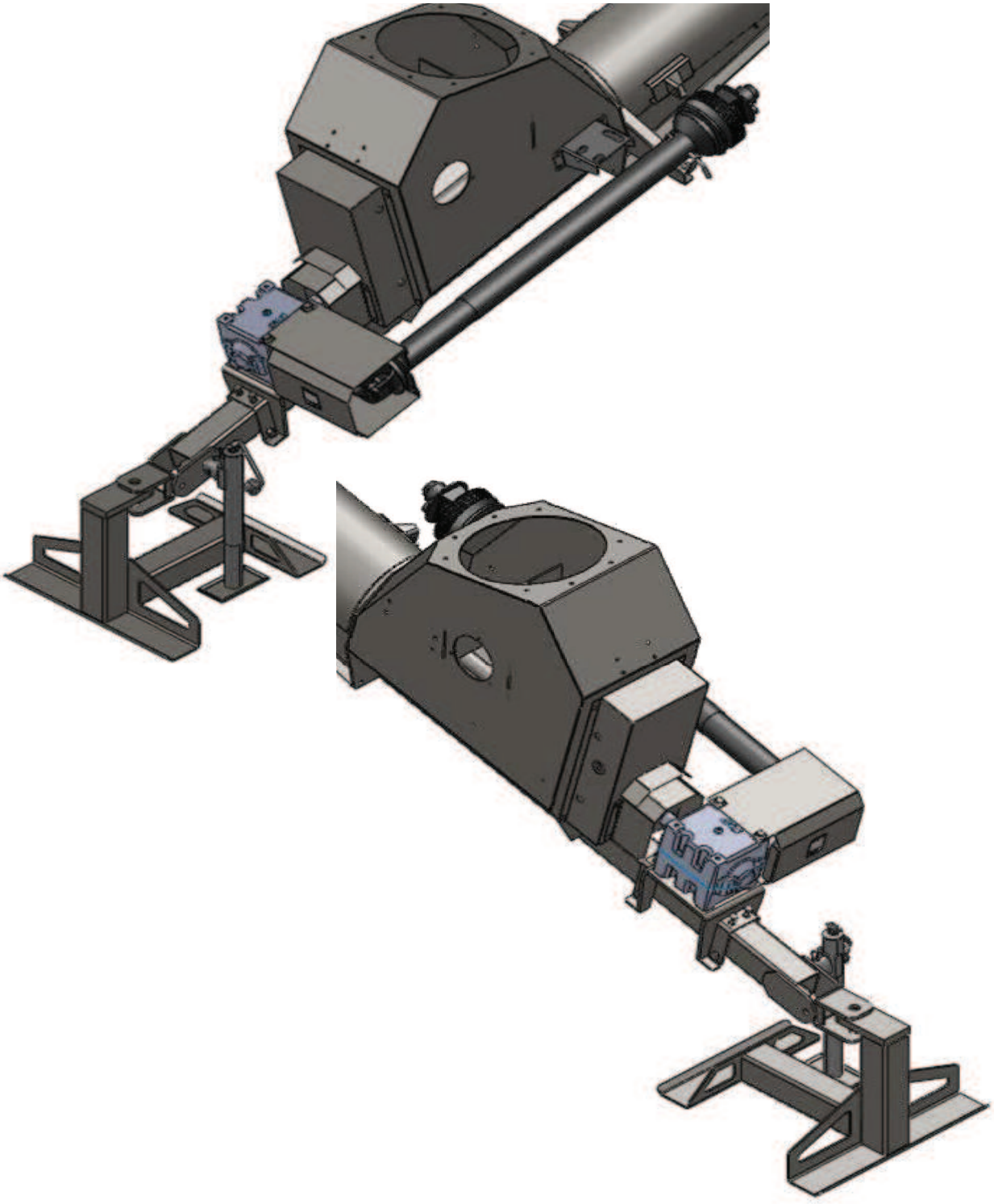
13" RIGHT ANGLE DRIVE INSTRUCTION & OPERATIONS MANUAL

(DO NOT OPERATE THE TRACTOR PTO OVER 540 RPM)

Do not operate with guards missing!

Read and understand all instructions pertaining to this option prior to operation!



Safety Alert

Watch for this **ALERT** Symbol. It identifies potential hazards to Personal **SAFETY** and your **HEALTH**. It points out Safety precautions.

This SAFETY symbol means:

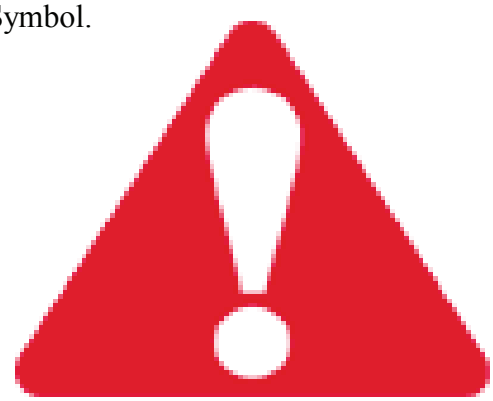
ATTENTION:
BE ALERT

Why is SAFETY important to you?
THREE BIG REASONS:
***ACCIDENTS DISABLE AND KILL**
***ACCIDENTS COST**
***ACCIDENTS CAN BE AVOIDED**

Failure to read this Auger manual before operation of the Auger is a misuse of the equipment and a needless risk to your **HEALTH** and **SAFETY.** Your life and limbs are worth keeping. Use this equipment with care.

Symbol
Signal Words:
DANGER, WARNING, CAUTION

The appropriate signal word for each message has been selected using the following guidelines below the Alert Symbol.



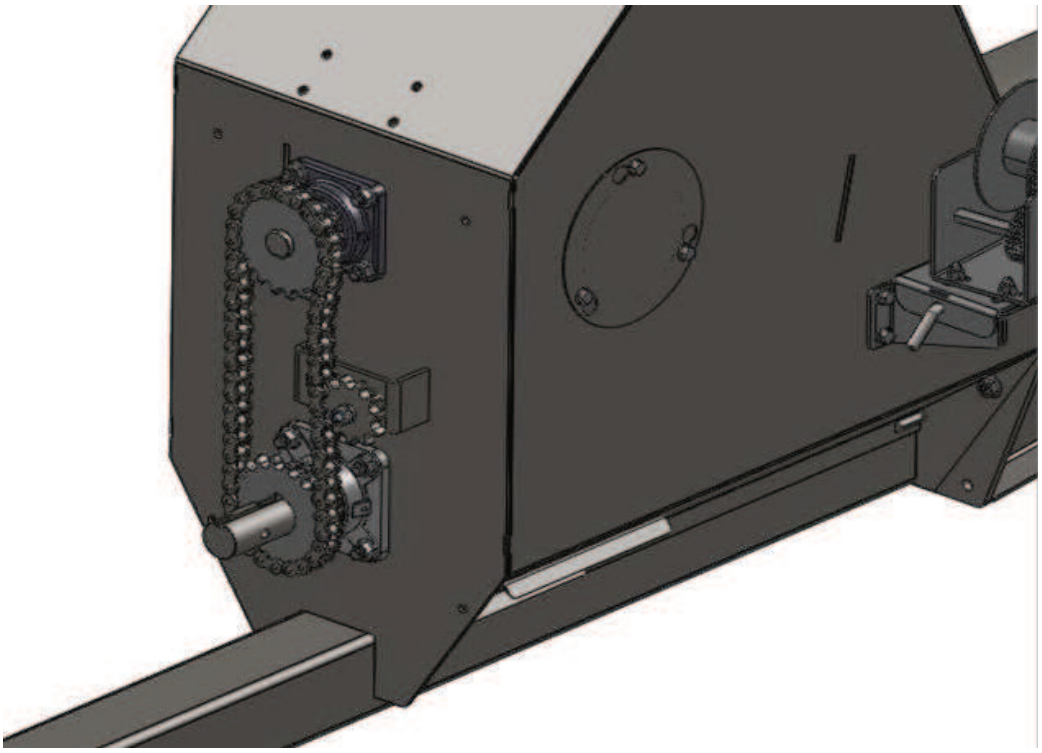
BE ALERT!

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 situations, typically for machine components that, for functional purposes, cannot be guarded.

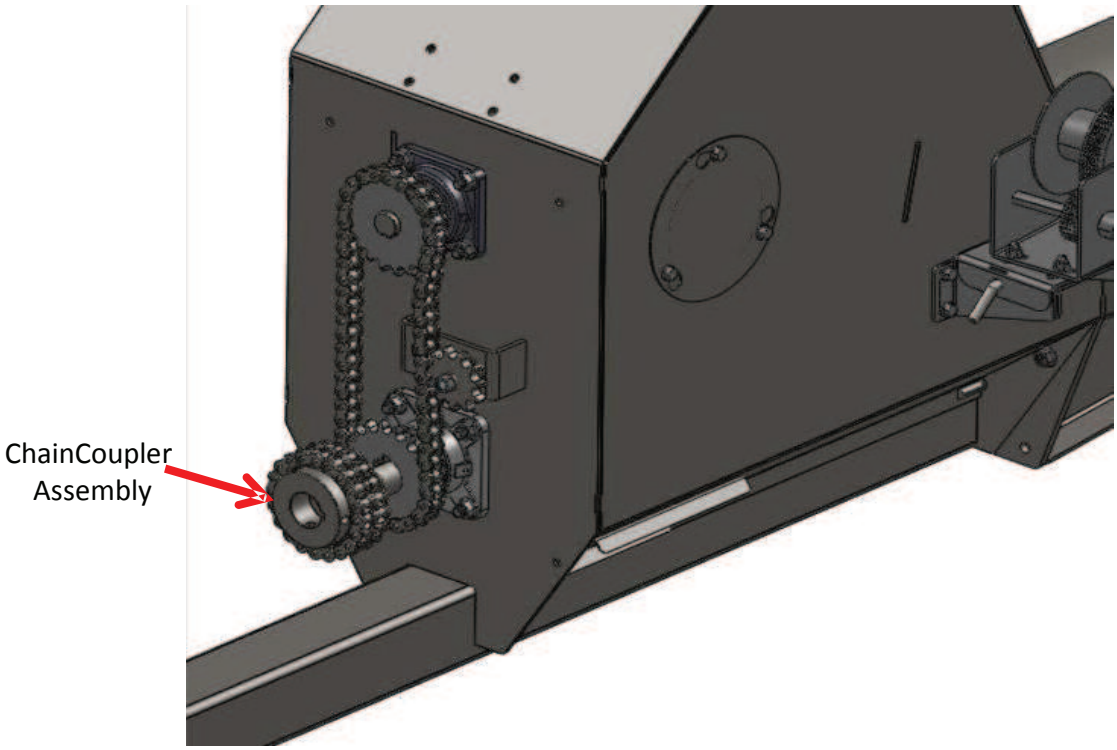
WARNING – Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

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

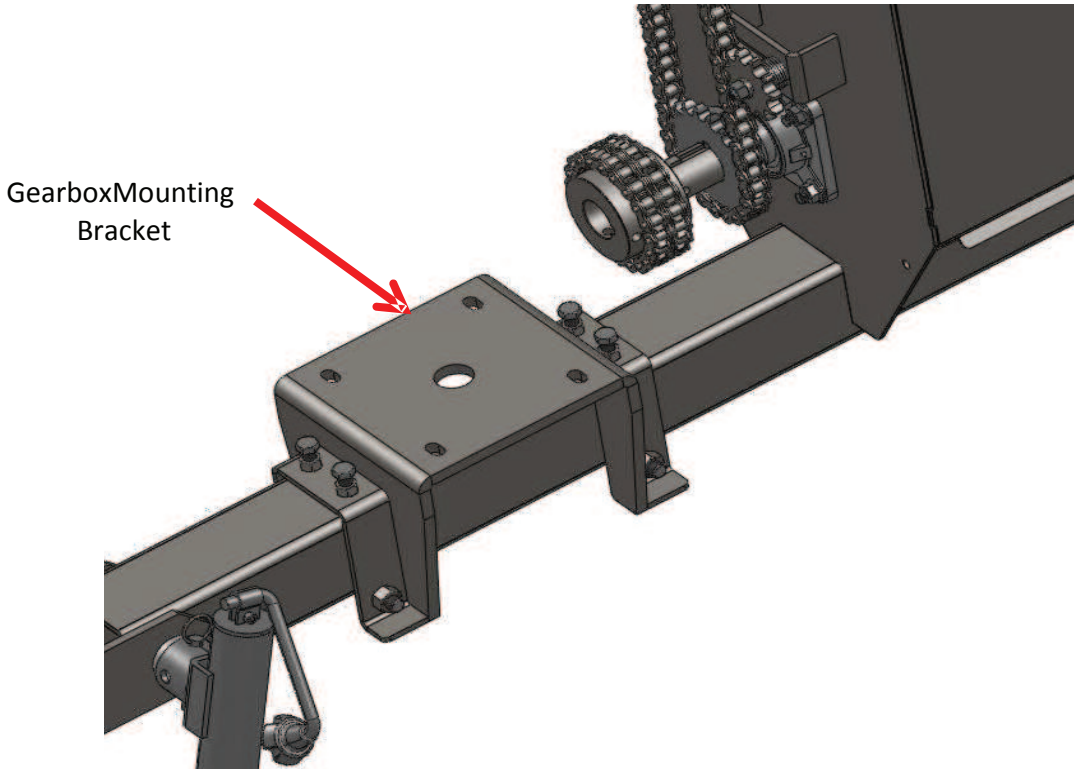
Step 1
Remove existing pto shaft and chain cover shield as shown. Leave gearbox drive chain (not shown below)
Keep 3/8" keystock, it will be needed for right angle kit



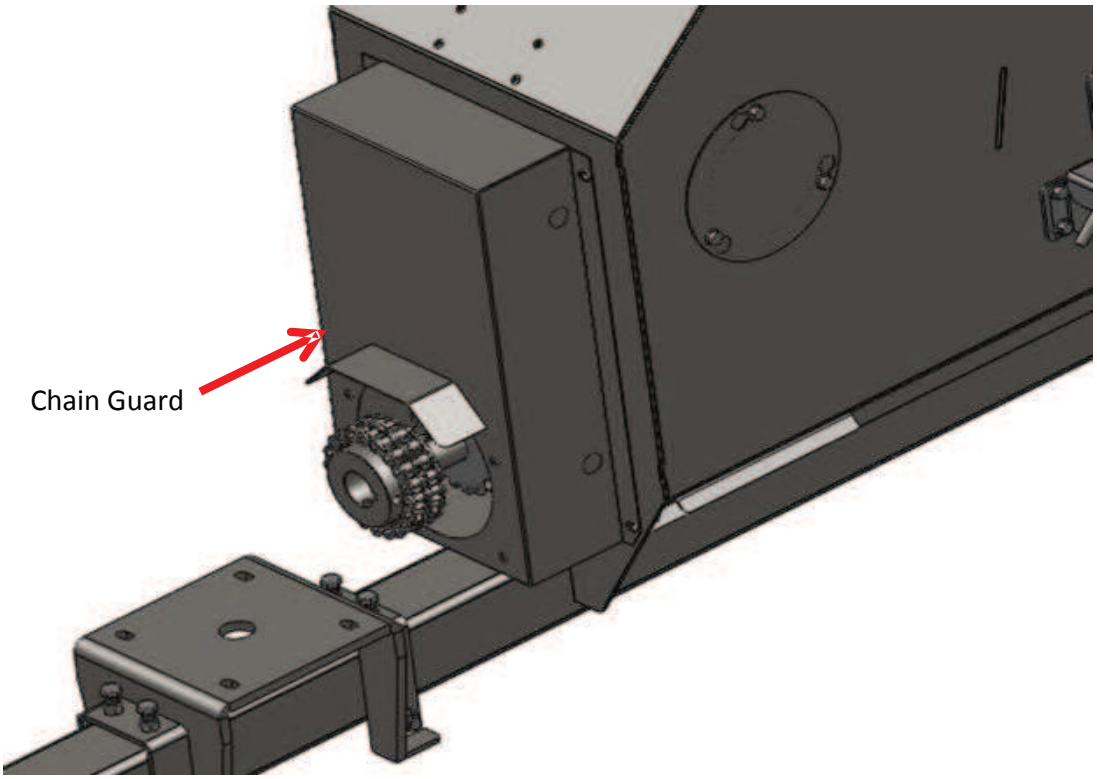
Step 2
Install chain coupler assembly on shaft as shown. The inner chain coupler sprocket should be flush
with the main auger shaft. Install 3/8" key and tighten set screw. (Coupler chain and sprockets will be assembled
do not disassemble.)



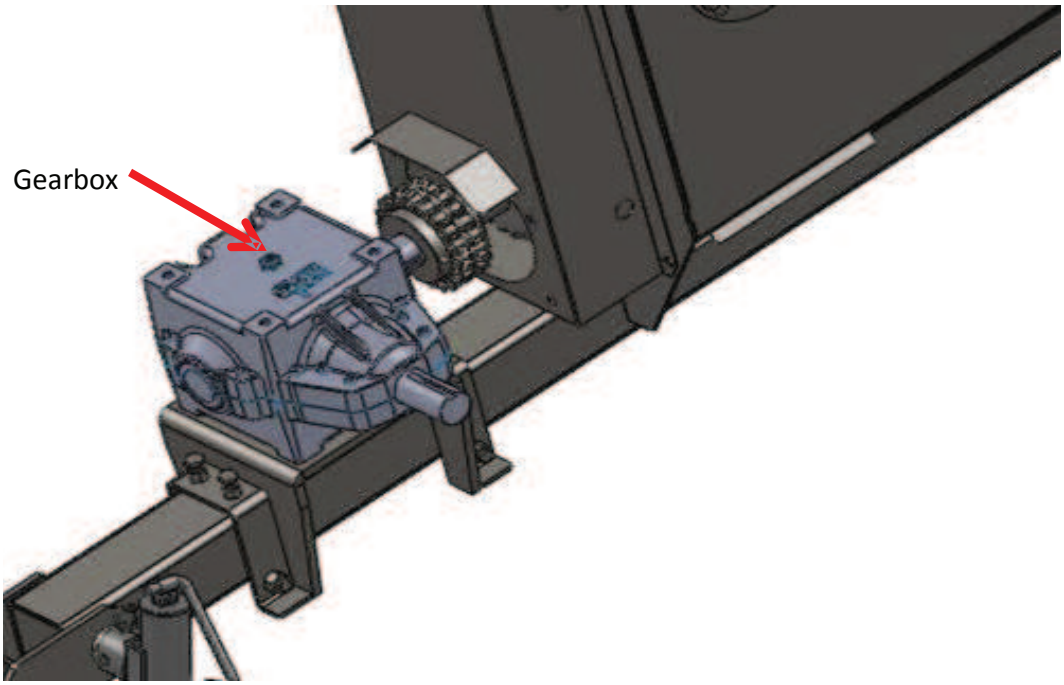
Step 3
Install Gearbox mount bracket as shown. Leave all bolts loose.



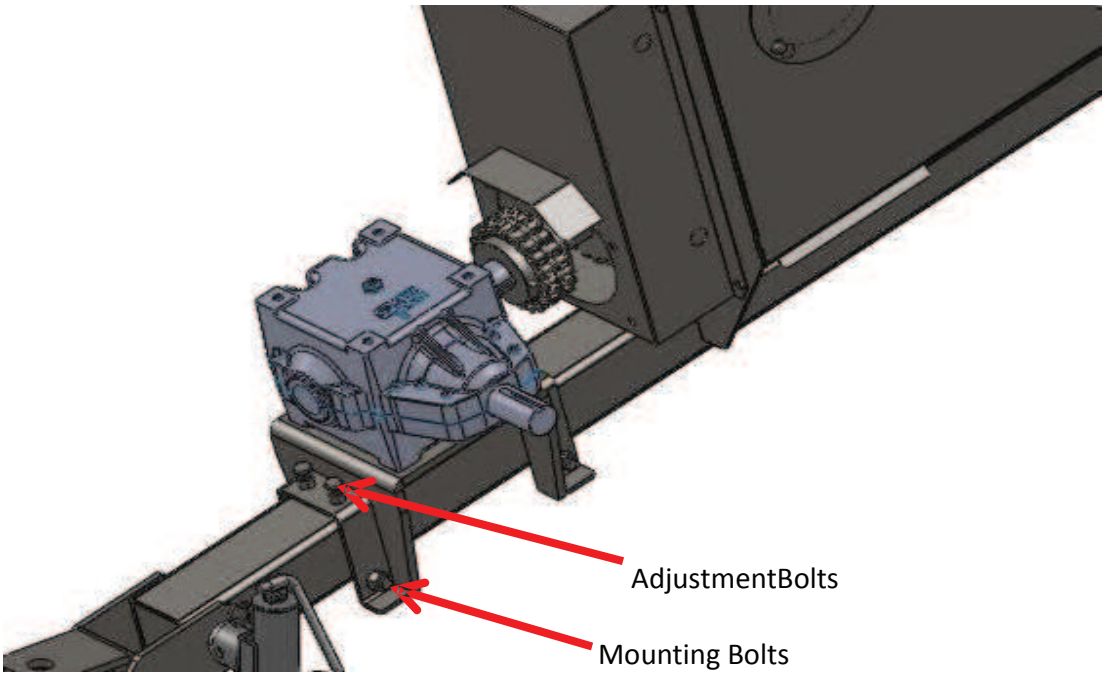
Step 4
Install chain guard as shown



Step 5
Bolt the gearbox to the mount bracket using (2) 1/2" X 1-1/2" bolts w/spring & flat washer.
Do not put bolts in the (2) mounting holes closest to the gearbox input shaft. (These will be used later)
Slide gearbox & existing 3/8" key into sprocket until the two shafts touch. Then back out the gearbox 1/4 inch. Tighten set screws.
Gearbox can be mounted with input shaft on either side of tongue. **(GEARBOX OUTPUT SHAFT MUST BE POSITIONED AS SHOWN)**

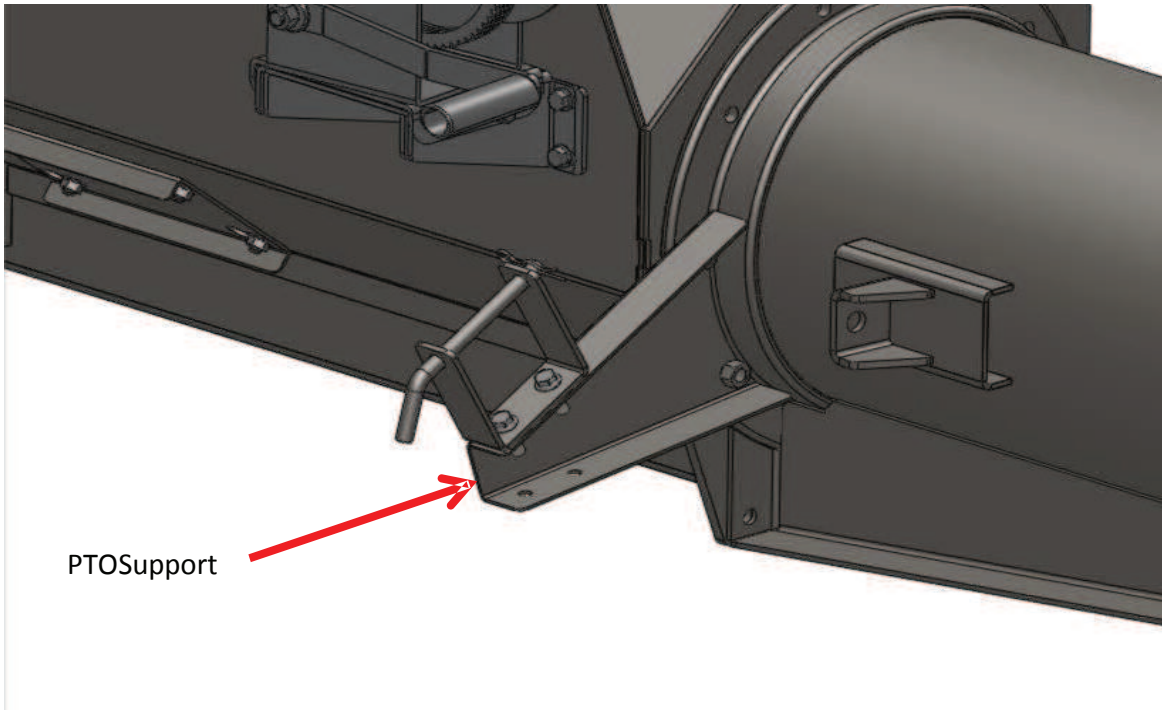


Step 6
Adjust the gearbox so the gearbox is running parallel with the tongue using the (4) (2) 1/2" X 1-1/2" bolts located on the top side of the mounting bracket. Install the 5/8" X 5-1/2" mounting bolts & 5/8" toplock nuts through the mounting bracket on the bottom side of the tongue and tighen.



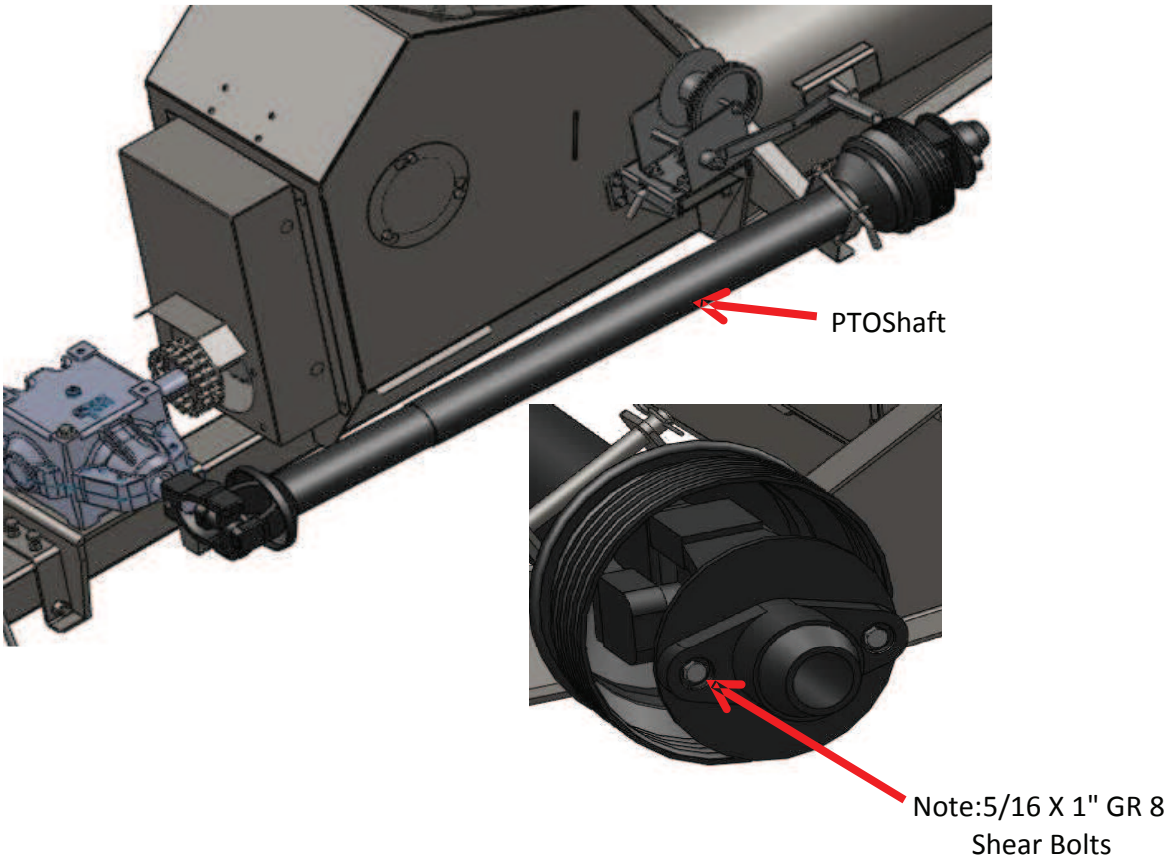
Step 6

Install pto support as shown using (2) 1/2" nuts to fasten to auger. Sandwich the pto support between existing 1/2" nuts and the (2) 1/2" nuts supplied in kit. The pto support is able to be used on either side of the auger.

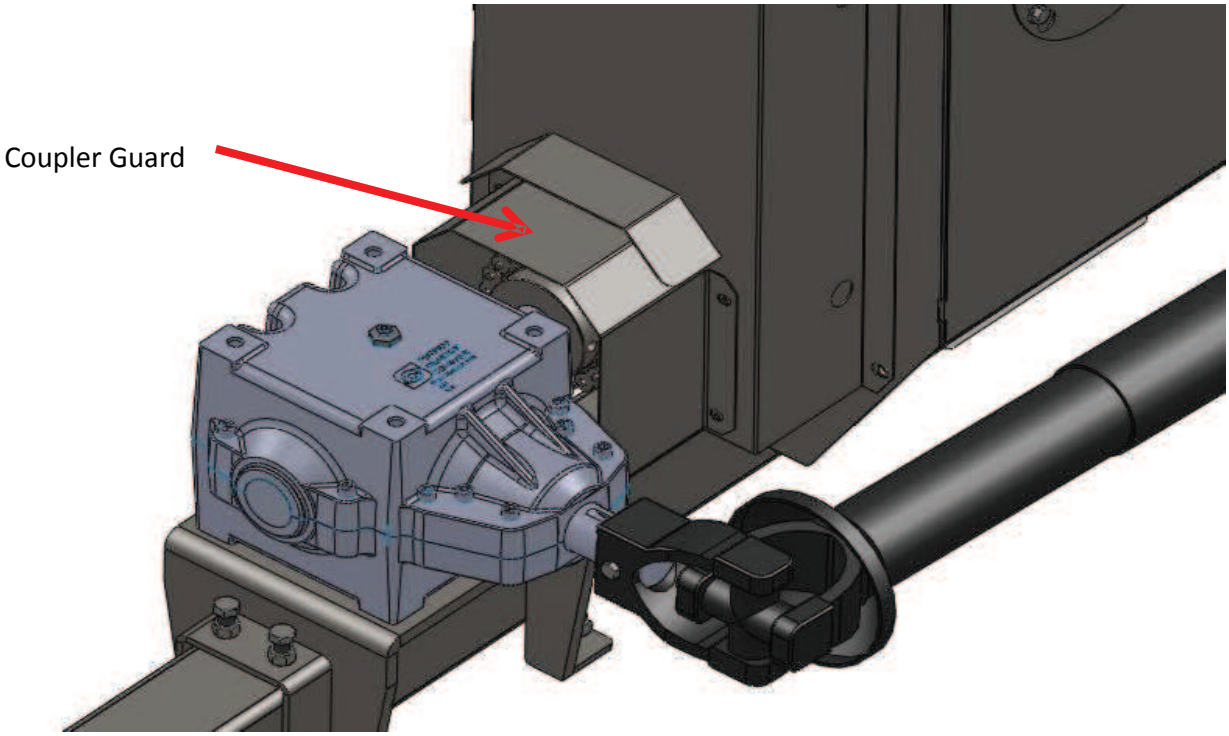


Step 7

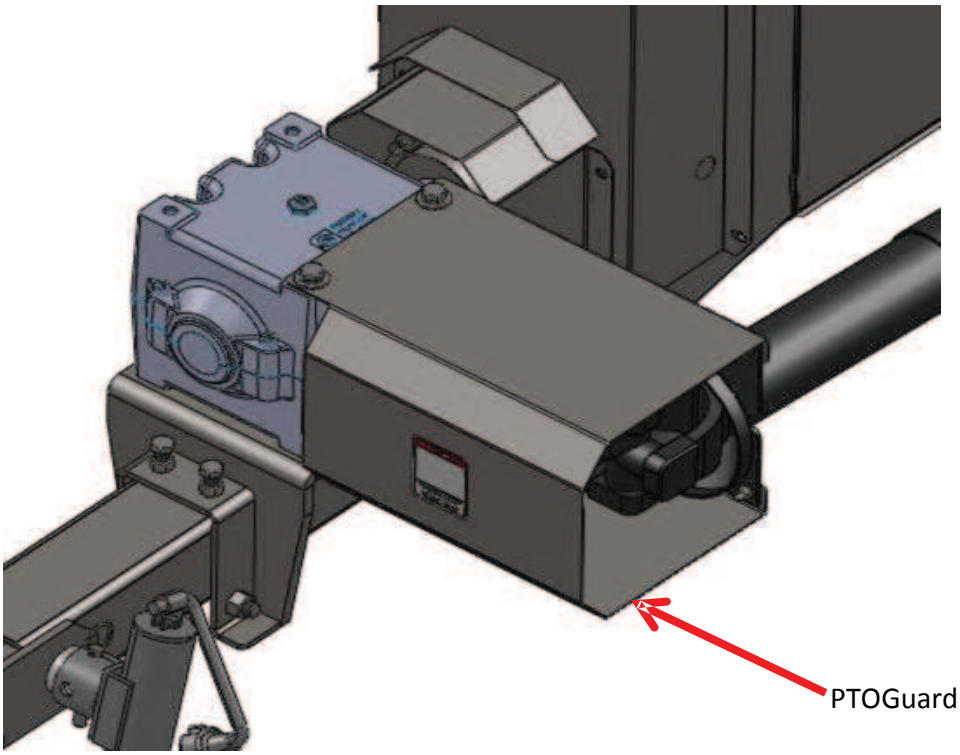
Install pto to gearbox using 3/8" key provided. Put the 3/8" X 2-3/4" bolt through the pto & gearbox input shaft and fasten with the 3/8" toplock nut provided.



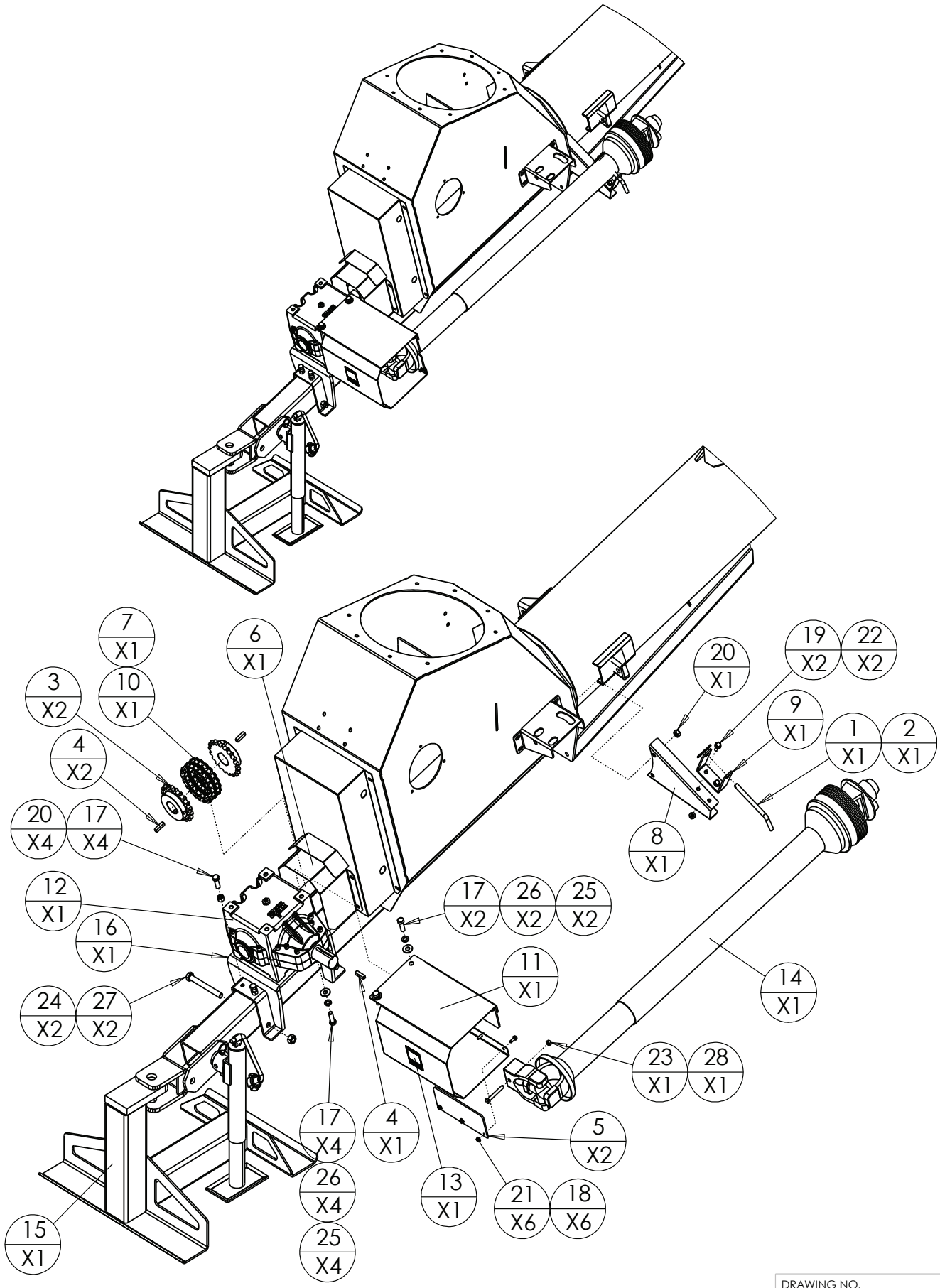
Step 8
Remove existing U-shaped shaft guard and replace with coupler guard supplied as shown. Use existing bolts to fasten coupler guard.



Step 9
Install the pto guard as shown using (4) 1/2" X 1-1/2" bolts w/spring & flat washer. These will fasten to the top & bottom of the gearbox.



REV	AUGER MODEL(S)	PART/ASSEMBLY DESCRIPTION
		RIGHT ANGLE DRIVE, H13



DRAWING NO.
PB30829

REV	AUGER MODEL(S)	PART/ASSEMBLY DESCRIPTION

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	10257	PIN,BENT, 1/2" x 5" USABLE LENGTH	1
2	10381	HAIRPIN, .093 X 1.625	1
3	10555	SPROCKET,#60x20,TOOTH,1.75 BORE,3/8 KW	2
4	10578	KEY, 3/8 X 1-1/2" SQUARE	3
5	10924	SHIELD, RUBBER, PTO SHAFT, T10XX	2
6	11290	SHIELD, CHAIN COUPLER, RIGHT ANGLE DRIVE, H13	1
7	11328	LINK, CONNECTOR, DOUBLE 60	1
8	11331	PTO SUPPORT, RIGHT ANGLE DRIVE, H13XXX	1
9	11332	BRACKET, PTO RETAIN, H13XX	1
10	11347	CHAIN,DOUBLE 60X(20 ROLLERS) W/CONN LINK,13"	1
11	11356	SHIELD, PTO SHAFT, H13XX	1
12	30481	GEARBOX, RIGHT ANGLE DRIVE, A10, H10, H13,	1
13	30507	DECAL,"ROTATING DRIVE HAZARD"	1
14	30840	SHAFT,PTO,CAT 6X50 CLOSED,RIGHT ANGLE DRIVE,13"	1
15	30880	WDLT,STAND,RIGHT ANGLE DRIVE, 13" AUGER	1
16	30885	BRACKET, RIGHT ANGLE DRIVE MOUNT, 13"	1
17	40004	BOLT, 1/2-13UNC X 1-1/2" HEX, GRD 5, ZINC	10
18	40014	BOLT, 1/4-20UNC X 3/4" HEX FLANGE, GRD 5, ZINC	6
19	40027	BOLT, 3/8-16UNC X 1-1/4" HEX FLANGE, GRD 5, ZINC	2
20	40046	NUT, 1/2-13UNC, GRD 5, ZINC	6
21	40049	NUT, 1/4-20UNC, HEX FLANGE, GRD 5, ZINC	6
22	40056	NUT, 3/8-16UNC, HEX FLANGE, GRD 5, ZINC	2
23	40058	NUT, 3/8-16UNC, HEX, TOPLOCK, ZINC	1
24	40062	NUT, 5/8-11UNC, HEX, TOPLOCK, ZINC	2
25	40066	WASHER, FLAT, 1/2", ZINC	6
26	40072	WASHER, LOCK, 1/2" SPLIT, ZINC	6
27	40081	BOLT, 5/8-11UNC X 5-1/2" HEX, GRD 5, ZINC	2
28	40096	BOLT, 3/8-16UNC X2-3/4" HEX , GRD 5, ZINC	1

DRAWING NO.
PB30829