

Optima Series - Hip Abductor/Adductor

OSHAA

Parts Manual

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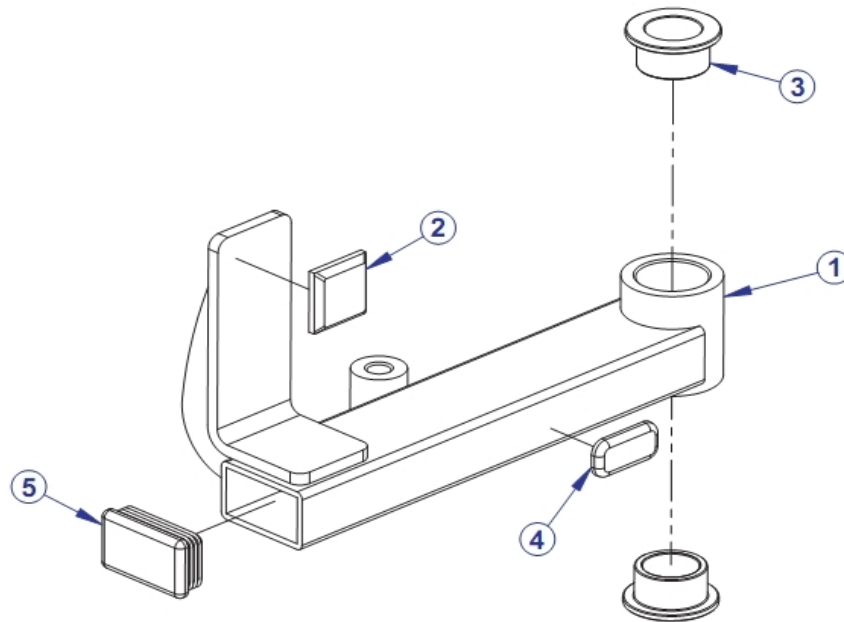


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** Upholstery & Frame Colors are listed at the end of the Parts Manual **

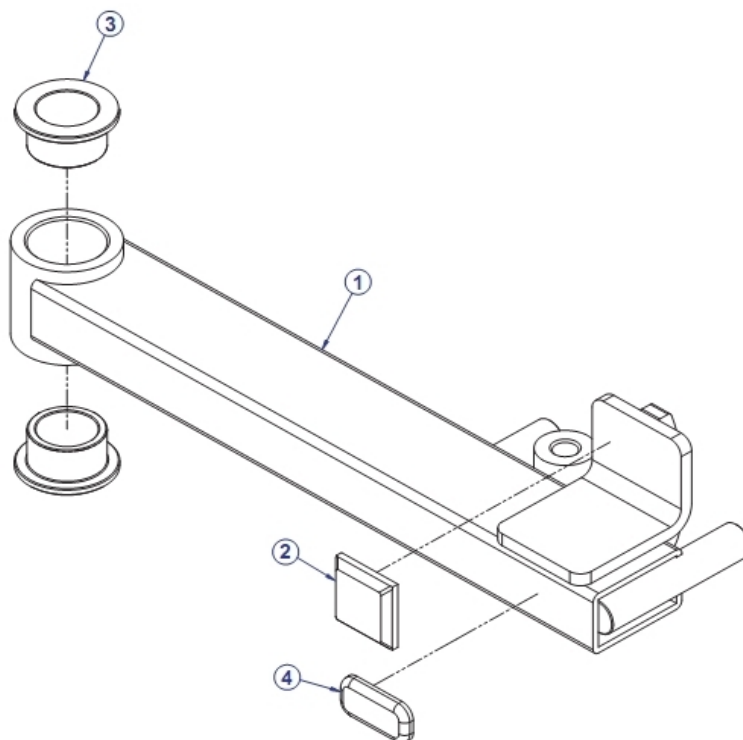
Abductor Arm Assembly



Ref #	Part Number	Qty	Description
1	8437602	1	WLDMT, ABD PIVOT ARM - PLT
2	LEA3116001	1	Bumper; Rubber 1-1/4 SQ
3	3266604	2	Bearing Flanged, 25MM ID X 32 OD X 19.1
4	7570801	1	Guard Paint 1.25 X .75 X .25
5	8737801	1	CAP, END 50 X 30 RECT

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

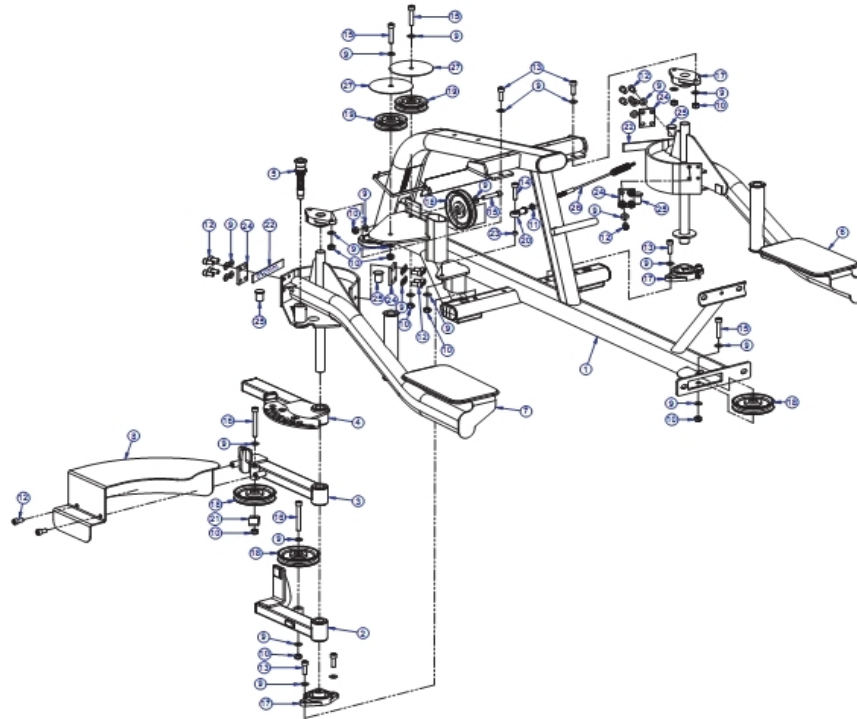
Adductor Arm Assembly



Ref #	Part Number	Qty	Description
1	8437802	1	WLDMT, OSHAA, ADD ARM - PLT
2	LEA3116001	1	Bumper; Rubber 1-1/4 SQ
3	3266604	2	Bearing Flanged, 25MM ID X 32 OD X 19.1
4	7570801	1	Guard Paint 1.25 X .75 X .25

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Base Assembly

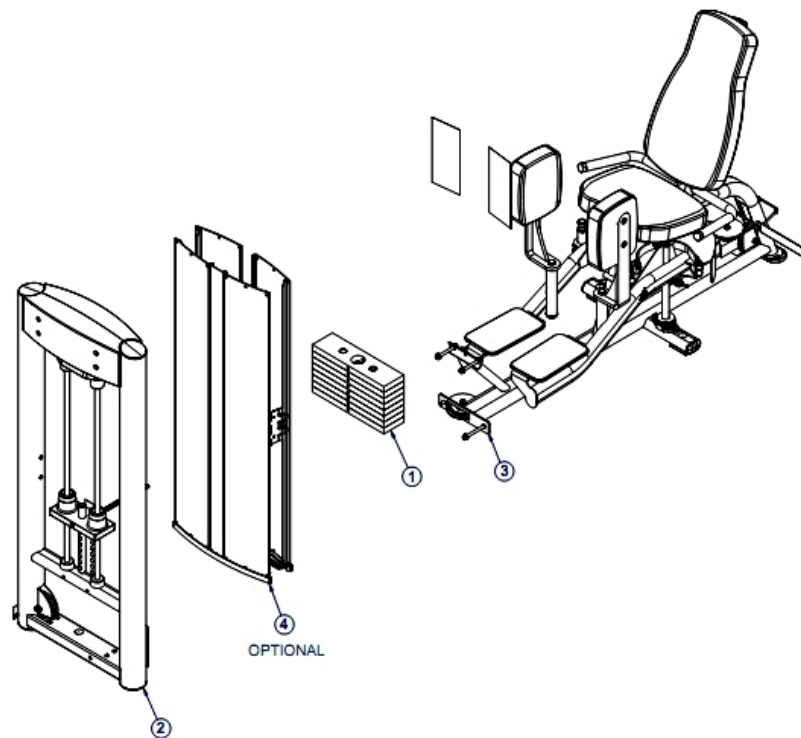


Ref #	Part Number	Qty	Description
1	8437502	1	PTD ASSY, MAIN FRAME, OSHAA Platinum
2	8437702	1	PTD ASSY, ABD ARM - PLT
3	8437902	1	Painted Assembly, OSHAA, Add Arm - Plate
4	8438002	1	Painted Assembly, OSHAA, Work Arm - Plate
5	8544201	1	Assembly, OS, Spring Pin
6	8711702	1	ASSY, OSHAA, LT ARM - PLT
7	8850802	1	Assembly, OSHAA, Right Arm - Plate
8	8737402	1	Weldment, OSHAA Shroud - Plate
9	3102514	40	Hardware: Flat Washer 3/8" ID
10	LEA3242002	11	Hardware: Hex Nut 10MM D
11	3236901	1	Hardware: Nut Hex Jam 10 MM
12	3251701	18	Hardware: Screw 20MM
13	3251703	8	Hardware: Screw 30MM
14	3251705	1	Hardware: Screw 40MM
15	3251707	4	Hardware: Screw 50MM
16	3251713	2	M10 X 1.5 X 80 HXS SOC CS ST ZN
17	3237701	4	Pillow Block Assembly
18	3237801	4	Pulley 4.5" OD
19	3245701	2	Pulley 3.5" OD
20	3237901	1	Rod End Metric Female
21	6757701	1	Cable Clip
22	7435701	2	Belt Spooled W 15/16 T .09

Ref #	Part Number	Qty	Description
23	7489402	1	Bushing
24	8696602	4	OSHAA, PLATE, SMALL CLAMP
25	8697201	4	BAR, OSHAA, BELT DOWEL
26	8756201	1	Cable, OSHAA
27	8815202	2	Plate, 3.5 IN., Pulley Guard - Plate

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

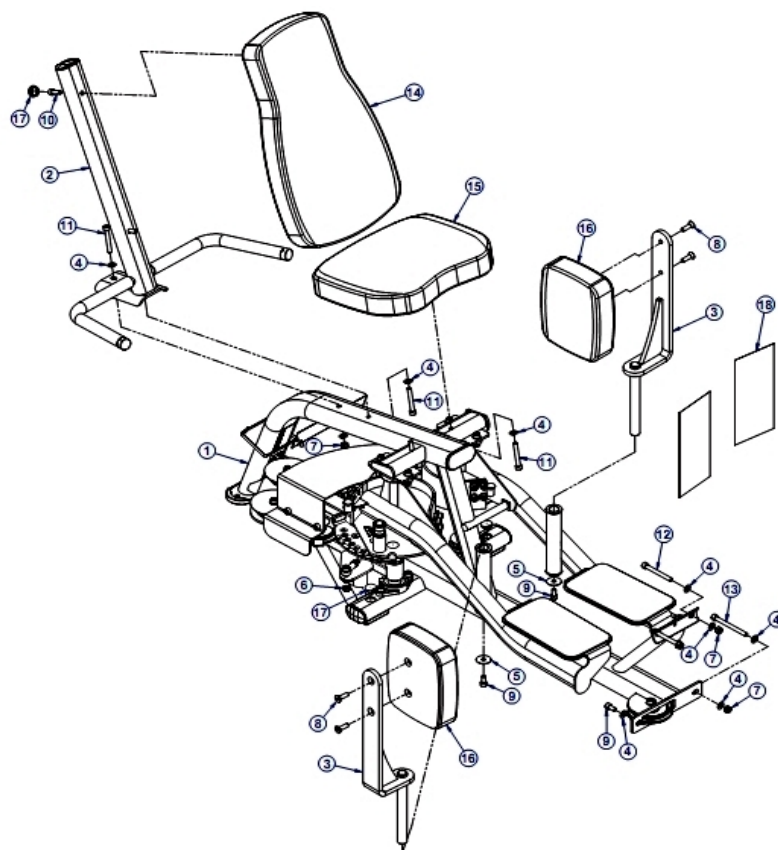
Component Assembly



Ref #	Part Number	Qty	Description
1	7353801	8	Weight Plate 15 LB
4	8815501	1	SHR Kit, OSHAATWR
-	8766316	1	LABEL, OSHAA, HIP ABDUCTOR, MULTI LANG SHEET
-	8766305	1	Label, OSHAA, Hip Adductor, Multi Lang Sheet

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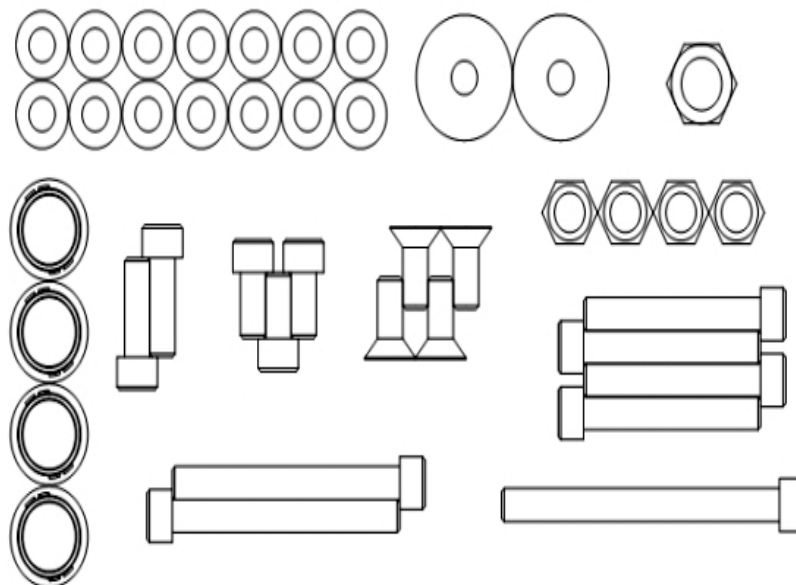
Frame Box Assembly



Ref #	Part Number	Qty	Description
2	8438301	1	PTD ASSY, OSHAA, SEATBACK -WHT
3	8439202	2	WLDMT, OSHAA, PAD SUPPORT - PLT
4	3102514	14	Hardware: Flat Washer 3/8" ID
5	3236701	2	Fender Washer 3/8"
6	3236902	1	Hardware: Nut 16 MM ID
7	LEA3242002	4	Hardware: Hex Nut 10MM D
8	3257207	4	M10 X 1.5 35MM FLT HD
9	3251701	3	Hardware: Screw 20MM
10	3251703	2	Hardware: Screw 30MM
11	3251711	4	Hardware: Screw 70MM
12	3251715	2	Hardware: Screw 90MM
13	3251718	1	M10 X 1.5 X 110 HXS SOC CS ST ZN
14	8465099	1	Pad, Large Back, Flat Custom
15	8738799	1	Pad, Large Chair, Flat Custom
16	8738899	2	Pad, Hip ADB/ADD, Thigh Custom
17	3237403	4	Plug 1" Hole
18	8766205	1	Label, OSHAA, Placard

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

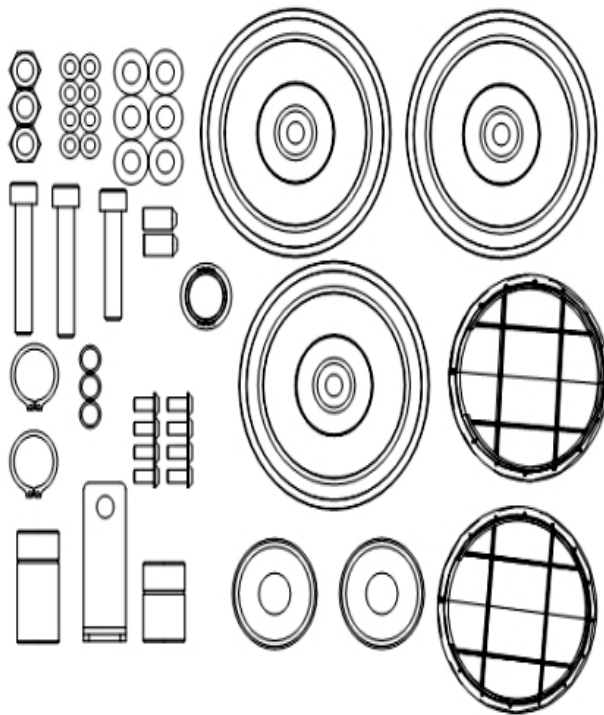
Hardware Bag 1



Ref #	Part Number	Qty	Description
1	3102514	20	Hardware: Flat Washer 3/8" ID
2	3264101	8	Hardware: Washer
2	3236701	2	Fender Washer 3/8"
3	LEA3242002	3	Hardware: Hex Nut 10MM D
3	3236902	1	Hardware: Nut 16 MM ID
4	3240501	2	Set Screw
4	3242005	4	NUT, METRIC HEX NYLOCK, M12 X 1.75
5	3251707	1	Hardware: Screw 50MM
5	3257205	4	Hardware: Bolt 25MM
6	3251709	2	Hardware: Screw 60MM
6	3251701	3	Hardware: Screw 20MM
7	3251703	2	Hardware: Screw 30MM
7	3252803	8	M6-1.0 X 12 HXS BUT CS ST ZN
8	3232421	2	Retaining Ring 0.940" D
8	3251711	4	Hardware: Screw 70MM
9	7489403	3	Bushing, .500 OD X .402 ID X .272
9	3251715	2	Hardware: Screw 90MM
10	3251718	1	M10 X 1.5 X 110 HXS SOC CS ST ZN
10,11	3237403	5	Plug 1" Hole
-	OSHAA-HDWR-C	1	ASSY, OSHAA BLISTER PACK

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

Hardware Bag 2



Ref #	Part Number	Qty	Description
11	3237801	3	Pulley 4.5" OD
12	6757701	1	Cable Clip
13	7352101	2	Cushion Weight Stack
14	8371001	2	Cap, OS Tower, Top
15	8692801	1	Retainer, Guide Rod, Short
16	8692802	1	Retainer, Guiderod, Long
-	OSHAATWR-HDWR-C	1	Hardware: Assembly, OSHAATWR Blister Pack

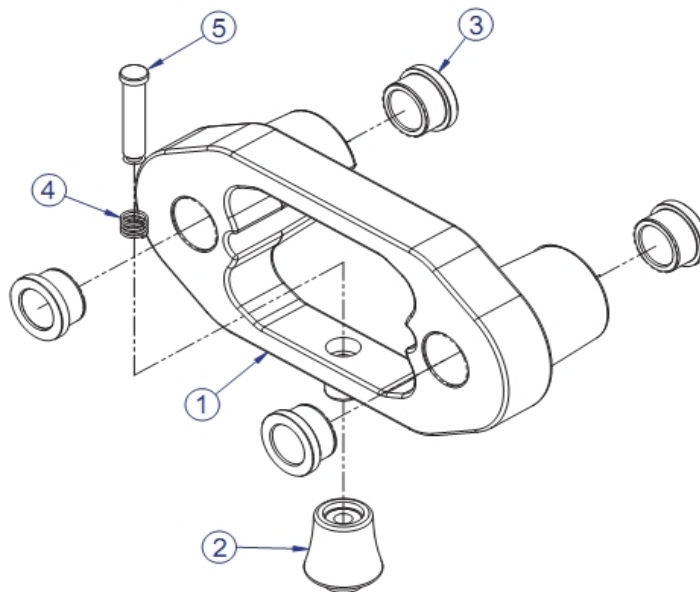
** Upholstery and Frame Colors are list at the end of the Parts Manual **

Head Plate Assembly

Ref #	Part Number	Qty	Description
1	8664101	1	Assembly, OS, Head Plate
2	8331702	1	Bayonet, OS, 8 Plate
3	3236001	1	SpringPin Bushing
4	7767601	2	Bumper PS Increment

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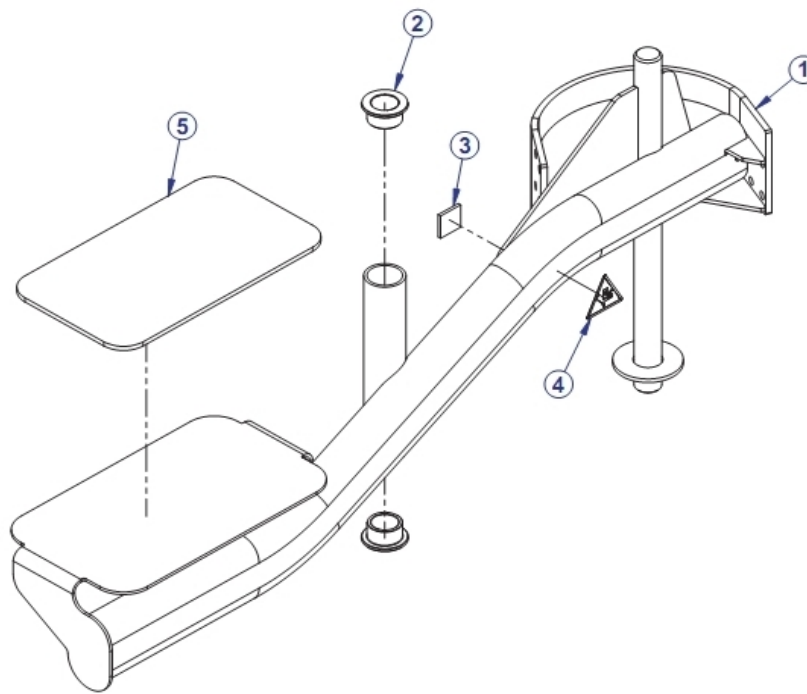
Incremental Weight Assembly



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

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

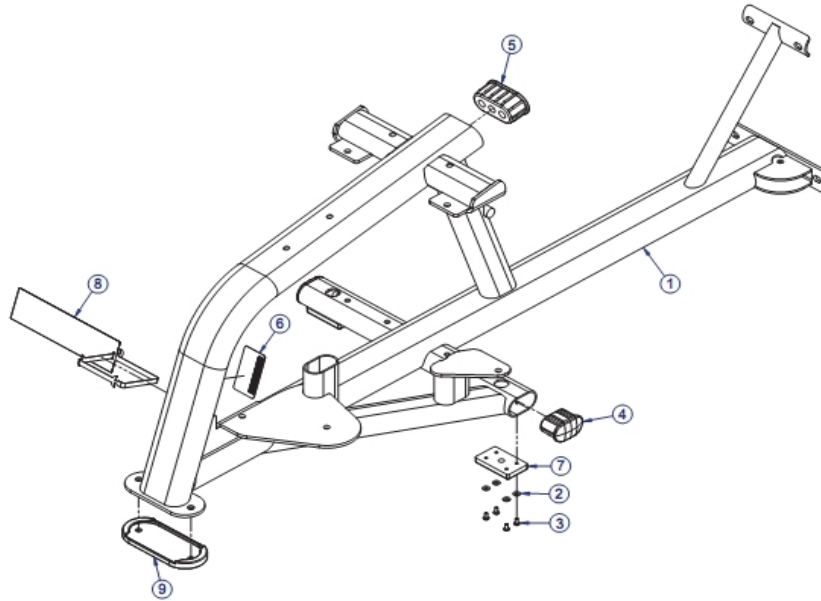
Left Arm Assembly



Ref #	Part Number	Qty	Description
1	8711102	1	WLDMT, OSHAA, LT ARM - PLT
2	3266604	2	Bearing Flanged, 25MM ID X 32 OD X 19.1
3	6140701	1	Glide 1 X 1
4	8039501	1	Label Warning Triangle 10-0099-067 BNR
5	8814801	1	Foot Pad, OSHAA

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

Main Frame Assembly

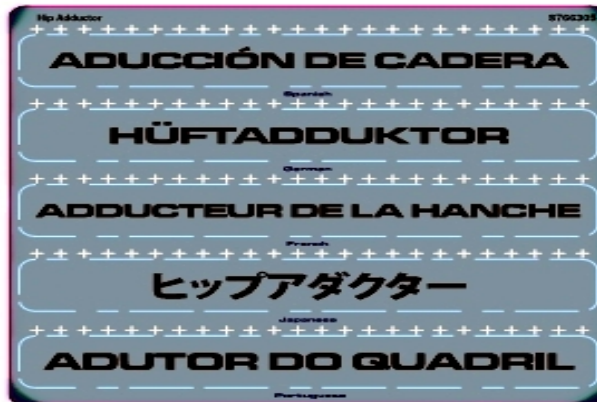


Ref #	Part Number	Qty	Description
1	8448402	1	WLDMT, OSHAA, MAIN FRAME - PLT
2	3114407	8	Hardware: Flat Washer
3	3239101	8	Hardware: Phillips Pan Screw
4	7800501	2	Small Cap
5	8012901	1	End Cap FLOV
6	7571301	1	Label Serial Number
7	7810801	2	Rubber Foot Pad
8	8343101	1	Tag - Bolt To Floor
9	8474501	1	Foot, Optima

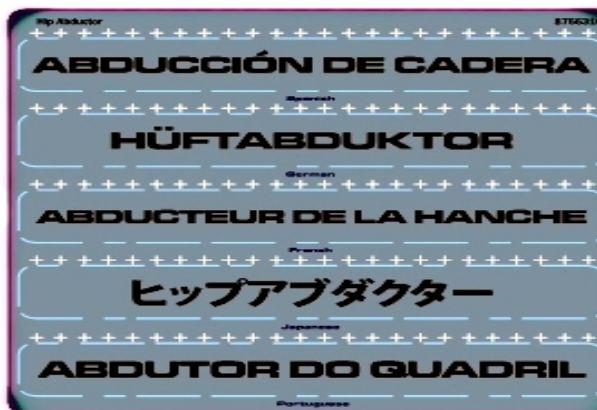
** Upholstery and Frame Colors are list at the end of the Parts Manual **

Multi-language Sheets

8766305
ADDUCTOR



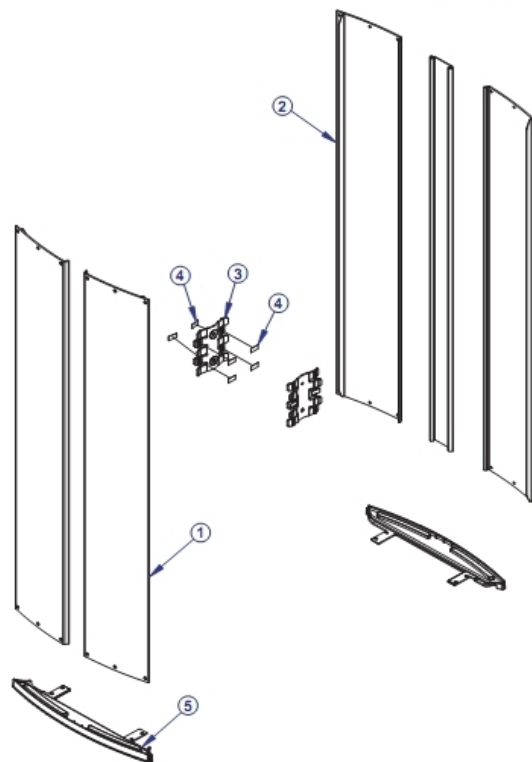
8766316
ABDUCTOR



Ref #	Part Number	Qty	Description
1	8766316	1	LABEL, OSHAA, HIP ABDUCTOR, MULTI LANG SHEET
1	8766305	1	Label, OSHAA, Hip Adductor, Multi Lang Sheet

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

Optional Shroud Assembly

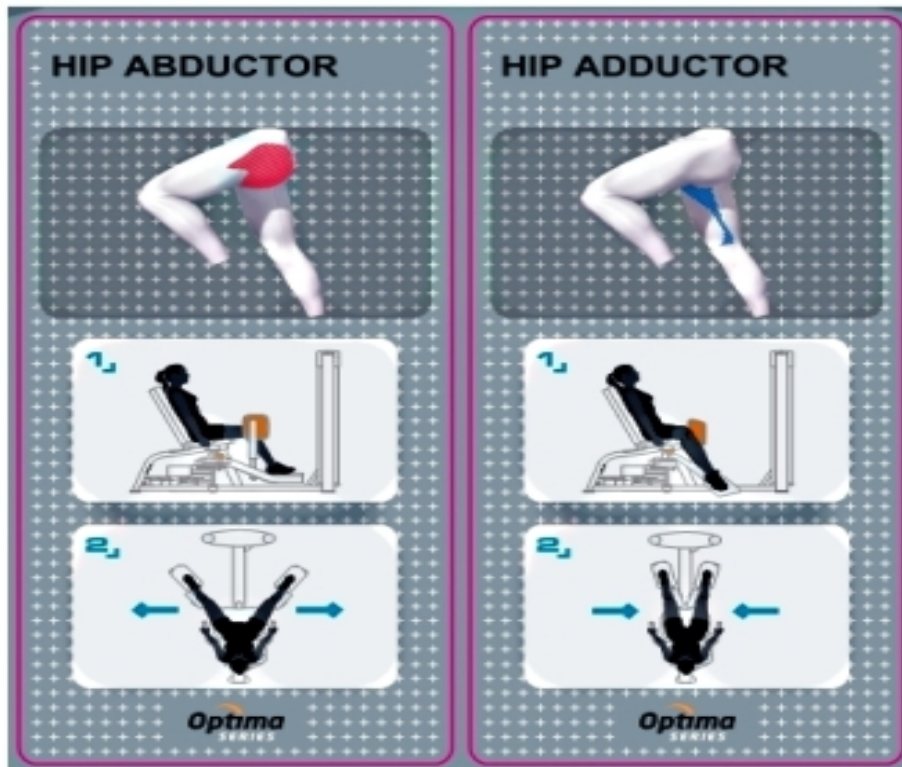


Ref #	Part Number	Qty	Description
1	8370801	4	Shroud, OS Tower
2	8370901	1	Shroud, OS Tower, Center, Standard
3	8371201	2	Clip, OS Tower
4	8682601	12	Tape, Non-Skid, Clear
5	8686601	2	Cover, OSHAATWR, Bottom

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

Placards

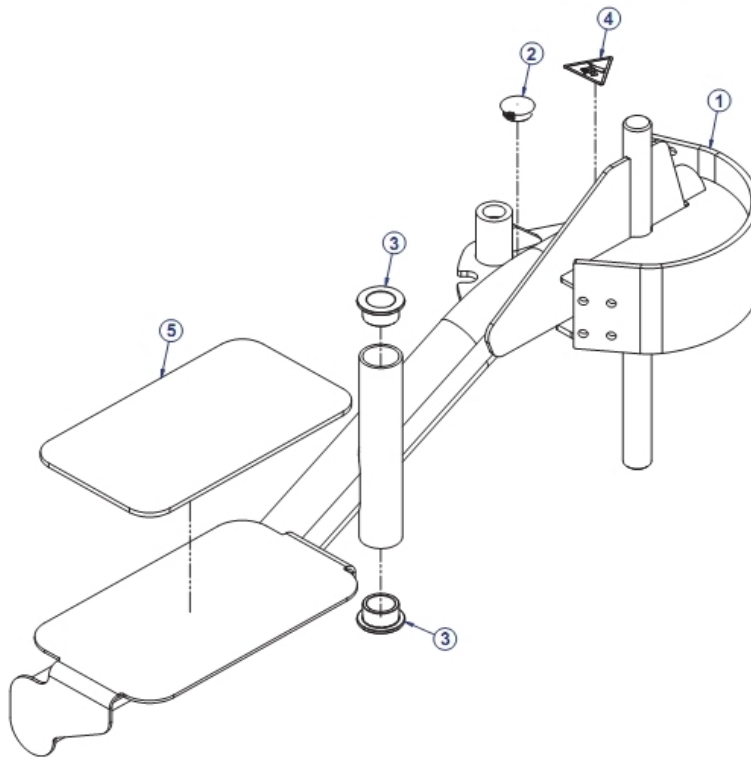
PLACARD ARTWORK



Ref #	Part Number	Qty	Description
1	8766205	1	Label, OSHAA, Placard

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

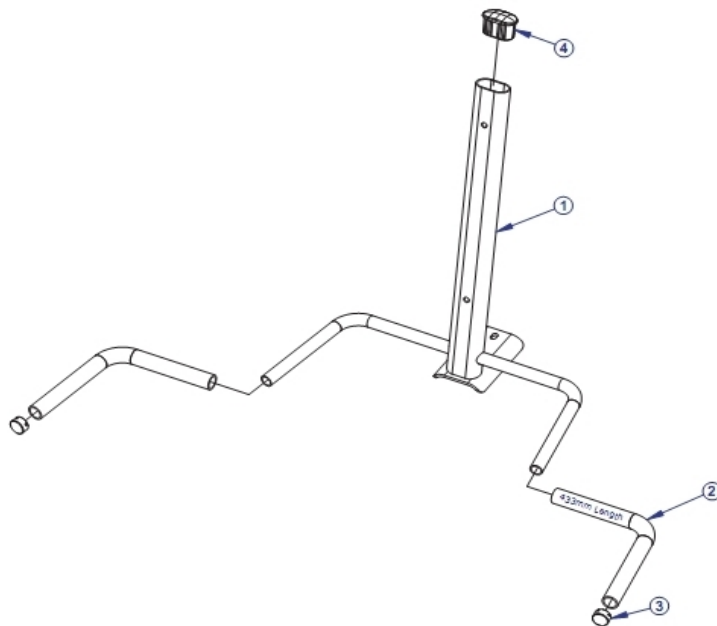
Right Arm Assembly



Ref #	Part Number	Qty	Description
1	8737202	1	WLDMT, OSHAA, RT ARM - PLT
2	3237403	1	Plug 1" Hole
3	3266604	2	Bearing Flanged, 25MM ID X 32 OD X 19.1
4	8039501	1	Label Warning Triangle 10-0099-067 BNR
5	8814801	1	Foot Pad, OSHAA

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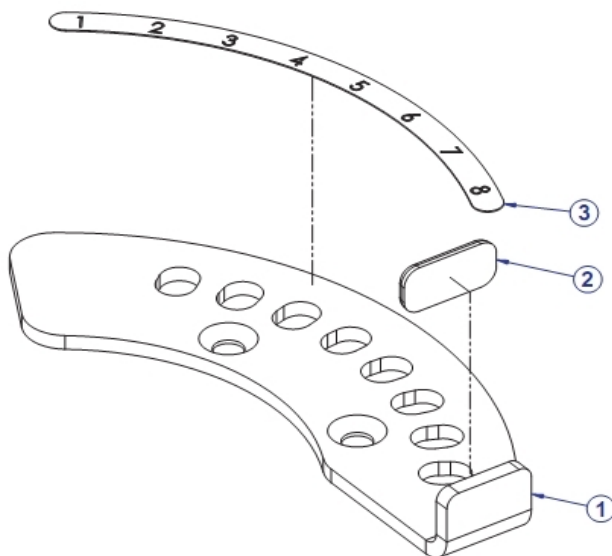
Seat Back Assembly



Ref #	Part Number	Qty	Description
1	8438202	1	WLDMT, OSHAA SEATBACK Platinum
2	3235801	2	Grip - 1.25" OD
3	7662901	2	Grip Cap
4	7800501	1	Small Cap

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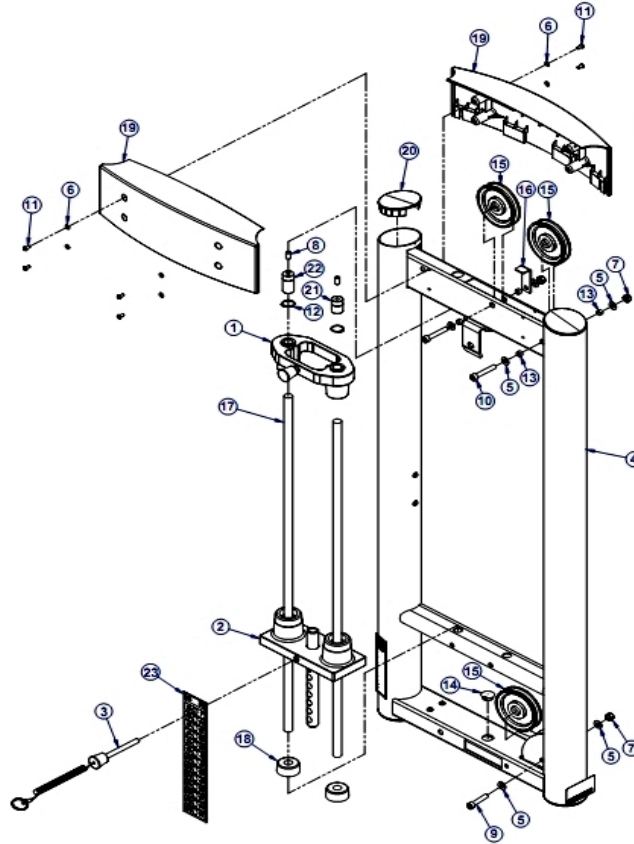
Selector Assembly



Ref #	Part Number	Qty	Description
1	8698301	1	BRKT, OSHAA, SELECTOR
2	7570801	1	Guard Paint 1.25 X .75 X .25
3	8755901	1	Label, OSHAA, Selector

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

Tower Assembly

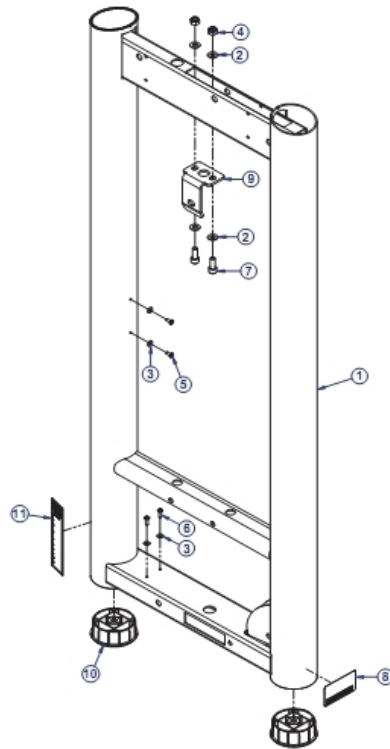


Ref #	Part Number	Qty	Description
1	8504301	1	Assembly, Increment Weight, 7 LB
2	8505602	1	Assembly, OS Head Plate, 8 Plate
3	8506101	1	Assembly, Selector Pin
4	8739002	1	Painted Sub Assembly, Optima Series Hip Ab/Adduction Tower Platinum
5	3102514	6	Hardware: Flat Washer 3/8" ID
6	3264101	8	Hardware: Washer
7	LEA3242002	3	Hardware: Hex Nut 10MM D
8	3240501	2	Set Screw
9	3251707	1	Hardware: Screw 50MM
10	3251709	2	Hardware: Screw 60MM
11	3252803	8	M6-1.0 X 12 HXS BUT CS ST ZN
12	3232421	2	Retaining Ring 0.940" D
13	7489403	4	Bushing, .500 OD X .402 ID X .272
14	3237403	1	Plug 1" Hole
15	3237801	3	Pulley 4.5" OD
16	6757701	1	Cable Clip
17	7328610	2	Guide Rod .75 OD Solid X 39.75
18	7352101	2	Cushion Weight Stack
19	8370701	2	Cover, OS Tower, Top
20	8371001	2	Cap, OS Tower, Top
21	8692801	1	Retainer, Guide Rod, Short

Ref #	Part Number	Qty	Description
22	8692802	1	Retainer, Guiderod, Long
23	8769601	1	Label, Weight Stack, 13 Plate

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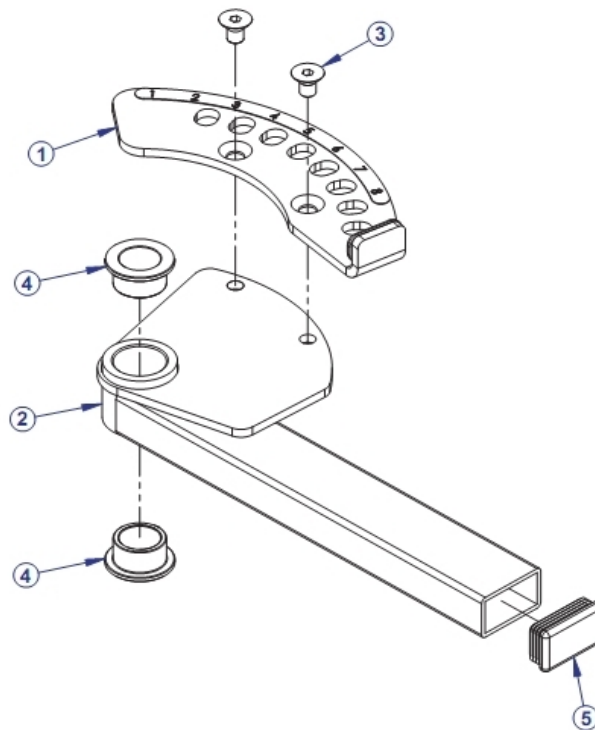
Tower Sub Assembly



Ref #	Part Number	Qty	Description
1	8686299	1	WLDMT, OSHAATWR, FRAME
2	3102514	4	Hardware: Flat Washer 3/8" ID
3	3114407	8	Hardware: Flat Washer
4	LEA3242002	2	Hardware: Hex Nut 10MM D
5	LEA3239102	4	Hardware: Screw
6	3239103	4	Screw, M5X.8 X 16 PHI PAN TT ST BZ
7	LEA3251702	2	Screw; M10 X1.5 25MM
8	7571301	1	Label Serial Number
9	8332101	1	Bracket, OS Tower, Increment Weight Striker
10	8423801	2	Foot, OS Tower
11	8630801	1	Label, ASTM, Select Vertical-Sheet

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Work Arm Assembly



Ref #	Part Number	Qty	Description
1	8854901	1	ASSY, OSHAA, SELECTOR
2	8438102	1	WLDMT, OSHAA, WORKARM - PLT
3	3257203	2	M10 X 1.5 16MM FLT HD
4	3266604	2	Bearing Flanged, 25MM ID X 32 OD X 19.1
5	8737801	1	CAP, END 50 X 30 RECT

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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)

