

Optima Series - Pectoral Fly/Rear Deltoid

OSFLY

Parts Manual

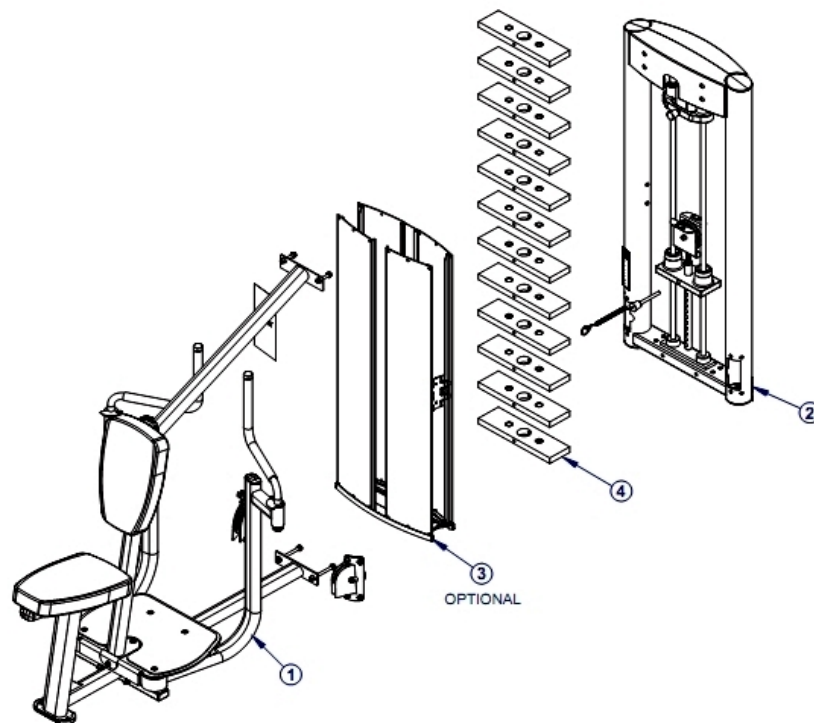
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** Upholstery & Frame Colors are listed at the end of the Parts Manual **

Component Assembly



Ref #	Part Number	Qty	Description
2	8787402	1	ASSY, OSFLYTWR, FINAL - PLT
3	8829101	1	Shroud Kit, OSTWR, Standard
4	7353801	12	Weight Plate 15 LB
-	8766317	1	Label, OSFLY, Rear Deltoid, Multi Lang Sheet
-	8766304	1	Label, OSFLY, Pectoral Fly, Multi Lang Sheet

** Upholstery and Frame Colors are list at the end of the Parts Manual **

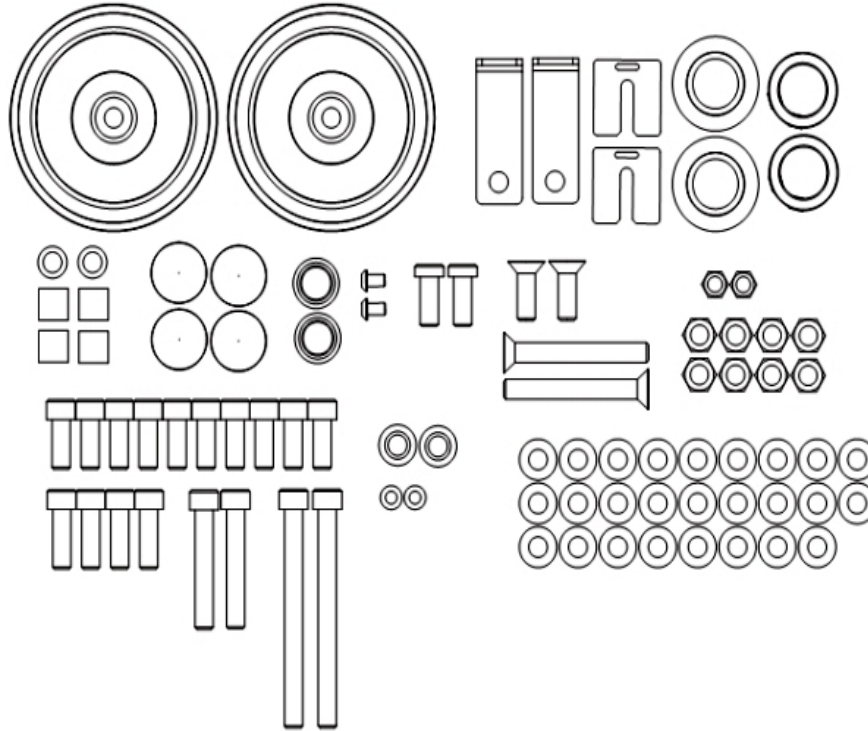
Floating Pulley Assembly

Ref #	Part Number	Qty	Description
1	7425795	1	Weldment Floating Pulley Shadow Gray
2	3237801	1	Pulley 4.5" OD
3	7570801	2	Guard Paint 1.25 X .75 X .25
4	3251705	1	Hardware: Screw 40MM
5	7348101	1	Hardware: Spacer Washer
6	7335401	1	Hardware: Nut 10 MM ID

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Hardware Bag 1

OSFLY HARDWARE KIT:

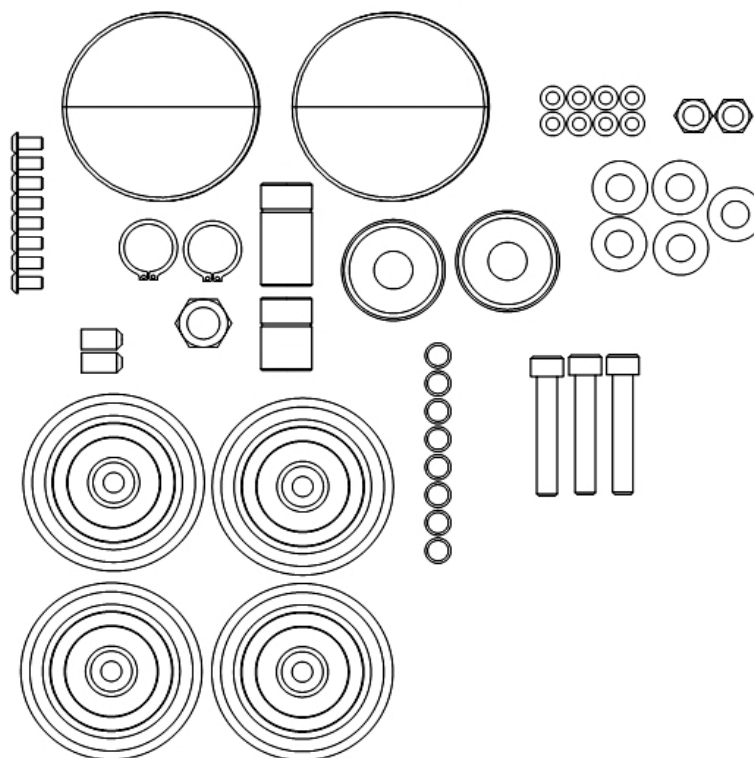


Ref #	Part Number	Qty	Description
1	3237801	2	Pulley 4.5" OD
2	6757701	2	Cable Clip
3	8659201	2	PLATE, OSFLY, CABLE STOP
4	7250001	2	SPACER, EXTERNAL
5	7435301	2	Collar Shaft 1.020 ID
6	7634502	2	SPACER, CM/MJ, .406 X .630 X 0.21
7	7634503	4	SPACER, CM/MJ, .406 X .630 X 0.64
8	3237403	4	Plug 1" Hole
9	3119304	2	End Cap
10	3252802	2	M6-1.0 X 10 HXS BUT CS ST ZN
11	LEA3256202	2	Hardware: Screw 25MM
12	3257206	2	M10 X 1.5 30MM FLT HD
13	3257213	2	M10 X 1.5 80MM FLT HD
14	LEA3251702	10	Screw; M10 X1.5 25MM
15	3251703	4	Hardware: Screw 30MM
16	3251709	2	Hardware: Screw 60MM
17	3251718	2	M10 X 1.5 X 110 HXS SOC CS ST ZN
18	7348101	2	Hardware: Spacer Washer
19	3264101	2	Hardware: Washer
20	3102514	26	Hardware: Flat Washer 3/8" ID
21	3242004	2	Hardware: Nut 8 MM ID
22	LEA3242002	8	Hardware: Hex Nut 10MM D

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Hardware Bag 2

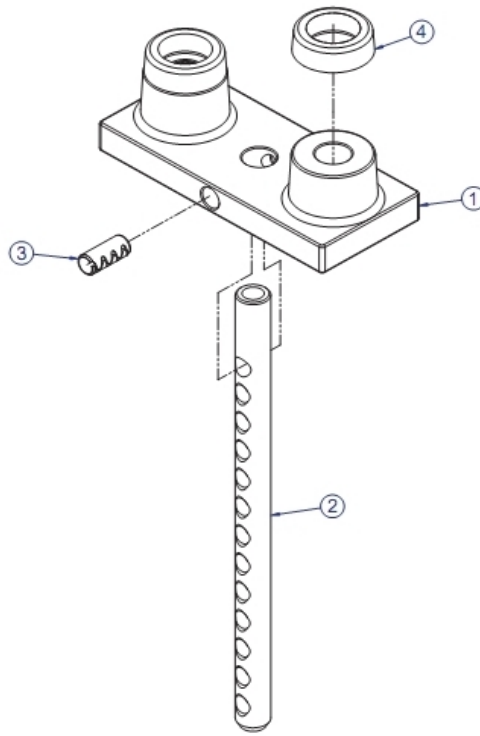
TOWER HARDWARE KIT:



Ref #	Part Number	Qty	Description
1	8371001	2	Cap, OS Tower, Top
2	3232421	2	Retaining Ring 0.940" D
3	8692802	1	Retainer, Guiderod, Long
4	8692801	1	Retainer, Guide Rod, Short
5	7352101	2	Cushion Weight Stack
6	3245701	4	Pulley 3.5" OD
7	7489403	8	Bushing, .500 OD X .402 ID X .272
8	3252803	8	M6-1.0 X 12 HXS BUT CS ST ZN
9	3240501	2	Set Screw
10	3264101	8	Hardware: Washer
11	3236902	1	Hardware: Nut 16 MM ID
12	3251709	3	Hardware: Screw 60MM
13	3102507	5	Hardware: Flat Washer 1/2" ID
14	LEA3242002	2	Hardware: Hex Nut 10MM D
-	OSFLY-HDWR-D	1	ASSY, OSFLY BLISTER PACK
-	OSFLYTWR-HDWR-B	1	Hardware: Assembly, OSFLYTWR Blister Pack

** Upholstery and Frame Colors are list at the end of the Parts Manual **

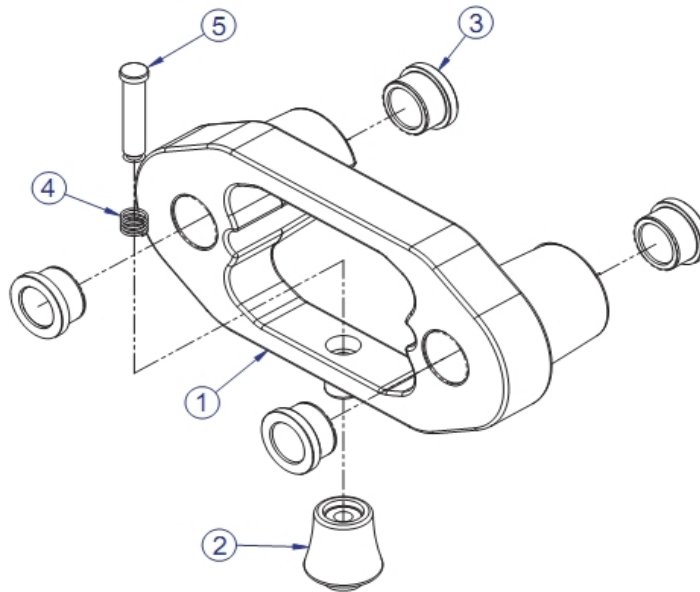
Head Plate Assembly



Ref #	Part Number	Qty	Description
1	8664101	1	Assembly, OS, Head Plate
2	8331701	1	Bayonet, OS, 12 Plate
3	3236001	1	SpringPin Bushing
4	7767601	2	Bumper PS Increment

** Upholstery and Frame Colors are list at the end of the Parts Manual **

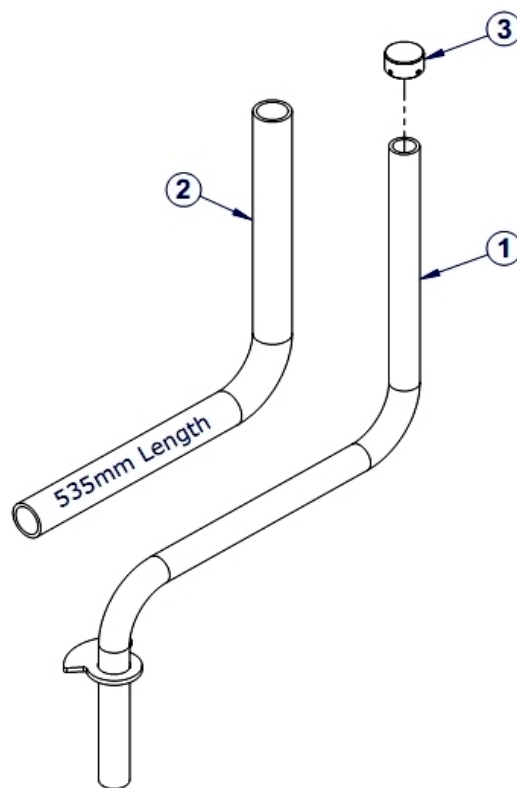
Incremental Weight 7Lb Assembly



Ref #	Part Number	Qty	Description
1	8504201	1	BODY, INCREMENT WEIGHT, 7 LB
2	8048001	1	Knob Tulip Style
3	8045001	4	BEARING Increment Weight
4	7447001	1	Compression Spring
5	7446901	1	Hardware: Pin Retaining

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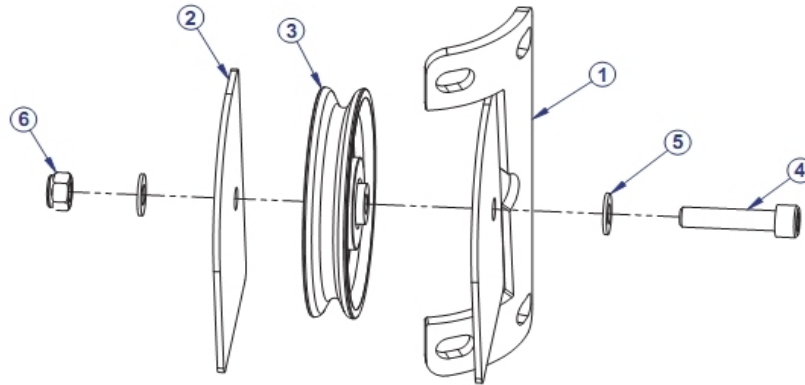
Left Handle Assembly



Ref #	Part Number	Qty	Description
1	9179999	1	WLDMT, OSFLY, HANDLE, LEFT -CUS
2	3235801	1	Grip - 1.25" OD
3	7662901	1	Grip Cap

** Upholstery and Frame Colors are list at the end of the Parts Manual **

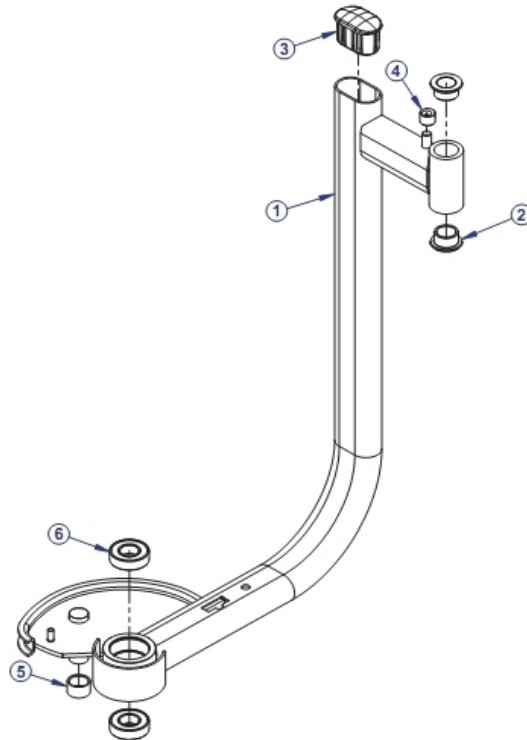
Left Pulley Assembly



Ref #	Part Number	Qty	Description
1	8790402	1	WLDMT, OSFLY, PULLEY, LEFT - PLT
2	8788302	1	PLATE, OSFLY, PULLEY - PLT
3	3237801	1	Pulley 4.5" OD
4	LEA3251706	1	Hardware: Screw; M10 X1.5 45MM
5	3102514	2	Hardware: Flat Washer 3/8" ID
6	LEA3242002	1	Hardware: Hex Nut 10MM D

** Upholstery and Frame Colors are list at the end of the Parts Manual **

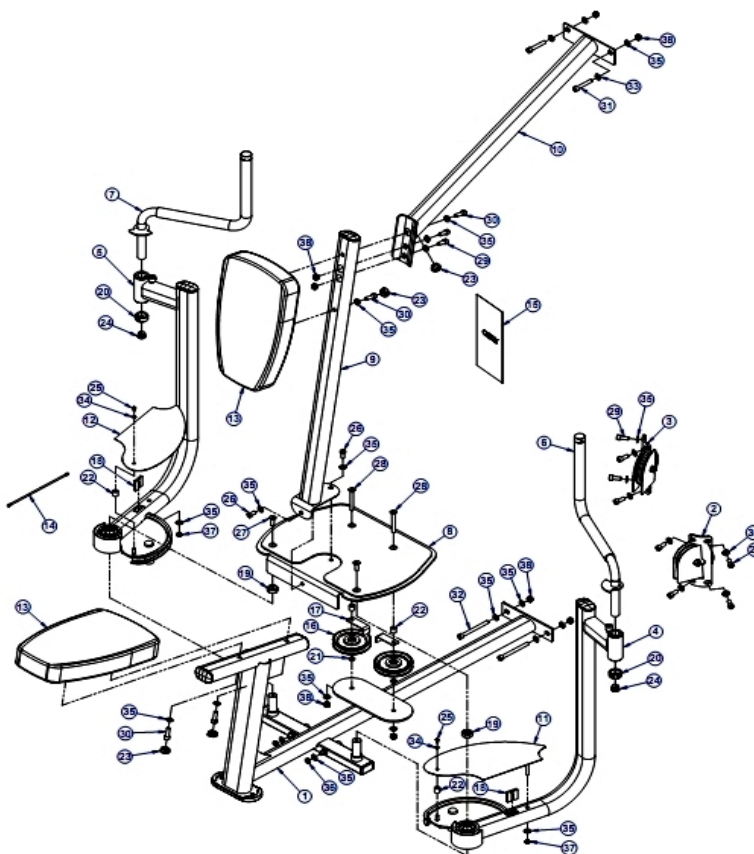
Left Work Arm Assembly



Ref #	Part Number	Qty	Description
1	8688602	1	WLDMT, OSFLY, WORKARM, LEFT - PLT
2	3266604	2	Bearing Flanged, 25MM ID X 32 OD X 19.1
3	7800501	1	Small Cap
4	8864001	1	Assembly, OSFLY, Adj Cam
5	7690101	1	Bumper Sleeve- 1.000 ID
6	3235601	2	Ball Bearing

** Upholstery and Frame Colors are list at the end of the Parts Manual **

Main Frame Assembly



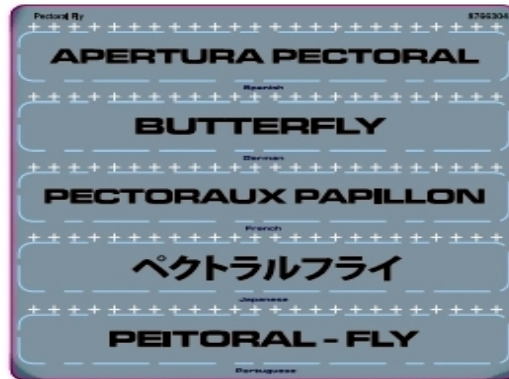
Ref #	Part Number	Qty	Description
1	8786802	1	Assembly, OSFLY, Seat Frame - Plate
2	8790302	1	Assembly, OSFLY, Pulley, Left - Plate
3	8788502	1	ASSY, OSFLY, PULLEY, RIGHT - PLT
4	8725402	1	Assembly, OSFLY, Workarm, Left - Plate
5	8802202	1	Assembly, OSFLY, Workarm, Right - Plate
6	8688402	1	Assembly, OSFLY, Handle, Left - Plate
7	8788602	1	Assembly, OSFLY, Handle, Right - Plate
8	8662502	1	ASSY, OSFLY, PIVOT GUARD - PLT
9	8801802	1	ASSY, OSFLY, VERTICAL FRAME - PLT
10	8802102	1	WLDMT, OSFLY, CROSS BRACE - PLT
11	8858202	1	Weldment, OSFLY, Cam Cover, Left - Plate
12	8858002	1	Weldment, OSFLY, Cam Cover, Right - Plate
13	8455499	2	Pad, Tapered Seat Custom
14	8829701	1	Cable, OSFLY
15	8766204	1	Label, OSFLY, Placard
16	3237801	2	Pulley 4.5" OD
17	6757701	2	Cable Clip
18	8659201	2	PLATE, OSFLY, CABLE STOP
19	7330011	2	Spacer, Internal X .425
20	7435301	2	Collar Shaft 1.020 ID
21	7634502	2	SPACER, CM/MJ, .406 X .630 X 0.21
22	7634503	4	SPACER, CM/MJ, .406 X .630 X 0.64

Ref #	Part Number	Qty	Description
23	3237403	4	Plug 1" Hole
24	3119304	2	End Cap
25	3252802	2	M6-1.0 X 10 HXS BUT CS ST ZN
26	3256201	2	Hardware: Screw 20MM
27	3257206	2	M10 X 1.5 30MM FLT HD
28	3257213	2	M10 X 1.5 80MM FLT HD
29	LEA3251702	10	Screw; M10 X1.5 25MM
30	3251703	4	Hardware: Screw 30MM
31	3251709	2	Hardware: Screw 60MM
32	3251718	2	M10 X 1.5 X 110 HXS SOC CS ST ZN
33	7348101	2	Hardware: Spacer Washer
34	3264101	2	Hardware: Washer
35	3102514	28	Hardware: Flat Washer 3/8" ID
36	3236901	2	Hardware: Nut Hex Jam 10 MM
37	3242004	2	Hardware: Nut 8 MM ID
38	LEA3242002	8	Hardware: Hex Nut 10MM D

** Upholstery and Frame Colors are list at the end of the Parts Manual **

Multi-Language Sheets

8766304
FLY



8766317
REAR DELTOID



Ref #	Part Number	Qty	Description
1	8766317	1	Label, OSFLY, Rear Deltoid, Multi Lang Sheet
1	8766304	1	Label, OSFLY, Pectoral Fly, Multi Lang Sheet

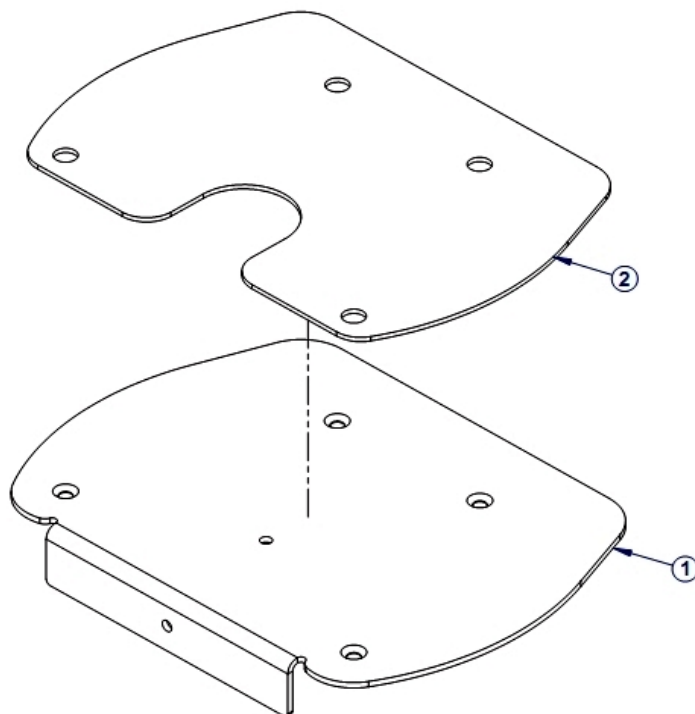
** Upholstery and Frame Colors are list at the end of the Parts Manual **

Optional Shroud Assembly

Ref #	Part Number	Qty	Description
1	8370801	4	Shroud, OS Tower
2	8370901	1	Shroud, OS Tower, Center, Standard
3	8371201	2	Clip, OS Tower
4	8371301	2	Cover, OS Tower, Bottom
5	8682601	12	Tape, Non-Skid, Clear

** Upholstery and Frame Colors are list at the end of the Parts Manual **

Pivot Guard Assembly

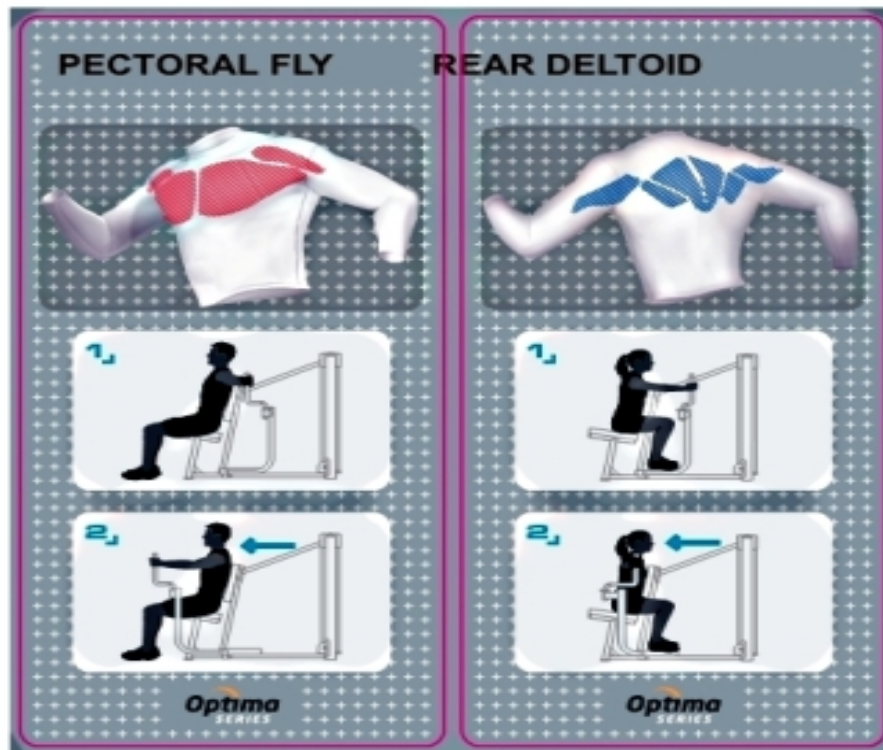


Ref #	Part Number	Qty	Description
1	8662302	1	Bplate, OSFLY, Pivot Guard - Plate
2	8662401	1	Paint Guard, OSFLY

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Placards

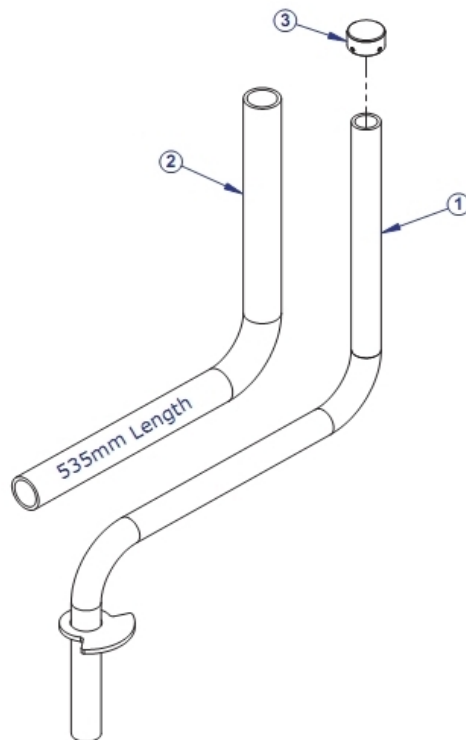
PLACARD ARTWORK



Ref #	Part Number	Qty	Description
1	8766204	1	Label, OSFLY, Placard

** Upholstery and Frame Colors are list at the end of the Parts Manual **

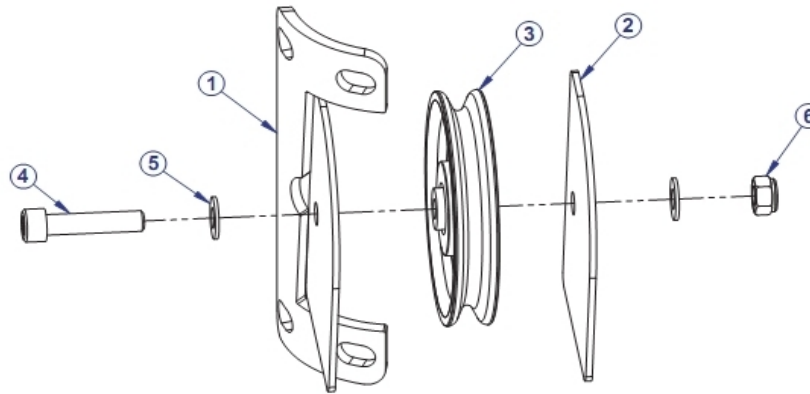
Right Handle Assembly



Ref #	Part Number	Qty	Description
1	9180199	1	WLDMT, OSFLY, HANDLE, RIGHT -CUS
2	3235801	1	Grip - 1.25" OD
3	7662901	1	Grip Cap

** Upholstery and Frame Colors are list at the end of the Parts Manual **

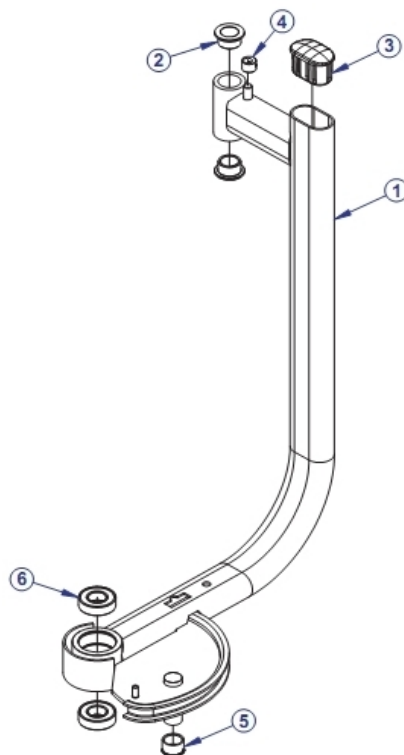
Right Pulley Assembly



Ref #	Part Number	Qty	Description
1	8788402	1	WLDMT, OSFLY, PULLEY, RIGHT - PLT
2	8788302	1	PLATE, OSFLY, PULLEY - PLT
3	3237801	1	Pulley 4.5" OD
4	LEA3251706	1	Hardware: Screw; M10 X1.5 45MM
5	3102514	2	Hardware: Flat Washer 3/8" ID
6	LEA3242002	1	Hardware: Hex Nut 10MM D

** Upholstery and Frame Colors are list at the end of the Parts Manual **

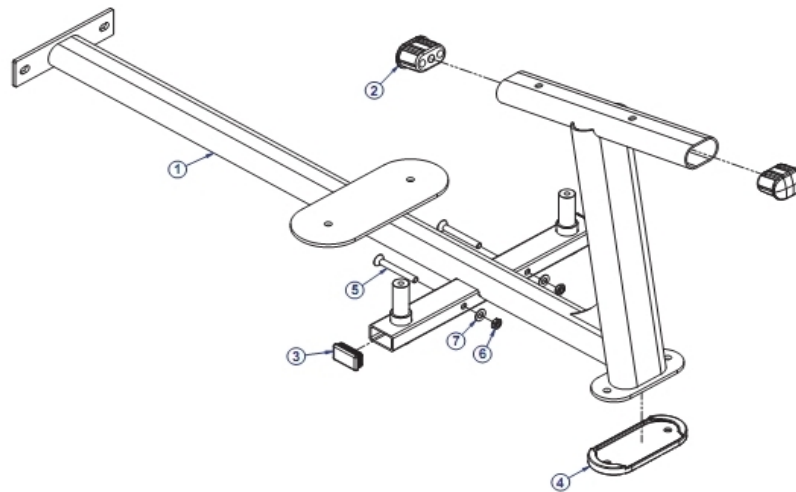
Right Work Arm Assembly



Ref #	Part Number	Qty	Description
1	8790902	1	Weldment, OSFLY, Workarm, Right - Plate
2	3266604	2	Bearing Flanged, 25MM ID X 32 OD X 19.1
3	7800501	1	Small Cap
4	8864001	1	Assembly, OSFLY, Adj Cam
5	7690101	1	Bumper Sleeve- 1.000 ID
6	3235601	2	Ball Bearing

** Upholstery and Frame Colors are list at the end of the Parts Manual **

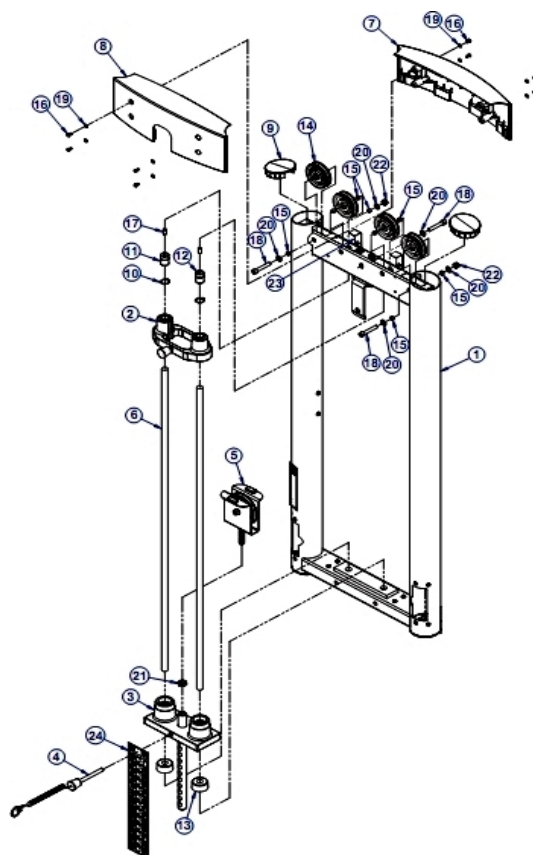
Seat Frame Assembly



Ref #	Part Number	Qty	Description
1	8786702	1	WLDMT, OSFLY, SEAT FRAME - PLT
2	7800501	2	Small Cap
3	8737801	2	CAP, END 50 X 30 RECT
4	8474501	1	Foot, Optima
5	3257213	2	M10 X 1.5 80MM FLT HD
6	3236901	2	Hardware: Nut Hex Jam 10 MM
7	3102514	2	Hardware: Flat Washer 3/8" ID

** Upholstery and Frame Colors are list at the end of the Parts Manual **

Tower Assembly

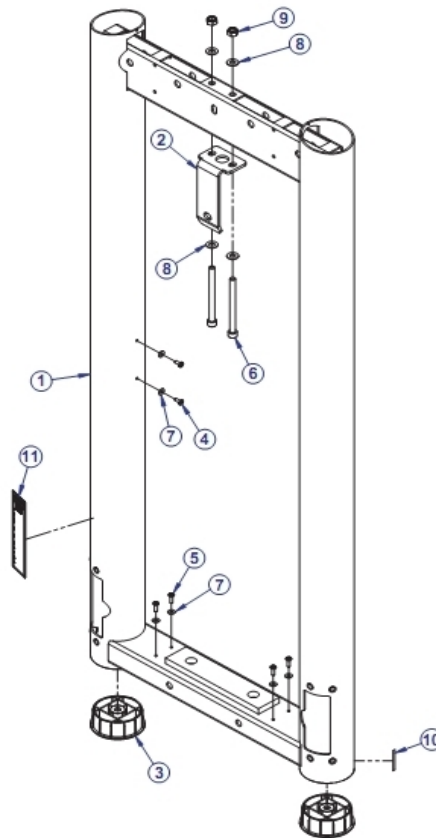


Ref #	Part Number	Qty	Description
1	8787302	1	ASSY, OSFLYTWR - PLT
2	8504301	1	Assembly, Increment Weight, 7 LB
3	8505601	1	Assembly, OS Head Plate, 12 Plate
4	8506101	1	Assembly, Selector Pin
5	8759095	1	ASSY, FLOATING PULLEY - SG
6	7328621	2	Guide Rod, .75 OD Solid X 48.60
7	8370701	1	Cover, OS Tower, Top
8	8370702	1	COVER, OS TOWER, TOP, CUTOUT
9	8371001	2	Cap, OS Tower, Top
10	3232421	2	Retaining Ring 0.940" D
11,12	8692801	2	Retainer, Guide Rod, Short
13	7352101	2	Cushion Weight Stack
14	3245701	4	Pulley 3.5" OD
15	7489403	8	Bushing, .500 OD X .402 ID X .272
16	3252803	8	M6-1.0 X 12 HXS BUT CS ST ZN
17	3240501	2	Set Screw
18	3251709	3	Hardware: Screw 60MM
19	3264101	8	Hardware: Washer
20	3102514	5	Hardware: Flat Washer 3/8" ID
21	3236902	1	Hardware: Nut 16 MM ID
22	LEA3242002	2	Hardware: Hex Nut 10MM D
23	8689801	2	CLIP, CABLE 3.5 IN. PULLEY

Ref #	Part Number	Qty	Description
24	8769601	1	Label, Weight Stack, 13 Plate

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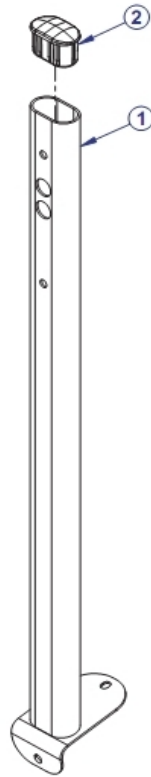
Tower Sub Assembly



Ref #	Part Number	Qty	Description
1	8787202	1	WLDMT, OSFLYTWR - PLT
2	8332102	1	Bracket, OS Tower, Increment Weight Striker, Long
3	8423801	2	Foot, OS Tower
4	LEA3239102	4	Hardware: Screw
5	3239103	4	Screw, M5X.8 X 16 PHI PAN TT ST BZ
6	3251719	2	Hardware: Screw 120MM
7	3114407	8	Hardware: Flat Washer
8	3102514	4	Hardware: Flat Washer 3/8" ID
9	LEA3242002	2	Hardware: Hex Nut 10MM D
10	7571301	1	Label Serial Number
11	8630801	1	Label, ASTM, Select Vertical-Sheet

** Upholstery and Frame Colors are list at the end of the Parts Manual **

Vertical Frame Assembly



Ref #	Part Number	Qty	Description
1	8694402	1	WLDMT, OSFLY, VERTICAL FRAME - PLT
2	7800501	1	Small Cap

** Upholstery and Frame Colors are list at the end of the Parts Manual **

Frame and Upholstery Color Chart

Frame Colors



Note: Include frame color in order notes when ordering frame assemblies or weldments.

Upholstery Colors



Replace '99' with the above color suffix when ordering pads (i.e. 7412399 = 7412301 BLACK)

