WESTFIELD

TRANSFER AUGER

8" & 10" TUBE MODELS
ASSEMBLY & OPERATION MANUAL

ORIGINAL INSTRUCTIONS

Read this manual before using product. Failure to follow instructions and safety precautions can result in serious injury, death, or property damage. Keep manual for future reference.

Part Number: 30952 R1
Revised: 17/8/15

AGI AG GROWTH INTERNATIONAL

This product has been designed and constructed according to general engineering standards[a]. Other local regulations may apply and must be followed by the operator. We strongly recommend that all personnel associated with this equipment be trained in the correct operational and safety procedures required for this product. Periodic reviews of this manual with all employees should be standard practice. For your convenience, we include this sign-off sheet so you can record your periodic reviews.

Date	Employee Signature	Employer Signature

a. Standards include organizations such as the American Society of Agricultural and Biological Engineers, American National Standards Institute, Canadian Standards Association, International Organization for Standardization, EN Standards, and/or others.

TABLE OF CONTENTS

1. Introduction 5
1.1. Intended Use 6

2. Safety 7
2.1. Safety Alert Symbol and Signal Words 7
2.2. Basic Operator Safety, Responsibilities, & Qualifications 7
2.3. Rotating Flighting 8
2.4. Rotating Parts Safety 8
2.5. Transport Safety 8
2.6. Work Area Safety 8
2.7. Equipment Stability 9
2.8. Drives and Lockout Safety 10
2.8.1. Electric Motor Safety 10
2.8.2. Gas Engine Safety 11
2.8.3. Hydraulic Drive Safety 11
2.9. Personal Protective Equipment 12
2.10. Safety Decals 12
2.10.1. Decal Installation/Replacement 13
2.10.2. Safety Decal Locations and Details 13

3. Assembly 17
3.1. Gas/Electric Drive Transfer Assembly 17
3.1.1. Completing Gas Drive Transfer Assembly 24
3.1.2. Completing Electric Drive Transfer Assembly 33
3.2. Hydraulic Drive Transfer Assembly 39
3.2.1. Completing 8” Hydraulic Model 45
3.2.2. Completing 10” Hydraulic Double Drive Model 46
3.2.3. Completing 10” Open Center Hydraulics ONLY 47
3.2.4. Closed Center Hydraulics ONLY 51

4. Operation 55
4.1. Operating Safety 55
4.2. Transport Procedure 55
4.3. Placement Procedure 55
4.4. Transfer Spout Handle 56
4.5. Start-up and Break-In 56
4.6. Operation - Electric Motor Models 56
4.7. Operation - Gas Engine Models 56
4.8. Operation - Hydraulic Drive Models 57
4.9. Emergency Shutdown / Full-Tube Restart 58
4.10. Shutdown 58
4.11. Storage 59

TABLE OF CONTENTS

5. Maintenance 61
5.1. Maintenance Safety 61
5.2. Maintenance Schedule 61
5.3. Fluids & Lubricants 62
5.4. Maintenance Procedures 62
5.4.1. Visual Inspection 62
5.4.2. Greasing 63
5.4.3. Clean Machine 63
5.4.4. Inspect Hydraulic Hose & Coupler 64
5.4.5. Service Engine 64
5.4.6. Check Gearbox Oil Levels (Gas Drives) 64
5.4.7. Changing Gearbox Oil (Gas Drives) 65
5.4.8. Drive Belt Tension, Alignment, and Replacement 65
5.4.9. Check/Change Oil in Gas Engine 67

6. Troubleshooting 69

7. Appendix 71
7.1. Mechanical Specifications 71

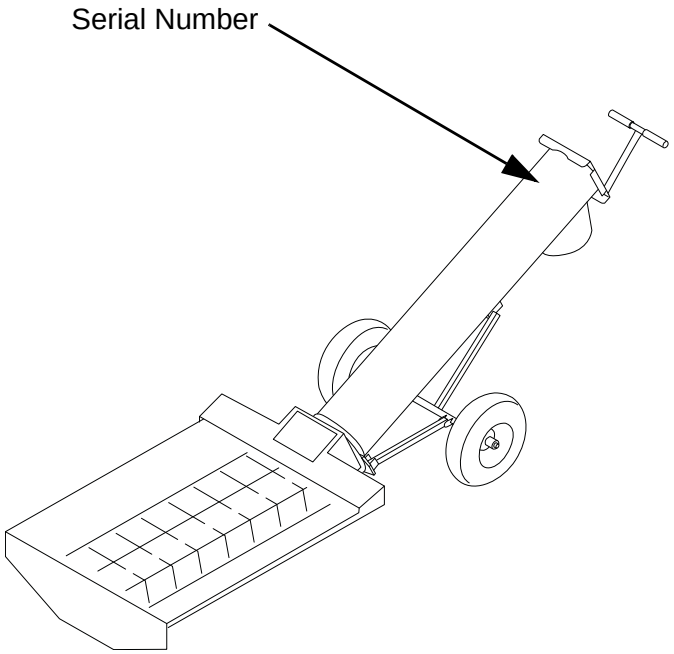
Warranty 73

1. Introduction

Thank you for purchasing Westfield Transfer Auger. This equipment will allow safe and efficient operation when you read and follow all of the instructions contained in this manual. With proper care, your Transfer Auger will provide you with many years of trouble-free operation.

Keep this manual handy for frequent reference and to review with new personnel. A sign-off form is provided on the inside front cover for your convenience. If any information in this manual is not understood or if you need additional information, please contact your local distributor or dealer for assistance.

This manual should be regarded as part of the equipment. Suppliers of both new and second-hand equipment are advised to retain documentary evidence that this manual was provided with the equipment.



Always give your dealer the serial number on your equipment (shown above) when ordering parts or requesting service or other information. Please record this information in the table below for easy reference.

Model Number	
Serial Number	
Date Received	

1.1. Intended Use

This equipment is designed solely for use in customary agricultural or similar operations. Use in any other way is considered as contrary to the intended use. Compliance with and strict adherence to the conditions of operation and maintenance as specified by the manufacturer, also constitute essential elements of the intended use.

This equipment should be operated, maintained, serviced, and repaired only by persons who are familiar with its particular characteristics and who are acquainted with the relevant safety procedures.

Accident prevention regulations and all other generally recognized regulations on safety and occupational medicine must be observed at all times.

Any modifications carried out to this equipment may relieve the manufacturer of liability for any resulting damage or injury.

Do not use the transfer auger for:

- moving material other than dry, free flowing grains

2. Safety

2.1. Safety Alert Symbol and Signal Words

This safety alert symbol indicates important safety messages in this manual. When you see this symbol, be alert to the possibility of injury or death, carefully read the message that follows, and inform others.

SIGNAL WORDS: Note the use of the signal words **DANGER**, **WARNING**, **CAUTION**, and **NOTICE** with the safety messages. The appropriate signal word for each message has been selected using the definitions below as a guideline.

Indicates an imminently hazardous situation that, if not avoided, will result in serious injury or death.

Indicates a hazardous situation that, if not avoided, could result in serious injury or death.

Indicates a hazardous situation that, if not avoided, may result in minor or moderate injury.

Indicates a potentially hazardous situation that, if not avoided, may result in property damage.

2.2. Basic Operator Safety, Responsibilities, & Qualifications

The safety information found throughout this complete Safety Section of the manual applies to all safety practices. Additional instructions specific to a certain safety practice (such as Operation Safety), can be found in the appropriate section.

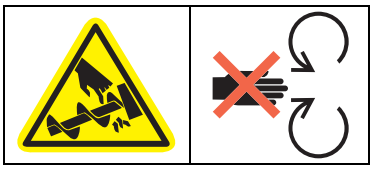
YOU are responsible for the **SAFE** use and maintenance of your equipment. **YOU** must ensure that you and anyone else who is going to work around the equipment understands all procedures and related **SAFETY** information contained in this manual.

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. All accidents can be avoided.

- It is the equipment owner, operator, and maintenance personnel's responsibility to read and understand **ALL** safety instructions, safety decals, and manuals and follow them when assembling, operating, or maintaining the equipment.
- Equipment owners must give instructions and review the information initially and annually with all personnel before allowing them to operate this product. Untrained users/operators expose themselves and bystanders to possible serious injury or death.
- This equipment is not intended to be used by children.
- Use this equipment for its intended purposes only.
- Do not modify the equipment in any way without written permission from the manufacturer. Unauthorized modification may impair the function and/or safety, and could affect the life of the equipment. Any unauthorized modification of the equipment will void the warranty.

2.3. Rotating Flighting

DANGER



- KEEP AWAY from rotating flighting.
- DO NOT remove or modify flighting guards, doors, or covers. Keep in good working order. Have replaced if damaged.
- DO NOT operate the equipment without all guards, doors, and covers in place.
- NEVER touch the flighting. Use a stick or other tool to remove an obstruction or clean out.
- Shut off and lock out power to adjust, service, or clean.

2.4. Rotating Parts Safety

WARNING

- Keep body, hair, and clothing away from rotating pulleys, belts, chains, and sprockets.
- Do not operate with any guard removed or modified. Keep guards in good working order.
- Shut off and remove key or lock out power source before inspecting or servicing machine.

2.5. Transport Safety

WARNING

Do not tow the transfer behind a vehicle, tires are not rated for highway transport.

2.6. Work Area Safety

WARNING

- Have another trained person nearby who can shut down the equipment in case of accident.
- The work area should be kept clear of bystanders.
- Keep the work area clean and free of debris.

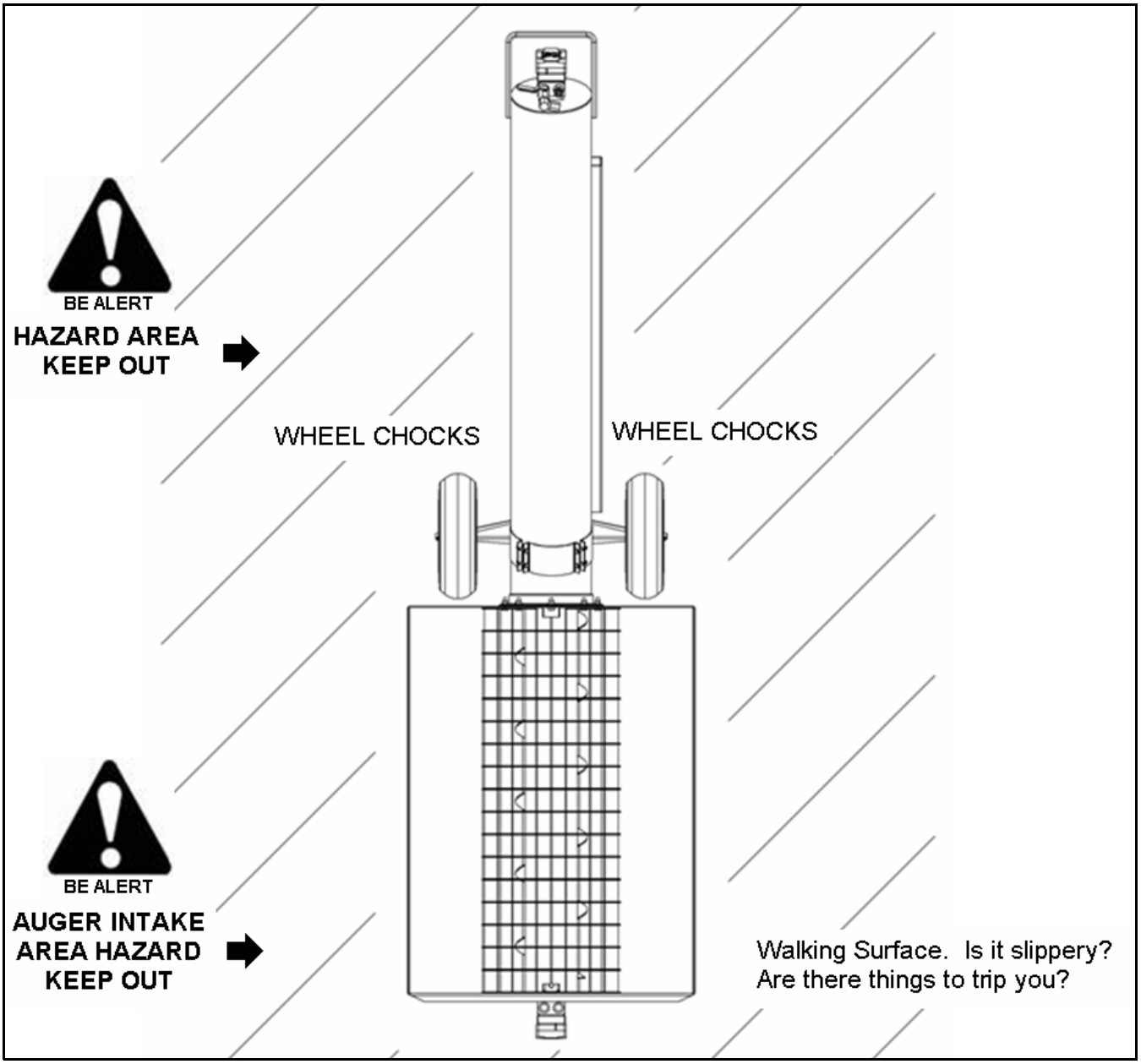


Figure 2.1 Work Area - Authorized Personnel Only

2.7. Equipment Stability

⚠ WARNING

- Transport and place equipment on reasonably level ground when raising, lowering, positioning, or operating.
- Chock wheels and anchor intake end after placement.

2.8. Drives and Lockout Safety

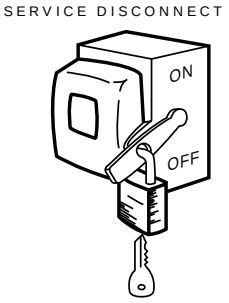
Inspect the power source (drive) before using and know how to shut down in an emergency. Whenever you service or adjust your equipment, make sure you shut down and lock out your power source to prevent inadvertent start-up and hazardous energy release. Know the procedure(s) that applies to your equipment from the following power sources.

2.8.1. Electric Motor Safety

⚠ WARNING

Power Source

- Electric motors and controls shall be installed and serviced by a qualified electrician and must meet all local codes and standards.
- A magnetic starter should be used to protect your motor.
- You must have a manual reset button.
- Reset and motor starting controls must be located so that the operator has full view of the entire operation.
- Locate main power disconnect switch within reach from ground level to permit ready access in case of an emergency.
- Motor must be properly grounded.
- Guards must be in place and secure.
- Ensure electrical wiring and cords remain in good condition; replace if necessary.
- Use a totally enclosed electric motor if operating in extremely dusty conditions.



Lockout

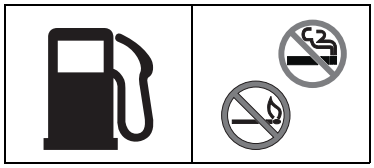
- The main power disconnect switch should be in the locked position during shutdown or whenever maintenance is performed.
- If reset is required, disconnect all power **before** resetting motor.

2.8.2. Gas Engine Safety

⚠ WARNING

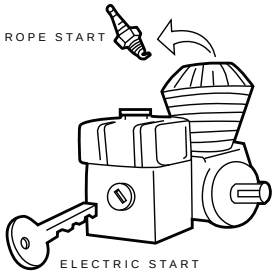
Power Source

- Keep guards in place and secure.
- Properly ventilate surrounding area.
- Never fill the fuel tank while smoking or near an open flame. Always shut down and allow engine to cool before filling with fuel.
- Never overfill the tank or spill fuel. If fuel is spilled, clean it up immediately.
- Be sure to use the correct type and grade of fuel.
- Ground the fuel funnel or nozzle against the filler neck to prevent sparks that could ignite fuel vapors.
- Be sure to replace the fuel fill cap when you are done.



Lockout

- For engines with an electric start, remove the ignition key, the spark plug wire, or the spark plug.
- For engines with a rope or crank start, remove the spark plug wire or the spark plug.



2.8.3. Hydraulic Drive Safety

⚠ WARNING

Power Source

- Refer to the rules and regulations applicable to the power source operating your hydraulic drive.
- Do not connect or disconnect hydraulic lines while system is under pressure.
- Keep all hydraulic lines away from moving parts.
- Escaping hydraulic fluid under pressure will cause serious injury if it penetrates the skin surface (serious infection or toxic reaction can develop). See a doctor immediately if injured.
- Use metal or wood as a backstop when searching for hydraulic leaks and wear proper hand and eye protection.
- Check all hydraulic components are tight and in good condition. Replace any worn, cut, abraded, flattened, or crimped hoses.
- Clean the connections before connecting to equipment.

- Do not attempt any makeshift repairs to the hydraulic fittings or hoses with tape, clamps, or adhesive. The hydraulic system operates under extremely high pressure; such repairs will fail suddenly and create a hazardous and unsafe condition.

Lockout

- Always place all hydraulic controls in neutral and relieve system pressure before disconnecting or working on hydraulic system.

2.9. Personal Protective Equipment

Safety Glasses

- Wear safety glasses at all times to protect eyes from debris.

Coveralls

- Wear coveralls to protect skin.

Hard Hat

- Wear a hard hat to help protect your head.

Steel-Toe Boots

- Wear steel-toe boots to protect feet from falling debris.

Work Gloves

- Wear work gloves to protect your hands from sharp and rough edges.

Dust Mask

- A dust mask may be needed to prevent breathing potentially harmful dust.

Safety Equipment

Fire Extinguisher

- Provide a fire extinguisher for use in case of an accident. Store in a highly visible and accessible place.

First-Aid Kit

- Have a properly-stocked first-aid kit available for use should the need arise, and know how to use it.

2.10. Safety Decals

- Keep safety decals clean and legible at all times.
- Replace safety decals that are missing or have become illegible. See decal location figures that follow.
- Replaced parts must display the same decal(s) as the original part.
- Replacement safety decals are available **free of charge** from your distributor, dealer, or factory.

2.10.1. Decal Installation/Replacement

1. Decal area must be clean and dry, with a temperature above 50°F (10°C).
2. Decide on the exact position before you remove the backing paper.
3. Align the decal over the specified area and carefully press the small portion with the exposed sticky backing in place.
4. Slowly peel back the remaining paper and carefully smooth the remaining portion of the decal in place.
5. Small air pockets can be pierced with a pin and smoothed out using the sign backing paper.

2.10.2. Safety Decal Locations and Details

Replicas of the safety decals that are attached to the equipment and their messages are shown in the figure(s) that follow. Safe operation of the equipment requires that you familiarize yourself with the various safety decals and the areas or particular functions that the decals apply to, as well as the safety precautions that must be taken to avoid serious injury, death, or damage.

Westfield reserves the right to update safety decals without notice. Safety decals may not be exactly as shown.

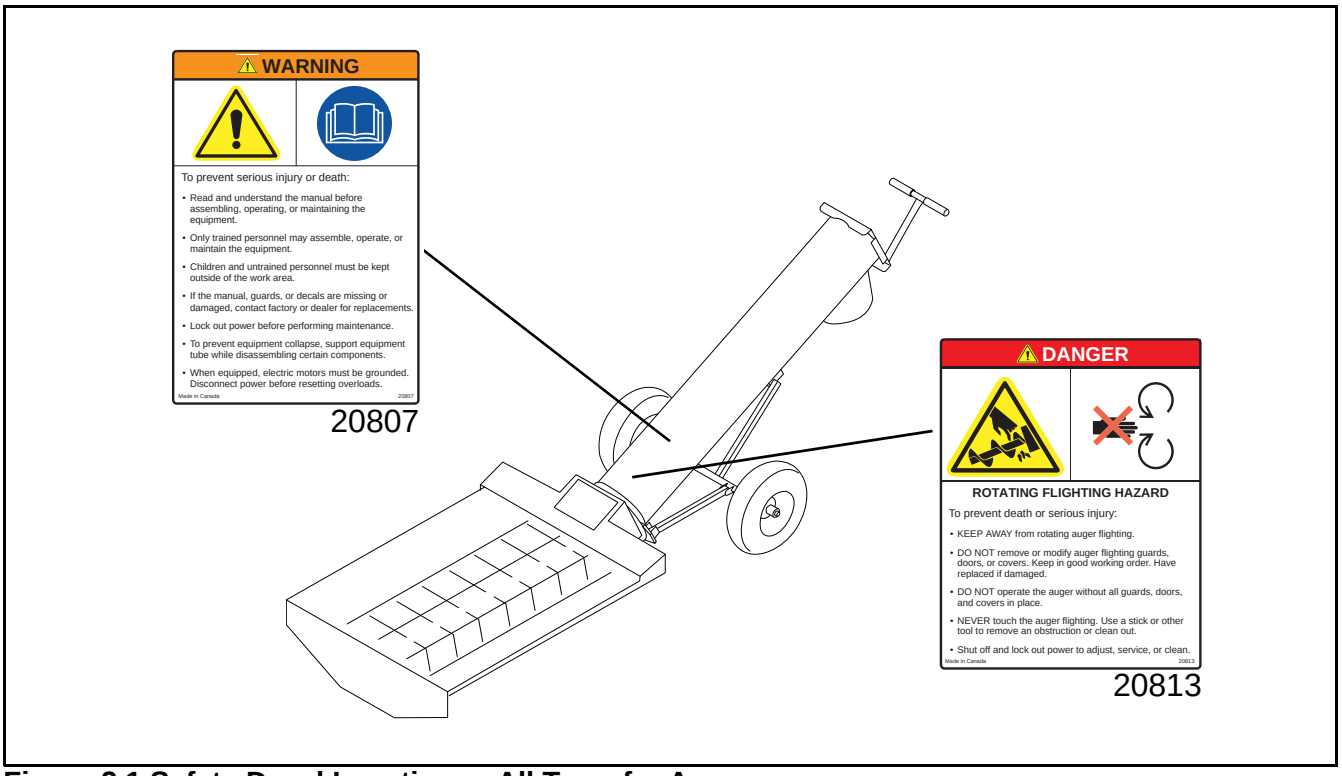


Figure 2.1 Safety Decal Locations - All Transfer Augers

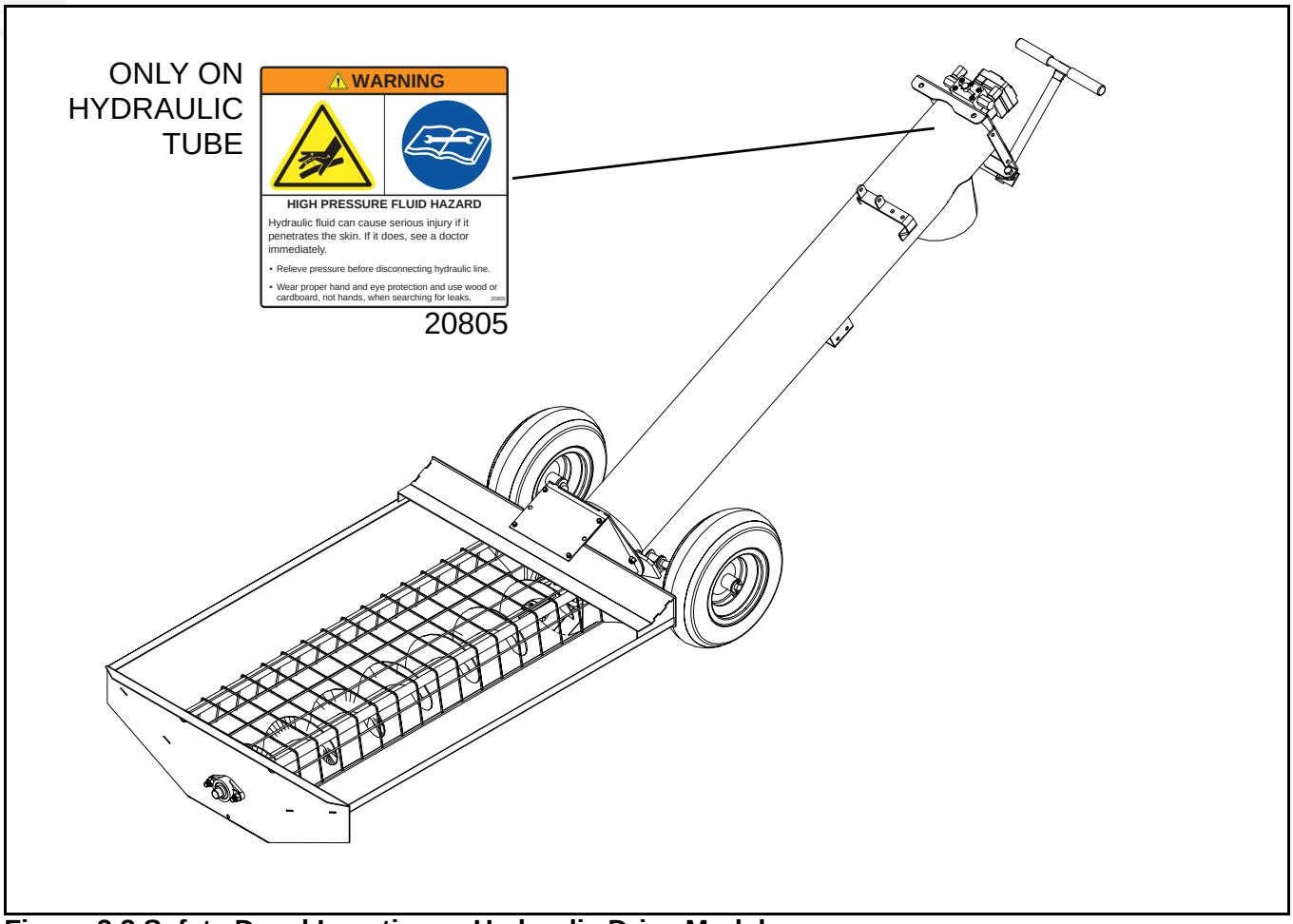


Figure 2.2 Safety Decal Locations - Hydraulic Drive Models

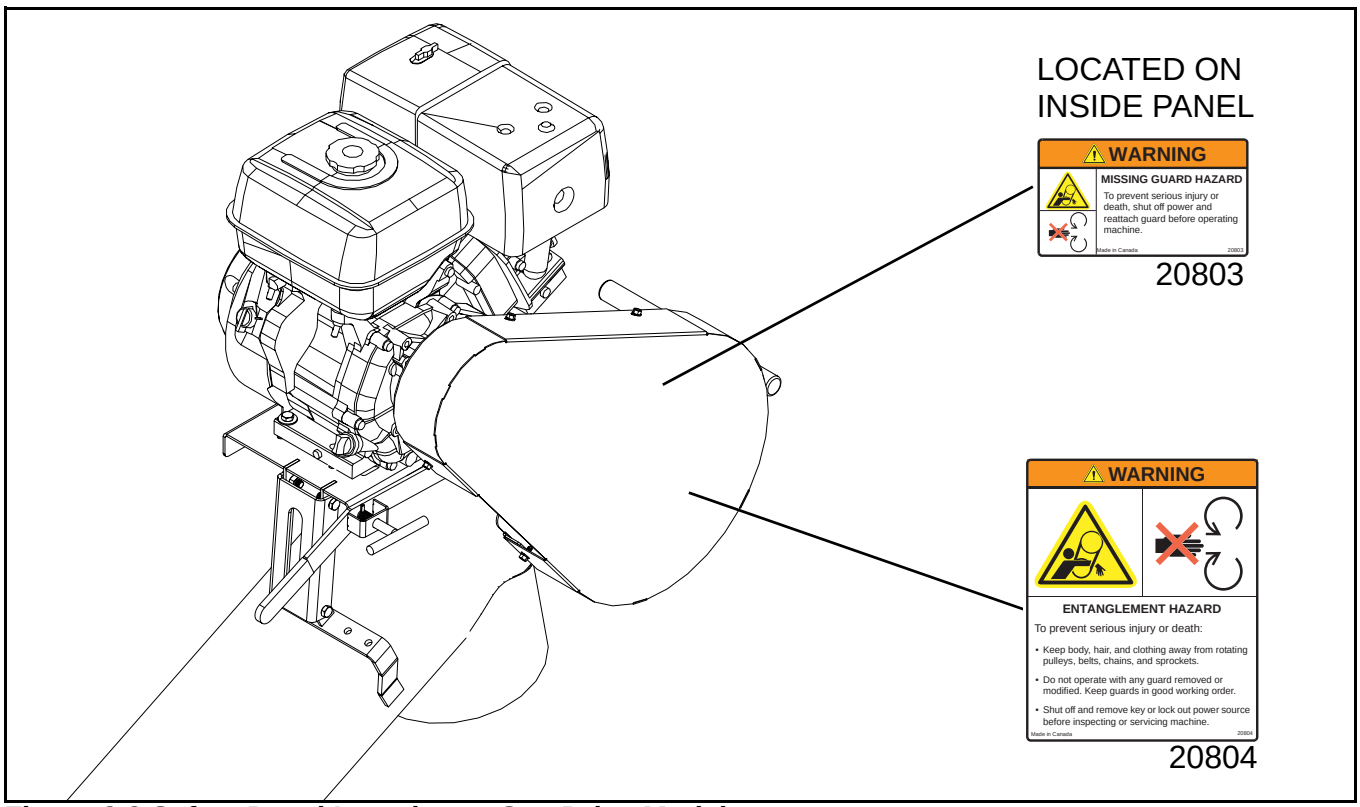


Figure 2.3 Safety Decal Locations - Gas Drive Models

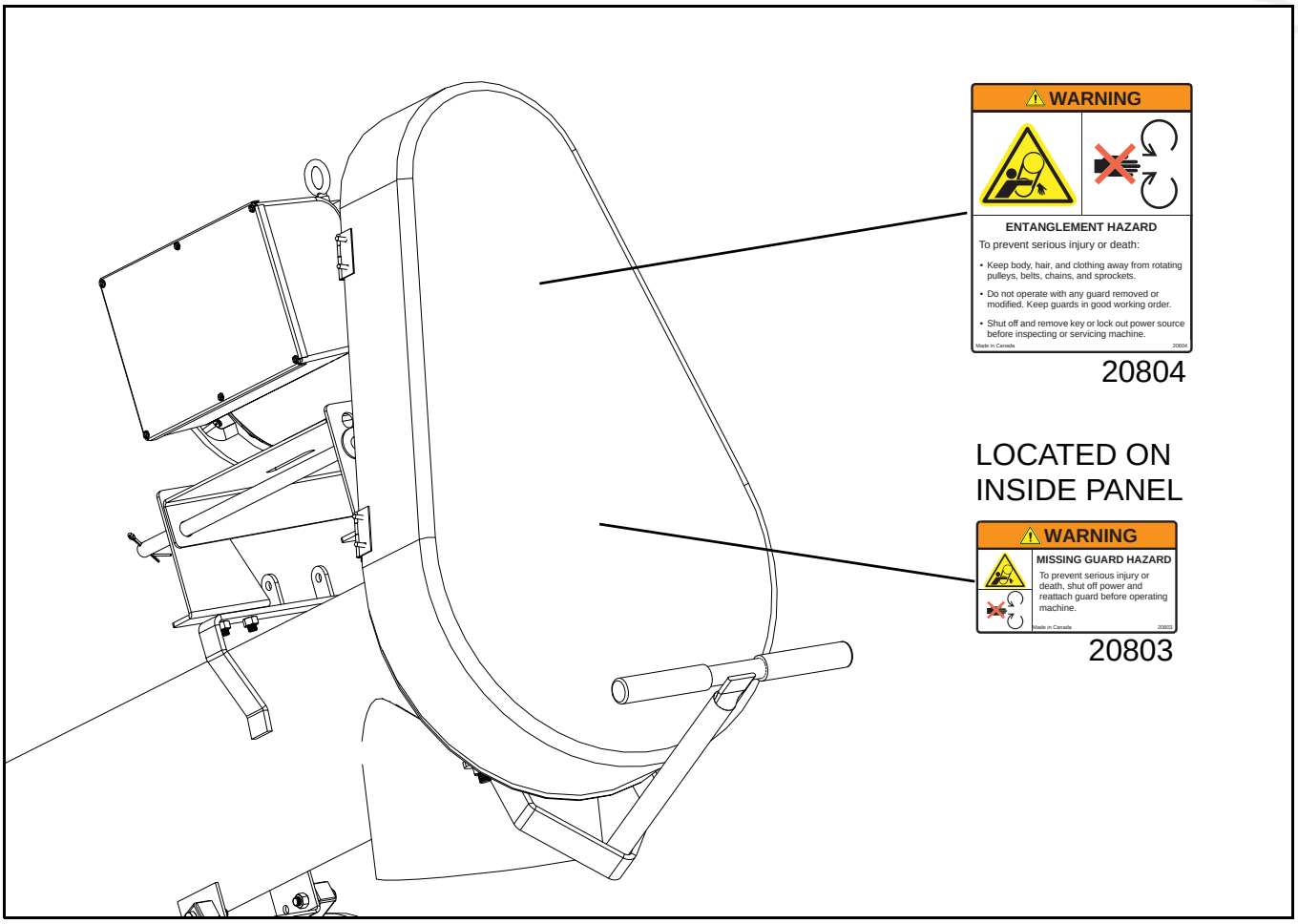


Figure 2.4 Safety Decal Locations - Electric Drive Models

3. Assembly

Before continuing, ensure you have completely read and understood this manual's Safety chapter, in addition to the safety information in the section(s) below.

3.1. Gas/Electric Drive Transfer Assembly

Note: Drive motor (gasoline or electric) and drive pulley are not provided. Use the specifications below in Table 3.1 or Table 3.2 to select the appropriate drive and pulley combination for your transfer auger.

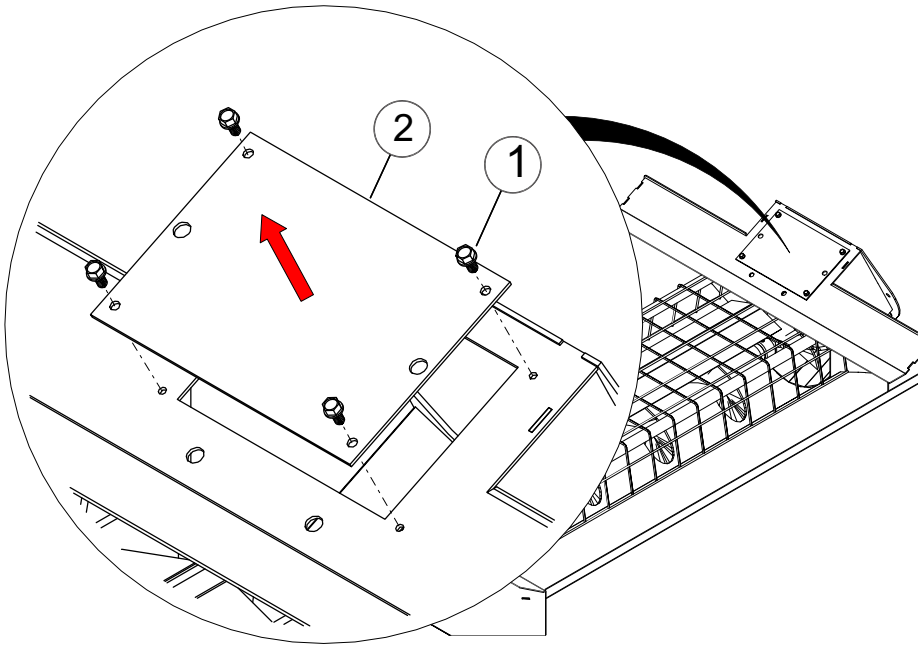
Table 3.1 Gas Drive Motor/Drive Specifications

AUGER SIZE	DESCRIPTION	QTY.
8"	5.5 HP GAS MOTOR	1
	3"-4" DRIVE PULLEY	1
10"	7.5 HP GAS MOTOR	1
	3"-4" DRIVE PULLEY	1

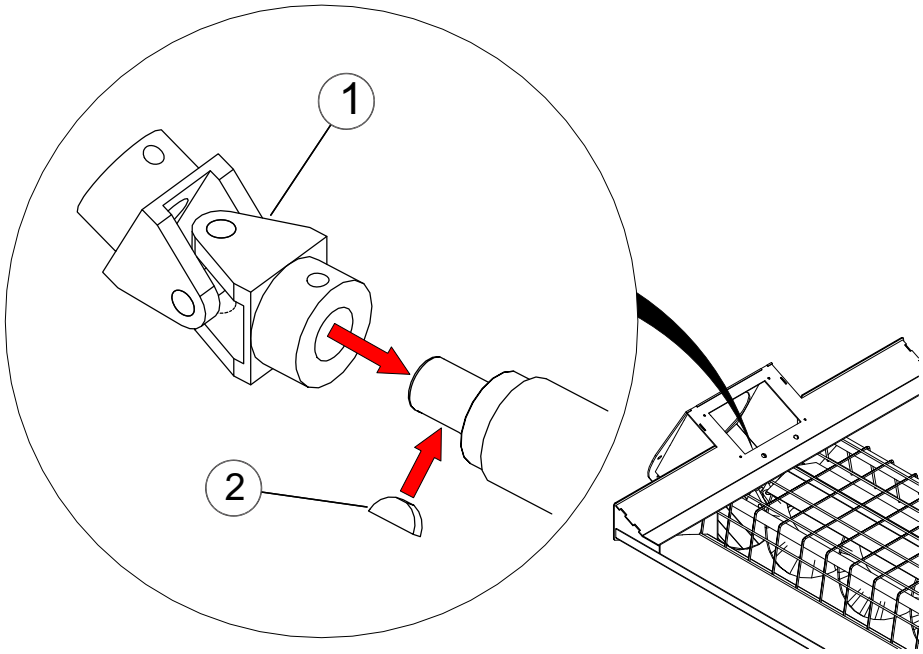
Table 3.2 Electric Drive Motor/Drive Specifications

AUGER SIZE	DESCRIPTION	QTY.
8"	3 HP ELECTRIC MOTOR	1
	3"-4" DRIVE PULLEY	1
10"	5 HP ELECTRIC MOTOR	1
	3"-4" DRIVE PULLEY	1

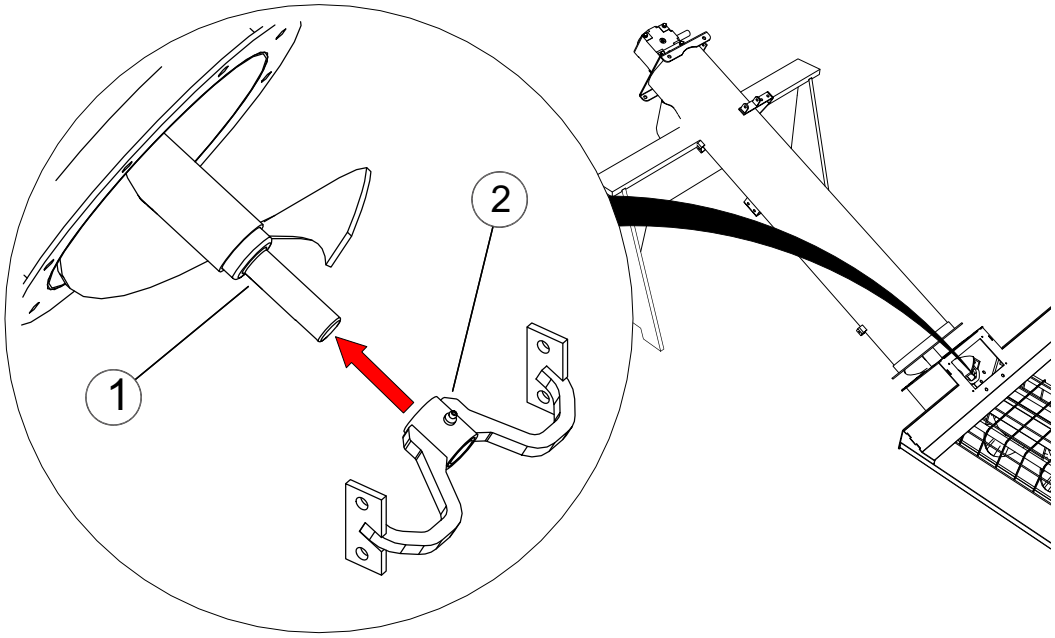
1	1	#14 X 5/8" SMS AB GR 5 PLTD	10-19274	4
	2	HOPPER ACCESS COVER PLATE, TA	10-22081	1



2	1	6R U-JOINT (1"RD X 1")(BLACK)	10-29175	1
	2	1/4" X 1" WOODRUFF KEY	10-19224	1



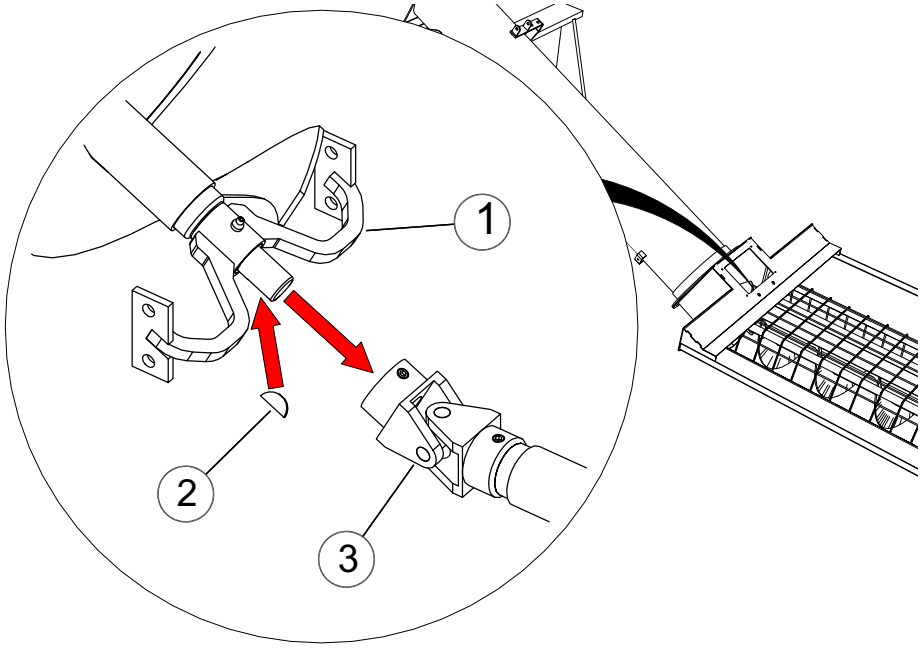
3	1	8" GAS TUBE BDL, TA	10-22075	1
		10" GAS TUBE BDL, TA	10-22067	
		8" ELEC TUBE BDL, TA	10-22076	
		10" ELEC TUBE BDL, TA	10-22070	
	2	8" SUPPORT BUSHING, TA	10-22091	1
		10" SUPPORT BUSHING, TA	10-22086	



Support bushing must be attached within hopper opening.
Note: Support tube with a sawhorse to aid in assembly.

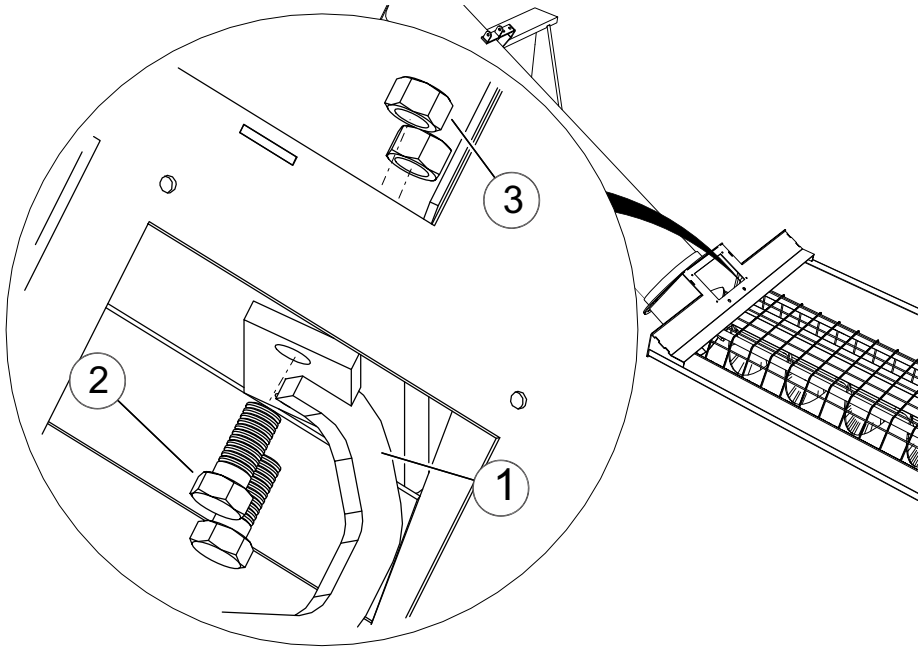
4

1	8" SUPPORT BUSHING, TA	10-22091	1
	10" SUPPORT BUSHING, TA	10-22086	
2	1/4" X 1" WOODRUFF KEY	10-19224	1
3	6R U-JOINT (1"RD X 1")(BLACK)	10-29175	1



5

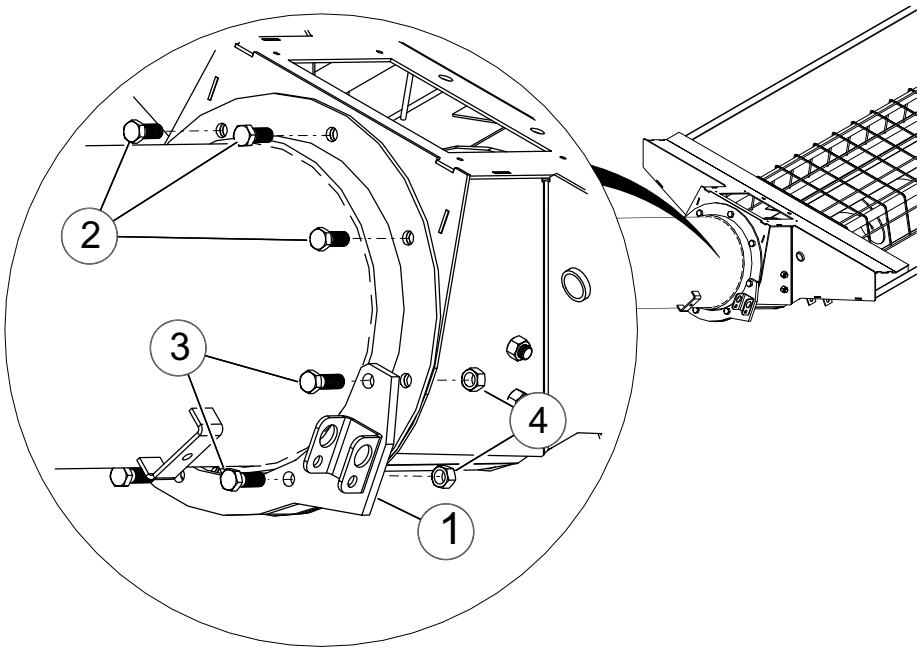
1	8" SUPPORT BUSHING, TA	10-22091	1
	10" SUPPORT BUSHING, TA	10-22086	
2	7/16" X 1" NC BOLT GR 5 PLTD	10-19542	4
3	7/16" NC NYLON LOCKNUT GR 5 YLW PLTD	10-17593	4



Note: Locknuts need to be attached outside of hopper.

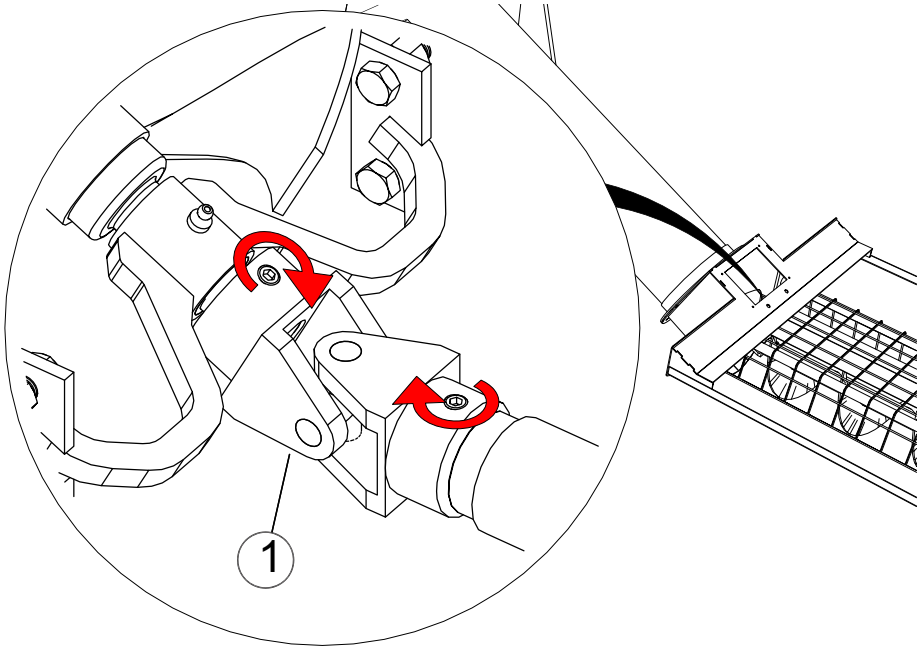
6

1	8" FRAME ATTACH, TA	10-22095	1
	10" FRAME ATTACH, TA	10-22099	
2	7/16" X 1" NC BOLT GR 5 PLTD	10-19542	3
3	7/16" X 1-1/4" NC BOLT GR 8 PLTD	10-18698	5
4	7/16" NC NYLON LOCKNUT GR 5 YLW PLTD	10-17593	8



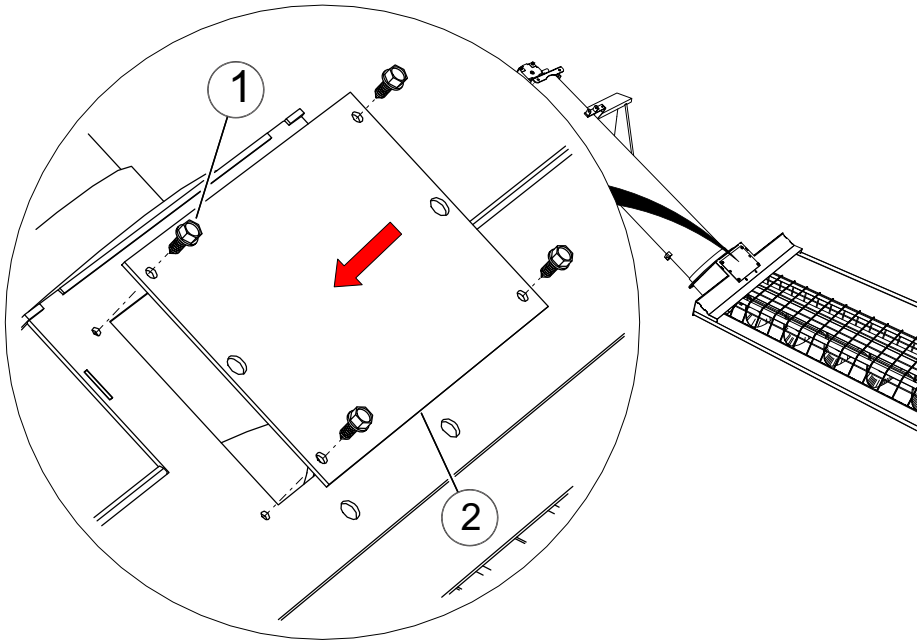
7

1	6R U-JOINT (1"RD X 1")(BLACK)	10-29175	1

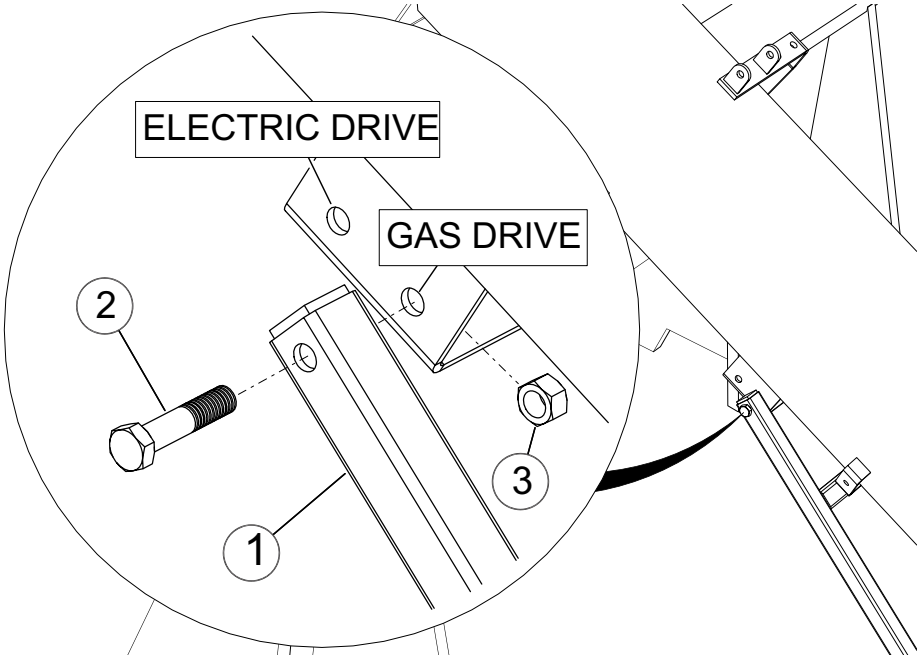


Tighten set screws.
Note: Before tightening set screws, spin the flighting to make sure there is no interference.

8	1	#14 X 5/8” SMS AB GR 5 PLTD	10-19274	4
	2	HOPPER ACCESS COVER PLATE, TA	10-22081	1

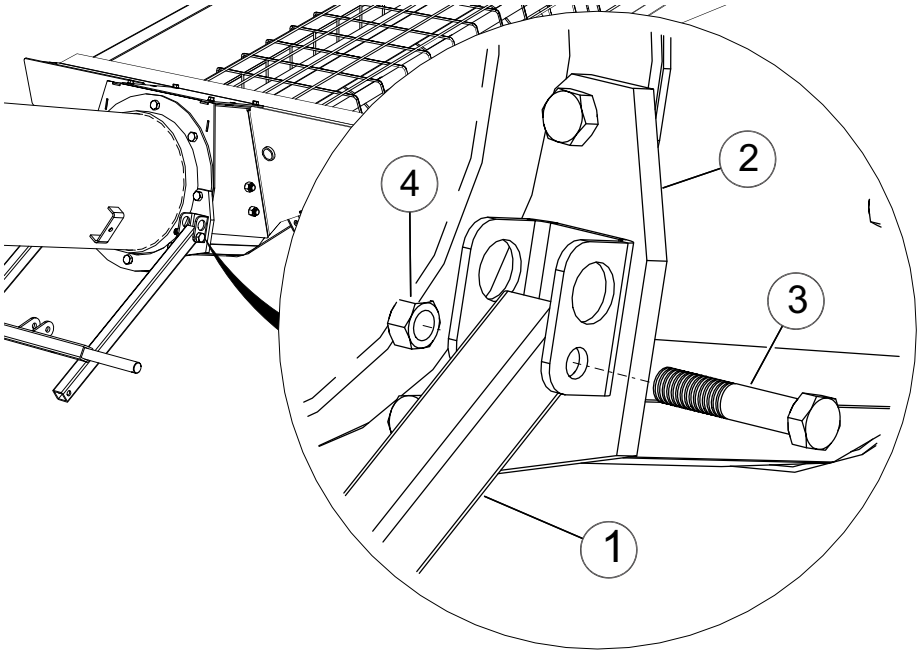


9	1	UPPER FRAME, GAS/ELEC TA	10-22098	1
	2	3/8" X 1-3/4" NC BOLT GR 5 PLTD	10-28450	2
	3	3/8" NC NYLON LOCKNUT PLTD	10-17402	2



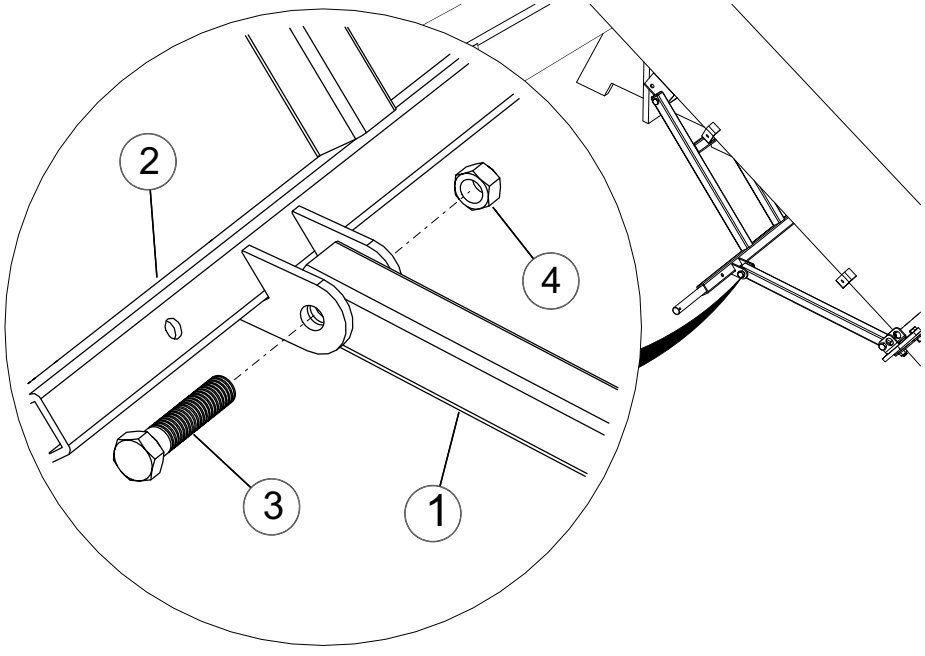
10

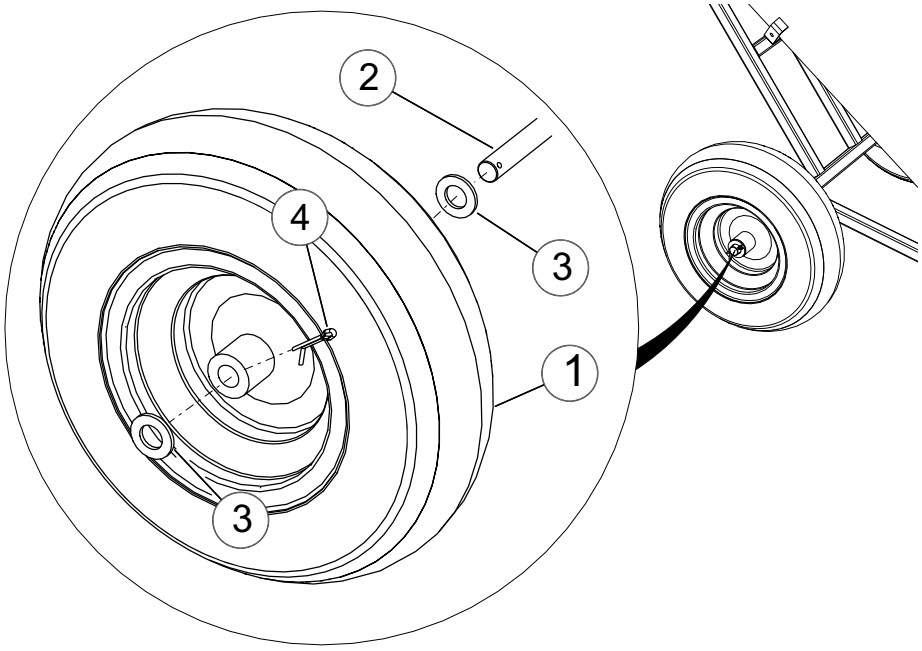
1	LOWER ARM TUBE, GAS TA	10-22100	2
	LOWER ARM TUBE, ELEC TA	10-22101	
2	8" FRAME ATTACH, TA	10-22095	1
	10" FRAME ATTACH, TA	10-22099	
3	3/8" X 2-1/4" NC BOLT GR 5 PLTD	10-28745	2
4	3/8" NC NYLON LOCKNUT PLTD	10-17402	2



11

1	LOWER ARM TUBE, GAS TA	10-22100	2
	LOWER ARM TUBE, ELEC TA	10-22101	
2	UPPER FRAME, GAS/ELEC TA	10-22098	1
3	3/8" X 2" NC BOLT GR 5 PLTD	10-27979	2
4	3/8" NC NYLON LOCKNUT PLTD	10-17402	2

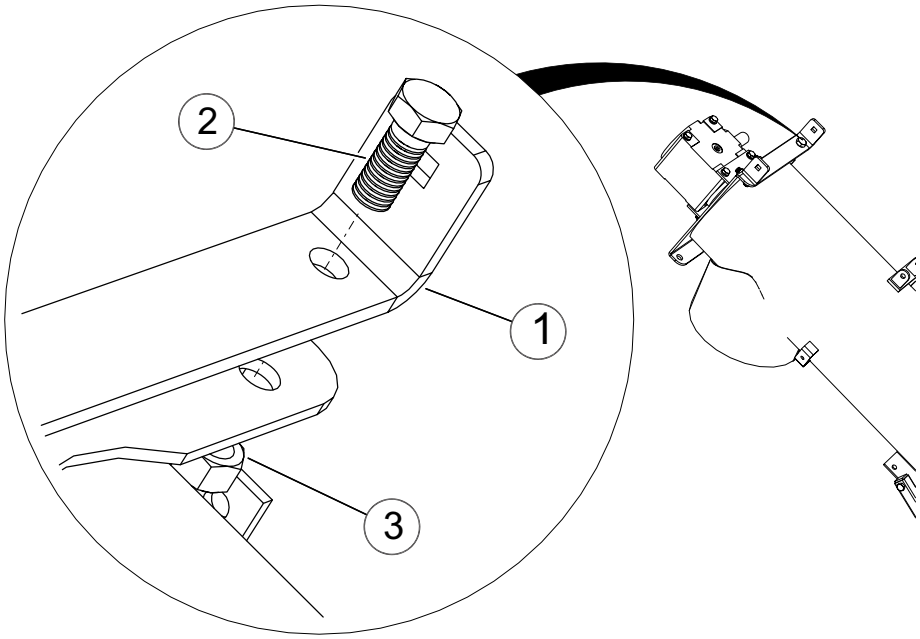


12	1	WHEEL & TIRE	10-28169	2
	2	UPPER FRAME, GAS/ELEC TA	10-22098	1
	3	3/4" FLAT WASHER	10-19979	4
	4	3/16" X 1-1/4" COTTER PIN	10-18155	2
				
13	To complete Gas Drive Transfer Assembly, go to Section 3.1.1. on page 24. To complete Electric Drive Transfer Assembly, go to Section 3.1.2. on page 33.			

3.1.1. Completing Gas Drive Transfer Assembly

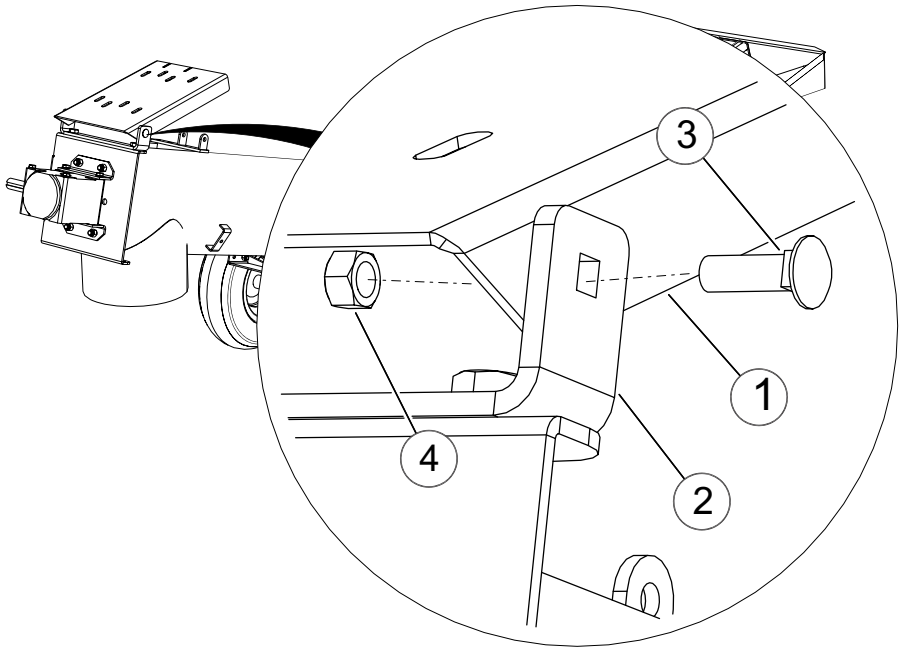
14

1	GAS MOTOR ATTACH PLATE, TA	10-22106	1
2	1/2" X 1-1/4" NC BOLT GR 5 PLTD	10-19588	2
3	1/2" NC NYLON LOCKNUT GR 2 PLTD	10-19599	2



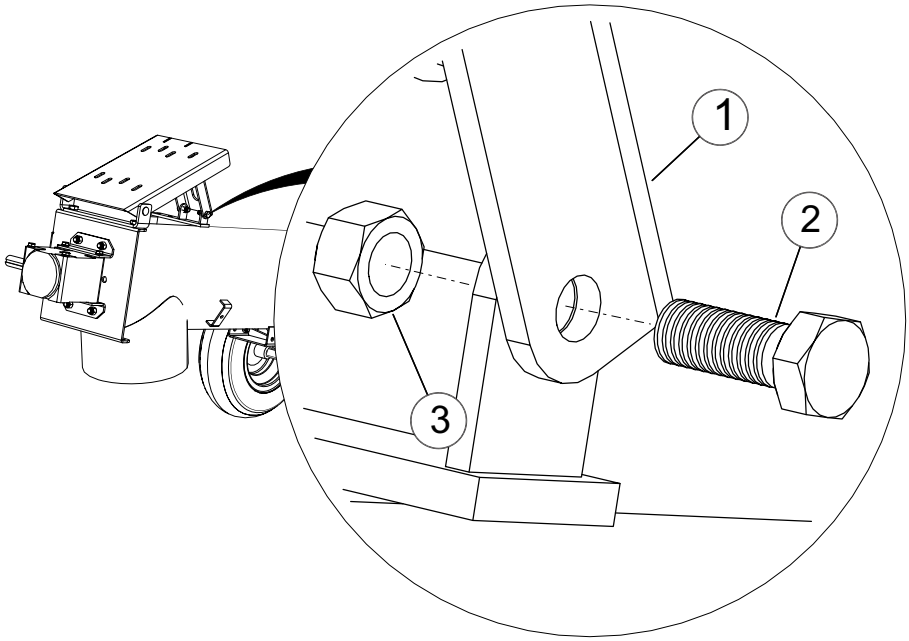
15

1	GAS MOTOR MOUNT, TA	10-22107	1
2	GAS MOTOR ATTACH PLATE, TA	10-22106	1
3	3/8" X 1" NC CARRIAGE BOLT GR 5 PLTD	10-27986	2
4	3/8" NC NYLON LOCKNUT PLTD	10-17402	2



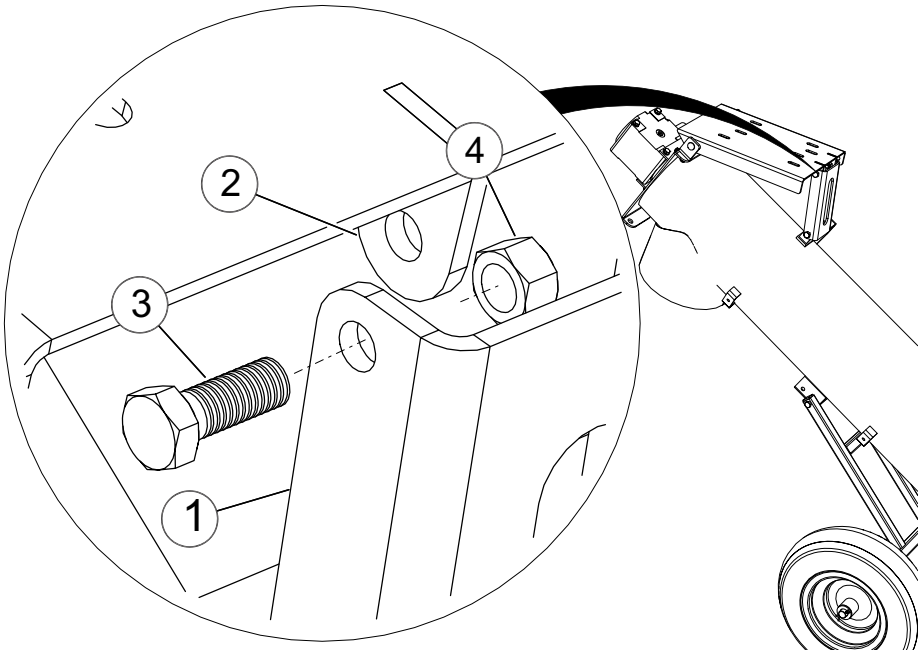
16

1	GAS MOTOR UPRIGHT, TA	10-22105	1
2	3/8" X 1" NC BOLT GR 5 PLTD	10-18955	2
3	3/8" NC NYLON LOCKNUT PLTD	10-17402	2



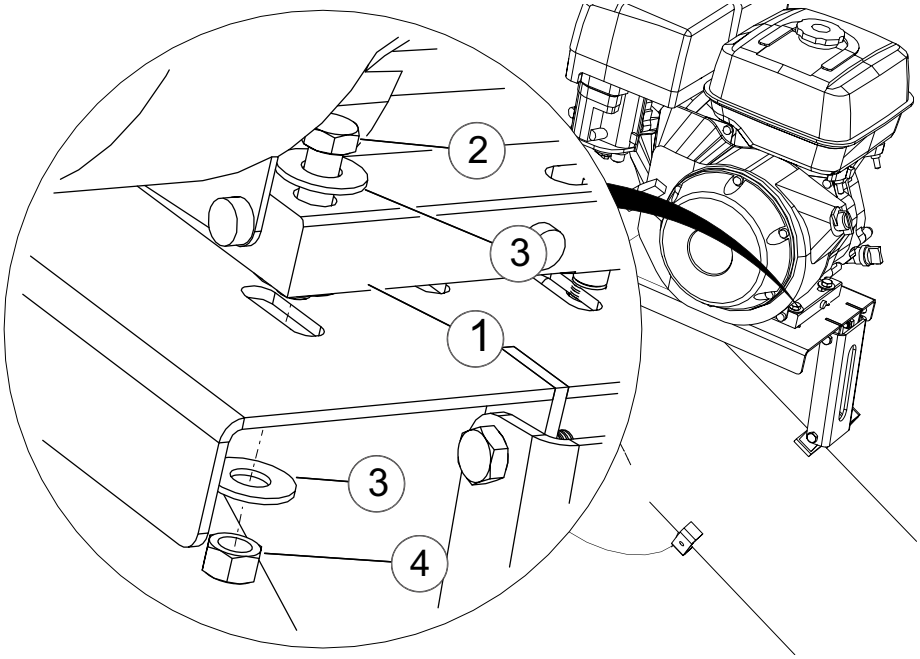
17

1	GAS MOTOR UPRIGHT, TA	10-22105	1
2	GAS MOTOR MOUNT, TA	10-22107	1
3	3/8" X 1" NC BOLT GR 5 PLTD	10-18955	2
4	3/8" NC NYLON LOCKNUT PLTD	10-17402	2



18

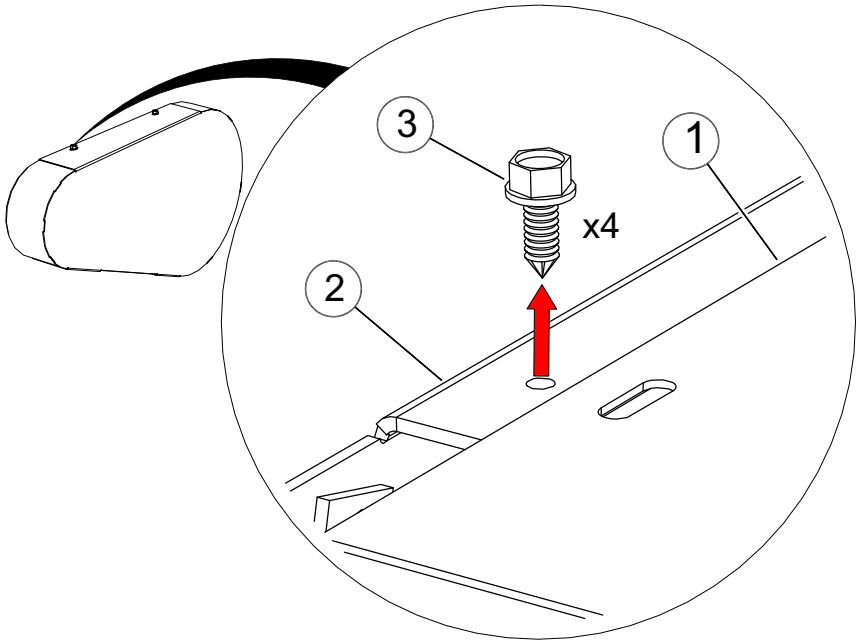
1	GAS MOTOR (NOT PROVIDED)		1
2	3/8" X 1-3/4" NC BOLT GR 5 PLTD	10-28450	4
3	3/8" FLAT WASHER	10-17392	8
4	3/8" NC NYLON LOCKNUT PLTD	10-17402	4



Do NOT tighten bolts until Step 27.

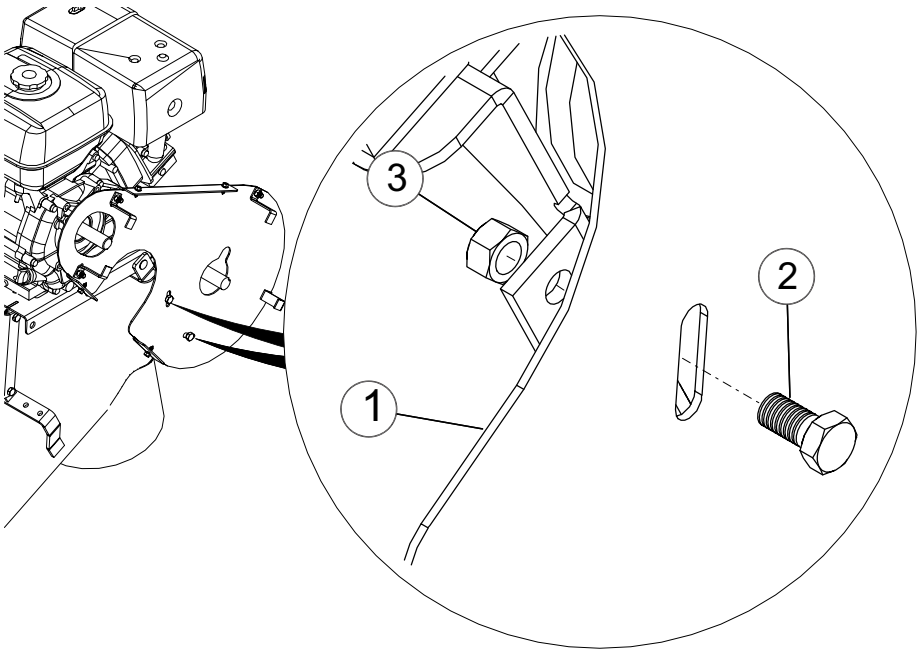
19

1	GUARD, GAS, TA	10-22113	1
2	GAS BACKPLATE GUARD, TA	10-22112	1
3	#14 X 5/8" SMS AB GR 5 PLTD	10-19274	4



20

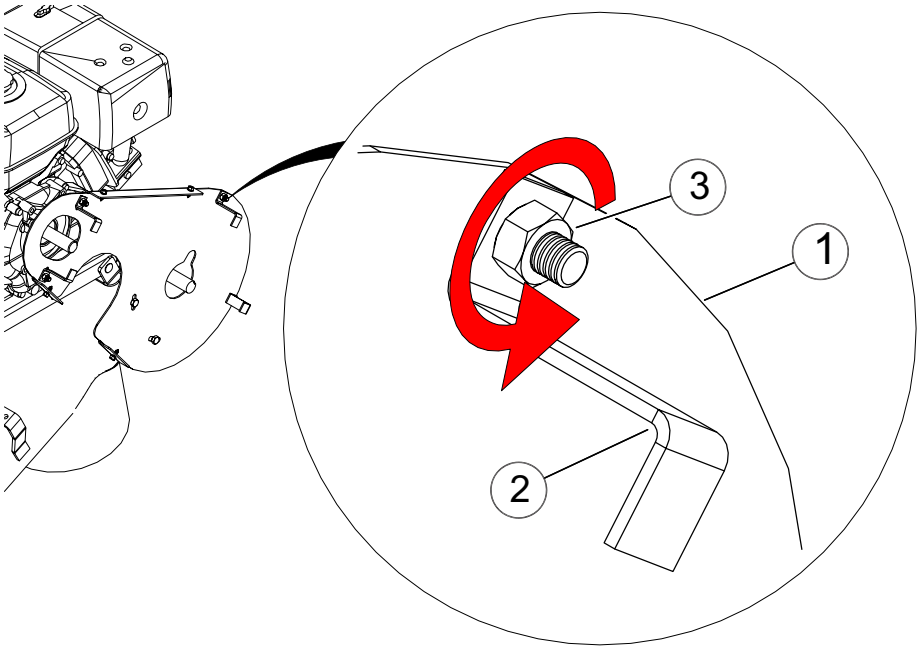
1	GAS BACKPLATE GUARD, TA	10-22112	1
2	3/8" X 3/4" NC BOLT GR 5 PLTD	10-19540	2
3	3/8" NC NYLON LOCKNUT PLTD	10-17402	2



Do NOT tighten bolts until Step 28.

21

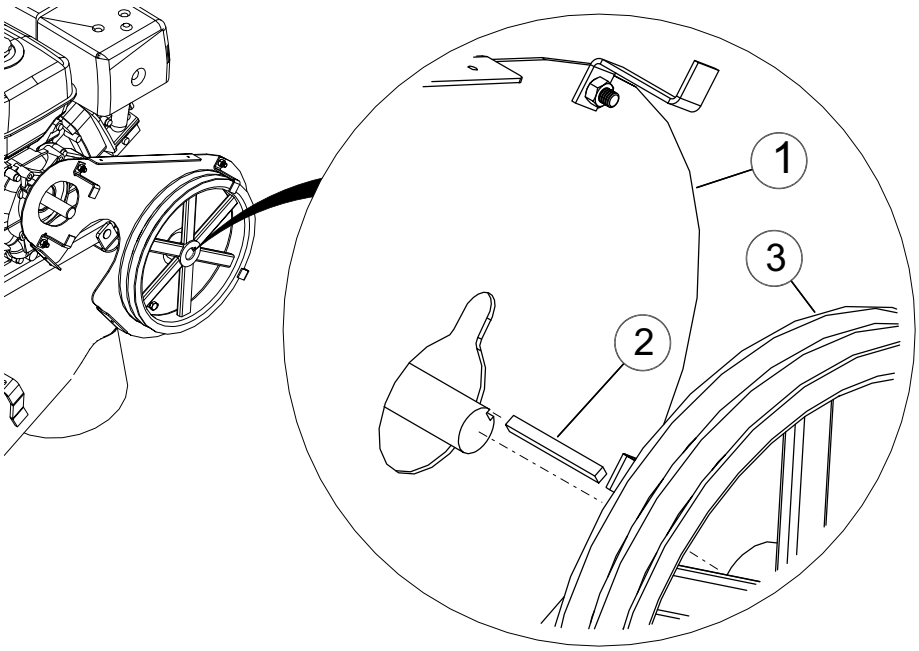
1	GAS BACKPLATE GUARD, TA	10-22112	1
2	RETAINER TAB, GAS BELT, TA	10-22114	4
3	5/16" NC NYLON LOCKNUT	10-19980	4



Loosen nuts on retainer tabs.

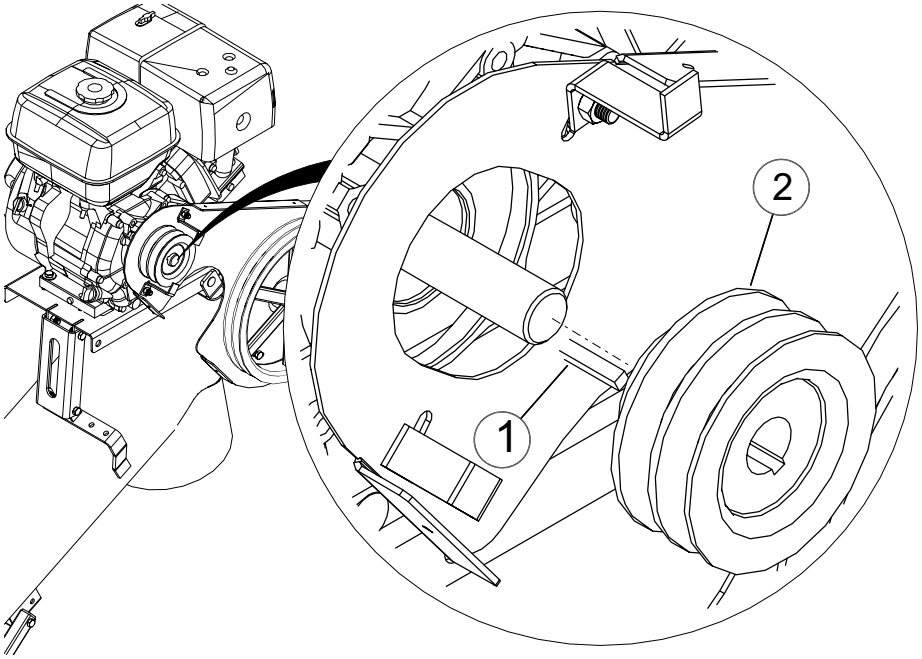
22

1	GAS BACKPLATE GUARD, TA	10-22112	1
2	BD KEY	10-17854	1
3	PULLEY, 13" X 1" DBL	10-19613	1

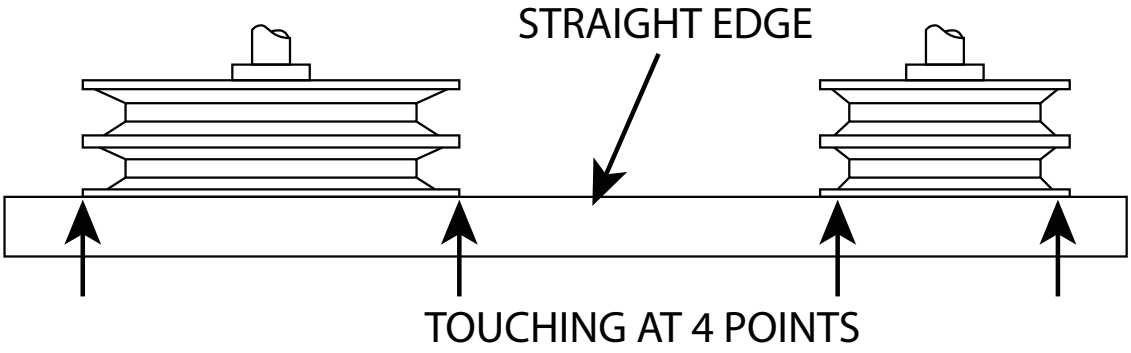


23

1	BD KEY	10-17854	1
2	3" - 4" DRIVE PULLEY (NOT PROVIDED)		1



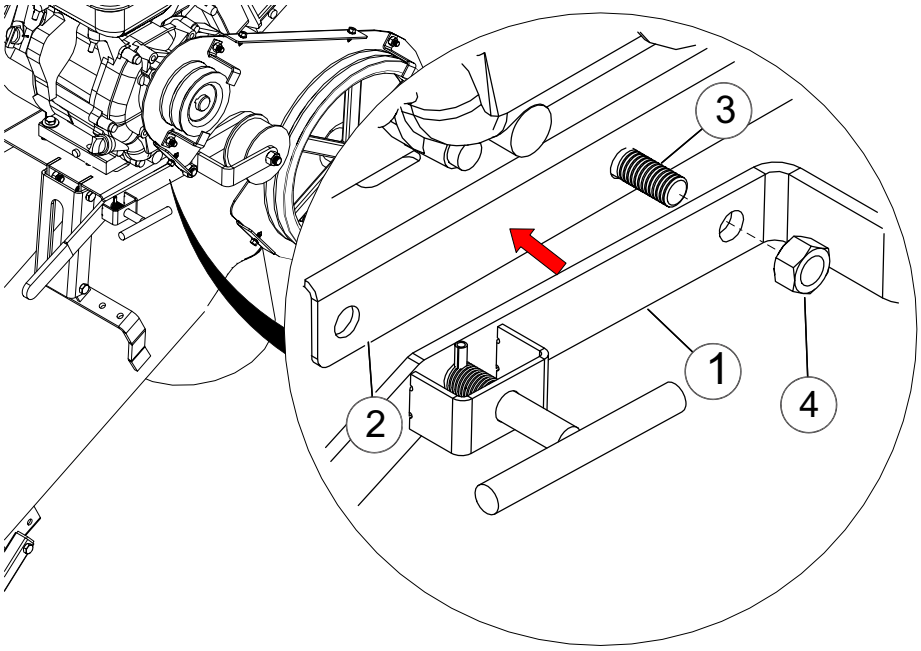
24



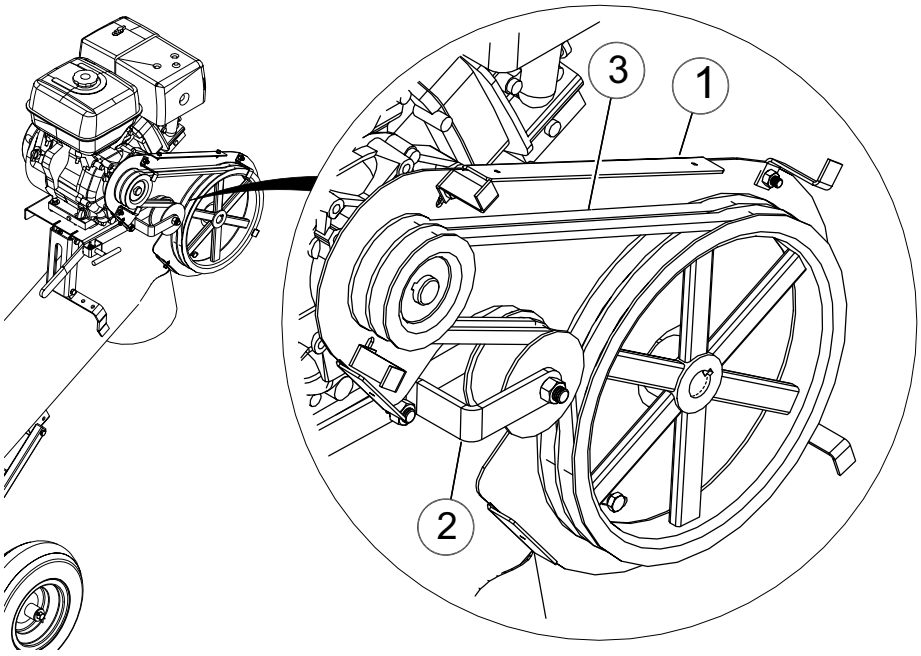
Use a straight edge to ensure that the pulleys are in line with each other. There should be 1/8” between the pulley and the guard backplate. Tighten pulley set screws.

25

1	GAS DRIVE TENSIONER LEVER, TA	10-22110	1
2	GAS MOTOR MOUNT, TA	10-22107	1
3	1/2" X 1-1/4" NC BOLT GR 5 PLTD	10-19588	1
4	1/2" NC NYLON LOCKNUT GR 2 PLTD	10-19599	1

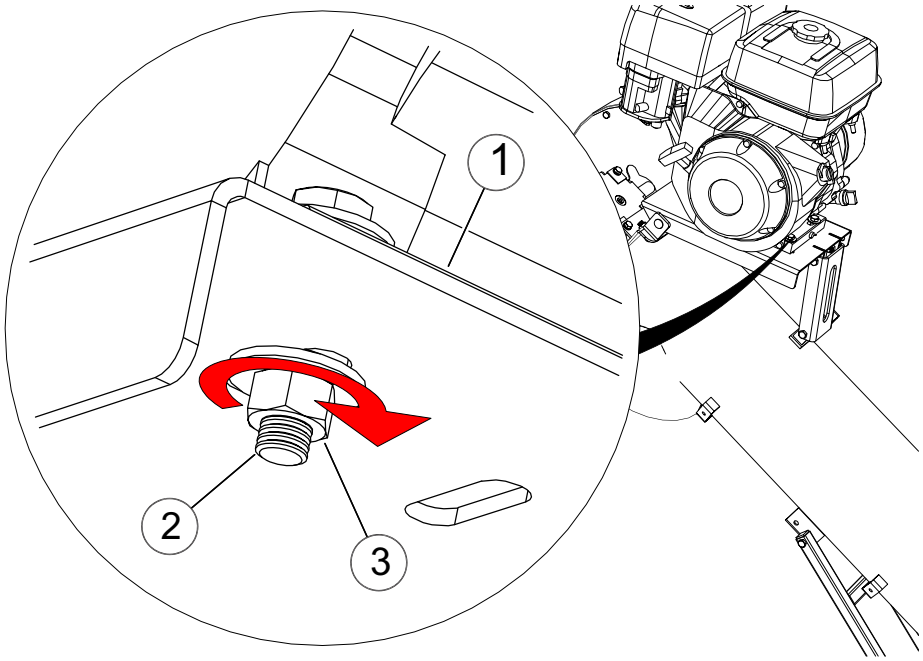


26	1	GAS BACKPLATE GUARD, TA	10-22112	1
	2	GAS DRIVE TENSIONER LEVER, TA	10-22110	1
	3	BELT, B58	10-22103	2



Install belts. The belts should deflect 1/2” to 3/4” when pushed on with a 5 lb force. If they do not deflect properly, lower tensioner lever to loosen belts, and adjust the position of the motor. Repeat this step until the belt tension is adequate.

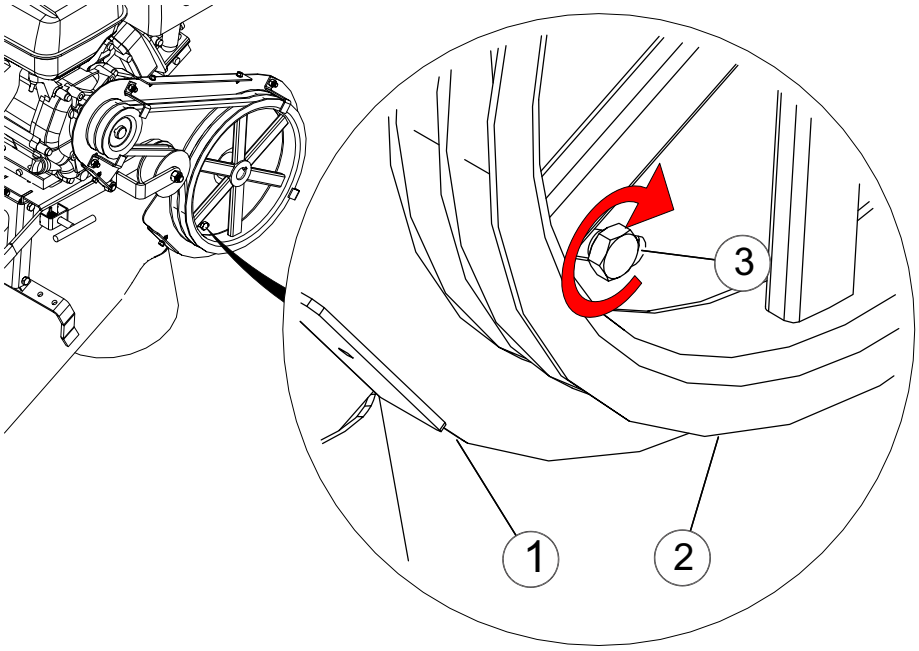
27	1	GAS MOTOR MOUNT, TA	10-22107	1
	2	3/8" X 1-3/4" NC BOLT GR 5 PLTD	10-28450	4
	3	3/8" NC NYLON LOCKNUT PLTD	10-17402	4



Tighten gas motor bolts.

28

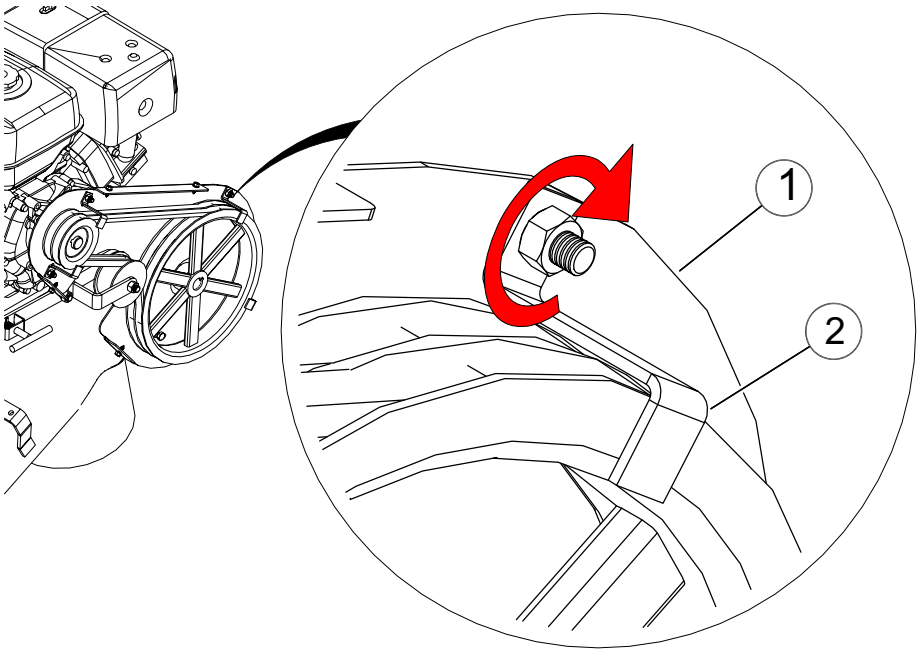
1	GAS BACKPLATE GUARD, TA	10-22112	1
2	PULLEY, 13" X 1" DBL	10-19613	1
3	3/8" X 3/4" NC BOLT GR 5 PLTD	10-19540	4



Align guard backplate with drive pulley, then tighten bolts.

29

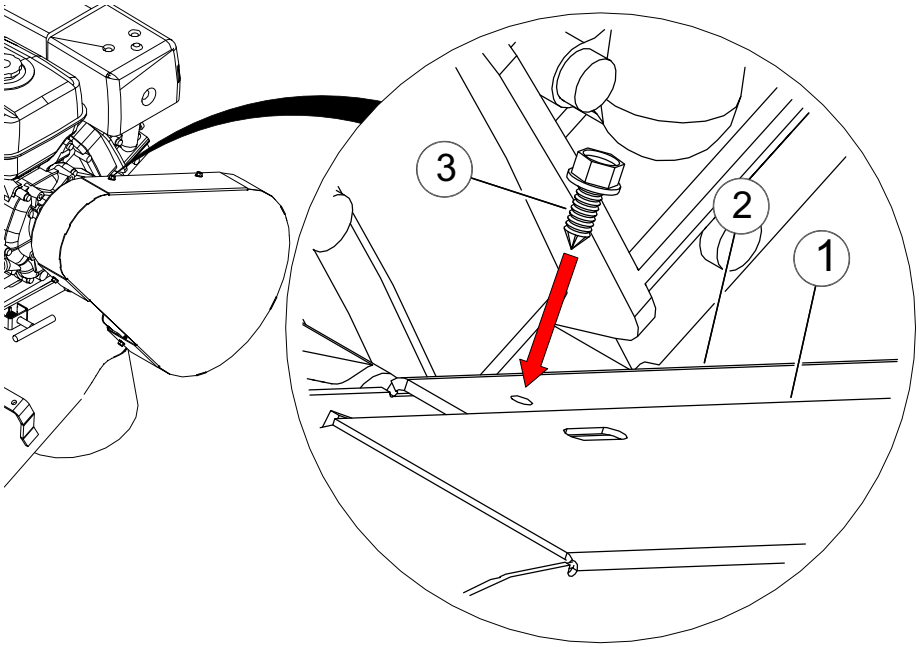
1	GAS BACKPLATE GUARD, TA	10-22112	1
2	RETAINER TAB, GAS BELT, TA	10-22114	4



With tensioner lever in full tensioned position, tighten retainer tab bolts. There should be 1/8” between the retainer tab and belt.

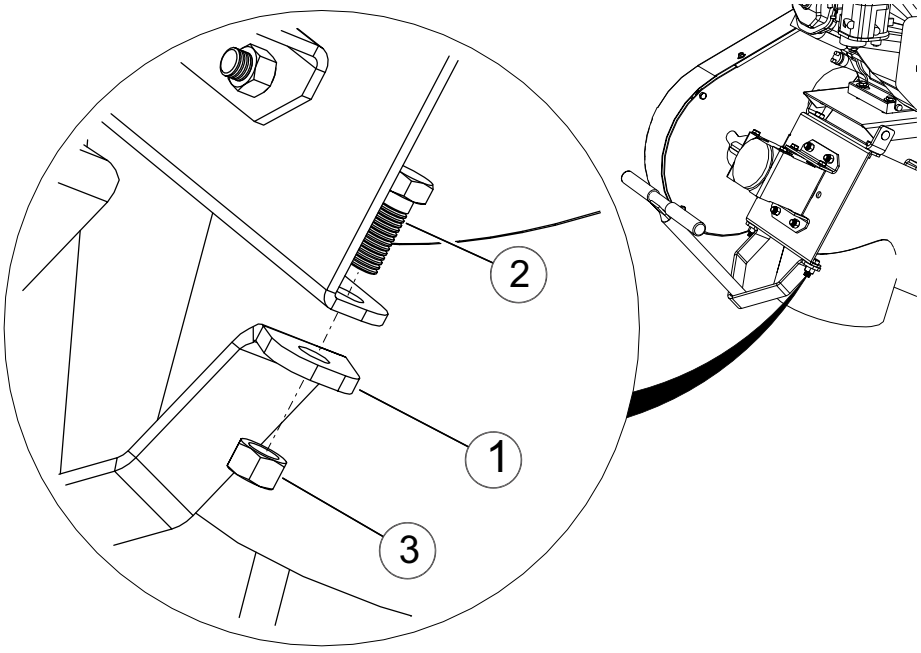
30

1	GUARD, GAS, TA	10-22113	1
2	GAS BACKPLATE GUARD, TA	10-22112	1
3	#14 X 5/8" SMS AB GR 5 PLTD	10-19274	4



31

1	HANDLE ASSEMBLY, TA	10-22096	1
2	1/2" X 1-1/4" NC BOLT GR 5 PLTD	10-19588	2
3	1/2" NC NYLON LOCKNUT GR 2 PLTD	10-19599	2



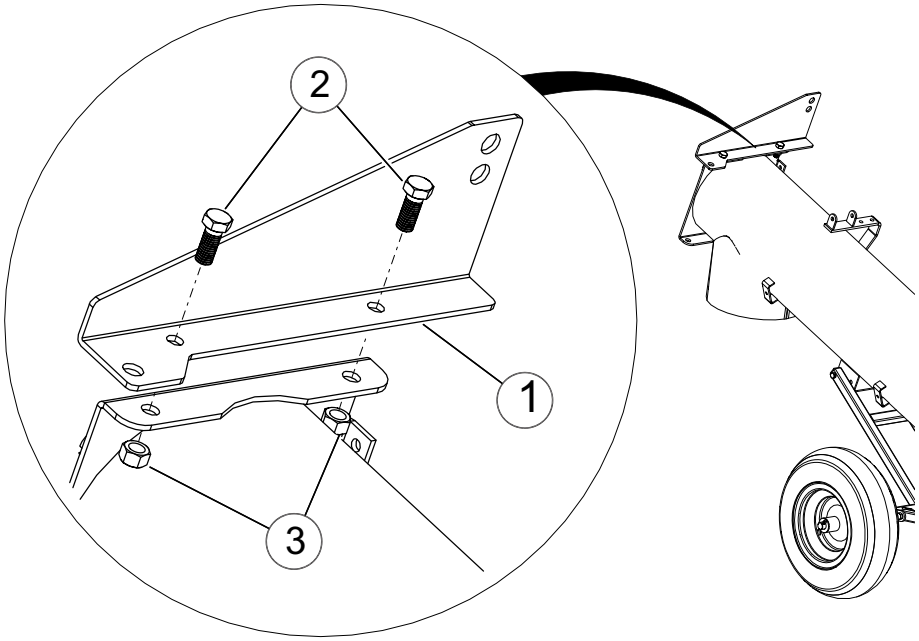
Note: The final rpm for the auger should be between 500-600. Example: for 3200 rpm, using a 3.5” motor pulley, 1:1.5 gearbox, 12.7” gearbox pulley, final rpm = 588.

$$\frac{3200rev}{1min} \times \frac{3.5in}{12.7in} \times \frac{1}{1.5} = 588rpm$$

3.1.2. Completing Electric Drive Transfer Assembly

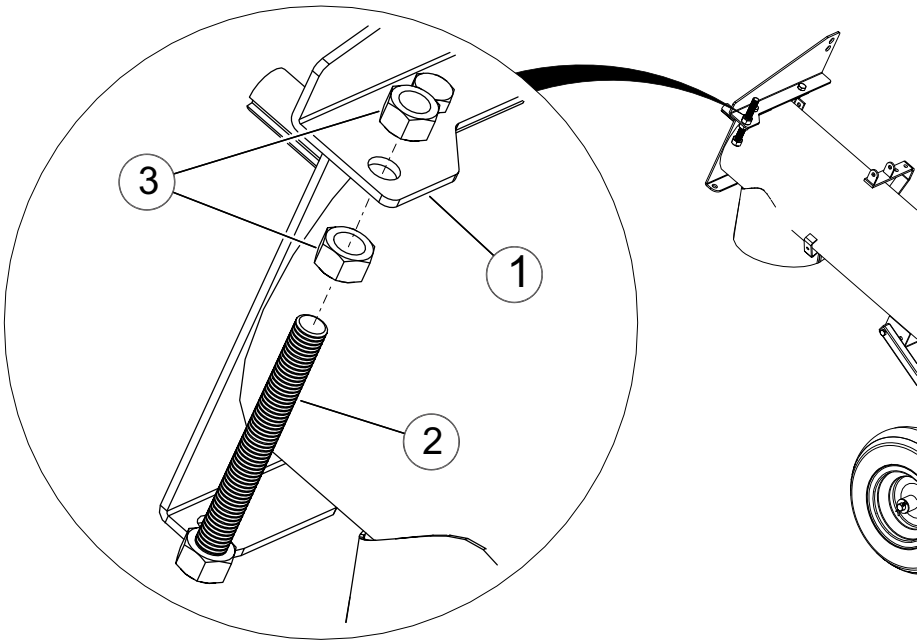
14

1	FRONT MOUNT PLATE, ELEC, TA	10-22115	1
2	1/2" X 1-1/4" NC BOLT GR 5 PLTD	10-19588	2
3	1/2" NC NYLON LOCKNUT GR 2 PLTD	10-19599	2



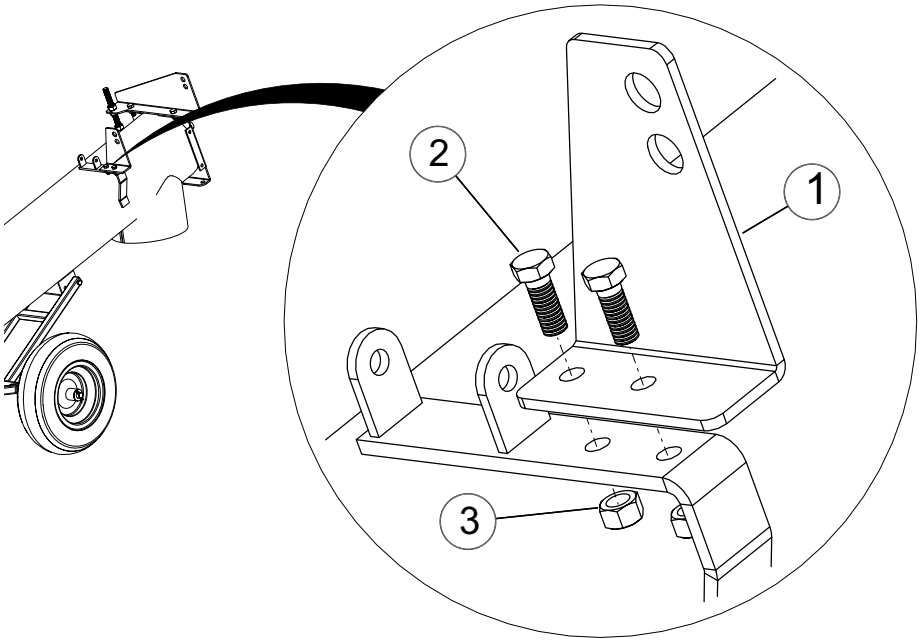
15

1	FRONT MOUNT PLATE, ELEC, TA	10-22115	1
2	WC1335 ADJUST BOLT	10-27249	1
3	5/8" NC HEX NUT PLTD	10-19864	2

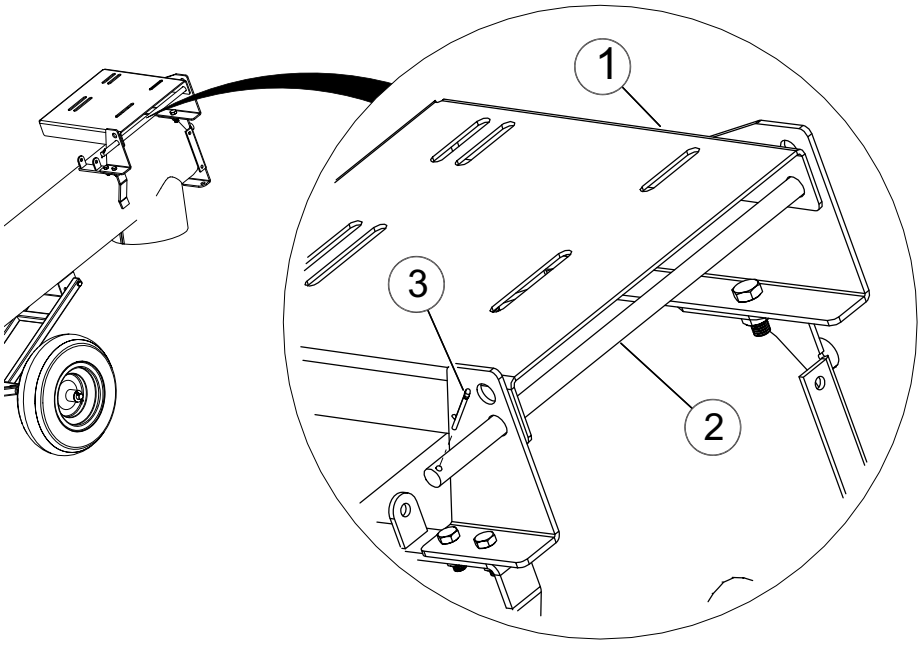


Leave adjust bolt loose for later adjustment.

16	1	10/13 REAR MOUNT PLATE	10-27466	1
	2	3/8" X 1" NC BOLT GR 5 PLTD	10-18955	2
	3	3/8" NC NYLON LOCKNUT PLTD	10-17402	2

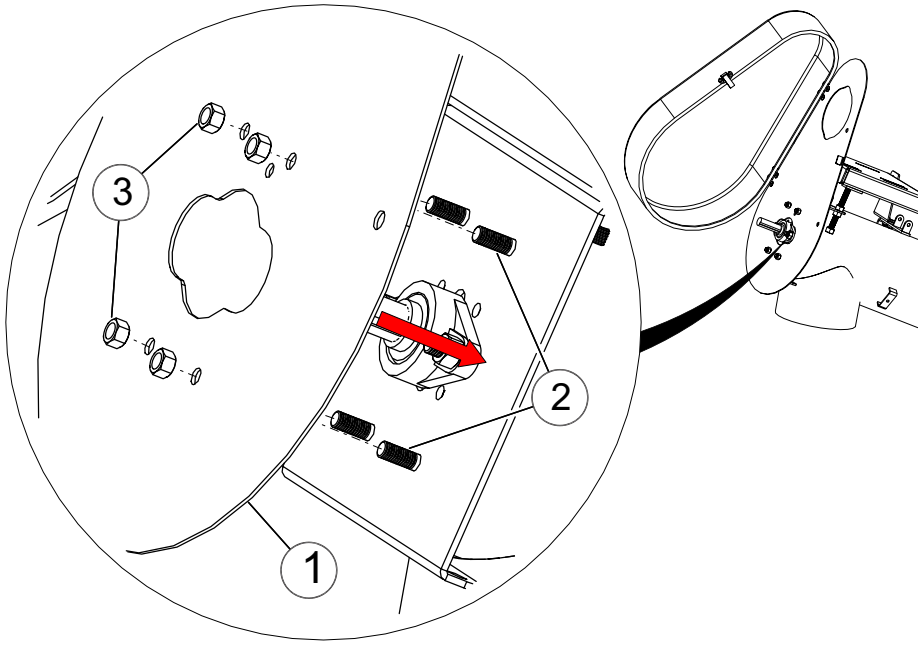


17	1	ELEC MOTOR MOUNT, TA	10-22116	1
	2	10/13 HINGE ROD	10-27468	1
	3	1/8" X 1-1/2" COTTER PIN	10-19271	1



18

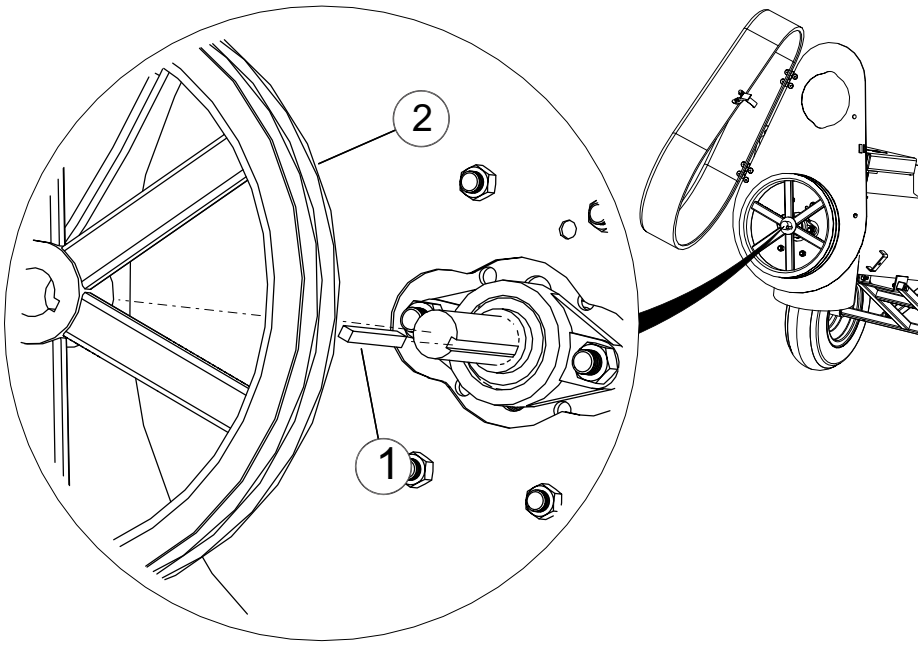
1	GUARD ASSY, ELECTRIC DRIVE, TA	10-22117	1
2	7/16" X 1-1/4” NC BOLT GR8 PLTD	10-18698	4
3	7/16" NC NYLON LOCKNUT GR 5 YLW PLTD	10-17593	4



Note: Punch out bolt holes in tube head plate with a hammer.

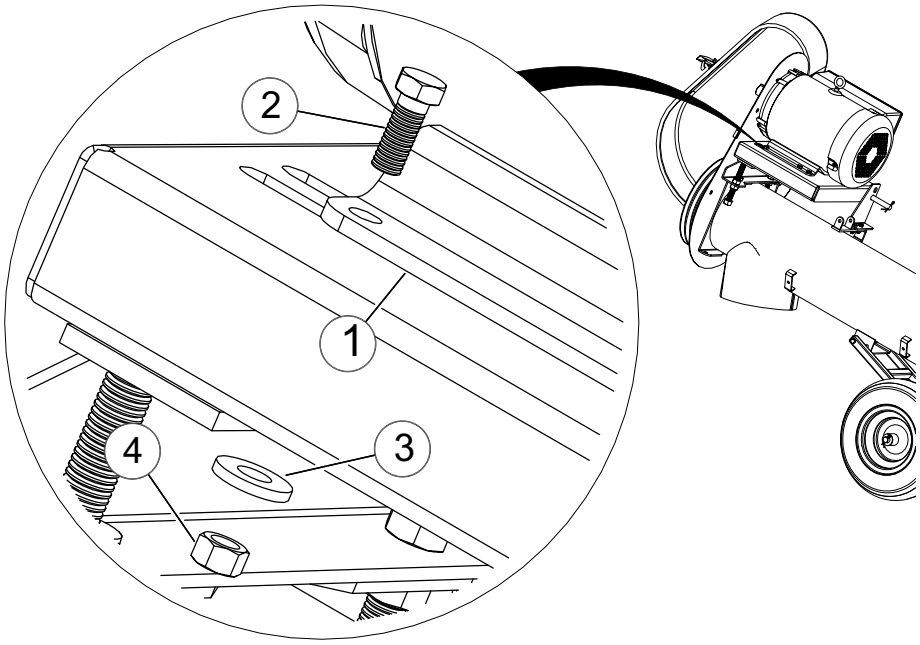
19

1	BD KEY	10-17854	1
2	PULLEY, 13" X 1" DBL	10-19613	1



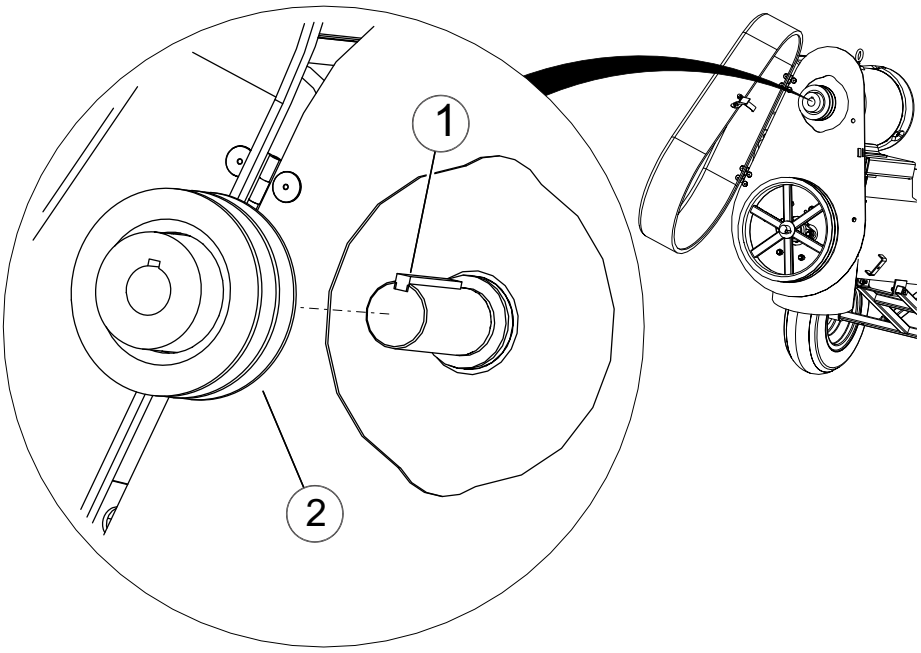
20

1	ELECTRIC MOTOR (NOT PROVIDED)		1
2	3/8" X 1" NC BOLT GR 5 PLTD	10-18955	6
3	3/8" FLAT WASHER	10-17392	6
4	3/8" NC NYLON LOCKNUT PLTD	10-17402	6

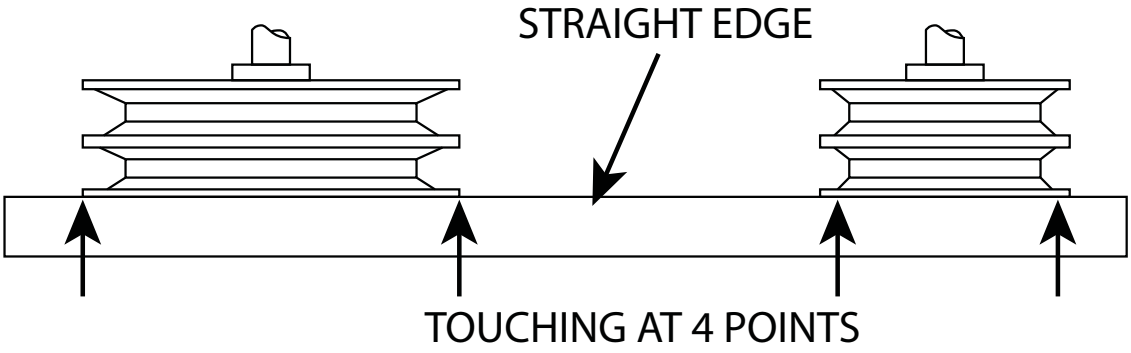


21

1	BD KEY	10-17854	1
2	3" - 4" DRIVE PULLEY (NOT PROVIDED)		1



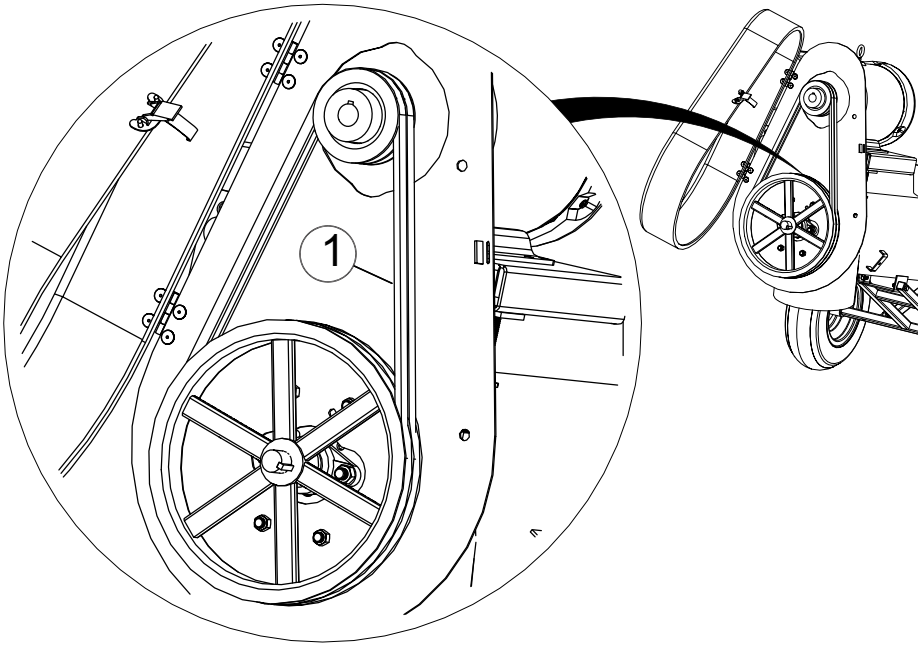
22



Use a straight edge to ensure that the pulleys are in line with each other. There should be 1/8” between the pulley and the guard backplate. Tighten pulley set screws.

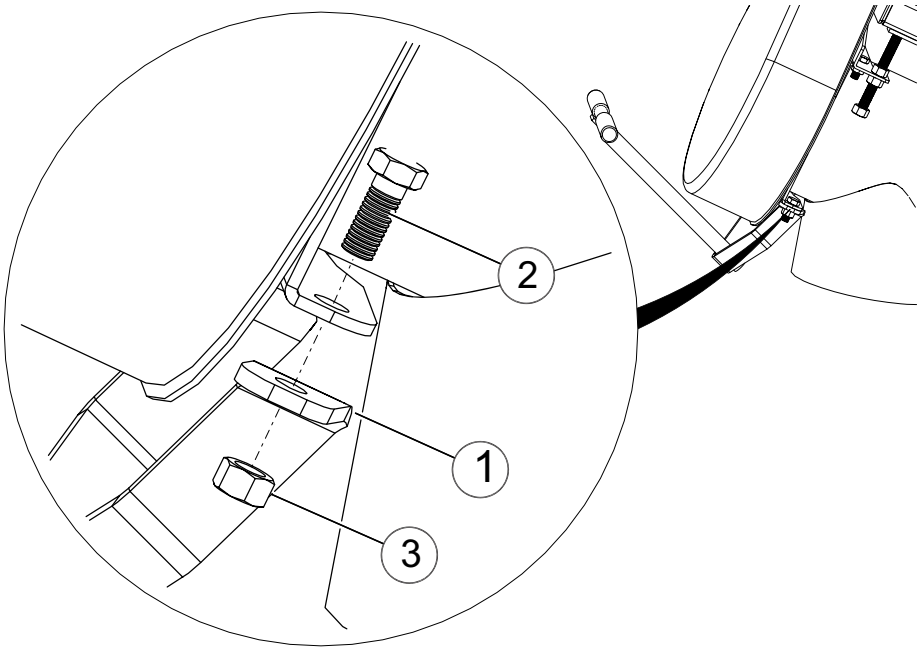
23

1	BELT, B55	10-22102	2



Install belts. The belts should deflect 1/2” to 3/4” when pushed on with a 5 lb force. If they do not deflect properly, tighten or loosen the hex nuts on the mount plate (as shown in Step 15) until the belt tension is adequate. Close and lock plastic pulley guard in place.

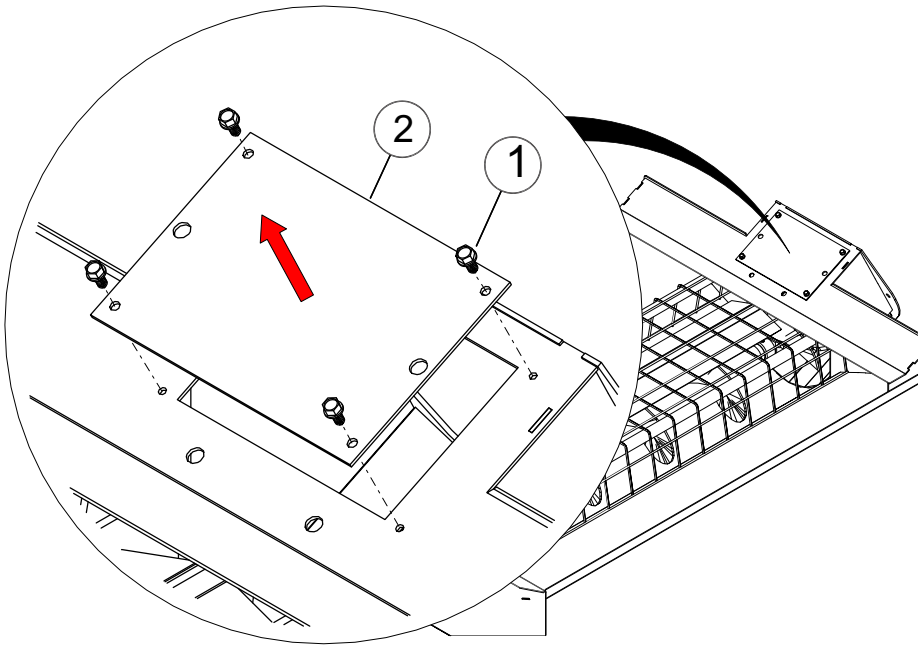
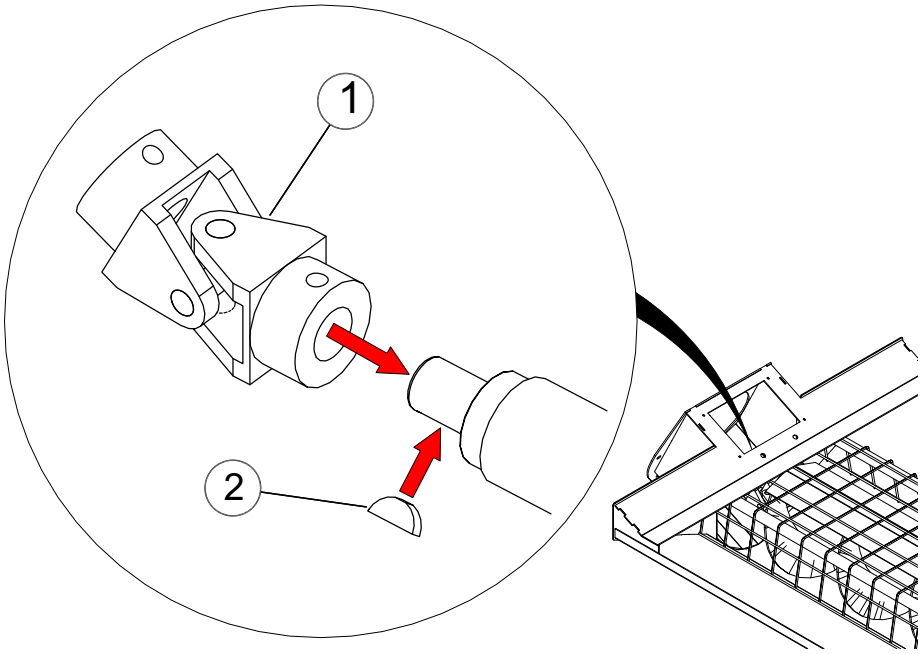
24	1	HANDLE ASSEMBLY, TA	10-22096	1
	2	1/2" X 1-1/4" NC BOLT GR 5 PLTD	10-19588	2
	3	1/2" NC NYLON LOCKNUT GR 2 PLTD	10-19599	2



Note: The final rpm for the auger should be between 500-600. Example: for 1750 rpm, using a 3.75” motor pulley, 12.7” gearbox pulley, final rpm = 517

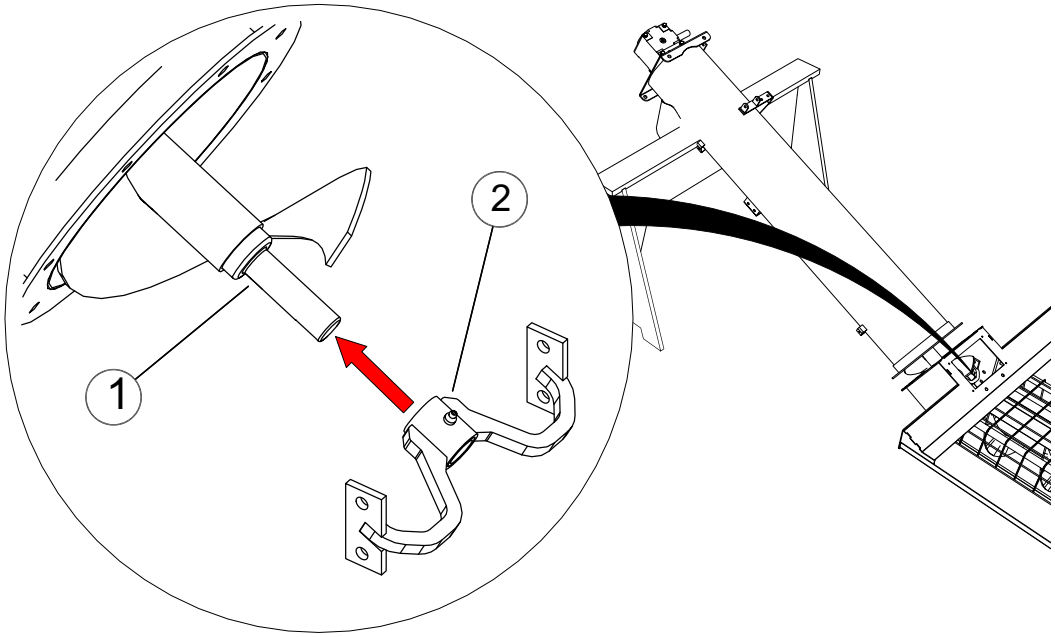
$$\frac{1750rev}{1min} \times \frac{3.75in}{12.7in} = 517rpm$$

3.2. Hydraulic Drive Transfer Assembly

1	1	#14 X 5/8" SMS AB GR 5 PLTD	10-19274	4
	2	HOPPER ACCESS COVER PLATE, TA	10-22081	1
				
2	1	6R U-JOINT (1"RD X 1")(BLACK)	10-29175	1
	2	1/4" X 1" WOODRUFF KEY	10-19224	1
				
	Note: This step not required for 10” models.			

3

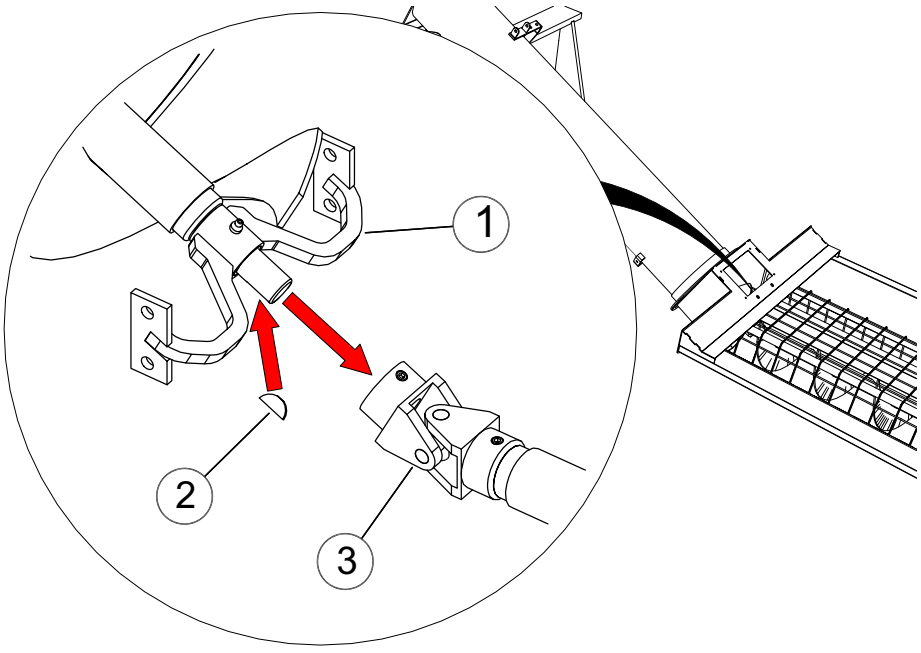
1	8" HYD TUBE BDL, TA	10-22072	1
	10" HYDRAULIC TUBE BDL, TA	10-22064	
2	8" SUPPORT BUSHING, TA	10-22091	1
	10" SUPPORT BUSHING, TA	10-22086	



Support bushing must be attached within hopper opening.
Note: Support tube with a sawhorse to aid in assembly.

4

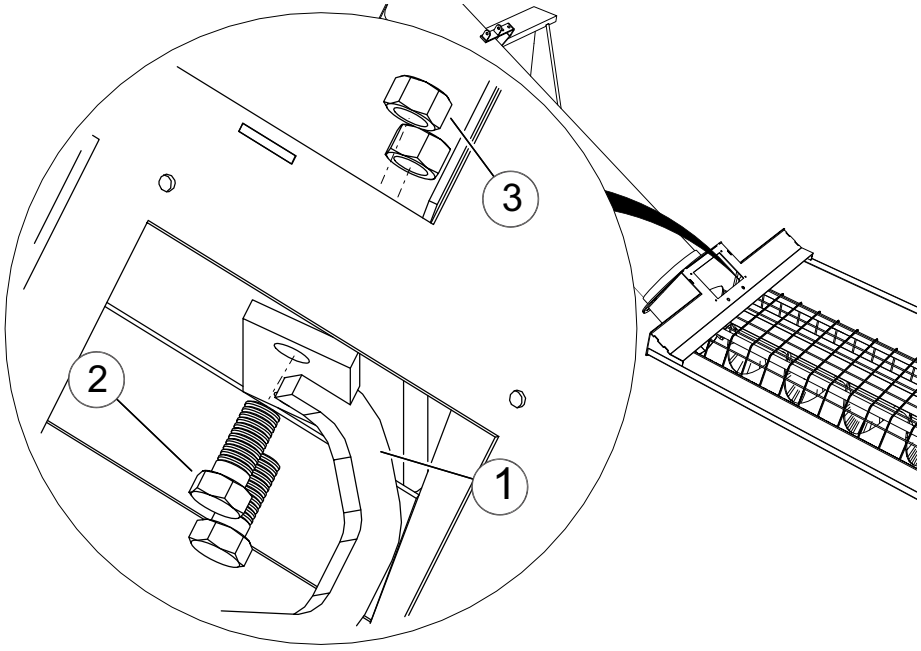
1	8" SUPPORT BUSHING, TA	10-22091	1
2	1/4" X 1" WOODRUFF KEY	10-19224	1
3	6R U-JOINT (1"RD X 1")(BLACK)	10-29175	1



This step not required for 10” models.

5

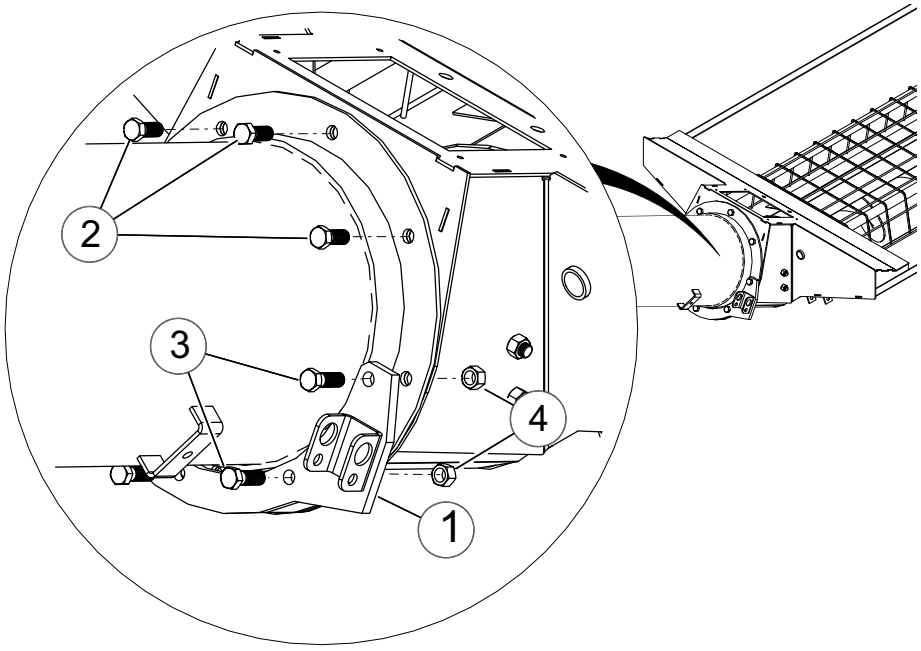
1	8" SUPPORT BUSHING, TA	10-22091	1
	10" SUPPORT BUSHING, TA	10-22086	
2	7/16" X 1" NC BOLT GR 5 PLTD	10-19542	4
3	7/16" NC NYLON LOCKNUT GR 5 YLW PLTD	10-17593	4



Note: Locknuts need to be attached outside of hopper.

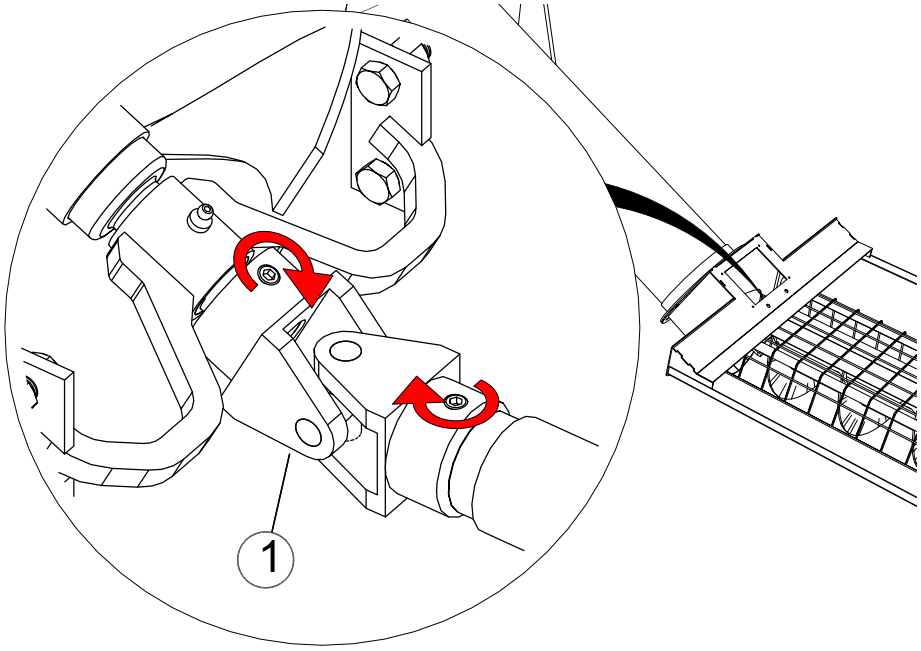
6

1	8" FRAME ATTACH, TA	10-22095	1
	10" FRAME ATTACH, TA	10-22099	
2	7/16" X 1" NC BOLT GR 5 PLTD	10-19542	3
3	7/16" X 1-1/4" NC BOLT GR 8 PLTD	10-18698	5
4	7/16" NC NYLON LOCKNUT GR 5 YLW PLTD	10-17593	8



7

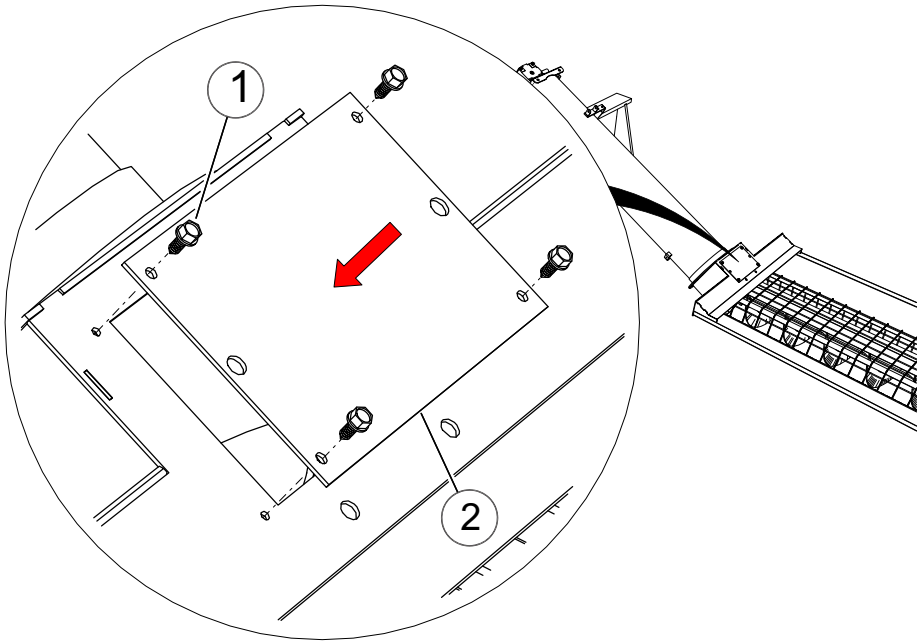
1	6R U-JOINT (1"RD X 1")(BLACK)	10-29175	1



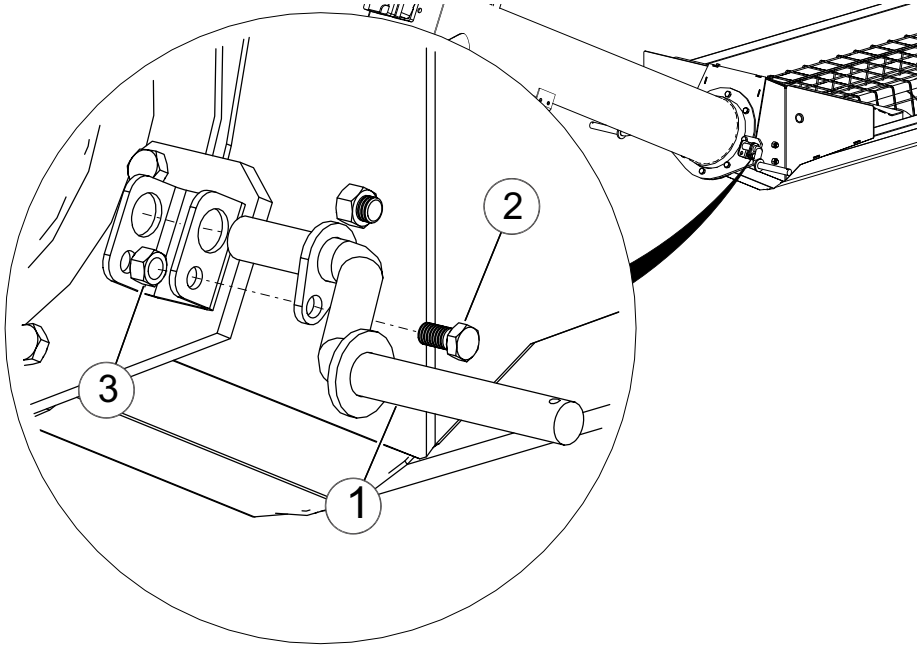
Tighten set screws. This step not required for 10” models.
Note: Before tightening setscrews, spin the flighting to make sure there is no interference.

8

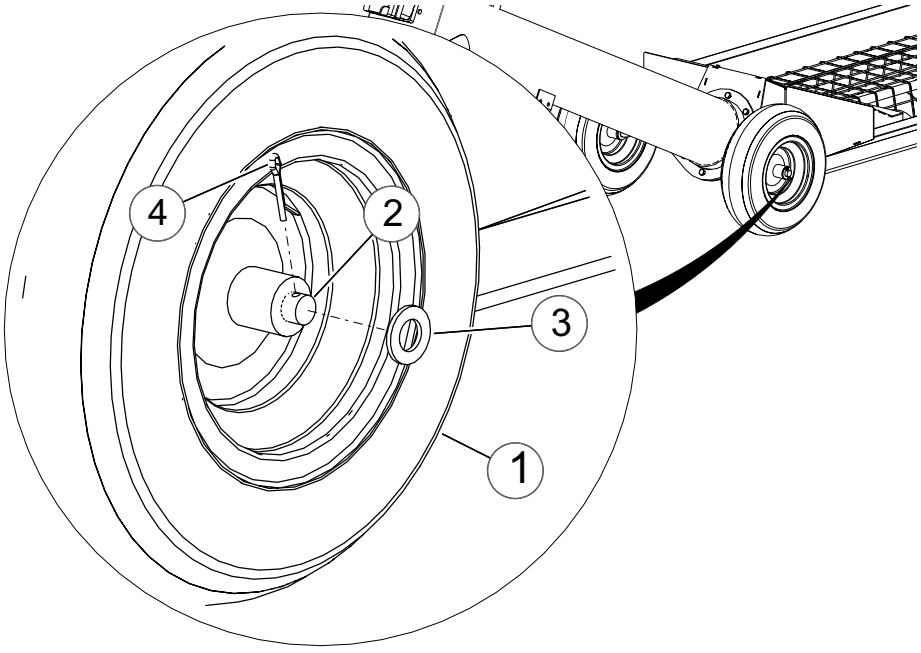
1	#14 X 5/8” SMS AB GR 5 PLTD	10-19274	4
2	HOPPER ACCESS COVER PLATE, TA	10-22081	1



9	1	LH AXLE, HYDRAULIC TA	10-22094	1
	2	3/8" X 1" NC BOLT GR 5 PLTD	10-18955	2
	3	3/8" NC NYLON LOCKNUT PLTD	10-17402	2
	4	RH AXLE, HYDRAULIC TA (NOT SHOWN)	10-22093	1

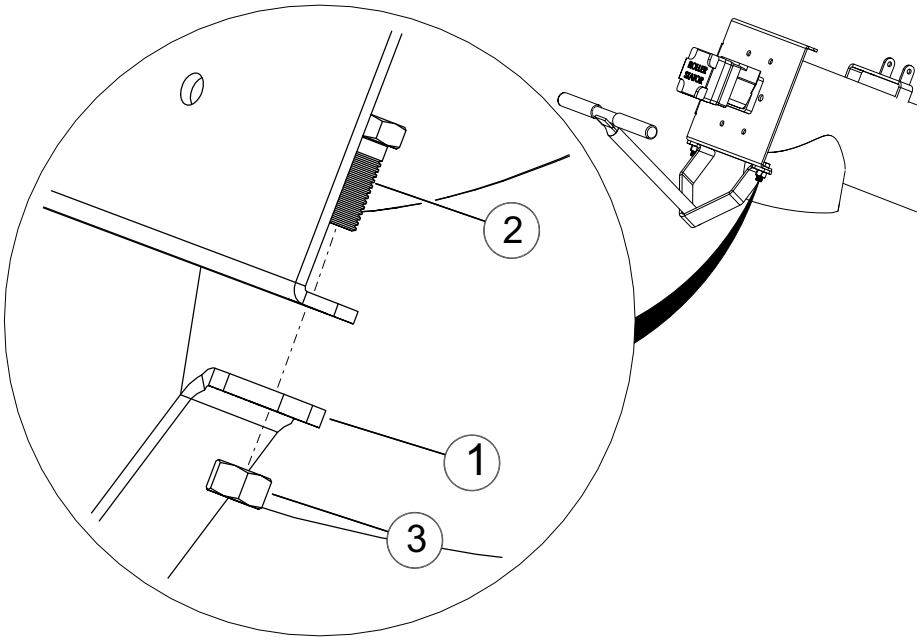


10	1	WHEEL & TIRE	10-28169	2
	2	LH AXLE, HYDRAULIC TA	10-22094	1
	3	3/4" FLAT WASHER	10-19979	2
	4	3/16" X 1-1/4" COTTER PIN	10-18155	2



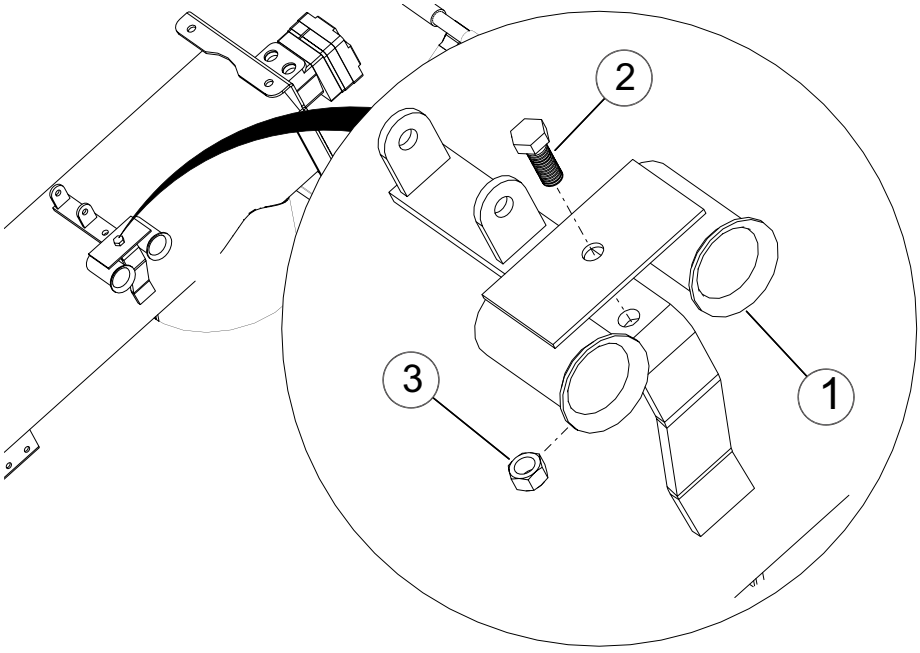
11

1	HANDLE ASSEMBLY, TA	10-22096	1
2	1/2" X 1-1/4" NC BOLT GR 5 PLTD	10-19588	2
3	1/2" NC NYLON LOCKNUT GR 2 PLTD	10-19599	2



12

1	HYD HOSE HOLDER, TA	10-22138	1
2	3/8" X 1" NC BOLT GR 5 PLTD	10-18955	1
3	3/8" NC NYLON LOCKNUT PLTD	10-17402	1



13

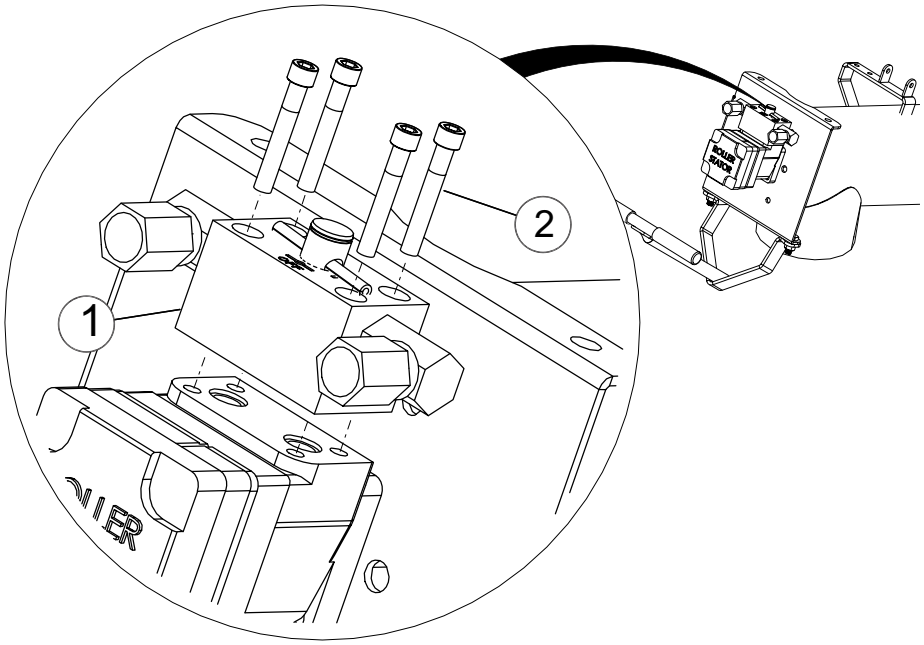
To complete 8" model, go to Section 3.2.1. on page 45.
To complete 10" model, go to Section 3.2.2. on page 46.

3.2.1. Completing 8” Hydraulic Model

14 Remove plastic plugs from hydraulic motor.
Note: Be sure not to lose o-rings.

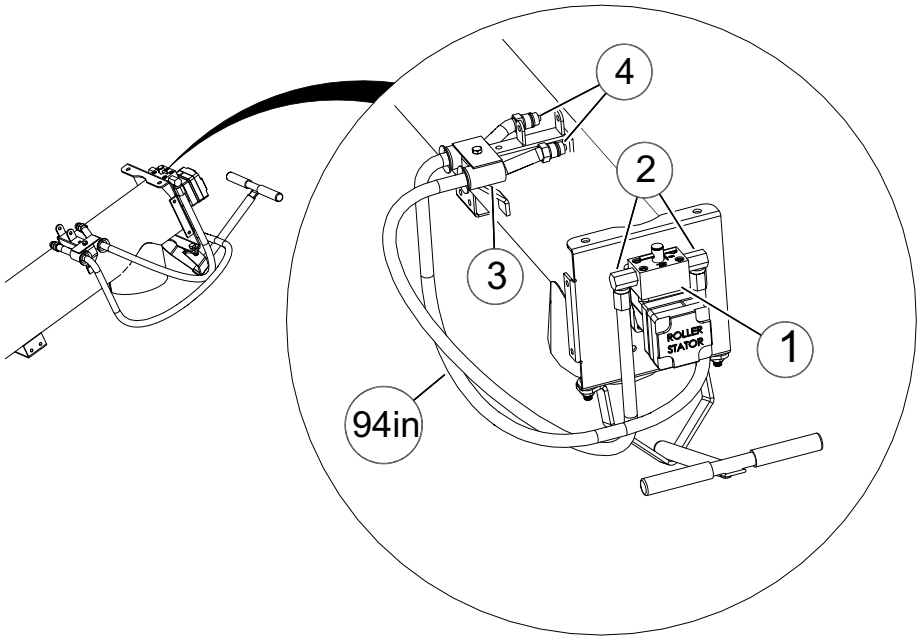
15

1	VALVE, SPEED CTRL, C/W FTGS	1100000	1
2	5/16" X 2 SOCKET HEAD CAP SCREW	1100626	4

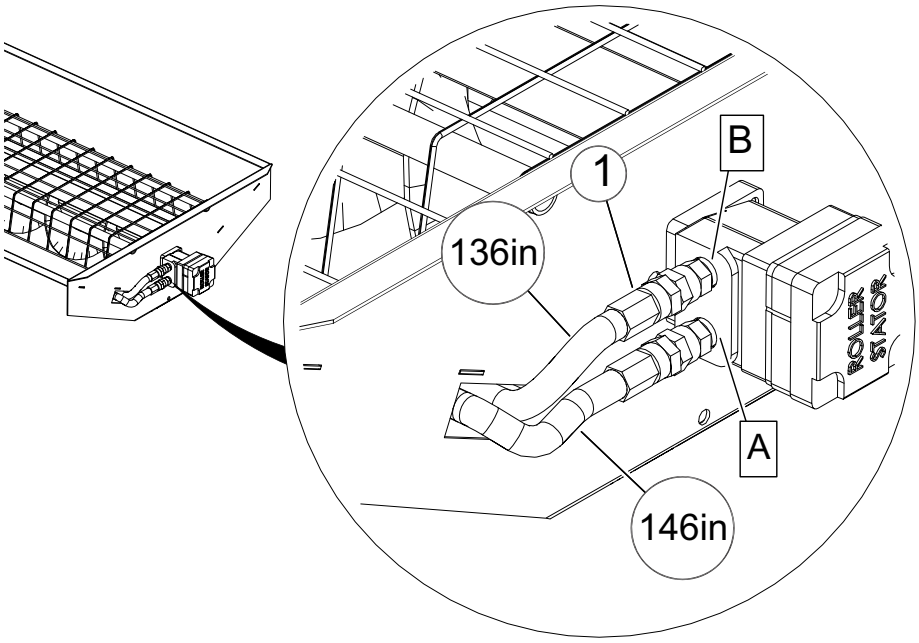


16

1	VALVE, SPEED CTRL, C/W FTGS	1100000	1
2	STEEL ELBOW 90, 1/2FNPSM X 3/8MNPT	1100625	2
3	HYD HOSE HOLDER, TA	10-22138	1
4	PIONEER COUPLER	9900047	2
94in	1/2" X 94" HYDRAULIC HOSE	10-28243	2



3.2.2. Completing 10” Hydraulic Double Drive Model

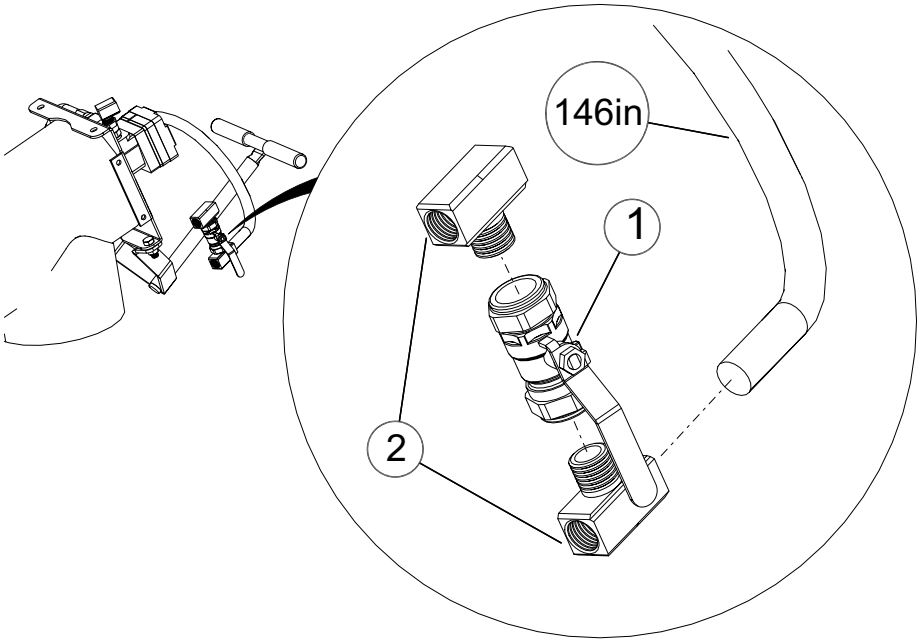
14	1	FTG STL 1/2MNPT X 1/2FNPSM	0800834	2
	136in	1/2" X 136" HYDRAULIC HOSE	10-28244	1
	146in	1/2" X 146" HYDRAULIC HOSE	10-29409	1
				
	Connect Hydraulic Hose (136in) to Hydraulic Motor Port (B). Connect Hydraulic Hose (146in) to Hydraulic Motor Port (A). Run hoses through hopper hydraulic hose guard.			
15	To complete OPEN CENTER model, go to Section 3.2.3. on page 47. To complete CLOSED CENTER model, go to Section 3.2.4. on page 51.			

Note: The auger is compatible for both open and closed center hydraulics. There will be an adapter fitting and a swivel fitting remaining with the open center hydraulics. There will be two tee fittings remaining with the closed center hydraulics.

3.2.3. Completing 10” Open Center Hydraulics ONLY

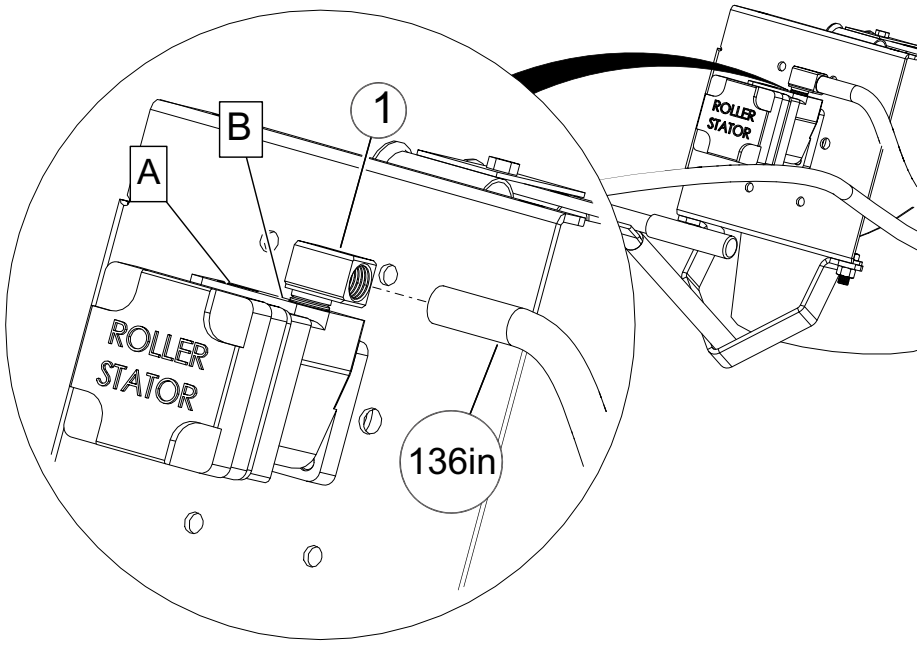
16

1	1/2 BALL VALVE F/FNPT	10-28475	1
2	STEEL TEE	10-28480	2
146in	1/2" X 146" HYDRAULIC HOSE	10-29409	1



17

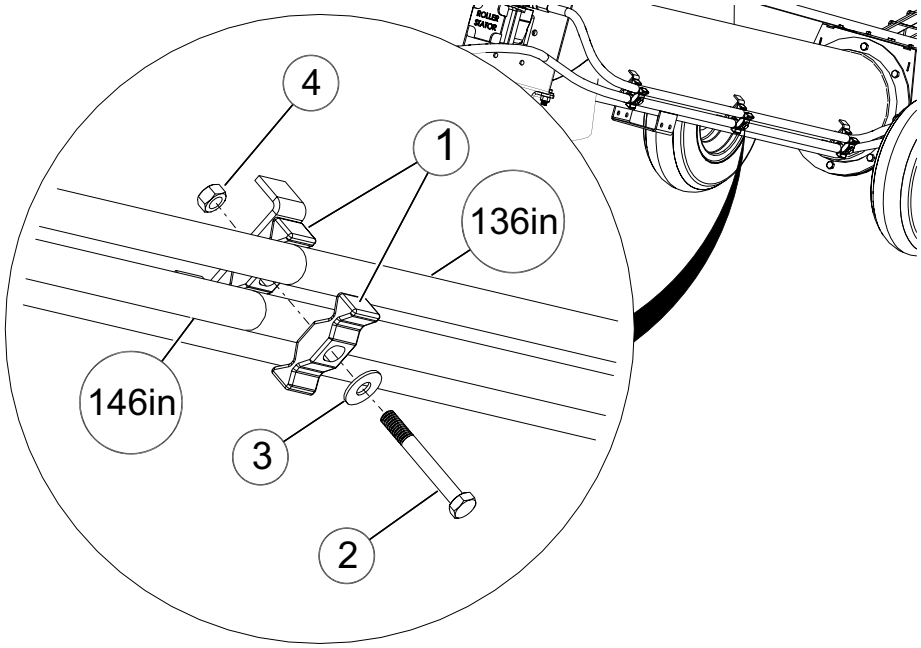
1	STEEL ELBOW	10-28478	1
136in	1/2" X 136" HYDRAULIC HOSE	10-28244	1



Insert elbow fitting into Hydraulic Motor Port (B). Connect Hydraulic Hose (136in).

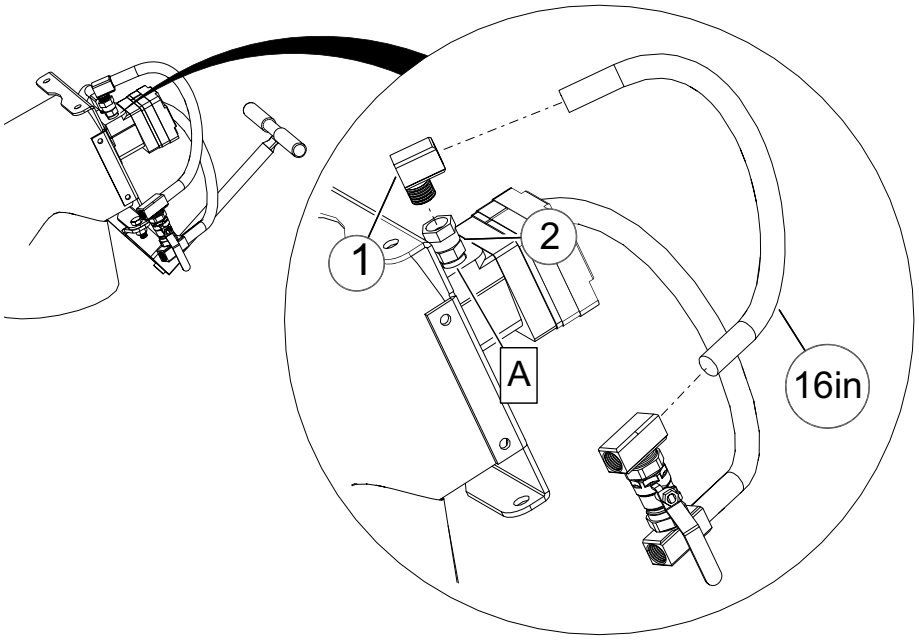
18

1	EMP-LB004 LINE BLOCK	10-28732	6
2	5/16" X 2-1/2" NC BOLT GR 2 PLTD	10-17631	3
3	5/16" FLAT WASHER PLTD	10-27336	3
4	5/16" NC NYLON LOCKNUT	10-19980	3
136in	1/2" X 136" HYDRAULIC HOSE	10-28244	1
146in	1/2" X 146" HYDRAULIC HOSE	10-29409	1



19

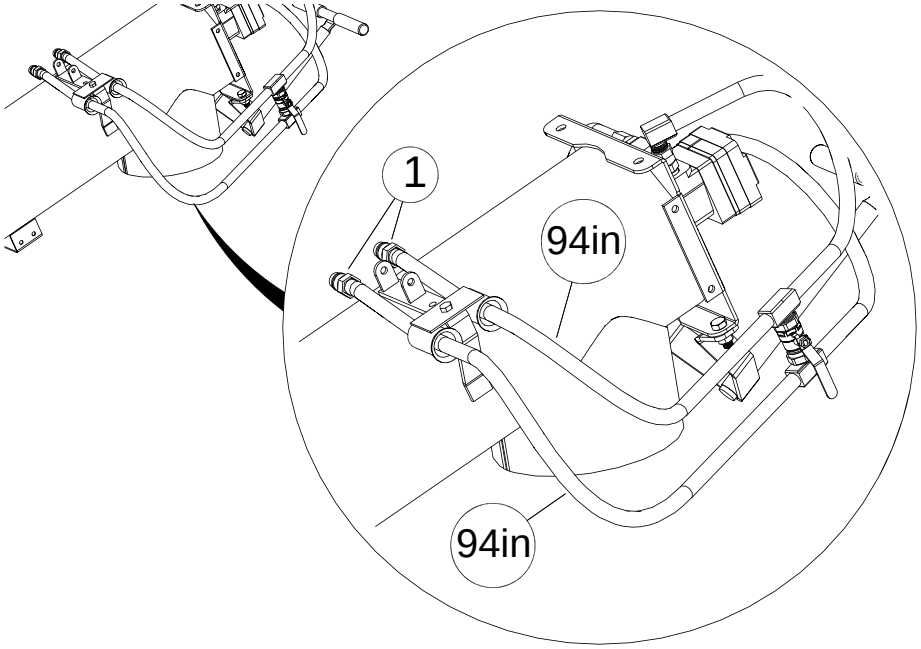
1	STEEL ELBOW	10-28478	1
2	FTG STL 1/2MNPT X 1/2FNPSM	0800834	1
16in	1/2" X 16" HYDRAULIC HOSE	10-29397	1



Insert swivel fitting and elbow fitting into Hydraulic Motor Port (A).
Connect Hydraulic Hose (16in).

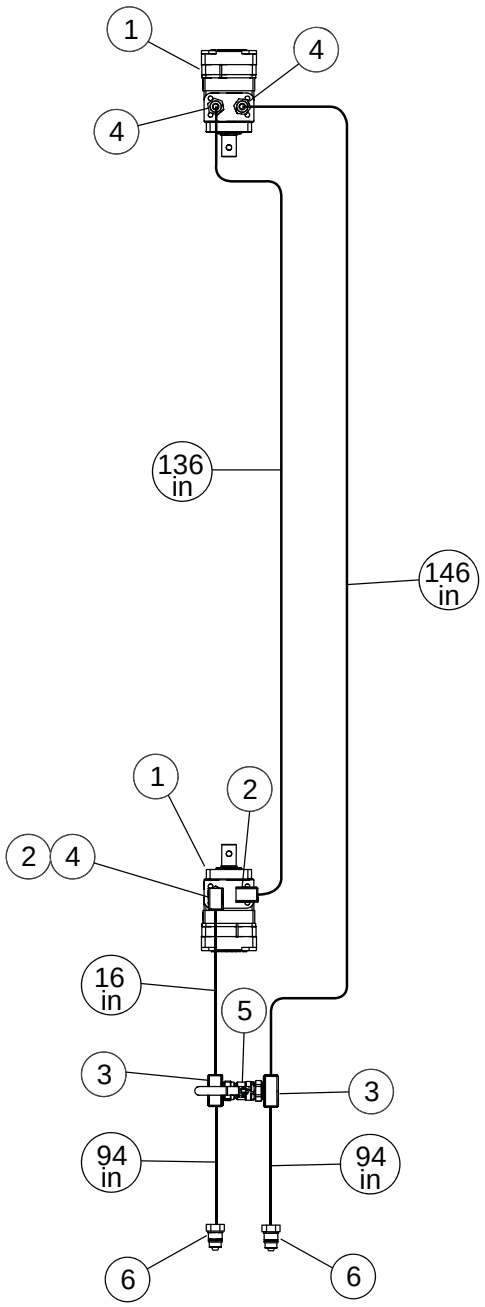
20

1	PIONEER COUPLER	9900047	2
94in	1/2" X 94" HYDRAULIC HOSE	10-28243	2



Connect hoses to ball valve tees and attach pioneer couplers to ends.

	1	ORBIT HYDRAULIC MOTOR	10-28183	2
	2	STEEL ELBOW	10-28478	2
	3	STEEL TEE	10-28480	2
	4	FTG STL 1/2MNPT X 1/2FNPSM	0800834	3
	5	1/2 BALL VALVE F/FNPT	10-28475	1
	6	PIONEER COUPLER	9900047	2
	16in	1/2" X 16" HYDRAULIC HOSE	10-29397	1
	94in	1/2" X 94" HYDRAULIC HOSE	10-28243	2
	136in	1/2" X 136" HYDRAULIC HOSE	10-28244	1
	146in	1/2" X 146" HYDRAULIC HOSE	10-29409	1

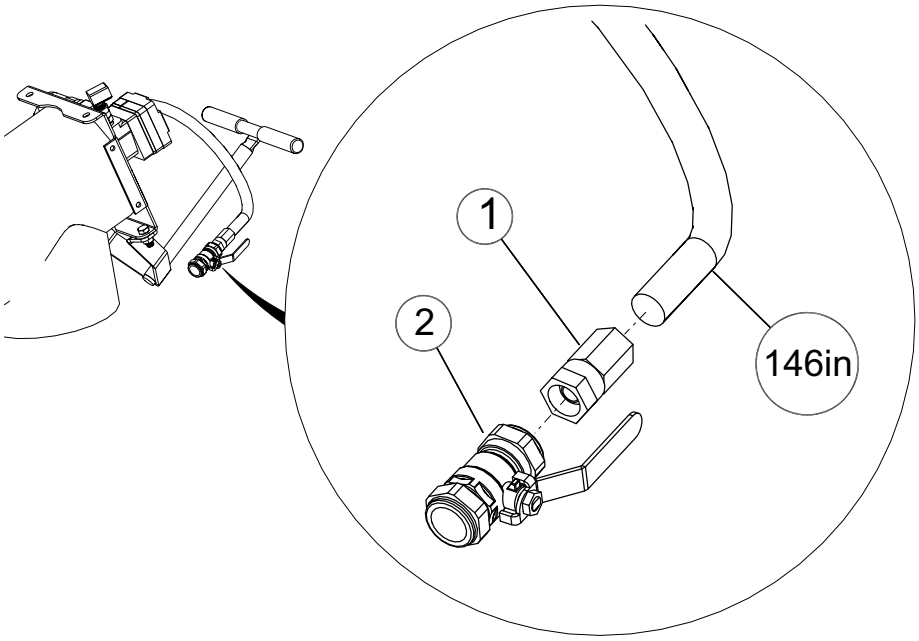


Completed Open Center Hydraulic Schematic

3.2.4. Closed Center Hydraulics ONLY

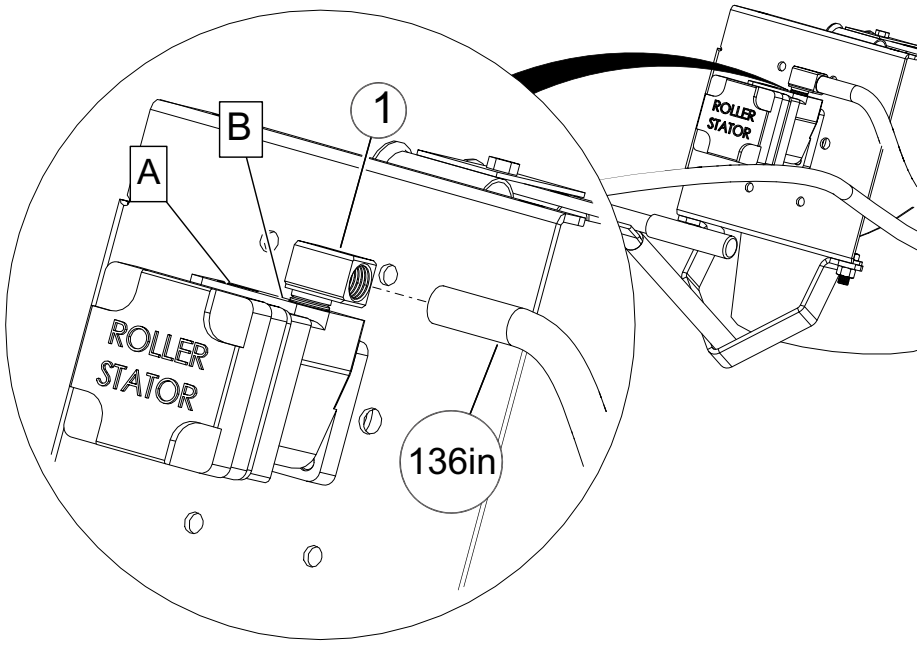
16

1	FTG STL 1/2MNPT X 1/2FNPS	0800834	1
2	1/2 BALL VALVE F/FNPT	10-28475	1
146in	1/2" X 146" HYDRAULIC HOSE	10-29409	1



17

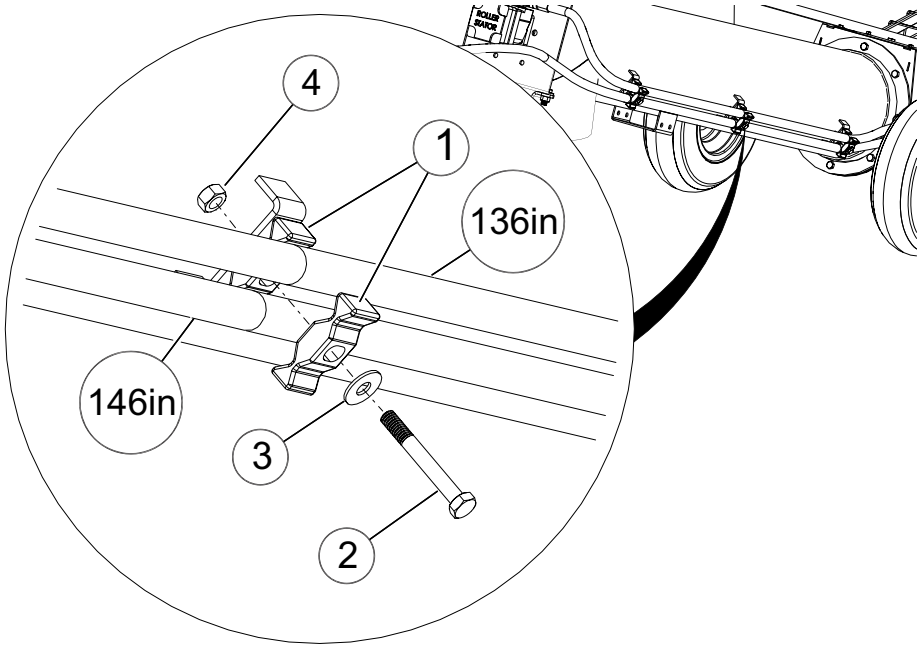
1	STEEL ELBOW	10-28478	1
136in	1/2" X 136" HYDRAULIC HOSE	10-28244	1



Insert elbow fitting into Hydraulic Motor Port (B). Connect Hydraulic Hose (136in).

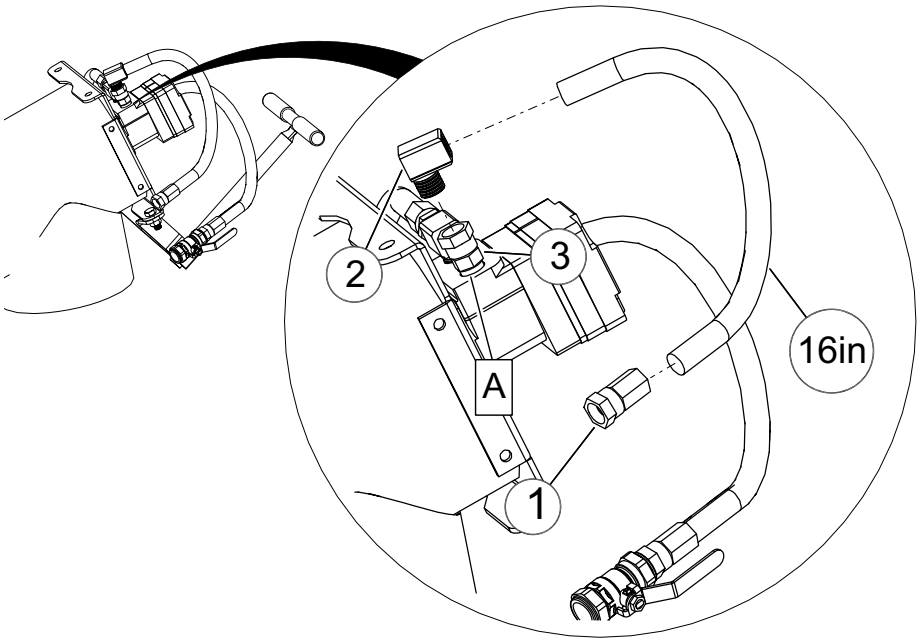
18

1	EMP-LB004 LINE BLOCK	10-28732	6
2	5/16" X 2-1/2" NC BOLT GR 2 PLTD	10-17631	3
3	5/16" FLAT WASHER PLTD	10-27336	3
4	5/16" NC NYLON LOCKNUT	10-19980	3
136in	1/2" X 136" HYDRAULIC HOSE	10-28244	1
146in	1/2" X 146" HYDRAULIC HOSE	10-29409	1



19

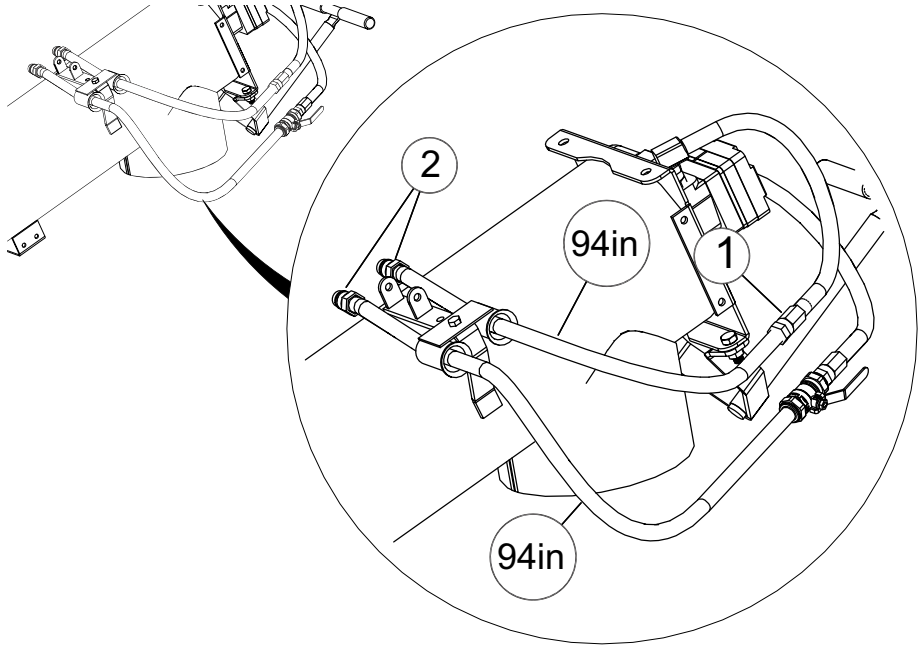
1	STEEL FITTING, 1/2FNPT X 1/2FNPSM	0102240	1
2	STEEL ELBOW	10-28478	1
3	FTG STL 1/2MNPT X 1/2FNPSM	0800834	1
16in	1/2" X 16" HYDRAULIC HOSE	10-29397	1



Insert swivel fitting and elbow fitting into Hydraulic Motor Port (A). Connect Hydraulic Hose (16in).

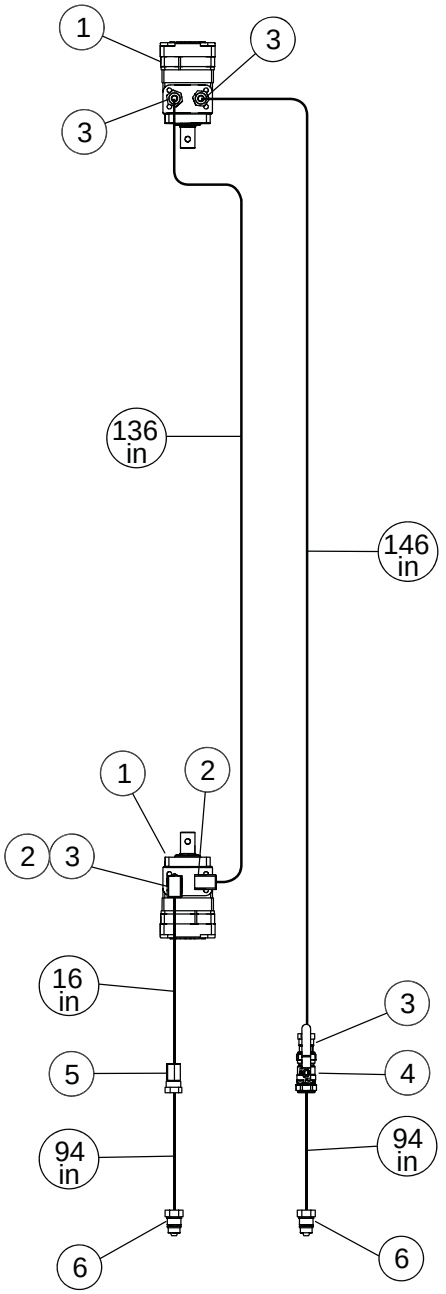
20

1	STEEL FITTING, 1/2FNPT X 1/2FNPSM	0102240	1
2	PIONEER COUPLER	9900047	2
94in	1/2" X 94" HYDRAULIC HOSE	10-28243	2



Connect hoses to ball valve and adapter fitting, and attach pioneer couplers to ends.

	1	ORBIT HYDRAULIC MOTOR	10-28183	2
	2	STEEL ELBOW	10-28478	2
	3	FTG STL 1/2MNPT X 1/2FNPSM	0800834	4
	4	1/2 BALL VALVE F/FNPT	10-28475	1
	5	STEEL FITTING, 1/2FNPT X 1/2FNPSM	0102240	1
	6	PIONEER COUPLER	9900047	2
	16in	1/2" X 16" HYDRAULIC HOSE	10-29397	1
	94in	1/2" X 94" HYDRAULIC HOSE	10-28243	2
	136in	1/2" X 136" HYDRAULIC HOSE	10-28244	1
	146in	1/2" X 146" HYDRAULIC HOSE	10-29409	1



Completed Closed Center Hydraulic Schematic

4. Operation

Before continuing, ensure you have completely read and understood this manual's Safety chapter, in addition to the safety information in the section(s) below.

4.1. Operating Safety

WARNING

- Keep away from rotating auger flighting and moving parts, including drive components, shafts, and bearings.
- Always operate with guards, covers, and shields in place.
- Have another trained person nearby who can shut down the equipment in case of accident.
- The work area should be kept clear of bystanders.
- Place equipment on reasonably level ground before operating.
- Chock wheels after placement.
- Anchor intake end before using.
- Keep the work area clean and free of debris.
- Ensure maintenance has been performed and is up to date.

4.2. Transport Procedure

1. When transporting, place on a transport vehicle and tie down securely.

WARNING Do not tow the transfer behind a vehicle, tires are not rated for highway transport.

4.3. Placement Procedure

Follow this procedure when placing the transfer into its working position:

1. Be sure there is enough clearance from other equipment to move the transfer into its working position.
2. Position the transfer under the truck or storage facility.

Note: The transfer is almost evenly balanced. Pushing down a little on the discharge end will raise the intake end off the ground and allow easy maneuvering.

3. Place chocks in the front and rear of each wheel.
4. Position the next conveying system under the discharge and secure.

4.4. Transfer Spout Handle

1. Use the transfer spout handle to position the equipment.

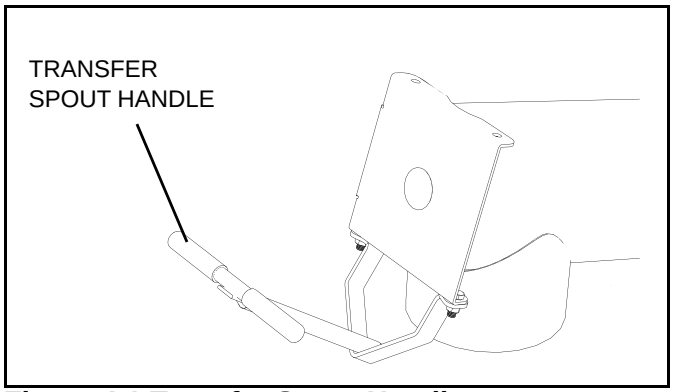


Figure 4.1 Transfer Spout Handle

4.5. Start-up and Break-In

Although there are no operational restrictions on the transfer when used for the first time, it is recommended that the following items be checked during the first hours of operation.

1. Check that the intake and discharge areas are free of obstructions.
2. **When equipped with drive belts and pulleys:** Check the drive belt tension and alignment. See Maintenance Section for instructions.
3. Check tightness of all bolts/nuts, fasteners, and hardware (re-torque if necessary).
4. Be aware of unusual sounds. If any are heard, determine the source and stop the transfer. Lock out and correct the problem before resuming work.
5. Do not run the transfer for long periods of time without material in the transfer because it increases wear. Try to run only when moving material.
6. Ensure adequate power is being used to operate the transfer. Refer to the Specifications Section.

4.6. Operation - Electric Motor Models

1. Turn the electric motor ON to engage transfer drive.
2. Run until empty of material, turn OFF and lock out power source.

4.7. Operation - Gas Engine Models

1. If the drive belts are tight, disengage the belts as shown in the figure below.
2. Start the gas engine. Follow instructions provided with the gas engine for specific starting instructions.
3. Engage belt drive lever (when equipped).

Note: The drive belt should be just tight enough to not slip on the drive pulley. If the belt is too loose, it will slip, lowering power transfer from the engine and possibly causing a squealing sound. If the belt is too tight, it will cause excess wear.

4. Adjust gas engine to provide maximum engine RPM.
5. Run until all grain has been emptied from the equipment.
6. Reduce engine speed to low idle.
7. Disengage the belt drive.
8. Shut off engine and lock out power source.

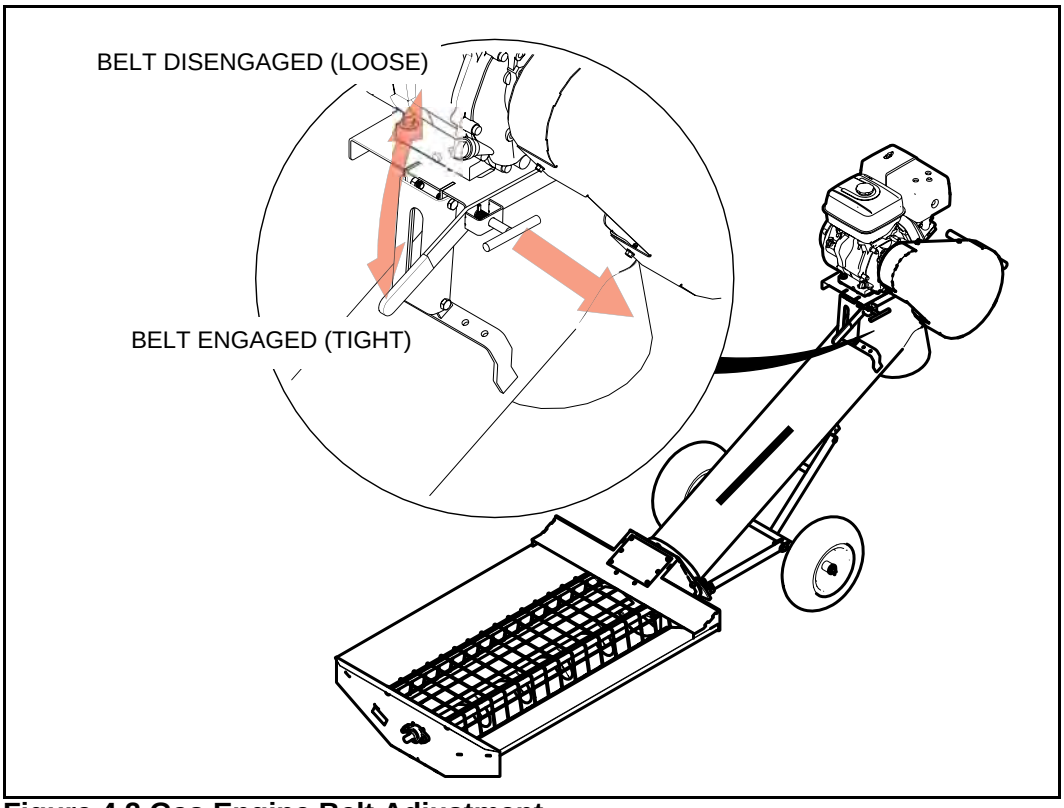


Figure 4.2 Gas Engine Belt Adjustment

4.8. Operation - Hydraulic Drive Models

1. Inspect all hydraulic lines, hoses, fittings, and couplers for tightness. Use a clean cloth to wipe any accumulated dirt from the couplers before connecting to the hydraulic system of the tractor.
2. Position the tractor next to the transfer.
3. Place chocks in the front and rear of each wheel of the tractor, and be sure the hoses are routed out of the way.
4. Connect hydraulic hoses to the couplers.
5. Place all controls in neutral.
6. Start tractor and run at low idle.
7. Place hydraulic control lever in detent.
8. Increase engine speed to rated RPM to produce the required flow. For maximum recommended flow, refer to the Specifications Section.
9. Run until the transfer is fully empty.

10. Reduce engine speed to low idle.
11. Place hydraulic control lever in neutral.
12. Shut off tractor engine.

4.9. Emergency Shutdown / Full-Tube Restart

Although it is recommended that the equipment run until hopper and tube are empty before stopping, in an emergency situation:

1. Stop or shut down the power source immediately and lockout power.
2. Correct the emergency before resuming work.
3. If the machine is shut down inadvertently or for an emergency, clear as much of the grain as possible before restarting.
4. With the power source locked out, remove as much of the grain as possible from the tube and intake using a piece of wood, vacuum cleaner, or other tool. Do not use your hands.
5. **Electric and Gas Drive Models:** It may be necessary to tighten the drive belts slightly to handle the heavier than normal loads.
6. **Gas and Hydraulic Drive Models:** Since the start-up torque loads are so much higher than normal when the hopper and tube are full, restart at low speed.

NOTICE Starting the auger under load may result in damage to unit. Be sure there is no blockage.

4.10. Shutdown

When operation has been completed:

- Clean out any remaining grain from the transfer with a vacuum or sweep out.
- Clean entire work area.
- Remove anchors, supports, and chocks.

4.11. Storage

After the season's use, the transfer should be thoroughly inspected and prepared for storage. Repair or replace any worn or damaged components and perform Maintenance as described in the Maintenance Section to prevent any unnecessary downtime at the start of the next season.

To ensure a long, trouble-free life, this procedure should be followed when preparing the unit for storage.

1. Remove all residual material from the hopper and the tube.
2. Wash the entire transfer thoroughly using a water hose or pressure washer to remove all dirt, mud, debris, or residue.
3. Inspect all moving or rotating parts to see if anything has become entangled in them. Remove any entangled material.
4. Touch up all paint nicks and scratches to prevent rusting.
5. Inspect the transfer for cracks, tightness of fittings and fasteners, hydraulic hose cracks (if applicable). Have required repairs performed to replace worn or damaged components and complete required annual maintenance.
6. Store in an area that is dry, level, and free of debris. Chock wheels.
7. Check the tire pressure.
8. Store inside if possible. Cover with a waterproof tarpaulin if stored outside.

5. Maintenance

Before continuing, ensure you have completely read and understood this manual's Safety chapter, in addition to the safety information in the section(s) below.

5.1. Maintenance Safety

WARNING

- Keep components in good condition. Follow the maintenance procedures.
- Do not modify any components without authorization from the manufacturer. Modification can be dangerous and result in serious injuries.
- After maintenance is complete, replace all guards, service doors, and/or covers.
- Use only genuine Westfield replacement parts or equivalent. Use of unauthorized parts will void warranty. If in doubt, contact the manufacturer or your local dealer.

Before attempting maintenance of any kind:

- Shut down and lock out power.
- Chock wheels.
- Support tube if performing maintenance on the undercarriage assembly.
- **If equipped with hydraulics:** Before applying pressure to a hydraulic system, make sure all components are tight and that hoses and couplings are in good condition.

5.2. Maintenance Schedule

Details of service are listed in Section 5.4.

	Every 8 Hours or Daily	Every 40 Hours or Weekly	Every 100 Hours or Annually	As Required
Visually inspect the unit.	x			
Check engine oil level. (gas models)	x			
Check air filter. (gas models)		x		
Service belts. (gas and electric models)		x		
Grease machine.	x			
Check gearbox oil level (gas models).		x		
Clean machine.			x	
Service engine (gas & electric models).				x
Change gearbox oil.				x

5.3. Fluids & Lubricants

Storage & Handling

- Your equipment can operate at top efficiency only if clean fluids and lubricants are used. Use clean containers to handle all fluids and lubricants. Store them in an area protected from dust, moisture, and other contaminants.

Grease

- Use SAE multi-purpose high-temperature grease with extreme pressure (EP) performance. SAE multi-purpose lithium-based grease is also acceptable.

Engine Gasoline

- Use a standard automotive unleaded gasoline for all operating conditions.

Oil for Gas Engine Crankcase

- Consult gas engine operation manual for details.

5.4. Maintenance Procedures

5.4.1. Visual Inspection

Before beginning the visual inspection, chock auger wheels and ensure that all operators are aware of safety precautions.

When inspecting:

- Ensure all guards are in place, and in good working order.
- Examine the auger for damage or unusual wear.
- Inspect the machine for evidence of oil leaks.
- Examine hydraulic hoses and fittings for leaks and cracks.
- Be sure all safety decals are in place and are legible.
- **Electric and Gas Models:** Check that drive belts are not frayed or damaged. Ensure they are properly adjusted and aligned.
- Check that the discharge spout and intake area are free of obstructions.
- Ensure that intake housing fasteners are properly secured.
- Examine all flighting for damage or unusual wear.
- Examine tires for gashes, uneven wear, or loss of air pressure.
- Inspect auger shaft bushing for unusual wear or discoloration.

5.4.2. Greasing

Note: Most original equipment bearings are sealed units and will not accept grease.

1. Use a hand-held grease gun for all greasing.
2. Wipe grease fitting with a clean cloth before greasing to avoid injecting dirt and grit.
3. Replace broken fittings immediately.
4. If fittings will not take grease, remove and clean thoroughly. Also clean lubricant passageway. Replace fitting if necessary.

Table 5.1. Grease Points

	Number of Grease Points at Each Location		
	A	B	C
8-Inch Tube, Hydraulic	1	2	0
10-Inch Tube, Hydraulic	0	1	0
8-Inch Tube, Gas	1	1	0
10-Inch Tube, Gas	1	1	0
8-Inch Tube, Electric	1	1	1
10-Inch Tube, Electric	1	1	1

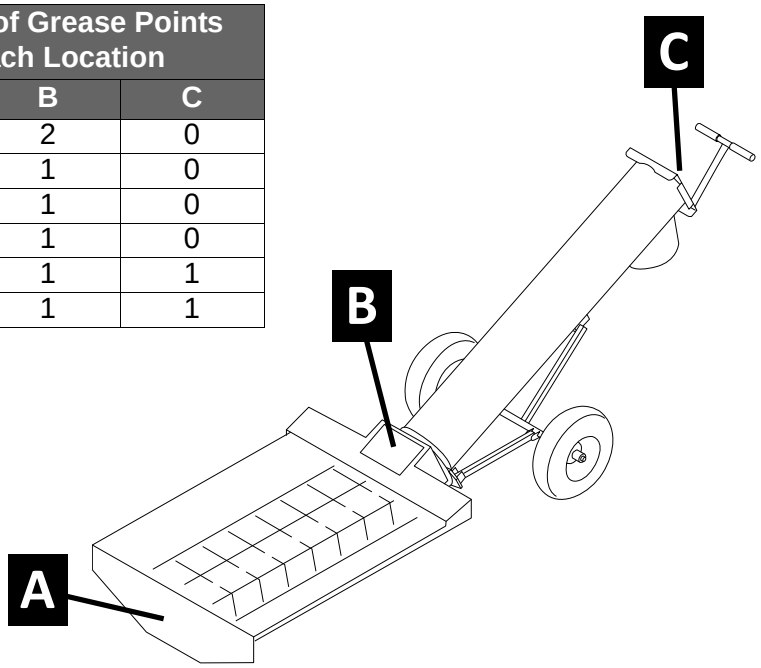


Figure 5.1 Grease Point Locations

5.4.3. Clean Machine

1. Lock out all power.
2. Clean out excess grain from auger tube and intake.
3. Make sure nothing is obstructing the auger intake so water can run out.
4. Wash the tube with a water hose or pressure washer until all dirt, mud, debris, or residue is washed from the auger.
5. Provide sufficient time for the water to drain from the auger.

5.4.4. Inspect Hydraulic Hose & Coupler

Using a piece of cardboard or wood, run it along the length of the hose and around all fittings. Replace the hose or tighten/replace the fitting if a leak is found.

Note: Hydraulic fluid can cause serious injury if it penetrates the skin. If it does, see a doctor immediately.

- Relieve pressure before disconnecting hydraulic line.
- Wear proper hand and eye protection and use wood or cardboard, not hands, when searching for leaks.

5.4.5. Service Engine

See engine operation manual for service requirements.

5.4.6. Check Gearbox Oil Levels (Gas Drives)

1. Lock out all power.
2. Remove oil filler plug.
3. Make sure the gearbox is half full (center of cross shaft) and free of foreign objects. Gearbox should be level when checking oil level.

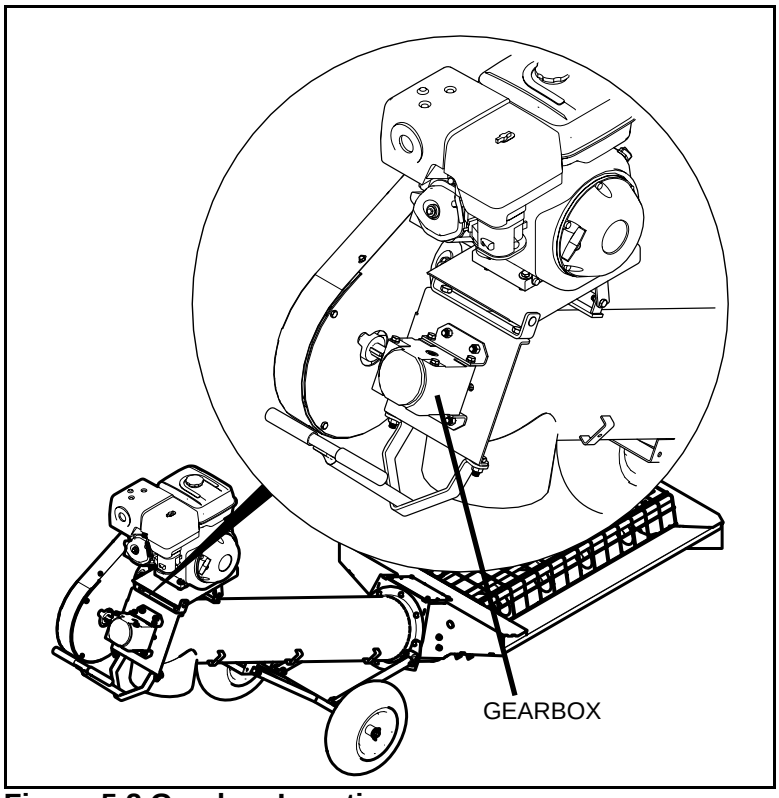


Figure 5.2 Gearbox Location

5.4.7. Changing Gearbox Oil (Gas Drives)

1. Remove guards and gearbox from auger.
2. Place a pan under the drain plug.
3. Use a wrench and remove the drain plug.
4. Loosen the filler plug so air can enter the gearbox and the oil will drain freely.
5. Allow the oil to drain completely.
6. Replace the drain plug.
7. Add oil until the gearbox is half full (center of cross shaft) and replace filler plug. Gearbox should be level when checking or refilling. DO NOT OVERFILL.
8. Reinstall gearbox and guards.

5.4.8. Drive Belt Tension, Alignment, and Replacement

⚠ WARNING Ensure ignition key is removed or power is locked out before adjusting or servicing.

Belt Tension

1. Remove guards and push on the center of the belt span with a force of approximately 5 lb.
2. The belts will deflect approximately 1” (25 mm) when properly tensioned.

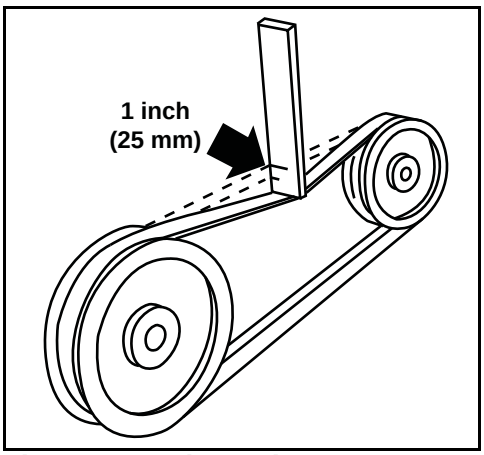


Figure 5.3 Schematic

3. Tighten or loosen the drive belts to achieve the proper tension.

Note: The drive belt should be just tight enough to not slip on the drive pulley when operating. If the belt is too loose, it will slip, possibly causing a squeaking sound and slowing the belt down. If the belt is too tight, it will cause excess wear.

4. Reattach and secure guards. Start system to ensure proper operation.

Belt Alignment

1. Lay a straight edge across the pulley faces to check the alignment.
2. Use the pulley hub to move the pulley to the required position for alignment.
3. Tighten hub bolts to secure pulley on shaft.
4. Check belt tension.

5. Reattach and secure guards.

Belt Replacement

1. Fully loosen the drive belts.
2. Remove old belt and replace with new one.
3. Tighten the drive belts as described in Belt Tension.
4. Check belt alignment. Adjust if required.
5. Reattach and secure guards.

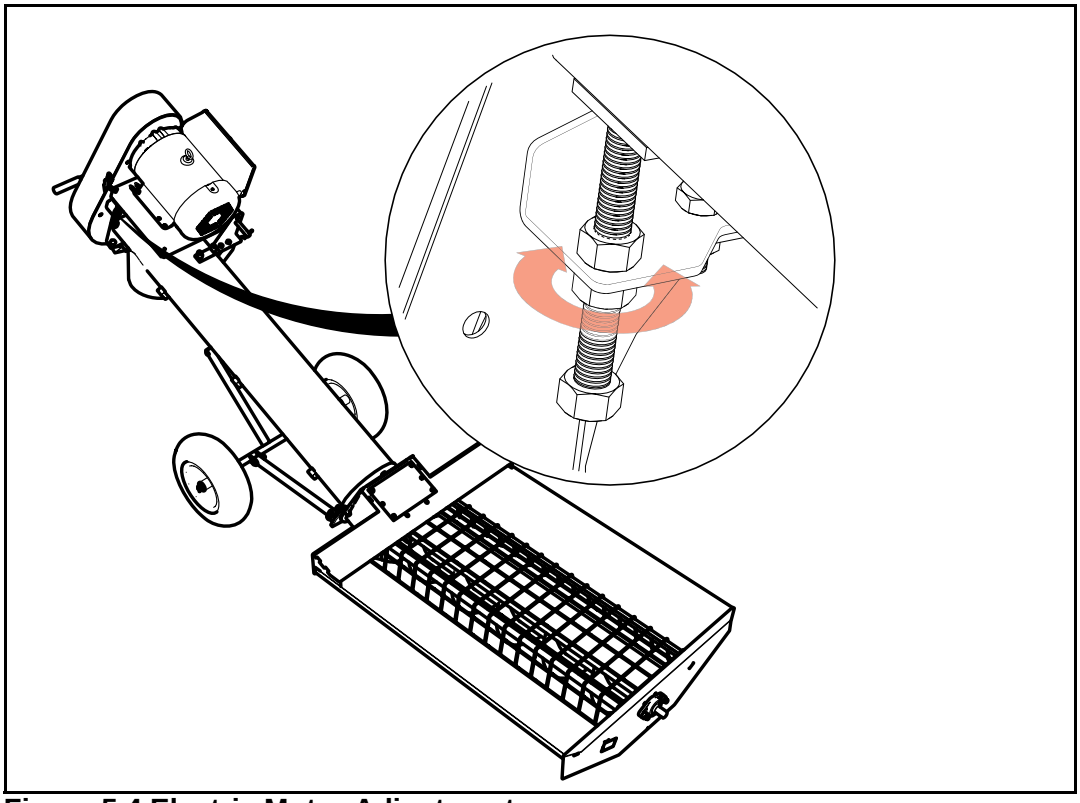


Figure 5.4 Electric Motor Adjustment

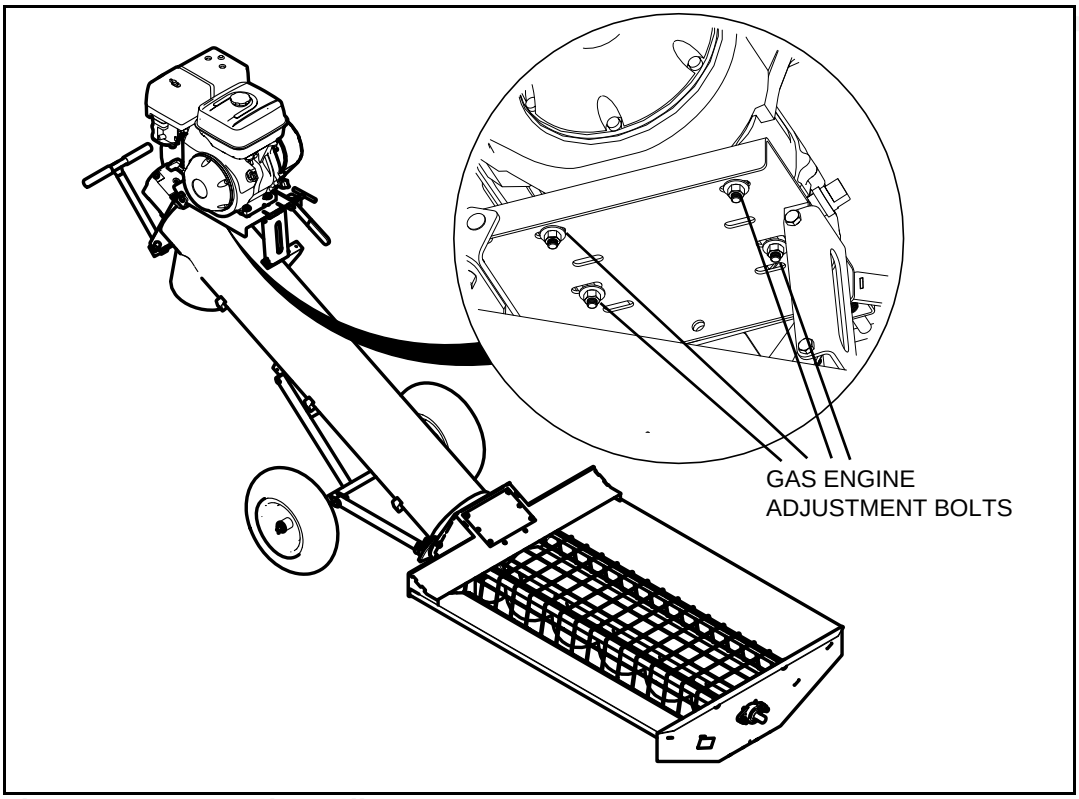


Figure 5.5 Gas Engine Adjustment

5.4.9. Check/Change Oil in Gas Engine

Refer to the gas engine operation manual.

6. Troubleshooting

Before continuing, ensure you have completely read and understood this manual's Safety chapter, in addition to the safety information in the section(s) below.

This chapter covers possible causes and solutions to problems you may encounter. If you encounter a problem that is difficult to solve, even after having read this chapter, please contact your local Westfield dealer or distributor. Before contacting them, please have this operation manual and your machine's serial number handy.

WARNING Shut down and lock out all power sources before diagnosing any of the causes or attempting any of the solutions below.

Problem	Cause	Solution
The auger does not turn.	Auger is plugged or obstructed	Identify and remove obstruction
	Drive belt is slipping	Adjust the tension of the belt
	A bearing is seized	Identify the bearing and replace
	A chain is broken	Identify the chain and repair or replace
	Gearbox is seized	Fix or replace the gearbox
	Gearbox coupler bolt is broken or missing	Replace the bolt

Problem	Cause	Solution
Auger is noisy.	Obstruction in the auger	Identify and remove obstruction
	Auger shaft bolts are loose or damaged	Tighten or replace bolts
	Auger shaft is bent	Repair or replace auger
	Flighting is damaged	
	Worn bearing	Repair or replace bearing
	Low gear oil level (Gas Models)	Inspect the gearbox, replace if damaged or add oil if not damaged

Problem	Cause	Solution
Low material augering rate.	Engine speed is too slow	Increase rpm of the engine
	Inadequate material flow from truck or hopper	Increase flow of material
	Flow into the auger intake is restricted	Clear grating of obstructions
	Material too wet or heavy	Unloading rates are for dry grain
	Flighting is worn	Repair or replace as required
	Belt slipping	Identify the belt; adjust or replace as required

7. Appendix

7.1. Mechanical Specifications

	8” HYD	8” ELEC	8” GAS
Tube Size	8” (20.3 cm)	8”(2 0.3 cm)	8” (20.3 cm)
CAPACITIES			
Unloading Rate	Up to 3000 Bu/hr (106 m3/hr)	Up to 3000 Bu/hr (106 m3/hr)	Up to 3000 Bu/hr (106 m3/hr)
DIMENSIONS			
Hopper Size	3’ X 4’ (91.4 cm X 121.9 cm)		
Hopper Clearance	12” (30.5 cm)		
Overall Length	10’ (3.05 m)		
Discharge Clear-ance	24” (61.0 cm)		
TIRES			
Type	8”		
Inflation Pressure	20 - 24 psi (137-165kPa)		
WEIGHT			
Total Weight	237 lb (108 kg)	275 lb (125 kg)	295 lb (134 kg)
POWER REQUIREMENTS			
Gas Engine			5.5 HP
Electric Motor		3 HP	
Hydraulic Motor	4.6,1/2NPTF 10 gpm at 1000 psi		
PART SPECIFICATIONS			
Motor Pulley Size		3” - 4” DBL	3” – 4” DBL
Driven Pulley Size		12.7” DBL	12.7” DBL
Gearbox Oil Capacity			1/2 Imp GAL. (2.3L)
Belt Size		B55	B58

	10” ELEC	10” GAS	10” DD
Tube Size	10” (25.4 cm)	10” (25.4 cm)	10” (25.4 cm)
CAPACITIES			
Unloading Rate	Up to 6000 Bu/hr (106m^3/hr)	Up to 6000 Bu/hr (106m^3/hr)	Up to 6000 Bu/hr (106m^3/hr)
DIMENSIONS			
Hopper Size	3’ X 4’ (91.4 cm X 121.9 cm)		
Hopper Clearance	12” (30.5 cm)		
Overall Length	10’ (3.05 m)		
Discharge Clearance	24” (61.0 cm)		
TIRES			
Type	8”		
Inflation Pressure	20 - 24 psi (137-165kPa)		
WEIGHT			
Total Weight	300 lb (136 kg)	330 lb (150 kg)	285 lb (129 kg)
POWER REQUIREMENTS			
Gas Engine		7.5 HP	
Electric Motor	5 HP		
Hydraulic Motor			4.6,1/2NPTF 10 gpm at 1300 psi
PART SPECIFICATIONS			
Motor Pulley Size	3” - 4” DBL	3” - 4” DBL	
Driven Pulley Size	12.7” DBL	12.7” DBL	
Gearbox Oil Capacity		1/2 Imp GAL. (2.3L)	
Belt Size	B55	B58	

Warranty

Westfield Industries Ltd. warrants products of its manufacture against defects in materials or workmanship under normal and reasonable use for a period of one year after date of delivery to the original purchaser.

Our obligation under this warranty is limited to repairing, replacing, or refunding defective part or parts which shall be returned to a distributor or a dealer of our Company, or to our factory, with transportation charges prepaid. This warranty does not obligate Westfield Industries Ltd. to bear the cost of labor in replacing defective parts. Any defects must be reported to the Company before the end of the one year period.

This warranty shall not apply to equipment which has been altered, improperly assembled, improperly maintained, or improperly repaired so as to adversely affect its performance. Westfield Industries Ltd. makes no express warranty of any character with respect to parts not of its manufacture.

The foregoing is in lieu of all other warranties, expressed or implied, including any warranties that extend beyond the description of the product, and the IMPLIED WARRANTY of MERCHANTABILITY is expressly excluded.

WESTFIELD INDUSTRIES LTD.

ROSENORT, MANITOBA

CANADA

R0G 1W0

WESTFIELD

P.O. Box 39
Rosenort, Manitoba, Canada R0G 1W0
Toll-Free: (866) 467-7207 (Canada & USA)
Phone: (204) 746-2396
Fax: (866) 768-4852
Email: sales@grainaugers.com
Web: www.grainaugers.com

Westfield is part of the Ag Growth International group

AGI
AG GROWTH INTERNATIONAL

Printed in Canada