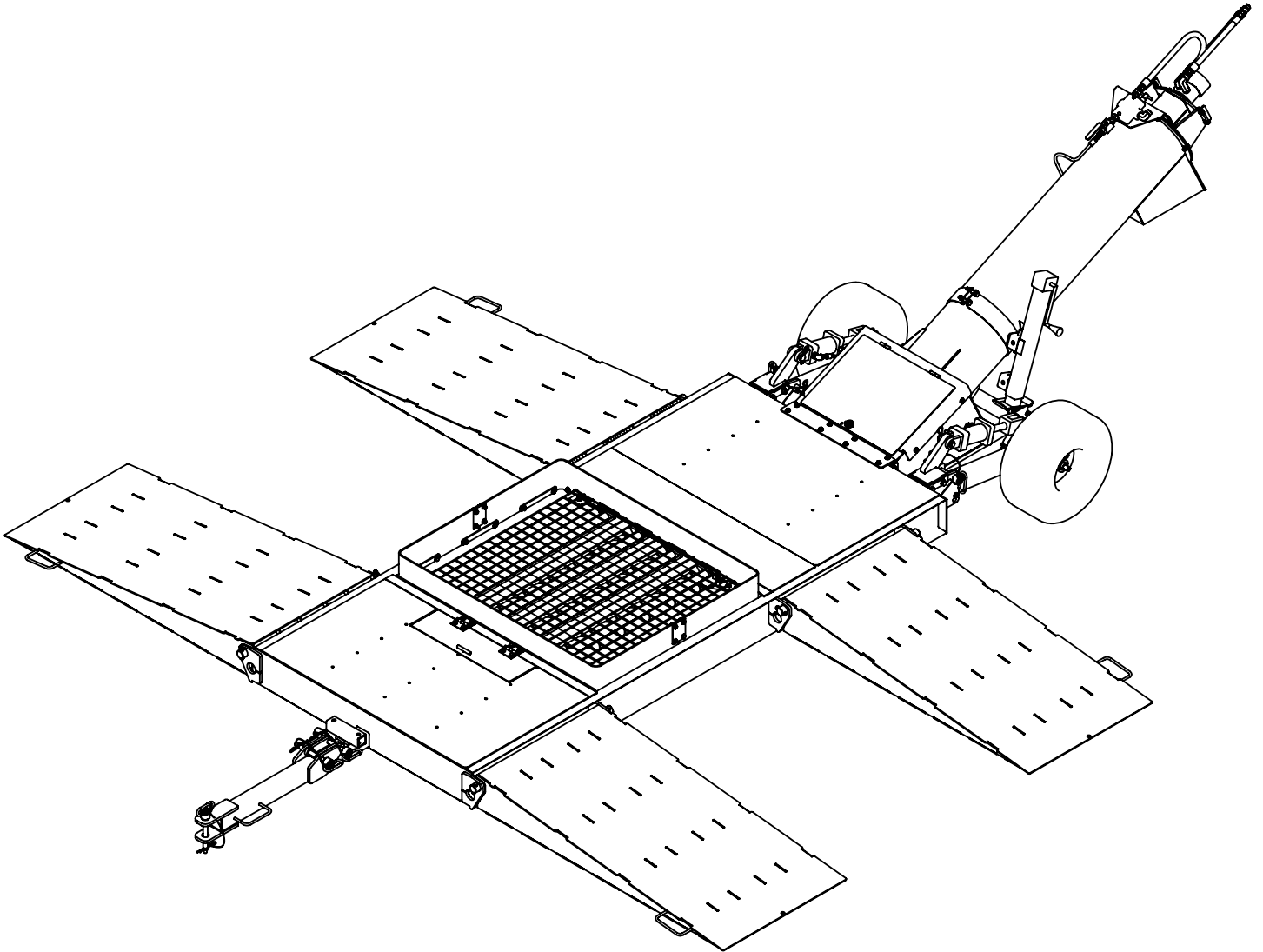


BURCHLAND

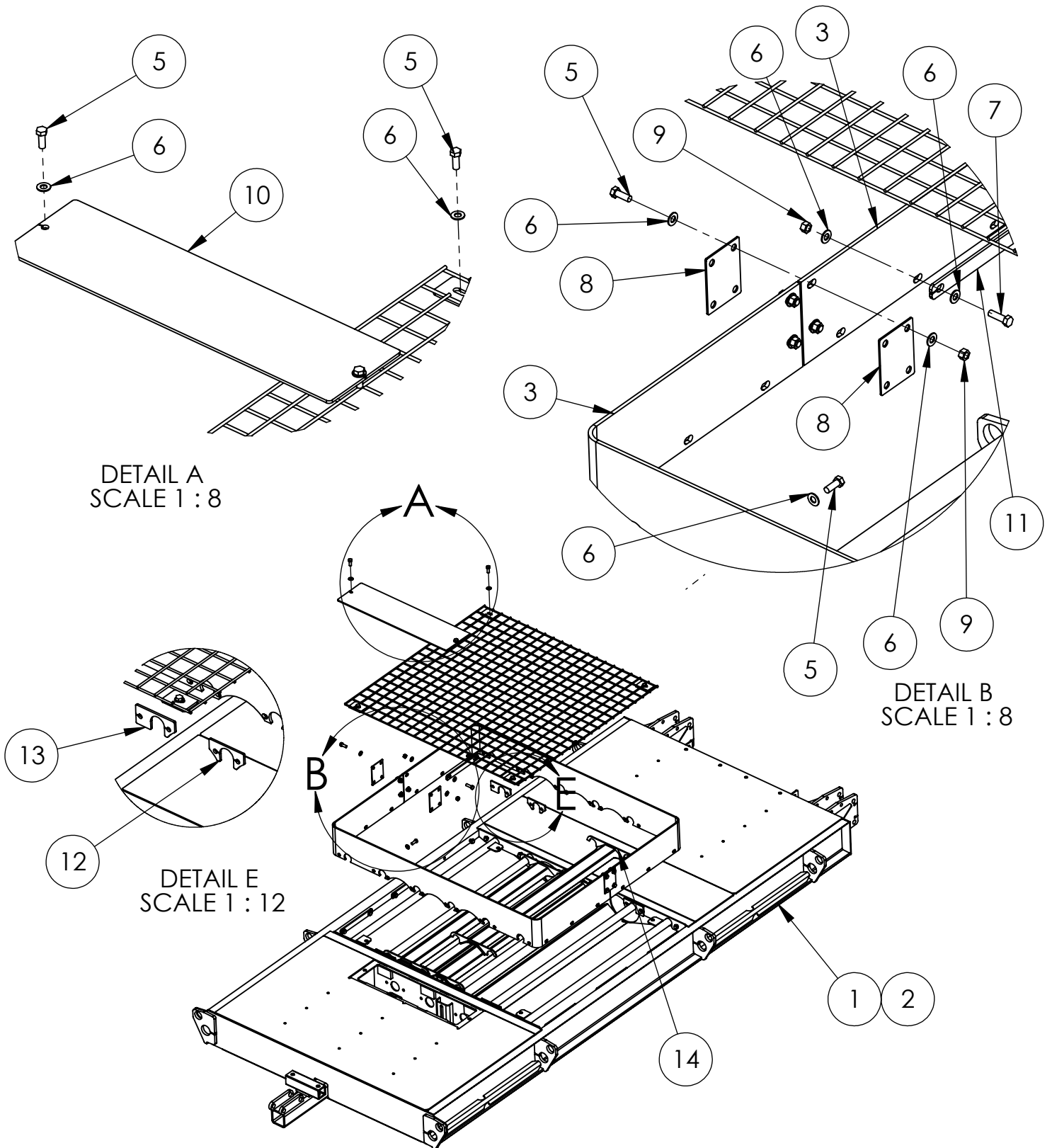
GSX 100 / 130

DRIVE OVER GRAIN HOPPER



PARTS BOOK

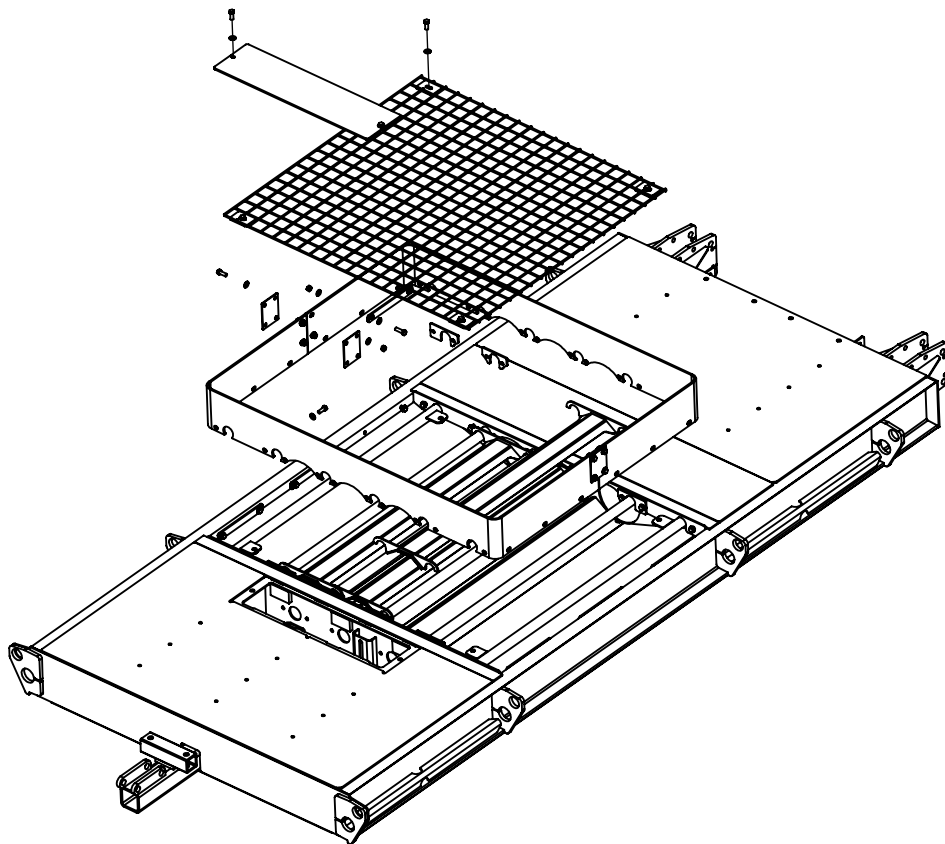
GSX-130 FRAME AND GUARD ASSEMBLY 12863
GSX-100 FRAME AND GUARD ASSEMBLY 12372



NOTE: SERIAL # ENDING IN #089 AND LATER

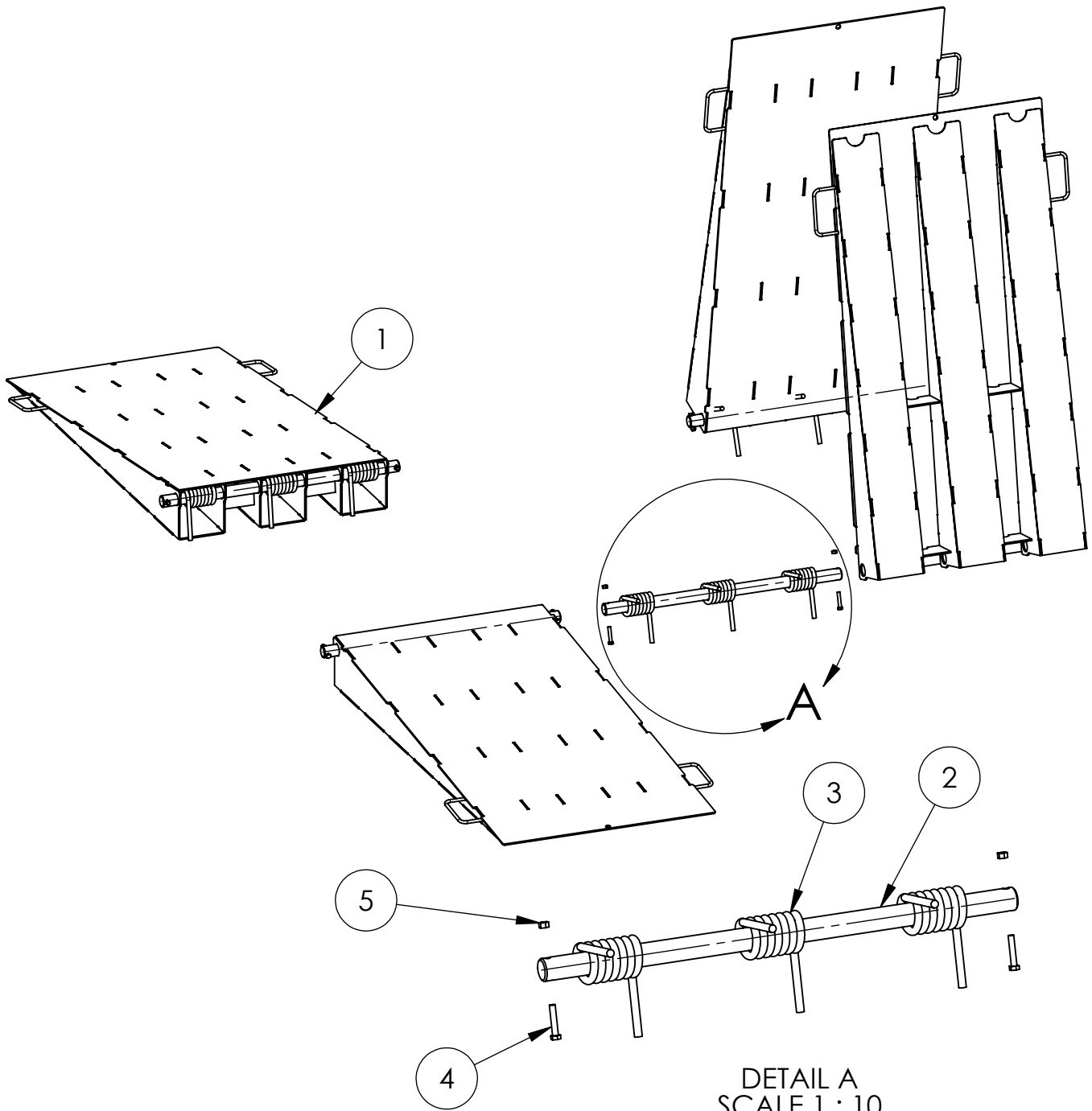
GSX-130 FRAME AND GUARD ASSEMBLY 12863
 GSX-100 FRAME AND GUARD ASSEMBLY 12372

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	12553	HOPPER FRAME, GSX 130	1
2	12647	HOPPER FRAME, GSX 100	1
3	12315	RUBBER SKIRT, GSX	2
4	12248	HOPPER COVER, WIRE MESH	1
5	10112	BOLT, 3/8-16 X 1 GR8 ZY	34
6	10110	WASHER, 3/8 SAE GR8 ZY	66
7	10113	BOLT, 3/8-16 X 1.25 GR8 ZY	12
8	12250	PLATE, RUBBER BELTING	4
9	10947	NUT, 3/8-16 SLTL GR8 ZY	20
10	17175	PLATE, TREAD DOOR	1
11	12881	PLATE, RUBBER SKIRT MOUNT	6
12	12882	PLATE, RUBBER SKIRT WASHER	4
13	12883	PLATE, RUBBER SKIRT WASHER	4
14	13002	AUGER COVER	3



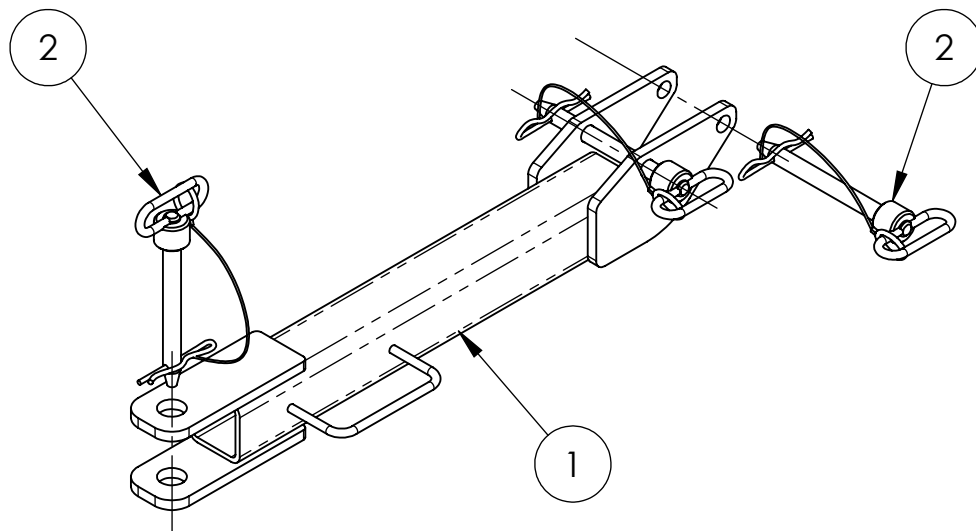
NOTE SERIAL # ENDING IN 089 AND LATER

GSX RAMP ASSY 12371



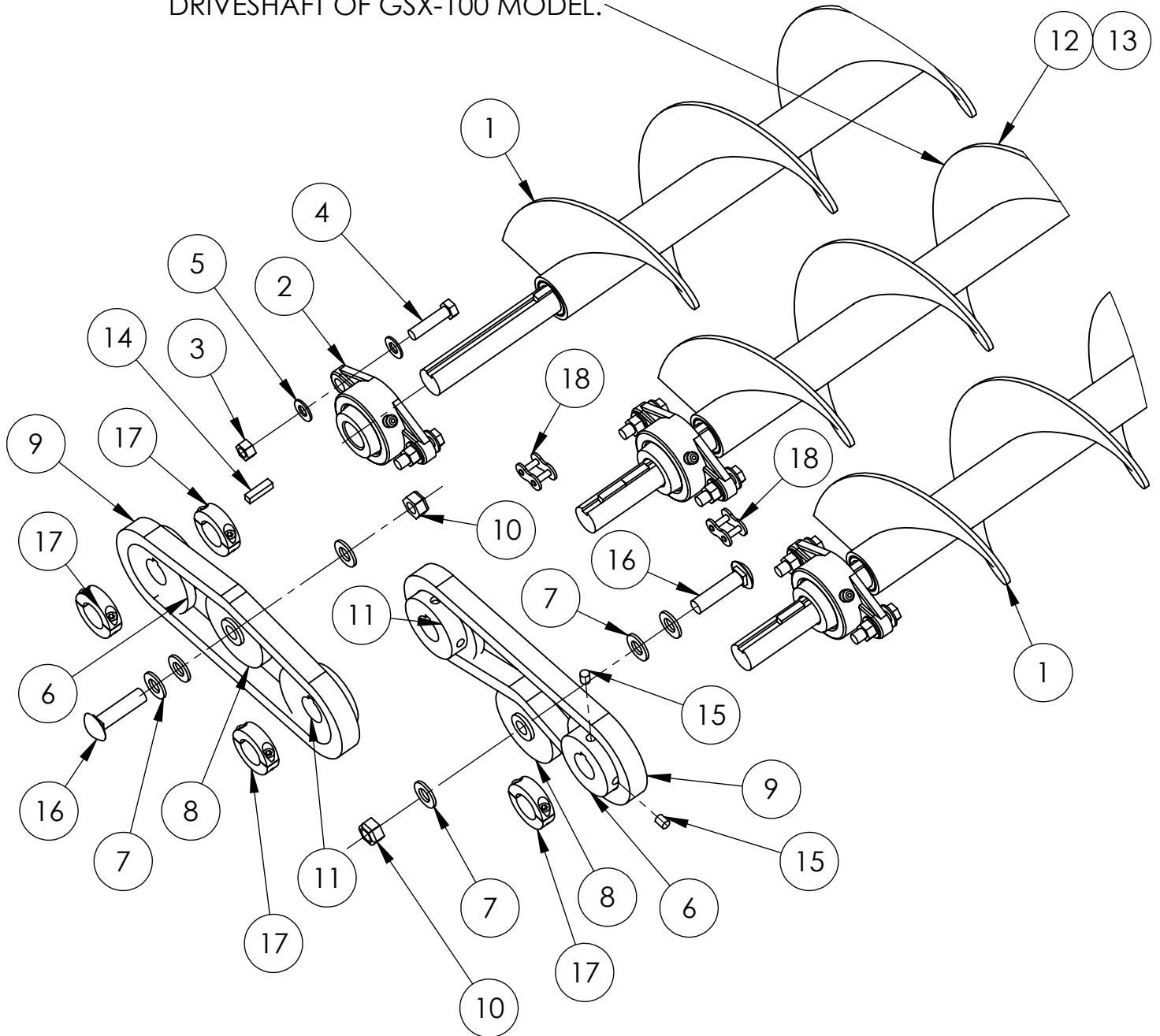
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	15618	HOPPER RAMP, 5FT	4
2	12247	BAR, RAMP HINGE	4
3	12246	RAMP SPRING (B, 90 DEG)	12
4	11126	BOLT, 3/8-16 X 2.0 GR8 ZY	8
5	10947	NUT, 3/8-16 SLTL GR8 ZY	8

GSX HITCH ASSY 12274



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	11906	HOPPER TONGUE	1
2	12078	HITCHPIN W/ LANYARD 3/4 X 6 1/2	3

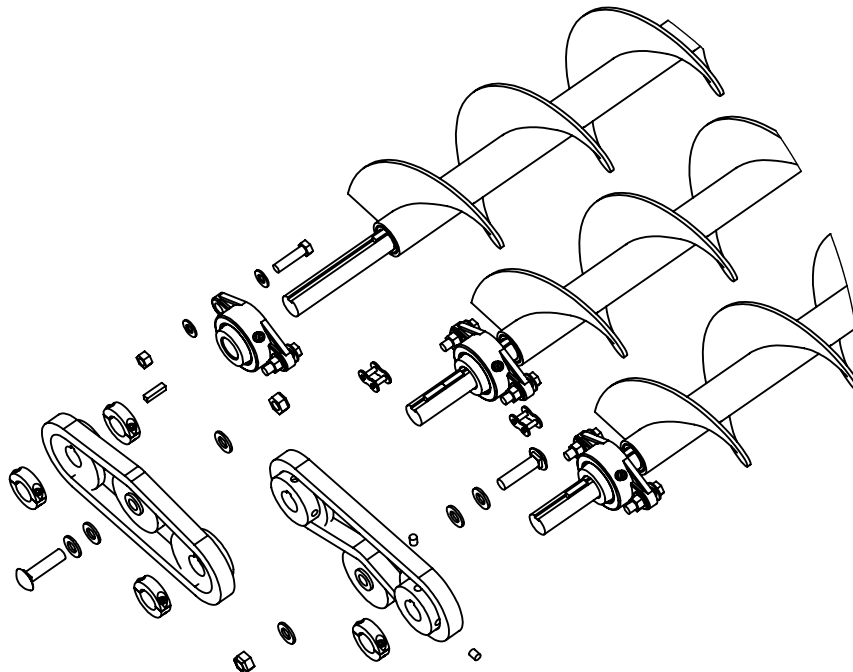
NOTE: NO FLIGHTING ON CENTER DRIVESHAFT OF GSX-100 MODEL.



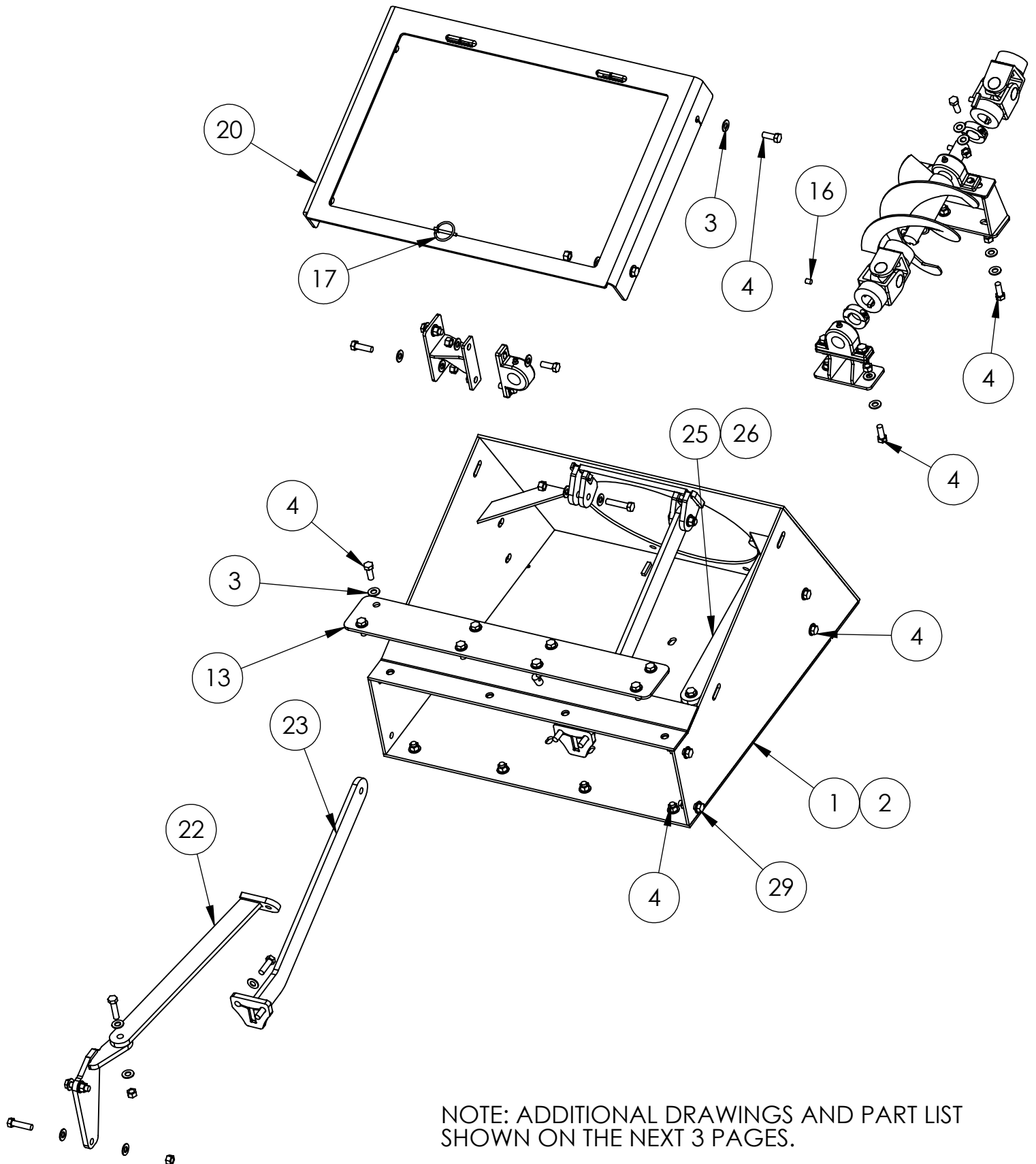
GSX-130 AUGER DRIVE ASSEMBLY 12590
GSX-100 AUGER DRIVE ASSEMBLY 12649

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	12584	AUGER, 6" OD X 101"	2
2	12269	BEARING, 1.0 2-BOLT FLANGE	3
3	10947	NUT, 3/8-16 SLTL GR8 ZY	6
4	12257	BOLT, 3/8-16 X 1.5 GR8 ZY	6
5	10110	WASHER, 3/8 SAE GR8 ZY	12
6	13294	SPROCKET, #50, 13T, 1.0 BORE	2
7	10062	WASHER, 1/2 SAE GR8 ZY	6
8	12026	IDLER SPROCKET, 5013	2
9	12379	ROLLER CHAIN, #50 X 39 LINK	2
10	10396	NUT, 1/2-13, SLTL GR8 ZY	2
11	12267	SPROCKET, #50, 15T, 1.0 BORE	2
* 12	12587	AUGER, 6" OD X 87.25	1
* 13	12650	DRIVESHAFT, GSX-100	1
14	12279	KEYSTOCK, 1/4 X 1/4 X 1.0	4
15	12393	SETSCREW, 5/16-18 X 3/8, KNURLED CUP	8
16	12908	BOLT, 1/2-13 X 1.75 CARRIAGE	2
17	13287	COLLAR, 1.0 ID, 2 PIECE SPLIT	4
18	12330	CONNECTING LINK, #50	2

* USE ITEM #12 ON GSX-130, USE ITEM #13 ON GSX-100



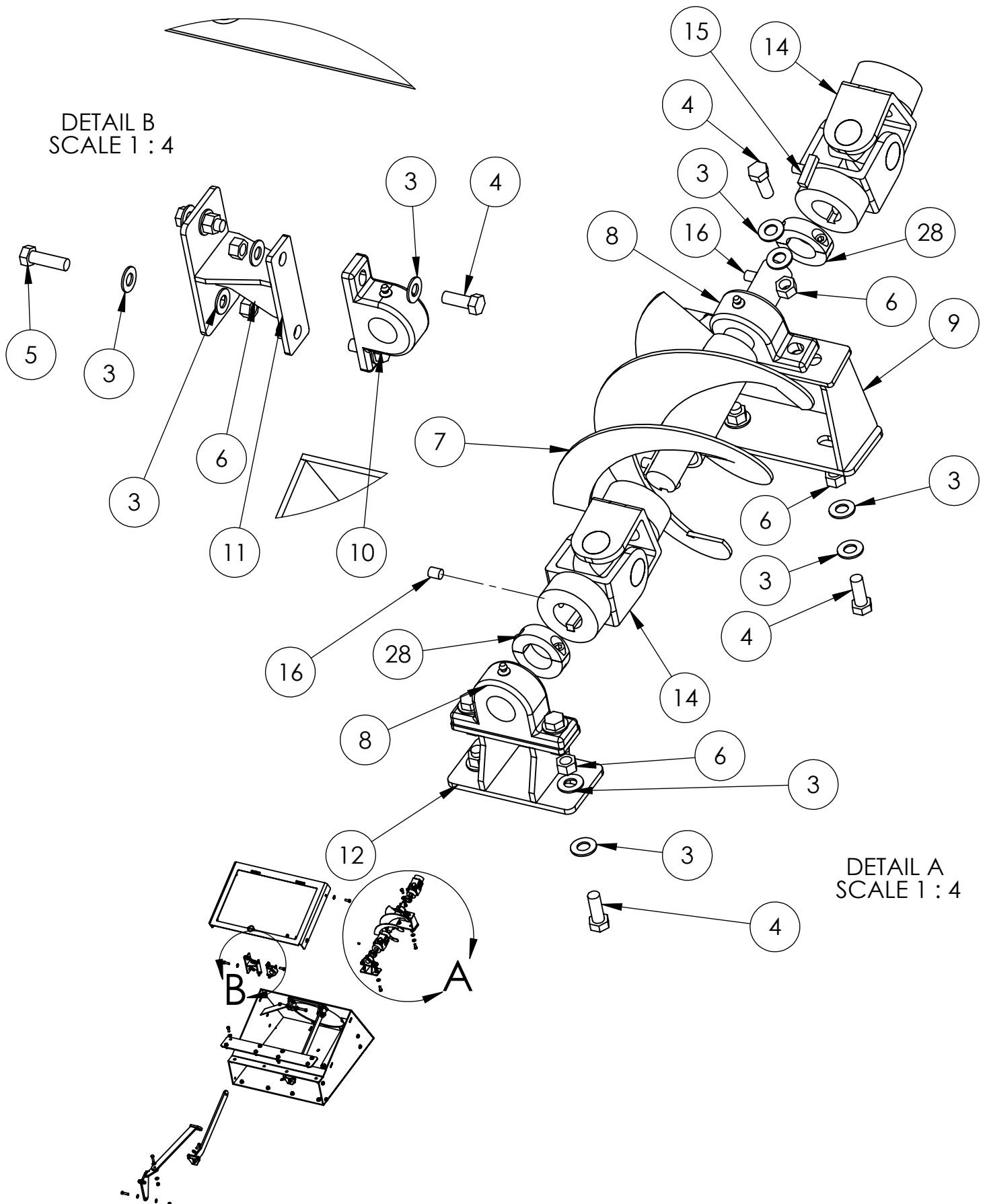
GSX 130 JUNCTION BOX ASSEMBLY 12860
GSX 100 JUNCTION BOX ASSEMBLY 12271



NOTE: ADDITIONAL DRAWINGS AND PART LIST
SHOWN ON THE NEXT 3 PAGES.

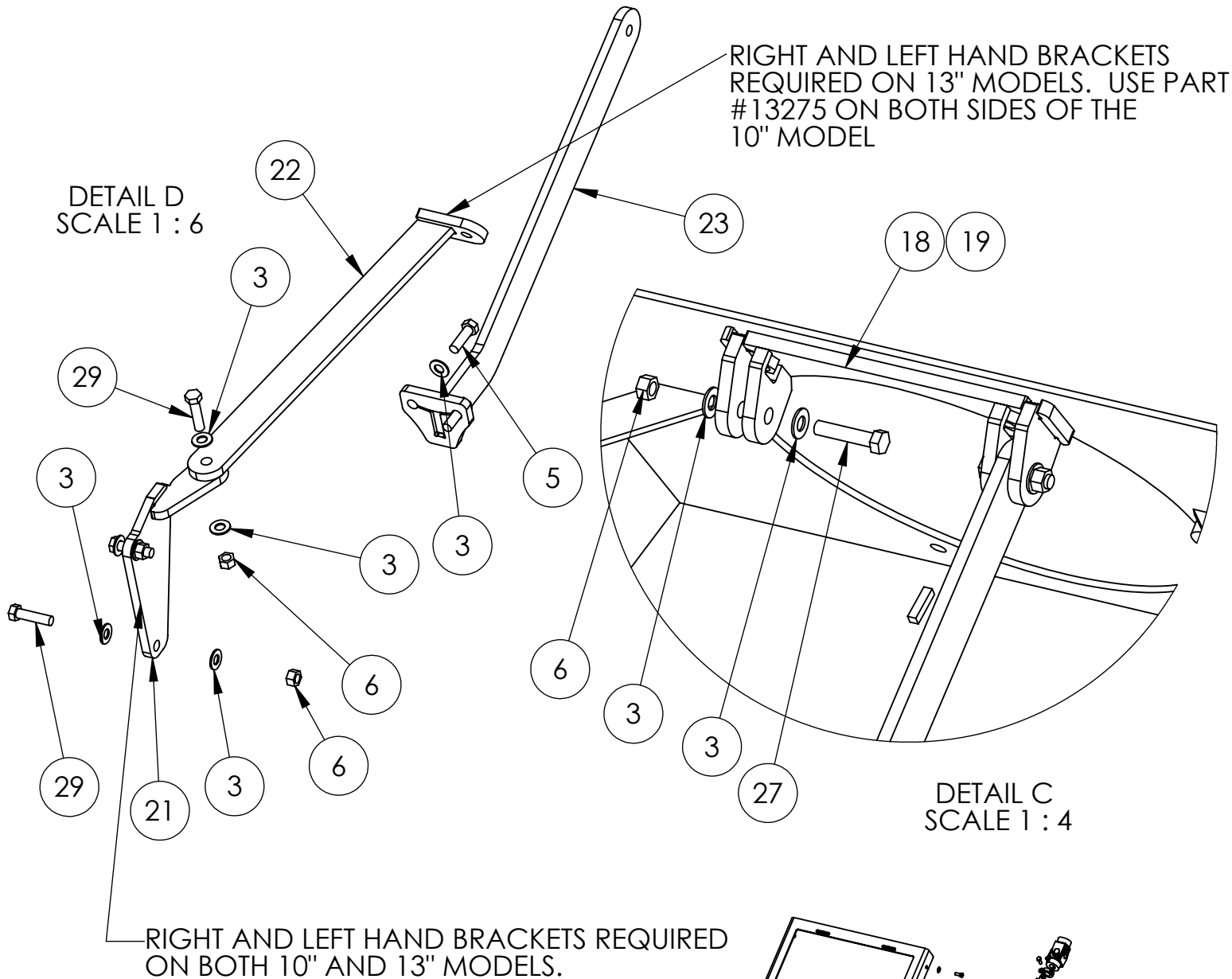
NOTE: DRAWINGS SHOW PARTS FOR THE 13" MODEL

GSX 130 JUNCTION BOX ASSEMBLY 12860
GSX 100 JUNCTION BOX ASSEMBLY 12271



NOTE: DRAWINGS SHOW PARTS FOR THE 13" MODEL

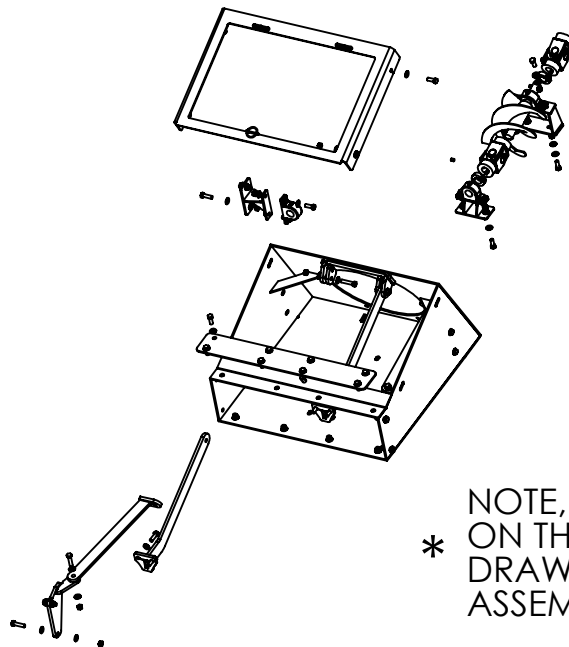
GSX 130 JUNCTION BOX ASSEMBLY 12860
GSX 100 JUNCTION BOX ASSEMBLY 12271



NOTE: DRAWINGS SHOW PARTS FOR THE 13" MODEL

GSX 130 JUNCTION BOX ASSEMBLY 12860
GSX 100 JUNCTION BOX ASSEMBLY 12271

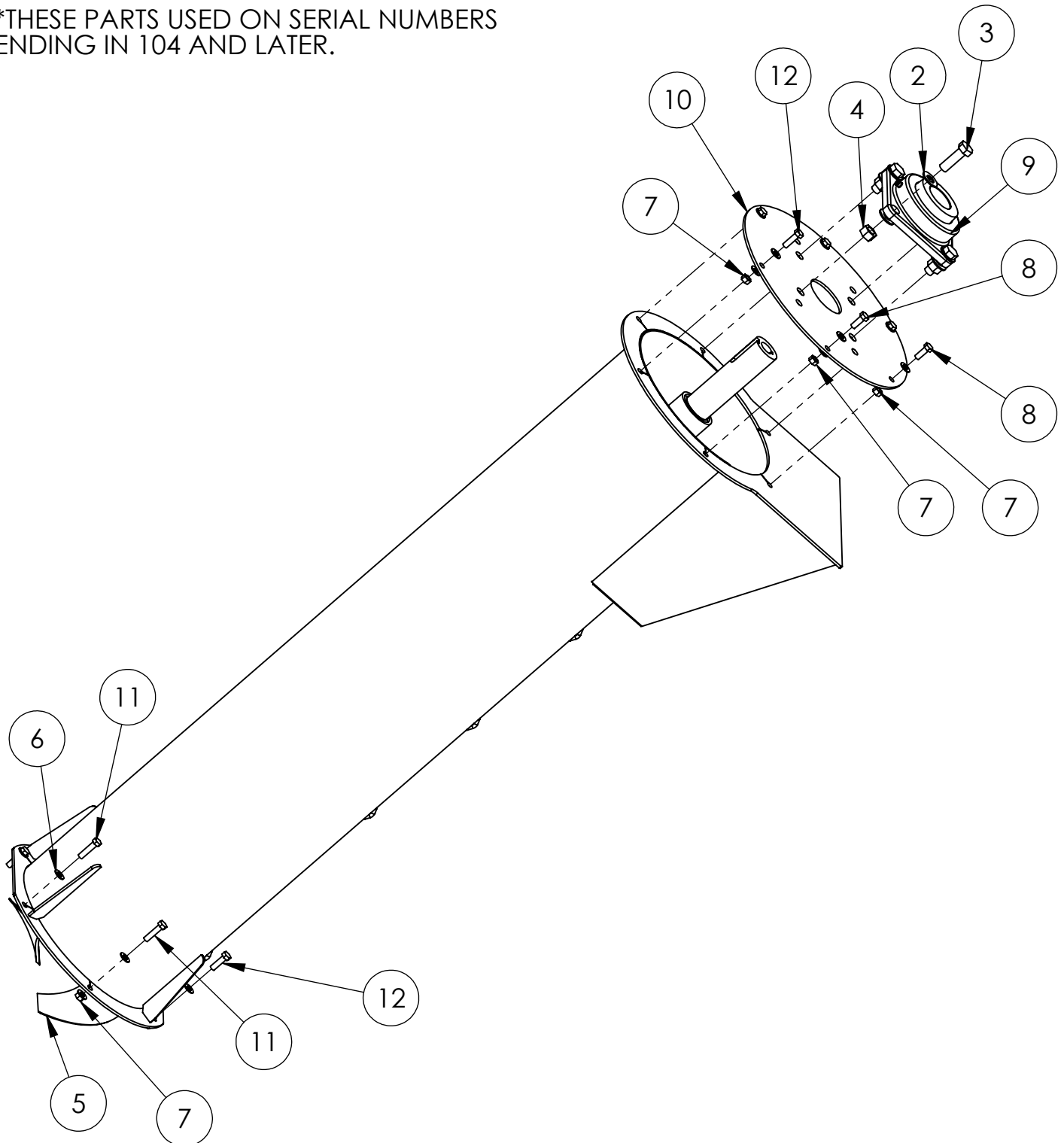
ITEM NO.	PART NUMBER	DESCRIPTION	QTY	
1	12286	JUNCTION BOX, 13"	1	
2	12042	JUNCTION BOX, 10"	1	*
3	10110	WASHER, 3/8 SAE GR8 ZY	77	
4	10112	BOLT, 3/8-16 X 1 GR8 ZY	30	
5	10113	BOLT, 3/8-16 X 1.25 GR8 ZY	6	
6	10947	NUT, 3/8-16 SLTL GR8 ZY	32	
7	11937	AUGER, 6" U-JOINT	1	
8	12655	BEARING, 1.0 BRONZE, ZERK 0	2	
9	12646	BEARING MOUNT BRACKET	1	
10	12656	BEARING, 1.0 BRONZE, ZERK 90	2	
11	12638	AUGER MOUNT, SIDE	2	
12	12643	AUGER MOUNT, BOTTOM	1	
13	12239	PLATE, BOX SUPPORT	1	
14	12266	U-JOINT ASSY, 1.0 X 1.0	2	
15	12279	KEYSTOCK, 1/4 X 1/4 X 1.0	4	
16	12393	SETSCREW, 5/16-18 X 3/8, KNURLED CUP	8	
17	10124	LYNCHPIN, 3/16	1	
18	13258	AUGER SUPPORT BRK., 130	1	
19	13270	AUGER SUPPORT BRACKET, 100	1	*
20	12674	JUNCTION BOX COVER	1	
21	13273	BRACKET, RIGHT SUPPORT	1	
22	13297	BRACKET, RIGHT SUPPORT, 130	1	
23	13267	AUGER SUPPORT BRACKET	2	
24	13293	BRACKET, LEFT SUPPORT	1	
25	13298	BRACKET, LEFT SUPPORT, 130	1	
26	13275	PLATE, 100 SUPPORT BAR	2	*
27	10135	BOLT, 3/8-16 X 1.75 GR8 ZY	2	
28	13287	COLLAR, 1.0 ID, 2 PIECE SPLIT	2	
29	12257	BOLT, 3/8-16 X 1.5 GR8 ZY	6	



* NOTE, THESE ITEMS ARE USED
ON THE 10" ASSEMBLY ONLY, #12271.
DRAWINGS SHOW ITEMS IN THE 13"
ASSEMBLY, #12860.

DISCHARGE AUGER ASSEMBLY, 130, 13093

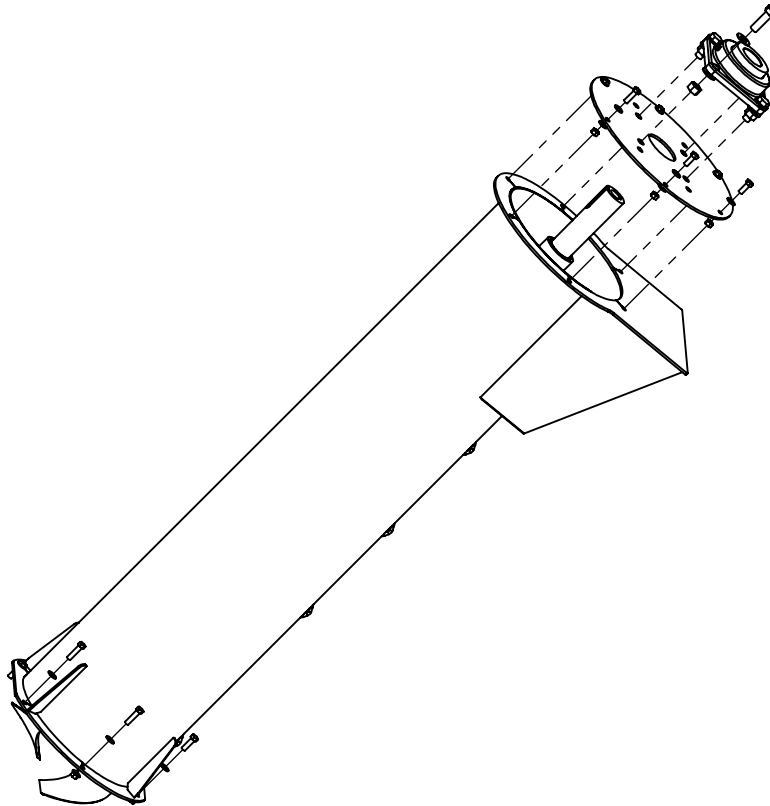
*THESE PARTS USED ON SERIAL NUMBERS
ENDING IN 104 AND LATER.



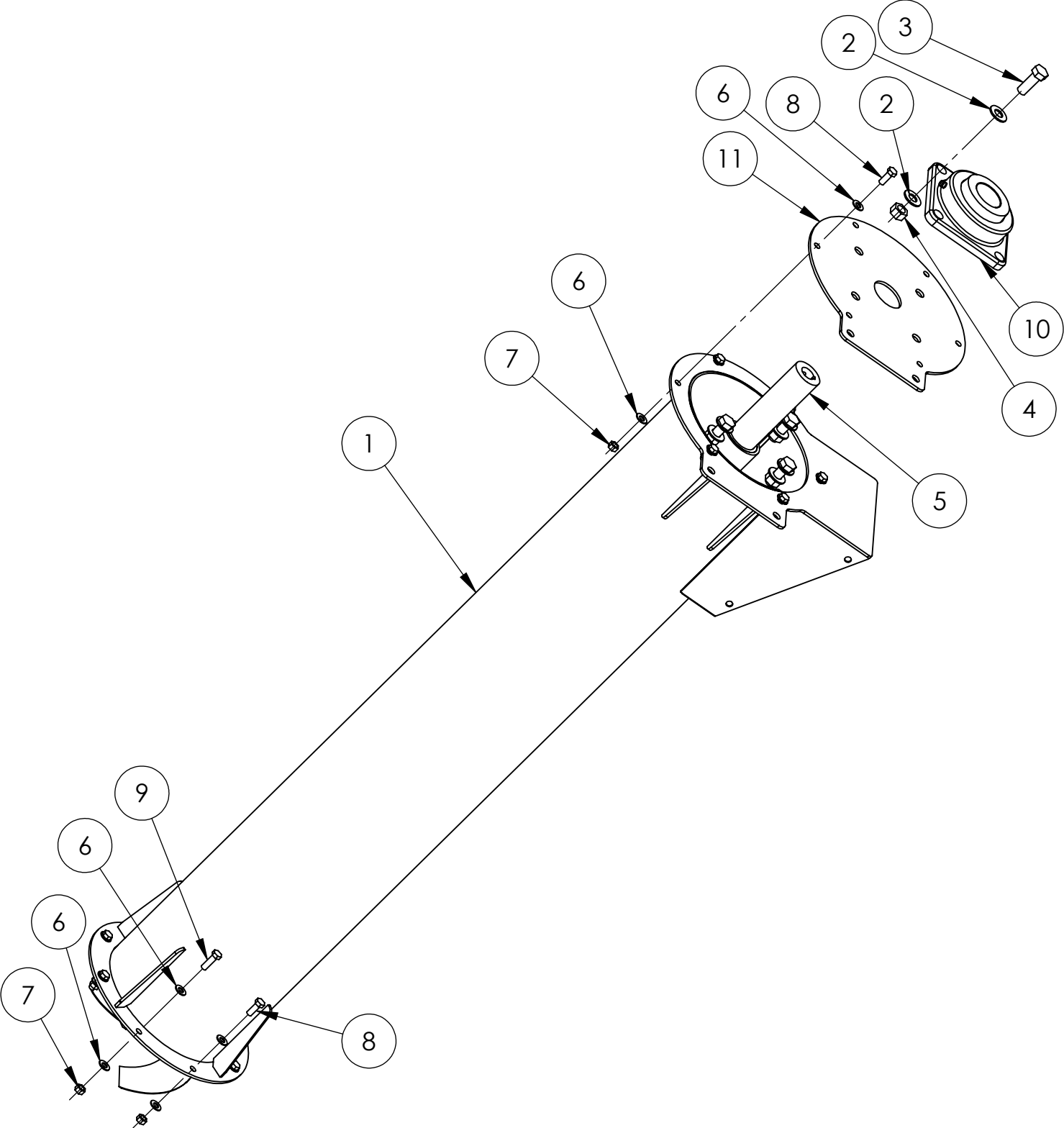
DISCHARGE AUGER ASSEMBLY, 130, 13093

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	13044	DISCHARGE TUBE, GSX 130	1
2	10104	WASHER, 5/8 GR8 ZY	8
3	10886	BOLT, 5/8-11 X 2.0 GR8 ZY	4
4	10105	NUT, 5/8-11 SLTL GR8 ZY	4
5	13094	LIFT AUGER, GSX 130	1
6	10110	WASHER, 3/8 SAE GR8 ZY	22
7	10947	NUT, 3/8-16 SLTL GR8 ZY	10
8	10112	BOLT, 3/8-16 X 1 GR8 ZY	4
9	12268	BEARING, 2.0 4 BOLT FLANGE	1
10	12568	PLATE, DISCHARGE END, 130	1
11	12257	BOLT, 3/8-16 X 1.5 GR8 ZY	4
12	10113	BOLT, 3/8-16 X 1.25 GR8 ZY	4

*THESE PARTS USED ON SERIAL NUMBERS
ENDING IN 104 AND LATER.

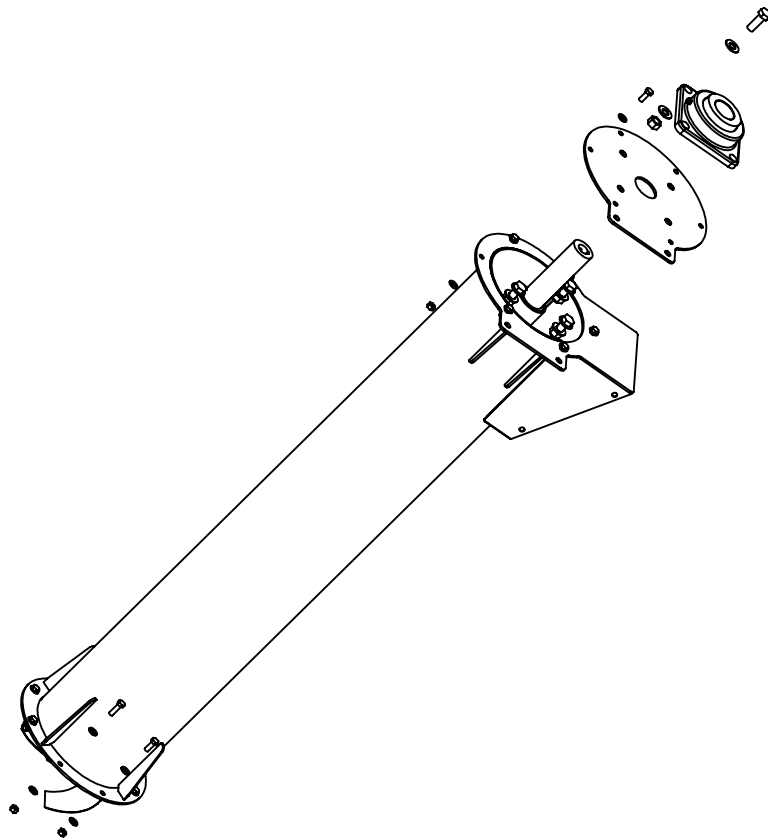


DISCHARGE AUGER ASSEMBLY, 100, 12654

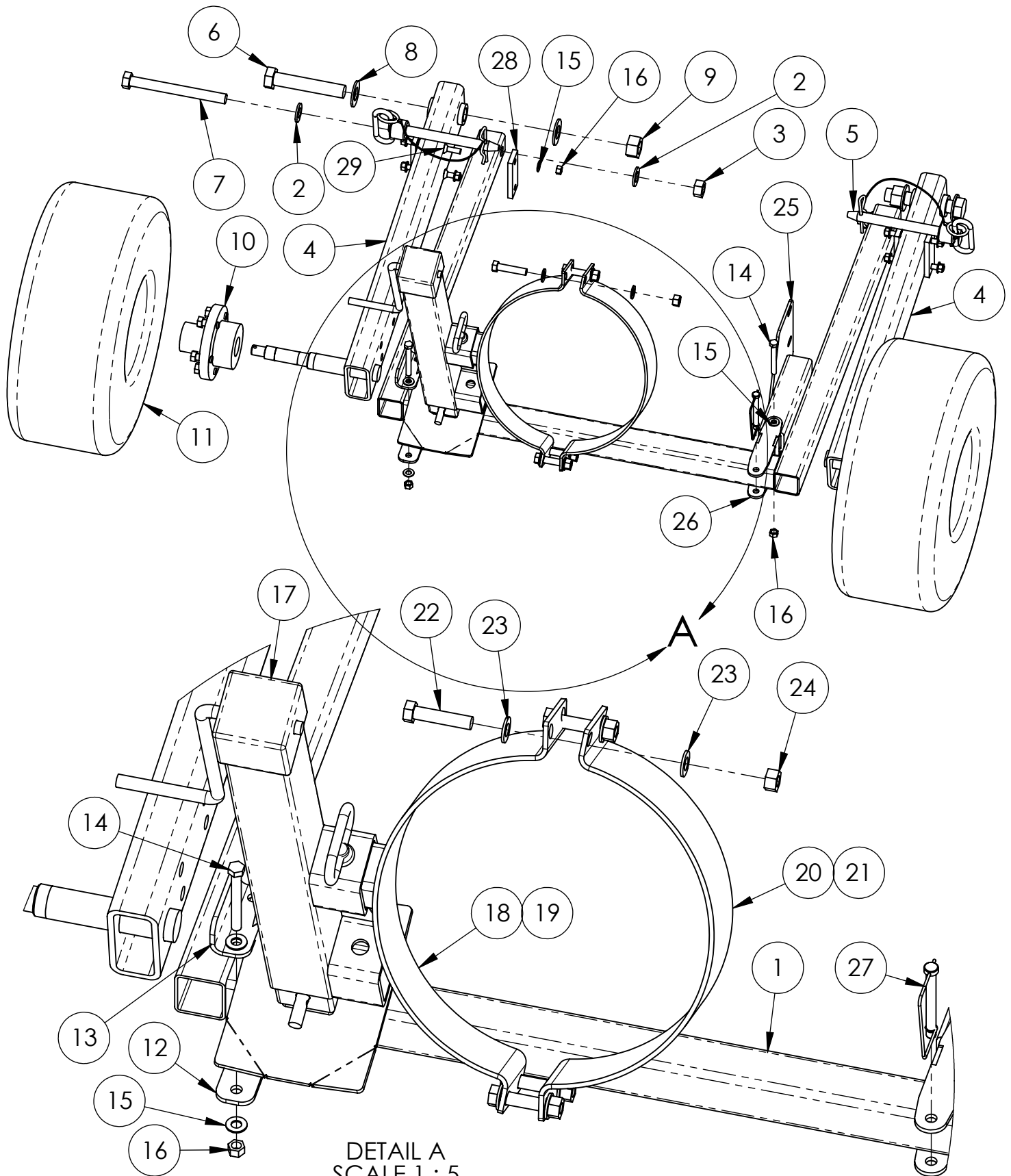


DISCHARGE AUGER ASSEMBLY, 100, 12654

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	12652	DISCHARGE TUBE, GSX 100	1
2	10104	WASHER, 5/8 GR8 ZY	8
3	12258	BOLT, 5/8-11 X 1.75 GR8 ZY	4
4	10105	NUT, 5/8-11 SLTL GR8 ZY	4
5	12034	LIFT AUGER, 9"	1
6	10110	WASHER, 3/8 SAE GR8 ZY	28
7	10947	NUT, 3/8-16 SLTL GR8 ZY	14
8	10112	BOLT, 3/8-16 X 1 GR8 ZY	10
9	10113	BOLT, 3/8-16 X 1.25 GR8 ZY	4
10	12268	BEARING, 2.0 4 BOLT FLANGE	1
11	12653	PLATE, DISCHARGE END, 100	1

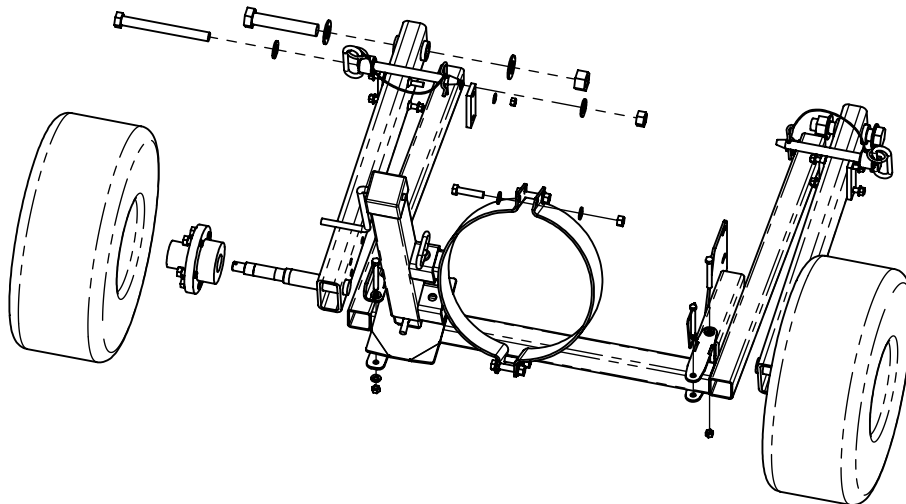


TRANSPORT ASSEMBLY
GSX-100 - 12391
GSX-130 - 12864

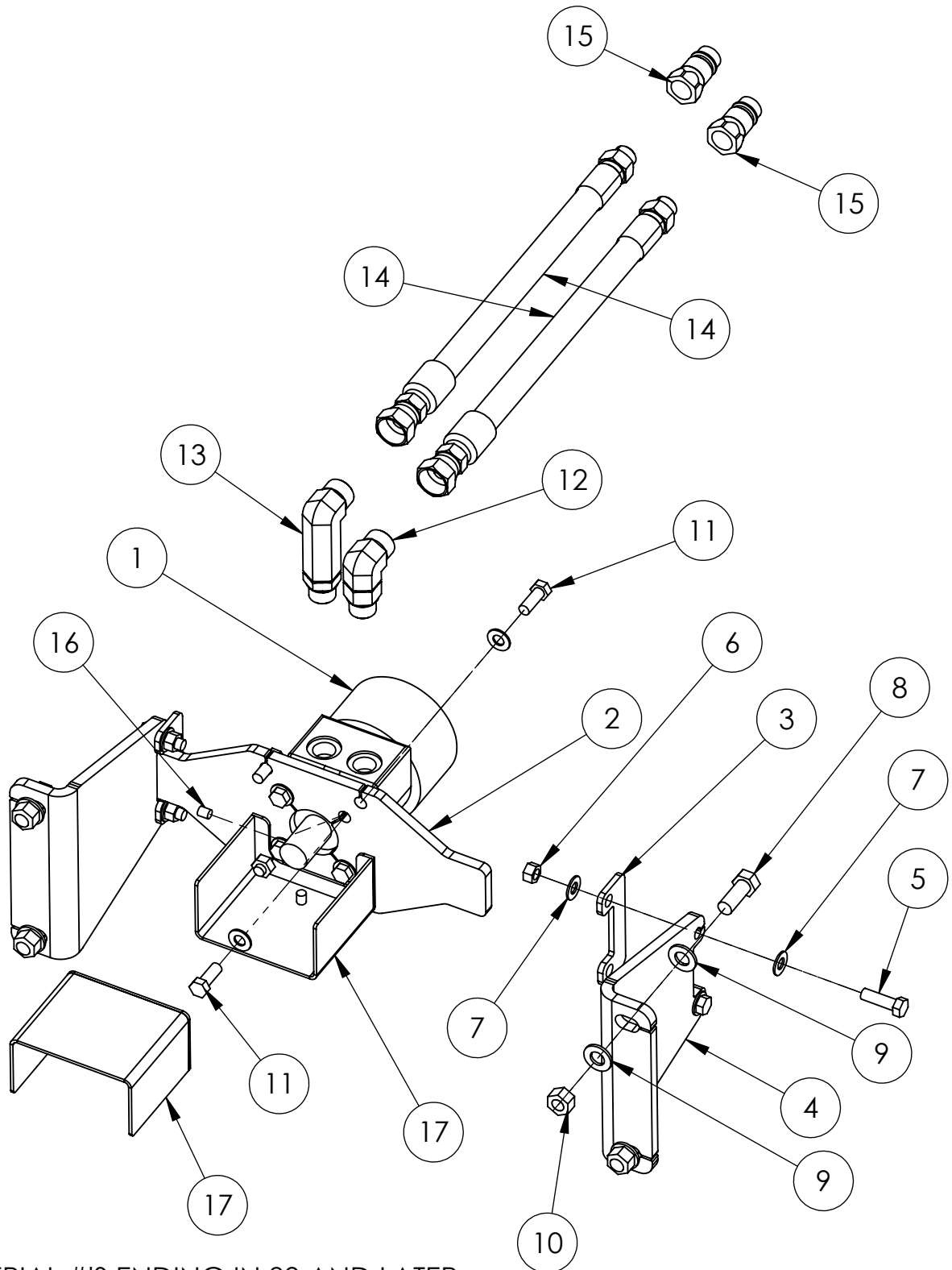


TRANSPORT ASSEMBY
GSX-100 - 12391
GSX-130 - 12864

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	12254	JACK STABILIZER BAR	1
2	10107	WASHER, 3/4 GR8 ZY	4
3	10106	NUT - 3/4-10 GR8 TL ZY	2
4	12390	GSX WHEEL MOUNT	2
5	12078	HITCHPIN W/ LANYARD 3/4 X 6 1/2	2
6	13017	BOLT, 1-8 X 5.5 GR8 ZY	2
7	12664	BOLT, 3/4-10 X 7.5 GR8 ZY	2
8	10679	WASHER, 1" SAE GR8 ZY	4
9	10678	NUT, 1-8 TL GR8 ZY	2
10	12301	WHEEL HUB ASSY, 5-BOLT	2
11	12302	WHEEL & TIRE COMBO 5-BOLT	2
12	12370	PLATE, BOLT MOUNT	1
13	12369	PLATE, JACK STOP	1
14	12389	BOLT, 3/8-16 X 3 GR8 ZY	3
15	10110	WASHER, 3/8 SAE GR8 ZY	14
16	10947	NUT, 3/8-16 SLTL GR8 ZY	11
17	14456	JACK, 8K SIDE WIND MOUNT	1
18	12253	JACK MOUNT, GSX 100, 10.0	1
19	13095	JACK MOUNT, GSX 130, 12.75	1
20	17156	AUGER BAND, GSX-100	1
21	17157	AUGER BAND, GSX-130	1
22	10397	BOLT, 1/2-13 X 2.25 GR8 ZY	4
23	10062	WASHER, 1/2 SAE GR8 ZY	8
24	10395	NUT, 1/2-13 GR8 HEX ZY	4
25	12576	BRACKET, LOCK PIVOT	1
26	12573	LOCK BRACKET	1
27	10122	PTO PIN, 3/8 X 3	1
28	12975	BAR, WHEEL TUBE SHIM	4
29	13006	CAP SCREW, 3/8-16 X 1.25 CTRSK	8



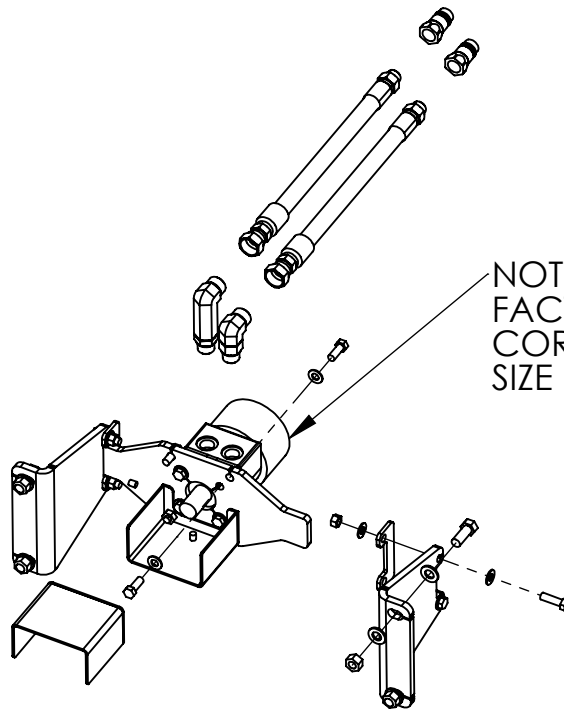
GSX HYDRAULIC DRIVE ASSEMBLY, 12976



*NOTE: SERIAL #'S ENDING IN 89 AND LATER
HOSES AND FITTINGS WERE CHANGED FROM 1/2"
TO 5/8" ON SERIAL #'S 100 AND LATER

GSX HYDRAULIC DRIVE ASSEMBLY, 12976

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	12265	HYD MOTOR, 8.8 CID	1
2	12977	PLATE, TORQUE ARM	1
3	11855	PLATE, TORQUE ARM CATCH	2
4	11854	PLATE, TORQUE ARM STOP	2
5	10113	BOLT, 3/8-16 X 1.25 GR8 ZY	4
6	10947	NUT, 3/8-16 SLTL GR8 ZY	4
7	10110	WASHER, 3/8 SAE GR8 ZY	16
8	10433	BOLT, 1/2-13 X 1.25 GR8 ZY	4
9	10062	WASHER, 1/2 SAE GR8 ZY	8
10	10395	NUT, 1/2-13 GR8 HEX ZY	4
11	10112	BOLT, 3/8-16 X 1 GR8 ZY	8
12	13019	FITTING, 10M ORFS X 10M ORB 90	1
13	13052	FITTING, 10M ORFS X 10M ORB 90L	1
14	13018	HYD HOSE, 5/8 X 20', 10FORFS X 8MORB ST.	2
15	10540	AG QUICK COUPLER, 8 ORB F	2
16	12393	SETSCREW, 5/16-18 X 3/8, KNURLED CUP	2
17	12980	SHAFT COVER	2



NOTE: CONSULT WITH THE
FACTORY TO DETERMINE THE
CORRECT HYDRAULIC MOTOR
SIZE BEFORE ORDERING.

This exploded view diagram illustrates the assembly of a mechanical system. The components are identified by numbered callouts:

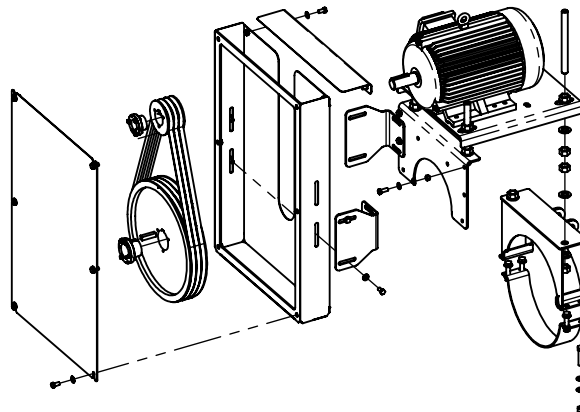
- 1, 2, 3, 4, 7, 8:** Components of a pulley or wheel assembly, including a central hub and outer rim.
- 5:** A vertical support rod or pin.
- 6, 9, 11, 12, 13, 14, 15, 16, 17:** Various structural plates, frames, and pulleys that form the main body of the device.
- 18:** An electric motor mounted on a base plate.
- 19, 20, 24, 25, 26:** Fasteners, including nuts and washers, used to secure the assembly.
- 21, 22, 23, 27:** Smaller components such as brackets, pins, and fasteners that facilitate the assembly of the main structure.

The diagram uses dashed lines to show the alignment and relative positions of the parts, indicating how they fit together to form the complete unit.

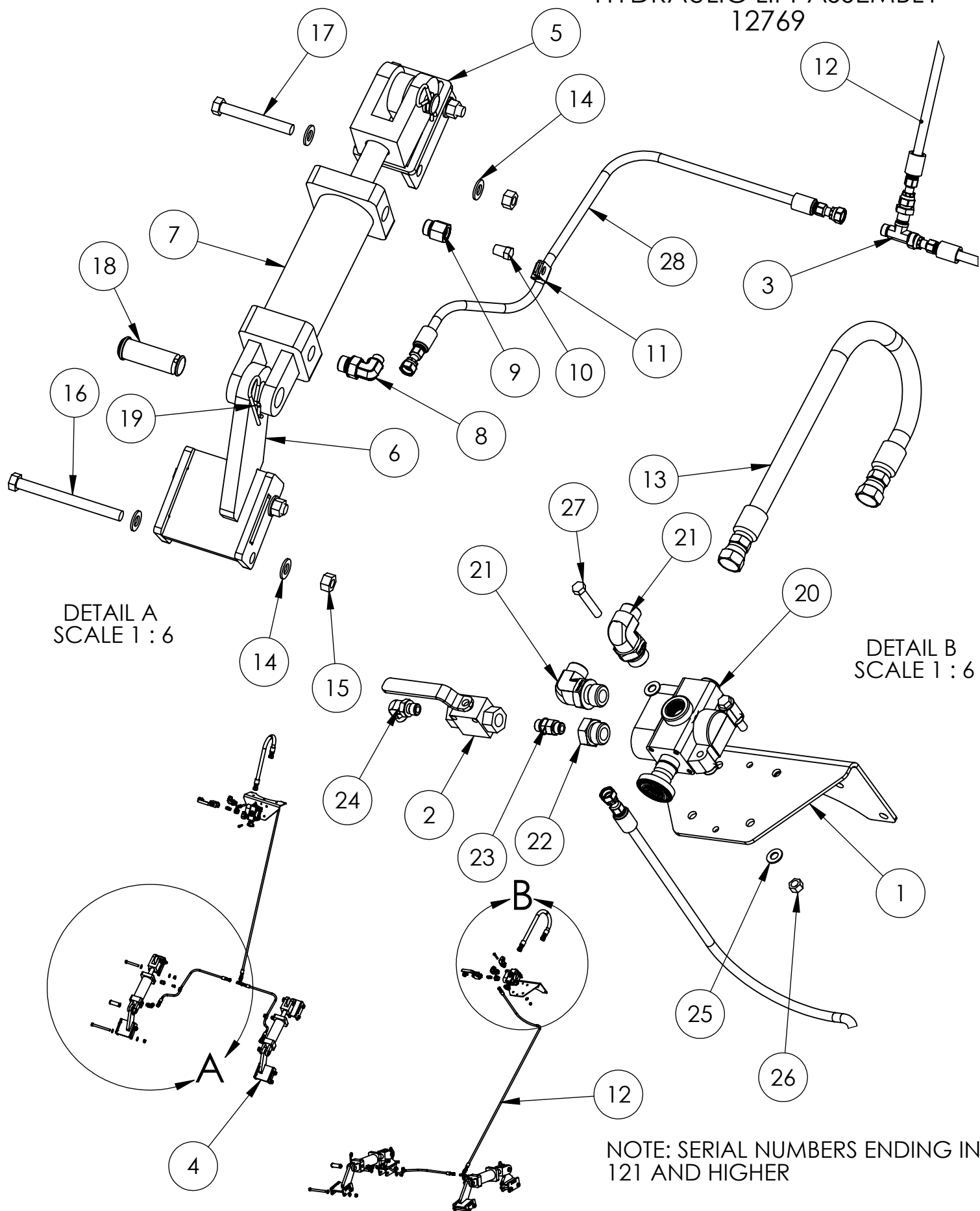
ELECTRIC DRIVE ASSEMBLY
GSX-100 - 16910
GSX-130 - 16911

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	12742	PLATE, 10" MOTOR MOUNT	1
2	12744	PLATE, 13" MOTOR MOUNT	1
3	17156	AUGER BAND, GSX-100	1
4	17157	AUGER BAND, GSX-130	1
5	12367	ELECTRIC MOTOR MOUNT	1
6	12747	PLATE, BELT GUARD MOUNT	2
7	13676	MOTOR MOUNT, GSX-100 ELEC	1
8	13597	MOTOR MOUNT, GSX-130 ELEC	1
9	16360	BELT COVER BASE	1
10	16361	PLATE, COVER FRONT	1
11	16362	PLATE, COVER TOP	1
12	12397	SHEAVE, 15.4 PD, AB 3 GROOVE QD	1
13	12515	SHEAVE, 4.2 PD, AB 3 GROOVE QD	1
14	12517	QD BUSHING, SK 2.00 SHAFT	1
15	12399	QD BUSHING, SH 1.375 SHAFT	1
16	13636	V-BELT, BX66	3
17	13325	KEYSTOCK, 1/2 X 1/2 X 2.0	1
18	12911	ALL THREAD, 3/4-10 X 9.0	4
19	10107	WASHER, 3/4 GR8 ZY	16
20	10632	NUT, 3/4-10 GR8 ZY	16
21	10112	BOLT, 3/8-16 X 1 GR8 ZY	4
22	10110	WASHER, 3/8 SAE GR8 ZY	20
23	10947	NUT, 3/8-16 SLTL GR8 ZY	4
24	10397	BOLT, 1/2-13 X 2.25 GR8 ZY	4
25	10062	WASHER, 1/2 SAE GR8 ZY	8
26	10395	NUT, 1/2-13 GR8 HEX ZY	4
27	10114	BOLT, 3/8-16 X .75 GR8 ZY	12

* NOTE, SHEAVE SIZES CAN VARY DEPENDING ON DESIRED AUGER RPM. QD BUSHING SIZES CAN VARY DEPENDING ON MOTOR SHAFT DIAMETER. PLEASE CALL THE FACTORY BEFORE ORDERING SHEAVES, BUSHINGS OR BELTS. THE ELECTRIC MOTOR IS PROVIDED BY THE CUSTOMER.



HYDRAULIC LIFT ASSEMBLY
12769



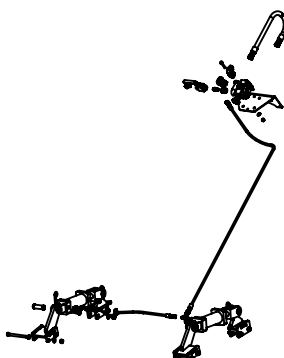
DETAIL A
SCALE 1 : 6

DETAIL B
SCALE 1 : 6

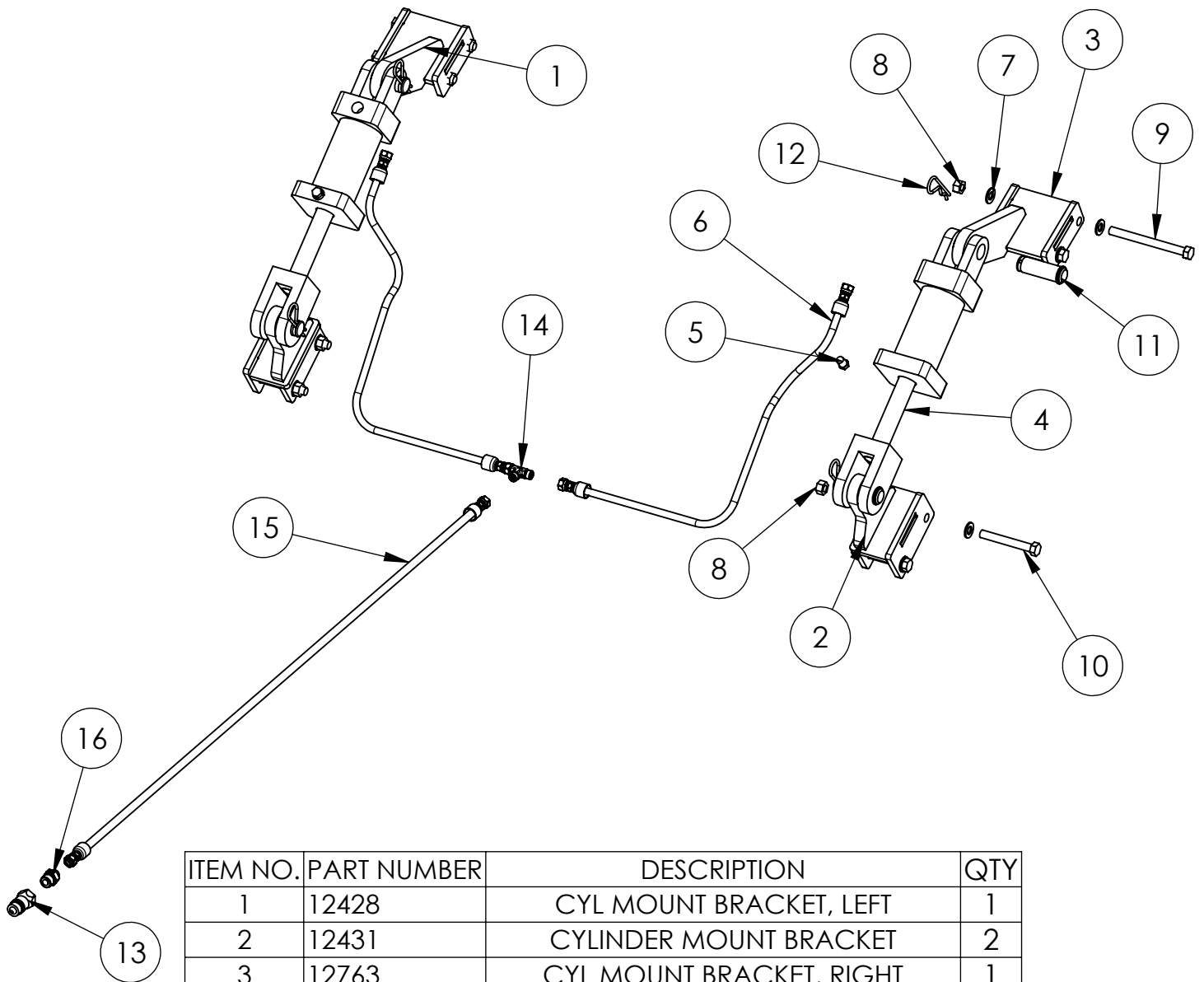
NOTE: SERIAL NUMBERS ENDING IN
121 AND HIGHER

HYDRAULIC LIFT ASSEMBLY 12769

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	12756	PLATE, VALVE MOUNT	1
2	12739	VALVE, HIGH PRES. BALL	1
3	12762	HYD FITTING, 4M ORFS BLK UNION TEE	1
4	12428	CYL MOUNT BRACKET, LEFT	1
5	12431	CYLINDER MOUNT BRACKET	2
6	12763	CYL MOUNT BRACKET, RIGHT	1
7	12764	HYD CYLINDER, 2.5 X 4	2
8	12765	HYD FITTING, 4M ORFS X 8M ORB 90	2
9	12767	HYD FITTING, 8M ORB X 1/4 NPTF	2
10	12768	HYD FITTING, BREATHER VENT, 1/4 NPT	2
11	12771	HOSE P-CLAMP, 9/16, 13/32 HOLE	2
12	12783-A	HYD HOSE, 1/4 X 67, 4 FFOR ST, 3000	1
13	13081	HOSE, 5/8X 28 10FFOR ST, 3000	1
14	10062	WASHER, 1/2 SAE GR8 ZY	16
15	10395	NUT, 1/2-13 GR8 HEX ZY	8
16	12524	BOLT, 1/2-13 X 5.5 GR8 ZY	4
17	11617	BOLT, 1/2-13 X 3.75 GR8 ZY	4
18	12872	PIN, 1.0 X 2.5	4
19	12873	HAIRPIN CLIP, 5/32 X 3	4
20	13305	VALVE, SELECTOR, #12 PORTS	1
21	13320	HYD FITTING, 10 ORFS X 12 MORB 90	2
22	13321	HYD FITTING, 12MORB X 6FORB ST.	1
23	13322	HYD FITTING, 6MORB ADJ. UNION	1
24	13323	HYD FITTING, 4 ORFS X 6 MORB 90	1
25	10110	WASHER, 3/8 SAE GR8 ZY	4
26	10947	NUT, 3/8-16 SLTL GR8 ZY	2
27	11126	BOLT, 3/8-16 X 2.0 GR8 ZY	2
28	13346	HYD HOSE, 1/4 X 28, 4FFOR ST, 3000	2

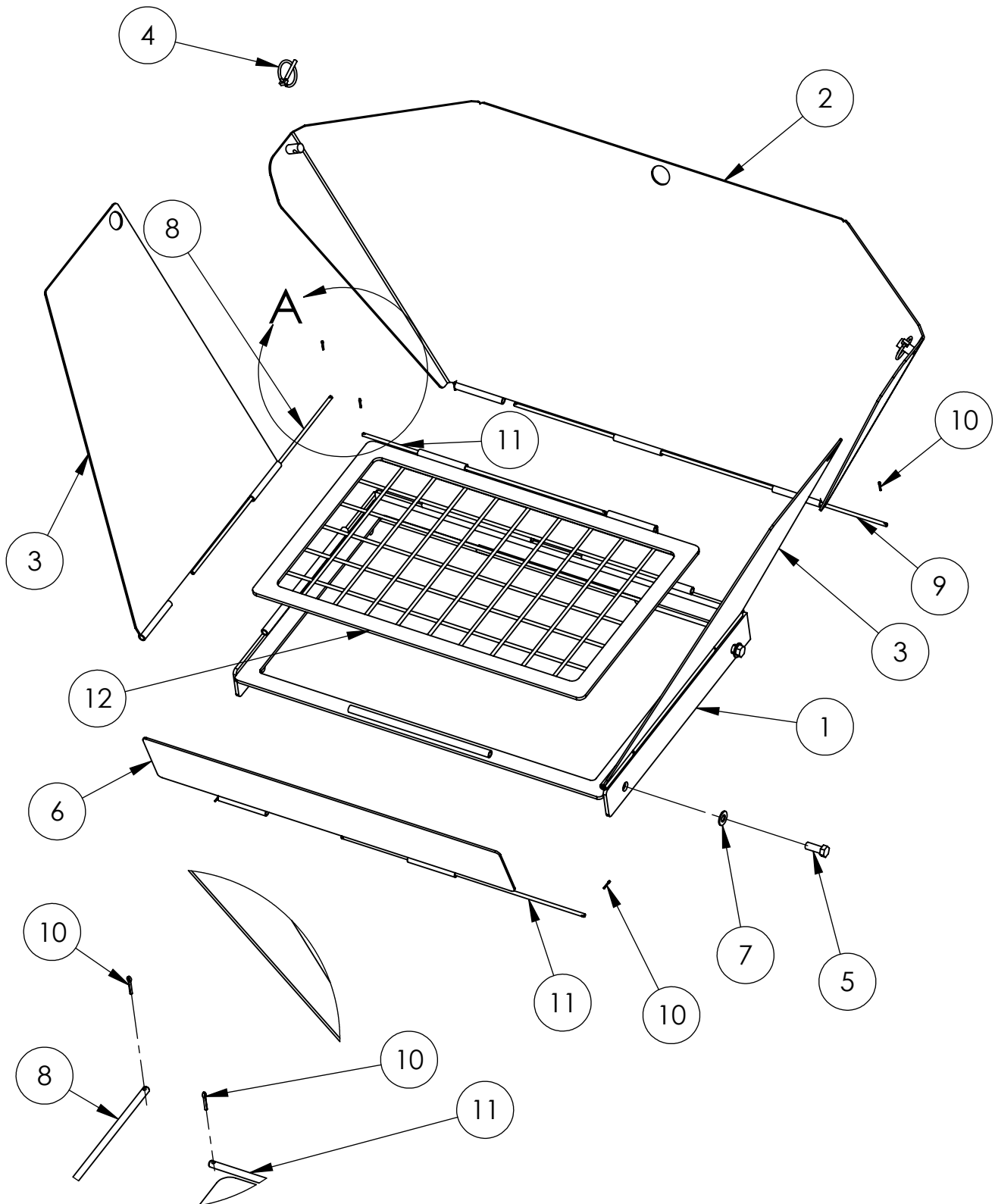


GSX HYD. LIFT ASSEMBLY, ELEC. DRIVE **15409**



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	12428	CYL MOUNT BRACKET, LEFT	1
2	12431	CYLINDER MOUNT BRACKET	2
3	12763	CYL MOUNT BRACKET, RIGHT	1
4	12764	HYD CYLINDER, 2.5 X 4	2
5	12768	HYD FITTING, BREATHER VENT, 1/4 NPT	2
6	13346	HYD HOSE, 1/4 X 28 4FFOR ST, 3000	2
7	10062	WASHER, 1/2 SAE GR8 ZY	16
8	10395	NUT, 1/2-13 GR8 HEX ZY	8
9	12524	BOLT, 1/2-13 X 5.5 GR8 ZY	4
10	11617	BOLT, 1/2-13 X 3.75 GR8 ZY	4
11	12872	PIN, 1.0 X 2.5	4
12	12873	HAIRPIN CLIP, 5/32 X 3	4
13	10540	AG QUICK COUPLER, 8 ORB F	1
14	12762	FITTING, 4M ORFS UNION TEE	1
15	15408	HYD HOSE, 1/4" X 300"	1
16	15407	FITTING, 4M ORFS X 8M ORB ST	1

GSX SIDE CHUTE ASSEMBLY, 12861

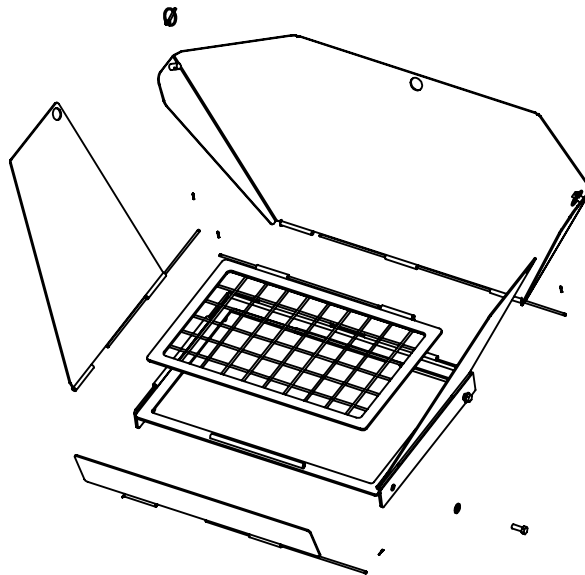


DETAIL A
SCALE 1 : 4

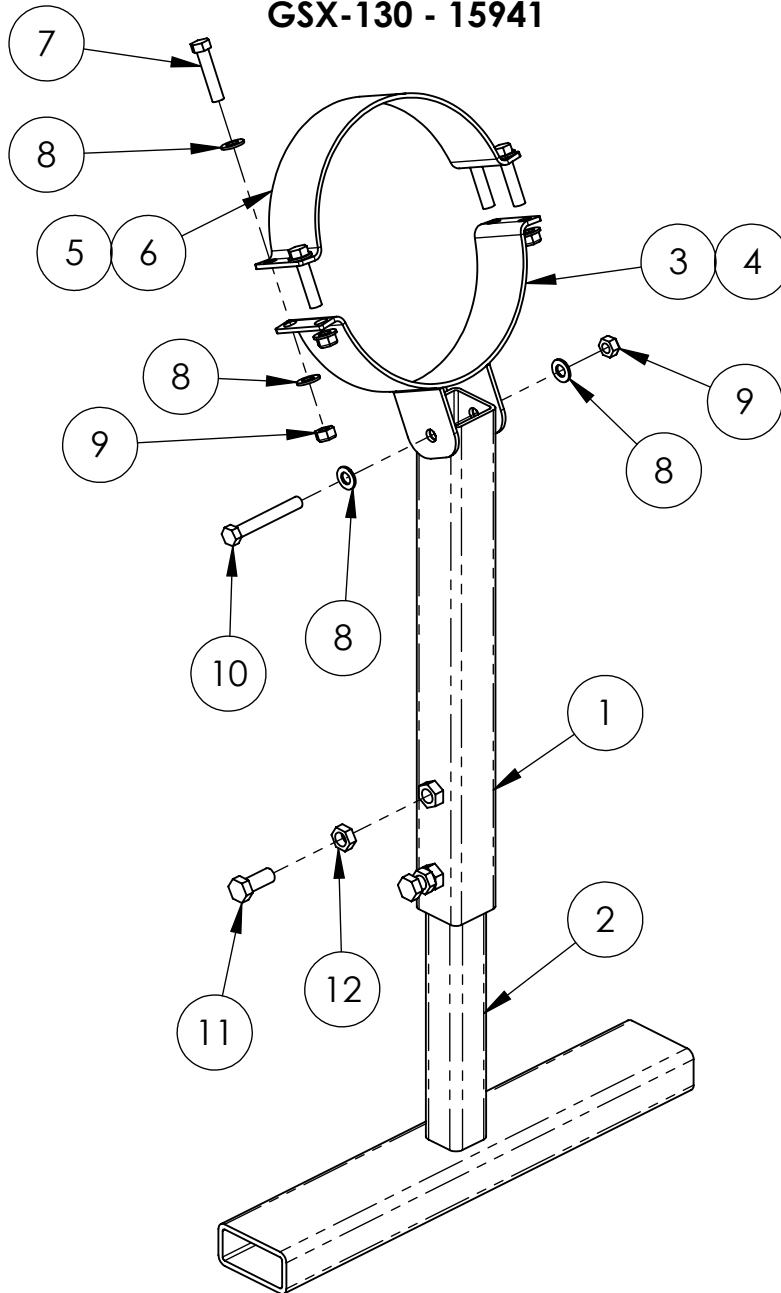
GSX SIDE CHUTE ASSEMBLY, 12861

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	12058	SIDE HOPPER FRAME	1
2	12054	SIDE HOPPER BACK	1
3	12050	SIDE HOPPER PLATE	2
4	10124	LYNCHPIN, 3/16	2
5	10112	BOLT, 3/8-16 X 1 GR8 ZY	4
6	12374	SIDE CHUTE, FRONT	1
7	10110	WASHER, 3/8 SAE GR8 ZY	4
8	12376	PIN, SIDE HINGE	2
9	12377	PIN, TOP HINGE	1
10	12375	COTTER PIN, 1/16 X 1/2	8
11	12378	PIN, BOTTOM HINGE	2
12	12565	SIDE HOPPER GRATE	1

NOTE, THE SIDE CHUTE ASSEMBLY IS OPTIONAL. STANDARD UNITS COME WITH A JUNCTION BOX COVER, PART # 12674.

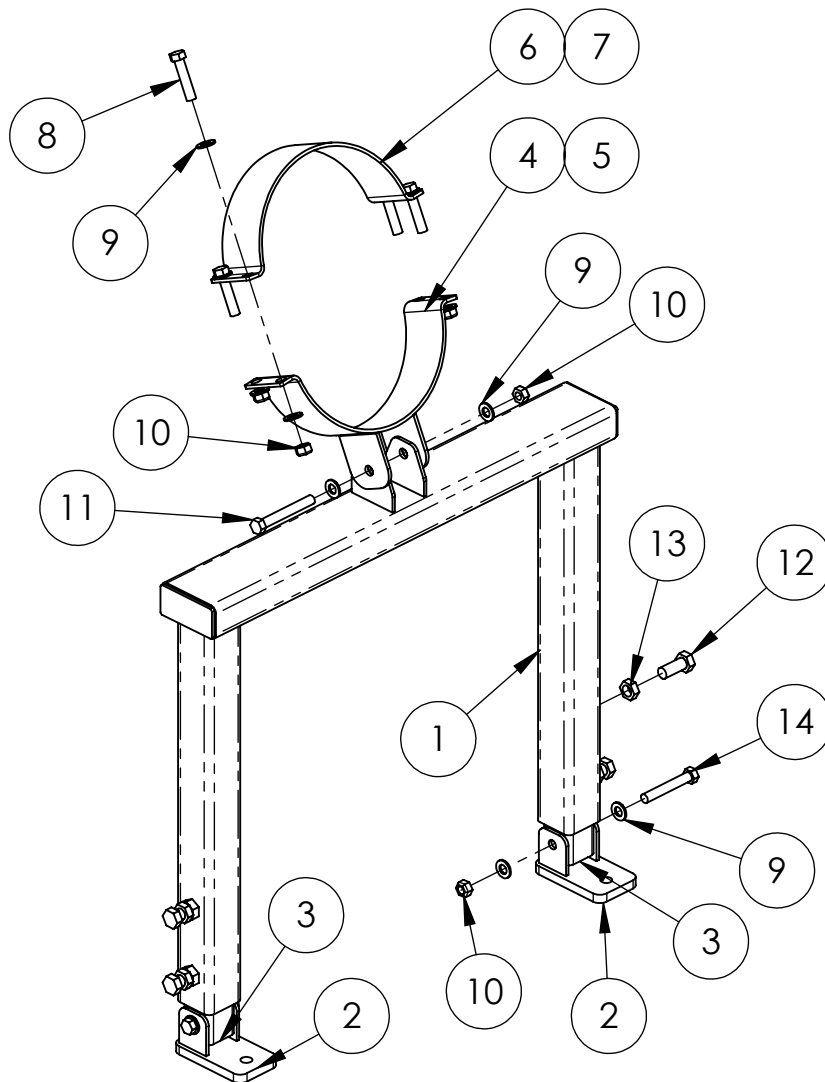


AUGER STAND ASSEMBLY - SMALL
GSX-100 - 17345
GSX-130 - 15941



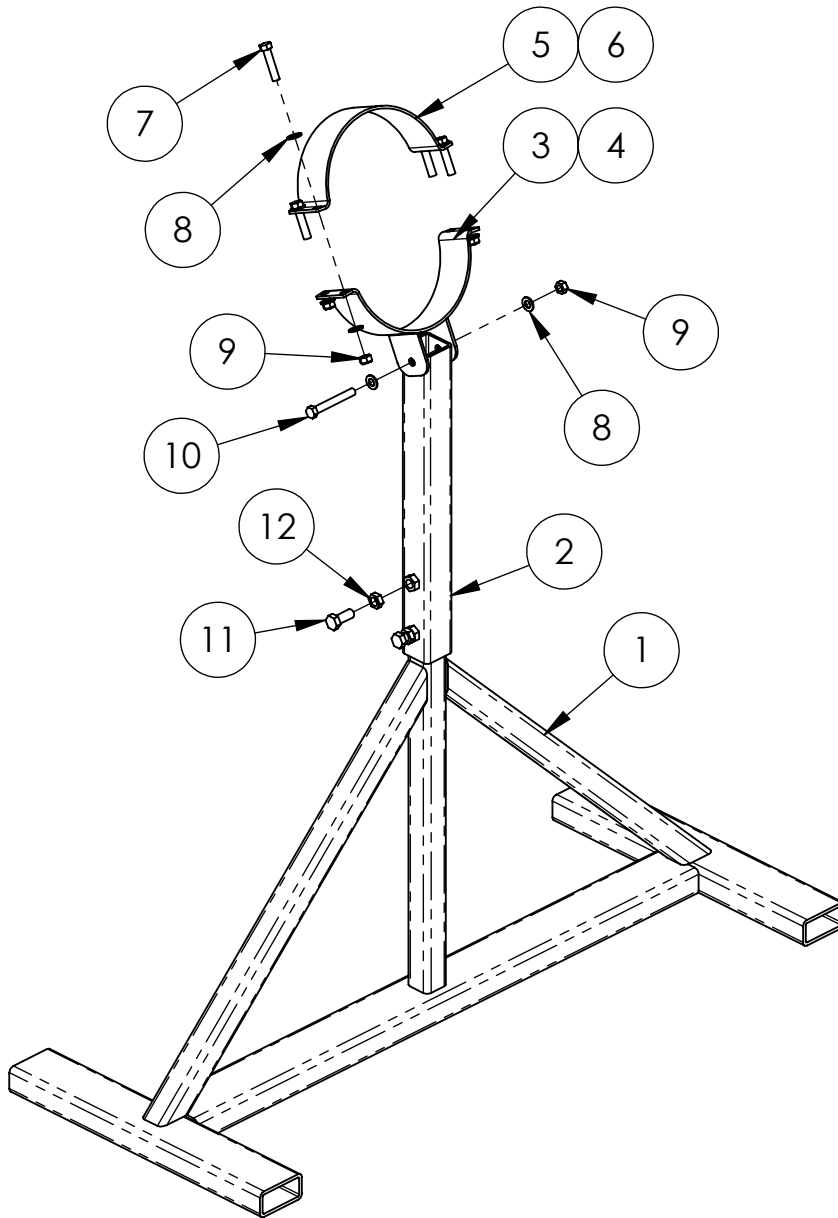
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	13747	LEG, AUGER SUPPORT	1
2	13750	AUGER LEG BASE	1
3	17348	LEG MOUNT, 10 AUGER	1
4	13058	LEG MOUNT, 12.75 AUGER	1
6	17156	AUGER BAND, GSX-100	1
6	17157	AUGER BAND, GSX-130	1
7	10397	BOLT, 1/2-13 X 2.25 GR8 ZY	4
8	10062	WASHER, 1/2 SAE GR8 ZY	10
9	10396	NUT, 1/2-13, SLTL GR8 ZY	5
10	11617	BOLT, 1/2-13 X 3.75 GR8 ZY	1
11	11984	BOLT, 5/8 - 11 X 1.0 GR8 ZY	2
12	10608	NUT, 5/8-18 JAM, GR8 ZY	2

AUGER STAND ASSEMBLY - TWO LEGS
GSX-100 - 17346
GSX-130 - 16117



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	16098	AUGER STAND LEG SPLIT	1
2	16099	AUGER STAND FOOT	2
3	16115	TUBE, STAND EXTENSION	2
4	17348	LEG MOUNT, 10 AUGER	1
5	13058	LEG MOUNT, 12.75 AUGER	1
6	17156	AUGER BAND, GSX-100	1
7	17157	AUGER BAND, GSX-130	1
8	10397	BOLT, 1/2-13 X 2.25 GR8 ZY	4
9	10062	WASHER, 1/2 SAE GR8 ZY	14
10	10396	NUT, 1/2-13, SLTL GR8 ZY	7
11	11617	BOLT, 1/2-13 X 3.75 GR8 ZY	1
12	11984	BOLT, 5/8 - 11 X 1.0 GR8 ZY	4
13	10608	NUT, 5/8-18 JAM, GR8 ZY	4
14	14651	BOLT, 1/2-13 X 3.25 GR8 ZY	2

AUGER STAND ASSEMBLY - LARGE
GSX-100 - 17347
GSX-130 - 17349



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	14304	AUGER SUPPORT STAND	1
2	13747	LEG, AUGER SUPPORT	1
3	17348	LEG MOUNT, 10 AUGER	1
4	13058	LEG MOUNT, 12.75 AUGER	1
5	17156	AUGER BAND, GSX-100	1
6	17157	AUGER BAND, GSX-130	1
7	10397	BOLT, 1/2-13 X 2.25 GR8 ZY	4
8	10062	WASHER, 1/2 SAE GR8 ZY	10
9	10396	NUT, 1/2-13, SLTL GR8 ZY	5
10	11617	BOLT, 1/2-13 X 3.75 GR8 ZY	1
11	11984	BOLT, 5/8 - 11 X 1.0 GR8 ZY	2
12	10608	NUT, 5/8-18 JAM, GR8 ZY	2