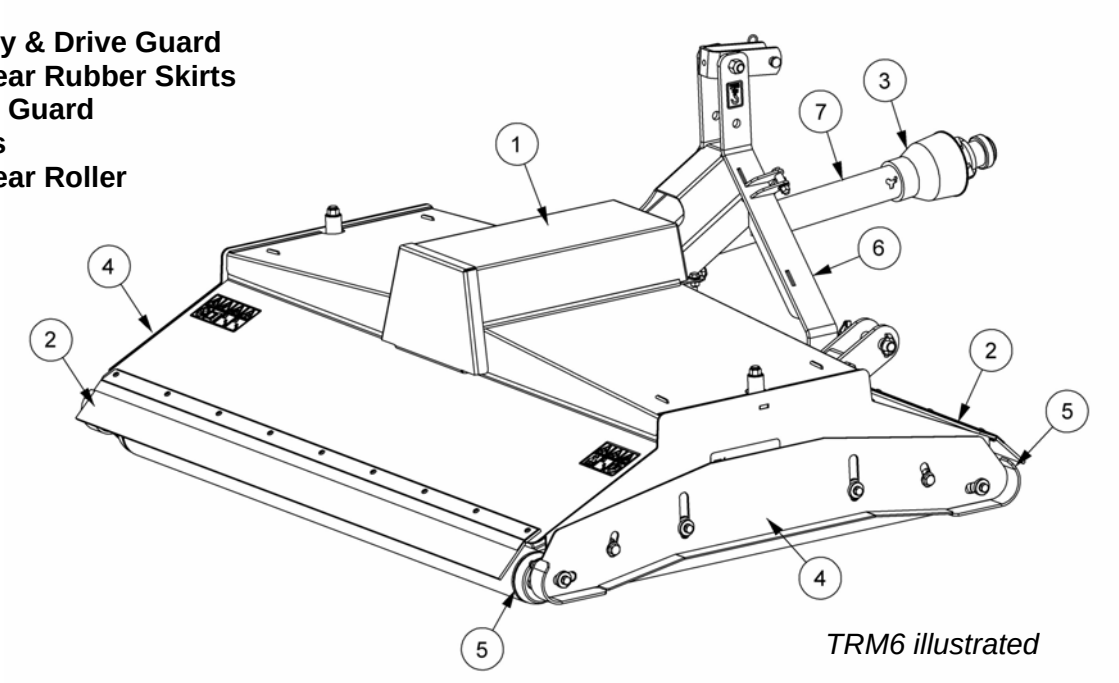
Operating Safety

- ▲ Pay special attention when working with the machine not to touch fixed objects such as road drain, walls, shafts, kerbs, guard rails, tracks etc. This could cause the breakage of the blades, which would be thrown out of the machine at very high speed.
- ▲ If wires, ropes or chains should become entangled in the rotor stop immediately to prevent damage or dangerous situations; stop the rotor and the tractor, take out the starting key. Put working gloves on; clear the rotor with the aid of pliers or shears. Do not try to disentangle by inverting the rotational direction of the rotor.
- ▲ Do not use the machine when excessive vibration is experienced, as this may cause breakage and serious damage - find the cause of the vibration and eliminate it before using the machine again.

Although the information given here covers a wide range of safety subjects, it is impossible to predict every eventuality that can occur under differing circumstances whilst operating this machine. No advice given here can replace 'good common sense' and 'total awareness' at all times, but will go a long way towards the safe use of your Twose machine.

MACHINE GUARDS & COMPONENT LOCATIONS

1. **Belt, Pulley & Drive Guard**
2. **Front & Rear Rubber Skirts**
3. **PTO Shaft Guard**
4. **Side Skids**
5. **Front & Rear Roller**
6. **A-Frame**
7. **PTO Shaft**



TRM6 illustrated

PRE-INSTALLATION AND HANDLING INSTRUCTIONS

Lifting and Unloading
To handle the machine, use an elevator with a lifting capability suitable to the weight of the machine.

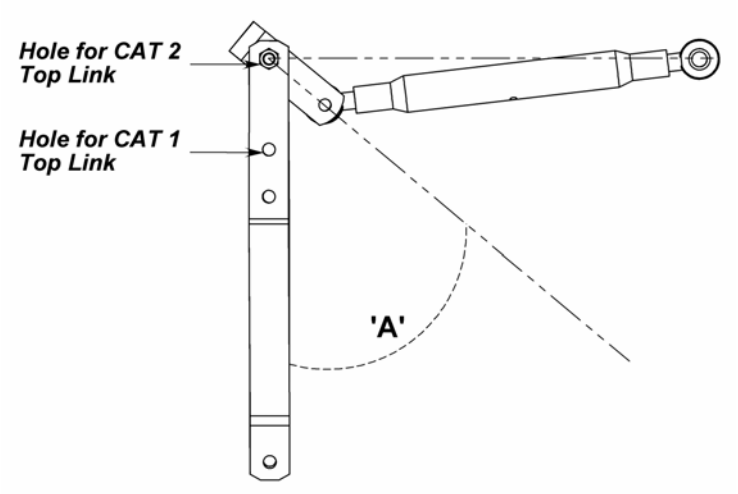
Pre-Attachment
Before attaching the machine to the tractor for use it is mandatory to;

- Visually check the condition of the machine in general.
- Ensure all guards are fitted correctly and are in good condition.
- Ensure Blades are fitted correctly and are in good condition.
- Grease bearings and any other part as indicated by a decal.
- Check that the number of revolutions and the rotational direction of the PTO correspond to the requirement of the machine.

Attaching the Machine

- With the tractor and machine on firm level ground, back the tractor up to the machine so that the lower draft links are in alignment with the machines lower lift pins
- Place tractor in park, switch off engine and remove key.
- Connect the tractor and stabiliser bars to the lower lift pins.
- Lock the parallel links of the power lift with the relative chains and rods on the tractor to prevent the coupled machine from moving in a horizontal direction.
- Fit the driveline to the power takeoff on the tractor making sure it has seated in the correct position and that it is free to turn and fixed with the relative latches, both on the tractor and on the machine. *Refer to following page for details of PTO fitment.*
- Connect the top link and adjust as necessary to achieve alignment with the ground.

  With both tractor and mower on firm level ground adjust the top link to give an angle at 'A' of approx. 45° so that the mower (sitting on its rollers) is able to follow ground undulations behind the tractor, both up and down - Refer to diagram below.



Detaching the Machine

Detachment of the machine is a reversal of the procedure above. Ensure the site chosen for machine detachment is a firm, level location for both safe parking and subsequent ease of re-attachment. Chock rollers to prevent any risk of machine movement whilst parked.

Machine Storage

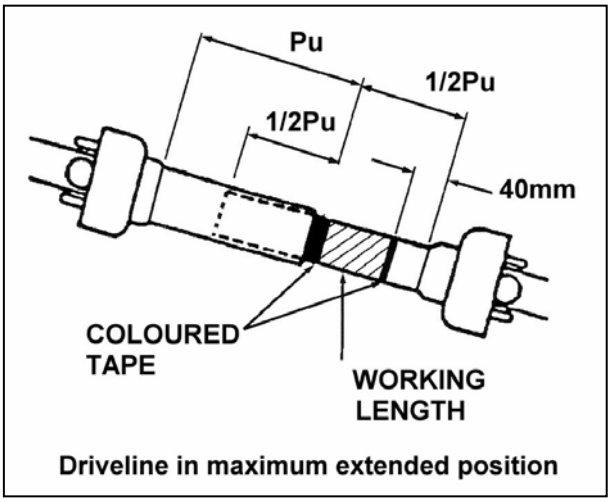
The machine should be stored in a clean, dry environment where it is protected from the elements. Clean and lubricate the machine prior to storage, and inspect for damaged and/or missing components so they can be pre-ordered and fitted ready for the next seasons work. Ensure the machine is parked safely at all times with no risk of moving or falling.

FITTING THE PTO DRIVE SHAFT

WARNING!
A loose shaft could slip off resulting in personal injury or damage to the machine. When attaching PTO yoke to tractor PTO shaft ensure that the spring activated locking collar slides freely and that the locking balls are seated in the groove on PTO shaft.
NOTE: QS-lock is fully engaged if collar can be rotated freely.

WARNING!
Before operating mower:
Check to make sure the driveline will not 'bottom out' or become disengaged.

- Disengage the driveline from the tractor PTO shaft.
- Slide the driveline together until it 'bottoms out' solidly. Extend shaft 40mm, then apply coloured tape level with outer tube shield – *this shows minimum shaft length.*
- Slide driveline apart until ½ PU length of inner shaft shield is exposed, *see diagram below*, apply coloured tape level with outer tube shield as before, this then indicates maximum shaft length.
- Re-attach driveline to tractor PTO shaft.



Driveline in maximum extended position

With the PTO disengaged (not turning), slowly drive the tractor with mower attached through the most severe terrain conditions expected and watch shaft movement. The end of the outer shield should always be located between the tape markers.
Check position which places driveline at maximum extended length and at minimum compressed length – *the minimum compressed length should always maintain at least 40mm (1-9/16") clearance, if not shorten as described in the following page.*
If driveline cannot be shortened and still maintain ½ PU dimension engagement when at maximum extended length, then the operator should be aware of it, so that they can recognise the terrain conditions that might cause problems i.e. avoiding possible damage by disconnecting driveline from tractor and/or crossing the terrain in a different manner. If driveline is shortened, re-apply the coloured tapes and re-check length, as above.
See special instructions for rough terrain operations on following page.

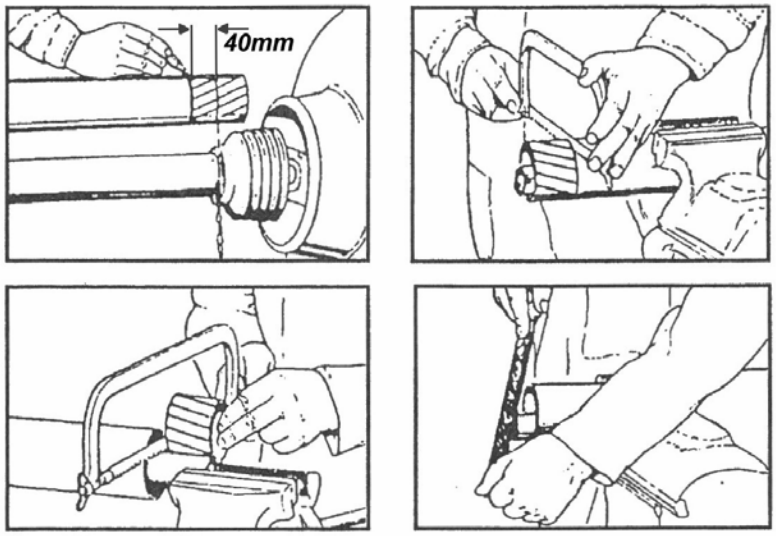
PTO Shaft Length Adjustment

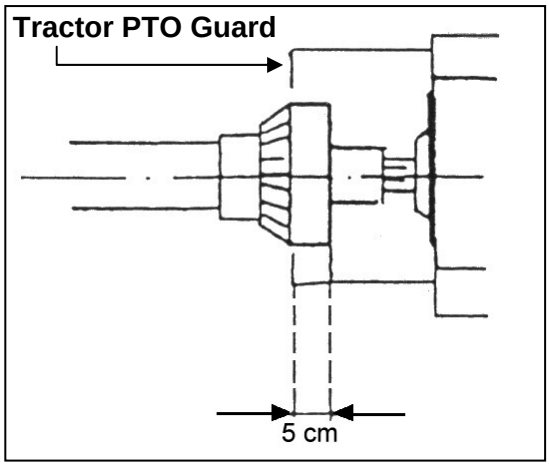
1. Shorten outer plastic tube to 40mm less than shortest envisaged PTO shaft length.

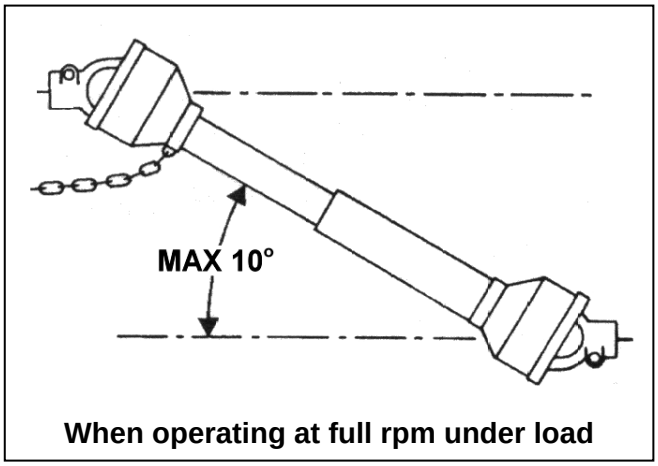
2. Remove the marked tube, ensure a square cut.

3. Remove same length from inner plastic tube and metal shaft profiles (inner & outer).

4. De-burr all edges and remove swarf to ensure smooth operation.





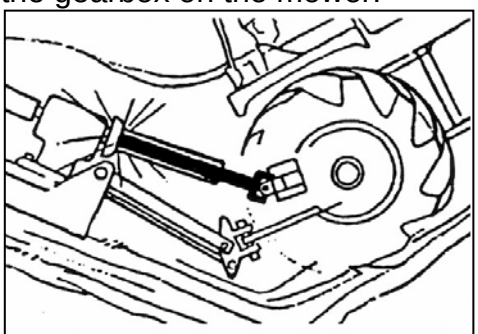


When operating at full rpm under load

Special Instructions for Rough Terrain Operations

When crossing ditches with steep banks or manoeuvring up sharp inclines it is possible to 'bottom out' the driveline that connects the tractor PTO to the gearbox on the mower.

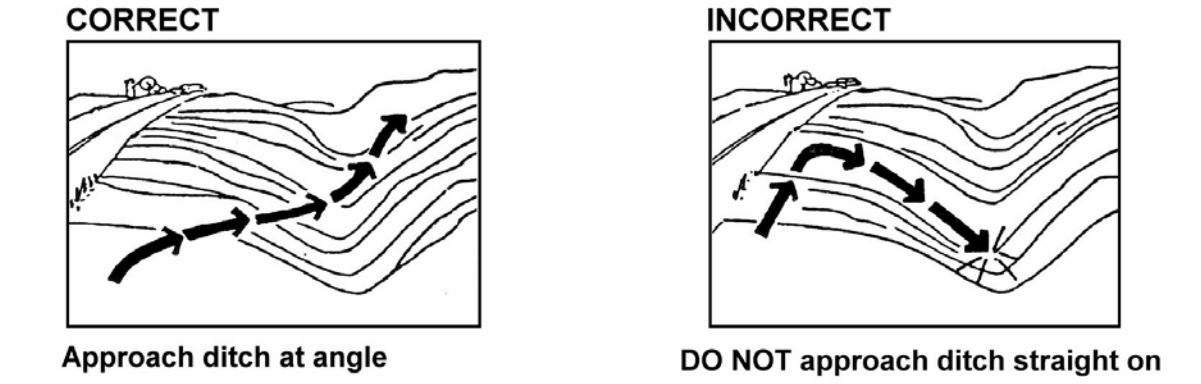
To 'bottom out' means that the inner shaft has penetrated into the outer housing to its maximum depth until the assembly becomes solid – it can shorten no more (*see diagram opposite).* If this happens, it can cause serious damage to the tractor PTO by pushing the PTO into the tractor through the support bearings or downward onto the PTO shaft, breaking it off.


Driveline 'bottoming out'

WARNING!

Either failure can allow the driveline to come loose from the tractor which could cause bodily injury to the operator or others in the vicinity in addition to expensive damage to the tractor and/or mower.

If you have a condition where your tractor will be manoeuvring up a steep incline whilst the mower remains on flat ground or coming down the opposite incline, you have a potential problem. The correct preventative measure is to cross this type of terrain at an angle, *refer to diagrams below.* This will reduce the angle between the tractor and the mower.



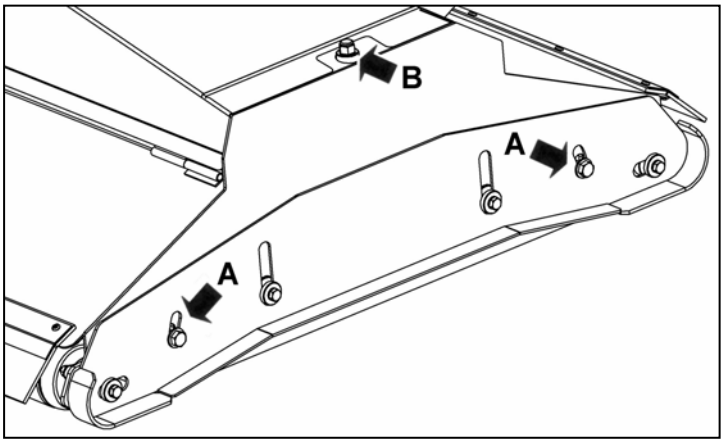
Tractor Stability
Due to the design of mowers and the work they do, it is essential to ensure tractor stability in order to eliminate any risk of imbalance or overturning. Lift the machine and check that it does not mount up, if imbalance is detected it should be counteracted by the fitting of suitable ballast weights.

Parking
Parking of the tractor and machine should be in a safe place away from risk on a firm, flat surface with the mower lowered to the ground to prevent rolling over or falling. Never park up and leave the machine raised. Remove the tractor key before leaving the tractor and machine.

ADJUSTMENT & SETUP

Cutting Height Adjustment
Adjustment to the cutting height is achieved by means of raising or lowering the front and rear rollers. The procedure for adjusting the cutting height is as follows;

- With the mower coupled to the tractor, raise the mower with the power lift to a position that will enable adjustment of the rollers.



A) Adjustment Locking Bolts

B) Height Adjustment Bolt

- Turn off the tractor engine, engage the parking brake, remove and pocket the key.

CAUTION!
Ensure that no part of your body is under the machine as the machine will be unpropped.

- Working on one side of the mower at a time, slacken the height adjustment locking bolts and adjust roller height with the top adjustment bolt, retighten locking bolts when correct height has been achieved - *refer to decal on machine.*

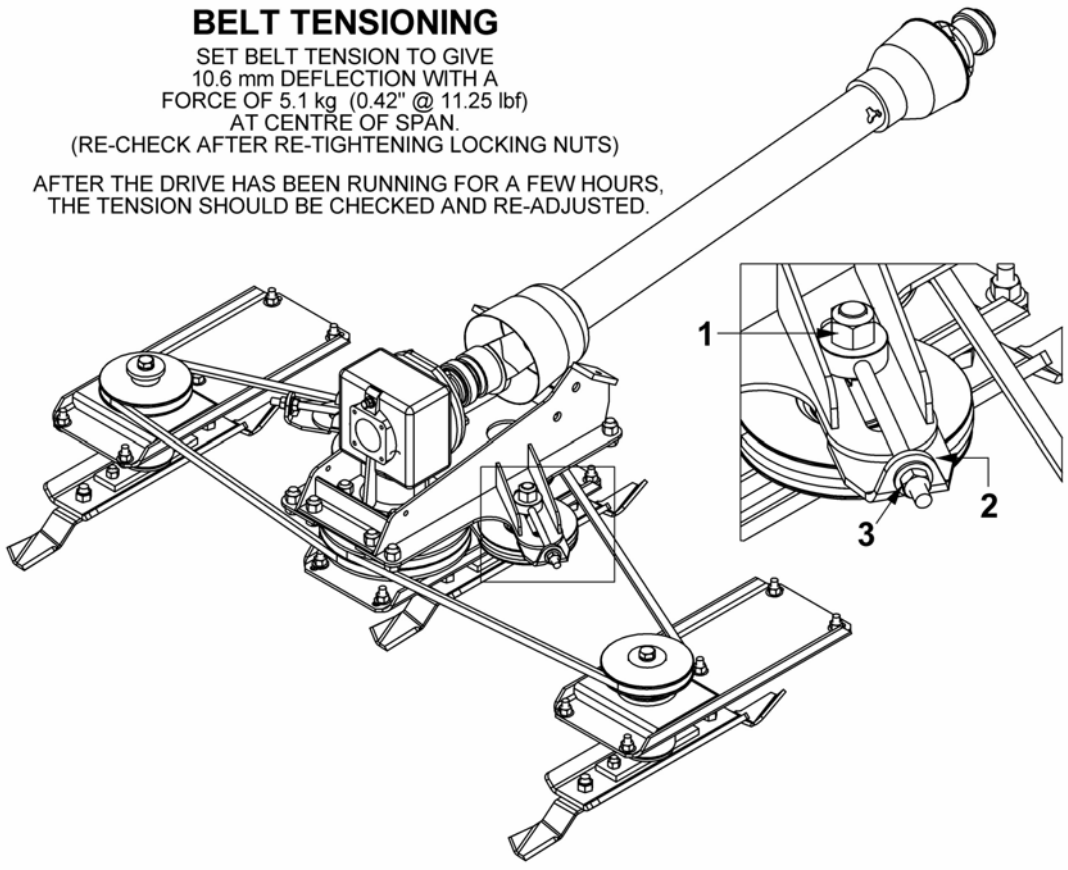
- Repeat procedure for other side. Ensure adjustments made are the same for both sides of the mower.

Note for easiest roller height adjustment;
To raise the cutting height; *raise mower clear of ground to adjust so you are lowering the weight of the rollers.*
To lower the cutting height; *adjust with mower on the ground so you are lowering the weight of the deck.*

Belt Adjustment
The two belts are adjusted independently as follows;

- Slacken locknut **1** only sufficient enough to allow the pulley to move in the slot.
- Back off locknut **2**.
- Tension belt by adjustment of nut **3** to correct deflection – *see note below.*
- Re-tighten all locking nuts, and re-check belt tension.

NOTE; It is important to pull the belt 'around' by hand as it is being tensioned to allow the belt to 'creep' on the drive pulley – tightening the belt without pulling it round will over tension the belt between drive and centre pulley causing premature failure of the belt.



Starting
Before using the machine ensure that you, and all other operators, have read and fully understood this entire manual, and that you are familiar with all aspects relating to correct use of this mower with the emphasis on safety.

Before beginning work:

- Check oil level in Gearbox before starting.
- Check all parts for signs of wear or deterioration, replace if worn or damaged.
- Ensure all guards are in position and in good condition.
- Check PTO rpm and rotational direction corresponds to machine – *refer to gearbox decal for details.*
- Always engage PTO at low engine rpm to avoid damage to gearbox and belts.

Working

- Adjust the machines cutting height to suit the type of work to be done and the materials to be cut.
- Work at a speed to suit the materials to be cut and the degree of chopping required – *optimum speed range is from 3 to 8 km/h (2-6 mph)*
- Start tractor and raise mower before engaging PTO, allow mower to achieve working speed and lower onto material to be cut.
- After a short distance mowing, check that the grass is being cut to the desired height.

Stopping

- Lower machine to the ground.
- Disconnect the PTO.
- Stop the tractor, apply handbrake and remove the key. If the ground is sloping block tractor wheels.

Transport Position
During transportation of the machine ensure the following;

- Observe all road transport regulations and display all necessary warning signs.
- Reduce speed especially on bumpy or uneven roads as the weight of the machine may render driving difficult and damage the machine itself.
- Always disengage the PTO.

All maintenance, cleaning, and repair operations must be carried out with the machine firmly lowered to the ground and detached from the tractor, or with the PTO disconnected, engine off, and the starting key removed.

Initial Checks

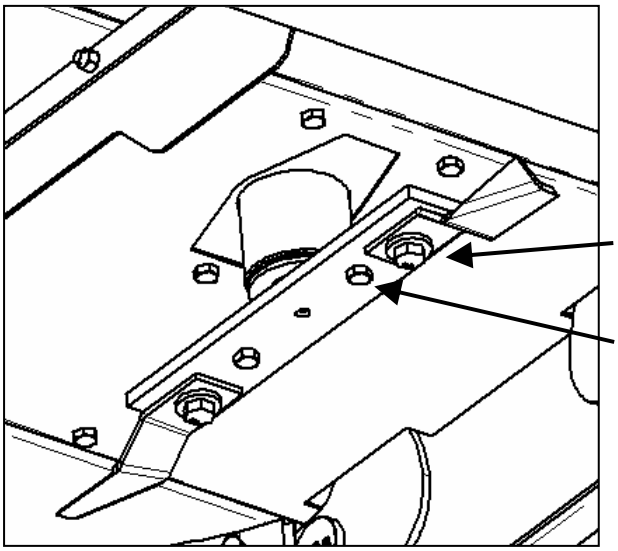
After the first two hours of operation from new, or after the fitting of new belts, check the belt tension.

Check the level of the oil in the gearbox after the first 10 hours of operation – *the level is correct when it reaches the lower edge of the plug hole at the side of the housing.* If 'top up' with oil is required, pour it through the fill hole after having unscrewed the vent plug. Refit the fill plug and the vent plug on completion of this operation.

Regular Maintenance

Every 8 hours of work

- Ensure the nuts that fix the blades to the rotors are firmly torqued.
- Grease the PTO shaft.
- Check Gearbox Oil level – Top up if required using SAE 90EP oil - fill to level hole on side of gearbox.
- Ensure blades are in good condition, replace worn or damaged blades (in pairs) immediately; *Replacement of blades requires the mower to be raised, and supported in position, with strong, suitable stands.*



Check blade pivot bolts and nuts are tightened to correct torque settings.

Ensure blade carrier bolts/nuts are tight.

Refer to Torque Setting Chart on next page for tightening details.

Every 4 Weeks

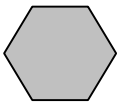
- Grease Roller Bearings (4 off) - this should be done slowly using 1 shot of grease only to avoid blowing out the seals.
- Grease Roller Adjuster Slides - 1 each side, inside of cover.
- Remove plastic plug at top of adjuster screws and run oil around adjuster threads, replace plugs.

TORQUE SETTINGS FOR FASTENERS

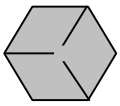
The Chart below lists the correct tightening torque for fasteners. The Chart should be referred to when tightening or replacing bolts in order to determine the grade of bolt and the correct torque except where specific torque values are assigned in the text of this manual.

Recommended torque is quoted in Foot-Pounds and Newton-Metres within this manual. The equation for conversion is 1 Nm. = 1.356 ft. lbs.

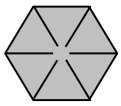
TORQUE VALUES FOR IMPERIAL BOLTS



Head Marking
No Marks
Grade Two



Head Marking
Three Lines
Grade Five



Head Marking
Six Lines
Grade Eight

NOTE:
The values in the chart apply to fasteners as received from the supplier, dry or when lubricated with normal engine oil. They DO NOT apply if special graphited, molydisulphide greases, or other extreme pressure lubricants are used. This applies to both UNF and UNC coarse threads.

Bolt Dia.	Value (Dry) ft.lb.	Nm.	Value (Dry) ft.lb.	Nm.	Value (Dry) ft.lb.	Nm.
1/4"	*5.5*	*7.5*	*9*	*12.2*	*12.5*	*17.0*
5/16"	*11*	*15.0*	*18*	*25.0*	*26*	*35.2*
3/8"	*20*	*27.0*	*33*	*45.0*	*46*	*63.0*
7/16"	*32*	*43.0*	*52*	*70.0*	*75*	*100.0*
1/2"	*50*	*68.0*	*80*	*110.0*	*115*	*155.0*
9/16"	*70*	*95.0*	*115*	*155.0*	*160*	*220.0*
5/8"	*100*	*135.0*	*160*	*220.0*	*225*	*305.0*
3/4"	*175*	*240.0*	*280*	*380.0*	*400*	*540.0*
7/8"	*175*	*240.0*	*450*	*610.0*	*650*	*880.0*
1"	*270*	*360.0*	*675*	*915.0*	*975*	*1325.0*
1-1/8"	*375*	*510.0*	*850*	*115.0*	*1350*	*1830.0*
1-1/4"	*530*	*720.0*	*1200*	*1626.0*	*1950*	*2650.0*
1-3/8"	*700*	*950.0*	*1550*	*2100.0*	*2550*	*3460.0*
1-1/2"	*930*	*1250.0*	*2100*	*2850.0*	3350	4550.0

TORQUE VALUES FOR METRIC BOLTS.

Head Marking
4.8

Head Marking
8.8

Head Marking
10.9

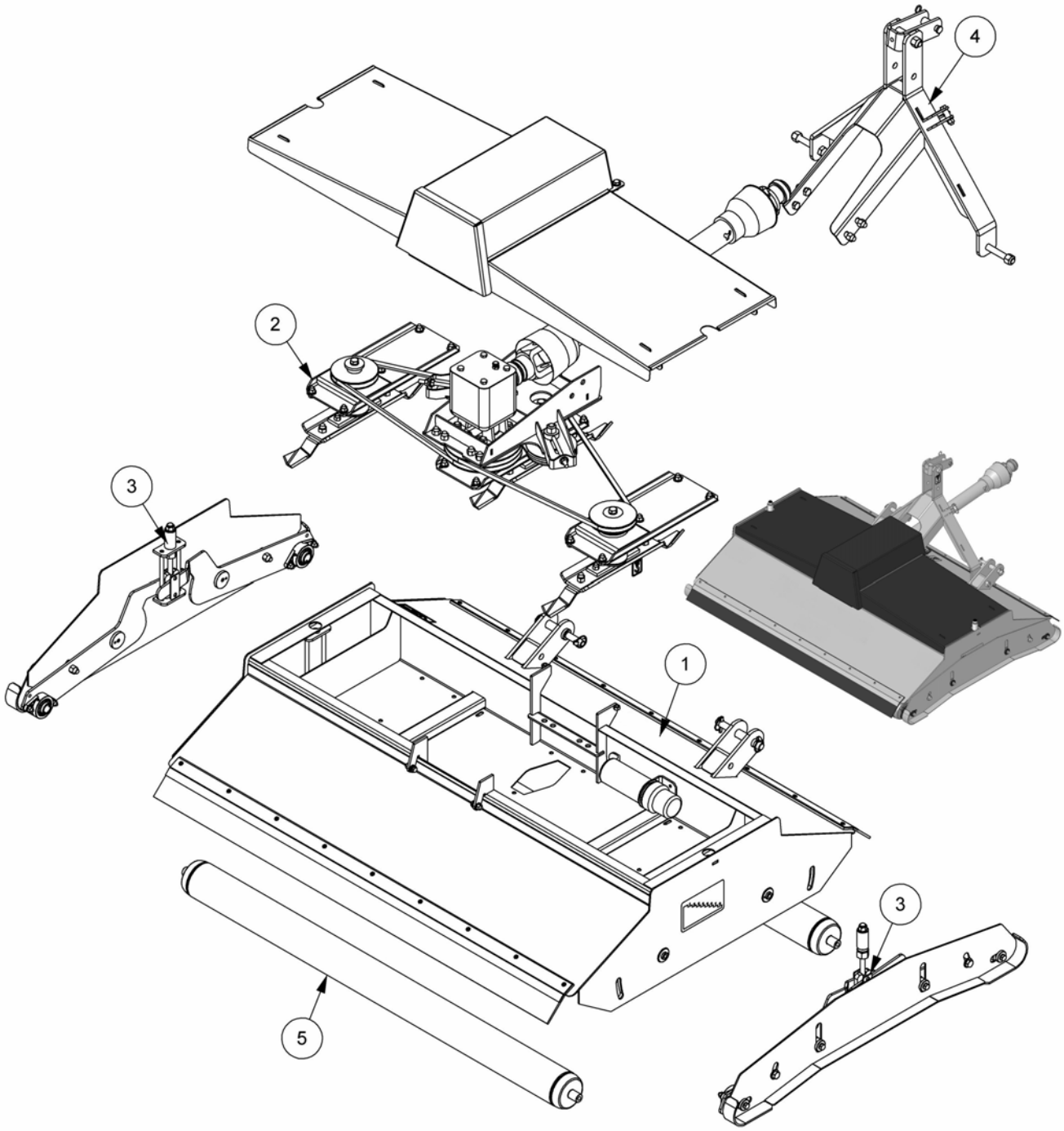
Head Marking
12.9

Bolt Dia.	Value (Dry) ft.lb.	Nm.	Value (Dry) ft.lb.	Nm.	Value (Dry) ft.lb.	Nm.	Value (Dry) ft.lb.	Nm.
6mm	*4.5*	*6.1*	*8.5*	*11.5*	*12*	*16.3*	*14.5*	*20.0*
8mm	*11*	*14.9*	*20*	*27.1*	*30*	*40.1*	*35*	*47.5*
10mm	*21*	*28.5*	*40*	*54.2*	*60*	*81.4*	*70*	*95.0*
12mm	*37*	*50.2*	*70*	*95.0*	*105*	*140.0*	*120*	*160.0*
14mm	*60*	*81.4*	*110*	*150.0*	*165*	*225.0*	*190*	*260.0*
16mm	*92*	*125.0*	*175*	*240.0*	*255*	*350.0*	*300*	*400.0*
18mm	*125*	*170.0*	*250*	*340.0*	*350*	*475.0*	*410*	*550.0*
20mm	*180*	*245.0*	*350*	*475.0*	*500*	*675.0*	*580*	*790.0*
22mm	*250*	*340.0*	*475*	*645.0*	*675*	*915.0*	*800*	*1090.0*
24mm	*310*	*420.0*	*600*	*810.0*	*850*	*1150.0*	*1000*	*1350.0*
27mm	*450*	*610.0*	*875*	*1180.0*	*1250*	*1700.0*	*1500*	*2000.0*
30mm	*625*	*850.0*	*1200*	*1626.0*	*1700*	*2300.0*	*2000*	*2700.0*

TRM6 & TRM8
Roller Mowers

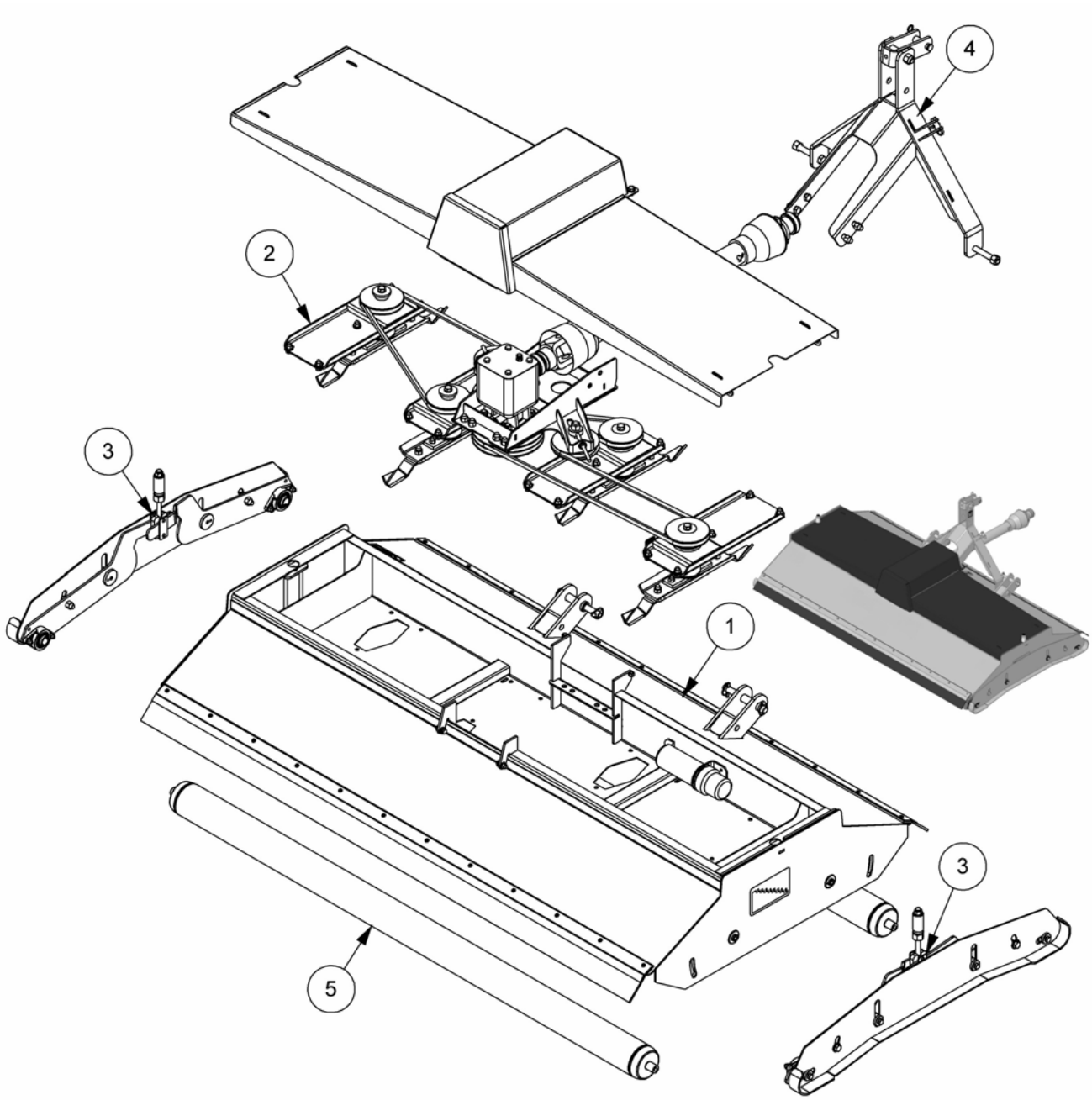
Parts Manual

TRM6 MAIN ASSEMBLIES



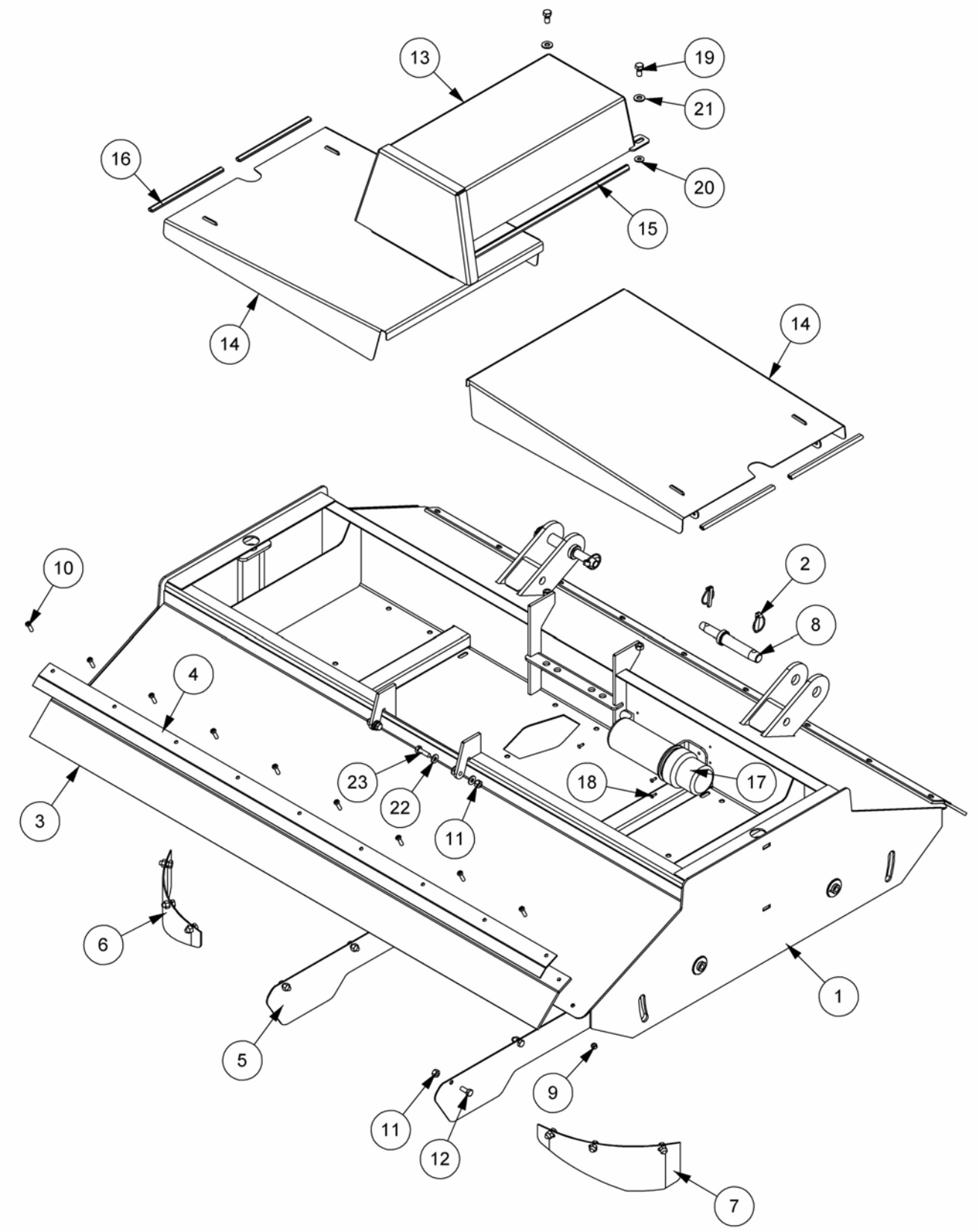
REF.	QTY.	PART No.	DESCRIPTION
		1057904	**TRM6 REAR MOUNT ROLLER MOWER**
1	1	1057700	TRM6 DECK MODULE
2	1	1057702	TRM6 DRIVE MODULE
3	2	1057706	TRM6/TRM8 SIDE SKID & ADJUSTER MODULE
4	1	1057707	TRM6/TRM8 A-FRAME MODULE
5	2	21019.01	TRM6 ROLLER ASSEMBLY

TRM8 MAIN ASSEMBLIES



REF.	QTY.	PART No.	DESCRIPTION
		1057911	**TRM8 REAR MOUNT ROLLER MOWER**
1	1	1057701	TRM8 DECK MODULE
2	1	1057703	TRM8 DRIVE MODULE
3	2	1057706	TRM6/TRM8 SIDE SKID & ADJUSTER MODULE
4	1	1057707	TRM6/TRM8 A-FRAME MODULE
5	2	21019.02	TRM8 ROLLER ASSEMBLY

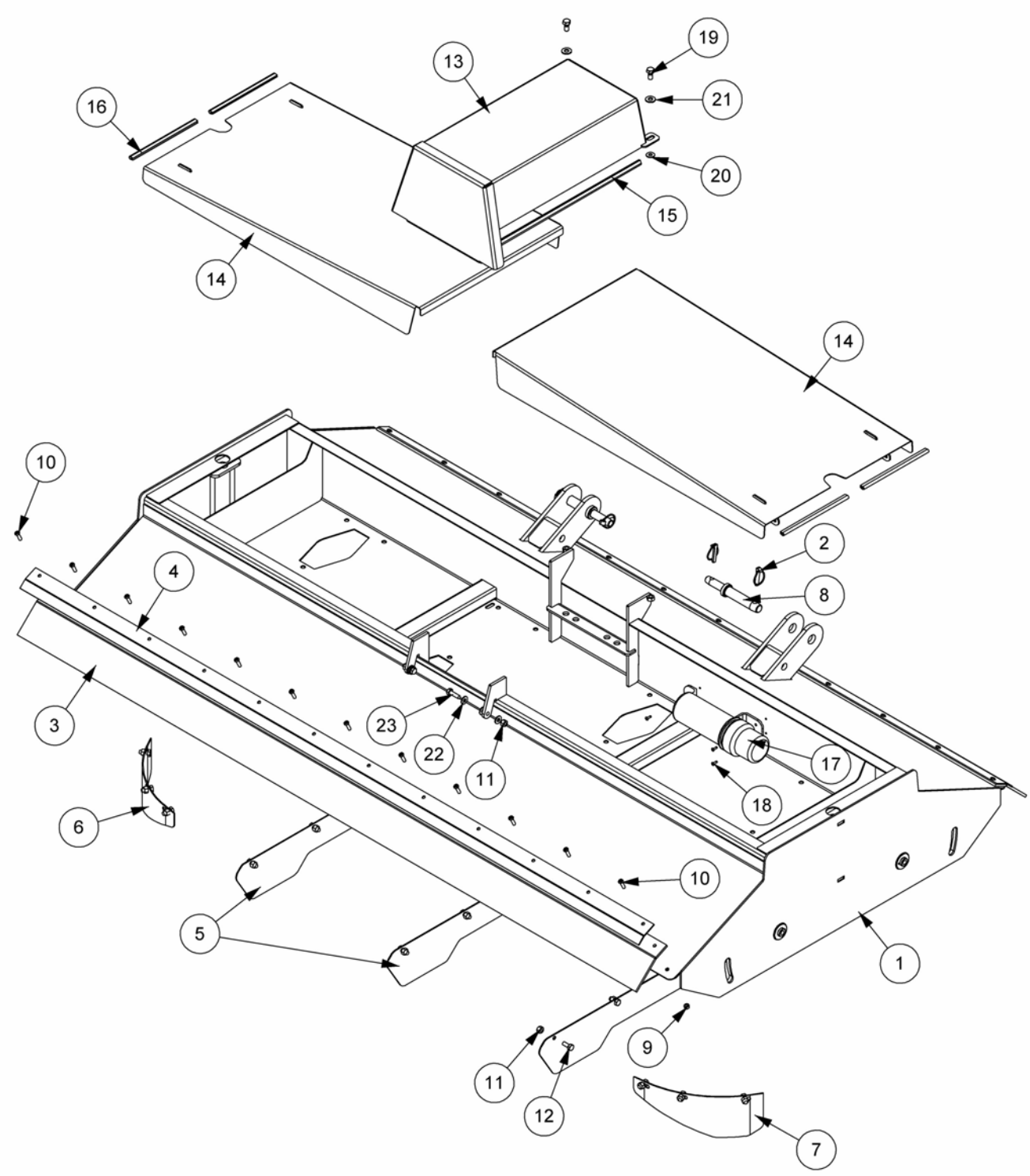
TRM6 DECK ASSEMBLY



TRM6 DECK ASSEMBLY

REF.	QTY.	PART No.	DESCRIPTION
		1057700	**TRM6 DECK ASSEMBLY**
1	1	21003.06	DECK - TRM6
2	4	0431217	LINCH PIN
3	2	21038.01	RUBBER SKIRT
4	2	21038.02	SKIRT PLATE
5	2	21037.01	BAFFLE PLATE
6	1	21003.72	BAFFLE - L/H
7	1	21003.73	BAFFLE - R/H
8	2	21158.01	LOWER LINK PIN
9	18	9143004	SELF-LOCKING NUT
10	18	9300151	BUTTON HEAD CAP SCREW
11	18	9143005	SELF-LOCKING NUT
12	16	9313055	SETSCREW
13	1	21016.05	GEARBOX COVER
14	2	21016.07	DRIVE COVER - TRM6
15	2	41741.18	EDGING STRIP (570mm)
16	4	41741.17	EDGING STRIP (260mm)
17	1	46505.01	LITERATURE HOLDER
18	3	21612.01	POP RIVET
19	2	21044.01	CAPTIVE SCREW
20	2	21044.02	CAPTIVE WASHER
21	2	9100106	FLAT WASHER
22	6	9100105	FLAT WASHER
23	2	9313075	SETSCREW

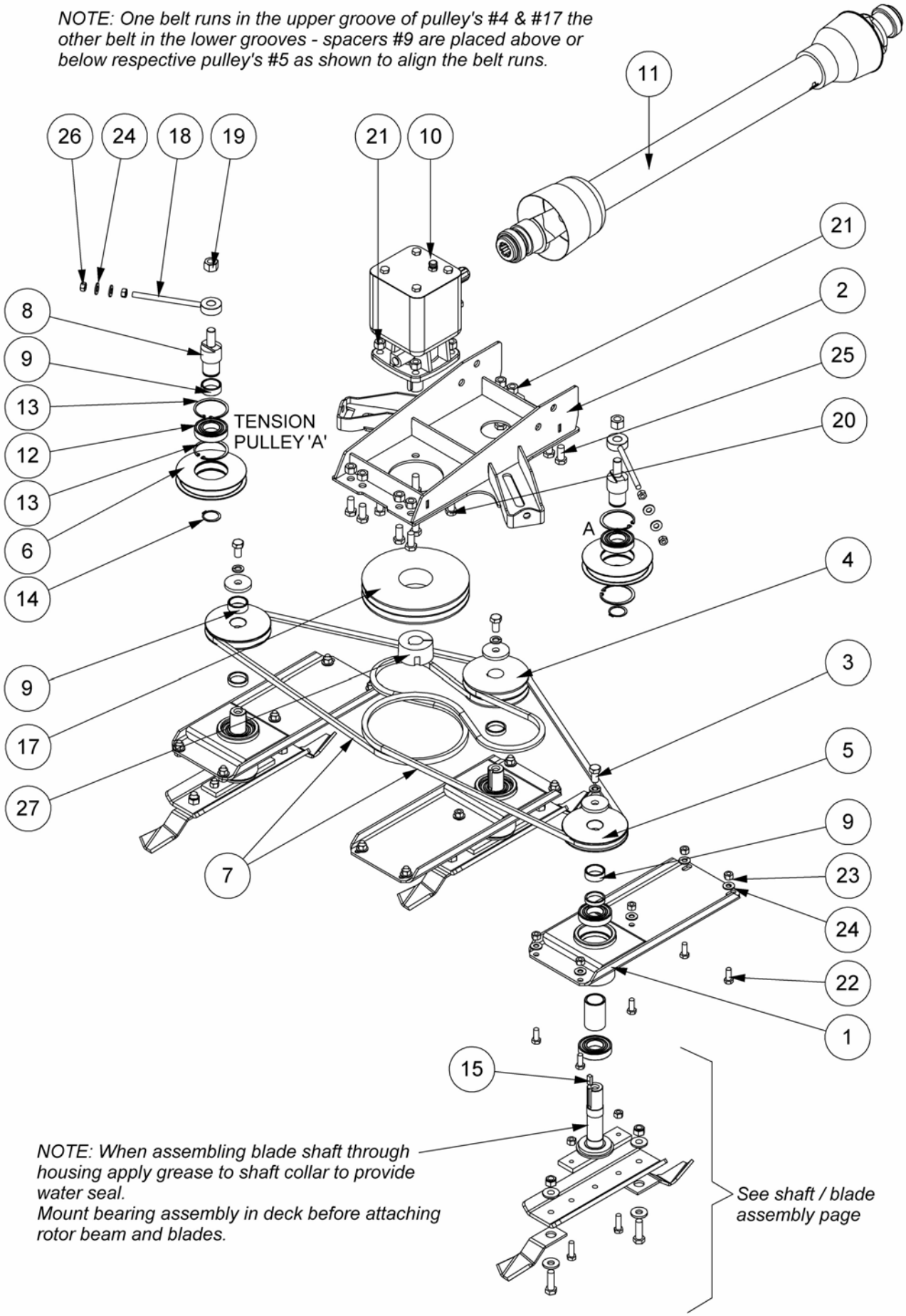
TRM8 DECK ASSEMBLY



TRM8 DECK ASSEMBLY

REF.	QTY.	PART No.	DESCRIPTION
		1057701	**TRM8 DECK ASSEMBLY**
1	1	21003.05	DECK - TRM8
2	4	0431217	LINCH PIN
3	2	21038.03	RUBBER SKIRT
4	2	21038.04	SKIRT PLATE
5	3	21037.01	BAFFLE PLATE
6	1	21003.72	BAFFLE - L/H
7	1	21003.73	BAFFLE - R/H
8	2	21158.01	LOWER LINK PIN
9	24	9143004	SELF-LOCKING NUT
10	24	9300151	BUTTON HEAD CAP SCREW
11	23	9143005	SELF-LOCKING NUT
12	21	9313055	SETSCREW
13	1	21016.05	GEARBOX COVER
14	2	21016.06	DRIVE COVER - TRM8
15	2	41741.18	EDGING STRIP (570mm)
16	4	41741.17	EDGING STRIP (260mm)
17	1	46505.01	LITERATURE HOLDER
18	3	21612.01	POP RIVET
19	2	21044.01	CAPTIVE SCREW
20	2	21044.02	CAPTIVE WASHER
21	2	9100106	FLAT WASHER
22	6	9100105	FLAT WASHER
23	2	9313075	SETSCREW

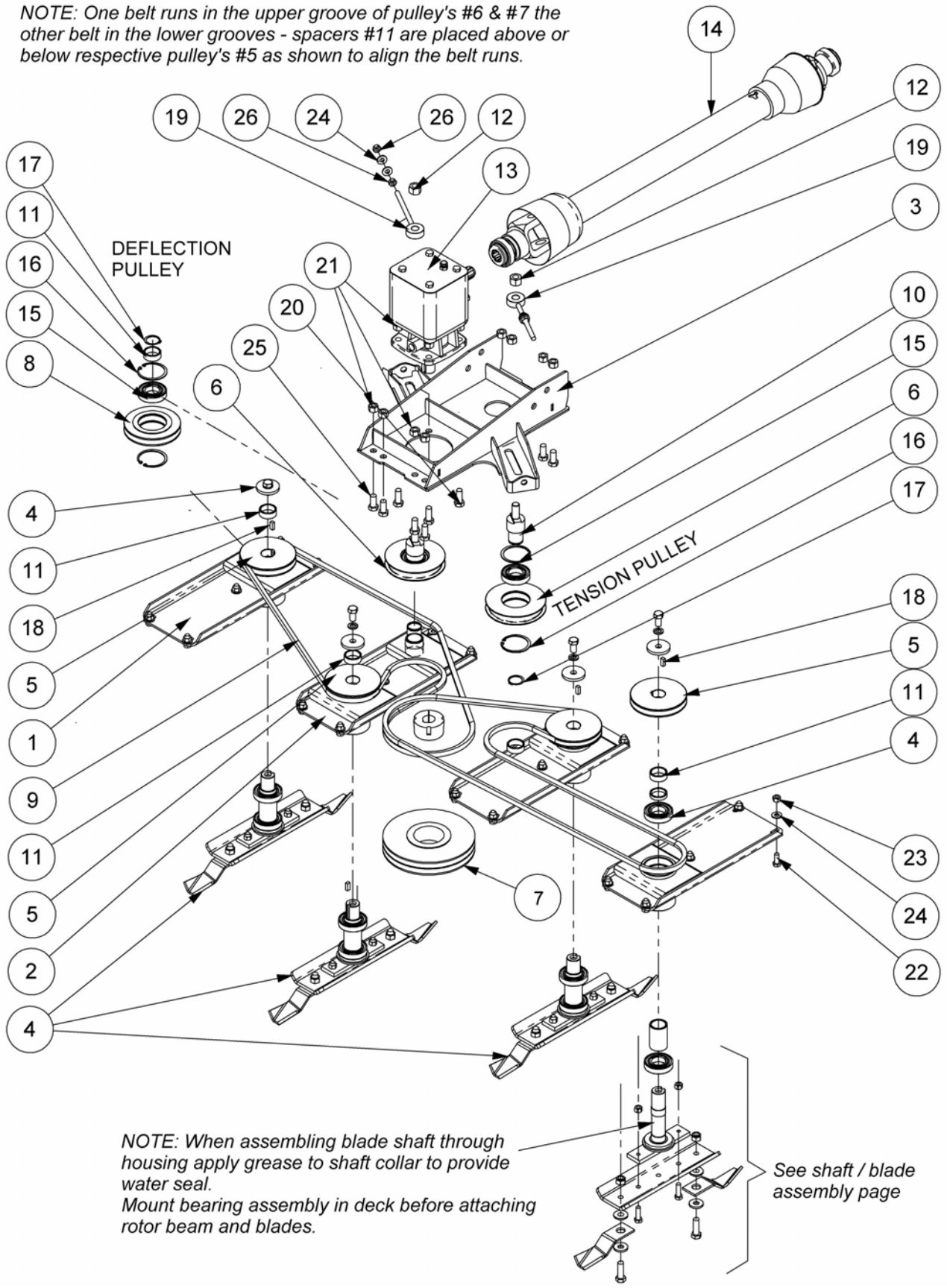
TRM6 DRIVE ASSEMBLY



TRM6 DRIVE ASSEMBLY

REF.	QTY.	PART No.	DESCRIPTION
		1057702	**TRM6 DRIVE ASSEMBLY**
1	3	21024.01	BEARING FABRICATION
2	1	21017.04	GEARBOX MOUNTING PLATE
3	3	21025.21	SHAFT BLADE ASSEMBLY
4	1	21028.02	DRIVEN PULLEY
5	2	21028.03	DRIVEN PULLEY
6	2	21028.04	TENSION PULLEY
7	2	21032.01	WEDGE BELT
8	2	21029.31	TENSIONER SHAFT
9	4	21028.31	SPACER TUBE
10	1	21030.01	GEARBOX
11	1	21040.01	PTO SHAFT
12	2	0600014	BALL BEARING
13	4	0411280	INTERNAL CIRCLIP
14	2	0401240	EXTERNAL CIRCLIP
15	2	21025.37	KEY
16	1	21025.33	KEY
17	1	21028.01	2-BELT PULLEY
18	2	21025.03	TENSION ADJUSTER
19	2	9143008	SELF-LOCKING NUT
20	4	9313087	SETSCREW
21	12	9143007	SELF-LOCKING NUT
22	15	9313066	SETSCREW
23	15	9143006	SELF-LOCKING NUT
24	19	9100106	FLAT WASHER
25	8	9313077	SETSCREW
26	4	9113006	NUT
27	1	05.424.23	TAPER LOCK BUSH

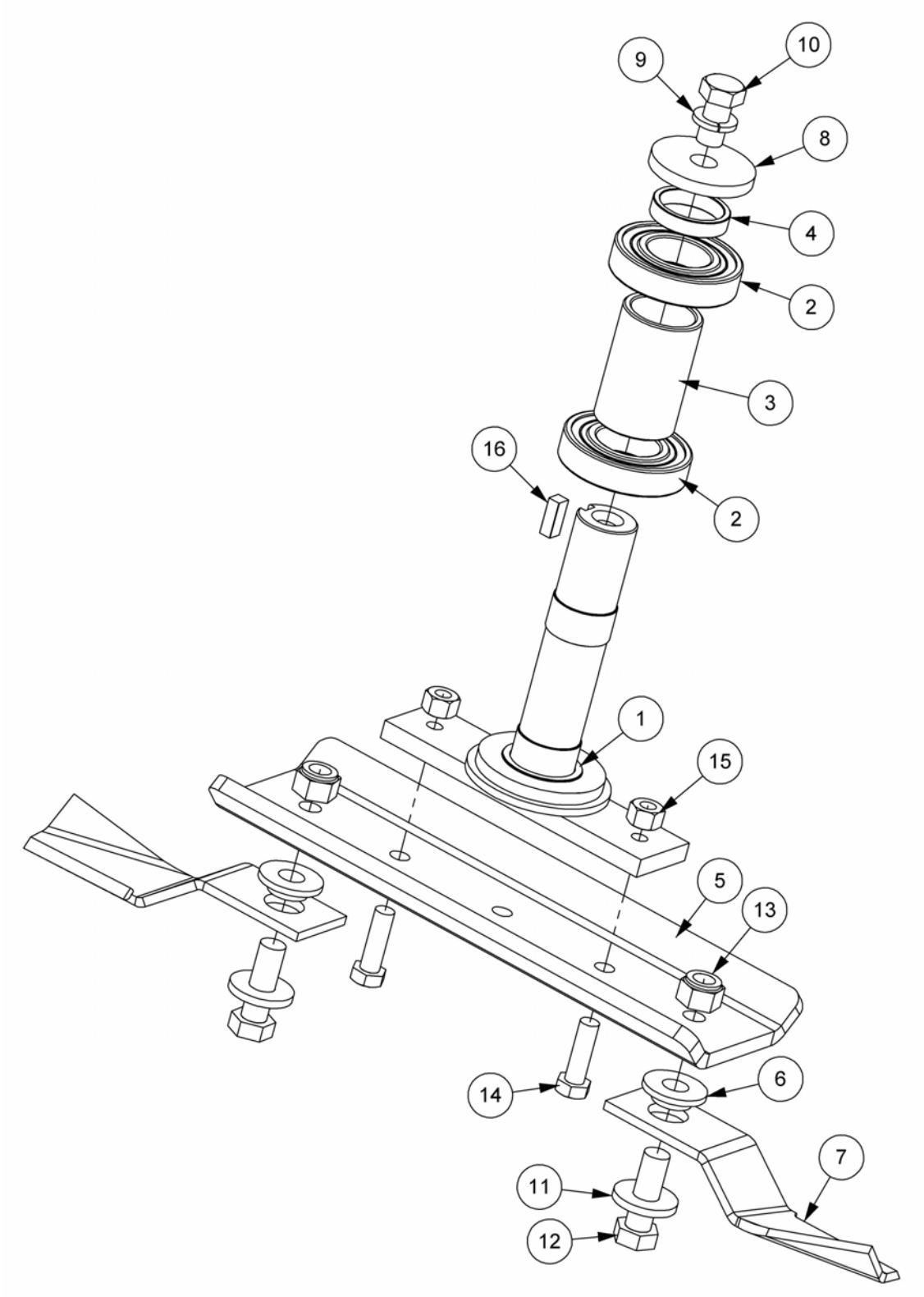
TRM8 DRIVE ASSEMBLY



TRM8 DRIVE ASSEMBLY

REF.	QTY.	PART No.	DESCRIPTION
		1057703	**TRM8 DRIVE ASSEMBLY**
1	3	21024.01	BEARING FABRICATION
2	1	21024.02	BEARING FABRICATION
3	1	21017.03	GEARBOX MOUNTING PLATE
4	4	21025.21	SHAFT BLADE ASSEMBLY
5	4	21028.03	DRIVEN PULLEY
6	2	21028.04	TENSION PULLEY
7	1	21028.01	2-BELT PULLEY
8	1	21028.06	DEFLECTION PULLEY
9	2	21032.02	WEDGE BELT
10	2	21029.31	TENSIONER SHAFT
11	7	21028.31	SPACER TUBE
12	2	9143008	SELF-LOCKING NUT
13	1	21030.01	GEARBOX
14	1	21040.01	PTO SHAFT
15	3	0600014	BALL BEARING
16	6	0411280	INTERNAL CIRCLIP
17	3	0401240	EXTERNAL CIRCLIP
18	4	21025.37	KEY
19	2	21025.03	TENSION ADJUSTER
20	4	9313087	SETSCREW
21	12	9143007	SELF-LOCKING NUT
22	20	9313066	SETSCREW
23	20	9143006	SELF-LOCKING NUT
24	24	9100106	FLAT WASHER
25	8	9313077	SETSCREW
26	4	9113006	NUT
27	1	05.424.23	TAPER LOCK BUSH

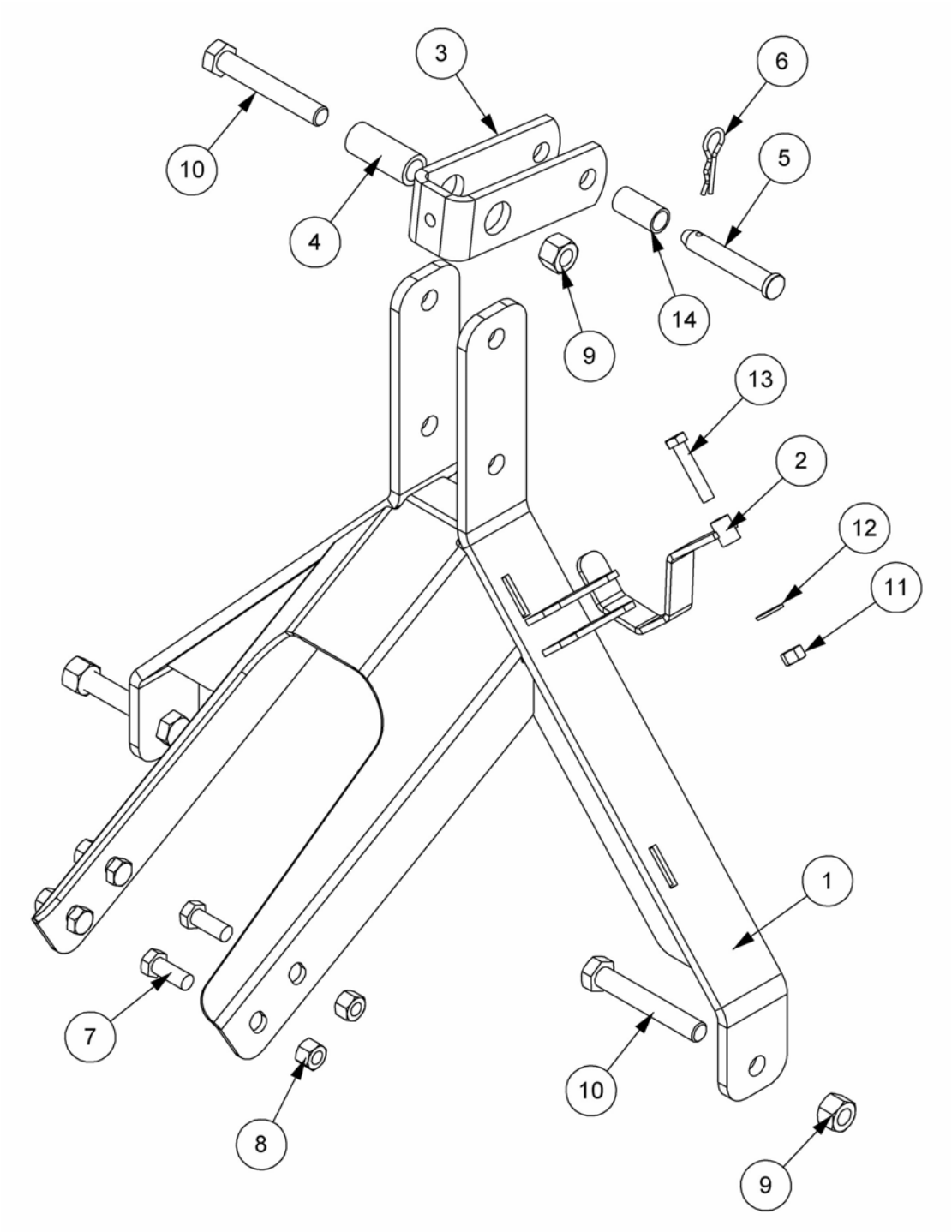
BLADE & SHAFT ASSEMBLY – TRM6 & TRM8



BLADE & SHAFT ASSEMBLY – TRM6 & TRM8

REF.	QTY.	PART No.	DESCRIPTION
		21025.21	**BLADE & SHAFT ASSEMBLY**
1	1	21025.01	ROTOR SHAFT
2	2	0600014	BALL BEARING
3	1	06.782.01	BEARING SPACER
4	1	21025.34	PULLEY SPACER
5	1	21025.32	ROTOR BEAM
6	2	06.237.02	COLLAR
7	2	06.208.02	BLADE (CCW)
8	1	04.252.01	WASHER
9	1	9100207	SPRING WASHER
10	1	9313067	SETSCREW
11	2	06.236.01	WASHER
12	2	05.839.06	BOLT
13	2	05.948.17	NUT
14	2	9313086	SETSCREW
15	2	9143006	SELF-LOCKING NUT
16	1	21025.37	KEY

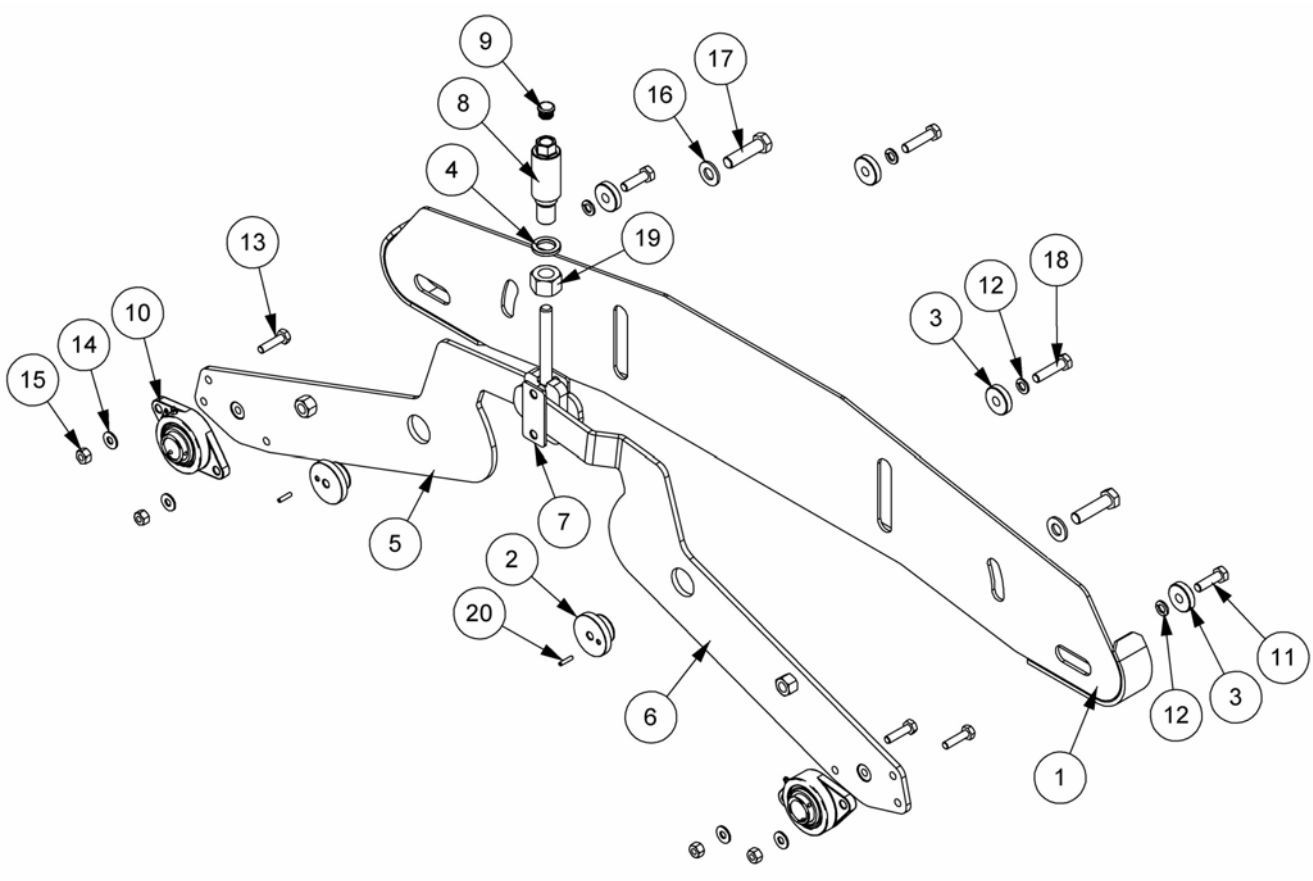
A-FRAME ASSEMBLY – TRM6 & TRM8



A-FRAME ASSEMBLY – TRM6 & TRM8

REF.	QTY.	PART No.	DESCRIPTION
		1057707	**A-FRAME ASSEMBLY**
1	1	22593.01	A-FRAME
2	1	21159.02	PTO SUPPORT
3	1	00766540	TOP LINK
4	1	00766542	BUSHING
5	1	37107B12	PIN - TOP LINK
6	1	0431105	SPRING COTTER
7	4	9313087	SETSCREW
8	4	9143007	SELF-LOCKING NUT
9	3	9143008	SELF-LOCKING NUT
10	3	9213268	BOLT
11	1	9143006	SELF-LOCKING NUT
12	1	9100106	FLAT WASHER
13	1	9313126	SETSCREW
14	1	1467063	SLEEVE (CAT.1 TO CAT.2)

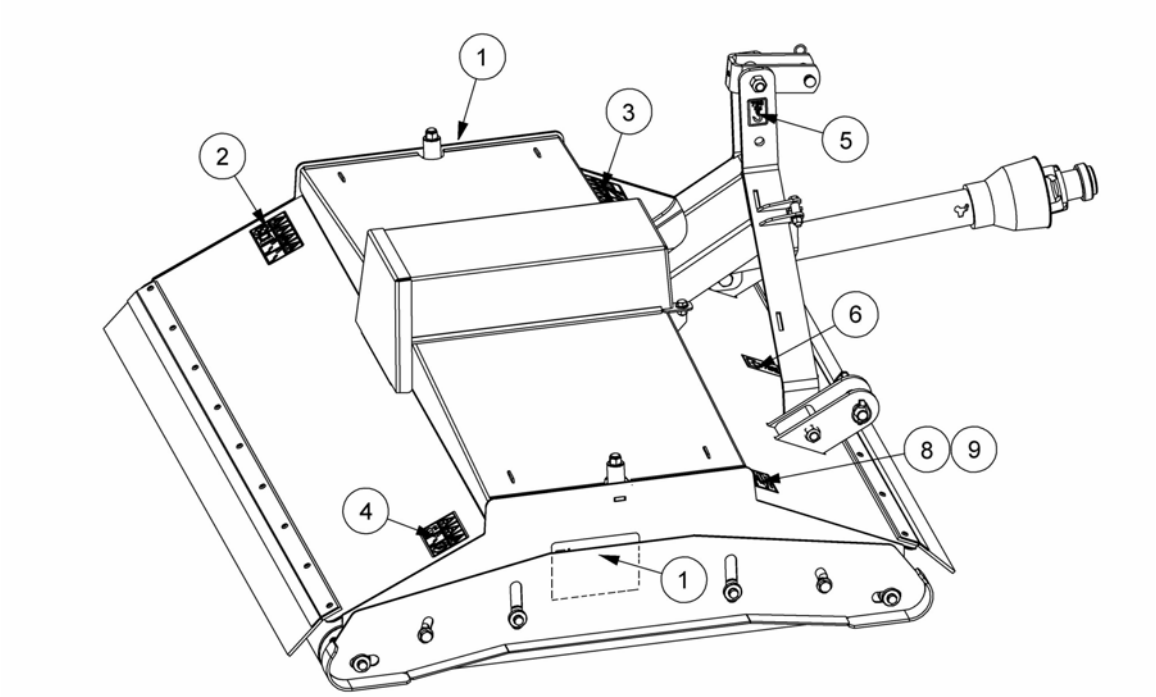
SIDE SKID ASSEMBLY – TRM6 & TRM8

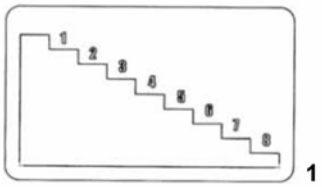


SIDE SKID ASSEMBLY – TRM6 & TRM8

REF.	QTY.	PART No.	DESCRIPTION
		1057706	**SIDE SKID ASSEMBLY**
1	1	21018.01	SIDESKID ASSEMBLY
2	2	21020.10	TAPPED BOSS
3	4	21020.12	WASHER PLATE
4	1	21020.15	THRUST WASHER
5	1	21020.16	STRAIGHT ROLLER SIDE PLATE
6	1	21020.17	OFFSET ROLLER SIDE PLATE
7	1	21020.18	ADJUSTABLE SLIDE
8	1	21020.50	SHORT ADJUSTMENT NUT
9	1	43358.02	PLASTIC BUNG
10	2	46092.01	FLANGE BEARING UNIT
11	2	9213086	BOLT
12	4	9100206	SPRING WASHER
13	4	9213085	BOLT
14	4	9100105	FLAT WASHER
15	4	9143005	SELF-LOCKING NUT
16	2	0100106	WASHER
17	2	9213127	BOLT
18	2	9213106	BOLT
19	1	9143009	SELF-LOCKING NUT
20	2	0425522	SPRING DOWEL

DECALS




1

21048.31


2

09.821.29


3

09.821.34


4

09.821.30

5

1290527

6

09.811.04 (540RPM)
09.811.02 (1000RPM)

REF.	QTY.	PART No.	DESCRIPTION
1	2	21048.31	DECAL - CUTTING HEIGHT
2	1	09.821.29	COMBINED EURODECAL
3	1	09.821.34	COMBINED EURODECAL
4	1	09.821.30	EURODECAL ROTARY
5	1	09.843.04	DECAL - 750 Kg
6	1	09.811.04	DECAL - 540 MAX ACW
	1	09.811.02	DECAL - 1000 MAX ACW
7	1	45429.03	SERIAL No. PLATE
8	4	7103230	POP RIVET