



*The Original Farmer Designed*  
 59711 U.S. Hwy 12, Litchfield, MN 55355  
 1-888-485-8411

# Assembly Instructions

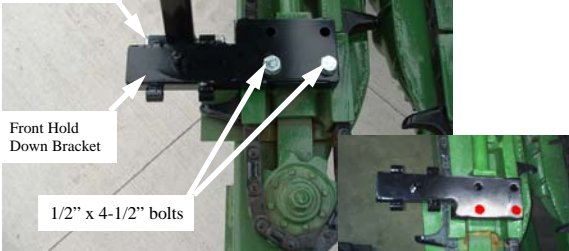
## GVL II

### John Deere 40 OR 90 Series

### 20 End Right (JD44415L-S & JD 94415L-S)

**Picture #1**

3/8" x 3 3/4" socket head bolt



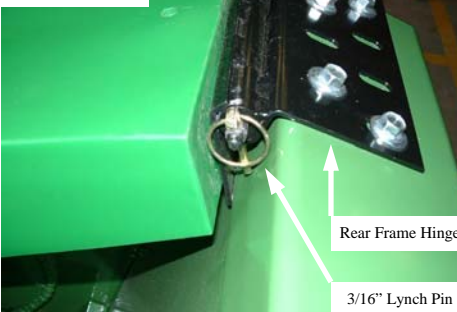
**Picture #2**



**Picture #3**

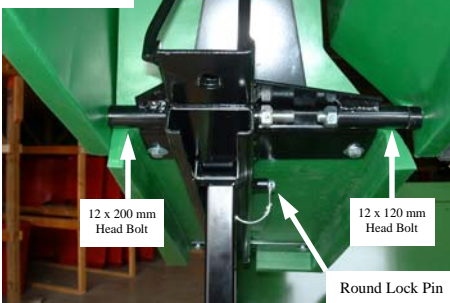


**Picture #4**



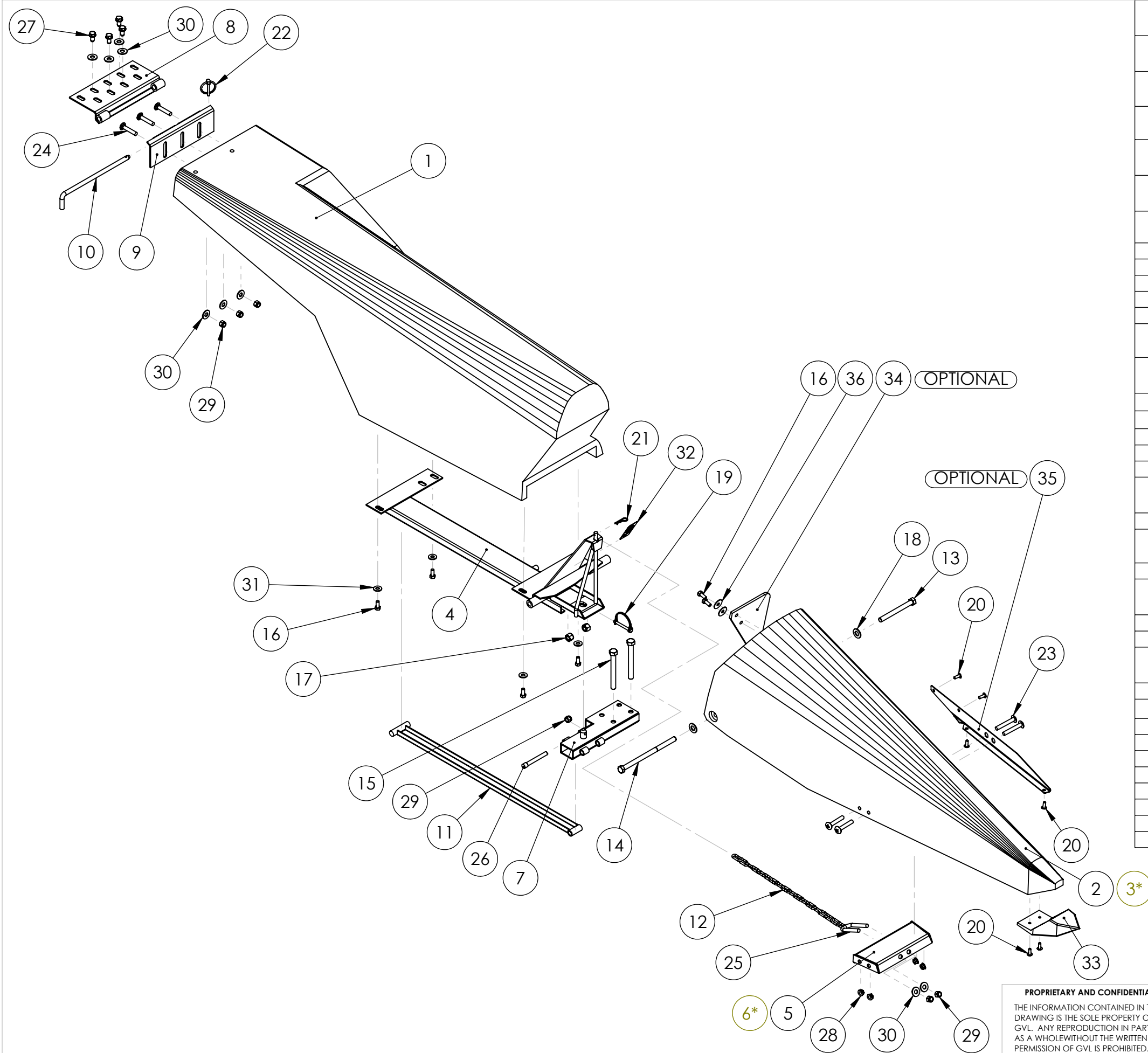
1. Remove old metal Gatherer Shields, brackets and braces.. **\*For 90 Series Only:** Grind the John Deere hold-down pin off flush with the top the chain tightening bracket.
2. Remove the outside bolt from the gatherer chain tightening bracket.
3. Mount the front hold down bracket using the 1/2" x 4 1/2" hex head Bolt. (Provided) Thread the bolt in, but leave it loose with the front of the bracket turned outward. **(Picture #1)**
4. Remove the inside bolt from the gatherer chain tightening bracket.
5. Turn the hold down bracket in and insert another 1/2" x 4 1/2" hex head bolt. **(Picture #1)**
6. Fasten the front of the bracket with two 3/8" x 1" carriage bolts and flanged serrated nuts.
7. Tighten all front hold down bolts.
8. Mount the rear gatherer hinge using three 3/8" x 2" carriage bolts, washers and nylon lock nuts. (Leave loose) **(Picture #2)**
9. Set the End Assembly on the head, placing the Front Hold Down pin through the bottom hole of the frame. (Place the 1/4" x 1 3/4" Round lock pin through the hole in the hold down pin.) **(Picture #3)**
10. Slide the frame with the gatherer shield back, so the hold down pin is to the front of the slot of the frame. (Clamp in place.)
11. Assemble the Rear Frame Hinge with the long L-shaped pin and secure it with the 3/16" lynch pin. **(Picture #4)**
12. Position and align the gatherer.
13. Position the Hinge on top of the rear tube and drill 5/16" holes.
14. Fasten the Rear Hinge to the frame with 3/8" x 3/4" self tapping hex head bolts. (Provided) **(Picture #4)**
15. Place the Prop Rod with the T-end in the slot on the frame. **(Picture #5)** Use a 3/8" x 3 3/4" socket head bolt and nylon lock nut to attach to the front hold down.
16. **Slightly loosen the 4 frame bolts that attaches the frame to the rear poly from underneath to allow alignment of the hole and the front hold down pin pictured in picture #1. (Picture #6)**
17. Tighten all bolts and nuts. **(Picture #1)**
18. Install the front snout. (Make sure the 1/2" washers are placed on the bolt before putting them through the hole in the plastic.) **(Picture #5)**

**Picture #5**



**Picture #6**





ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	GN 14411-L	20's END RIGHT BACK LONG GREEN	1
2	GN 14400-S	20's RIGHT END SHORT GREEN	1
3*	GN 14400	20's RIGHT END LONG GREEN	1
4	UN 04422	RIGHT END 20's MAIN FRAME GVLII	1
5	UN 11403-S	END FRONT GATH BRKT-20-SHORT	1
6*	UN 11403	END FRONT GATH BRKT-20-LONG	1
7	JD 44723	FRONT HOLD DOWN BRKT	1
8	JD 46724	REAR FRAME HINGE	1
9	JD 46725	REAR GATHERER HINGE	1
10	JD 46726	HINGE PIN ENDS	1
11	UN 00007	UNIVERSAL PROP ROD	1
12	PCC-316	3/16" PROOF CHAIN 21 LINK	1
13	12-120 MHB	12X120MM METRIC HX HEAD BOLT	1
14	12-200 MHB	12x240 HX HD METRIC BOLT	1
15	12-412 HB	1/2"x4 1/2" HEX HEAD BOLT	2
16	516-34 HB	5/16"x3/4" HX HD BOLT	6
17	12-MLN	12mm METRIC LOCK NUT	2
18	12-W SAE	1/2" SAE WASHER	2
19	14-134 RLP	1/4"x1 3/4" ROUND LOCKING PIN	1
20	14-34 TTS	1/4"x3/4" SELF TAP SCREW	6
21	332-158 HPC	3/32"x1 5/8" HAIR PIN CLIP	1
22	316-LP	3/16" LYNCH PIN	1
23	38-134 THB	3/8" X 1-3/4" PHILLIPS TRUSS HEAD BOLT	4
24	38-2 CB	3/8"x2 CARR BOLT	3
25	38-3 UB	3/8" X 3" U-BOLT	1
26	38-334 SHCS	3/8" X 3-3/4" SOCKET HEAD CAP SCREW	1
27	38-34 HWH	3/8"x 3/4" SELF TAP HEX HB	4
28	38-FSN	3/8" FLANGE SERRATED NUT	4
29	38-NLN	3/8" NYLON LOCK NUT	6
30	38-W USS	3/8" USS FLAT WASHER	9
31	516-W USS	5/16" USS WASHER	4
32	SN-531	SERIAL NUMBER TAG	1
33	WP-96	WHITE WEAR POINT	1
34	ESB-GVL	GVL EAR SAVER	1
35	UN 21001	SS WEAR STRIPS-LEFT EDGE	1
36	516-W F	5/16 FENDER WASHER	2

	NAME	DATE
DRAWN	ALS	3/11/08
REVISED	MLB	10-30-12
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

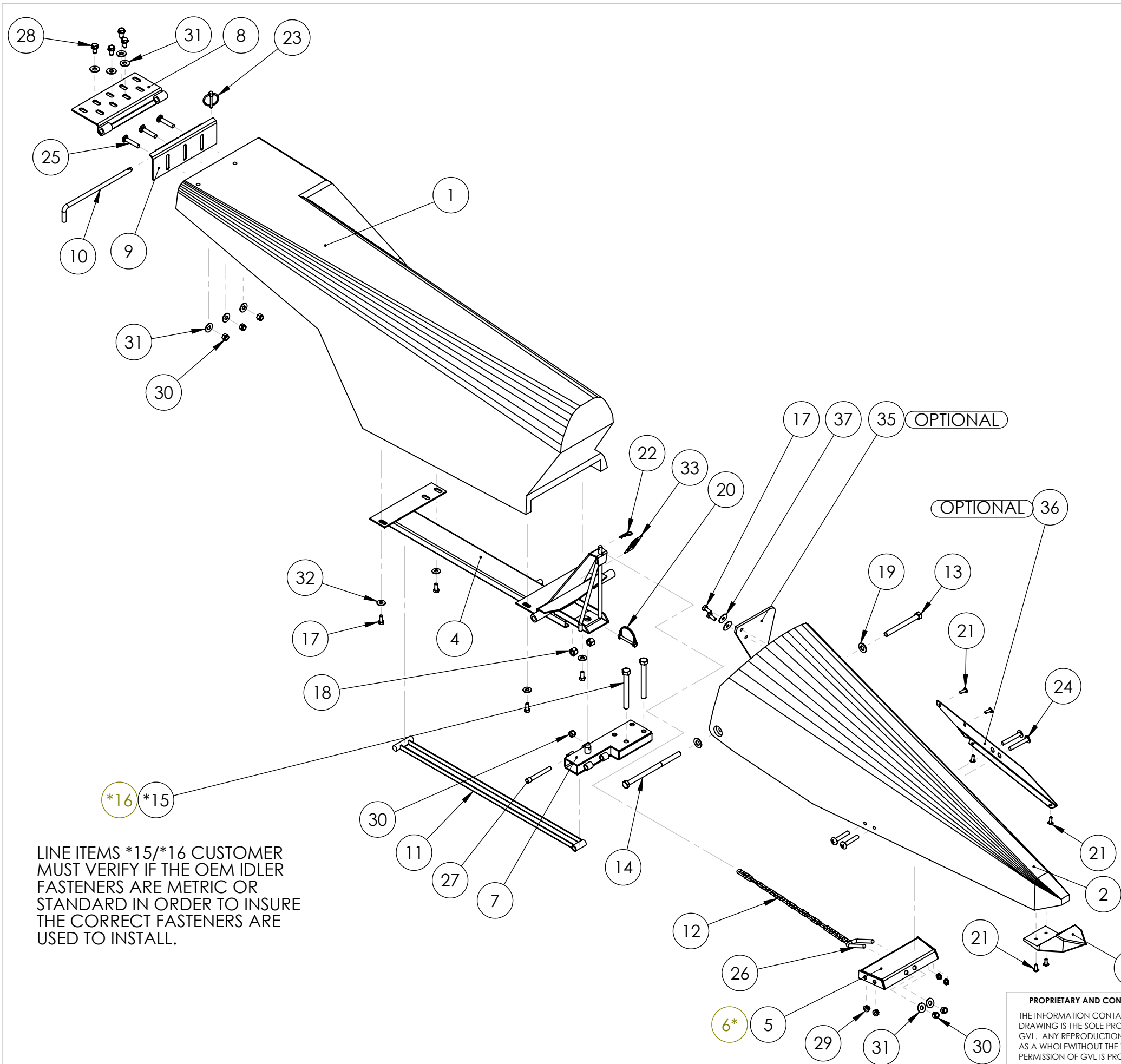
GVL POLY

TITLE:  
**JD 20's RIGHT END  
 40 SERIES GVL II**

SIZE <b>B</b>	DWG. NO. <b>JD 44415L-S JD 44415L</b>	REV <b>A</b>
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SCALE: 1:1 | WEIGHT: | SHEET 1 OF 1

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LINE ITEMS \*15/\*16 CUSTOMER MUST VERIFY IF THE OEM IDLER FASTENERS ARE METRIC OR STANDARD IN ORDER TO INSURE THE CORRECT FASTENERS ARE USED TO INSTALL.

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REVISED	MLB	11-19-12
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

TITLE: **JD 20's RIGHT END 90 SERIES GVL II**

SIZE **B** DWG. NO. **JD 94415L-S** REV **B**

SCALE: 1:1 | WEIGHT: | SHEET 1 OF 1