



2014
PARTS BOOK
T-180
(1,000 RPM)

PARTSBOOK

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 Partsbook

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

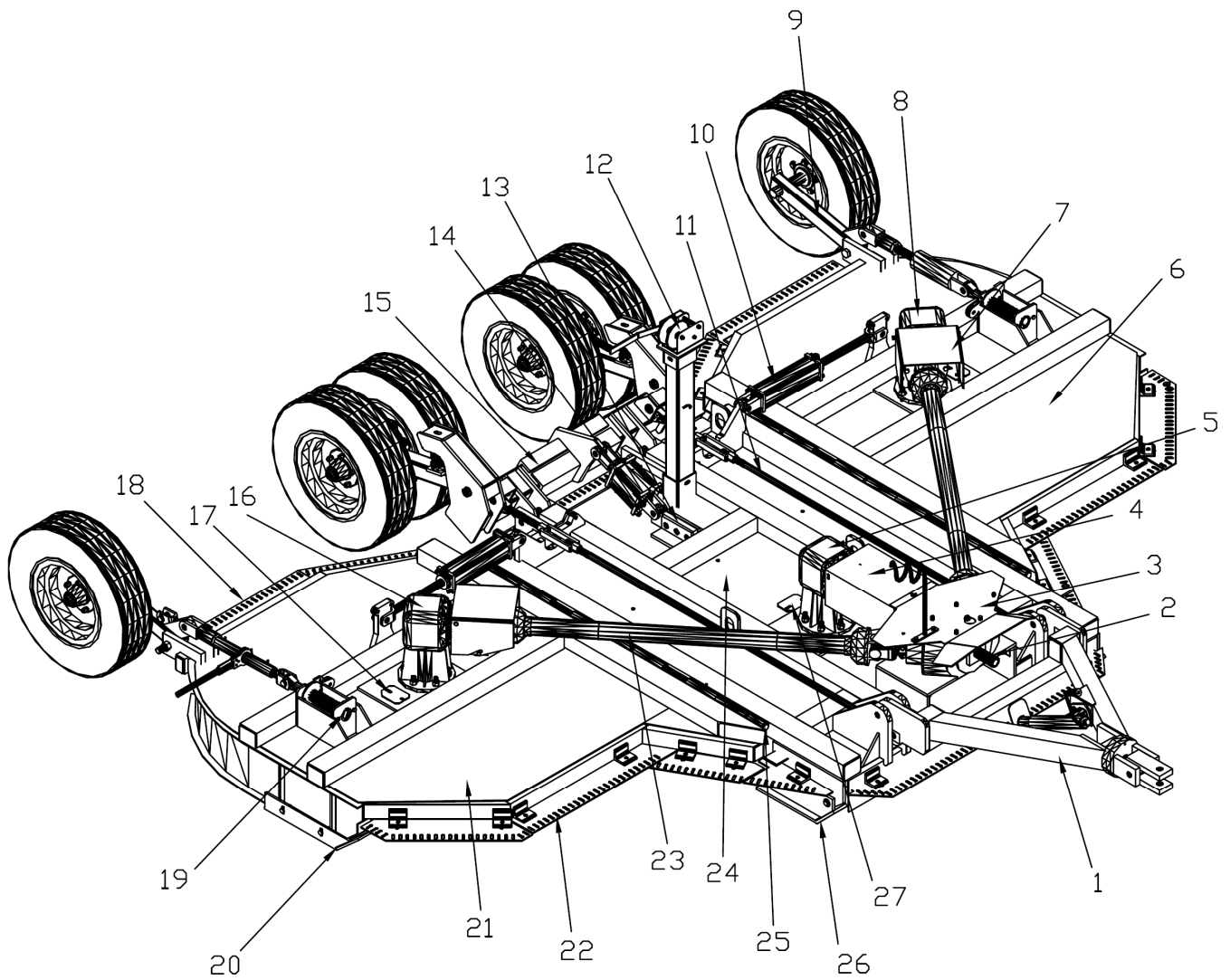
Part No.ò Refers to the part number of the part. This is what you use when ordering new parts, as well as description and quantity.

Descriptionò Gives the description of the part

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

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

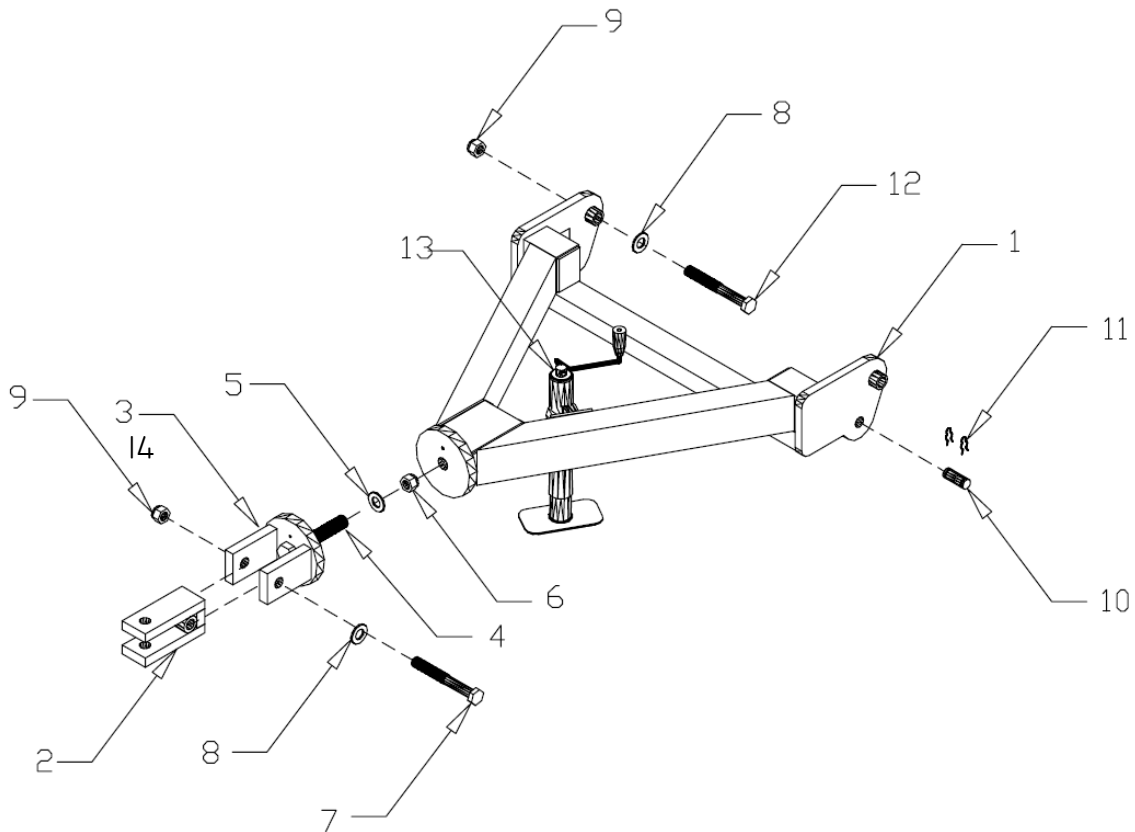
T-180 Assembly Breakdown



T-180 Assembly Breakdown

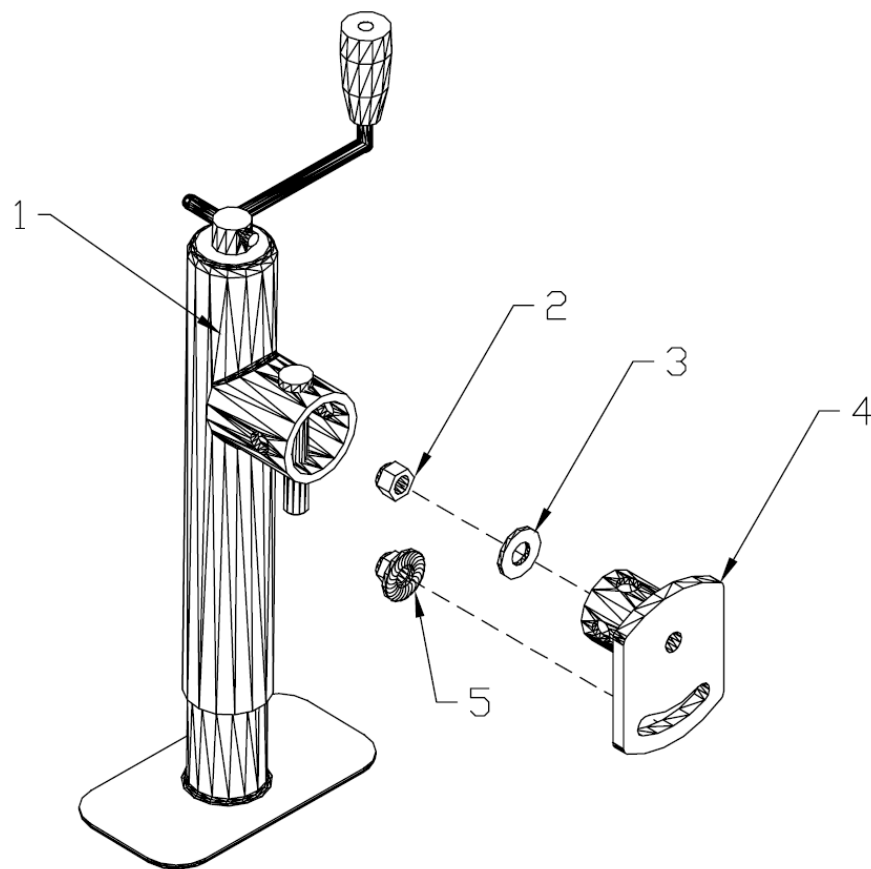
Ref. No.	Description	Page Number
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2	Divider Box	12-13
3	Divider Box Shield Assembly	37
4	Center Gearbox Shield Assembly	38
5	Center Gearbox	16-17
6	Left Wing Assembly (Part #3216)	N/A
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8	Left Wing Gearbox	16-17
9	Wing Axle Arm Assembly	29
10	Wing Lift Cylinder	30
11	Level Rod Assembly	15
12	Winch Stand Assembly	36
13	Center Lift Cylinder Mounting Point	27
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15	Center Pivot Assembly	24
16	Right Wing Gearbox	18-19
17	Wing Access Cover (Part #4419)	N/A
18	Rear Chain Guards	45-47
19	Wing Shock Absorber Assembly	28
20	Wing Skid Shoe	33
21	Right Wing Assembly (Part #2965)	N/A
22	Front Chain Guards	40-44
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24	Center Deck Assembly (Part #2963)	N/A
25	Hinge Pins (Part #2961)	N/A
Not Shown	Hinge Roll Pin (Part #2556)	N/A
26	Center Skid Shoe	32
27	Center Access Cover (Part #4459)	N/A
Not Shown	Hydraulic Hose Plan	34, 54
Not Shown	Hydraulic Valve	35
Not Shown	Travel Bar Assembly	31
Not Shown	Intermediate Drive Shaft	14
Not Shown	CV Drive Shaft	10-11
Not Shown	Main Drive Shaft	8-9
Not Shown	Center Rotor Bar Assembly	22
Not Shown	Wing Rotor Bar Assembly	23

Tongue with Swivel Clevis



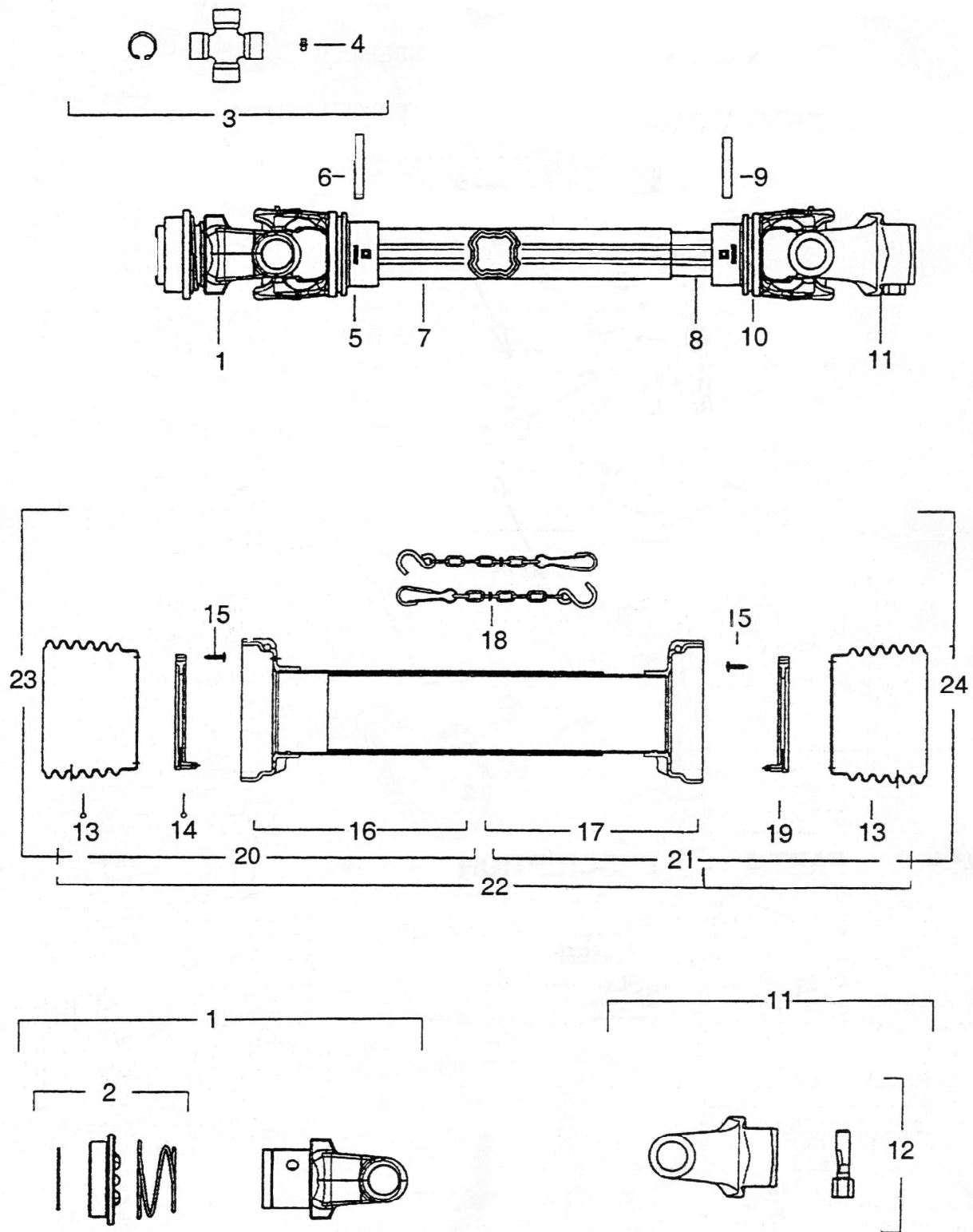
Ref. No.	Part No.	Description	Qty
1	4126	Swivel Tongue Only	1
2	2312	Clevis	1
3	3604	Swivel	1
4	3369	Swivel Bolt	1
5	2531	Washer	1
6	3012	Nut	1
7	2968	Bolt	1
8	3449	Washer	1
9	2638	Nut	3
10	2315	Level Rod Pin	2
11	2313	Cotter Pin	4
12	2629	Bolt	2
13	2969	Jack	1
14	5639	Set screw	1

Tongue Jack Mounting Assembly



Ref. No.	Part No.	Description	Qty
1	2969	Jack	1
2	2336	Nut	1
3	2337	Washer	1
4	4089	Plate	1
5	4885	Nut	1

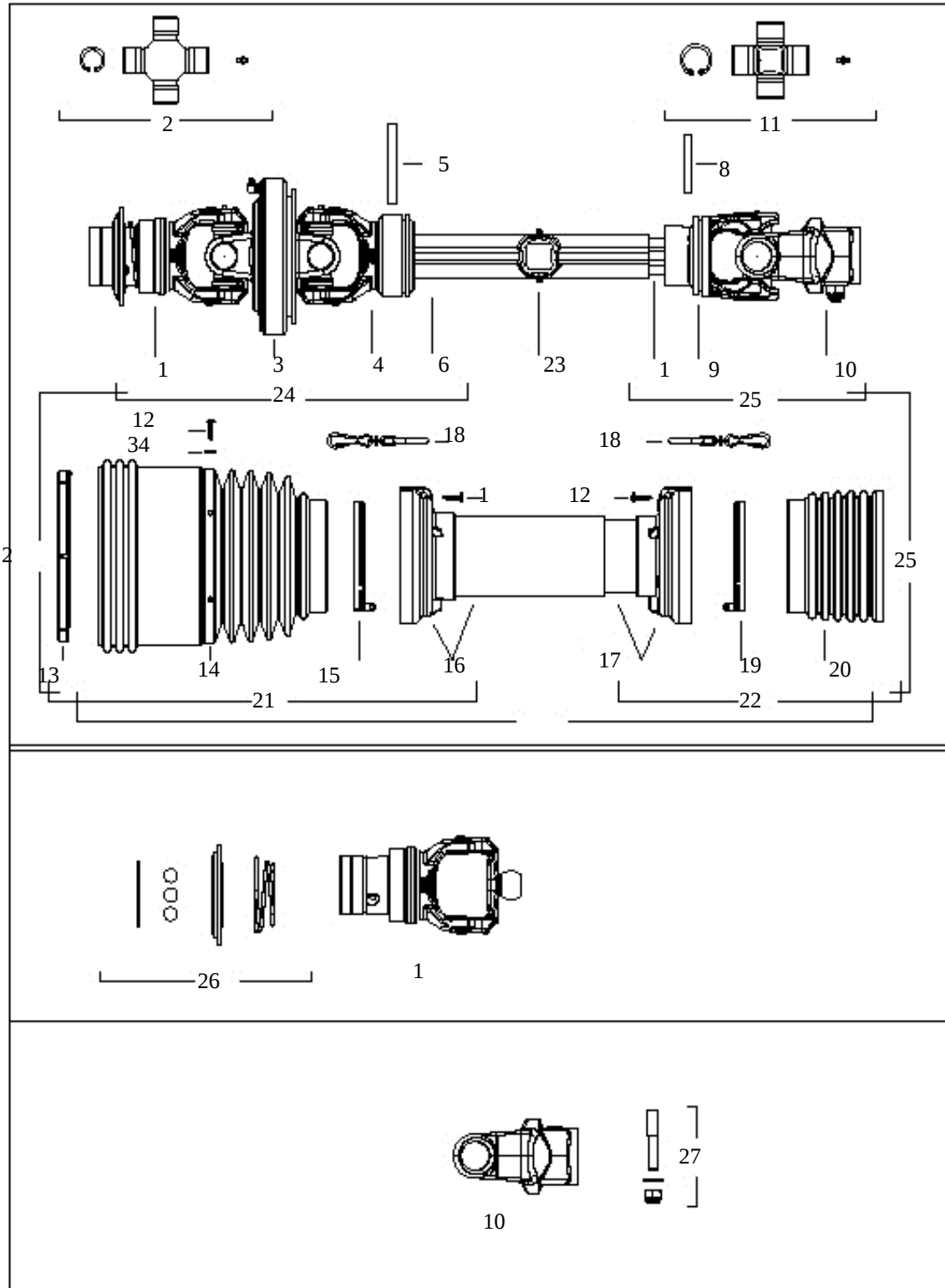
4080 Main Drive Shaft



4080 Main Drive Shaft Parts List

Ref. No.	Part No.	Description	Qty
1	4078	Slide Collar Yoke	1
2	4079	Slide Collar Kit	1
3	3916	Cross Kit	2
4	3917	Grease Fitting	2
5	3918	Outer Tube Yoke	1
6	3919	Outer Roll Pin	1
7	3920	Outer Tube (Steel)	1
8	3921	Inner Tube (Steel)	1
9	4145	Inner Roll Pin	1
10	3923	Inner Tube Yoke	1
11	3924	Quick Disconnect Yoke	1
12	3925	QD Pin Kit	1
13	3926	Shield Bell	2
14	3927	Outer Shield Ring	1
15	3928	Shield Screw	6
16	3929	Outer Shield Tube	1
17	3930	Inner Shield Tube	1
18	3931	Shield Safety Chain	2
19	3932	Inner Shield Ring	1
20	3933	Outer Half Shield Complete	1
21	3934	Inner Half Shield Complete	1
22	3935	Complete Shield Assembly	1
23	4476	Outer Half Shaft Complete	1
24	3937	Inner Half Shaft Complete	1

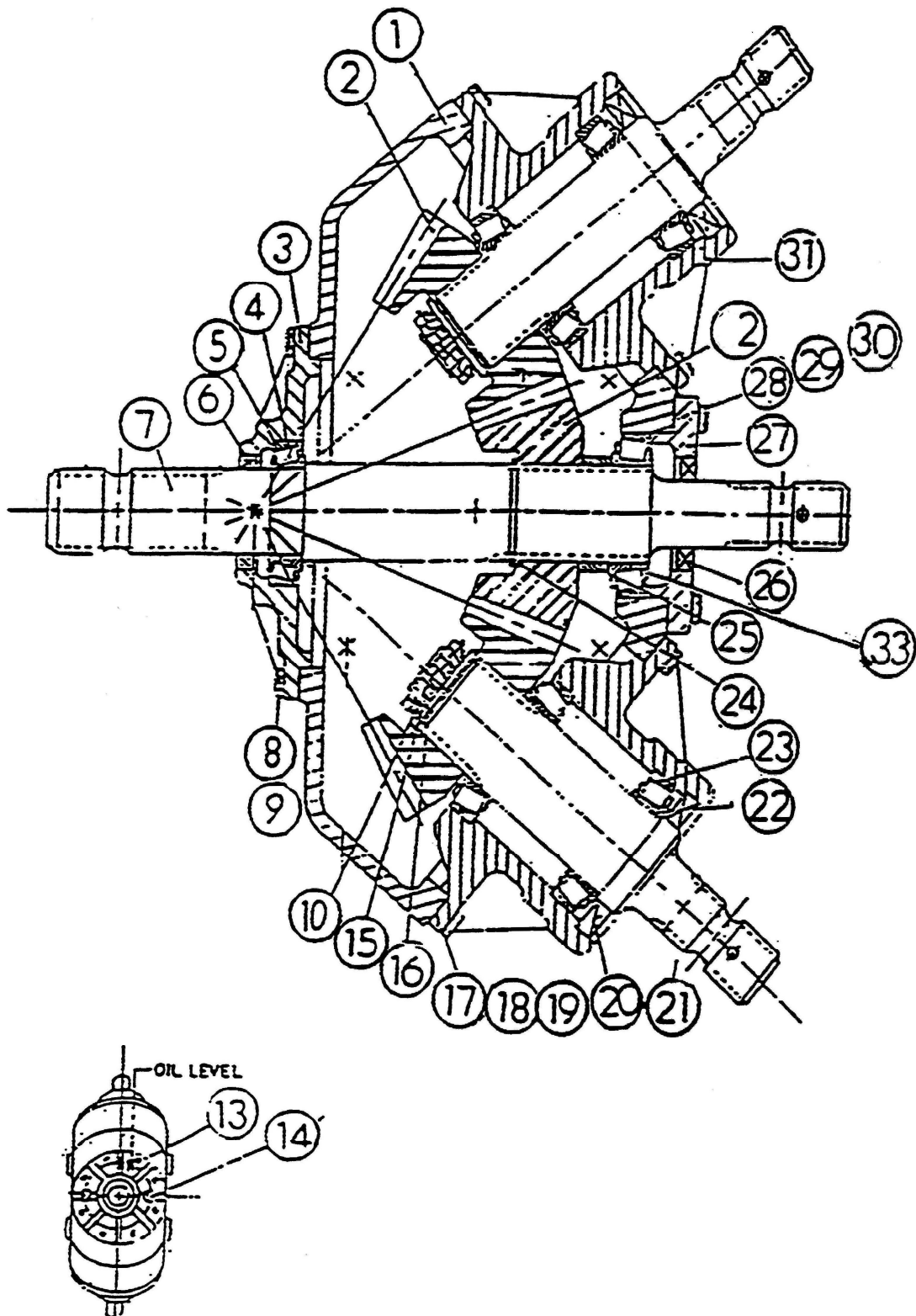
4972 Constant Velocity Drive Shaft



4972 Constant Velocity Drive Shaft Parts List

Ref. No.	Part No.	Description	Qty	Comments
1	4973	Slide Collar CV Yoke	1	Slide Collar CV Yoke 1-3/8" z=21
2	4918	CV Cross Kit	1	
3	4919	CV Body	1	
4	4920	Outer Tube Yoke	1	
5	4921	Outer Roll Pin	1	
6	3975	Outer Tube (Steel)	1	
7	4968	Inner Tube (Steel)	1	
8	4924	Inner Roll Pin	1	
9	3923	Inner Yoke	1	
10	4945	Quick Disconnect Yoke	1	1-3/4" z=20
11	4926	Cross Kit	1	
12	3928	Shield Screw	12	
13	4927	Shield Cone	1	
14	4946	Outer Shield Bell	1	
15	4904	Shield Flange	1	
16	3982	Outer Shield Tube	1	
17	3983	Inner Shield Tube	12	
18	3931	Shield Safety Chain	2	
19	3932	Inner Shield Ring	1	
20	3926	Inner Shield Bell	1	
21	3984	Outer Shield Complete	1	
22	3985	Inner Shield Complete	1	
23	4969	Complete Shield Assembly	1	
24	4970	CV Half Shaft Complete	1	
25	4971	Inner Half Shaft Complete	1	
26	4076	Slide Collar Kit	1	
27	4960	QD Pin Kit	1	
28		NOT USED		
29		NOT USED		
30		NOT USED		

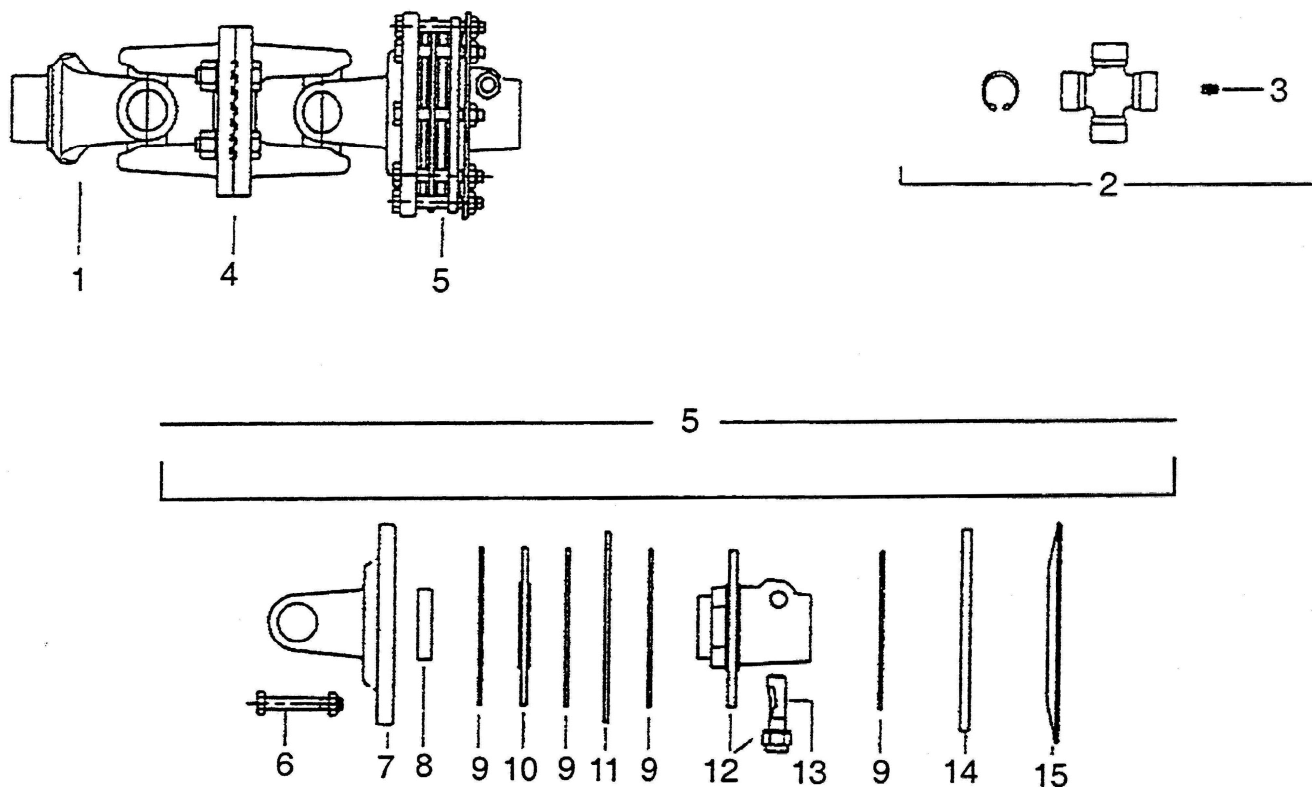
3306 Divider Gear Box (See Maintenance Section for Recommended Lubrication)



3306 Divider Gear Box
(See Maintenance Section for Recommended Lubrication)
Parts List

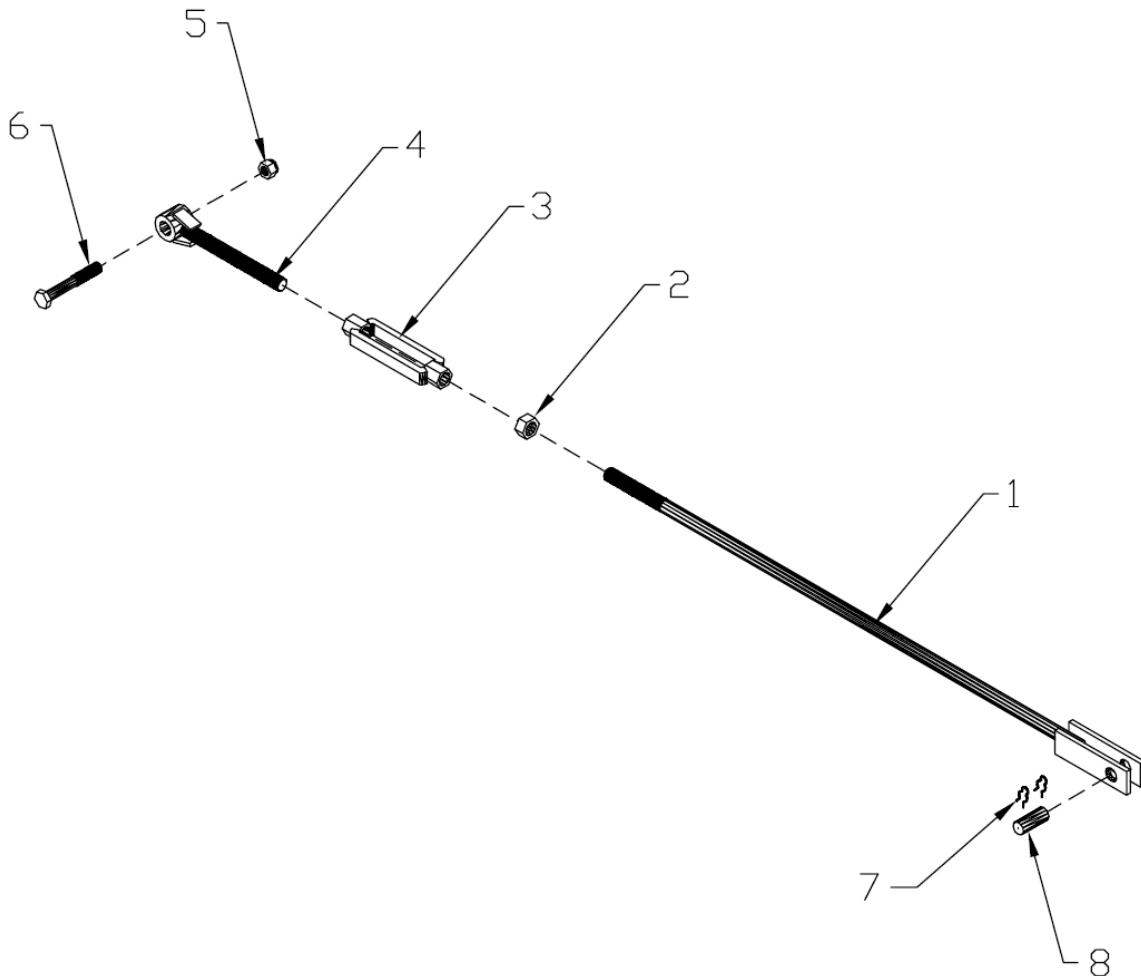
Ref. No.	Part No.	Description	Qty
1	2973	Housing	1
2	3307	Gear	3
3	2739	Cap	1
4	2715	Bearing Cone	1
5	2716	Bearing Race	1
6	2713	Seal	1
7	2975	Input Shaft	1
8	2728	Bolt	28
9	2727	Washer	28
10	2741	Lock Nut	2
13	2742	Oil Plug	1
14	2723	Vent Plug	1
15	2743	Lock Washer	2
16	2744	Washer	2
17	2721	Shim	AR
18	2722	Shim	AR
19	2745	Shim	AR
20	2746	Seal	2
21	2976	Shaft	2
22	2711	Bearing Cone	5
23	2712	Bearing Race	4
24	2719	Retaining Ring	1
25	2749	Spacer	1
26	2751	Seal	1
27	2752	Cap	1
28	2753	Shim	AR
29	2754	Shim	AR
30	2755	Shim	AR
31	2756	Cap	2
33	3149	Race	1

3956 Intermediate Drive Shaft



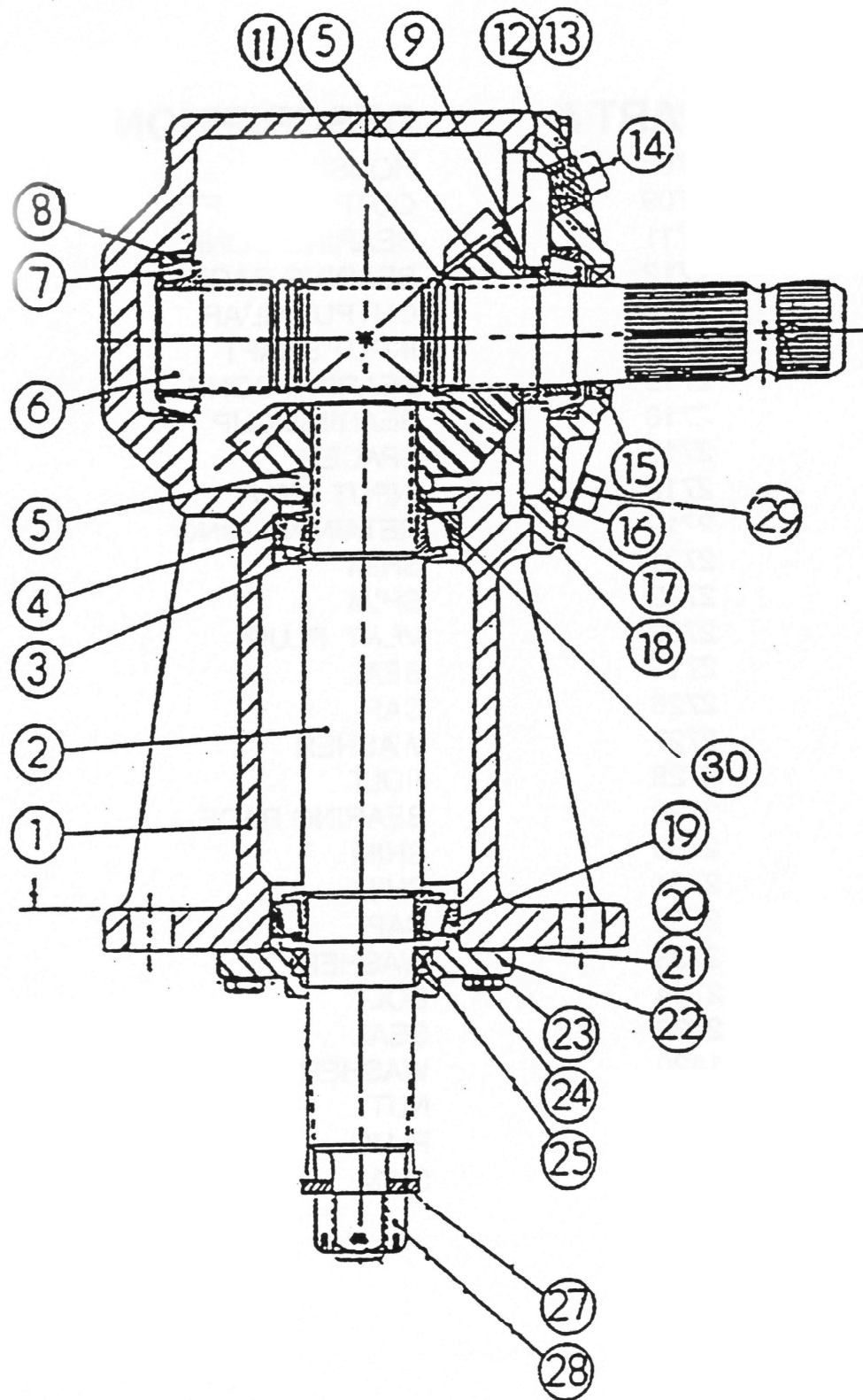
Ref. No.	Part No.	Description	Qty
1	4147	Splined Yoke	1
2	3916	Cross Kit	2
3	3958	Grease Fitting	1
4	3959	Flange	1
5	3960	Complete Clutch Assembly	1
6	4098	Bolt with Nut	8
7	3916	Flange Yoke	1
8	3962	Bushing	1
9	3963	Clutch Disk	4
10	3964	Clutch Plate	1
11	3965	Inner Plate	1
12	3966	Splined Hub	1
13	3967	Bolt with Nut	1
14	3968	Outer Plate	1
15	3969	Spring	1

2964 Level Rod Assembly



Ref. No.	Part No.	Description	Qty
1	2972	Front Level Rod	1
2	5381	Nut	1
3	2321	Turnbuckle	1
4	2320	Rear Level Rod	1
5	2638	Nut	1
6	2626	Bolt	1
7	2313	Cotter Pin	2
8	2315	Pin	1

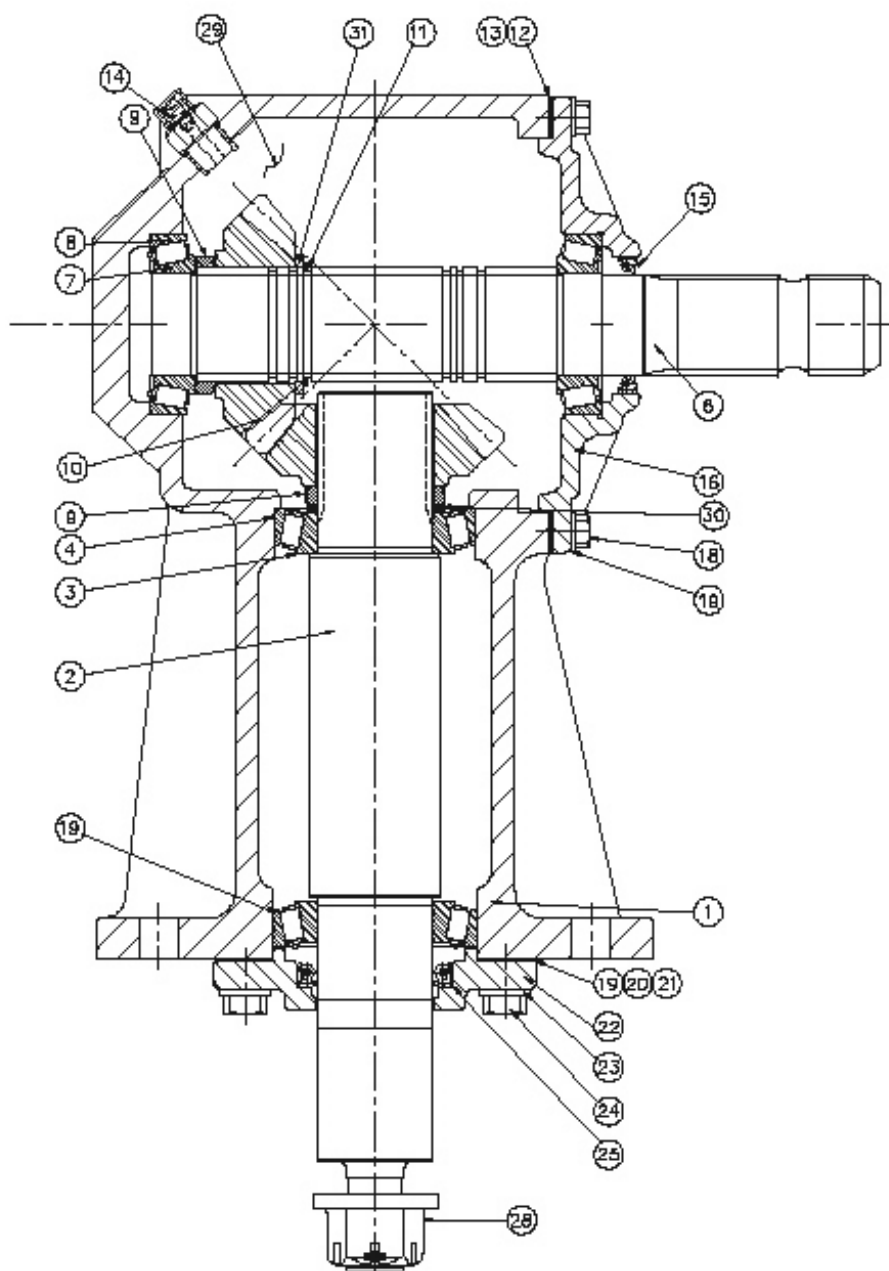
3308 Gear Box - Center and Left Wing
(See Maintenance Section for Recommended Lubrication)



3308 Gear Box - Center and Left Wing
(See Maintenance Section for Recommended Lubrication)
Parts List

Ref. No.	Part No.	Description	Qty
1	2708	Housing	1
2	2709	Output Shaft	1
3	2711	Bearing Cone	2
4	2712	Bearing Race	1
5	3309	Gear	2
6	2714	Input Shaft	1
7	2715	Bearing Cone	2
8	2716	Bearing Cup	2
9	3311	Spacer	2
11	2719	Retaining Ring	1
12	2721	Shim	AR
13	2722	Shim	AR
14	2723	Vent Plug	1
15	2713	Seal	1
16	2726	Cap	1
17	2727	Washer	8
18	2728	Bolt	8
19	2729	Bearing Race	1
20	2730	Shim	AR
21	2731	Shim	AR
22	2732	Cap	1
23	2733	Washer	4
24	2734	Bolt	4
25	2735	Seal	1
27	1420	Washer	1
28	1421	Nut	1
29	2748	Plug	1
30	3231	Shim	AR
31	3312	Spacer	1

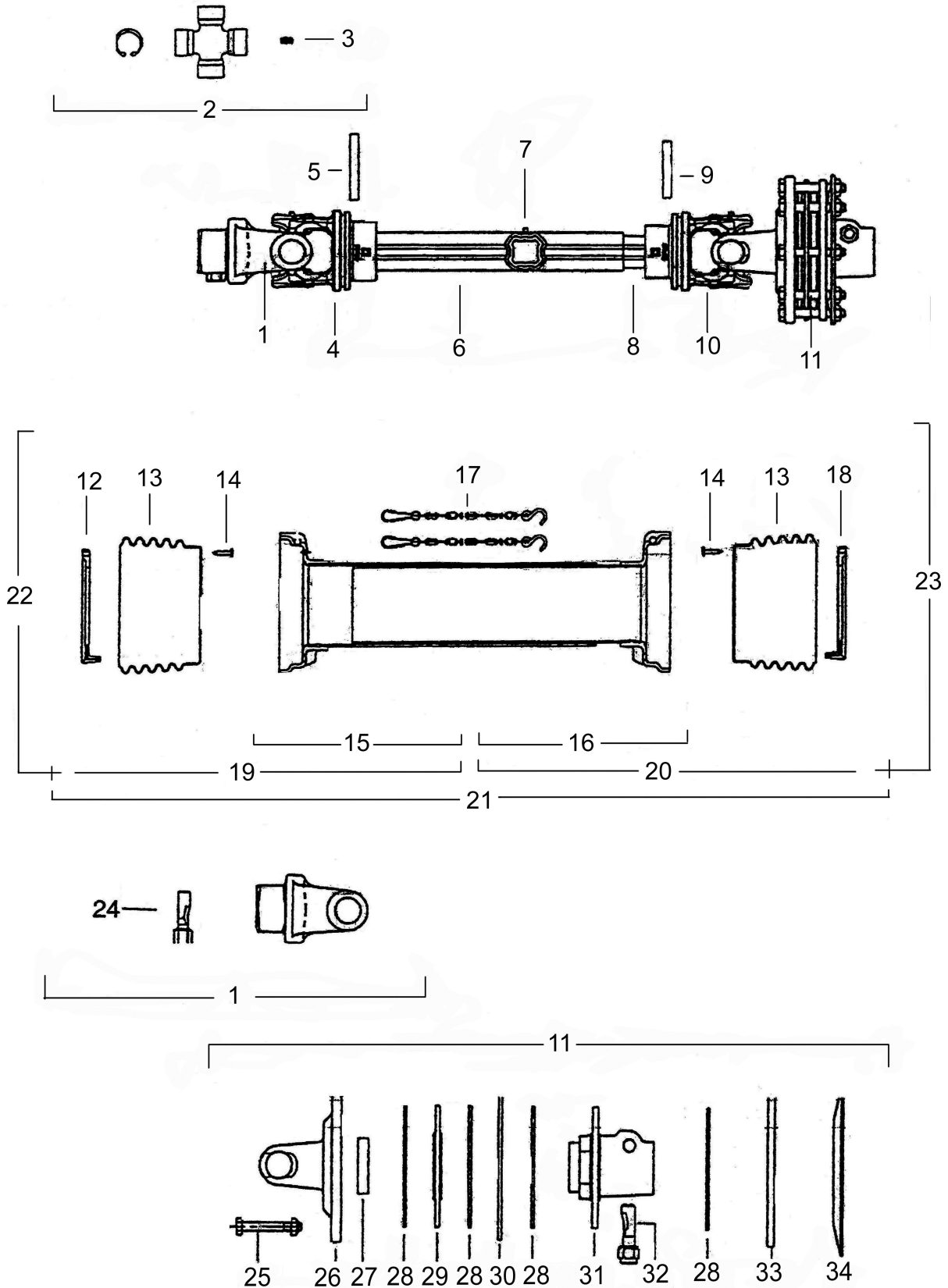
3310 Gear Box - Right Wing **(See Maintenance Section for Recommended Lubrication)**



3310 Gear Box - Right Wing
(See Maintenance Section for Recommended Lubrication)
Parts List

Ref. No.	Part No.	Description	Qty
1	2708	Housing	1
2	2709	Output Shaft	1
3	2711	Bearing Cone	2
4	2712	Bearing Race	1
6	2714	Input Shaft	1
7	2715	Bearing Cone	2
8	2716	Bearing Cup	2
9	3311	Spacer	2
10	3309	Gear 17T	2
11	2719	Retaining Ring	1
12	2721	Gasket	AR
13	2722	Gasket	AR
14	2723	Vent Plug 1/2"NPT	1
15	2713	Seal	1
16	2726	Cap	1
17	2727	Washer	8
18	2728	Bolt	8
19	2729	Bearing Race	1
20	2730	Gasket	AR
21	2731	Gasket	AR
22	2732	Cap	1
23	2733	Washer	4
24	2734	Bolt	4
25	2735	Seal	1
27	1420	Washer	1
28	1421	Nut	1
29	2748	Plug 1/8"NPT	1
30	3231	Shim	AR
31	3312	Spacer	1

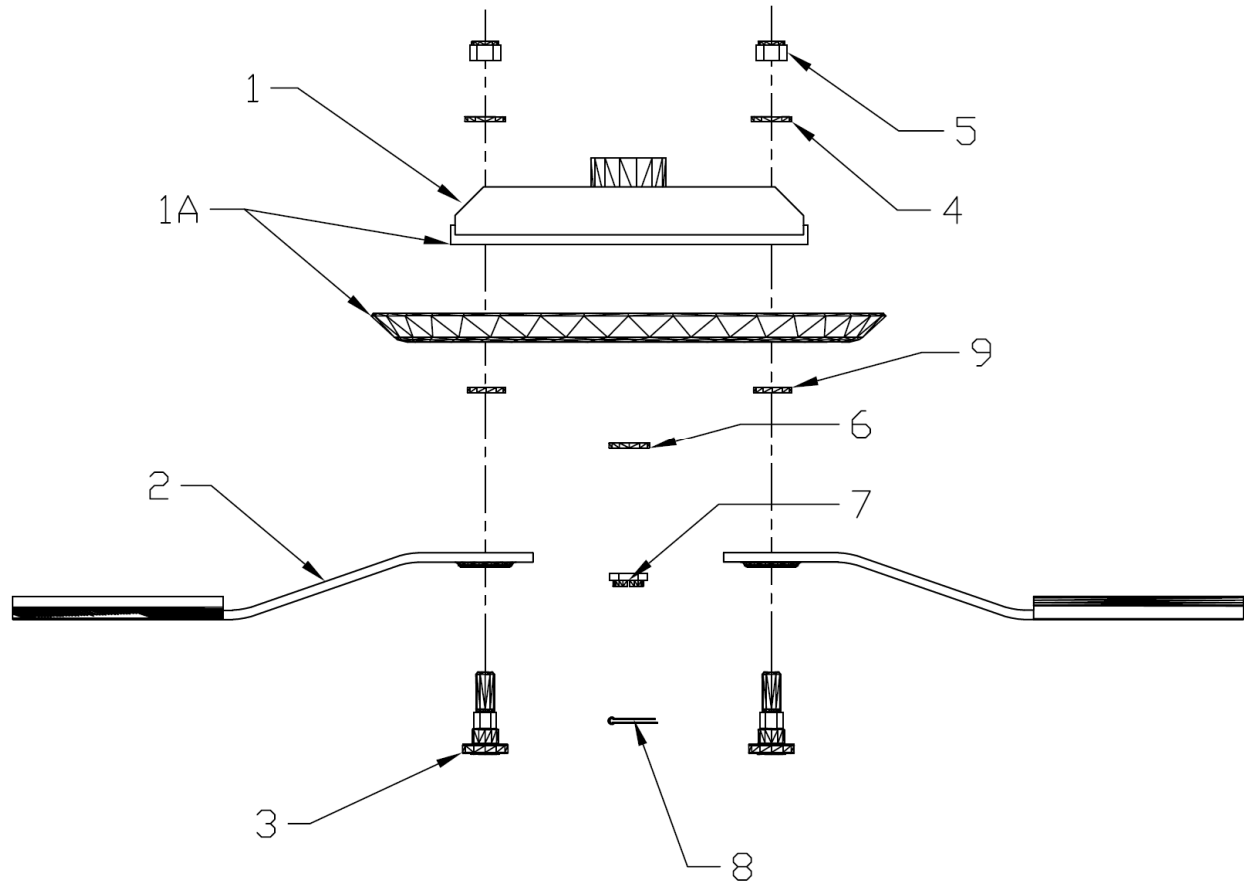
4005 Complete Wing Drive Shaft



4005 Complete Wing Drive Shaft Parts List

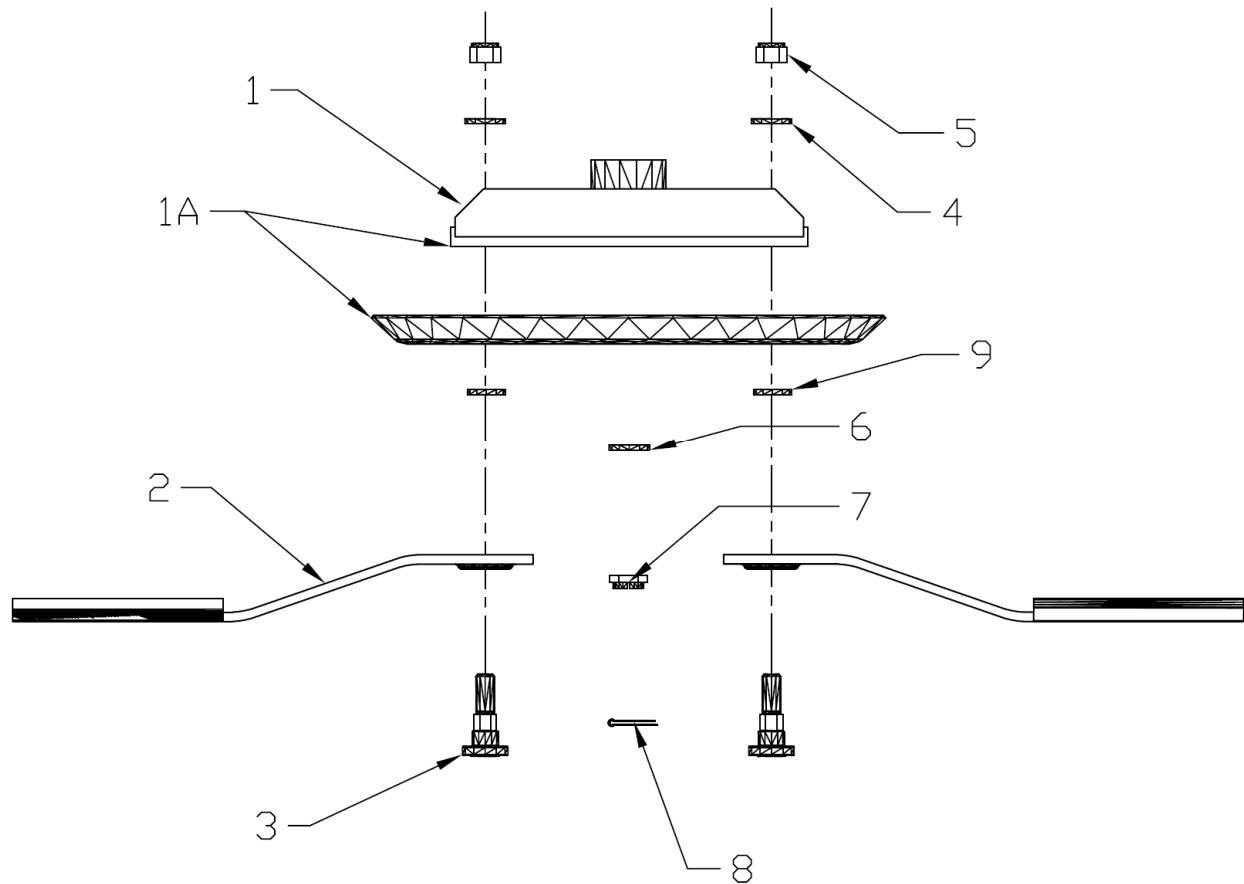
Ref. No.	Part No.	Description	Qty
1	4006	Quick Disconnect Yoke	1
2	3941	Cross Kit	2
3	3917	Grease Fitting	1
4	3942	Outer Tube Yoke	1
5	3919	Outer Roll Pin	1
6	4007	Outer Tube (Steel)	1
7	4008	Grease Fitting	1
8	4009	Inner Tube (Steel)	1
9	3922	Inner Roll Pin	1
10	3945	Inner Tube Yoke	1
11	4010	Complete Clutch Assembly	1
12	3927	Outer Shield Ring	1
13	3947	Shield Bell	2
14	3928	Shield Screw	6
15	4011	Outer Shield Tube	1
16	4095	Inner Shield Tube	1
17	4012	Shield Safety Chain	2
18	3932	Inner Shield Ring	1
19	4013	Outer Shield Complete	1
20	4014	Inner Shield Complete	1
21	4015	Complete Shield Assembly	1
22	4016	Outer Half Shaft Complete	1
23	4017	Inner Half Shaft Complete	1
24	5684	QD Pin Kit	1
25	1719	Bolt with Nut	8
26	4018	Flange Yoke	1
27	3962	Bushing	1
28	3963	Clutch Disk	4
29	3964	Clutch Plate	1
30	3965	Inner Plate	1
31	3966	Splined Hub	1
32	3967	Bolt with Nut	1
33	3968	Outer Plate	1
34	3969	Spring	1

Center Rotor Bar Assembly



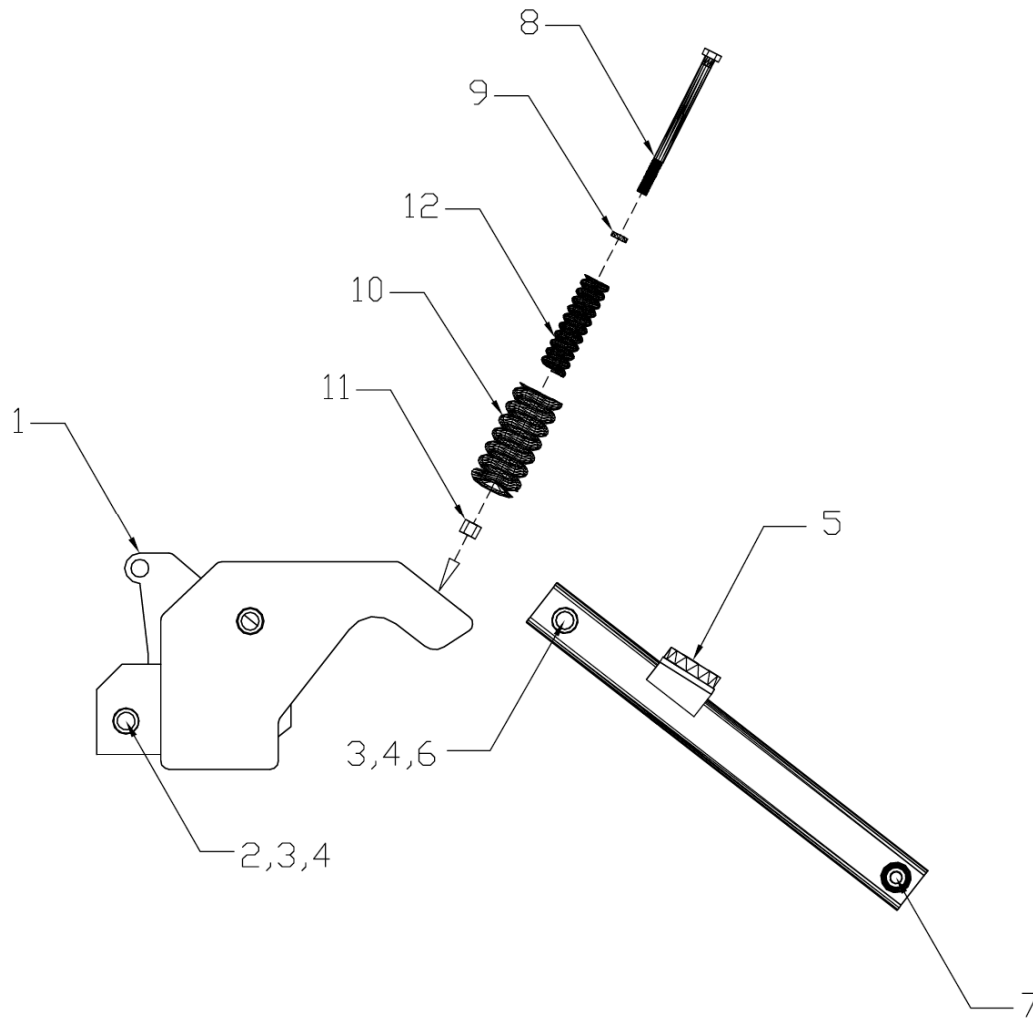
Ref. No.	Part No.	Description	Qty	Remarks
1	3168	Center Blade Bar	1	
1A	3092	Center Blade Bar with Stump Jumper	REF	
2	3093	Updraft Blade, CCW	2	
3	3095	Bolt	2	
4	2106	Washer	2	
5	2105	Nut	2	
6	1420	Output Shaft Washer	1	
7	1421	Output Shaft Nut	1	
8	1422	Cotter Pin	1	
9	3096	Washer	2	Only needed when using Stump Jumper

Wing Rotor Bar Assembly



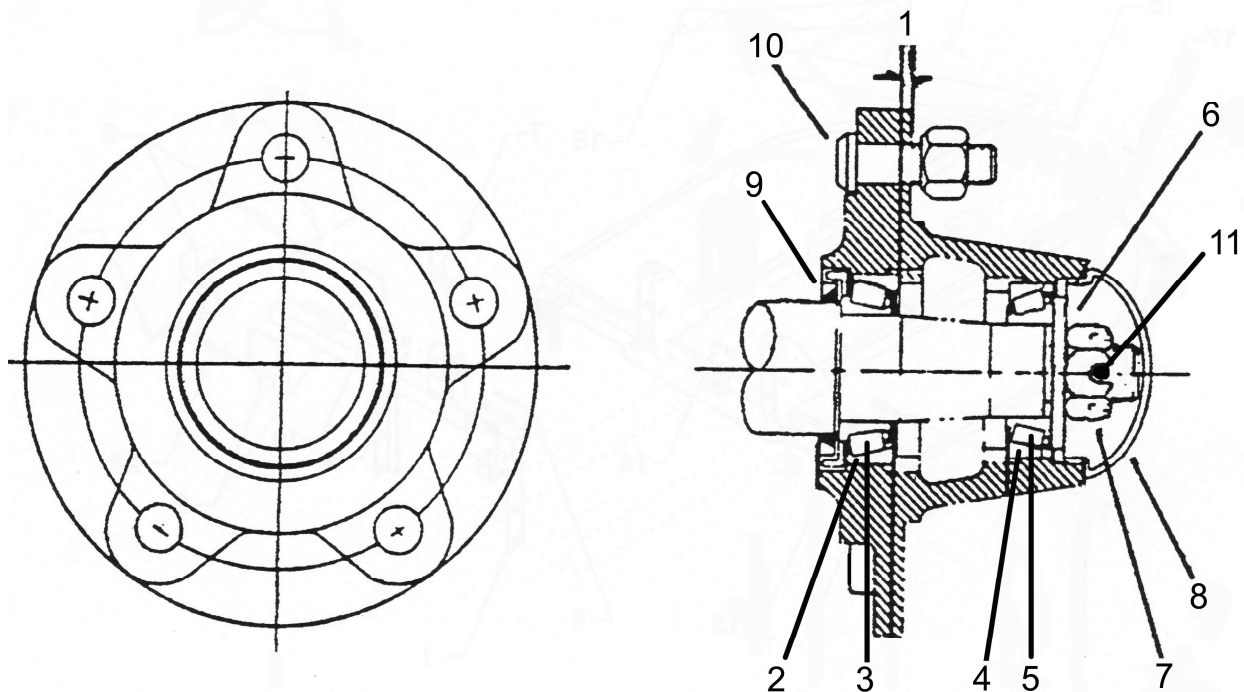
Ref. No.	Part No.	Description	Qty	Remarks
1	3097	Wing Blade Bar	1	
1A	3098	Wing Blade Bar with Stump Jumper	REF	
2	3093	Updraft Blade, CCW	2	Right Wing
Not Shown	3094	Updraft Blade, CW	2	Left Wing
3	3095	Bolt	2	
4	2106	Washer	2	
5	2105	Nut	2	
6	1420	Output Shaft Washer	1	
7	1421	Output Shaft Nut	1	
8	1422	Cotter Pin	1	
9	3096	Washer	2	Only needed when using Stump Jumper

Center Pivot Assembly



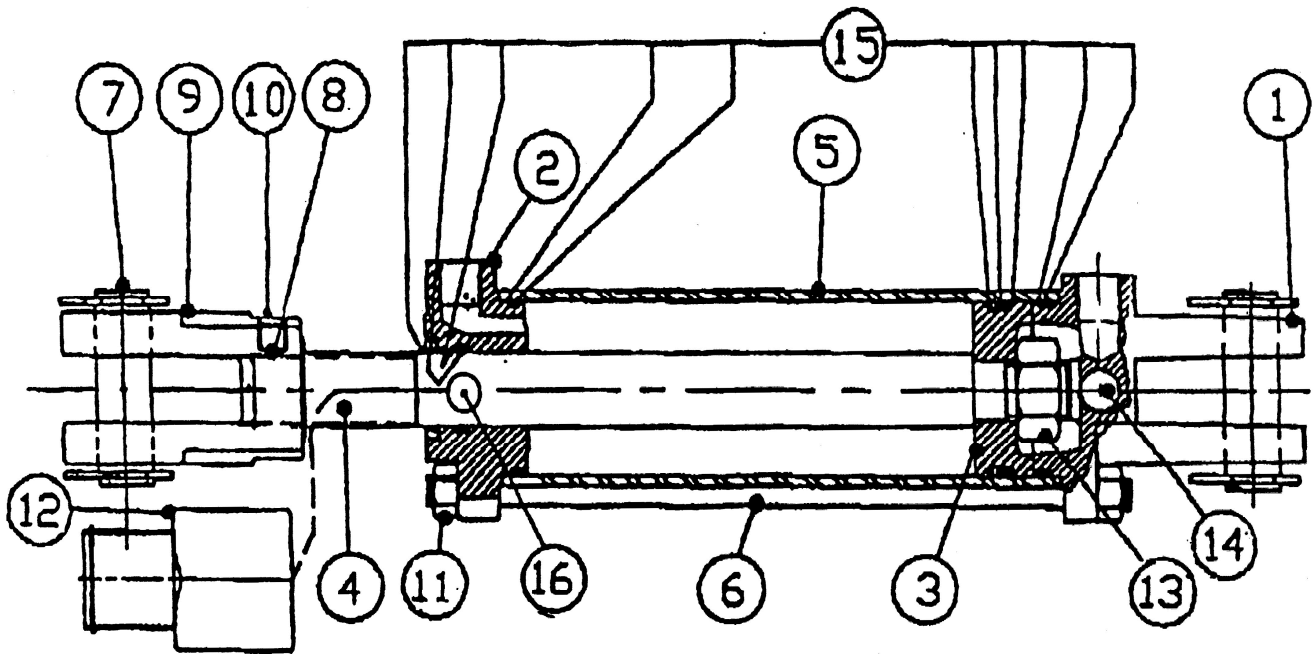
Ref. No.	Part No.	Description	Qty	Remarks
1	4140	Center Pivot	1	
2	2626	Bolt	2	
3	2638	Nut	4	
4	2106	Washer	4	
5	3660	Axle Arm (Dual)	2	
6	2626	Bolt	2	
7	3358	Dual Spindle	1	Spindle Only
8	3661	Bolt	2	
9	3718	Washer	2	
10	3454	Spring	2	
11	3148	Nut	2	
12	4143	Spring	2	

2448 Hub Assembly



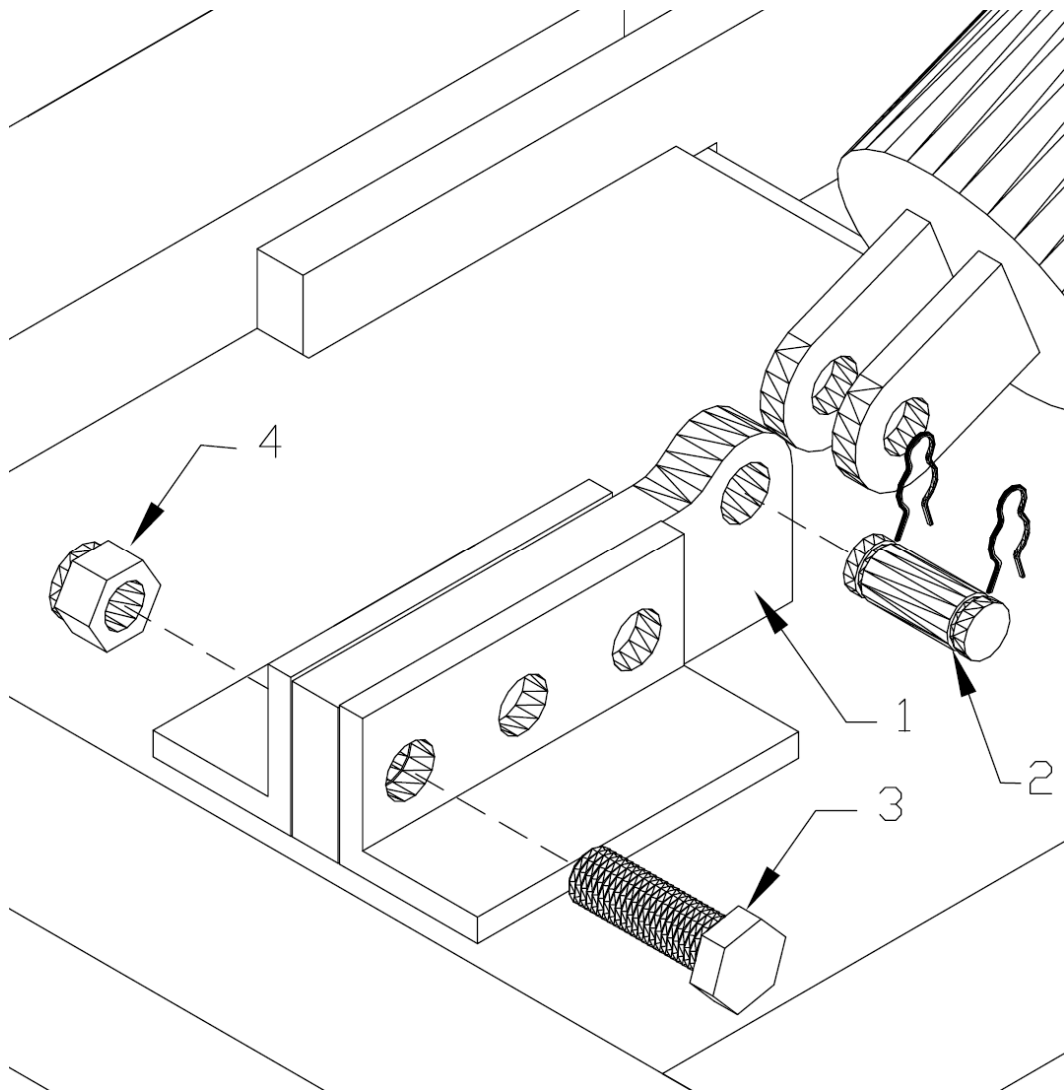
Ref. No.	Part No.	Description	Qty	Remarks
	2448	Complete Hub Assembly	REF	Includes Items 2-5,9,10
1	2449	Hub with Cups and Studs only	1	
2	2450	Inner Race	1	
3	2451	Inner Bearing	1	
4	2452	Outer Race	1	
5	2453	Outer Bearing	1	
6	3359	Spindle Washer	1	
7	3372	Spindle Nut	1	
8	2456	Dust Cap	1	
9	2457	Seal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

2649 Lift Cylinder



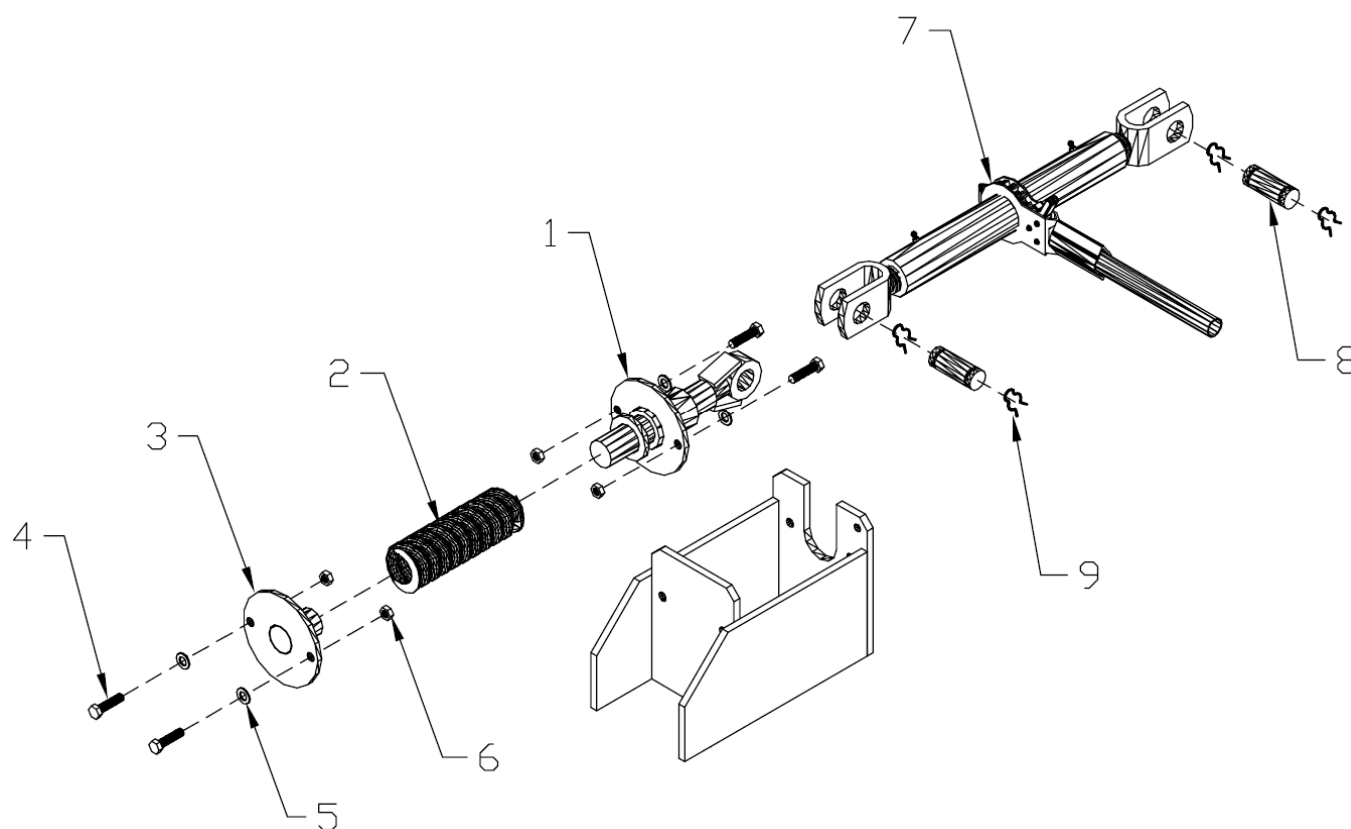
Ref. No.	Part No.	Description	Qty
1	2650	Clevis Cap	1
2	2651	Rod Cap	1
3	2652	Piston	1
4	2653	Rod	1
5	2654	Tube	1
6	2655	Tie Rod	4
7	2330	Pin	2
8	2656	Third Lock	1
9	2657	Rod Clevis	1
10	2658	Set Screw	1
11	2659	Nut	8
12	2374	Stroke Control Kit	1
13	2660	Piston Nut	1
14	2466	Vent Plug	1
15	2661	Seal Kit	1
16	2465	Restrictor	1

Center Lift Cylinder Mounting Point



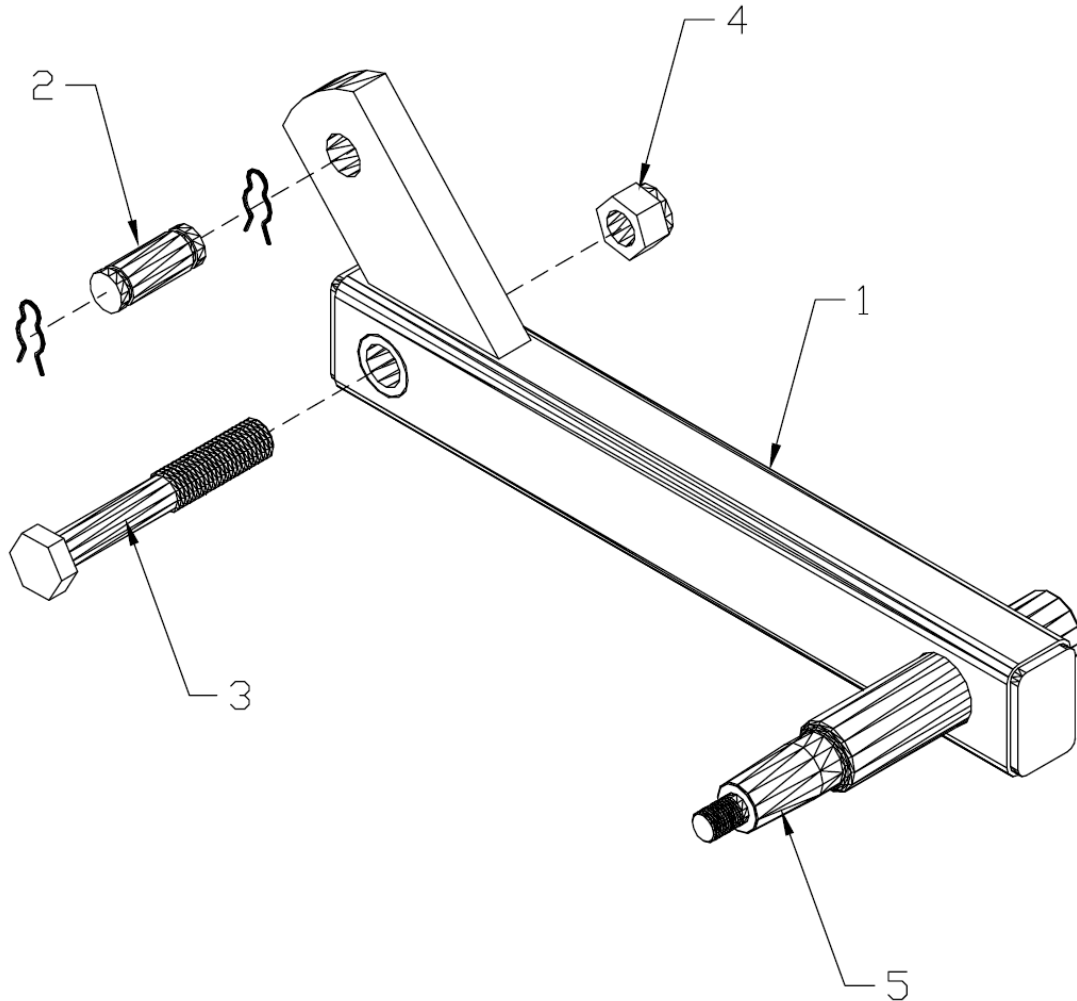
Ref. No.	Part No.	Description	Qty
1	3602	Mounting Block	1
2	2330	Pin with Hair Pins	1
3	5082	Bolt	1
4	2105	Nut	1

Wing Shock Absorber Assembly



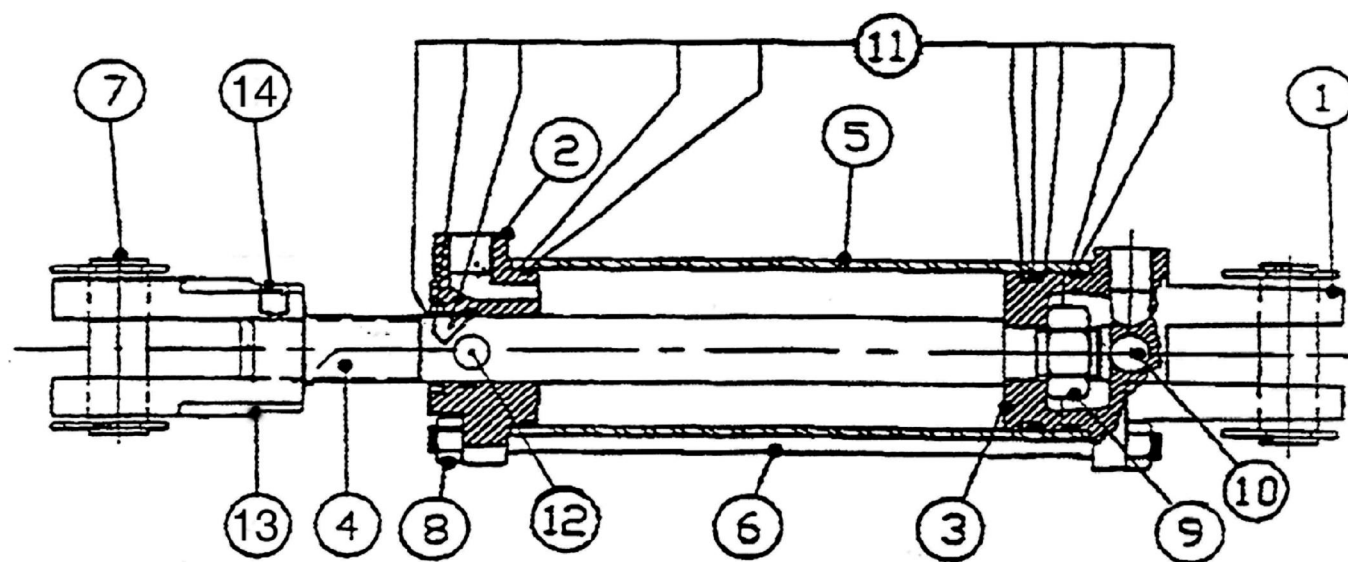
Ref. No.	Part No.	Description	Qty
1	4460	Plunger	1
2	3567	Spring	1
3	3265	Spring Guide	1
4	3758	Bolt	4
5	3248	Washer	4
6	2057	Nut	4
7	3269	Ratchet Jack	1
8	2354	Pin	2
9	3270	Clip Pin	4

Wing Axle Arm Assembly



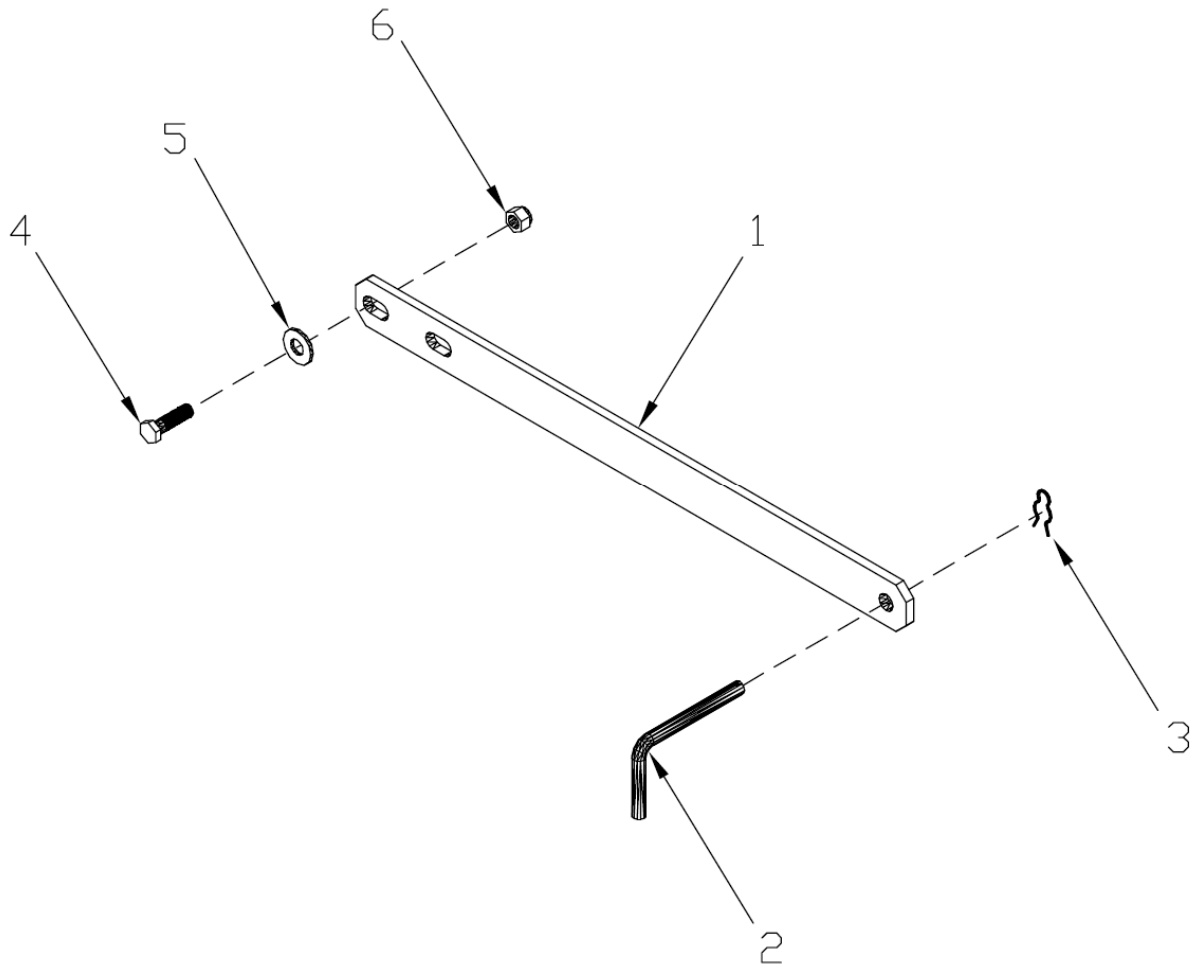
Ref. No.	Part No.	Description	Qty
1	3354	Left Wing Axle Arm	1
Not Shown	3355	Right Wing Axle Arm	1
2	2354	Pin	1
3	2624	Bolt	1
4	2638	Nut	1
5	3356	Single Spindle Only	1
REF	2300	Complete Left Wing Tail Wheel Assembly	1
REF	2309	Complete Right Wing Tail Wheel Assembly	1

4879 Wing Lift Cylinder



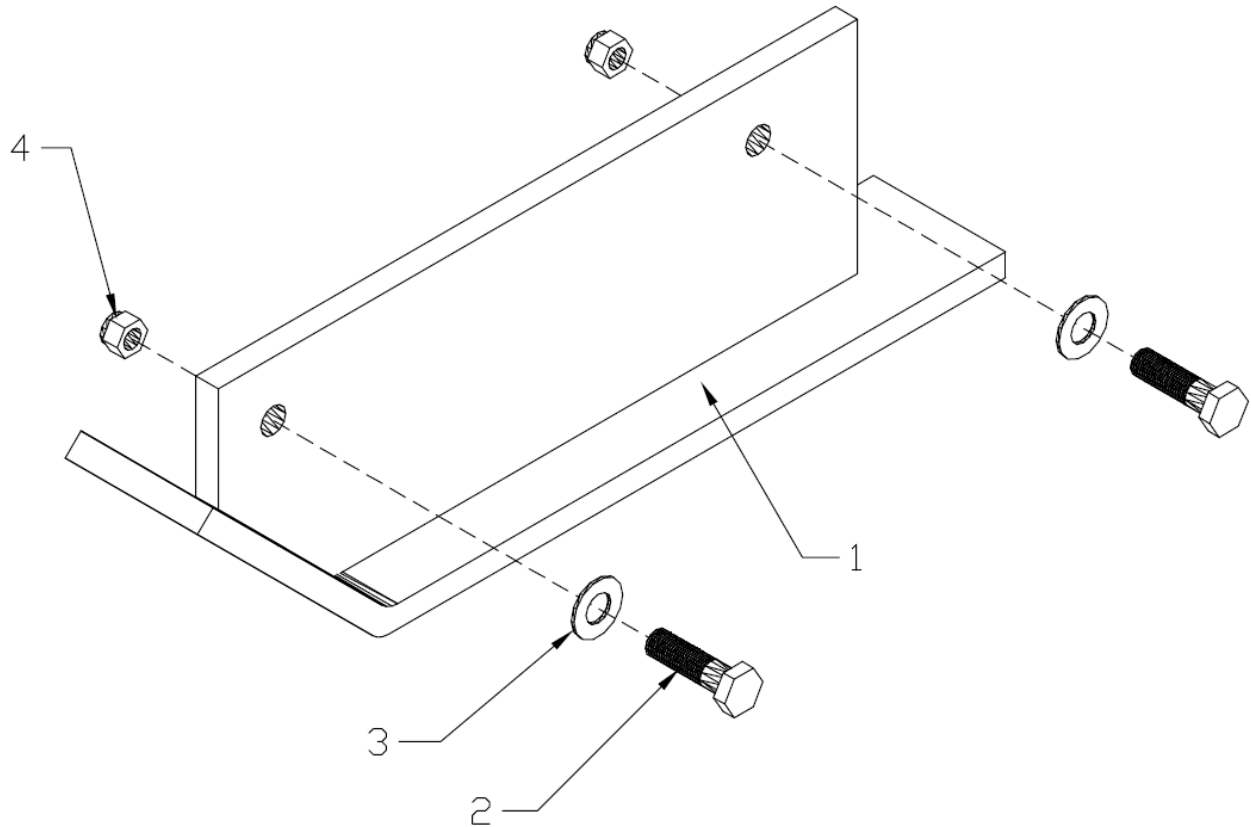
Ref. No.	Part No.	Description	Qty
1	2663	Clevis Cap	1
2	2664	Rod Cap	1
3	2665	Piston	1
4	4880	Rod	1
5	2667	Tube	1
6	2668	Tie Rod	4
7	2330	Pin	2
8	3220	Nut	8
9	2660	Piston Nut	1
10	2466	Vent Plug	1
11	2669	Seal Kit	1
12	2465	Restrictor	1
13	4881	Rod Clevis	1
14	4882	Set Screw	1

Travel Bar Assembly



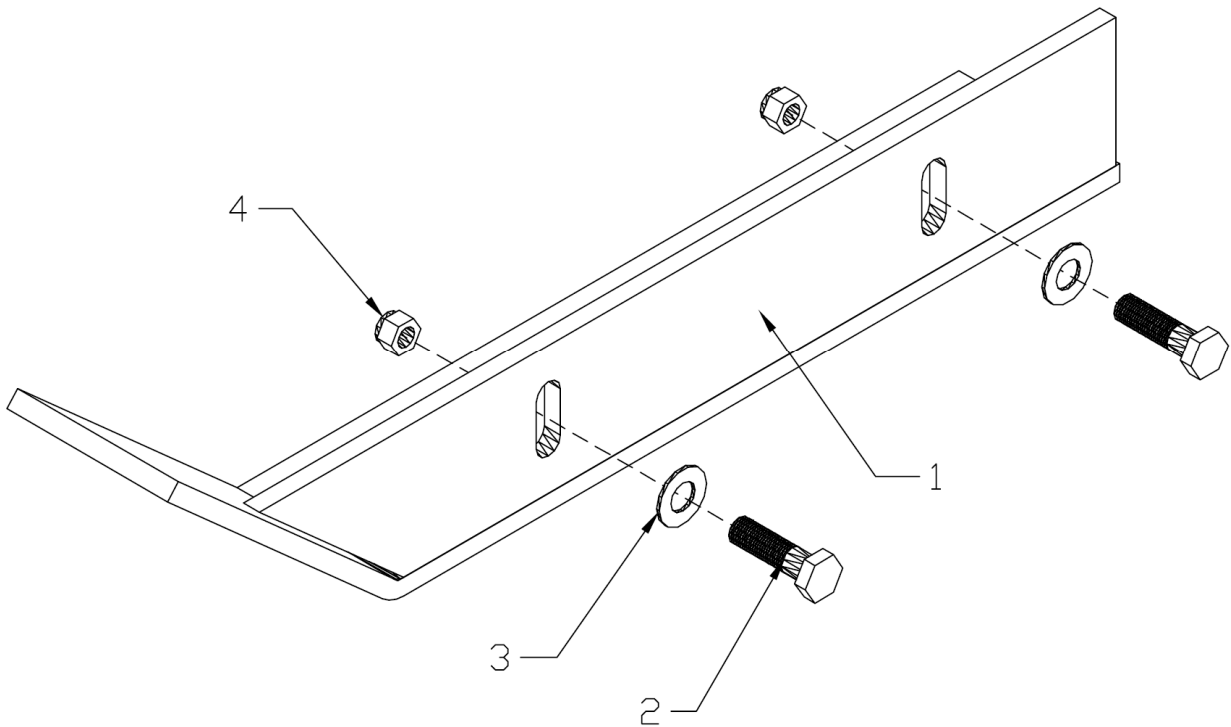
Ref. No.	Part No.	Description	Qty
1	3655	Travel Bar	1
2	3656	Pin	1
3	2372	Hair Pin	1
4	3659	Bolt	1
5	2336	Washer	1
6	2337	Nut	1

Center Skid Shoe Assembly



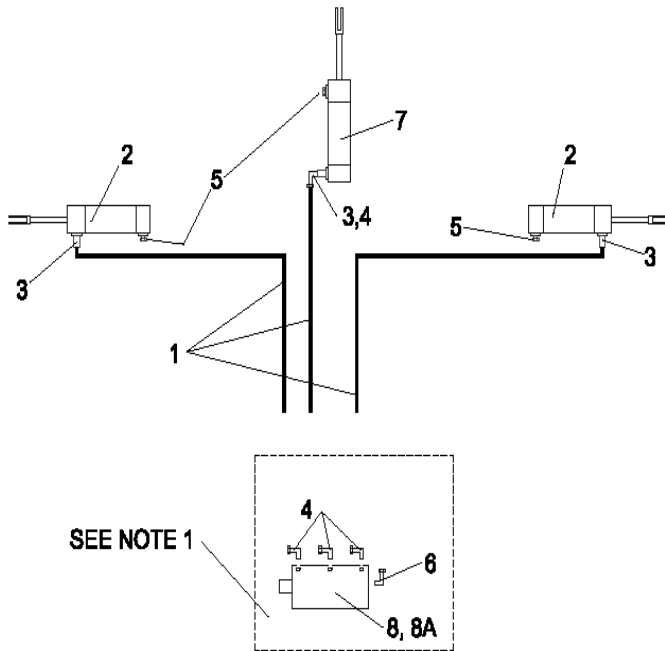
Ref. No.	Part No.	Description	Qty
1	3039	Skid Shoe	1
2	2335	Bolt	2
3	2337	Washer	2
4	2336	Nut	2

Wing Skid Shoe Assembly



Ref. No.	Part No.	Description	Qty
Not Shown	2201	Right Hand Skid Shoe	1
1	2202	Left Hand Skid Shoe	1
2	2335	Bolt	2
3	2342	Washer	2
4	2336	Nut	2

Hydraulic Hose Plan

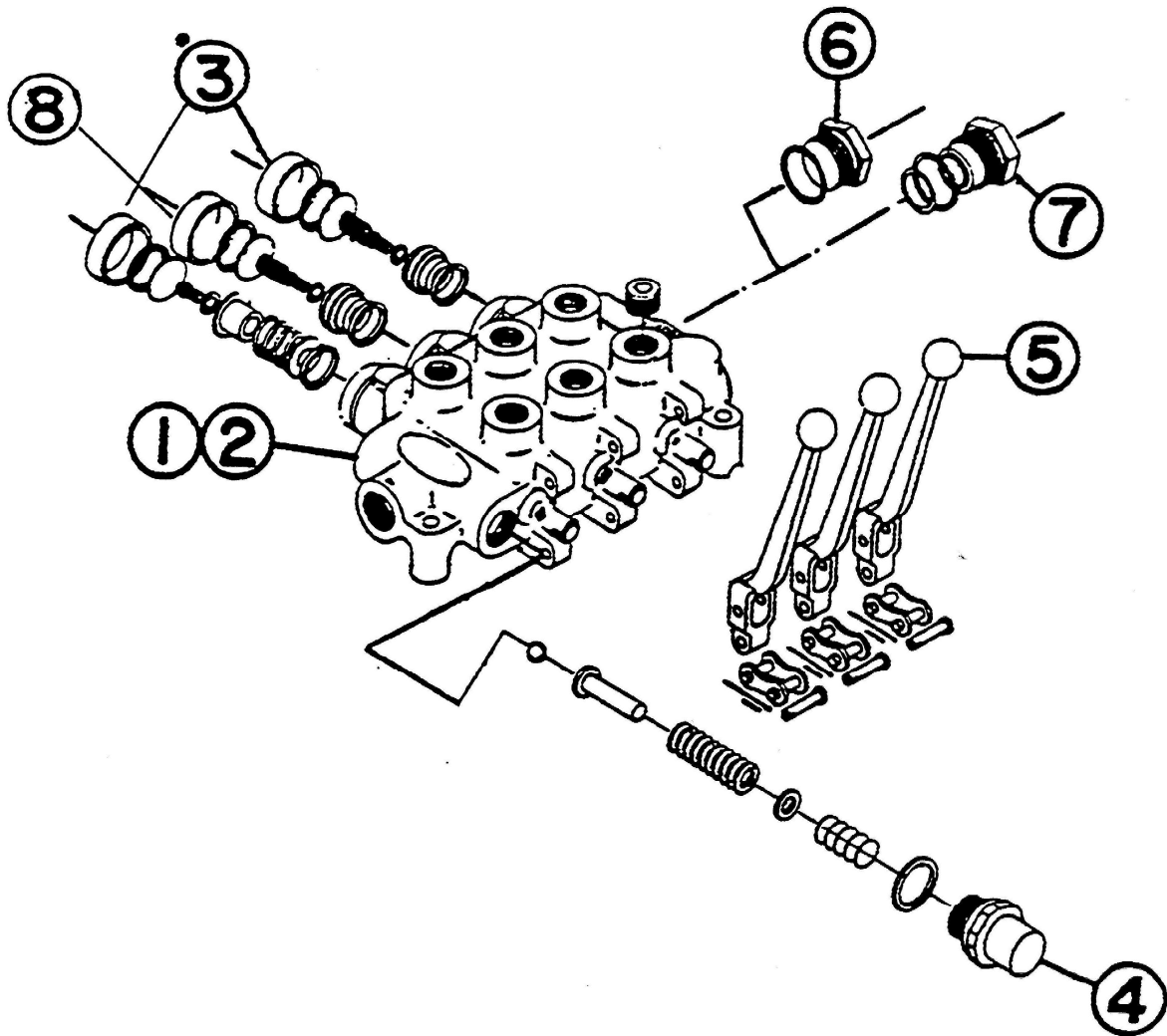


NOTE 1
USE THIS CONFIGURATION
WHEN THEY ARE 3 SEPARATE
REMOTES ON THE FENDER
MOUNTED VALVE.

NOTE 2
THE REPHASING KIT ITEM 9 IS
USED WHEN CHANGING FROM
THE REGULAR HYDRAULIC
SYSTEM (DIAGRAM) TO THE
HYDRAULIC SYSTEM WITH
REPHASING CYLINDERS.

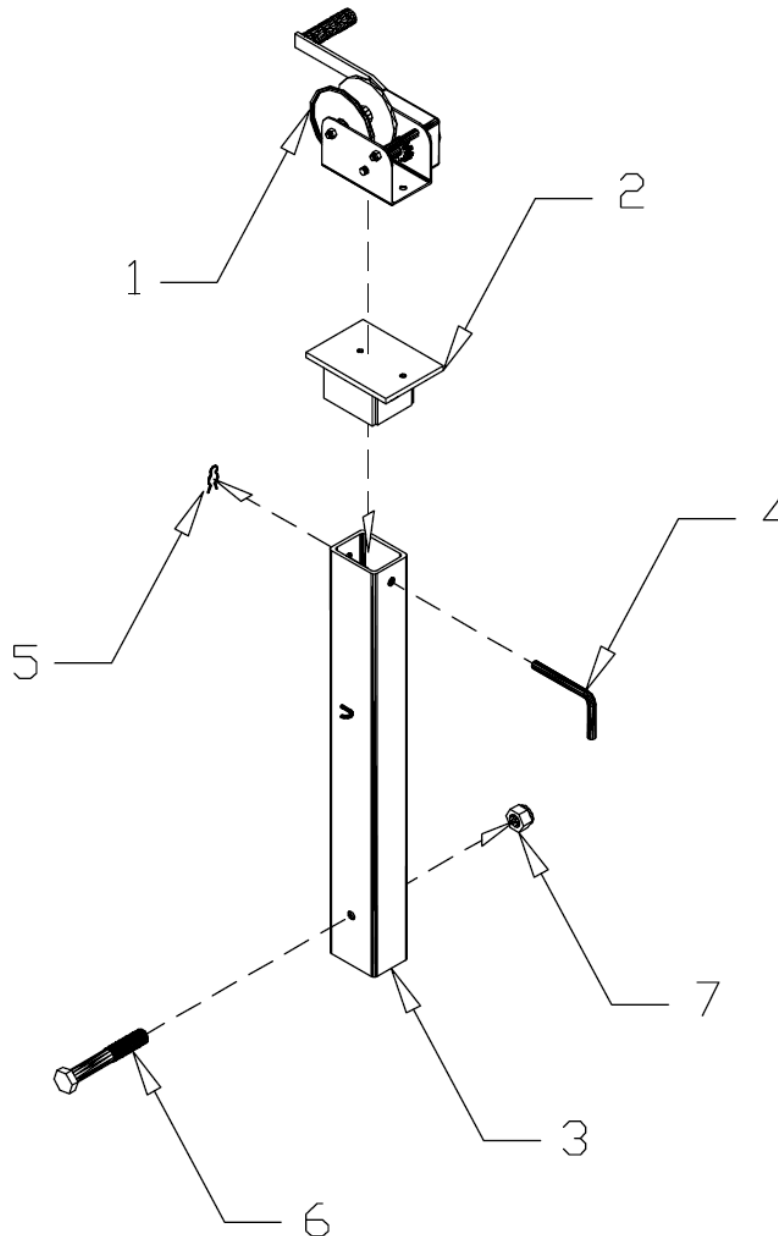
Ref. No.	Part No.	Description	Qty	Remarks
1	2344	Hose	3	
2	4879	Wing Cylinder	2	See details on page 30
3	2465	Restrictor	3	
4	2350	Fitting	1	
5	2466	Vent Plug	3	
6	2597	Fitting	1	See NOTE 1
7	2649	Center Cylinder	1	See details on page 26
8	3362	3-Spool Valve (Open Center)	1	See NOTE 1
8 A	3370	3-Spool Valve (Closed Center)	1	See NOTE 1
9 Not shown	5007	Rephasing Kit	1	

3362 Hydraulic Valve



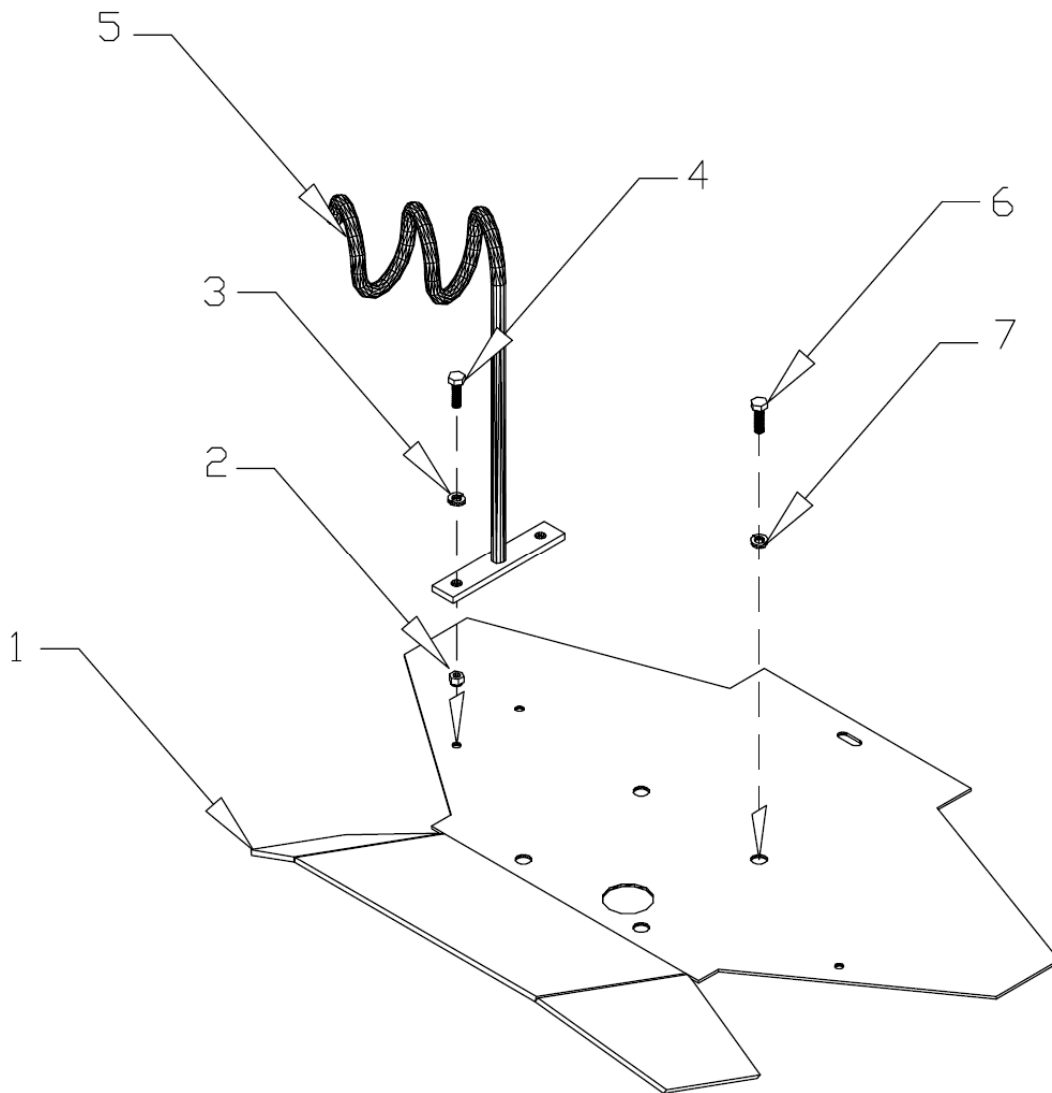
Ref. No.	Part No.	Description	Qty
1	3362	Open Center Valve	1
2	3370	Closed Center Valve	REF
3	3363	Detent Kit	2
4	3364	High Pressure Relief Valve Kit	1
5	3365	Handle Assembly	3
6	3366	Open Center Plug	1
7	3371	Closed Center Plug	REF
8	3367	Spring Repair Kit	1

Winch Stand Assembly



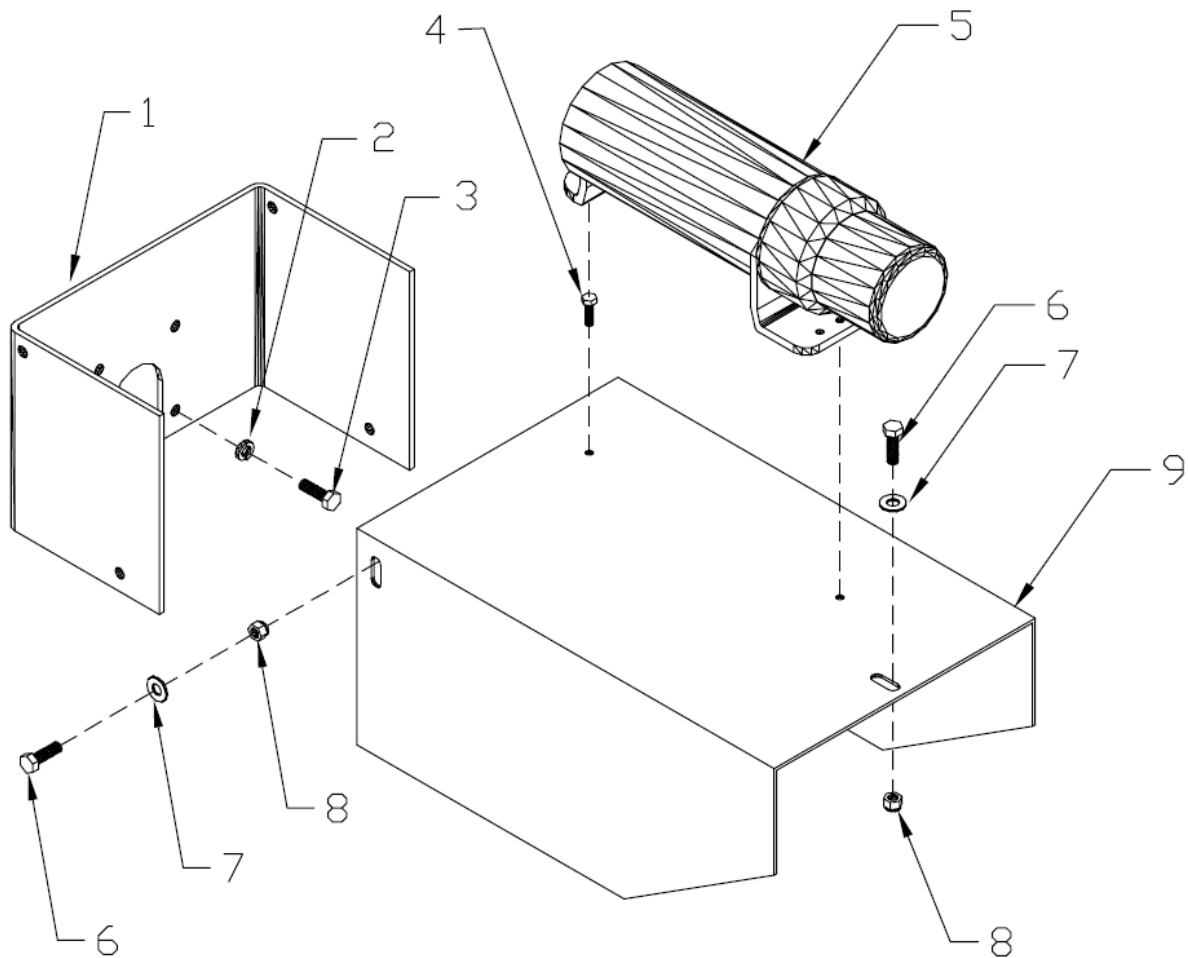
Ref. No.	Part No.	Description	Qty
1	2645	Winch Assembly with Cable	1
2	2674	Winch Stand Cap	1
3	3658	Winch Stand	1
4	2648	Pin	1
5	2372	Hair Pin	1
6	2370	Bolt	1
7	2507	Nut	1
Not Shown	2508	Pulley	1

Divider Gearbox Shield Assembly



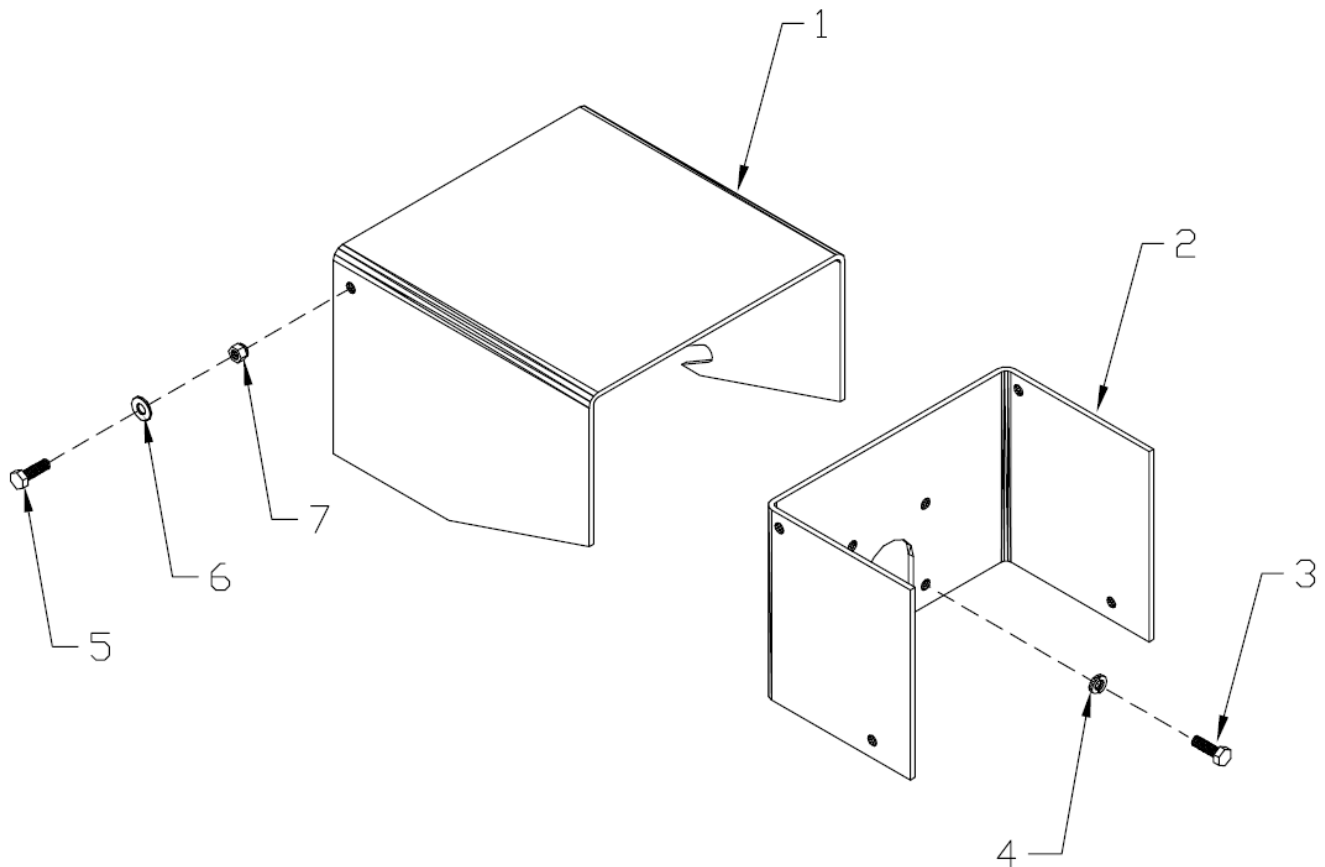
Ref. No.	Part No.	Description	Qty
1	3401	Shield Cover	1
2	2513	Nut	2
3	3415	Washer	2
4	2512	Bolt	2
5	3394	Hose Holder	1
6	2734	Bolt	4
7	2733	Lock Washer	4

Center Gearbox Shield Assembly



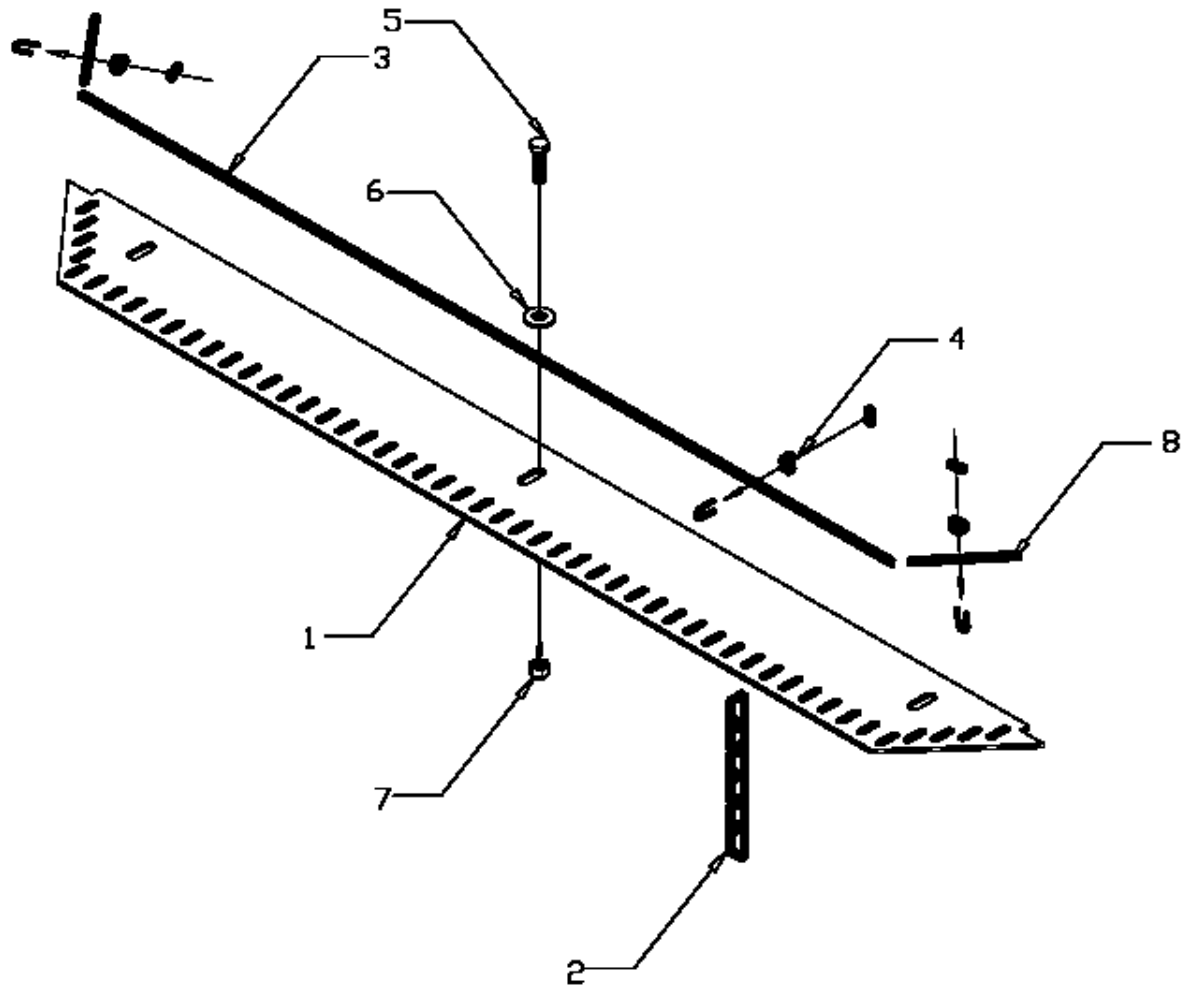
Ref. No.	Part No.	Description	Qty
1	2510	Shield Face Plate	1
2	4305	Lock Washer	4
3	3006	Bolt	4
4	4462	Screw	2
5	4463	Operator's Manual Holder	1
6	2512	Bolt	3
7	3415	Washer	3
8	2513	Nut	3
9	2511	Flip Shield	1

Wing Gearbox Shield Assembly



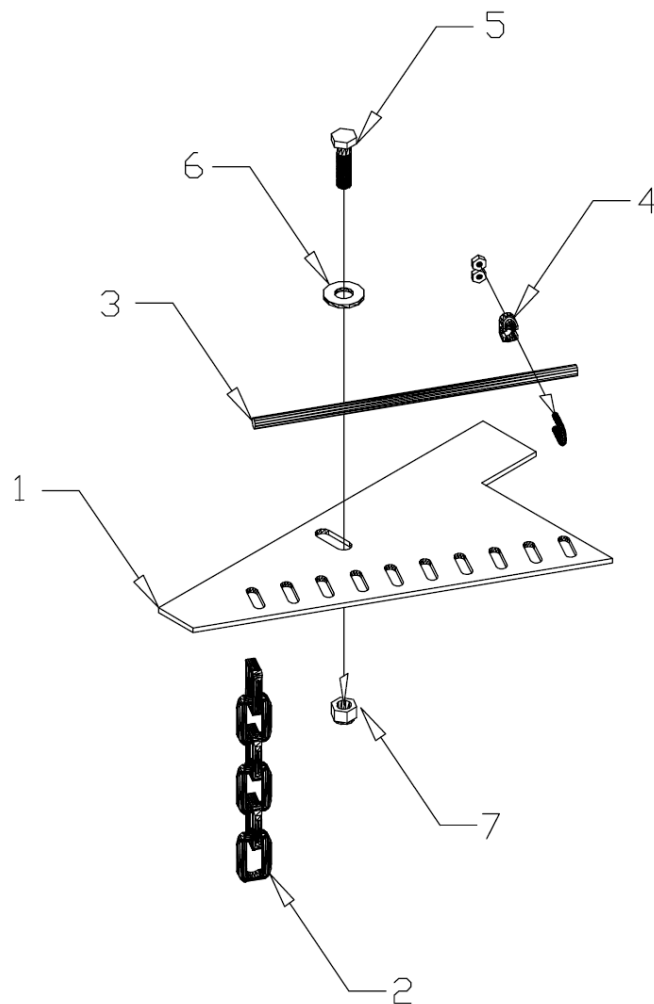
Ref. No.	Part No.	Description	Qty
1	2517	Shield Cover	1
2	2510	Shield Face Plate	1
3	3006	Bolt	4
4	4305	Lock Washer	4
5	2512	Bolt	2
6	3415	Washer	2
7	2513	Nut	2

Front Center Chain Guard Assembly



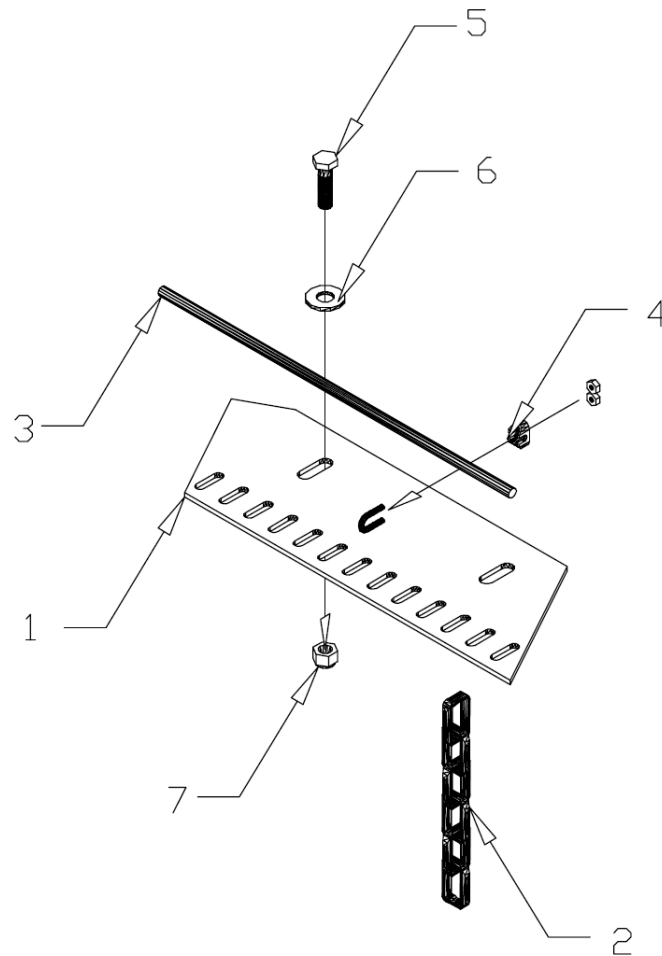
Ref. No.	Part No.	Description	Qty
	3605	Complete Single Curtain Assembly	REF
	3765	Complete Double Curtain Assembly	REF
1	3606	Chain Guard Plate	1
2	3583	Chain Link for Single Curtain	51
Not Shown	3588	Chain Link for Double Curtain	51
3	5144	Rod	1
4	3585	Clamp	3
5	2335	Bolt	3
6	2337	Washer	3
7	2336	Nut	3
8	5130	Rod	2

Front Center Outside Chain Guard Assembly



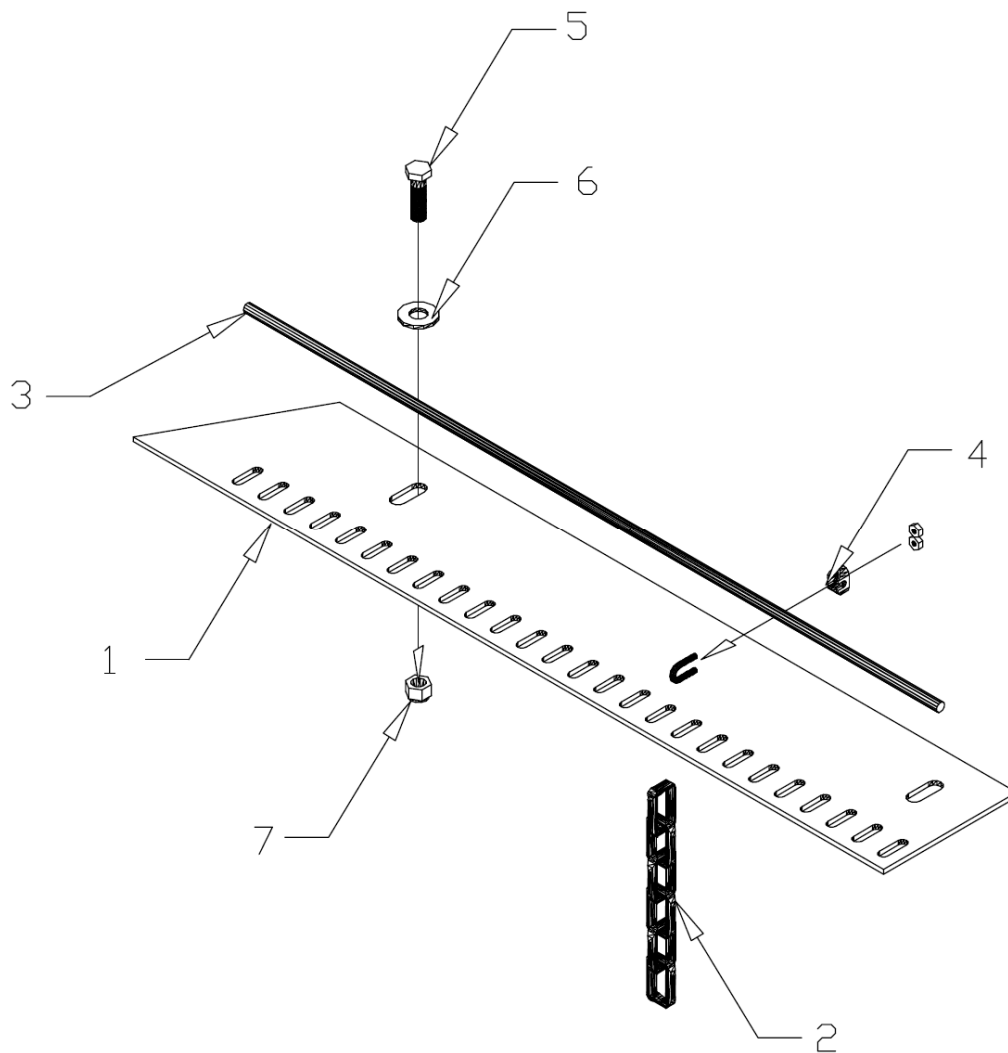
Ref. No.	Part No.	Description	Qty
	3618	Complete Right Single Curtain Assembly	REF
	3769	Complete Right Double Curtain Assembly	REF
	3908	Complete Left Single Curtain Assembly	REF
	3909	Complete Left Double Curtain Assembly	REF
1	3619	Chain Guard Plate	1
2	3583	Chain Link for Single Curtain	10
Not Shown	3588	Chain Link for Double Curtain	10
3	5145	Rod	1
4	3585	Clamp	1
5	2335	Bolt	1
6	2337	Washer	1
7	2336	Nut	1

Inside Front Wing Chain Guard Assembly



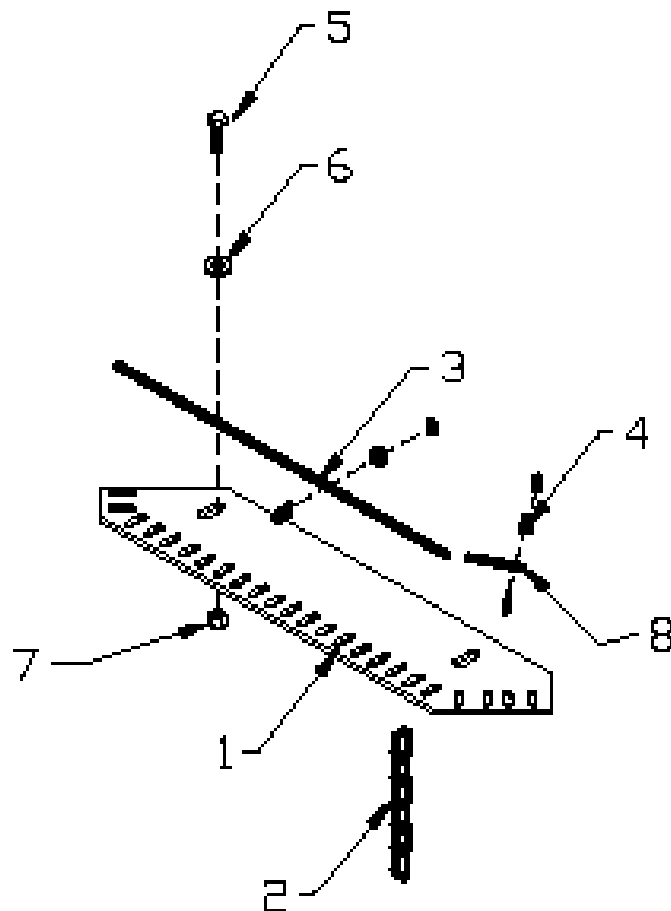
Ref. No.	Part No.	Description	Qty
	3621	Complete Right Single Curtain Assembly	REF
	3827	Complete Right Double Curtain Assembly	REF
	3906	Complete Left Single Curtain Assembly	REF
	3907	Complete Left Double Curtain Assembly	REF
1	3622	Chain Guard Plate	1
2	3583	Chain Link for Single Curtain	13
Not Shown	3588	Chain Link for Double Curtain	13
3	5131	Rod	1
4	3585	Clamp	1
5	2335	Bolt	2
6	2337	Washer	2
7	2336	Nut	2

Center Front Wing Chain Guard Assembly



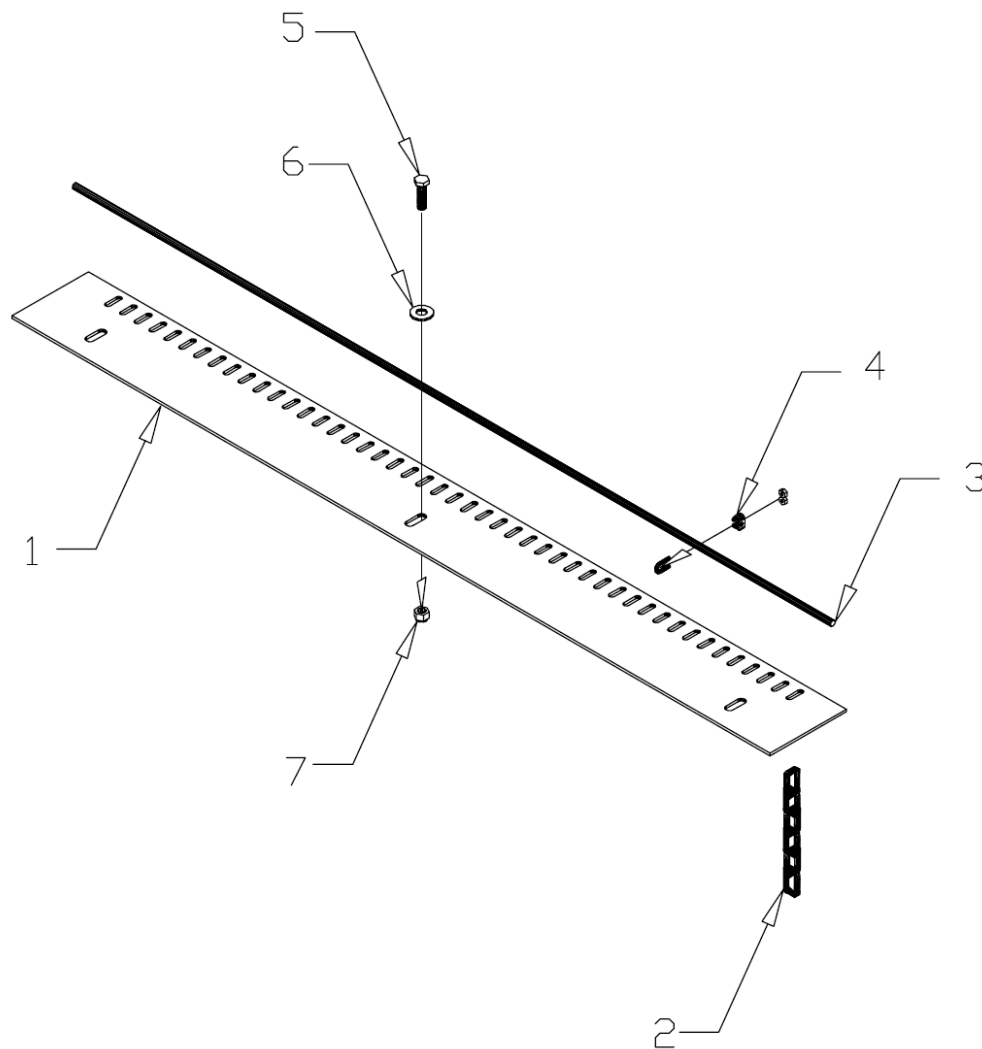
Ref. No.	Part No.	Description	Qty
	3624	Complete Right Single Curtain Assembly	REF
	3831	Complete Right Double Curtain Assembly	REF
	3904	Complete Left Single Curtain Assembly	REF
	3905	Complete Left Double Curtain Assembly	REF
1	3626	Chain Guard Plate	1
2	3583	Chain Link for Single Curtain	26
Not Shown	3588	Chain Link for Double Curtain	26
3	5146	Rod	1
4	3585	Clamp	1
5	2335	Bolt	2
6	2337	Washer	2
7	2336	Nut	2

Outside Front Wing Chain Guard Assembly



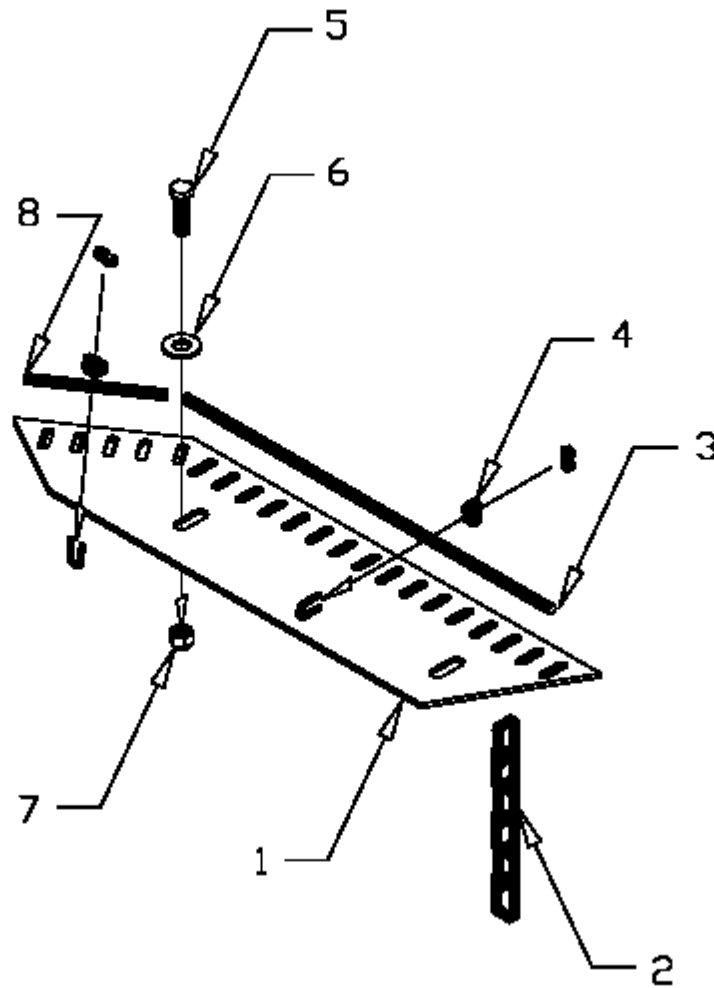
Ref. No.	Part No.	Description	Qty
	3628	Complete Right Single Curtain Assembly	REF
	3832	Complete Right Double Curtain Assembly	REF
	3902	Complete Left Single Curtain Assembly	REF
	3903	Complete Left Double Curtain Assembly	REF
1	3629	Chain Guard Plate	1
2	3583	Chain Link for Single Curtain	24
Not Shown	3588	Chain Link for Double Curtain	24
3	5147	Rod	1
4	3585	Clamp	2
5	2335	Bolt	2
6	2337	Washer	2
7	2336	Nut	2
8	5130	Rod	1

Rear Center Chain Guard Assembly



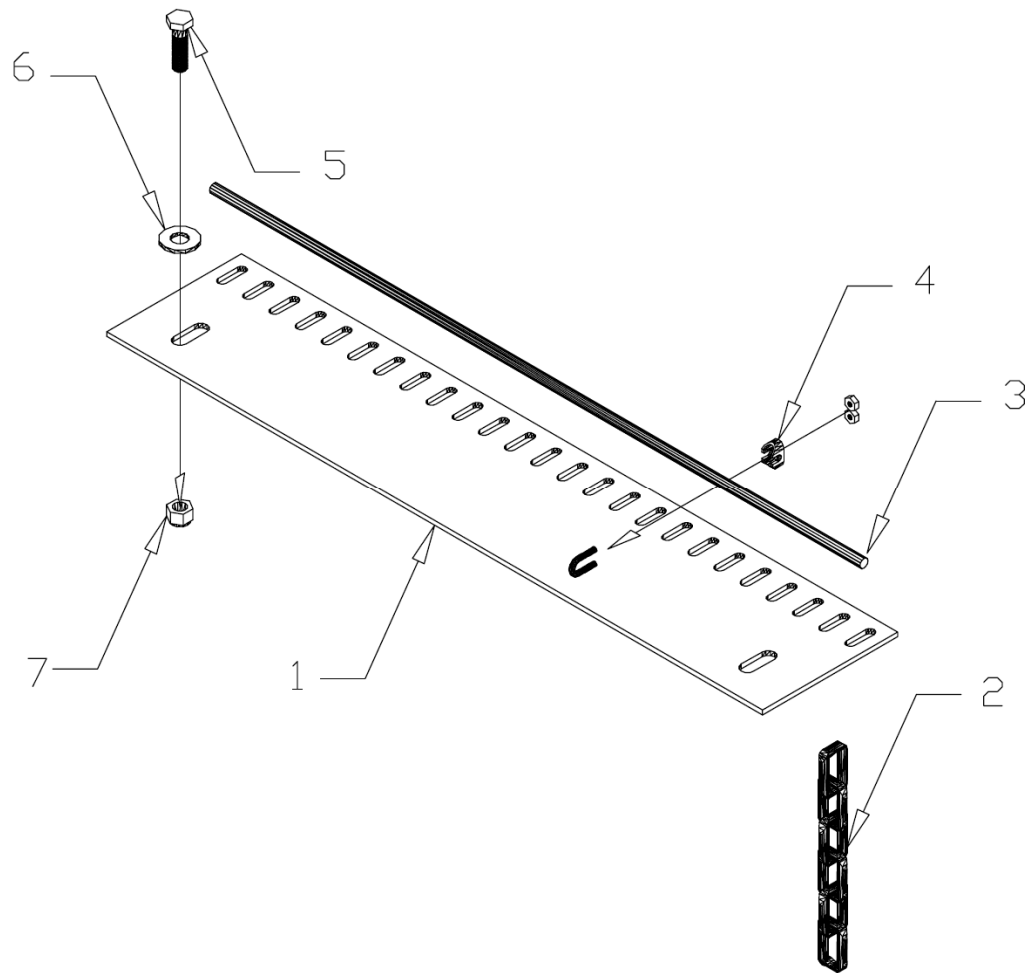
Ref. No.	Part No.	Description	Qty
	3615	Complete Single Curtain Assembly	REF
	3833	Complete Double Curtain Assembly	REF
1	3616	Chain Guard Plate	1
2	3583	Chain Link for Single Curtain	51
Not Shown	3588	Chain Link for Double Curtain	51
3	5148	Rod	1
4	3585	Clamp	1
5	2335	Bolt	3
6	2337	Washer	3
7	2336	Nut	3

Inside Rear Wing Chain Guard Assembly



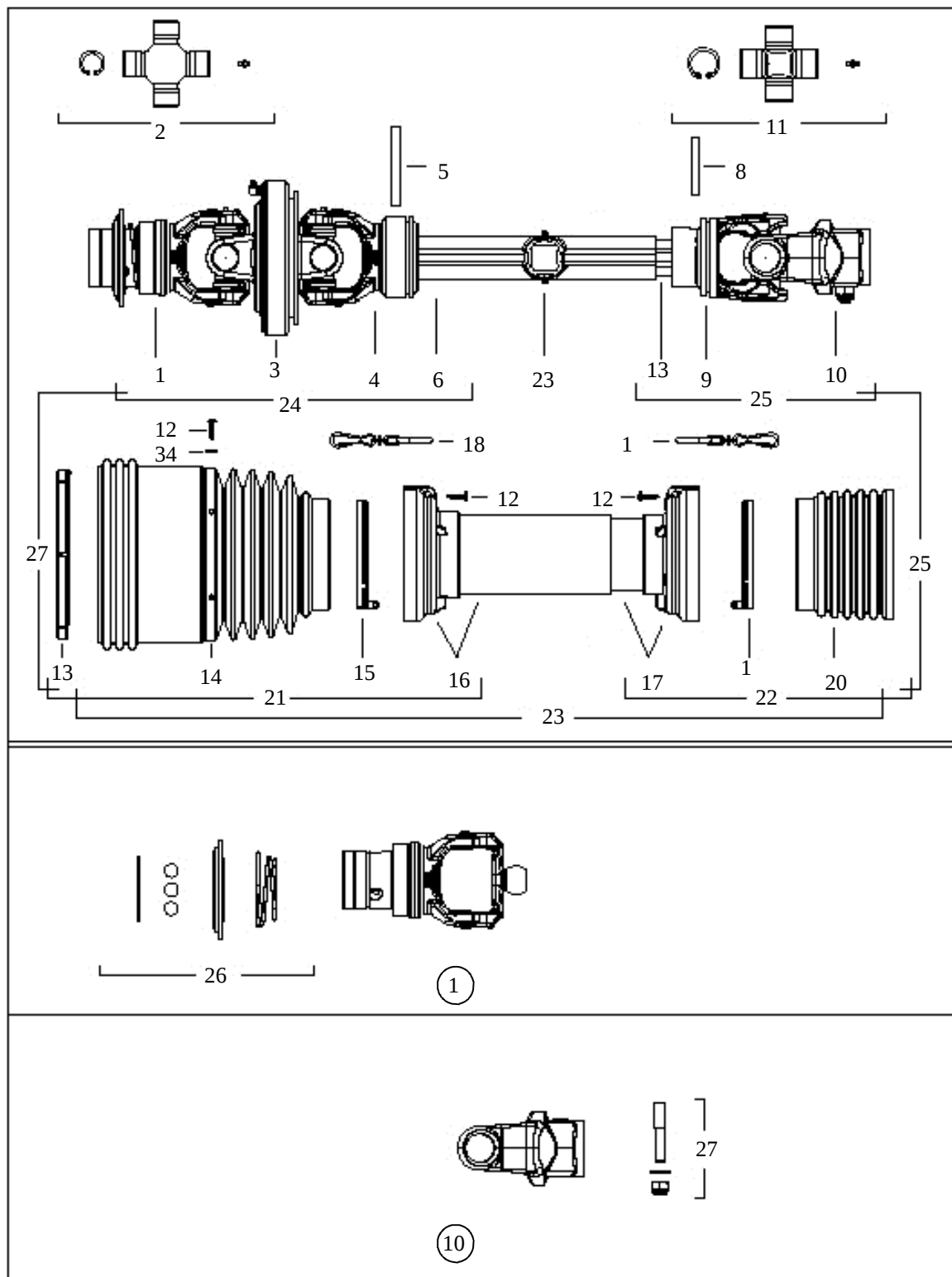
Ref. No.	Part No.	Description	Qty
	3608	Complete Right Single Curtain Assembly	REF
	3834	Complete Right Double Curtain Assembly	REF
	3900	Complete Left Single Curtain Assembly	REF
	3901	Complete Left Double Curtain Assembly	REF
1	3609	Chain Guard Plate	1
2	3583	Chain Link for Single Curtain	21
Not Shown	3588	Chain Link for Double Curtain	21
3	5149	Rod	1
4	3585	Clamp	2
5	2335	Bolt	2
6	2337	Washer	2
7	2336	Nut	2
8	5150	Rod	1

Outside Rear Wing Chain Guard Assembly



Ref. No.	Part No.	Description	Qty
	3612	Complete Right Single Curtain Assembly	REF
	3835	Complete Right Double Curtain Assembly	REF
	3898	Complete Left Single Curtain Assembly	REF
	3899	Complete Left Double Curtain Assembly	REF
1	3613	Chain Guard Plate	1
2	3583	Chain Link for Single Curtain	25
Not Shown	3588	Chain Link for Double Curtain	25
3	5151	CRod	1
4	3585	Clamp	1
5	2335	Bolt	2
6	2337	Washer	2
7	2336	Nut	2

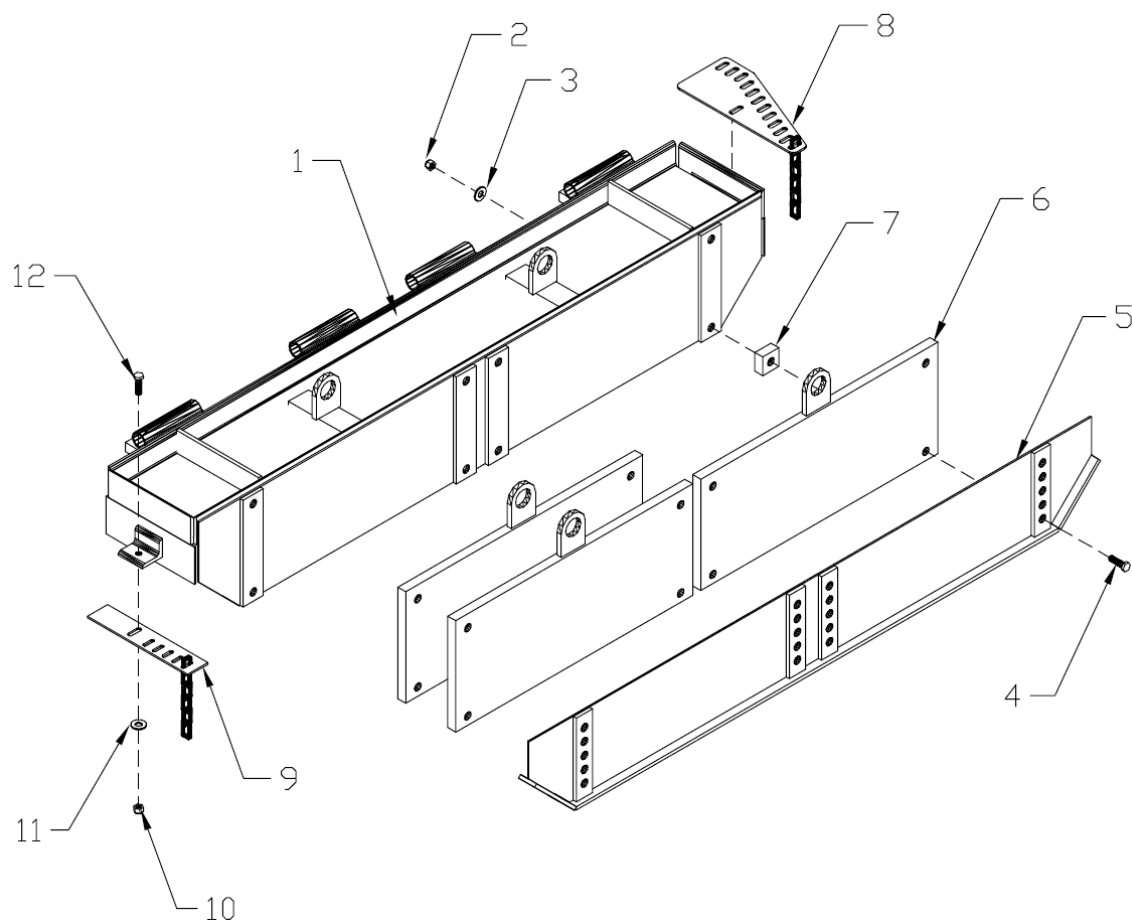
4527 Constant Velocity Drive Shaft Parts List



4527 Constant Velocity Drive Shaft Parts List

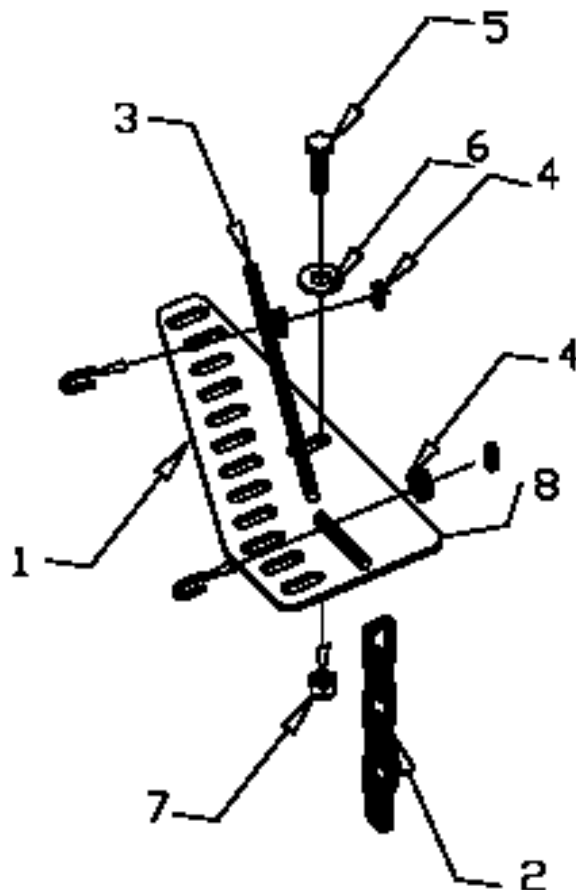
Ref. No.	Part No.	Description	Qty	Comments
1	4974	Slide Collar CV Yoke	1	Slide Collar CV Yoke 1-3/4 ϕ z=20
2	4918	CV Cross Kit	1	
3	4919	CV Body	1	
4	4920	Outer Tube Yoke	1	
5	4921	Outer Roll Pin	1	
6	3975	Outer Tube (Steel)	1	
7	4968	Inner Tube (Steel)	1	
8	4924	Inner Roll Pin	1	
9	3923	Inner Yoke	1	
10	4945	Quick Disconnect Yoke	1	1-3/4 ϕ z=20
11	4926	Cross Kit	1	
12	3928	Shield Screw	12	
13	4927	Shield Cone	1	
14	4946	Outer Shield Bell	1	
15	4904	Shield Flange	1	
16	3982	Outer Shield Tube	1	
17	3983	Inner Shield Tube	12	
18	3931	Shield Safety Chain	2	
19	3932	Inner Shield Ring	1	
20	3926	Inner Shield Bell	1	
21	3984	Outer Shield Complete	1	
22	3985	Inner Shield Complete	1	
23	4969	Complete Shield Assembly	1	
24	4970	CV Half Shaft Complete	1	
25	4971	Inner Half Shaft Complete	1	
26	4076	Slide Collar Kit	1	
27	4960	QD Pin Kit	1	
28		NOT USED		
29		NOT USED		
30		NOT USED		

T-120 Counter Weight Assembly



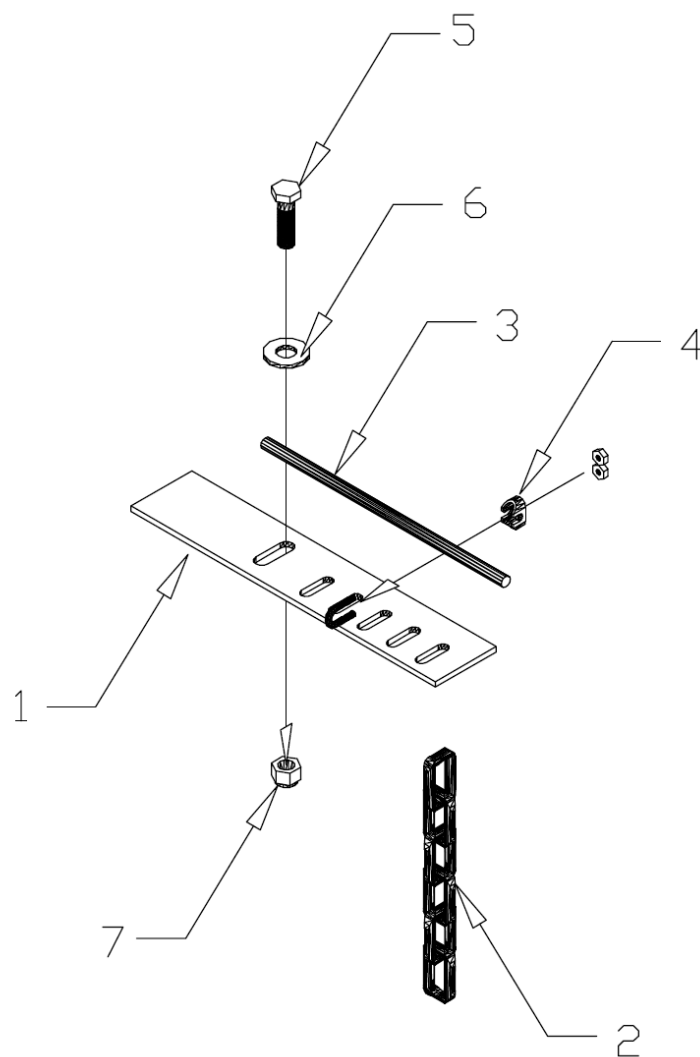
Ref. No.	Part No.	Description	Qty	Remarks
1	3234	Counter Weight Frame	1	
2	2077	Nut	4	
3	3285	Washer	4	
4	2076	Bolt	4	
5	3243	Skid Shoe	1	
6	3235	100 LB. Weight	3	
Not Shown	3236	75 LB. Weight	AR	
Not Shown	3237	50 LB. Weight	AR	
Not Shown	3238	25 LB. Weight	AR	
7	3239	Spacer for 100 LB. Weight	4	
Not Shown	3240	Spacer for 75 LB. Weight	AR	
Not Shown	3241	Spacer for 50 LB. Weight	AR	
Not Shown	3242	Spacer for 25 LB. Weight	AR	
8	-	Rear Chain Guard	1	See details on page 50
9	-	Front Chain Guard	1	See details on page 51
10	2336	Nut	2	
11	2337	Washer	2	
12	2335	Bolt	2	

Rear Counter Weight Chain Guard Assembly



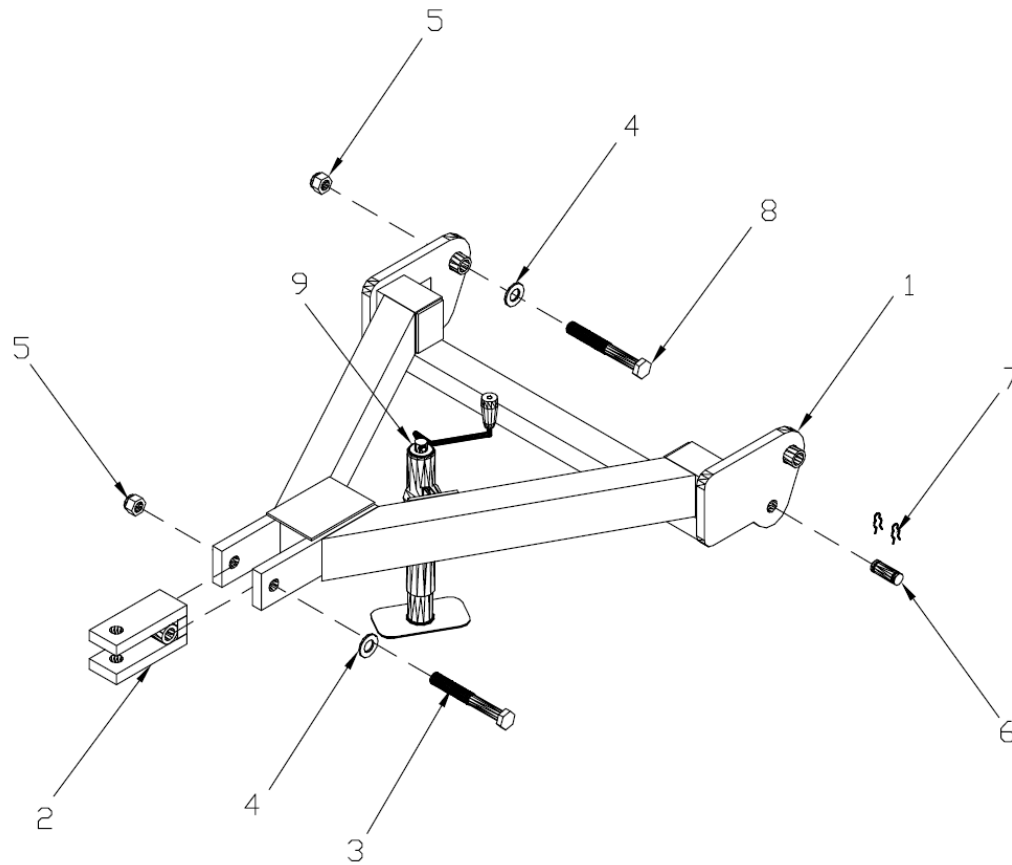
Ref. No.	Part No.	Description	Qty
	4469	Complete Single Curtain Assembly	REF
	4470	Complete Double Curtain Assembly	REF
1	3878	Chain Guard Plate	1
2	3583	Chain Link for Single Curtain	12
Not Shown	3588	Chain Link for Double Curtain	12
3	5152	Rod	1
4	3585	Clamp	2
5	2335	Bolt	1
6	2337	Nut	1
7	2336	Washer	1
8	5129	Rod	1

Front Counter Weight Chain Guard Assembly



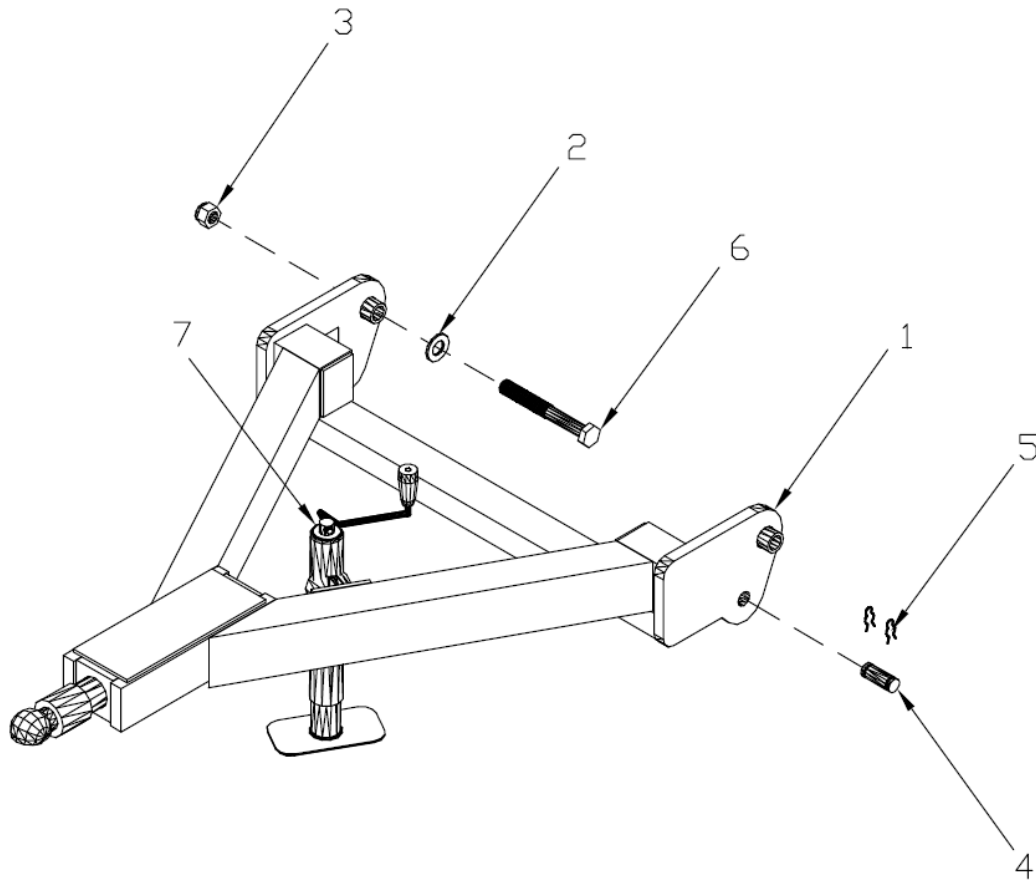
Ref. No.	Part No.	Description	Qty
	4471	Complete Single Curtain Assembly	REF
	4472	Complete Double Curtain Assembly	REF
1	3877	Chain Guard Plate	1
2	3583	Chain Link for Single Curtain	5
Not Shown	3588	Chain Link for Double Curtain	5
3	5130	Rod	1
4	3585	Clamp	1
5	2335	Bolt	1
6	2337	Nut	1
7	2336	Washer	1

Tongue with Fixed Clevis



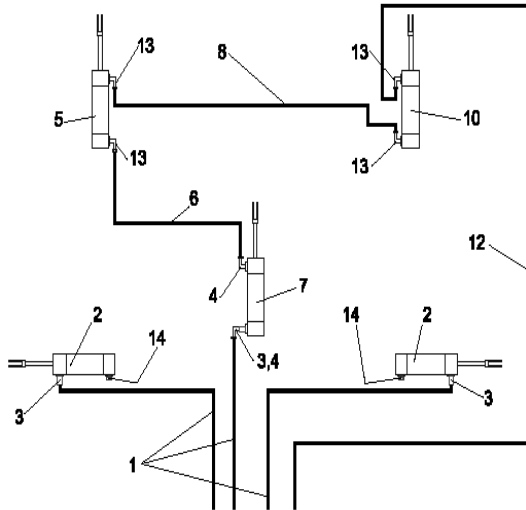
Ref. No.	Part No.	Description	Qty
1	4088	Tongue Only	1
2	2312	Clevis	1
3	2968	Bolt	1
4	3449	Washer	3
5	2638	Nut	3
6	2315	Level Rod Pin	2
7	2313	Cotter Pin	4
8	2629	Bolt	2
9	2969	Jack	1

Tongue with Bulldog Hitch

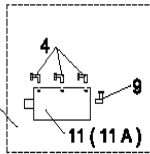


Ref. No.	Part No.	Description	Qty
1	4105	Tongue Only with Bulldog Hitch	1
2	3449	Washer	2
3	2638	Nut	2
4	2315	Level Rod Pin	2
5	2313	Cotter Pin	4
6	2629	Bolt	2
7	2969	Jack	1

Hydraulic Hose Plan for Rephasing Cylinder System



SEE NOTE 1

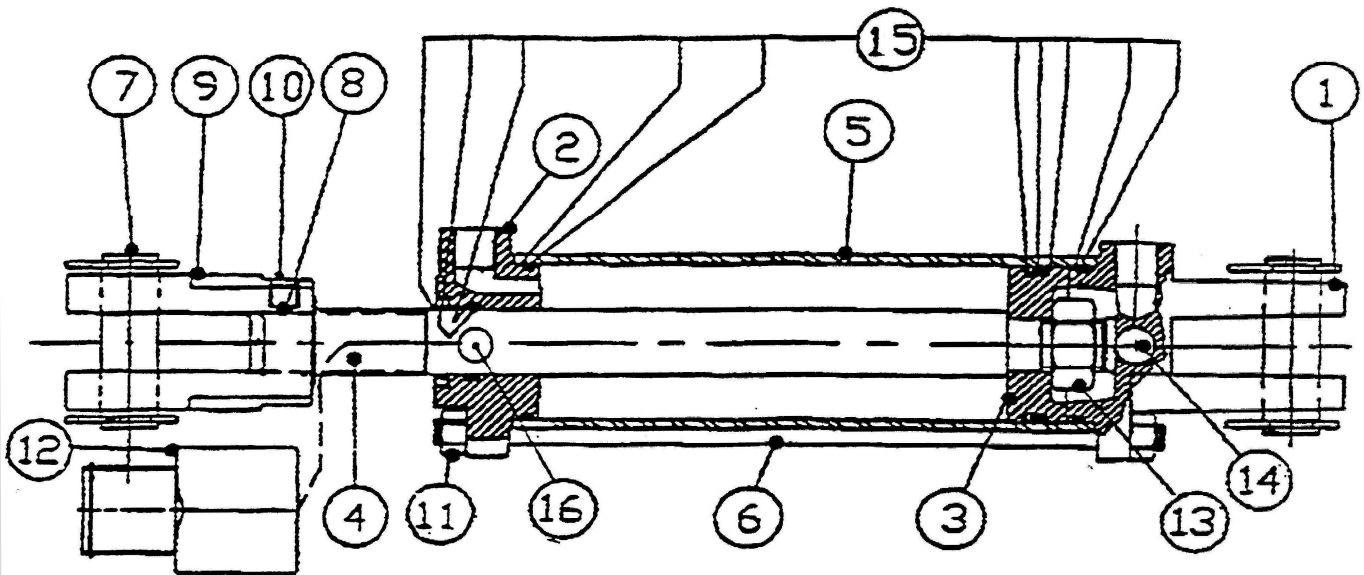


NOTE 1
USE THIS CONFIGURATION
WHEN THEY ARE 3 SEPARATE
REMOTES ON THE FENDER
MOUNTED VALVE.

NOTE 2
THE REPHASING KIT ITEM 15
IS USED WHEN CHANGING
FROM THE REGULAR HY-
DRAULIC SYSTEM (DIA-
GRAM) TO THE HYDRAULIC
SYSTEM WITH REPHASING
CYLINDERS.

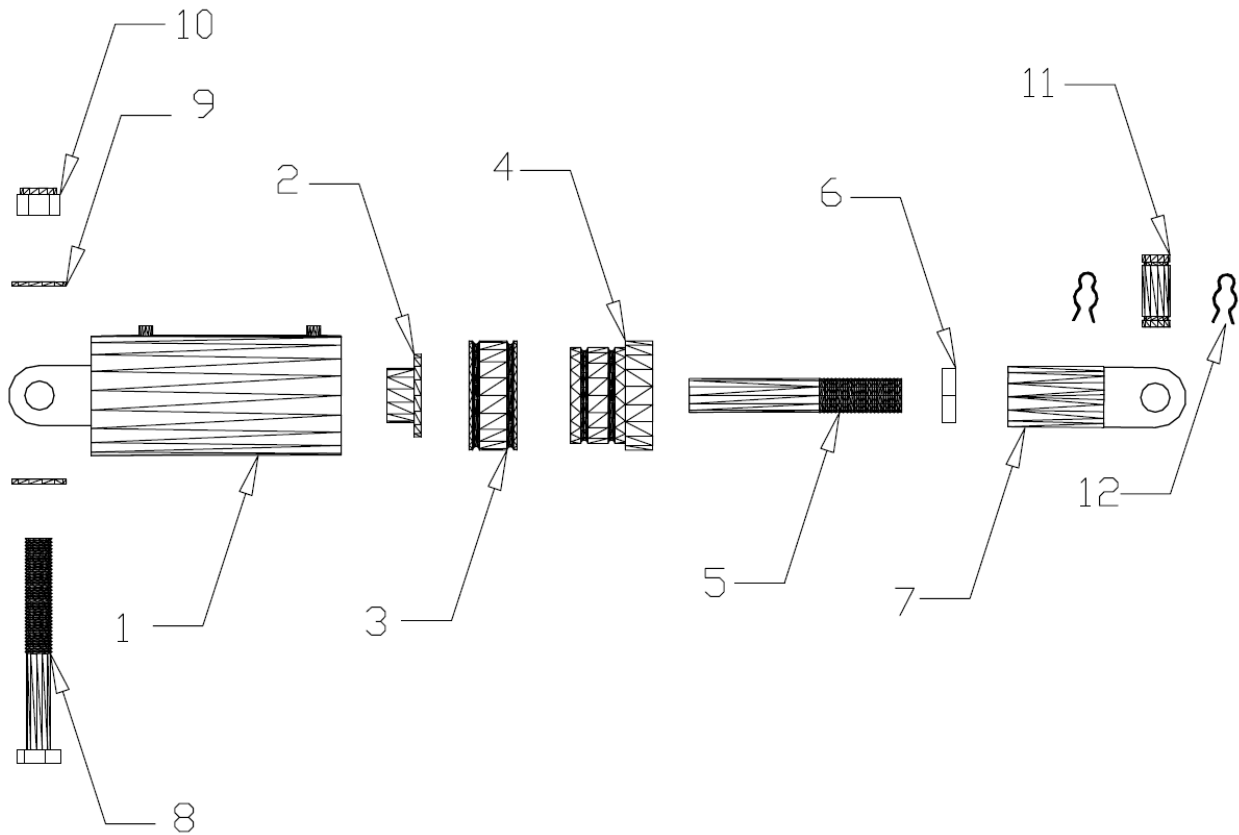
Ref. No.	Part No.	Description	Qty	Remarks
1	2344	Hose	3	
2	4879	Wing Cylinder	2	See details on page 30
3	2465	Restrictor	3	
4	2350	Fitting	2	
5	3673	Right Wing Rephasing Cylinder	1	See detail on page 56
6	3724	Hose	1	
7	2943	Center Rephasing Cylinder	1	See detail on page 55
8	3725	Hose	1	
9	2597	Fitting	1	See NOTE 1
10	3667	Left Wing Rephasing Cylinder	1	See detail on page 57
11	3362	3-Spool Valve (Open Center)	1	See NOTE 1
11 A	3370	3-Spool Valve (Closed Center)	REF	Optional
12	2598	Hose	1	
13	5006	Fitting	4	
14	2466	Vent Plug	2	
15	5007	Rephasing Kit	1	See NOTE 2

2943 Center Lift Cylinder for Rephasing System



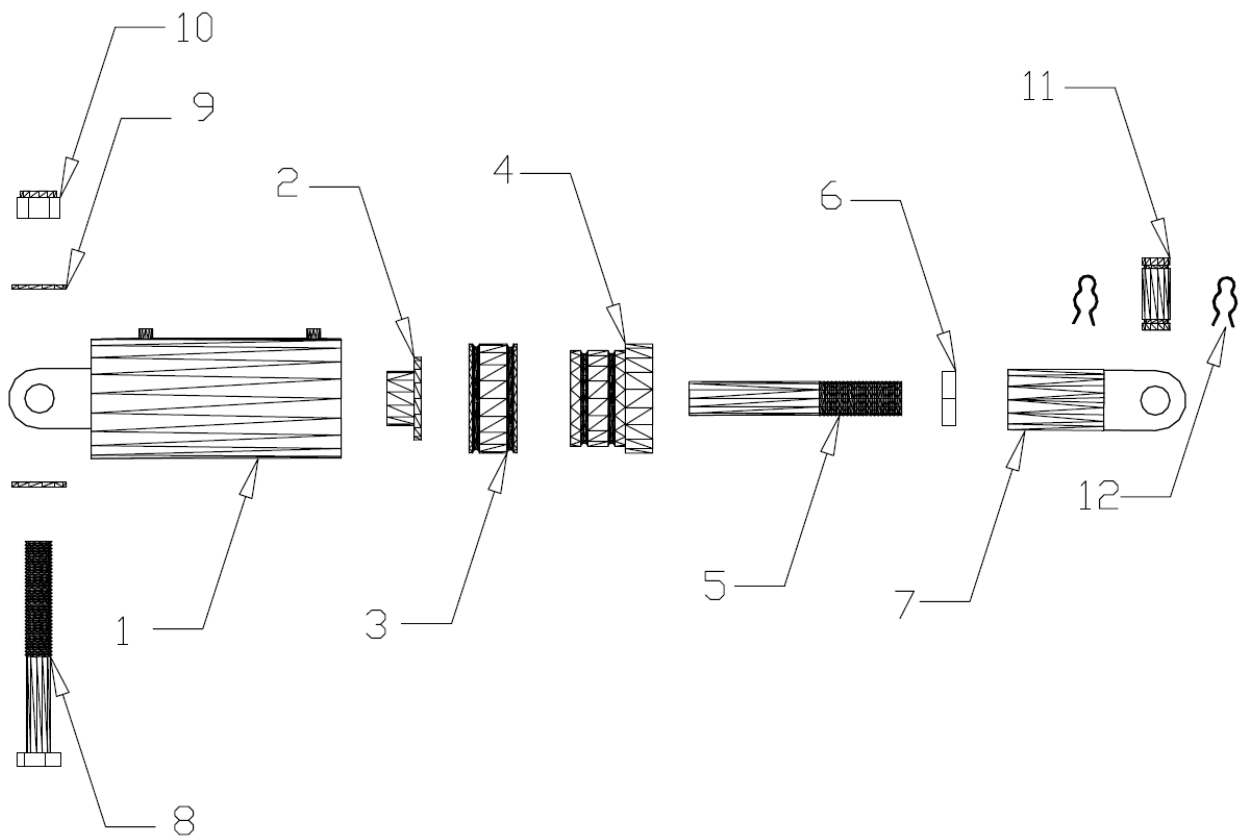
Ref. No.	Part No.	Description	Qty
1	2650	Clevis Cap	1
2	2651	Rod Cap	1
3	2944	Piston	1
4	3219	Rod	1
5	2945	Tube	1
6	2655	Tie Rod	4
7	2330	Pin	2
8	2656	Third Lock	1
9	2657	Rod Clevis	1
10	2658	Set Screw	1
11	2659	Nut	8
12	2374	Stroke Control Kit	1
13	2660	Piston Nut	1
14	2466	Vent Plug	1
15	2946	Seal Kit	1
16	2465	Restrictor	1

3673 Right Wing Rephasing Cylinder



Ref. No.	Part No.	Description	Qty
1	3674	Barrel	1
2	3480	Rod Nut	1
3	3675	Piston	1
4	3676	Gland	1
5	3671	Rod	1
6	3484	Jam Nut	1
7	3672	Clevis	1
8	2626	Bolt	1
9	3449	Washer	1
10	2638	Nut	1
11	2354	Pin	1
12	3270	Clip Pin	2
Not Shown	3857	Seal Kit	1

3667 Left Wing Rephasing Cylinder



Ref. No.	Part No.	Description	Qty
1	3668	Barrel	1
2	3480	Rod Nut	1
3	3669	Piston	1
4	3670	Gland	1
5	3671	Rod	1
6	3484	Jam Nut	1
7	3672	Clevis	1
8	2626	Bolt	1
9	3449	Washer	1
10	2638	Nut	1
11	2354	Pin	1
12	3270	Clip Pin	2
Not Shown	3856	Seal Kit	1

Items not Illustrated

Part No.	Description	Qty
2484	Standard Solid Rubber Tire and Wheel	6
2489	Rim for 2490 Tire	REF
2490	26" Standard Aircraft Type Tire and Wheel	REF
2564	28" Optional Aircraft Type Tire and Wheel	REF
2565	Rim for 2564 Tire	REF
2622	Foam Filled Implement Tires and Wheel	REF
3275	26" Aircraft Tire Only	REF
3276	Tube for 26" Aircraft Tire	REF
3277	28" Aircraft Tire Only	REF
3278	Tube for 28" Aircraft Tire	REF
3516	Foam Filled Aircraft Tire and Wheel	REF

Notes