

MERIDIAN

OPERATOR'S MANUAL



CONVENTIONAL AUGER

TL12-39

www.MeridianMFG.com

DECLARATION OF CONFORMITY

We the Manufacturer:

**Meridian Manufacturing Inc.
PO Box 1996 2800 Pasqua Street North
Regina, Sk,Canada
S4P 3E1**

Declare the Auger listed below conform to the 2006/42/EC Machinery
Directive

TL12-39

WFN 907-909

The Meridian TL12 Series Belt Drive Screw Conveyor and Tube Assembly
is designed for the movement of Grains and Cereals.

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MERIDIAN GRAIN EQUIPMENT SIGN OFF SHEET

As a requirement of OSHA, it is necessary for the employer to train the employee in the safe operation and safety procedures with this equipment. We include this sign-off sheet for your convenience and personal record keeping.

[illegible]

SAFETY SYMBOLS

This Safety Alert Symbol means:
ATTENTION! BECOME ALERT!
YOUR SAFETY IS INVOLVED!



The Safety Alert Symbol identifies important safety messages on the Meridian Equipment and in the manual. When you see this symbol, be alert to the possibility of personal injury or death. Follow the instructions in the safety message.

Why is SAFETY important to you?

3 Big Reasons:

Accidents Disable and Kill
Accidents Cost
Accidents Can Be Avoided

SIGNAL WORDS:

Note the use of the signal words **DANGER**, **WARNING** and **CAUTION** with safety messages. The appropriate signal word for each message has been selected using the following guide-lines.

DANGER:

Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situation typically for machine components which, for functional purpose, cannot be guarded.

WARNING:

Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

CAUTION:

Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may be used to alert against unsafe practices.

Failure to read this Transport Equipment Manual and its Safety Instructions is a misuse of the equipment.

If you have any questions not answered in the manual, require additional copies or the manual is damaged, please contact your dealer or Meridian Manufacturing Inc.

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SAFETY & GENERAL SAFETY

SAFETY

YOU are responsible for the **SAFE** operation and maintenance of your Meridian Equipment. You must ensure that you and anyone else who is going to operate, maintain or work around the equipment be familiar with the operation and maintenance procedure and related **SAFETY** information contained in this manual.

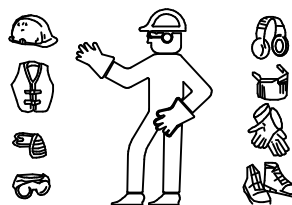
Remember, **YOU** are the key to safety. Good safety practices not only protect you but also the people around you. Make these practices a working part of your safety program. Be certain that **EVERYONE** operating this equipment is familiar with the recommended operation and maintenance procedures and follow the safety precautions. Most accidents can be prevented. Do not risk injury or death by ignoring good safety practices.

- Equipment owners must give operating instructions to operators or employees before allowing them to operate the machine, and at least annually thereafter.
- A person who has not read and understood all operating and safety instructions is not qualified to operate the machine. An untrained operator exposes themselves and bystanders to possible serious injury or death. Always be and stay alert to any possible unsafe operating or maintenance procedures or conditions.
- Do not modify the equipment in any way. Unauthorized modification may impair the function and/or safety of the components and systems and could affect the life of the equipment, possibly invalidate the warranty coverage.
- Think SAFETY! Work SAFELY!

GENERAL SAFETY

1. Read and understand the operator's manual and all safety signs before operating, maintaining, adjusting, or unplugging the equipment.
2. Have a first-aid kit available for use should the need arise and know how to use it.
3. Have a fire extinguisher available for use should the need arise and know how to use it.
4. Wear appropriate gear. The list includes but not limited to:

- A Hard hat
- Protective shoes with slip resistant soles
- Protective goggles, glasses or face shield
- Heavy gloves
- Protective clothing
- Respirator



5. Install and secure all guards before starting.
6. Establish a Lock-out/Tag-out policy for work site. Be sure all personnel are trained and follow all procedures. Lock-out/Tag-out all power sources before entering bin or working around loading/unloading equipment.
7. Clear the area of people, especially small children, before starting.
8. Review safety related items annually with all personnel who will be using or maintaining the Equipment.

EQUIPMENT SAFETY GUIDELINES

1. Safety of the operator and bystanders is one of the main concerns in designing and developing a machine. However, every year many accidents occur which could have been avoided by a few seconds of thought and a more careful approach to handling equipment. You, the operator, can avoid many accidents by observing the following precautions in this section. To avoid personal injury or death, study the following precautions and insist those working with you, or for you, follow them.
2. In order to provide a better view, certain photographs or illustrations in this manual may show an assembly with a safety shield removed. However, equipment should never be operated in this condition. Keep all shields in place. If shield removal becomes necessary for repair, replace the shield prior to use.
3. Replace any safety sign or instruction sign that is not readable or is missing. See Safety Sign Locations for the locations of such safety signs.
4. Never use alcohol or drugs which can hinder alertness or coordination while operating the equipment. Consult your doctor about operating this machine while taking prescription medications.
5. Under no circumstances should your children be allowed to work with this equipment. Do not allow persons to operate or assemble this unit until they have read this manual and have developed a thorough understanding of the safety precautions and of how it works. Review the safety instructions with all users annually.
6. This Equipment is dangerous to children and persons unfamiliar with its operation. The operator should be a responsible, properly trained and physically able person familiar with farm machinery and trained in this equipment's operation. If the elderly are assisting with farm work, their physical limitations need to be recognized and accommodated. Never exceed the limits of a piece of machinery. If its ability to do a job, or to do so safely, is in question - DO NOT TRY IT!
7. Do not modify the equipment in any way. Unauthorized modifications can result in serious injury or death and may impair the function and life of the equipment.
8. In addition to the design and configuration of this implement, including Safety Signs and Safety Equipment, hazard control and accident prevention are dependent upon the awareness, concern, prudence and proper training of personnel involved in the operation, transport, maintenance and storage of the machine. Refer also to Safety message and operation instructions in each of the appropriate sections of the auxiliary equipment and machine manuals. Pay close attentions to the Safety Signs affixed to the auxiliary equipment and the machine.

SAFETY TRAINING & SAFETY SIGNS

SAFETY TRAINING

1. Safety is a primary concern in the design and manufacture of our products. Unfortunately, our effort to provide safe equipment can be wiped out by a single careless act of an operator or bystander.
2. In addition to the design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness, concern, prudence and proper training of personnel involved in the operation, transport, maintenance and storage of this equipment.
3. It has been said, "The best safety feature is an informed, careful operator." We ask you to be that kind of operator. It is the operator's responsibility to read and understand ALL Safety and Operating instructions in the manual and to follow these. Accidents can be avoided.
4. Working with unfamiliar equipment can lead to careless injuries. Read this manual and the manual for your auxiliary equipment, before assembly or operating, to acquaint yourself with the machines. If this machine is used by any person other than yourself, it is the machine owner's responsibility to make certain that the operator, prior to operating:
 - a) Reads and understands the operator's manuals.
 - b) Is instructed in safe and proper use.
5. Know your controls and how to stop the auger, conveyors and any other auxiliary equipment quickly in an emergency. Read this manual and the one provided with your other equipment.
6. Train all new personnel and review instructions frequently with existing workers. Be certain only a properly trained and physically able person will operate the machinery. A person who has not read and understood all operating and safety instructions is not qualified to operate the machine. An untrained operator exposes themselves and bystanders to possible serious injury and death. If the elderly are assisting with farm work, their physical limitations need to be recognized and accommodated.



SAFETY SIGNS

1. Keep safety signs clean and legible at all times.
2. Replace safety signs that are missing or become illegible.
3. Replaced parts that previously displayed a safety sign should also display the current sign.
4. Safety signs are available from your authorized Distributor or Dealer Parts Department or the factory.

How to Install Safety Signs:

- Be sure that the installation area is clean and dry.
- Be sure temperature is above 50°F (10°C).
- Determine exact position before you remove the backing paper.
- Remove the smallest portion of the split backing paper.
- Align the sign over the specified area and carefully press the small portion with the exposed sticky backing in place.
- Slowly peel back the remaining paper and carefully smooth the remaining portion of the sign in place.
- Small air pockets can be pierced with a pin and smoothed out using the piece of sign backing paper.

PREPARATION

1. Never operate the Equipment and auxiliary equipment until you have read and completely understand this manual, the auxiliary equipment operator's manual, and each of the safety messages found on the safety signs on the equipment and auxiliary equipment.

2. Personal protection equipment including hard hat, safety glasses, safety shoes and gloves are recommended during assembly, installation, operation, adjustment, maintaining, repairing, removal, or moving the implement. Do not allow long hair, loose fitting clothing or jewelry to be around the equipment.



3. **PROLONGED EXPOSURE TO LOUD NOISE MAY CAUSE PERMANENT HEARING LOSS!**

The motor or equipment attached can often be noisy enough to cause permanent or partial hearing loss. We recommend that you wear hearing protection on a full-time basis if the noise in the operator's position exceeds 80db. Noise over 85db on a long-term basis can cause severe hearing loss. Noise over 90db adjacent to the operator over a long-term basis may cause permanent, total hearing loss.



NOTE: Hearing loss from loud noise (from tractors, chain saws, radios and other sources close to the ear) is cumulative over a lifetime without hope of natural recovery.

4. Clear area of debris, trash or hidden obstacles that might be hooked or snagged, causing injury, damage or tripping.

5. Operate only in daylight or good artificial light.

6. Be sure machine is properly anchored, adjusted and in good operating condition.

7. Ensure that all safety shields and safety signs are properly installed and in good condition.

8. Before starting, give the machine a look over for any loose bolts, worn parts, cracks, leaks, frayed belts and make necessary repairs. Always follow maintenance instructions.

OPERATING SAFETY

1. Make sure that anyone who will be operating the equipment or working on or around the unit read and understand all the operating, maintenance and safety information in the operator's manual.
2. Have another person nearby who can shut down the equipment in case of accident. It is good practice to always work with a second person around the equipment.
3. Do not operate with any safety shields removed.
4. Inspect the lift cable before using the equipment. Replace if frayed or damaged.
5. Ensure that equipment is empty before raising or lowering.
6. Operate equipment on level ground. Even though the equipment is connected to the tractor during operation, tipping can occur.
7. Keep hands, feet and clothing away from moving parts. Loose clothing can become entangled in rotating parts and cause serious injury.
8. Keep all bystanders, especially children, away from the equipment in use, or when authorized personnel are carrying out maintenance work.
9. Establish a Lock-out/Tag-out policy for work site. Be sure all personnel are trained in and follow all procedures. Lock-out/Tag-out all power sources before working around the equipment.
10. Review safety related items annually with all personnel who will be operating, using or maintaining the equipment.

MAINTENANCE & LOCK-OUT/TAG-OUT SAFETY

MAINTENANCE SAFETY

1. Good maintenance is your responsibility. Poor maintenance is an invitation to trouble.
2. Follow good shop practices.
 - Keep service area clean and dry.
 - Be sure electrical outlets and tools are properly grounded.
 - Use adequate light for job at hand.
3. Review safety related items annually with all personnel who will be operating, using or maintaining the equipment.
4. Use personal protection devices such as eye, hand, breathing and hearing protection, when performing any services or maintenance work.
5. A fire extinguisher and first aid kit should be kept readily accessible while performing maintenance on this equipment.
6. Periodically tighten all bolts, nuts and screws to ensure the unit is in safe condition.
7. When completing a maintenance or service function, make sure all safety shields and devices are installed before placing unit in service.



LOCK-OUT/TAG-OUT SAFETY

1. Establish a formal Lock-Out/Tag-Out program for you operation.
2. Train all operators and service personnel before allowing them to work around the equipment.
3. Provide tags at the work site and sign-up sheets to record tag out details.

REQUIRED TOOLS FOR ASSEMBLY & MAINTENANCE



HARD HAT



WORK GLOVES



SAFETY GLASSES



WRENCHES



EAR PROTECTION



WRENCH & SOCKETS



STEEL TOE WORK BOOTS



GREASE & OIL

SAFETY ALERT SYMBOLS



This symbol is used to call your attention to instructions concerning your personal safety. Watch for this symbol - it points out important safety precautions. It means "ATTENTION - Become Alert! Your Safety Is Involved!" Read the message that follows and be alert to the possibility of personal injury or death.

MACHINE INSPECTION

- Check to see that all guards listed in the assembly instructions are in place and secured, and functional.
- Check winch and cable for security and operation. There should be at least 3 complete wraps of cable around winch drum in full down position. Cable anchor on winch drum must be tight.
- Are all fasteners tight?
- Are all chains properly adjusted. (See Maintenance Section)
- Check oil levels in gear box. (See Maintenance Section)

OPERATOR QUALIFICATIONS

Operation of this transport equipment shall be limited to competent and experienced persons. In addition, anyone who will operate or work around portable equipment must use common sense. In order to be qualified, they must know and meet all other requirements, such as:

- Some regulations specify that no one under the age of 16 may operate power machinery. This includes augers and flight type elevators. It is your responsibility to know what these regulations are in your area or situation.
- Current OSHA regulations state in part: "At the time of initial assignment and at least annually thereafter, the employer will instruct **every** employee in the safe operation and servicing of all equipment with which the employee is, or will be involved."
- Unqualified persons are to **stay out** of the work areas.
- A person who has not read and understood all the operating and safety instructions is not qualified to operate the machine.

DESIGNATED WORK AREA

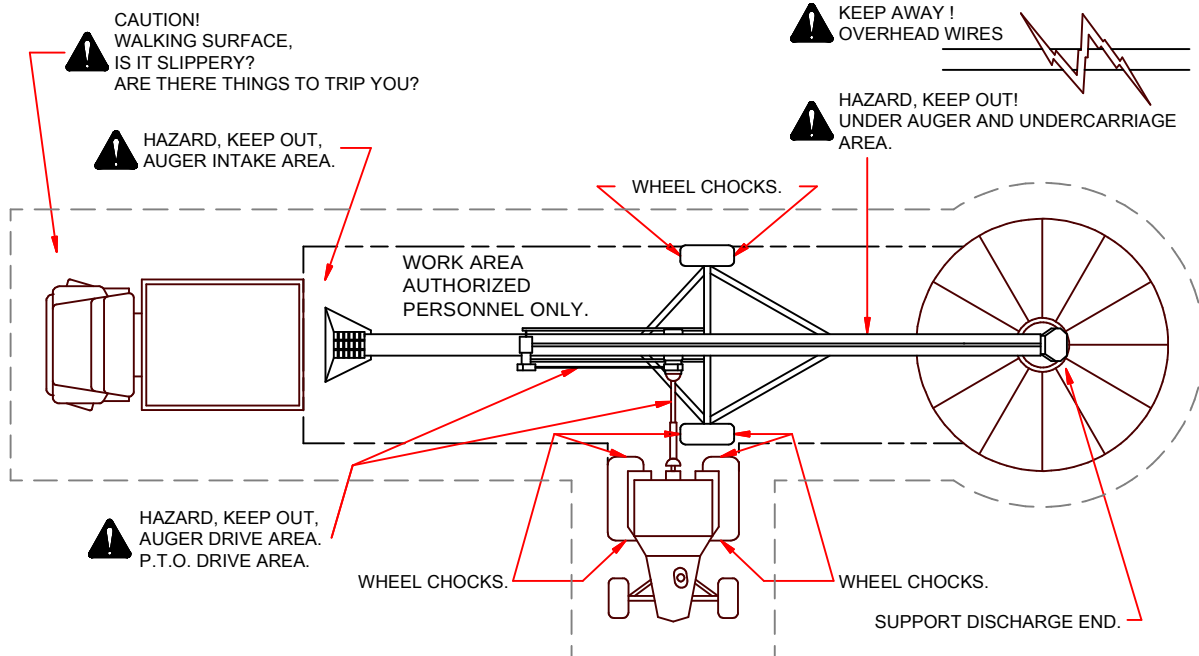
The following diagrams will show the designated work areas. These areas shall be marked off with coloured nylon or plastic rope hung by portable barriers to define the designated work areas.

Under no circumstance should persons not involved in the operation be allowed to trespass into the work area.

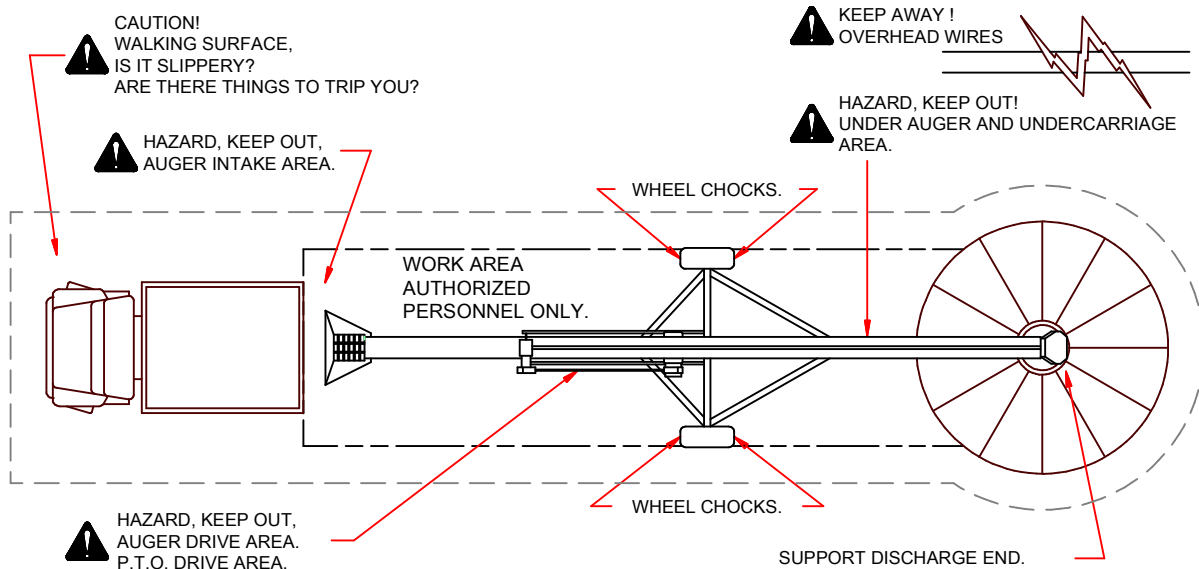
It shall be the duty of all operators to see that children and/or other persons stay out of the work area! Trespass into the area by anyone not involved in the actual operation, or trespass into a hazard area by anyone, shall result in an immediate shut down by the operator.

Prior to start up and during operation, it shall be the responsibility of the operators to see that the work area has secure footing, is clean and free from all debris, and tools which might cause accidental tripping and/or falling.

P.T.O. BELT DRIVE



GAS, ELECTRIC DRIVE



SAFETY GUARD DESCRIPTION



HEAD - END



INTAKE FORK

GEAR BOX PULLEY
GUARDGEAR BOX SHAFT
GUARD

ENGINE PULLEY GUARD

PTO ATTACHMENT
GUARDTUBULAR DRIVE SHAFT
GUARD

TRANSPORT AND PLACEMENT

MOVING THE AUGER WITH THE TOWING VEHICLE TO OR FROM THE WORK AREA

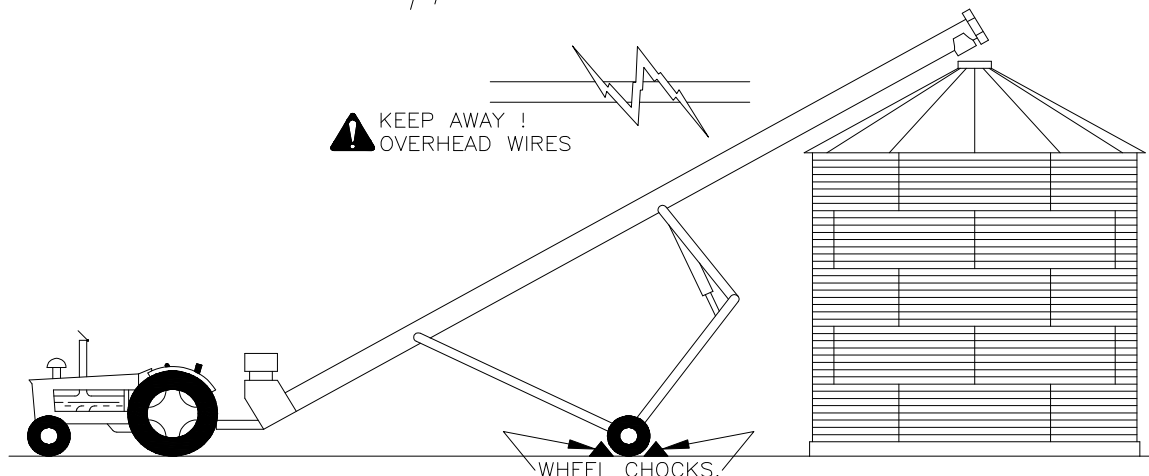
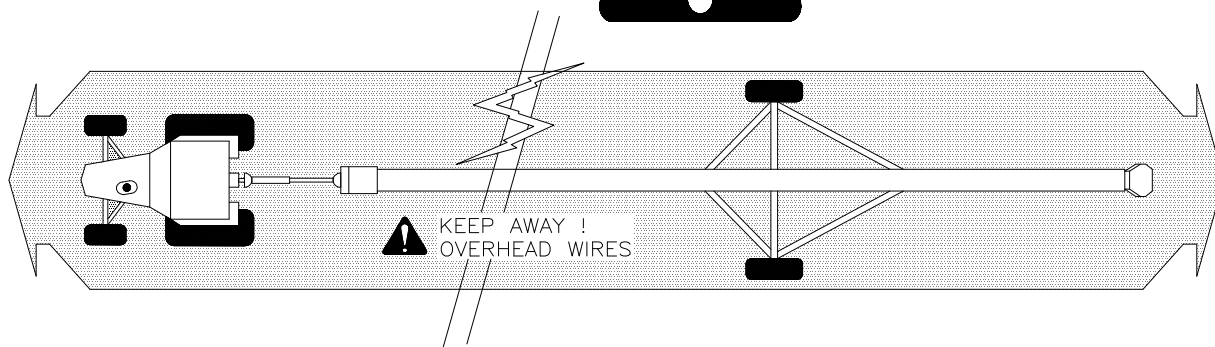
- Always transport your auger in the full down position. The Tube Assembly should be seated in the A-Frame cradle.
- Make sure that the hitch pin is securely attached and an alternate safety chain is secure to the auger and towing vehicle.
- Ensure Lift Arm Safety Chain is attached to the Hopper.
- Once the auger is hitched to the vehicle, ensure that the jack is swung up into the transport position
- Be alert of overhead obstructions and electrical wires. Electrocutation can occur without direct contact. Failure to do so will result in severe injury or death.
- Never allow persons to stand underneath or ride on the auger when it is being transported.

MOVING THE AUGER WITH THE TOWING VEHICLE INTO OR OUT OF ITS WORKING POSITION.

- Always move an auger with a vehicle, never manually.
- Lift slowly, no higher than hitch bar. Be sure grain is out of tube and auger is on level surface.
- Do not place lumber under wheels for increased height.
- Before raising, check for power lines.
- When auger is in place, anchor intake end and/or discharge end and chock wheels.
- When in transport or placement PTO shaft to be disconnected.



**OVERHEAD WIRES
KEEP AWAY!**



SAFETY SIGN LOCATIONS



CAUTION

1. Do not operate this machine before reading and understanding the operator's manual.
2. Do not operate this machine unless all guards and safety devices are securely in place.
3. Do not adjust, service, lubricate, clean, unclog or move this unit until all power has been shut off.
4. Make certain everyone is clear of the equipment before moving or operating. Never allow children, visitors or untrained personnel in the area.
5. Keep hands, feet and clothing clear of all moving parts while in operation.
6. Support discharge end or anchor intake end to prevent upending.
7. Empty machine and lower to transport position before moving to prevent upending.
8. Lower this unit to transport position when not in use.
9. When raising or lowering machine watch for overhead powerlines and other obstructions.
10. Disengage belt tension release on motor base before starting motor.
11. Disconnect power on electric motor driven units before resetting motor overload, make certain electric motors are properly grounded.
12. Always make certain that trained personnel are in attendance while unit is in operation.



WARNING

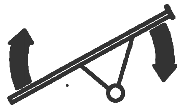


To Prevent Serious Injury or Death

- 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.



DANGER



Upending Hazard

The intake end of the machine must always have downward weight.

Always test it before releasing it from the vehicle or holddown.

Lift the intake slowly and keep it no higher than the tractor tow bar when attaching or releasing it.

Immediately lower the machine to transport position before moving.

Failure to do so will cause upending, which will result in serious injury or death.



DANGER



ROTATING FLIGHTING

Keep away from intake end. Failure to do so will result in serious injury or death.

Do not use the machine without intake guard in place.



DANGER



ELECTROCUTION HAZARD

To prevent serious injury or death from electrocution:

- Stay away from overhead powerlines when transporting or raising machines. This machine is not grounded. Electrocution can occur without direct contact.

AUGER DRIVES AND LOCK OUT

PTO

PTO - Shaft

1. Never use a PTO Shaft without a rotating shield in good working order. Also see that the power drive system safety shields are in place at the auger gear box and the power source.
2. Be certain that the PTO shaft is securely attached to the gear box and the power source.
3. Before starting power source, be certain power to PTO is off.
4. Stay out of the hazard area of an operating PTO.

Lock Out

1. Remove ignition key or coil wire from power source. If this is impossible, remove the PTO shaft from the work area.

ELECTRIC

Power Source

1. Electric motors and controls shall be installed by a qualified electrician and must meet the standards set by the National Standards Electrical Code.
2. A magnetic starter should be used to protect your motor.
3. You must have a manual reset button.
4. You must disconnect power before resetting your motor.
5. Reset and motor controls must be located so the operator has full view of the entire operation.
6. Keep all guards and shields in place.

Lock Out

1. A main power disconnect switch capable of being locked only in the Off position shall be provided. This shall be locked whenever work is being done on the auger.

GASOLINE DRIVES

Power Source

1. Never attempt to adjust or service engine while it is in operation.
2. Shut down and allow engine to cool before filling with fuel.
3. Keep all guards and shields in place.

Lock Out

1. For engines with ropes or crank start - remove spark plug wire or spark plug.
2. For engines with electric start - remove ignition key, spark plug wire or spark plug.

START UP AND BREAK IN

NEW AUGER START-UP AND BREAK-IN

Meridian Manufacturing Inc. recommends that before you start augering grain with your new auger that you should do the following:

1. Run the grain auger at approximately $\frac{1}{2}$ the normal operating speed (270 rpms with PTO) without adding grain to the intake for approximately five minutes.
2. Bring auger up to full operation speed (540 rpms with PTO) and slowly add grain to intake of auger.
3. Continue to add grain slowly until approximately 1000 bushels (28 tonnes) has been run through the grain auger. This will "shine up" the flighting and the tube.
4. The operator should be aware if any unusual vibrations or noises, determine source, shut off, LOCK OUT power source and adjust.

OLD AUGER START-UP AND BREAK- IN

Meridian Manufacturing Inc. recommends that before augering grain with your used auger, you should do the following:

1. Before positioning the auger, be sure all guards and shields are in place, securely fastened and fully operational.
2. Check and fill, if necessary, all lubricating fluids and grease all fittings.

CAUTION

1. Observe work area restrictions (see work area diagram)
2. Keep all safety guards and shields in place.
3. Make certain everyone is clear before operating or moving the machine.
4. Keep hands, feet and clothing away from all moving parts.
5. Lock out power sources to adjust, service or clean.

EMERGENCY SHUT-DOWN

1. Should the auger be immediately shut down under load - disconnect and lock out the power source.

Clear as much grain from the hopper and auger as you can. Never attempt to start the auger full.

2. Starting the auger under load may result in damage to the auger. Such damage is considered abuse of the equipment.
3. Reconnect power source and clear grain gradually.

NORMAL SHUT-DOWN

1. Make sure that the hopper and auger are empty before stopping unit.
2. Before the operator leaves the work area, the power source shall be locked out.

CLEAN-UP AND STORAGE

When the operation is completed, it is recommended that you move the auger to the new work area or to a storage area:

1. Clean entire work area.
2. Remove anchors, supports and chocks.
3. Mover auger slowly out of working position with towing vehicle --- not by hand. (see transport and placement)
4. When augering out of bin is complete, do not attempt to pull an axle with tractor to remove from bin. This will bend the auger.
5. If not in transport position, lower auger to the full down position immediately upon clearance of any obstruction.
6. Transport to new work area or storage area. We recommend that the auger be stored in the full down position with intake end anchored.
7. Do not attempt to pull grain auger out of snow bank in winter. This will cause damage to the tube assembly.
8. Make certain that there is no snow build up on auger tube or frame, which will bend the auger frame or auger tube.

AUGER LUBRICATION AND MAINTENANCE

DANGER - Do not service or lubricate while the auger is running. **LOCK OUT THE POWER SOURCE.**

GEAR BOX

1. Fill gear box with #90 gear oil quantity as per chart:

AUGER SIZE	QUANTITY
HD7	1 Litre
HD8	1 Litre
HD10	2 Litre
TL10	1 Litre
TL12	2 Litre

2. Do not over fill gear box.
3. Change oil once a year or every 20,000 bushels (550 tonnes) or when it gets contaminated with water.

DRIVE SHAFT BEARINGS

1. Grease once a day with good quality grease.

HEAD - END

1. The bearings are pre-lubricated and do not require further lubrication.
2. The sprockets and chain should be oiled with #130 gear oil once every season.
3. Keep chains snug, do not over tighten.

FORK BEARING

1. Grease every 1,000 or 2,000 bushels (28 or 54 tonnes) with good quality grease.

WHEEL BEARINGS

1. The wheel bearings are packed at the factory.
2. They should be cleaned and repacked once a year.

PTO SHAFT AND ATTACHMENT

1. PTO shaft and attachment should be greased once a day with good quality grease.

FRAME ASSEMBLY

NOTE: Reference to right and left hand used throughout this manual refers to the position standing at the intake end looking toward the head-end.

A-FRAME ASSEMBLY

1. Lay out the frame as shown in **Fig 1**
2. Install spindles in frame using the last or bottom holes in the A-Frame.
3. Place A-Frame so the stub on the Main Frame axle can be slid into the second hole on the A-Frame. Now do the same on the other side. Both pieces should be installed on the axle and be pointing in the opposite direction. (**Fig 1**)
4. Install A-Frame cross brace on A-Frame.
5. Mount gooseneck to the A-Frame, using the middle holes on the gooseneck and the upper end of A-Frame.
6. Install track roller brackets and track roller as shown in **Fig 2**. (do not tighten)
7. When assembling swing augers, install lift cable roller at the upper end of gooseneck.
8. Mount tires on rims and mount rims on axle spindles.

MAIN FRAME ASSEMBLY

1. Lay frame out as shown in **Fig 1**
2. Fasten Main Frame to axle using 7/16" dia. bolts. (do not tighten)
3. Install Main Frame to axle braces and Main Frame cross brace at the same time.
4. Install winch base plate and belt idler bracket.
5. Bolt on winch.
6. Fasten battery mount.
7. Assemble cable roller bracket and mount frame.
8. Leave out two bolts on winch plate so Main Frame can be spread apart to fit on tube pins.

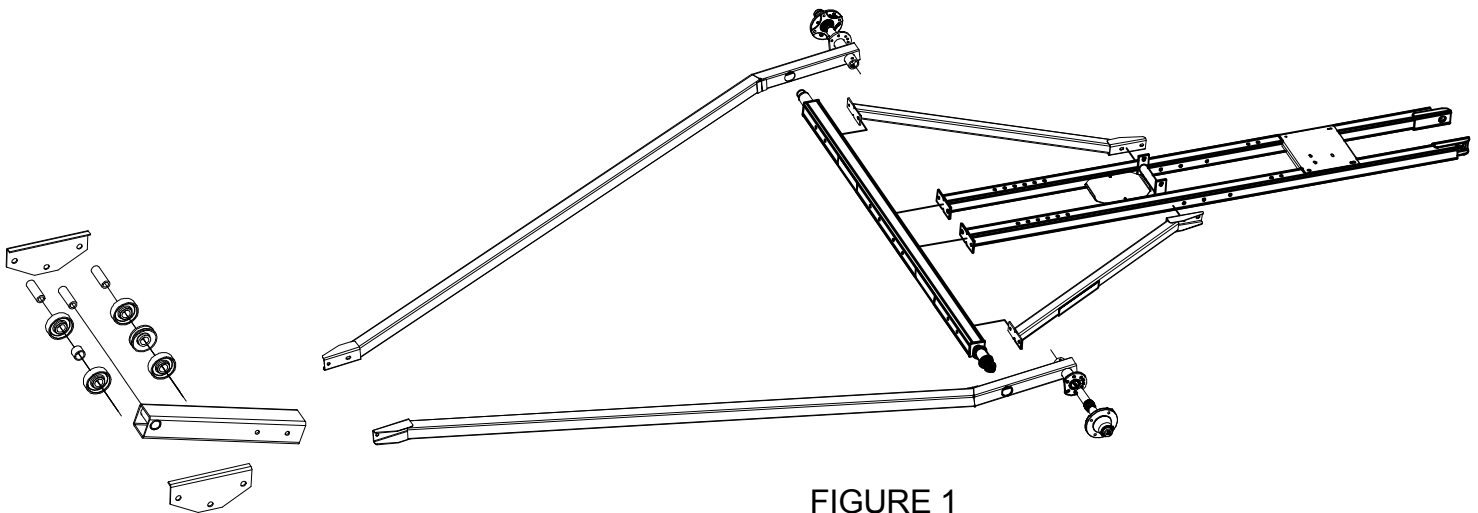


FIGURE 1

FIGURE 2

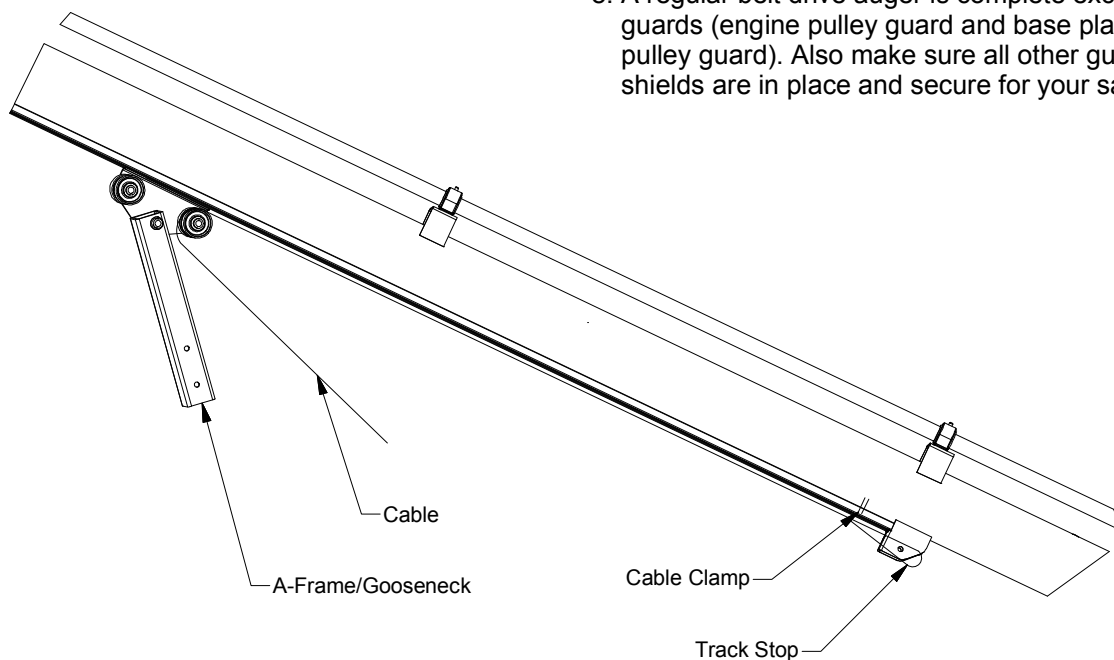
TUBE ASSEMBLY

ASSEMBLY

1. Tube assembly has been pre-assembled at the factory, at this time you should check the tube for damage.
2. After checking for damage, this is a good time to grease drive shaft bearings and oil head-end chains. Head-end bearings have been prelubricated.

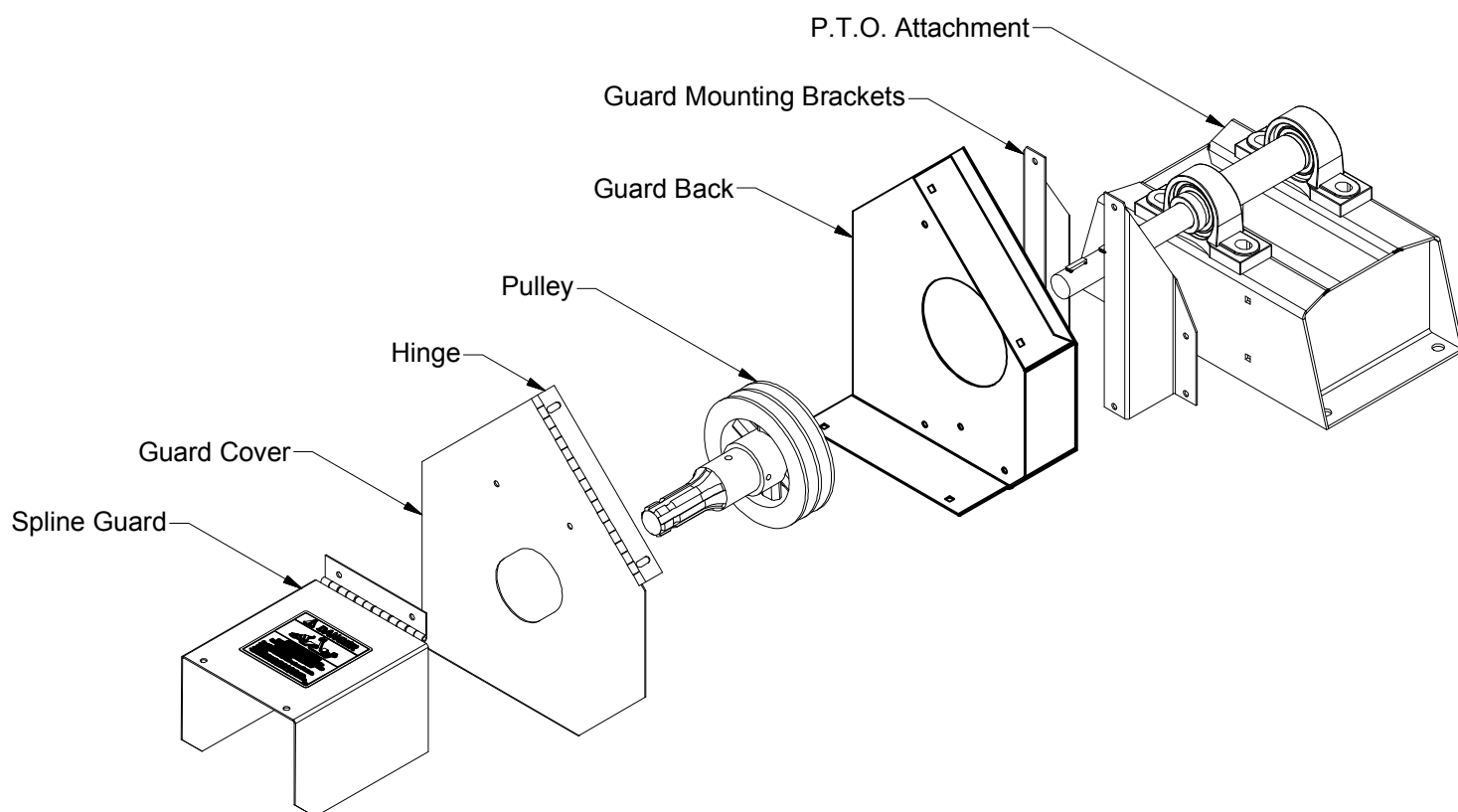
INSTALLATION

1. Raise head-end of the auger tube about 5 ft. Position the complete frame under the auger tube. Place A-Frame to head-end, and Main Frame to intake end. At this time you should run the cable around the grooved roller on the gooseneck.
2. Lift A-Frame up to head-end of the track on the bottom of the auger tube. Spread track roller brackets and fit over track, then tighten.
3. Make sure that the track rollers are well lubricated and rotate freely.
4. Now raise the head-end of the auger tube high enough to allow the Main Frame to fit on the steel pins of the tube assembly. These are the same pins that the truss cable eyebolts are mounted to.
5. Roll frame back to allow the frame to line up to the tube assembly. Then tighten all the bolts on the complete frame and insert all other frame bolts.
6. Lower the auger to the ground and allow the A-Frame to rest against the track stop.
7. Attach cable to the bottom track stop with cable clamp. Cable will already be threaded through the cable roller in the gooseneck (done in previous step). The cable then runs around the Main Frame cable roller and then to the winch. Allow 3 wraps of cable around the winch drum before cable is tight.
8. A regular belt drive auger is complete except for safety guards (engine pulley guard and base plate, gear box pulley guard). Also make sure all other guards and shields are in place and secure for your safety.

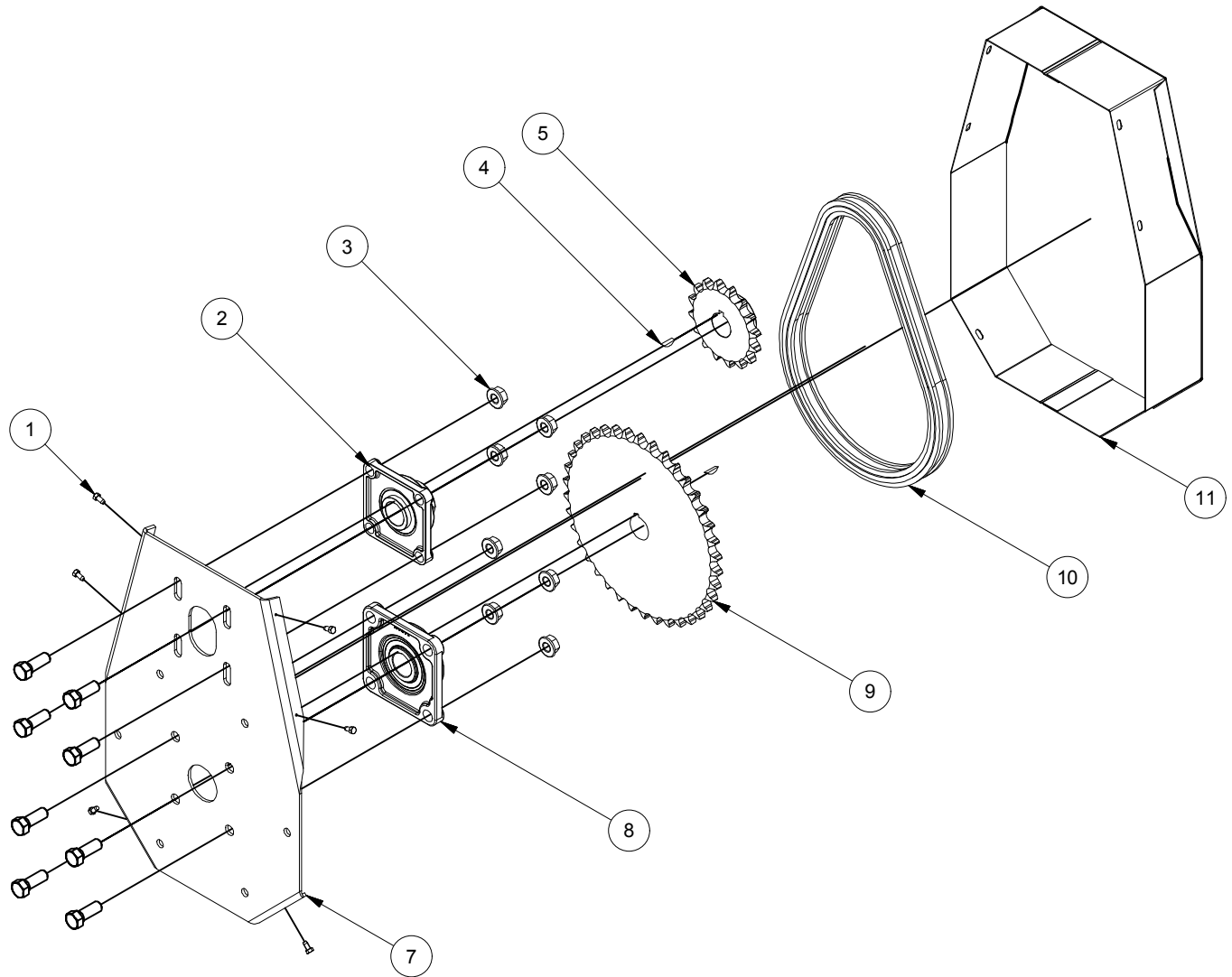


BELT DRIVE ASSEMBLY

1. Mount PTO base onto motor mount base (leave bolts loose).
2. Bolt guard mounting brackets to PTO base on the side that has bolt holes. The small end of the bracket bolts onto the PTO base.
3. Bolt the guard base to the large end of the brackets.
4. Take the V-pulley in the PTO kit and mount it on the gear box of the main auger tube. Hub of the V-pulley must face into gear box.
5. Take the old V-pulley from the gear box and mount it on the PTO shaft of the PTO base. Face the hub of the V-pulley into the PTO base.
6. Bolt guard cover onto guard base.
7. Slide splined coupler onto PTO drive shaft and then tighten the screws.
8. Bolt cover guard to V-pulley guard.

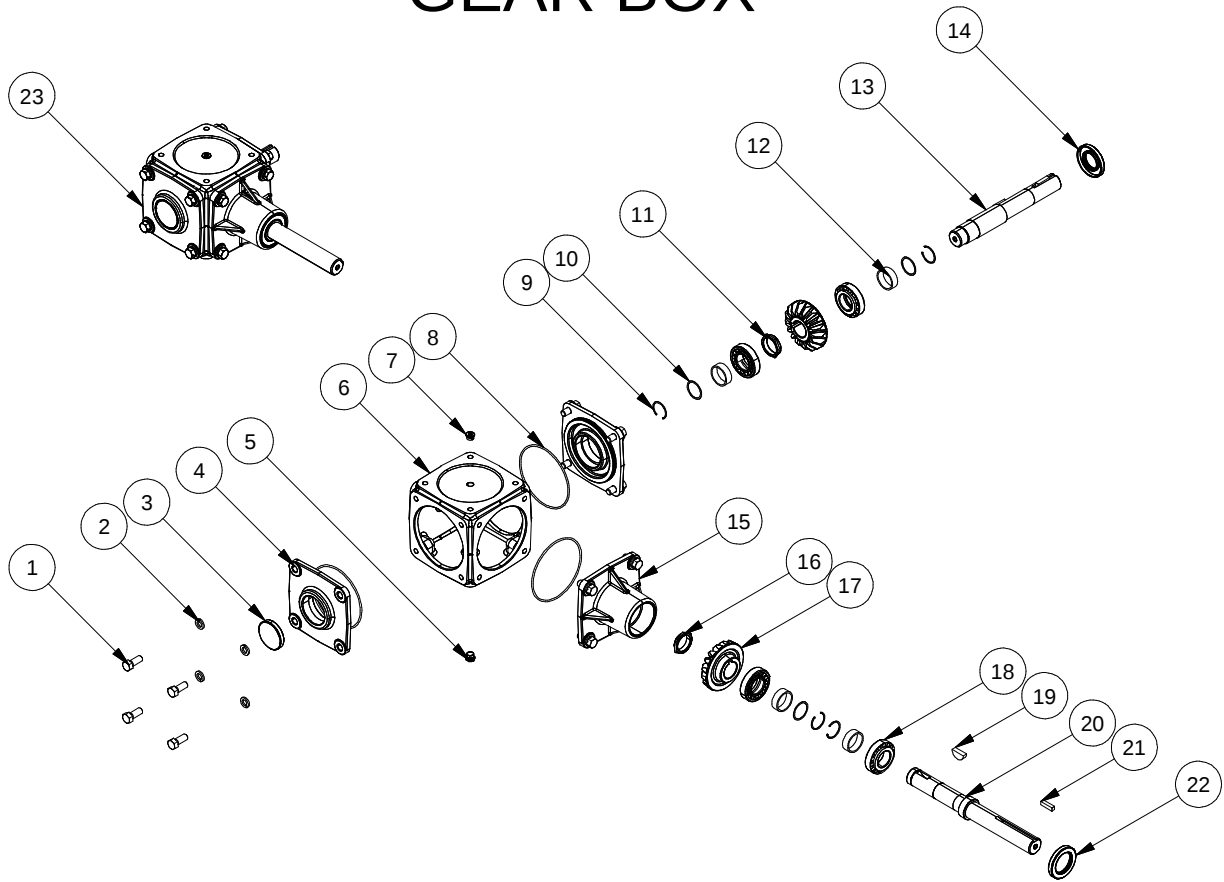


HEAD - END



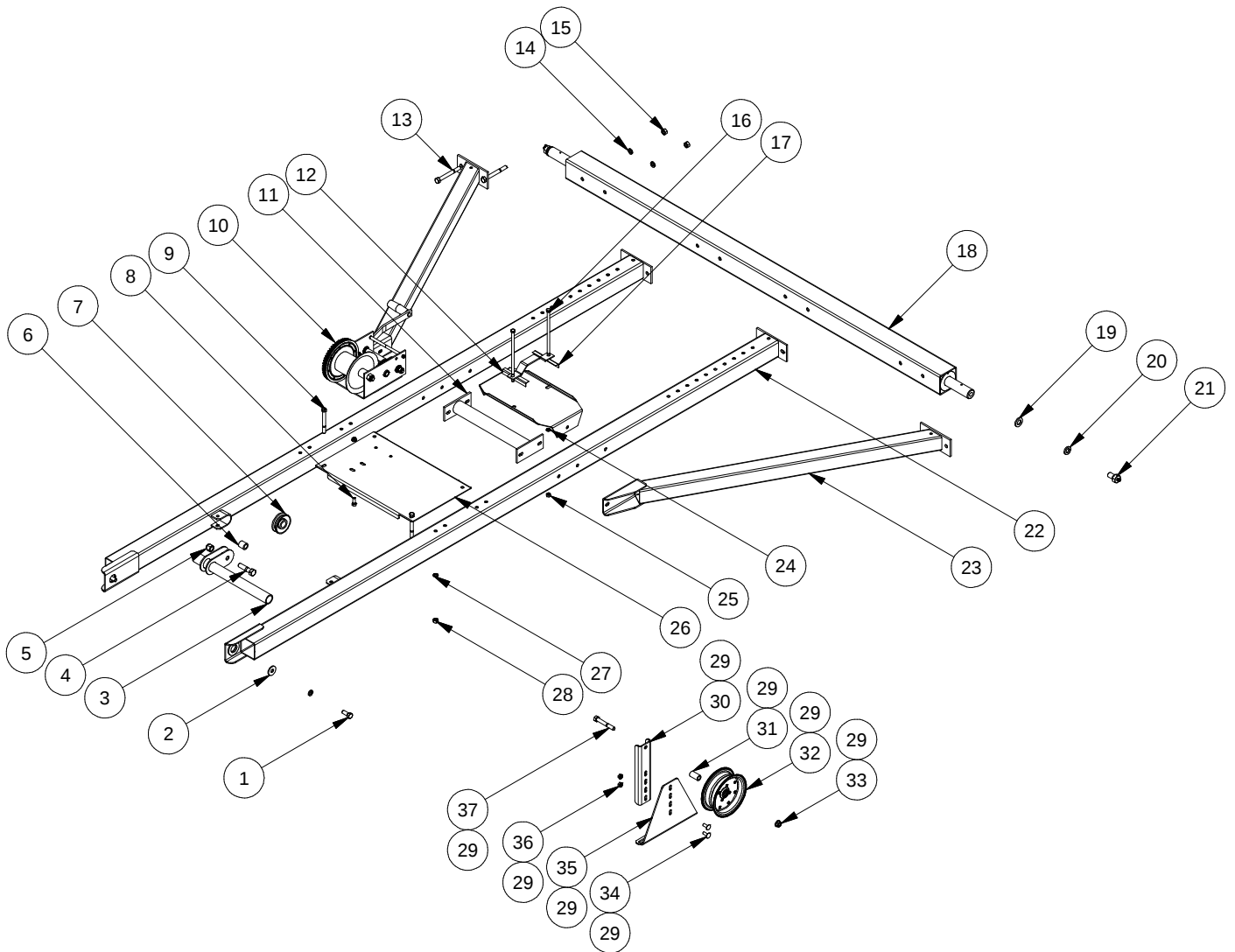
TL12			
REF #	PART #	QUANTITY	DESCRIPTION
1	13-0706-04008	6	Self Threading Screw 1/4 x 1/2
2	13000001551-00	1	Top Bearing
3	13-0731-00010	8	Flange Lock Nut 5/8-11
4	13-0740-00807	2	Woodruff Key, 1/4" x 7/8"
5	13000001619-00	1	Top Sprocket
6	13-0702-10028	8	Hex Cap Screw 5/8 x 1 3/4-11
7	13000003165-00	1	Base Plate
8	13000002341-00	1	1 1/2" Bearing c/w Cast
9	13000003429-00	1	Sprocket - 1 1/2 Hardened
10	13000003426-00	1	Chain c/w Link
11	13000003166-00	1	Cover

GEAR BOX

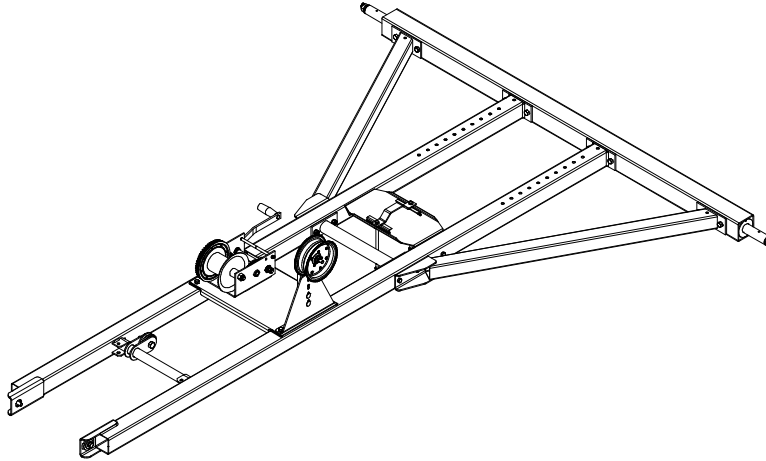


TL12-39			
REF #	PART #	QUANTITY	DESCRIPTION
1	13-0702-08020	12	Hex Cap Screw - 1/2-13 UNC - 1.25
2	13-0734-00008	12	Spring Lock Washer 1/2
3	13000004913-00	1	Cap
4	13000001628-00	2	Single Bearing Cover
5	13000001640-00	1	NPT Oil Level Plug - 3/8"
6	13000001626-00	1	Gear Box Housing
7	13000001641-00	2	NPT Oil Drain Plug - 3/8"
8	13000001642-00	3	O-Ring
9	13000001633-00	4	Snap Ring
10	13000001643-00	3	Shim
11	13000001635-00	1	Stakenut 1 1/2"
12	13000001632-00	4	Roller Bearing Cup
13	13000001637-00	1	Output Shaft
14	13000001638-00	1	Oil Seal - 1 3/8" ID
15	13000001627-00	1	Double Bearing Cover
16	13000001634-00	1	Stakenut - 1 3/8"
17	13000001629-00	2	Bevel Gear
18	13000001630-00	4	Tapered Roller Bearing
19	13-0740-01210	2	Woodruff Key, 3/8" x 1 1/4"
20	13000003521-00	1	Input Shaft
21	13000003540-00	2	Keystock
22	13000001639-00	1	Oil Seal - 1 3/4" ID
23	13000003231-00	-	Gear Box Complete

MAIN FRAME

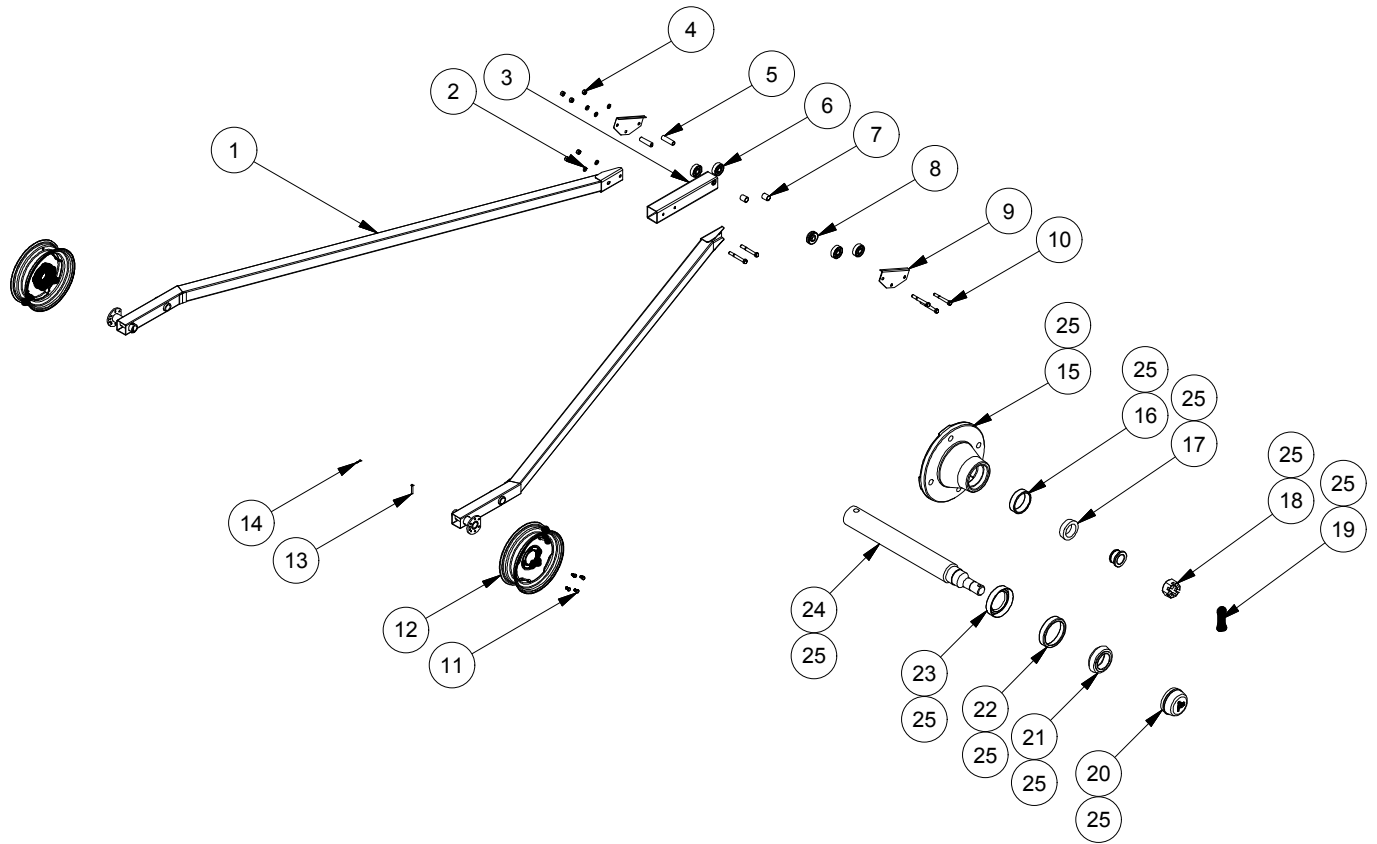


MAIN FRAME



TL12-39			
REF #	PART #	QUANTITY	DESCRIPTION
1	13-0702-08020	2	Hex Cap Screw 1/2-13 UNC - 1.25
2	13000003121-00	2	Plated - Flat Washer
3	13000003346-00	1	Cable Roller Bracket
4	13-0702-10040	1	Hex Cap Screw 5/8-11 UNC - 2.5
5	13-0729-00010	1	Nylon Locknut 5/8-11
6	13000001381-00	1	Cable Roller Bushing
7	13000001017-00	1	Cable Roller
8	13-0702-06016	4	Hex Cap Screw 3/8-16 UNC - 1
9	13-0702-07064	10	Hex Cap Screw 7/16-14 UNC - 4
10	13000001681-00	1	K-2550 Fulton Winch
11	13000003347-00	1	Cross Brace Assembly
12	13000003348-00	1	Battery Mount
13	13-0702-08072	8	Hex Cap Screw 1/2-13 UNC - 4.5
14	13-0734-00008	10	Spring Lock Washer 1/2
15	13-0725-00008	8	Hex Nut 1/2 - 13
16	13-0702-06144	2	Hex Cap Screw 3/8-16 UNC - 9
17	13000001924-00	1	Battery Top Mount
18	13000003344-00	1	Axle
19	13-0736-00012	2	Flat Washer - 3/4
20	13-0734-00012	2	Spring Lock Washer 3/4
21	13000001926-00	2	Bolt 3/4 - 1 1/4 c/w Grease Zerk
22	13000003343-00	2	Frame Main
23	13000002403-00	2	Axle Brace
24	13-0734-00006	2	Spring Lock Washer 3/8
25	13-0725-00006	2	Hex Nut 3/8-16
26	13000003345-00	1	Winch Plate
27	13-0734-00007	10	Spring Lock Washer 7/16
28	13-0725-00007	10	Hex Nut 7/16 - 14
29	13000003673-00	1	Kit - Belt Idler
30	13000003360-00	1	Bracket Channel
31	13000002407-00	1	Spacer
32	13000002408-00	1	Belt Idler
33	13-0731-00008	1	Flange Lock Nut 1/2-13 UNC
34	13-0709-06016	2	Carriage Bolt 3/8-16 UNC - 1
35	13000003359-00	1	Brace
36	13-0731-00006	6	Flange Lock Nut 3/8-16 UNC
37	13-0702-08056	1	Hex Cap Screw 1/2-13 UNC - 3.5

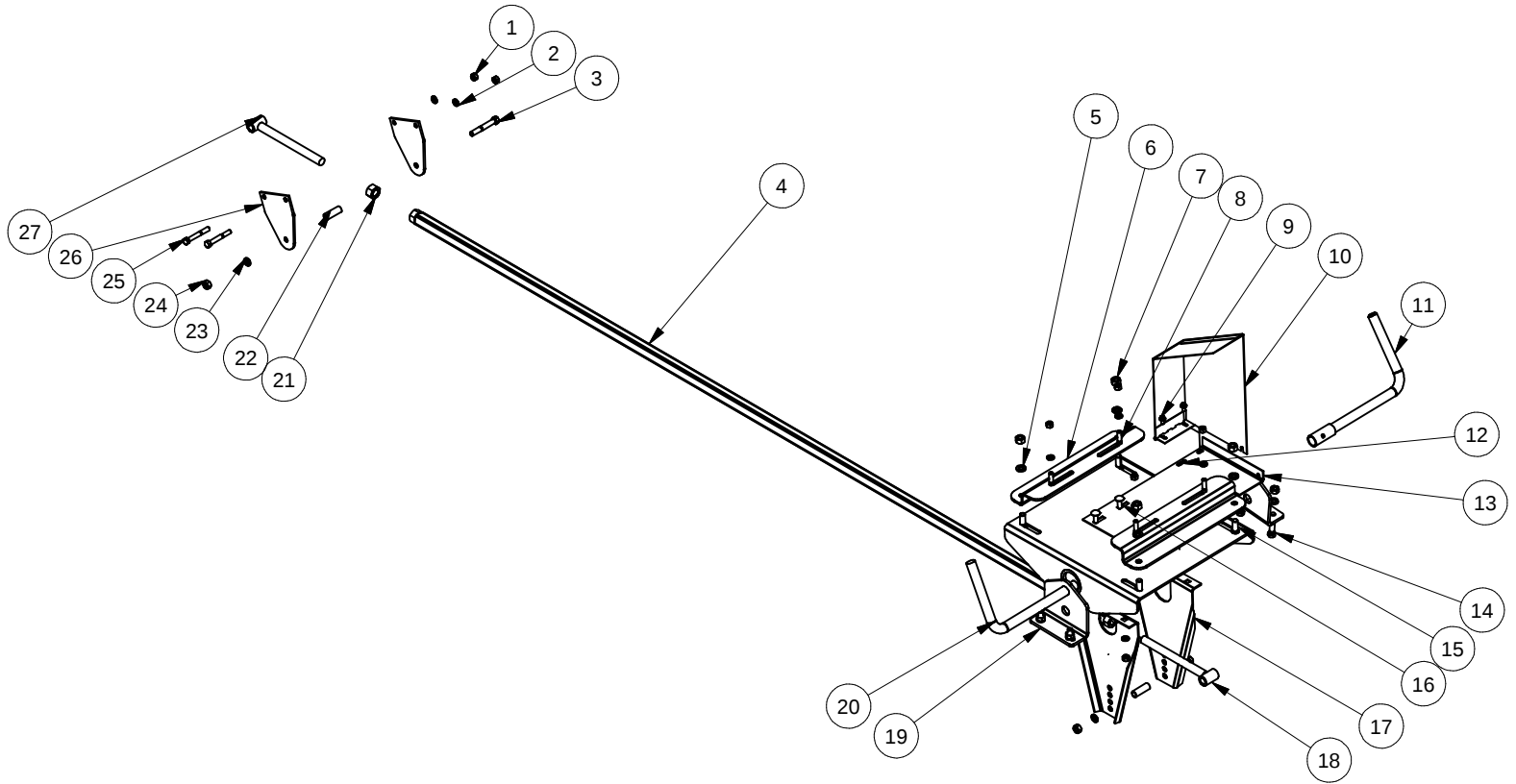
A - FRAME



TL12-39			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000005393-00	2	A-Frame
2	13-0734-00010	5	Spring Lock Washer 5/8
3	13000005329-00	1	GooseNeck
4	13-0725-00010	5	Hex Nut 5/8-11
5	13000001614-00	3	Bushing - Trolley
6	13000001016-00	4	Track Roller
7	13000001615-00	2	Track Roller Spacer
8	13000001017-00	1	Cable Roller
9	13000001366-00	2	Trolley Guide
10	13-0702-10080	5	Hex Cap Screw 5/8-11 UNC - 5
11	13000001012-00	8	1/2 x 7/8 Wheel Stud
12	13000001223-00	2	15" WHEEL
13	13000001387-00	2	Clevis Pin 3/8 x 2-3/8
14	13-0737-04032	2	Cotter Pin - 1/8 x 1
15	13000001007-00	2	Hub
16	13000001008-00	2	Bearing Tapered Roller (Cup)
17	13000001009-00	2	Bearing Tapered Roller Cone (Inner)
18	13000001010-00	2	Nut UNF Hex - 3/4
19	13-0737-05040	2	Cotter Pin - 5/32 x 1-1/4
20	13000001011-00	2	Dust Cap
21	13000001005-00	2	Bearing Tapered Roller Cone (Outer)
22	13000001004-00	2	Grease Seal
23	13000001006-00	2	Bearing Tapered Roller (Cup)
24	13000001670-00	2	Spindle - 1-1/2 x 13
25	13000002553-00	2	Complete Hub c/w Spindle & Bearings

PARTS LIST

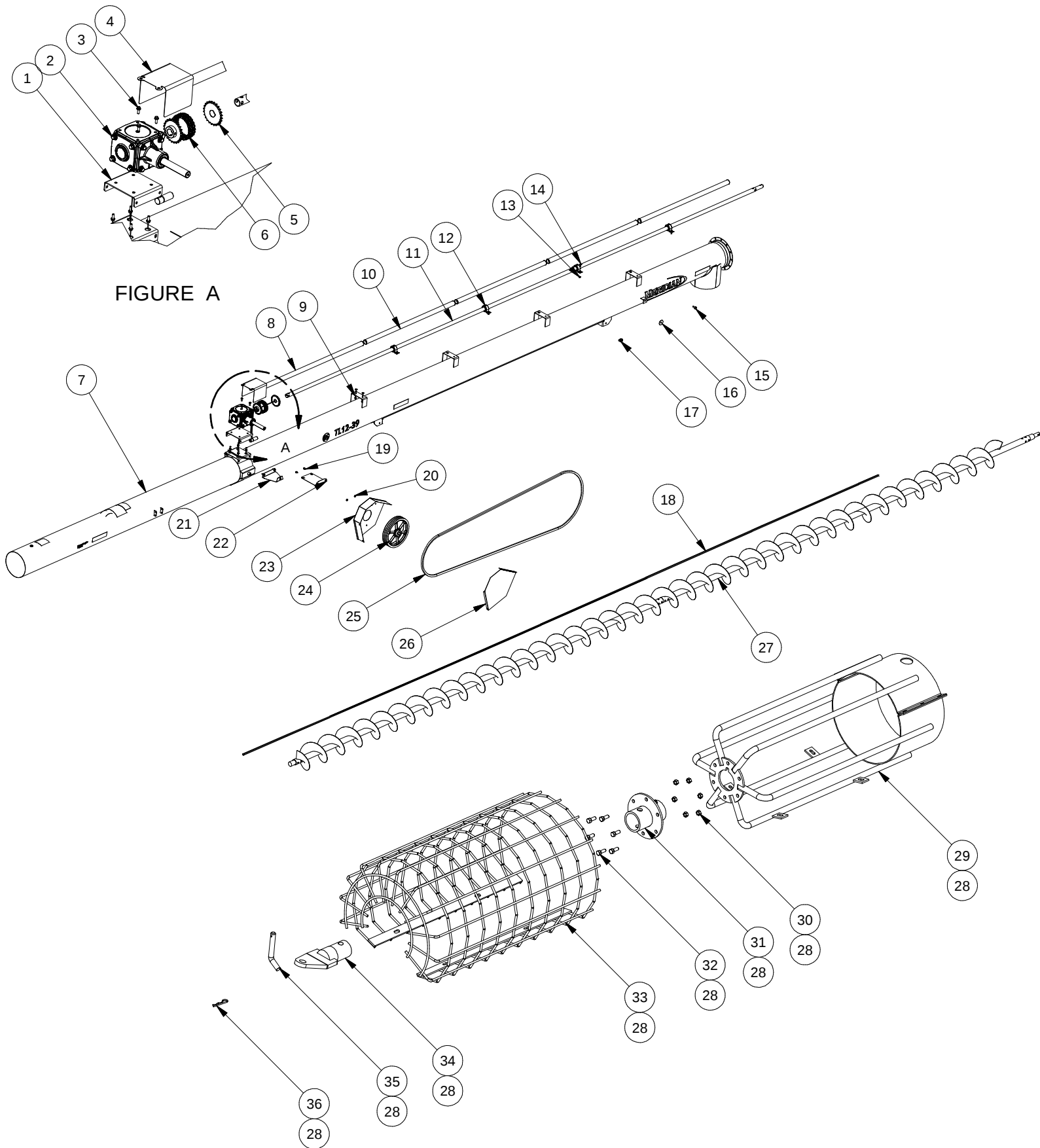
MOTOR MOUNT ASSEMBLY



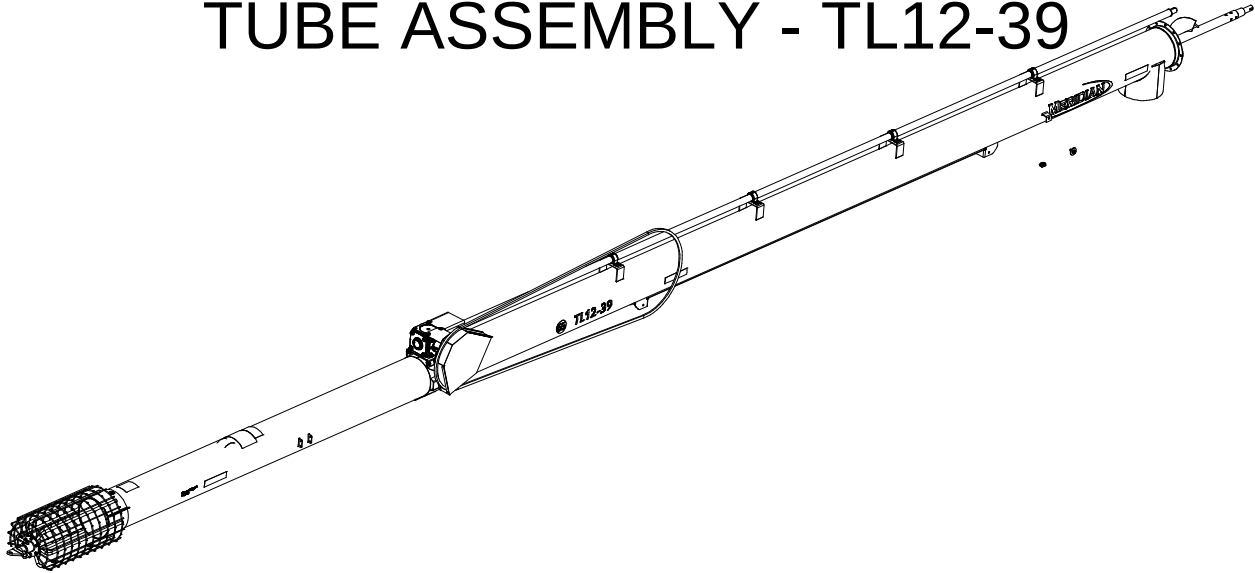
TL12 BELT DRIVE			
REF #	PART #	QUANTITY	DESCRIPTION
1	13-0725-00006	10	Hex Nut 3/8 - 16
2	13-0734-00006	10	Spring Lock Washers - 3/8
3	13-0702-07048	2	Hex Cap Screw - 7/16-14 UNC - 3
4	13000001450-00	1	Leveling Bar
5	13-0734-00008	4	Spring Lock Washers - 1/2"
6	13000003210-00	2	Vanguard Motor Bracket
7	13-0725-00008	4	Hex Nuts 1/2" - 13
8	13-0702-06024	4	Hex Cap Screw 3/8-16 UNC - 1.5
9	13-0712-04088	2	1/4-20 UNC x 0.5 Flange Bolt
10	13000002687-00	1	Guard Pulley
11	13000002964-00	1	Extension Handle
12	13-0731-00004	2	1/4-20 UNC Flange Nut
13	13000002686-00	1	Pully Guard Base
14	13-0702-07020	4	Hex Cap Screw - 7/16-14 UNC - 1.25
15	13-0702-08020	4	Hex Cap Screw - 1/2-13 UNC - 1.25
16	13-0709-06016	4	Hex Cap Screw 3/8-16 UNC - 1
17	13000001590-00	2	Lower Leveling Bar Bracket
18	13000001107-00	1	Screw Leveling Bar Adjustable - LH
19	13000001588-00	2	Pivot Bracket
20	13000003427-00	1	Motor Mount Ass'y
21	13-0725-00012	1	Hex Nut - 3/4"
22	13000001106-00	2	Leveling Bar Bushing
23	13-0734-00007	6	Spring Lock Washers - 7/16"
24	13-0725-00007	6	7/16" Hex Nut
25	13-0702-06044	2	Hex Cap Screw 3/8-16 UNC - 2.75
26	13000003208-00	2	Upper Leveling
27	13000001114-00	1	Upper Leveling Bar

TUBE ASSEMBLY

FIGURE A

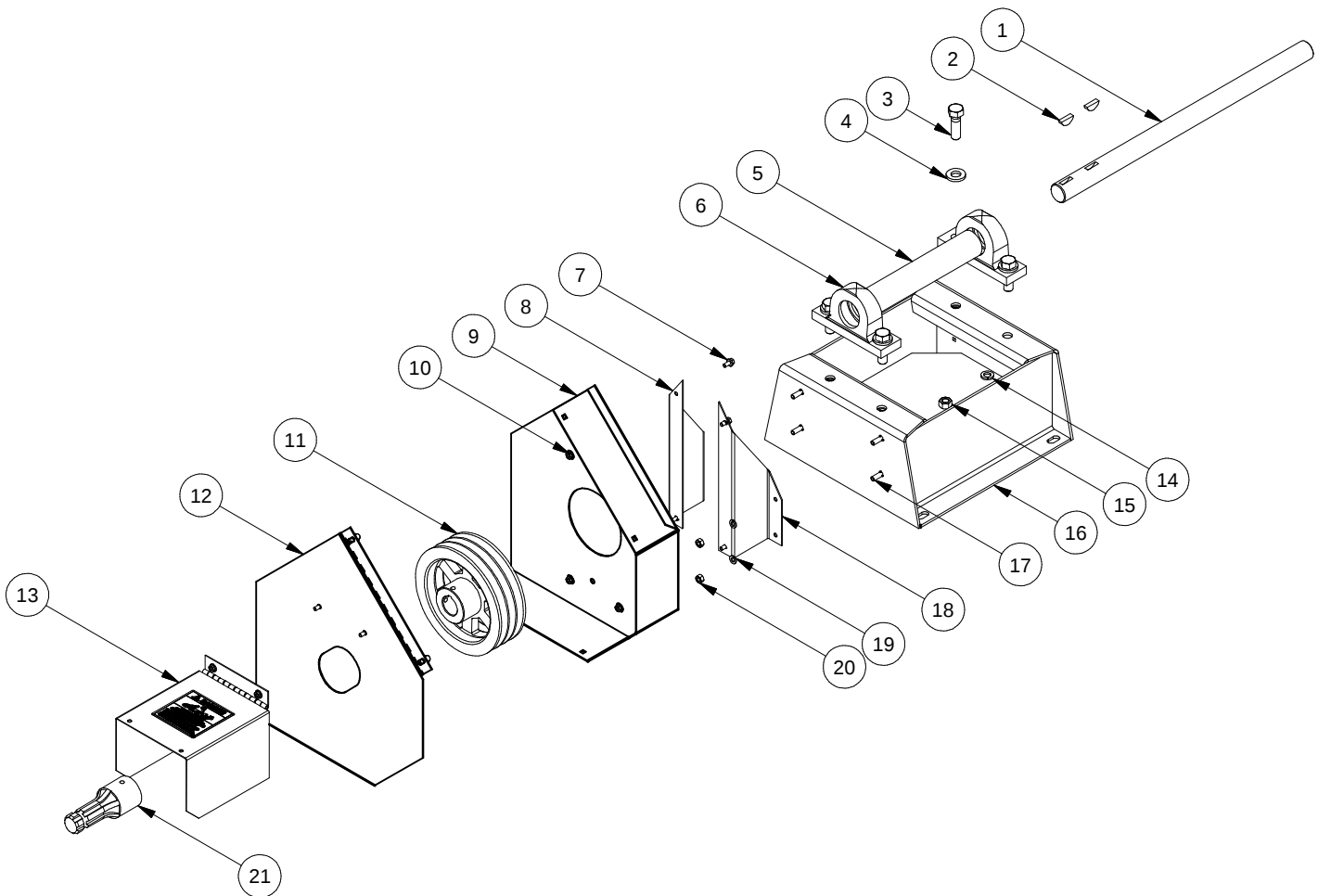


TUBE ASSEMBLY - TL12-39



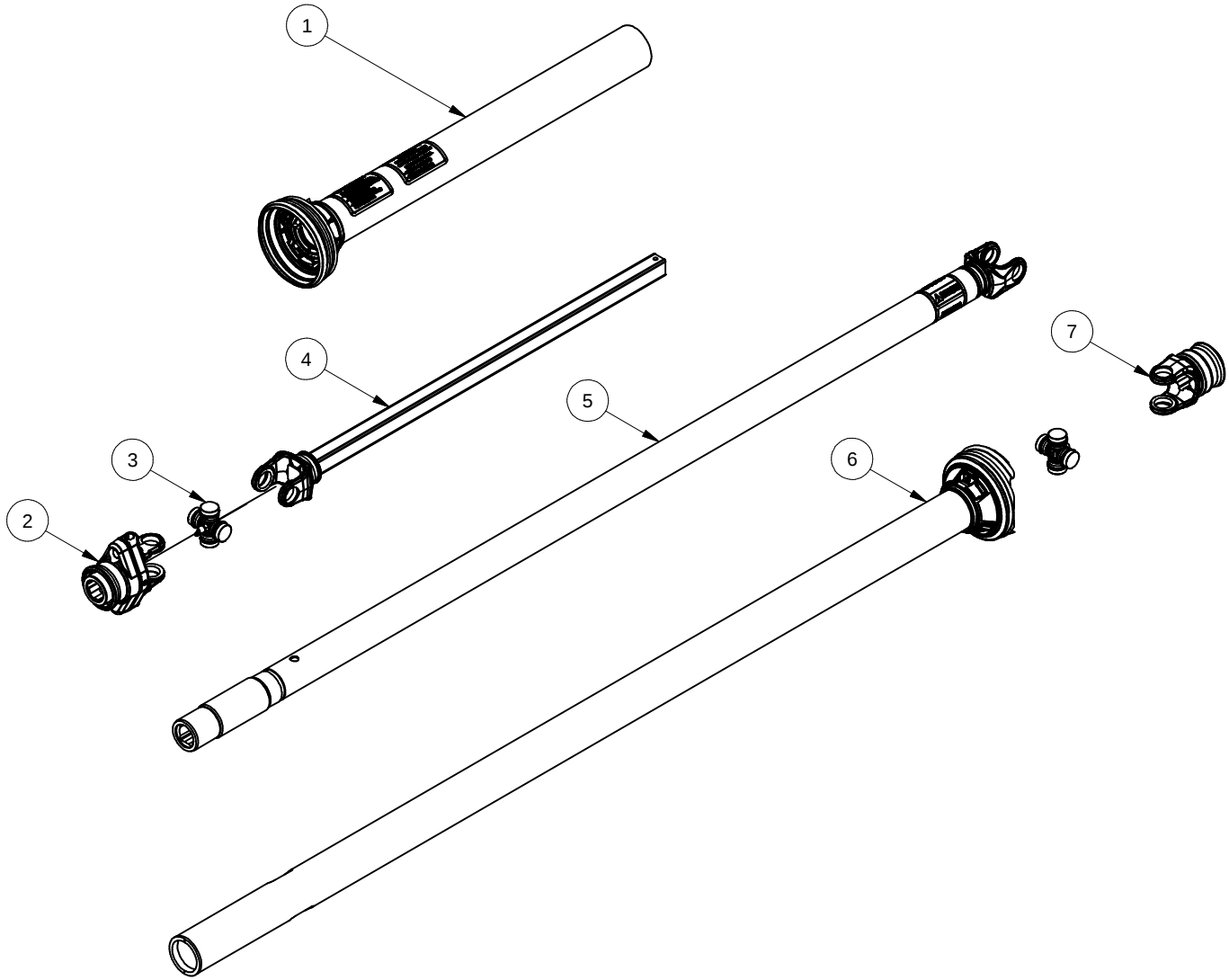
TL12			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003351-00	1	Gear Box Bolt on Plate
2	13000003231-00	1	Gear Box
3	13-0712-06016	11	3/8-16 UNC x 1 Flange Bolt
4	13000001555-00	1	Plate Guard Gear Box
5	13000001545-00	2	Coupling Sprocket - 50B24 - 1-3/8"
6	13000001542-00	1	Coupler Chain
7	13000003663-00	1	Tube Top
8	13000002456-00	1	Drive Shaft Guard Bottom w/ Bushings
9	13-0734-00006	8	Spring Lock Washers - 3/8"
10	13000001559-00	4	Guard Drive Shaft Top
11	13000002453-00	1	Drive Shaft
12	13000001493-00	4	Split Pillow Block Bearing
13	13-0731-00006	8	3/8-16 UNC Flange Nut
14	13-0709-06016	8	Carriage Bolt - 3/8-16 UNC - 1
15	13-0712-08012	1	1/2-13 UNC x 1.25 Flange Bolt
16	13000003007-00	1	Washer Plated
17	13000002433-00	1	Cable Clamp - 5/16"
18	13000001423-00	1	Lift Cable
19	13-0712-05008	3	5/16-18 UNC x 0.5 Flange Bolt
20	13-0731-00005	3	5/16-18 UNC Flange Nut
21	13000003332-00	1	Lower Pulley Guard Bracket
22	13000003331-00	1	Upper Pulley Guard Bracket
23	13000003340-00	1	Guard Pulley
24	13000003338-00	1	Triple Groove Sleeve
25	13000001072-00	1	Belt - B-225
26	13000003341-00	1	Guard Cover Assembly
27	13000003664-00	1	Flight
28	13000003519-00	1	Intake
29	13000005396-00	1	Fork Intake
30	13-0730-00006	6	Stover Locknut 3/8-16
31	13000005028-00	1	Fork End
32	13-0702-06016	6	Hex Capscrew 3/8-16 x 1
33	13000003428-00	1	Guard
34	13000001539-00	1	Hitch-Tube
35	13000001646-00	1	Bent Pull Pin 5/8" x 3"
36	13073902040	1	1/8" x 2 1/2" Hair Pin

P.T.O. ATTACHMENT



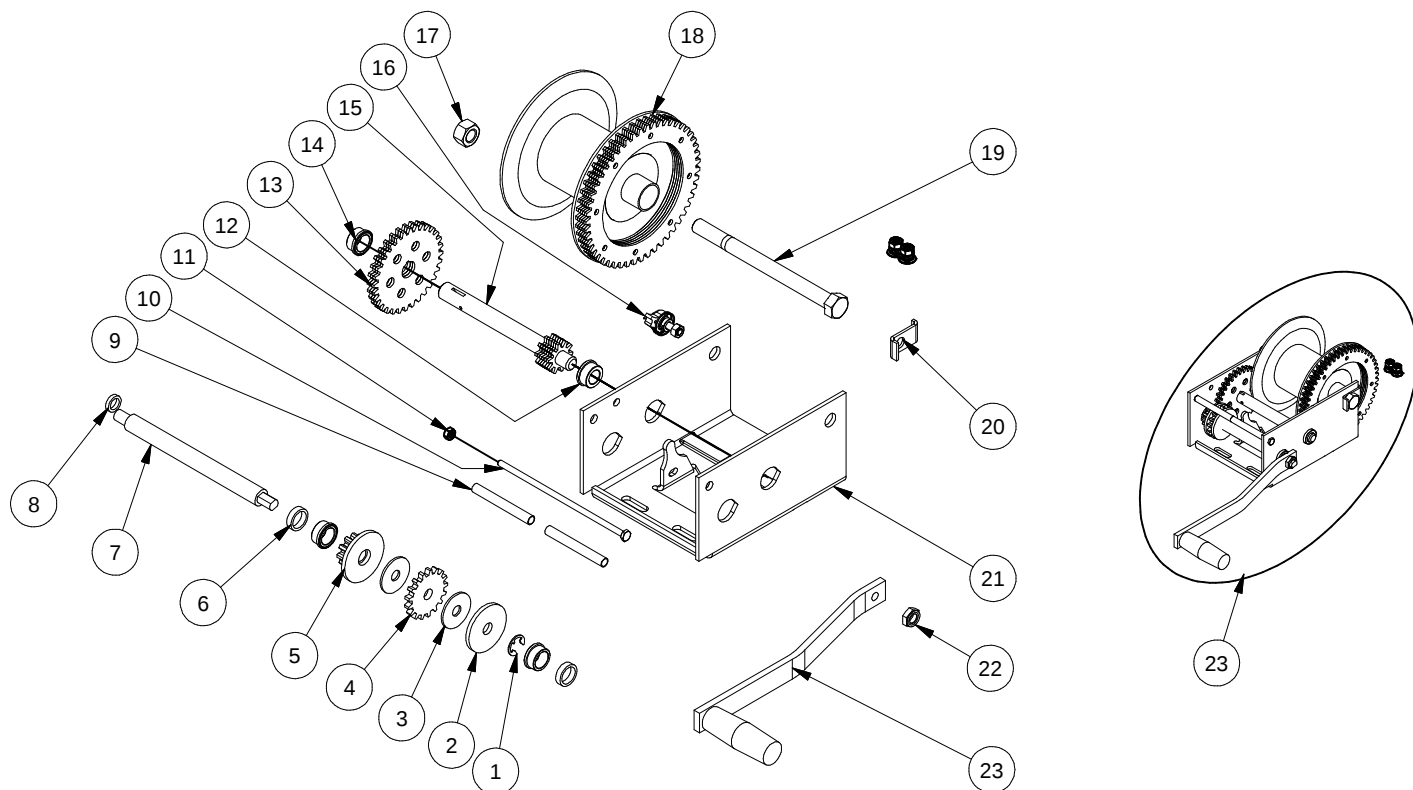
TL12-39			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003433-00	1	Drive Shaft
2	13-0740-01009	2	Woodruff Key No. 808, 5/16 x 1 1/8 x 0.475
3	13-0702-10032	4	Hex Cap Screw 5/8-11 UNC - 2
4	13-0736-00010	4	Flat SAE Washer 5/8
5	13000004825-00	1	Drive Shaft Guard Tube
6	13000001577-00	2	1-3/8" P.B. Bearing c/w Housing
7	13-0712-04008	8	Flange Lock Bolt 1/4-20 UNC x 0.5
8	13000001582-00	1	Pulley Guard Bracket - LH
9	13000003340-00	1	Guard Pulley
10	13-0731-00004	8	Flange Lock Nut 1/4-20 UNC
11	13000001586-00	1	Sheave
12	13000003342-00	1	PTO Guard Cover
13	13000001349-00	1	P.T.O. Guard
14	13-0734-00008	4	Spring Lock Washer 1/2
15	13-0725-00008	4	Hex Nut 1/2-13
16	13000003432-00	1	PTO Attachment Base
17	13-0709-05016	4	Carriage Bolt 5/16-18 UNC - 1
18	13000001583-00	1	Pulley Guard Bracket - RH
19	13-0734-00005	4	Spring Lock Washer 5/16
20	13-0725-00005	4	Hex Nut 5/16-18
21	13000001581-00	1	P.T.O. Spline Adaptor

PTO SHAFT



TL12			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000001999-00	1	Outer PTO Shield
2	13000001987-00	1	PTO Ball Shear Assembly
3	13000001274-00	2	Cross & Bearing Kit
4	13000001996-00	1	Yoke & Male Shaft
5	13000002003-00	1	Yoke & Female Tube
6	13000002001-00	1	Inner PTO Shield
7	13000002004-00	1	Quick Disconnect Yoke
8	13000002036-00	-	Complete PTO Shaft

FULTON K 2550 BRAKE WINCH



TL12			
REF #	PART #	QUANTITY	DESCRIPTION
1	-	1	E-Clip
2	13000003142-00	1	Shaft Brake Disc
3	13000001948-00	2	Friction Disc
4	13000001946-00	1	Ratchet Gear
5	13000001947-00	1	Pinion & Disc
6	-	2	Output Washer
7	13000002948-00	1	Input Shaft
8	-	1	Washer
9	-	2	Frame Spacer (Not Available to Order)
10	-	1	Frame Spacer Bolt
11	13-0725-00004	1	Hex Nut 1/4-20
12	13000001939-00	1	Bushing
13	-	1	Gear
14	13000001937-00	3	Bushing
15	13000001944-00	1	Output Shaft
16	13000001712-00	1	Pawl and Spring Kit
17	-	1	Drum Lock Nut
18	-	1	Drum Assembly C/W Spacer
19	-	1	Drum Bolt
20	-	1	Keeper (Not Available to Order)
21	-	1	Frame (Not Available to Order)
22	-	1	Handle Lock Nut
23	13000001711-00	1	Handle
24	13000001681-00	-	Complete Winch Assembly

GENERAL PARTS

PART NUMBER	DESCRIPTION
13000002949-00	Red Spray Paint
13000004846-00	Dark Grey Spray Paint
13000004918-00	12" Cupped Repair Flight w/ Shaft and Stub - 2 1/2"
13000003333-00	12" Regular Flight / Foot - 2.5" OD Shaft
13000003334-00	12" Cupped Flight / 2 Feet - 2.5" OD Shaft
13000003505-00	12" Flight Shaft Core / Foot - 2 1/2" OD
13000003175-06	12" Flight Shaft Stub - Joiner - 2 1/4" OD Shaft
13000003441-05	12" Flight Shaft Stub - 2 1/4" OD Shaft
13000003867-00	12" Helix - Cup / Foot - 2 1/2" OD Shaft
13000001546-02	Flight Shaft Stub - Head - 1 1/2" OD
13000001547-03	Short Stub - Drive - 1 3/8" OD
13000001647-00	Drive Shaft / Foot - 1 5/8" OD
13000003504-00	12" Tubing / Foot
13000003193-10	12" Angle Flange
13000003704-00	Decal - TL12-39
13000003686-00	Decal - Meridian
13000001653-00	Decal - Caution (Large)
13000001654-00	Decal - Warning
13000001655-00	Decal - Danger - Upending Hazard
13000001656-00	Decal - Danger - Electrocution Hazard
13000001657-00	Decal - Danger - Rotating Flighting
13000001658-00	Decal - Warning - Moving Part Hazard
13000001659-00	Decal - Caution (Small)
13000001660-00	Decal - Rotating Drive Line
13000002901-00	Reflector Yellow
13000002900-00	Reflector Red
13000004972-00	Kit - Bolt On Repair Band 12in

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13000005396-00	E8	29	13-0731-00006	E8	13			
1300003345-00	E4	26	13-0731-00008	E4	33			
1300003673-00	E4	29	13-0731-00010	E1	3			
13-0702-06016	E4	8	13-0734-00005	E9	19			
13-0702-06016	E8	32	13-0734-00006	E4	24			
13-0702-06024	E6	8	13-0734-00006	E6	2			
13-0702-06044	E6	25	13-0734-00006	E8	9			
13-0702-06144	E4	16	13-0734-00007	E4	27			
13-0702-07020	E6	14	13-0734-00007	E6	23			
13-0702-07048	E6	3	13-0734-00008	E2	2			
13-0702-07064	E4	9	13-0734-00008	E4	14			
13-0702-08020	E2	1	13-0734-00008	E6	5			
13-0702-08020	E4	1	13-0734-00008	E9	14			
13-0702-08020	E6	15	13-0734-00010	E5	2			
13-0702-08056	E4	37	13-0734-00012	E4	20			
13-0702-08072	E4	13	13-0736-00010	E9	4			
13-0702-10028	E1	6	13-0736-00012	E4	19			
13-0702-10032	E9	3	13-0737-04032	E5	14			
13-0702-10040	E4	4	13-0737-05040	E5	19			
13-0702-10080	E5	10	13-0739-02040	E8	36			
13-0706-04008	E1	1	13-0740-00807	E1	4			
13-0709-05016	E9	17	13-0740-01009	E9	2			
13-0709-06016	E4	34	13-0740-01210	E2	19			
13-0709-06016	E6	16						
13-0709-06016	E8	14						
13-0712-04008	E9	7						
13-0712-04088	E6	9						
13-0712-05008	E8	19						
13-0712-06016	E8	3						
13-0712-08012	E8	15						
13-0725-00004	E11	11						
13-0725-00005	E9	20						
13-0725-00006	E4	25						
13-0725-00006	E6	1						
13-0725-00007	E4	28						
13-0725-00007	E6	24						
13-0725-00008	E4	15						
13-0725-00008	E6	7						
13-0725-00008	E9	15						
13-0725-00010	E5	4						
13-0725-00012	E6	21						
13-0729-00010	E4	5						
13-0730-00006	E8	30						
13-0731-00004	E6	12						
13-0731-00004	E9	10						
13-0731-00005	E8	20						

Limited Warranty Statement

1. Meridian Manufacturing Inc warrants each new Meridian Manufacturing Inc product (the "Goods") to be free from defects in material and workmanship under normal use and service for a period of two (2) years or ninety (90) days in the case of commercial use, from the shipment date from the Meridian dealer (FCA).
2. Meridian warrants replacement parts and components either manufactured or sold by, will be free from defects in materials or workmanship under normal use and service for thirty (30) days from the shipment date from the Meridian dealer (FCA), or the remainder of the original warranty period on the Goods, whichever is longer.
3. This warranty does not apply to:
 - a) to any merchandise or components thereof, which in the sole and unfettered opinion of Meridian, have been subject to misuse, unauthorized modifications, alteration, accident, negligence, product abuse or lack of required maintenance.
 - b) if repairs have been made with parts or by persons other than those parts or persons approved by Meridian.
 - c) to parts and accessories not manufactured by Meridian including, but not limited to, engines, batteries, tires, belts, PTO shafts or other trade accessories. Such parts shall be covered by the warranty given by the actual manufacturer, if any.
 - d) to failure of parts; or failure of parts to perform due to wear under normal or excessive service conditions; or to failure due to use by the Purchaser for purposes other than originally intended at time of manufacture, including without limitation using the Goods for mixing fertilizer, etc.; or used in excess of the built specifications.
 - e) to Goods used in areas exposed to corrosive or aggressive conditions including, but not limited to, salt water from either inside or outside the Goods.
 - f) to failures or defects arising out of damage during shipment or during storage.
 - g) to materials replaced or repaired under this warranty, except to the extent of the remainder of the applicable warranty.
4. The obligation of Meridian under this warranty shall not arise unless Meridian is notified and this warranty is presented together with a written statement specifying the claim or defect within thirty (30) days after the failure is first detected or made known to the Purchaser and within: (i) two (2) years, or ninety (90) days in the case of commercial use; or (ii) thirty (30) days in the case of replacement parts and components manufactured by Meridian; from the shipment date from the Meridian dealer (FCA). Meridian in its sole and unfettered discretion shall determine if the claim is valid and whether correction of the defect or failure shall be made by repair or replacement of the materials.
5. Title to any replaced materials Meridian wishes to have pass to it, shall pass to Meridian.
6. The obligation of Meridian hereunder extends only to the original Purchaser or Buyer to whom the Goods were initially sold. This warranty shall not be subject to any assignment or transfer without the written consent of Meridian.
7. The purchaser acknowledges that it has made its own independent decision to approve the use of the Goods and also the specific fabrication and construction procedures utilized to complete the Goods, and has satisfied itself as to the suitability of these products for its use.

8. This warranty is subject to the following limitations, provisions and conditions:
- a) Meridian shall have no liability hereunder for any claims, including field re-work.
 - b) Meridian shall not be liable for any incidental loss or damage, however caused, including, without limitation, normal wear and tear.
 - c) Meridian makes no express or implied warranties of any nature whatsoever except for such express warranties as set out herein. The warranty provided herein is in lieu of and excludes all other warranties, guarantees or conditions pertaining to the Goods, written or oral, statutory, express or implied, (except the warranty as to title) including any warranty as to the merchantability or fitness for any particular purpose. Meridian expressly disclaims all other representations, conditions or warranties, expressed or implied, statutory or otherwise and any representations, warranties or conditions that may arise from a course of dealing or usage of trade. The warranty provided herein shall constitute Meridian's sole obligation and liability and the Purchaser's sole remedy for breach of warranty. No other warranty has been made by any employee, agent, or representative of Meridian and any statements contained in any other printed material of Meridian is expressly excluded herefrom. Meridian shall not be responsible for any warranty offered by the Purchaser to its customers with respect to the Goods and the Purchaser shall indemnify Meridian with respect to same if any of those customers makes a claim against Meridian relating to any such warranty.
 - d) Subject to Meridian's obligations contained in paragraphs 1 and 2 herein, none of Meridian, its officers, directors, servants or agents shall be liable, or responsible for any loss or damage (including strict liability and liability for loss or damage due to items which the manufacturing processes are designed to identify) whether such loss or damage is caused by negligence in any manner whatsoever (including gross negligence, error, misrepresentation, misstatement, imprudence, lack of skill or lack of judgement).
9. The sole financial obligation of Meridian under this warranty shall be limited to the repair or replacement of the Goods as originally supplied and in no event shall they exceed the original cost of the Goods supplied.
10. Meridian shall not have any obligation under any warranty herein until all accounts have been paid in full by the Purchaser.
11. The construction and interpretation of this Warranty shall be governed by the laws of the Province of Saskatchewan.

Warranty Claim Procedure

- 1. Purchaser must register the Goods with Meridian.
- 2. Purchaser must contact the dealer where the unit was purchased from upon discovery of any defects.
- 3. A completed warranty claim form must be submitted by the dealer to Meridian's warranty representative for review and any subsequent course of action.
- 4. Warranty repair work will only be performed by Meridian or an approved representative of Meridian. No warranty work completed prior to approval by Meridian will be honored. Failure to follow procedure may affect any or all of this warranty.
- 5. Claims will be adjudicated at the sole discretion of Meridian and in accordance with the terms and conditions of the limited warranty.

MERIDIAN MANUFACTURING INC.

With over 65 years of experience,
Meridian is your storage and handling expert.



AGRICULTURAL



INDUSTRIAL



OIL & GAS

Camrose Office

4232 - 38 St.
Camrose, AB T4V 4B2
PH: 780.672.4516
TF: 800.830.2467
FX: 780.672.4759

Lethbridge Office

3125 - 24 Ave. N.
Lethbridge, AB T1H 5G2
PH: 403.320.7070
TF: 800.661.1436
FX: 403.320.7579

Regina Office

PO Box 1996
Regina, SK S4P 3E1
PH: 306.545.4044
TF: 800.667.5904
FX: 306.545.4216

Storm Lake Office

2902 Expansion Blvd.
Storm Lake, IA 50588
PH: 712.732.1780
TF: 800.437.2334
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Winkler Office

Box 760, 275 Hespler Ave.
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