



2022
PARTS BOOK
MD-144



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PARTS BOOK

This part of the manual contains part numbers and illustrations based on the latest information available at the time of print.

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**Always use genuine Bush-Whacker replacement parts,
available through the network of authorized dealers.**

Explanation of the terms in the Parts book

Ref. No.—Refers to the numbered parts in an illustration

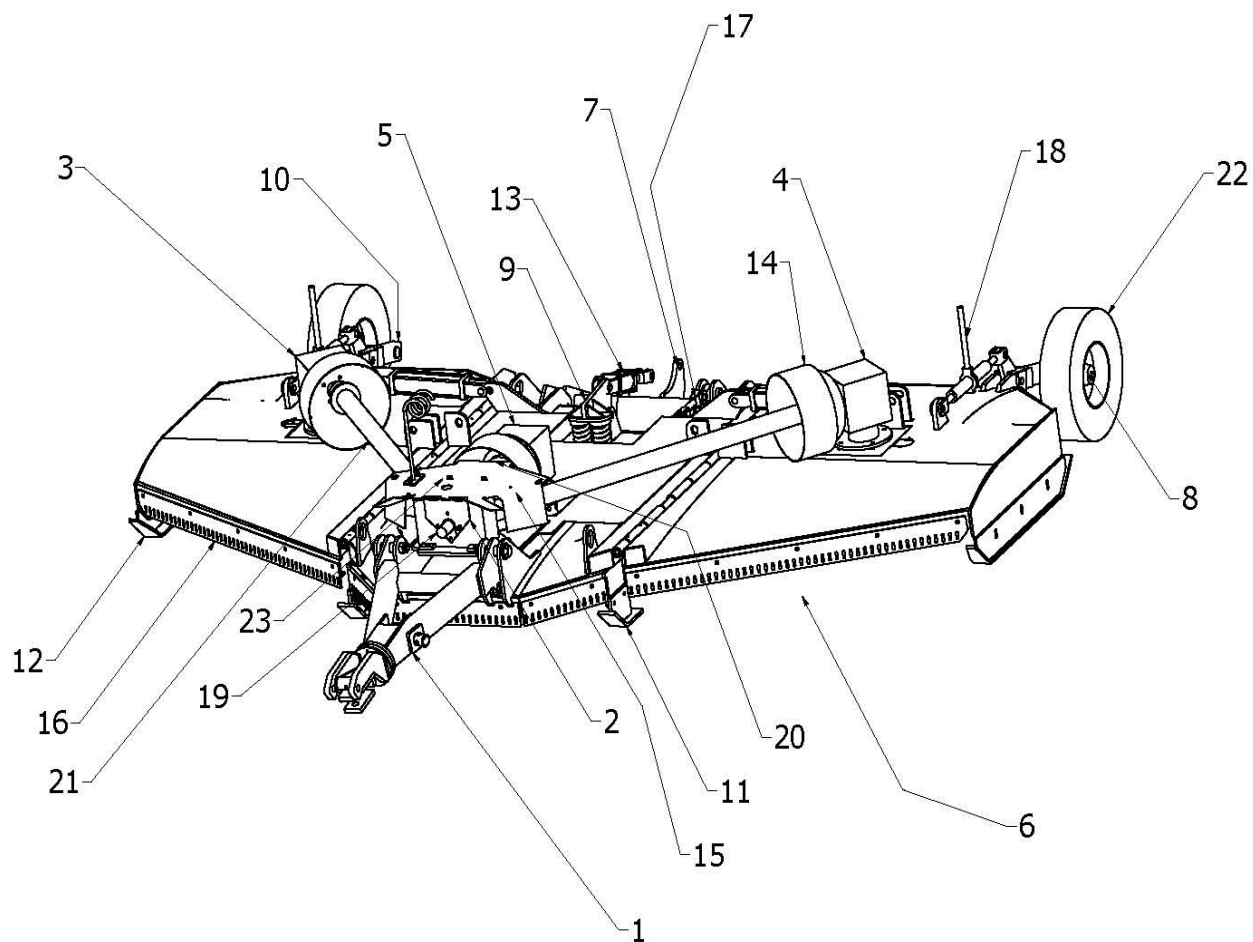
Part No.—Refers to the part number of the part. This is what you use when ordering new parts, as well as description and quantity.

Description—Gives the description of the part

Qty—Quantity listed for each component on the illustration, not the total quantity of that part used on the entire machine.

Remarks—any comments (refers to detail pages of parts, etc.)

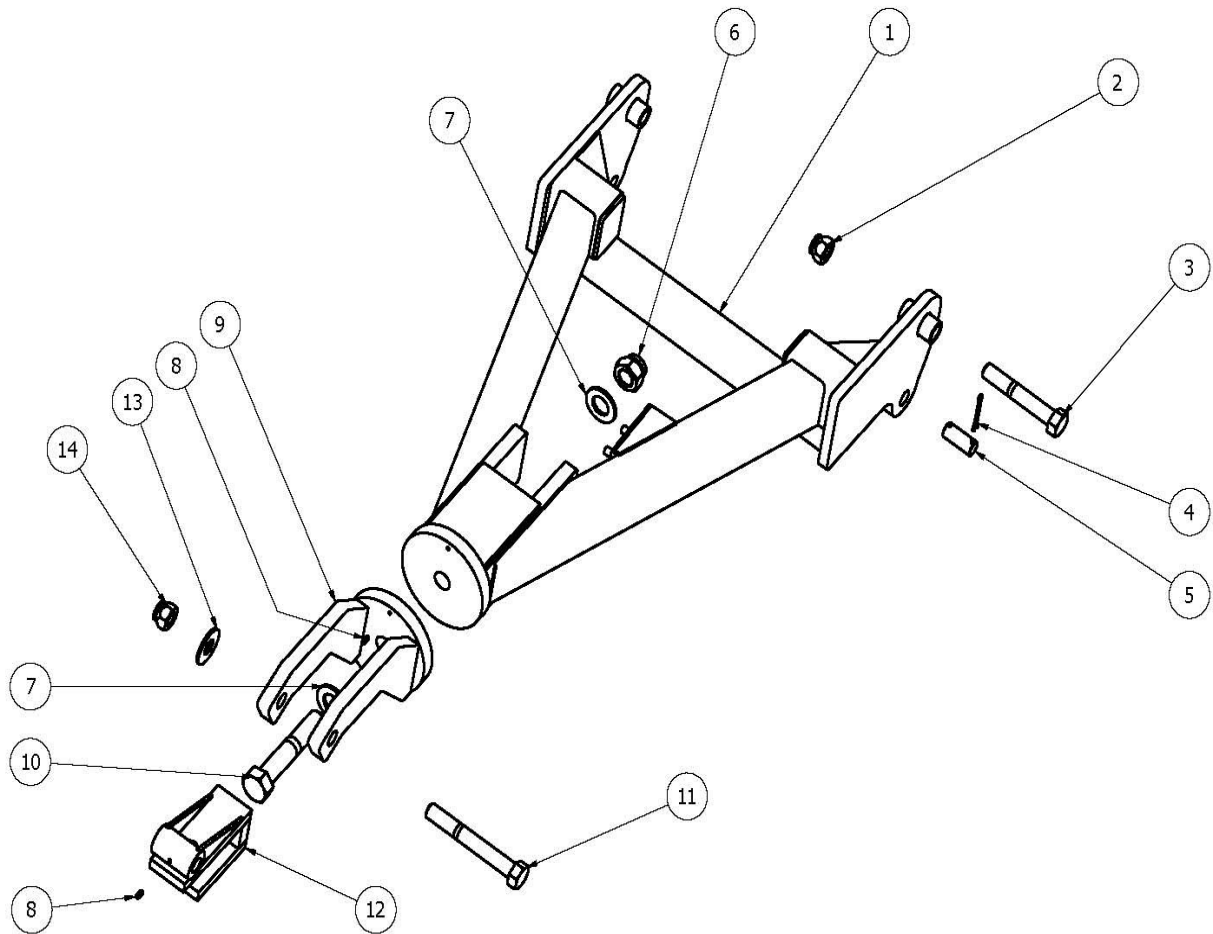
MD-144 Assembly Breakdown



MD-144 Assembly Breakdown

Ref. No.	Description	Page Number
1	Tongue Assembly	6
2	Divider Box	8
3	Right Gearbox	10
4	Left Gearbox	14
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16	Chain Guards	36
18	Wing Ratchet Adjustment (BW3269)	NA
22	Wheel & Tire Assembly (BW2484)	NA
23	Manual Holder	NA

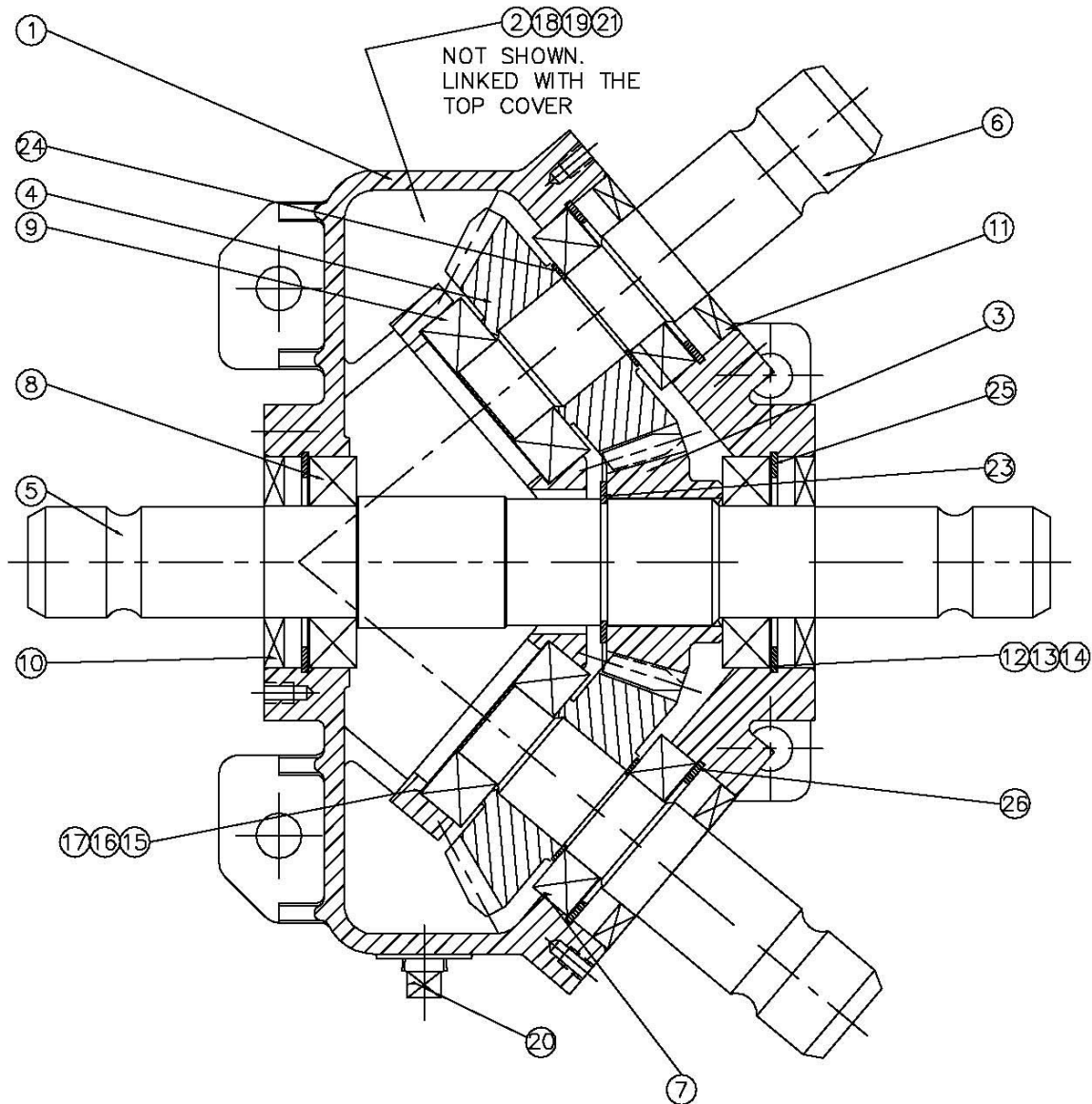
Tongue with Swivel Clevis



Tongue with Swivel Clevis

Ref. No.	Part No.	Description	Qty
1	6234	Tongue	1
2	2638	Nut	2
3	3389	Bolt	2
4	2313	Cotter Pin	4
5	2315	Level Rod Pin	2
6	2532	Nut	1
7	3449	Washer	2
8	5033	Grease Zerk	2
9	6246	Swivel	1
10	5165	Bolt	1
11	2626	Bolt	1
12	4865	Clevis	1
13	3259	Washer	1
14	2638	Nut	1

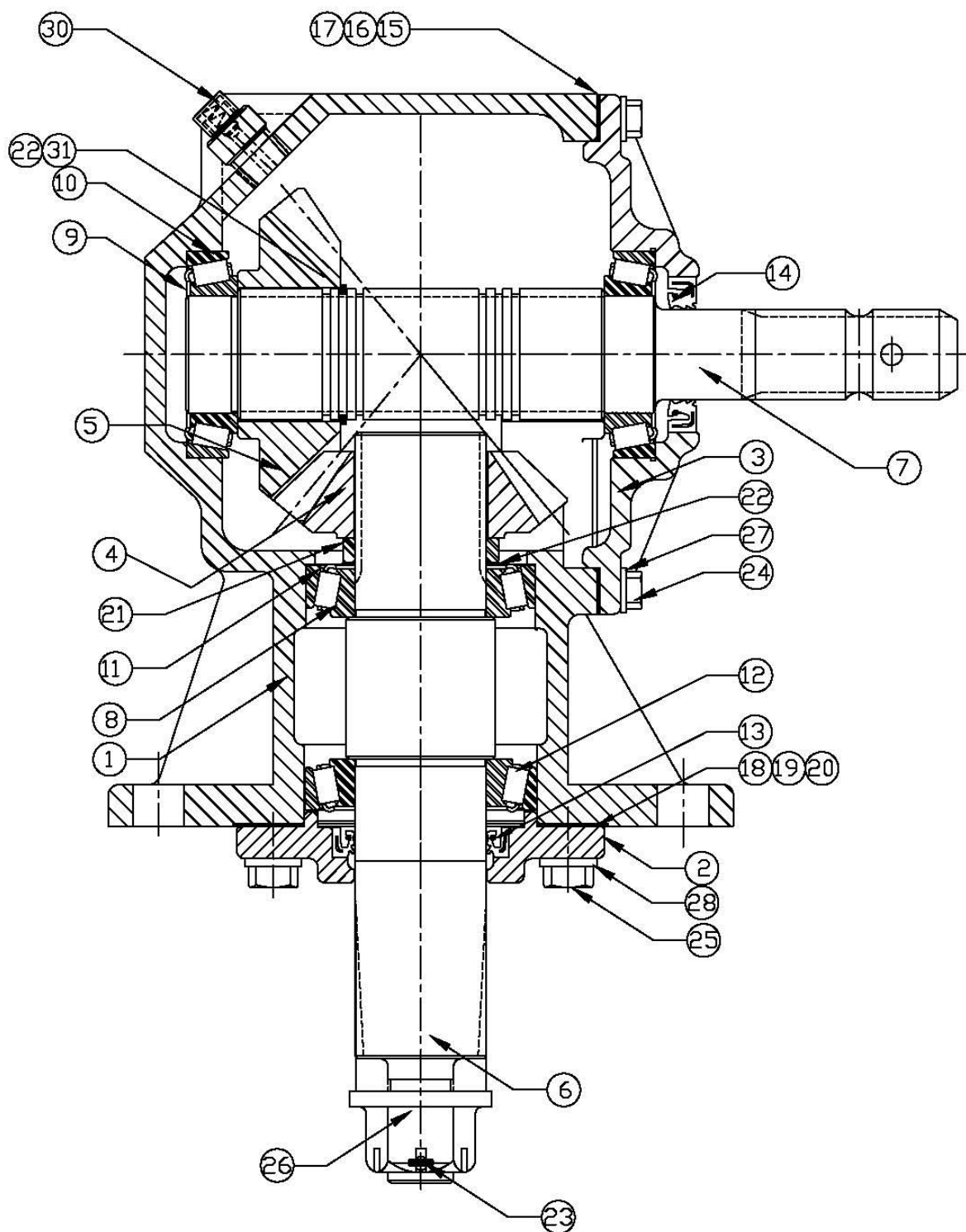
5993 Divider Gear Box **(See Maintenance Section for Required Lubricant)**



5993 Divider Gear Box
(See Maintenance Section for Required Lubricant)
Parts List

Ref. No.	Part No.	Description	Qty
1	5705	HOUSING	1
2	5704	COVER	1
3	6572	PINION, 20 T	2
4	6571	GEAR, 26 T	1
5	5701	SHAFT, INPUT	1
6	5700	SHAFT, OUTPUT	2
7	2537	BALL BEARING	2
8	2548	BALL BEARING	2
9	2539	BALL BEARING	2
10	5221	SEAL, INPUT	2
11	5883	SEAL, OUTPUT	2
12	5698	SHIM, INPUT 0.1mm	2 AR
13	5697	SHIM, INPUT 0.2 mm	2 AR
14	5696	SHIM, INPUT 0.5 mm	2 AR
15	5695	SHIM, OUTPUT 0.1 mm	4 AR
16	5694	SHIM, OUTPUT 0.2 mm	4 AR
17	5693	SHIM, OUTPUT 0.5 mm	4 AR
18	5692	SCREW	6
19	5243	LOCK WASHER	6
20	5246	PLUG, SOCKET HD	2
21	2723	PLUG, PRESSURE RELIEF	1
23	2719	RETAINING RING	1
24	5691	RETAINING RING	2
25	5249	RETAINING RING	2
26	6570	RETAINING RING	2

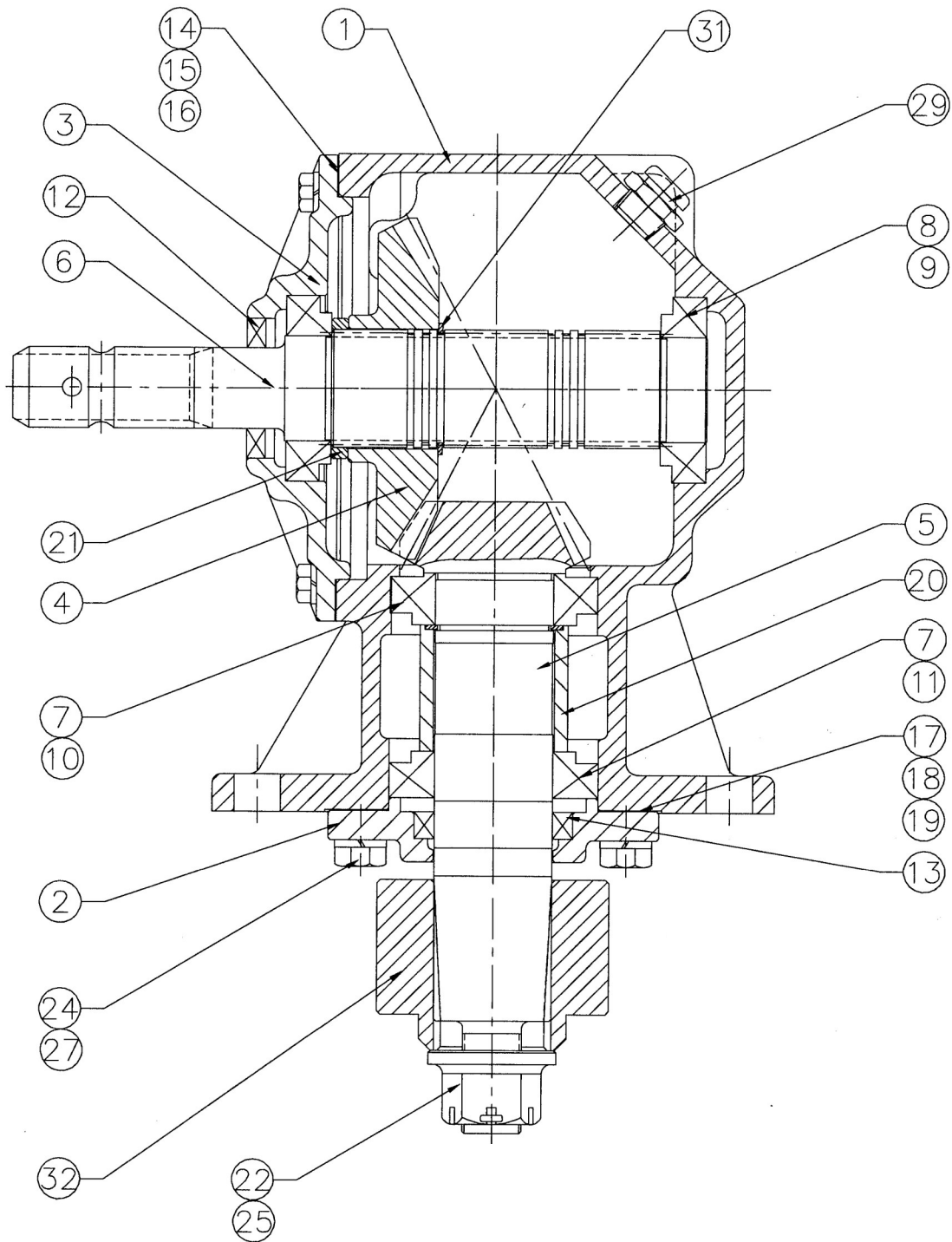
5553 Right Wing Gear Box **(See Maintenance Section for Required Lubrication)**



5553 Right Wing Gear Box (See Maintenance Section for Required Lubrication)

Ref. No.	Part No.	Description	Qty.
1	5750	HOUSING	1
2	2732	CAP—OUTPUT	1
3	2726	CAP—INPUT	1
4	5868	PINION—14 T, OUTPUT	1
5	5867	GEAR—17 T, IN PUT	1
6	5869	SHAFT—OUTPUT	1
7	5709	SHAFT—INPUT, 1-3/8" - 6	1
8	2711	BEARING CONE	2
9	1422	BEARING CONE	2
10	2717	BEARING CUP	2
11	2712	BEARING CUP	1
12	2729	BEARING CUP	1
13	5708	SEAL	1
14	5870	SEAL	1
15	5871	GASKET INPUT CAP—0.30	VAR
16	5872	GASKET INPUT CAP -0.15	VAR
17	5707	GASKET INPUT CAP -0.10	VAR
18	2731	GASKET OUTPUT CAP—0.30	VAR
19	1410B	GASKET OUTPUT CAP—0.15	VAR
20	2730	GASKET OUTPUT CAP—0.10	VAR
21	5873	SPACER	1
22	3231	SHIM 0.25	VAR
23	5706	COTTER PIN	1
24	4963	HEX HD. SCREW	8
25	4256	HEX HD. SCREW	4
26	1420	HEX SLOTTED NUT	1
27	5446	LOCK WASHER	8
28	2733	LOCK WASHER	4
29	2742	PIPE PLUG—SQ. HD.	1
30	5246	PLUG—PRESSURE RELIEF	1
31	2719	RETAINIG RING	1

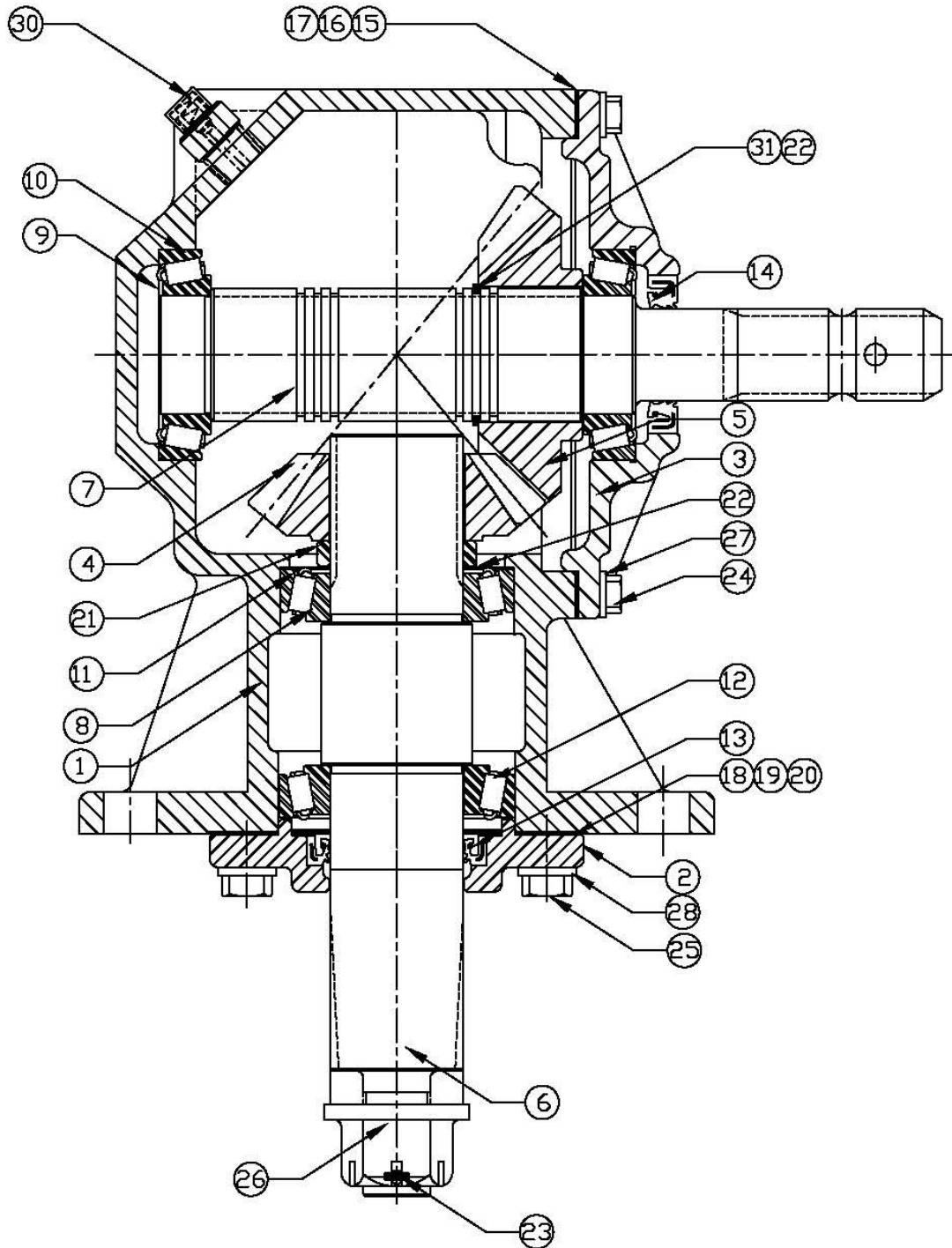
5994 Center Gear Box **(See Maintenance Section for Required Lubrication)**



5994 Center Gear Box
(See Maintenance Section for Required Lubrication)
Parts List

Ref. No.	Part No.	Description	Qty.
1	5710	HOUSING	1
2	2732	CAP—OUTPUT	1
3	2726	CAP—INPUT	1
4	4686	GEAR—29 T, OUTPUT	1
5	2109	PINION—15 T, IN PUT	1
6	5709	SHAFT—INPUT	1
7	2711	BEARING CONE	2
8	1402	BEARING CONE	2
9	1401	BEARING CUP	2
10	2712	BEARING CUP	1
11	2729	BEARING CUP	1
12	2751	SEAL	1
13	2735	SEAL	1
14	2721	GASKET INPUT CAP—0.30	VAR
15	2722	GASKET INPUT CAP—0.15	VAR
16	5707	GASKET INPUT CAP—0.10	VAR
17	2731	GASKET OUTPUT CAP—0.30	VAR
18	2032B	GASKET OUTPUT CAP—0.15	VAR
19	2730	GASKET OUTPUT CAP—0.10	VAR
20	1406	SPACER	1
21	2029	SHIM 0.25	VAR
22	5706	COTTER PIN	1
23	4963	HEX HD. SCREW	8
24	2734	HEX HD. SCREW	4
25	1420	HEX SLOTTED NUT	1
26	5446	LOCK WASHER	8
27	2733	LOCK WASHER	4
28	2742	PIPE PLUG—SQ. HD.	1
30	2723	PLUG—PRESSURE RELIEF	1
31	2719	RETAINIG RING	2
32	3236	BLADE HUB (NOT SHOWN)	1

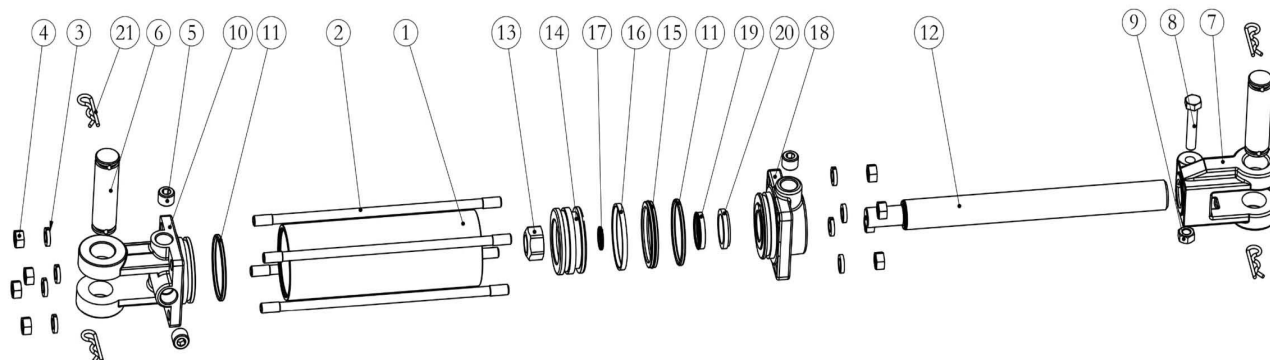
5552 Left Wing Gear Box **(See Maintenance Section for Required Lubrication)**



5552 Left Wing Gear Box
(See Maintenance Section for Required Lubrication)
Parts List

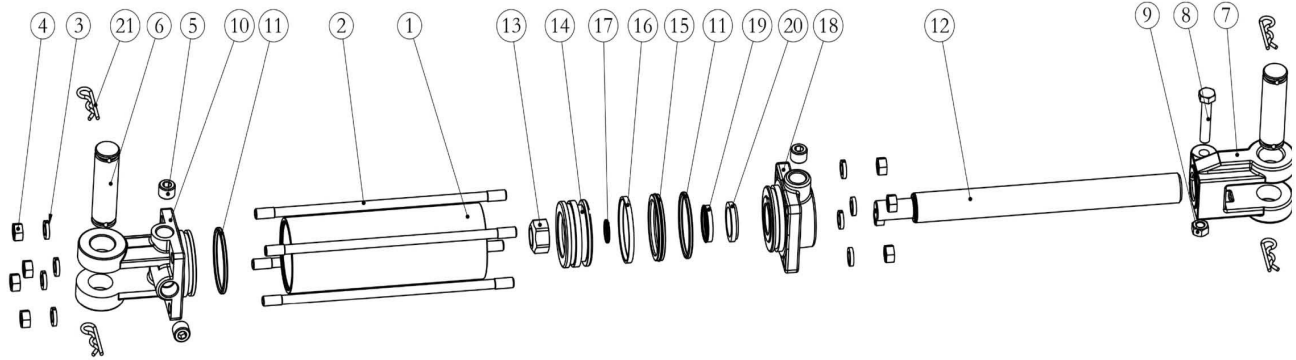
Ref. No.	Part No.	Description	Qty.
1	5750	HOUSING	1
2	2732	CAP—OUTPUT	1
3	2726	CAP—INPUT	1
4	5868	PINION—14 T, OUTPUT	1
5	5867	GEAR—17 T, IN PUT	1
6	5869	SHAFT—OUTPUT	1
7	5709	SHAFT—INPUT, 1-3/8" - 6	1
8	2711	BEARING CONE	2
9	1422	BEARING CONE	2
10	2717	BEARING CUP	2
11	2712	BEARING CUP	1
12	2729	BEARING CUP	1
13	5708	SEAL	1
14	5870	SEAL	1
15	5871	GASKET INPUT CAP—0.30	VAR
16	5872	GASKET INPUT CAP—0.15	VAR
17	5707	GASKET INPUT CAP—0.10	VAR
18	2731	GASKET OUTPUT CAP—0.30	VAR
19	1410B	GASKET OUTPUT CAP—0.15	VAR
20	2730	GASKET OUTPUT CAP—0.10	VAR
21	5873	SPACER	1
22	3231	SHIM 0.25	VAR
23	5706	COTTER PIN	1
24	4963	HEX HD. SCREW	8
25	4256	HEX HD. SCREW	4
26	1420	HEX SLOTTED NUT	1
27	5446	LOCK WASHER	8
28	2733	LOCK WASHER	4
29	2742	PIPE PLUG—SQ. HD.	1
30	5246	PLUG—PRESSURE RELIEF	1
31	2719	RETAINIG RING	1

BW6247 Wing Cylinder



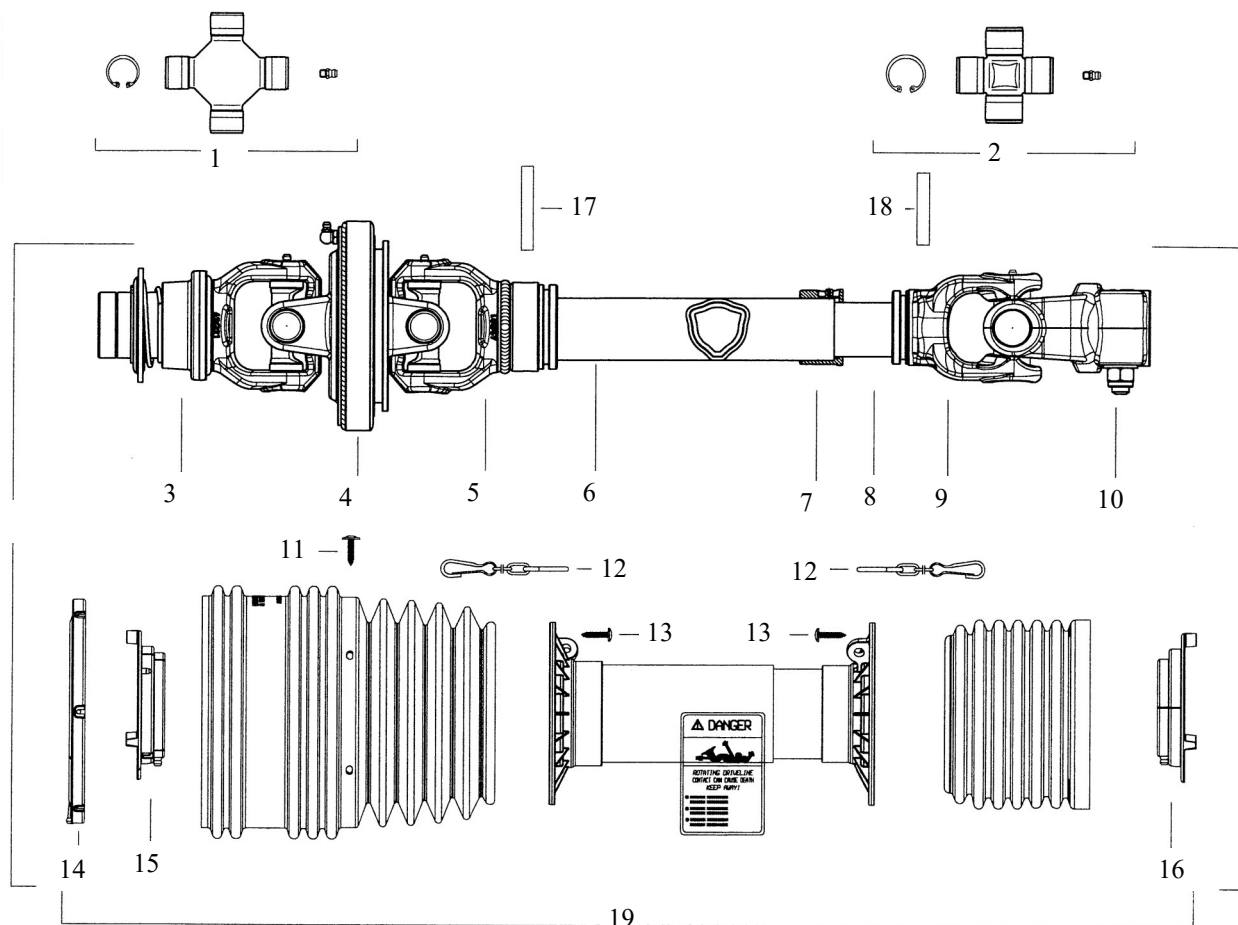
Ref. No.	Part No.	Description	Qty
1	N/A	N/A	1
2	N/A	N/A	4
3	2733	Washer	8
4	4260	Nut	8
5	5727	Plug	3
6	5721	Clevis Pin	2
7	6304	Rod End Clevis	1
8	*	Bolt	1 (Part of BW6304)
9	*	Nut	1 (Part of BW6304)
10	6305	Base End Clevis	1
11	*	Seal	2 (Part of BW6306 Seal Kit)
12	6307	Rod	1
13	N/A	N/A	1
14	N/A	N/A	1
15	*	Seal	1 (Part of BW6306 Seal Kit)
16	*	Ring	1 (Part of BW6306 Seal Kit)
17	*	Seal	1 (Part of BW6306 Seal Kit)
18	6308	Cap	1
19	*	Seal	1 (Part of BW6306 Seal Kit)
20	*	Wiper	1 (Part of BW6306 Seal Kit)
21	5718	R Pin	4
REF	6306	Seal Kit	1

BW6588 Suspension Pivot Cylinder



Ref. No.	Part No.	Description	Qty
1	N/A	N/A	1
2	N/A	N/A	4
3	2733	Washer	8
4	4260	Nut	8
5	5727	Plug	3
6	5721	Clevis Pin	2
7	N/A	N/A	1
8	N/A	N/A	1
9	N/A	N/A	1
10	6309	Base End Clevis	1
11	*	Seal	2 (Part of BW6310 Seal Kit)
12	6307	Rod	1
13	N/A	N/A	1
14	N/A	N/A	1
15	*	Seal	1 (Part of BW6310 Seal Kit)
16	*	Ring	1 (Part of BW6310 Seal Kit)
17	*	Seal	1 (Part of BW6310 Seal Kit)
18	N/A	N/A	1
19	*	Seal	1 (Part of BW6310 Seal Kit)
20	*	Wiper	1 (Part of BW6310 Seal Kit)
21	5718	R Pin	4
REF	6310	Seal Kit	1

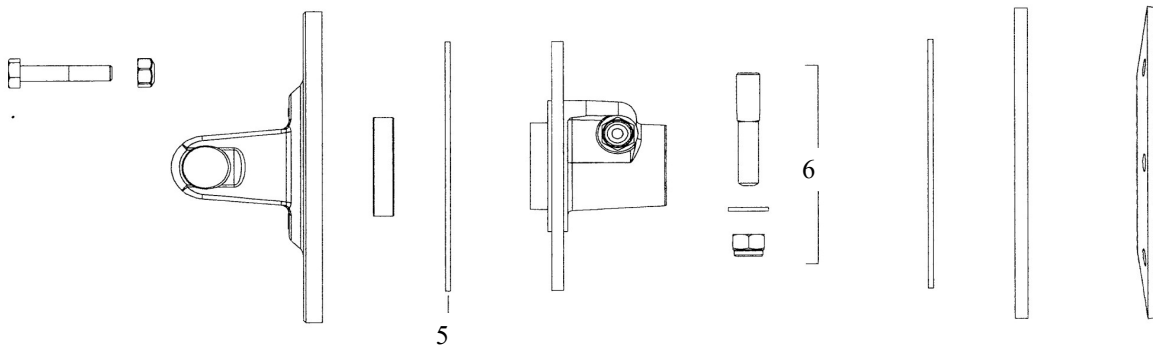
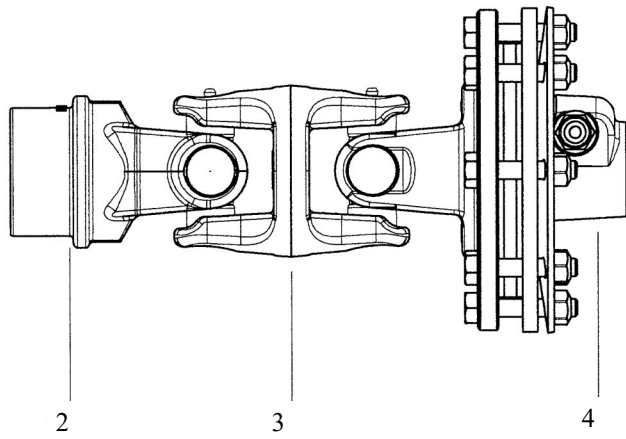
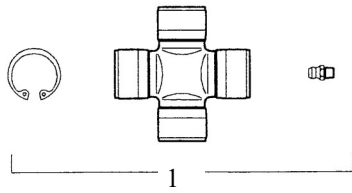
BW6405 Main Drive Line



BW6405 Main Drive Line Parts List

Ref. No.	Part No.	Description	Qty
1	4918	Cross Kit	2
2	4926	Cross Kit	1
3	4917	Yoke	1
4	4919	Body	1
5	5760	Yoke	1
6	6835	Outer Tube	1
7	6837	Greasing Collar	1
8	6836	Inner Tube	1
9	5763	Yoke	1
10	4945	Yoke	1
11	5769	Screw	6
12	5771	Chain	2
13	5050	Screw	6
14	4927	Shield Support	1
15	5900	Shield Support	1
16	5768	Shield Support	1
17	3919	Roll Pin	1
18	4899	Roll Pin	1
19	6838	Complete Shield Kit	1

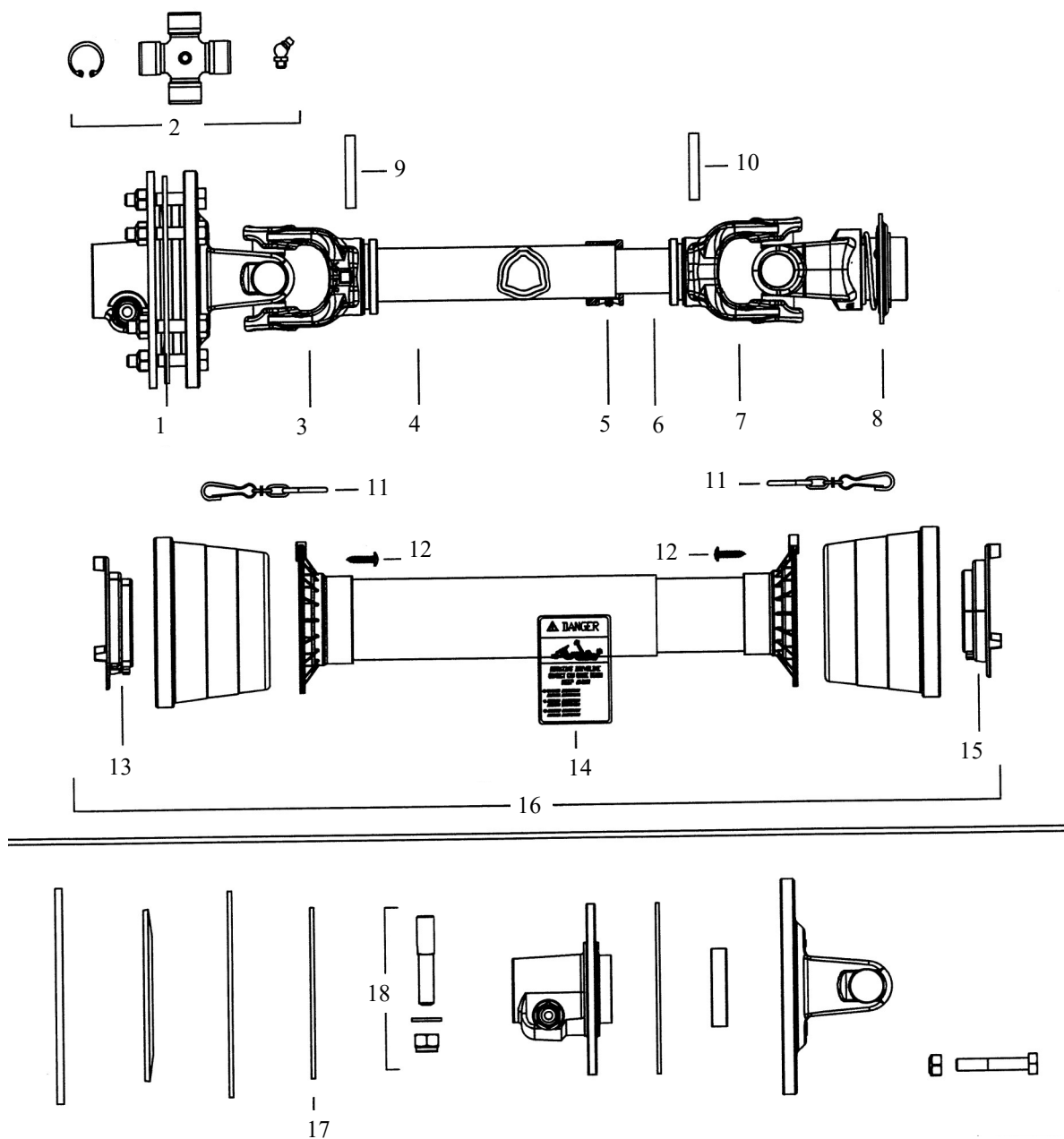
BW6277 Intermediate Drive Line



BW6277 Intermediate Drive Line Parts List

Ref. No.	Part No.	Description	Qty
1	6631	Cross Kit	2
2	6630	Yoke	1
3	N/A	N/A	1
4	N/A	N/A	1
5	5059	Lining	2
6	5054	Taper Pin	1

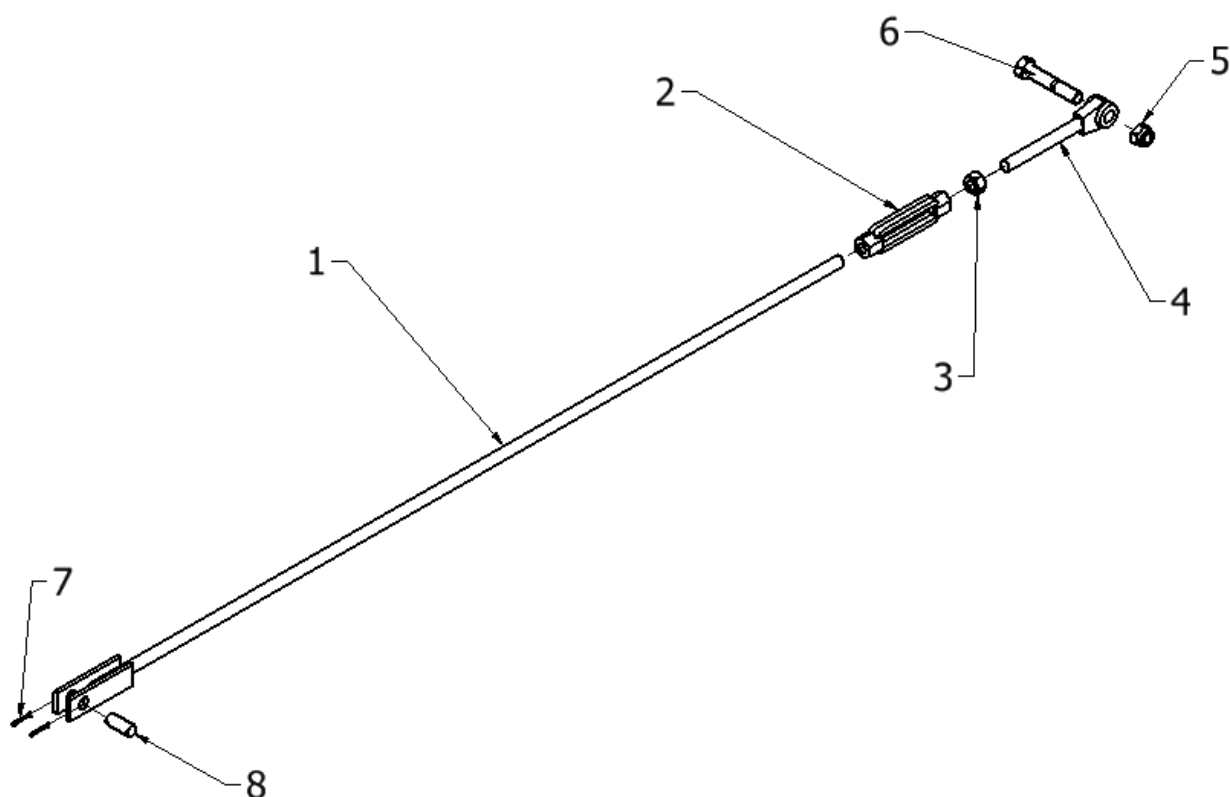
BW6278 Wing Drive Line



BW6278 Wing Drive Line Parts List

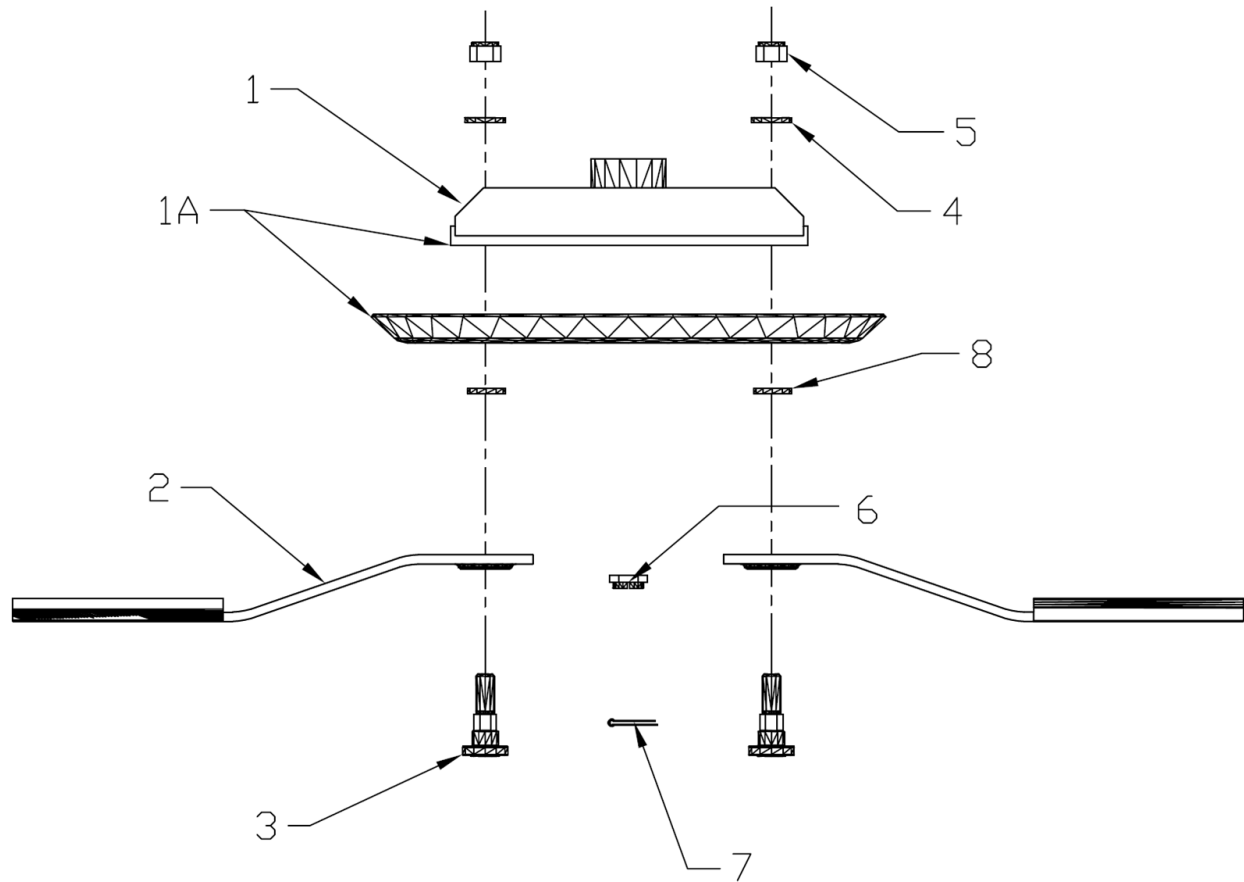
Ref. No.	Part No.	Description	Qty
1	N/A	N/A	1
2	6632	Cross Kit	2
3	6633	Yoke	1
4	6635	Outer Tube	1
5	N/A	N/A	1
6	6636	Inner Tube	1
7	6638	Yoke	1
8	6639	Yoke	1
9	6634	Roll Pin	1
10	6637	Roll Pin	1
11	5771	Chain	2
12	5050	Screw	6
13	6692	Shield Support	1
14	N/A	N/A	1
15	6693	Shield Support	1
16	6642	Complete Shield Kit	1
17	3963	Lining	2
18	6640	Taper Pin	1

5850 Complete Level Rod Assembly



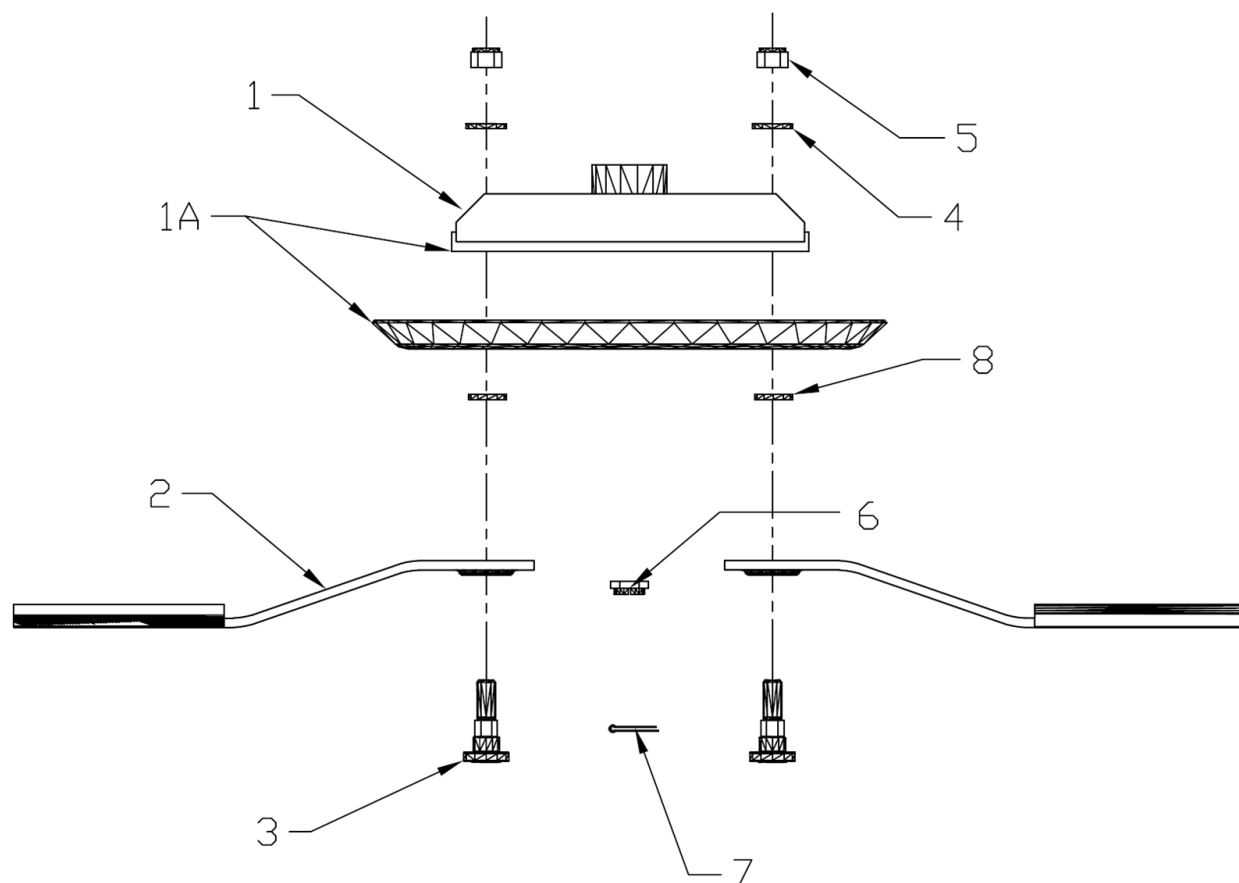
Ref. No.	Part No.	Description	Qty
1	6235	Front Level Rod	1
2	2321	Turnbuckle	1
3	5381	Nut	1
4	2320	Rear Level Rod	1
5	2638	Nut	1
6	5166	Bolt	1
7	2313	Cotter Pin	2
8	2315	Pin	1

Center Rotor Bar Assembly



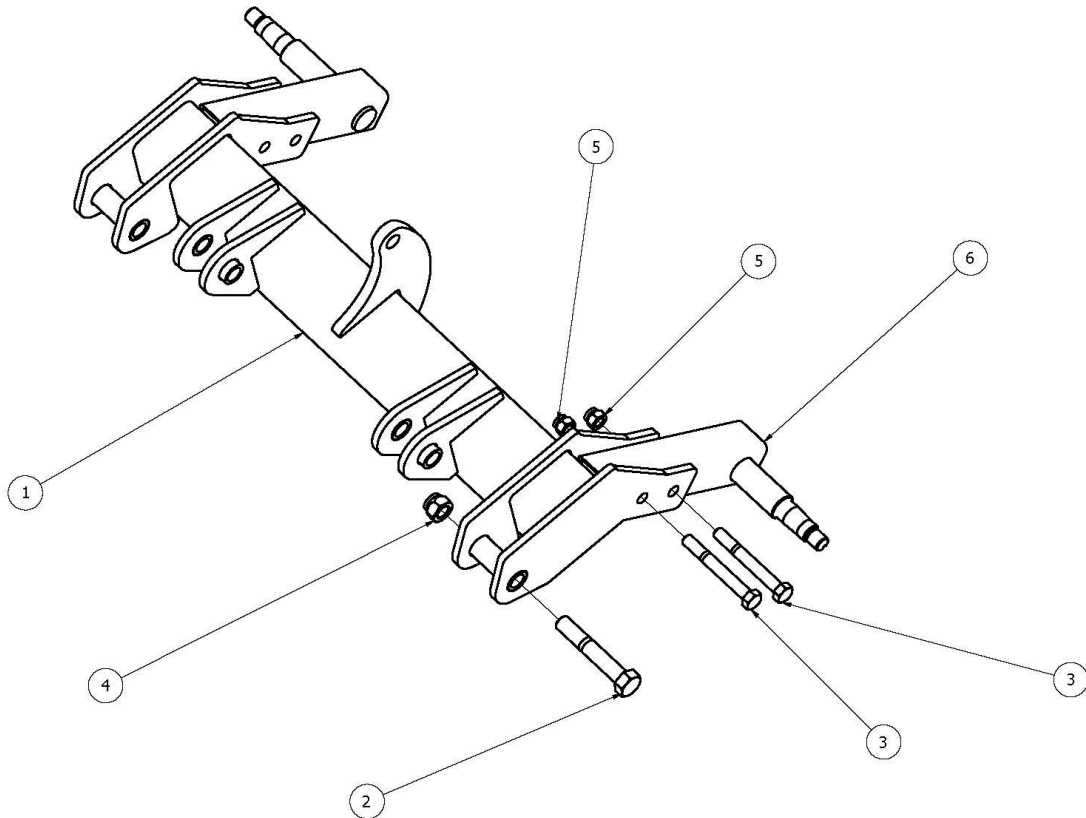
Ref. No.	Part No.	Description	Qty	Remarks
1&1A	5577	Center Blade Bar with Stump Jumper	1	
2	6681	Updraft Blade, CCW	2	
3	3095	Bolt	2	
4	2106	Washer	2	
5	2105	Nut	2	
6	5242	Output Shaft Nut	1	
7	5237	Cotter Pin	1	
8	3096	Washer	2	

Wing Rotor Bar Assembly



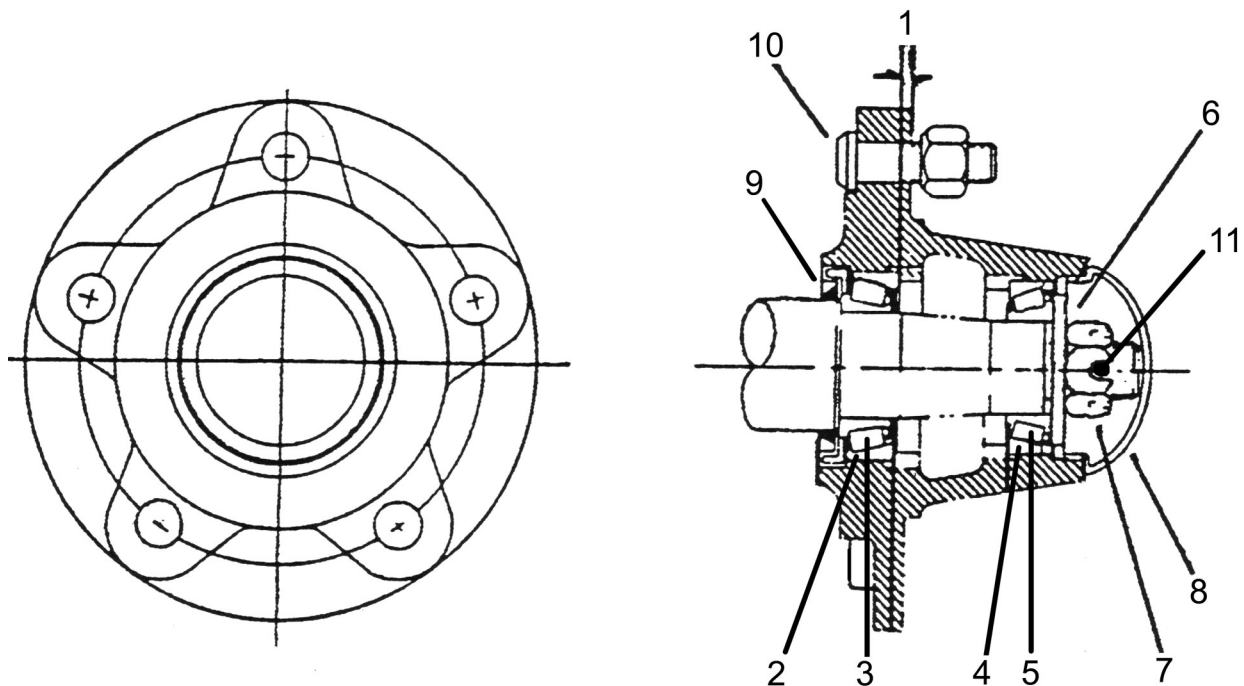
Ref. No.	Part No.	Description	Qty	Remarks
1&1A	5577	Wing Blade Bar with Stump Jumper	1	
2	6681	Updraft Blade, CCW	2	Left Wing
2	6682	Updraft Blade, CW	2	Right Wing
3	3095	Bolt	2	
4	2106	Washer	2	
5	2105	Nut	2	
6	5242	Output Shaft Nut	1	
7	5237	Cotter Pin	1	
8	3096	Washer	2	

Center Pivot Assembly



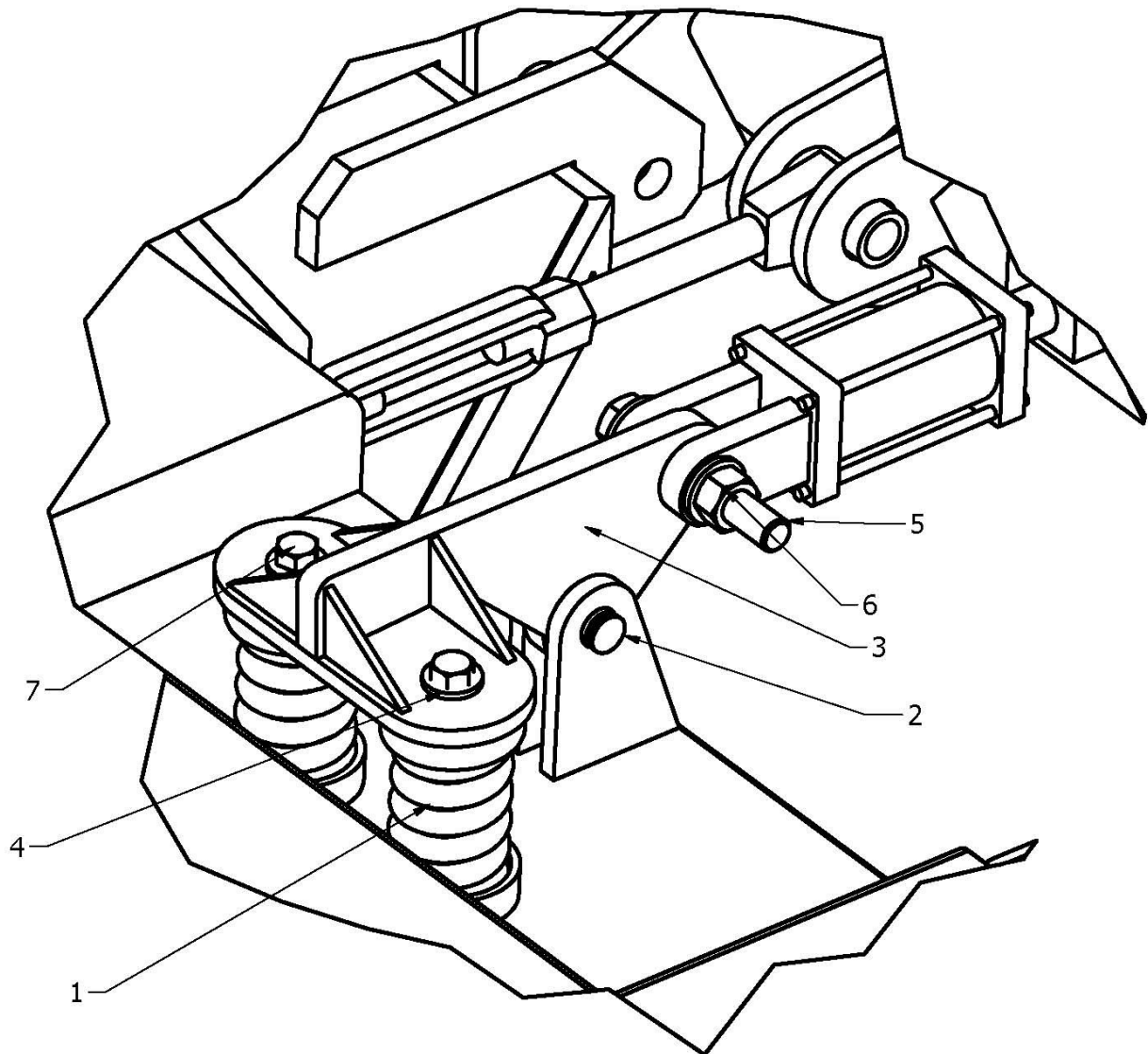
Ref. No.	Part No.	Description	Qty	Remarks
1	6233	Center Pivot	1	
2	5166	Bolt	2	
3	0-106	Bolt	4	
4	2638	Nut	2	
5	2077	Nut	4	
6	6248-L	Left Axle Arm	1	
6	6248-R	Right Axle Arm	1	

2448 Hub Assembly



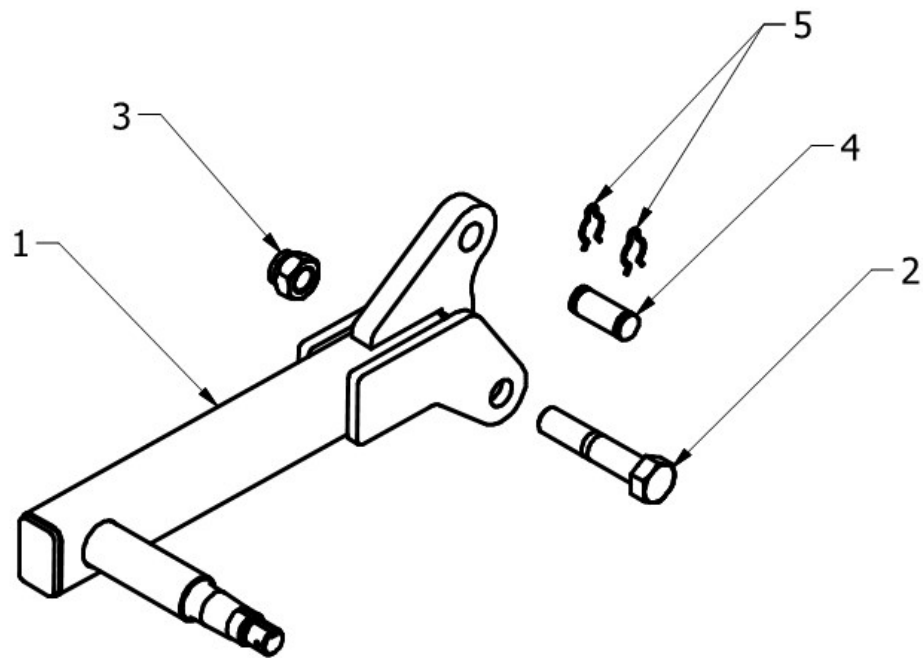
Ref. No.	Part No.	Description	Qty	Remarks
	2448	Complete Hub Assembly	REF	Includes Items 2-5,9,10
1	2449	Hub with Cups and Studs only	1	
2	2450	Inner Race	1	
3	2451	Inner Bearing	1	
4	2452	Outer Race	1	
5	2453	Outer Bearing	1	
6	3359	Spindle Washer	1	
7	3372	Spindle Nut	1	
8	2456	Dust Cap	1	
9	2457	Seal	1	
10	2458	Stud Bolt with Nut	5	
11	3360	Cotter Pin	1	
12	3917	Grease fitting	1	

Center Lift Cylinder Mounting Point



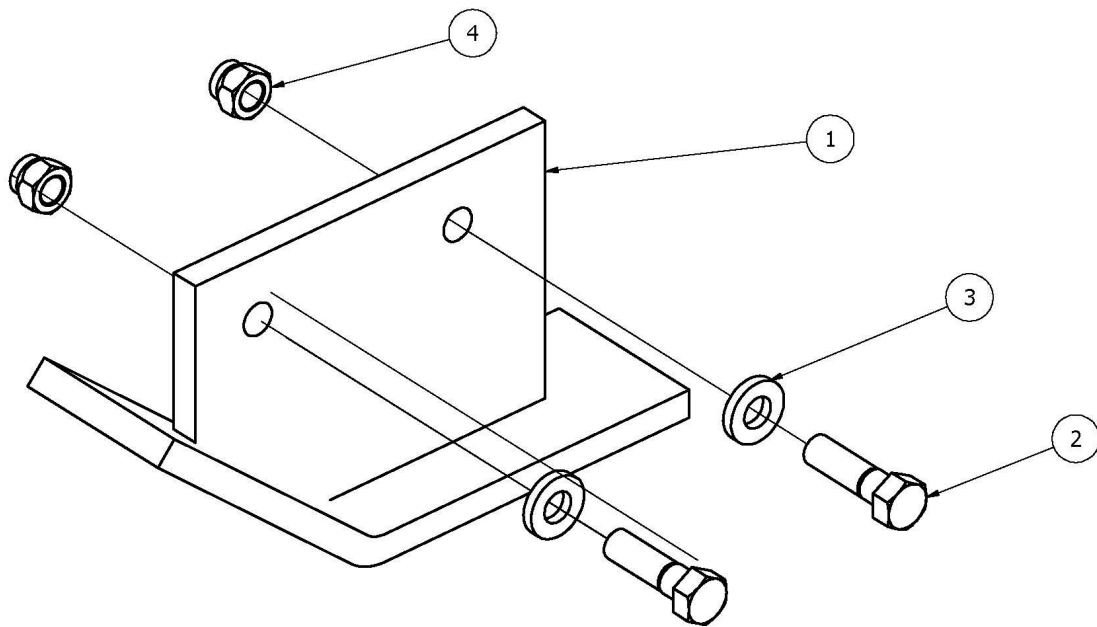
Ref. No.	Part No.	Description	Qty	Remarks
1	3454	Spring	2	
2	2354	Pin With Hair Pins	2	Comes with Cylinder
3	7045	Rocker Assembly	1	
4	4097	Washer	2	
5	2354	Obsolete		Boite Replaced by 2354
6	2354	Obsolete		Nut Replaced by 2354
7	3661	Bolt	2	
8	3148	Nut	2	Not Shown

Wing Axle Arm Assembly



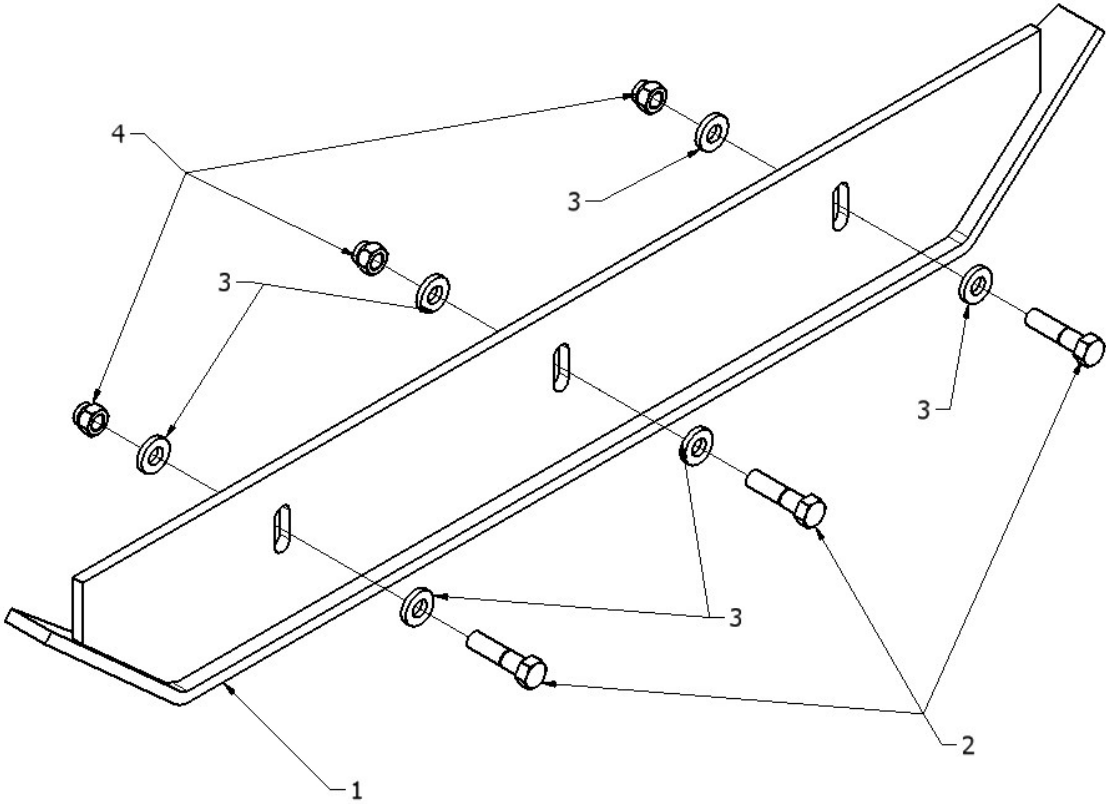
Ref. No.	Part No.	Description	Qty
Not Shown	7006L	Left Wing Axle Arm	1
1	7006R	Right Wing Axle Arm	1
2	6997	Bolt	1
3	2638	Nut	1
4	2384	Pin	1
5	3270	Hair Pin	2

3502 Center Skid Shoe Assembly



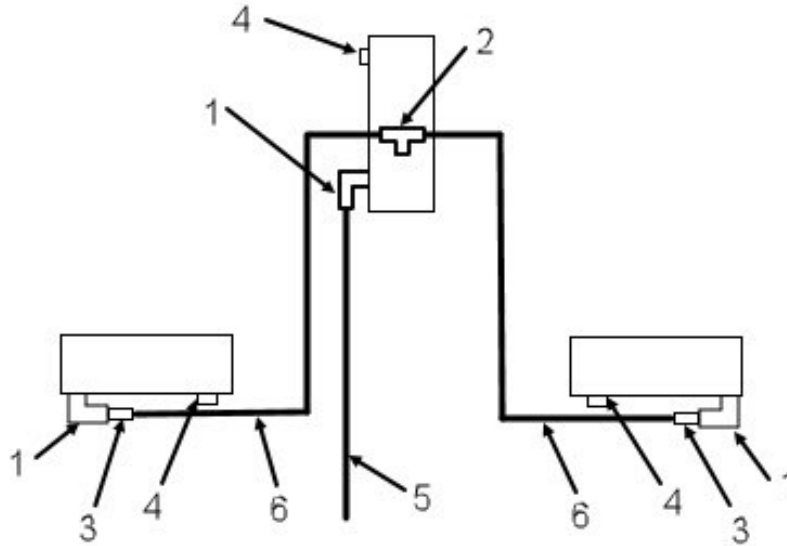
Ref. No.	Part No.	Description	Qty
1	6285	Skid Shoe	1
2	2335	Bolt	2
3	2337	Washer	2
4	2336	Nut	2

5108 Wing Skid Shoe Assembly



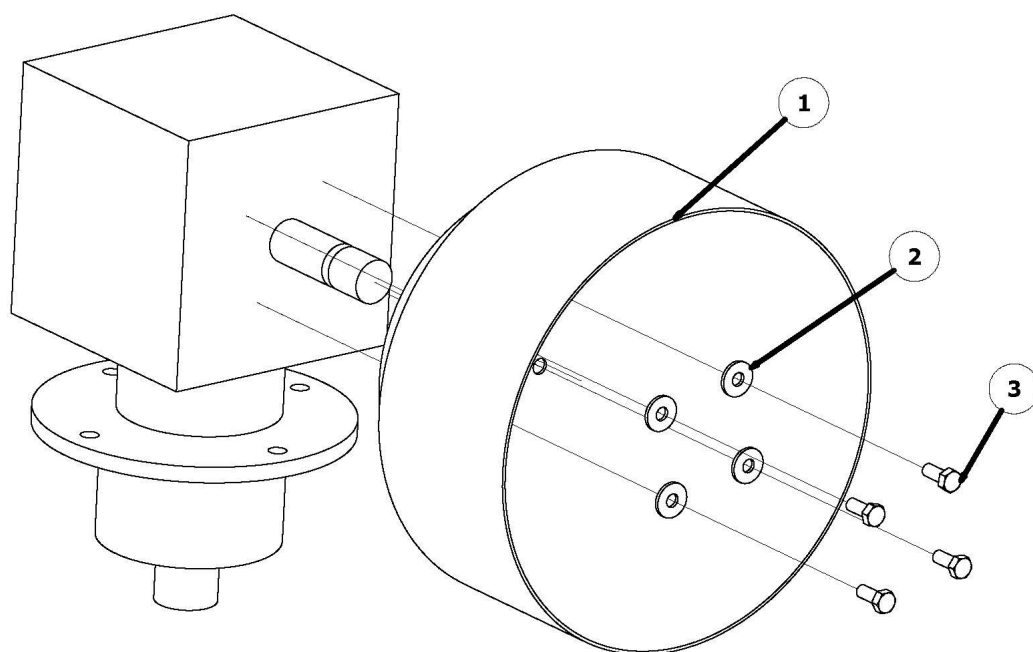
Ref. No.	Part No.	Description	Qty
1	5108	Wing Skid Shoe	1
2	2335	Bolt	3
3	2337	Washer	6
4	2336	Nut	3

Hydraulic Hose Plan



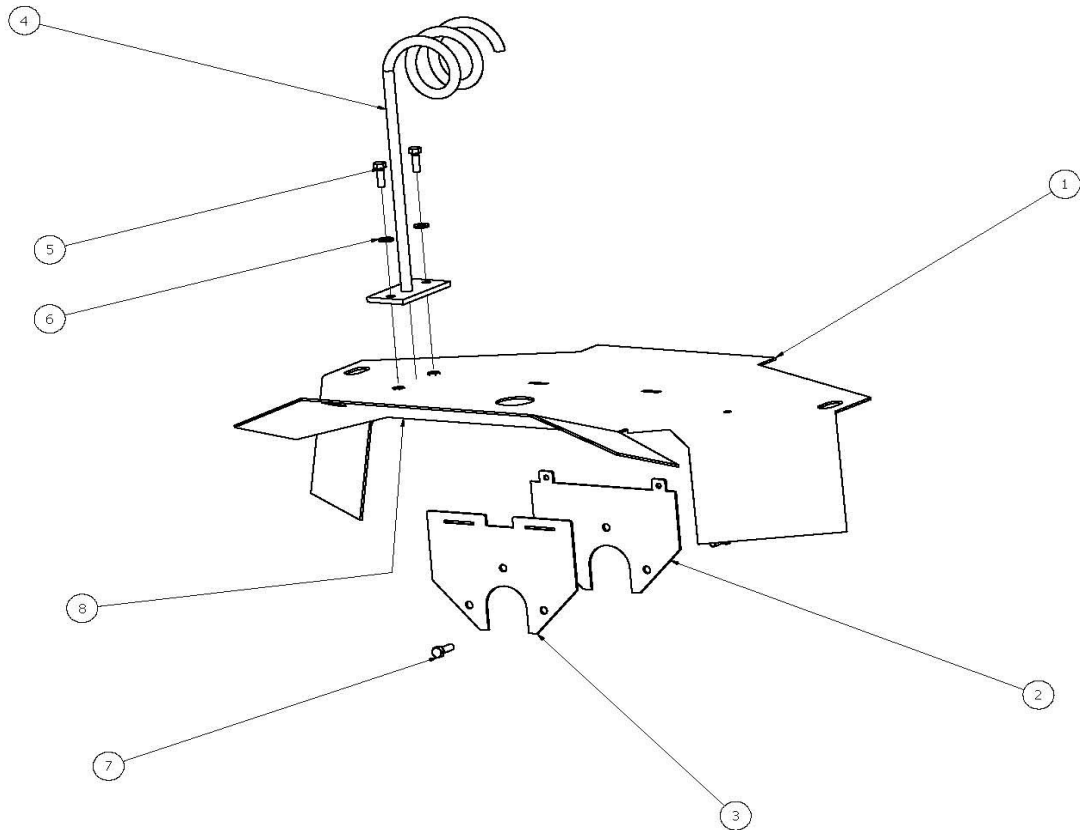
Ref. No.	Part No.	Description	Qty	Remarks
1	2350	Fitting	3	
2	6283	Fitting	1	
3	2465	Restrictor	2	
4	2466	Vent Fitting	3	
5	2344	Hose	1	
6	6282	Hose	2	

Wing Gearbox Shield Assembly



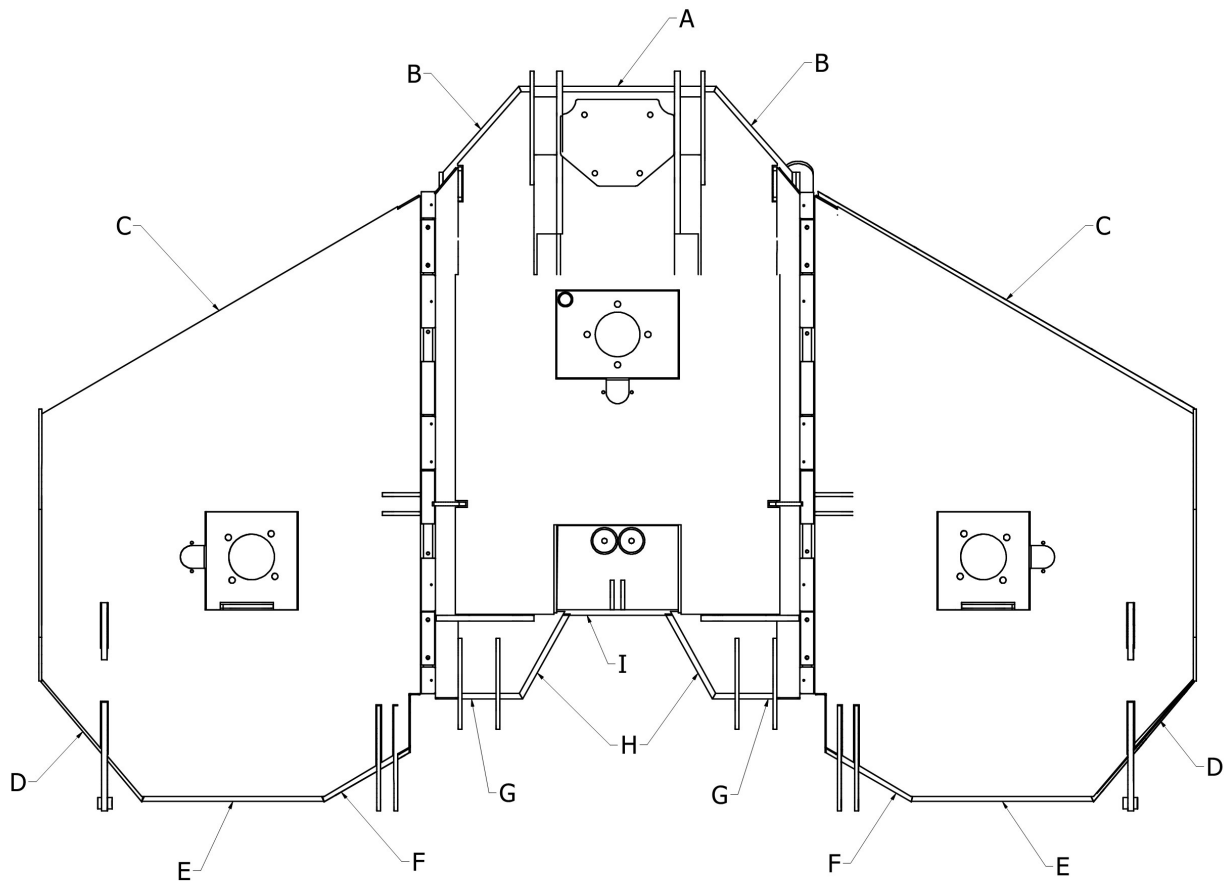
Ref. No.	Part No.	Description	Qty
1	5173	Shield Cover	1
2	5255	Washer	4
3	2693	Bolt	4

Divider Gearbox Shield Assembly



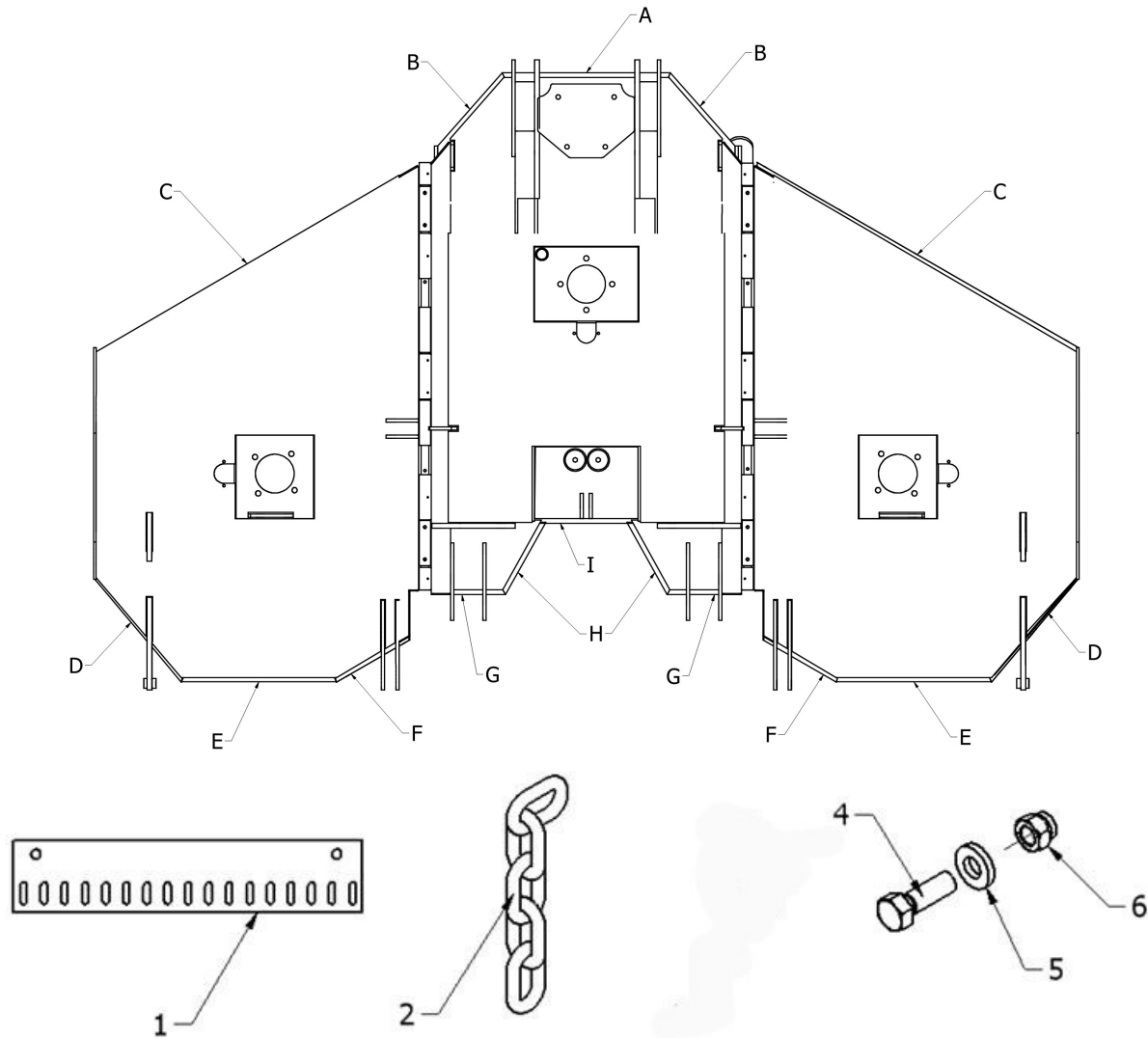
444Ref. No.	Part No.	Description	Qty
1	6280-3	Shield Cover	1
2	6280-2	Shield Mount	1
3	6280-1	Shield Mount	1
4	3394	Hose Holder	1
5	2512	Bolt	2
6	3415	Washer	2
7	4304	Bolt	6
8	2513	Nut	2

Chain Guard Assembly



REF	SINGLE ROW	
	LEFT	RIGHT
A	6239	
B	6238L	6238R
C	6237L	6237R
D	6949L	6949R
E	6950L	6950R
F	6951L	6951R
G	6242L	6242R
H	6241L	6241R
I	6240	

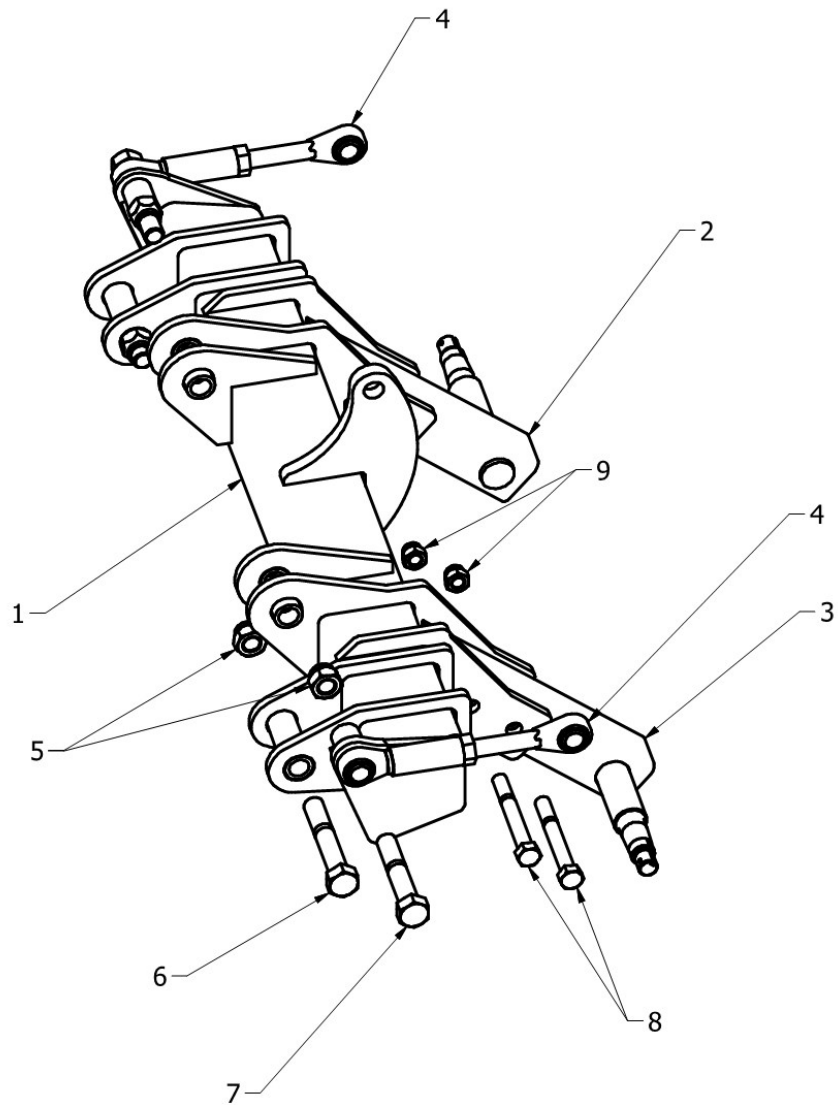
Chain Guard Assembly Components



Ref. No.	Part No.	Description
1	-	CHAIN GUARD PLATE
2	3583	CHAIN
3		Rod
4	2335	BOLT
5	2337	WASHER
6	2336	NUT

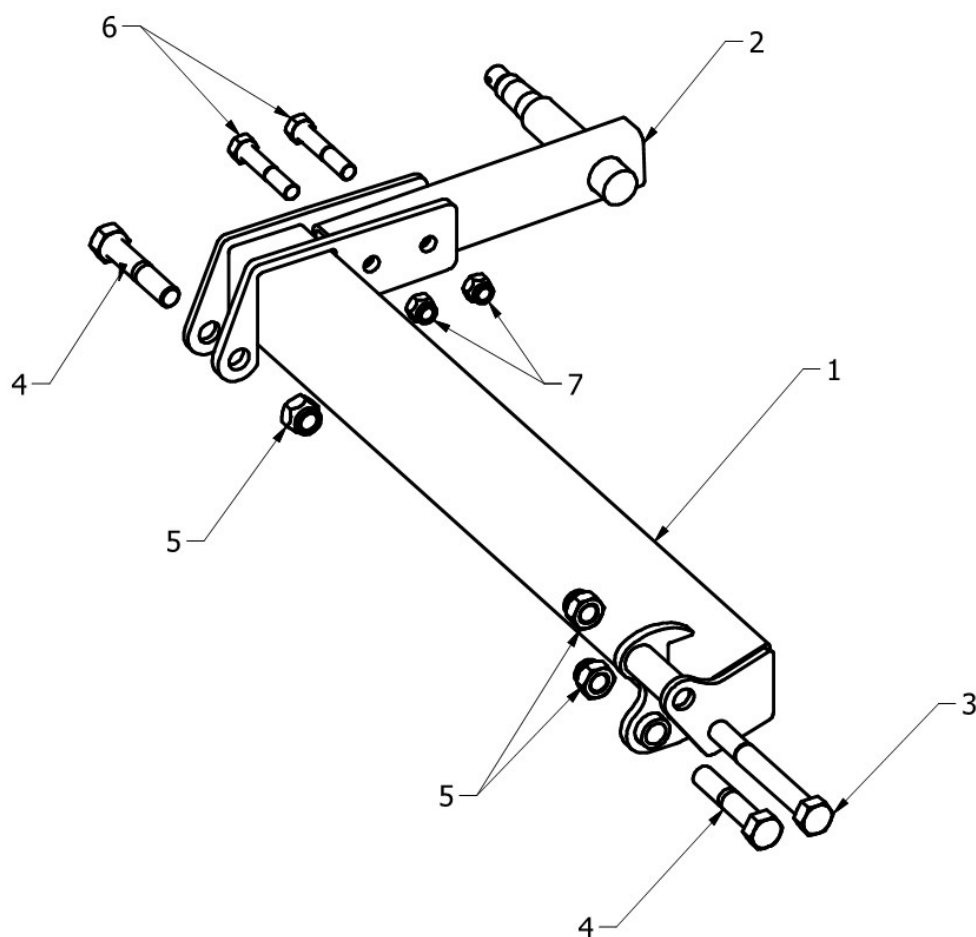
Optional
Equipment
and
Other Items
not Illustrated

6943 Center Pivot for Linkage Suspension



Ref. No.	Part No.	Description	Qty	Remarks
1	6943	Center Pivot	1	
2	6248R	Right Axle Arm	1	
3	6248L	Left Axle Arm	1	
4	6735	Turnbuckle	2	
5	2638	Nut	4	
6	5166	Bolt	2	
7	3389	Bolt	2	
8	0-106	Bolt	4	
9	2077	Nut	4	

Wing Pivot for Linkage Suspension



Ref. No.	Part No.	Description	Qty	Remarks
1	6944	Right Wing Pivot	1	
Not Shown	6945	Left Wing Pivot	1	
2	6948R	Right Wing Axle Arm	1	
Not Shown	6948L	Left Wing Axle Arm	1	
3	6797	Bolt	1	
4	6997	Bolt	2	
5	2638	Nut	3	
6	3056	Bolt	2	
7	5795	Nut	2	

Notes

