

Optima Series - Biceps/Triceps

OSBT

Parts Manual

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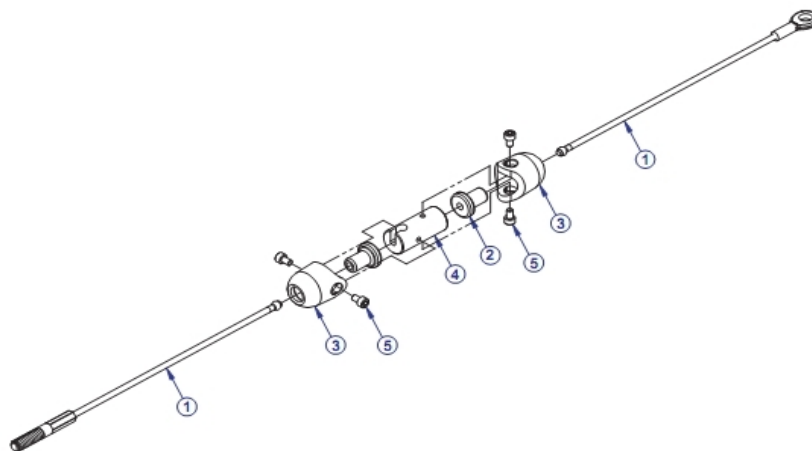
OSBT - OPTIMA SERIES - BICEPS/TRICEPS

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

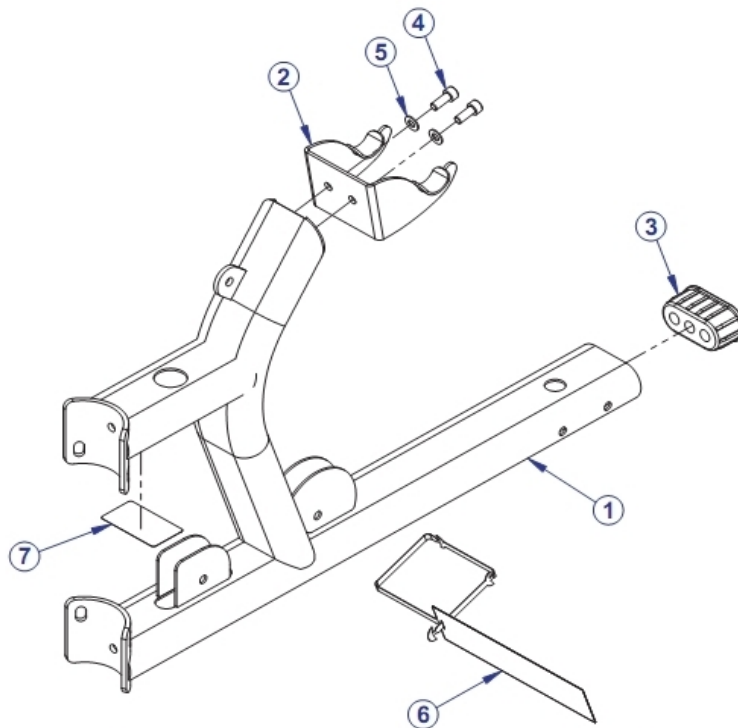
Bicep Cable Assembly



Ref #	Part Number	Qty	Description
1	8978601	1	ASSY, CABLE, OSBT, BICEP
2	8943801	2	Insert CM/MJ Cable End
3	8943701	2	Housing CM/MJ Cable End
4	8978201	1	LINK, CM/MJ, CABLE END, DOUBLE
5	3250002	4	M5 X 0.8 X 8 HXS SOC CS ST BZ

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

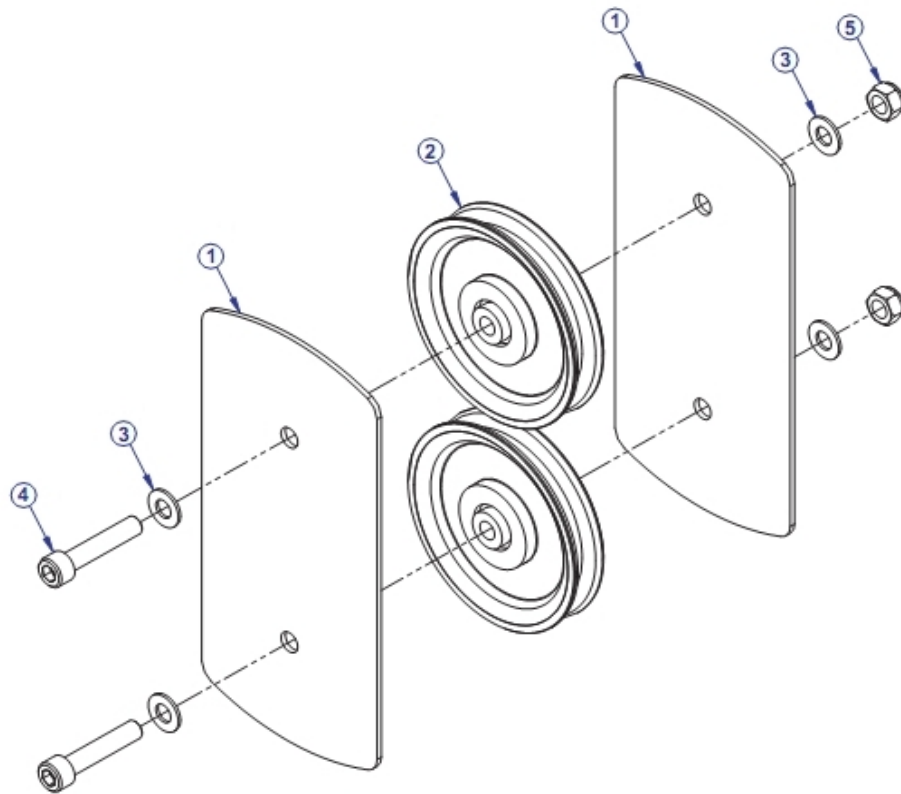
BI Frame Assembly



Ref #	Part Number	Qty	Description
1	8890499	1	WLDMT, OSBT, BI FRAME -CUS
2	8978999	1	WLDMT, OSBT, BI HANDLE
3	8012901	1	End Cap FLOV
4	LEA3251702	2	Screw; M10 X1.5 25MM
5	3102514	2	Hardware: Flat Washer 3/8" ID
6	8343101	1	Tag - Bolt To Floor
7	7571301	1	Label Serial Number

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

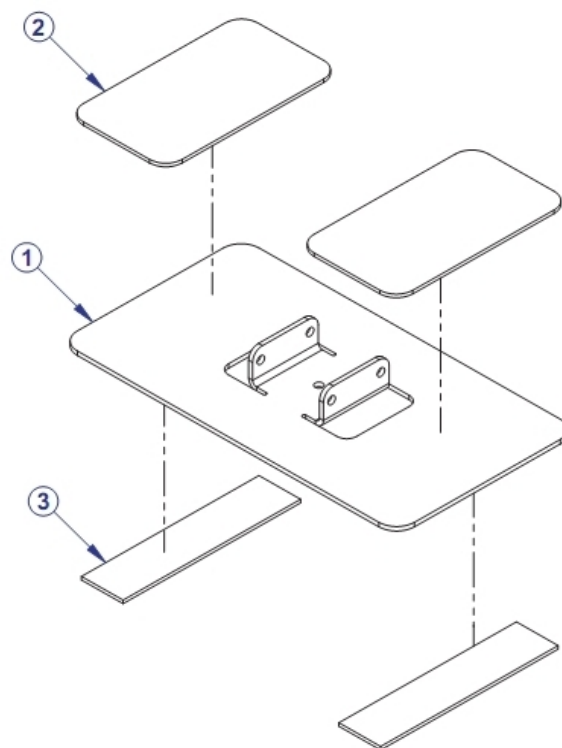
Floating Pulley Assembly



Ref #	Part Number	Qty	Description
1	8674799	2	PLATE, FLOATING PULLEY -CUS
2	3237801	2	Pulley 4.5" OD
3	3102514	4	Hardware: Flat Washer 3/8" ID
4	3251707	2	Hardware: Screw 50MM
5	LEA3242002	2	Hardware: Hex Nut 10MM D

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

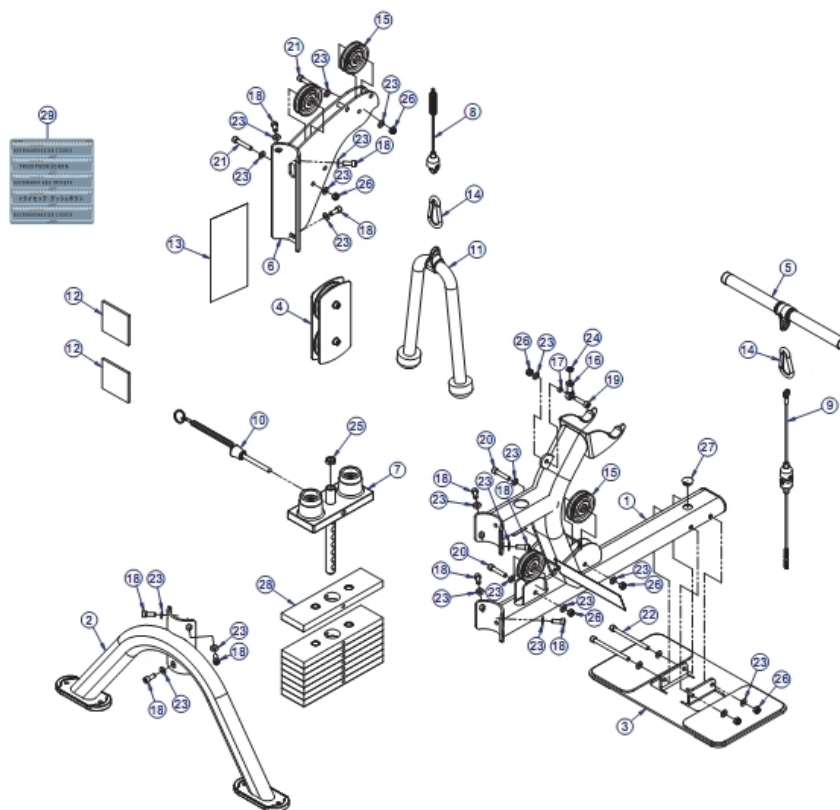
Footplate Assembly



Ref #	Part Number	Qty	Description
1	8935399	1	OSBT Footplate Custom
2	8814801	2	Foot Pad, OSHAA
3	8308902	2	RUBBER, SELF ADHESIVE X 270.0

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Frame Assembly

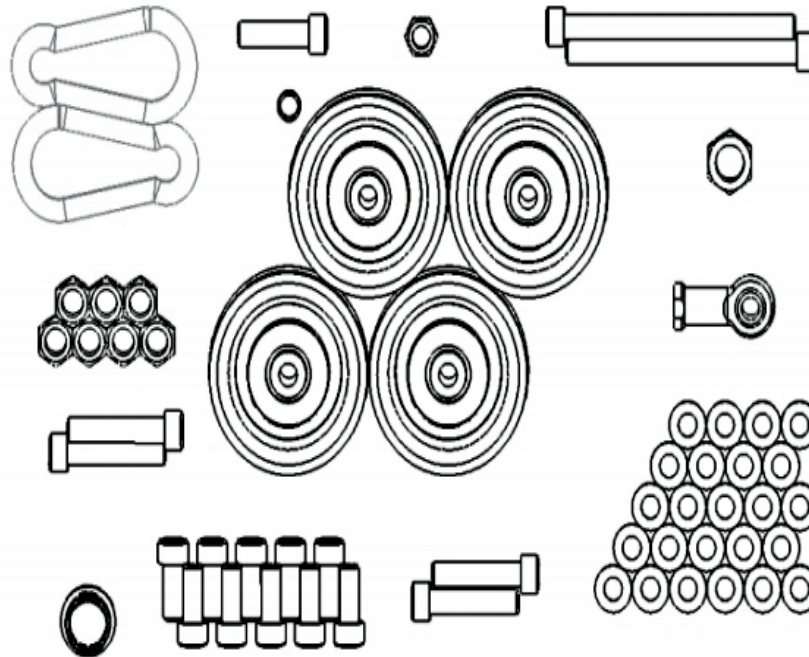


Ref #	Part Number	Qty	Description
1	8890599	1	ASSY, OSBT, BI FRAME -CUS
2	8813699	1	PTD ASSY, STABILIZER, BENDED -CUS
3	8935599	1	ASSY, FOOTPLATE, OSBT -CUS
4	8674699	1	PTD ASSY, FLOATING PULLEY -CUS
5	1001824-0001	1	ASSY, STRAIGHT BAR, REV
6	8890999	1	WLDMT, OSBT, TRI FRAME -CUS
7	8505602	1	Assembly, OS Head Plate, 8 Plate
8	8978401	1	ASSY, OSBT, CABLE, TRICEP
9	8978601	1	ASSY, CABLE, OSBT, BICEP
10	8506101	1	Assembly, Selector Pin
11	6851501	1	Rope Tricep
12	8867401	2	PLATE, SHIM, OSLR
13	8766216	1	LABEL, OSBT, PLACARD
14	3250201	2	Snap Link 3/8" D
15	3245701	4	Pulley 3.5" OD
16	3237901	1	Rod End Metric Female
17	7489402	1	Bushing
18	LEA3251702	10	Screw; M10 X1.5 25MM
19	3251705	1	Hardware: Screw 40MM
20	3251707	2	Hardware: Screw 50MM
21	3251708	2	Hardware: Screw 55MM
22	3236220	2	Hardware: Screw 130MM

Ref #	Part Number	Qty	Description
23	3102514	23	Hardware: Flat Washer 3/8" ID
24	3236901	1	Hardware: Nut Hex Jam 10 MM
25	3236902	1	Hardware: Nut 16 MM ID
26	LEA3242002	7	Hardware: Hex Nut 10MM D
27	3237403	1	Plug 1" Hole
28	7353801	8	Weight Plate 15 LB
29	8766318	1	LABEL, OSBT, TRICEP PUSHDOWN, MULIT LANG SHEET

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

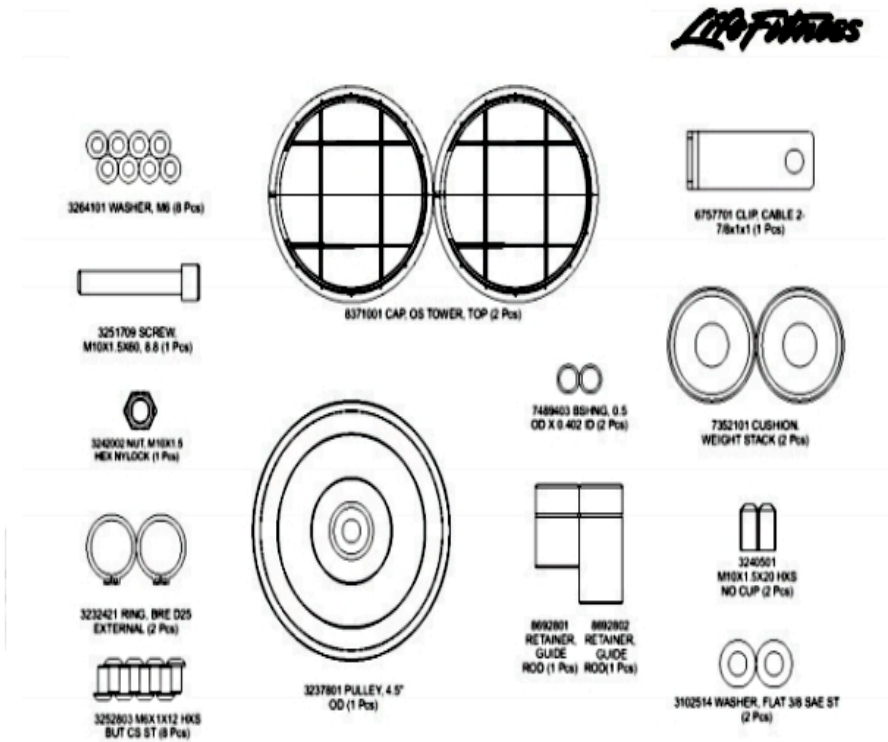
Hardware Bag 1



Ref #	Part Number	Qty	Description
-	3237403	1	Plug 1" Hole
-	3102514	23	Hardware: Flat Washer 3/8" ID
-	LEA3251702	10	Screw; M10 X1.5 25MM
-	3245701	4	Pulley 3.5" OD
-	3251707	2	Hardware: Screw 50MM
-	OSBT-HDWR-B	1	ASSY, OSBT, BLISTER KIT
-	LEA3242002	7	Hardware: Hex Nut 10MM D
-	3236902	1	Hardware: Nut 16 MM ID
-	7489402	1	Bushing
-	3236220	2	Hardware: Screw 130MM
-	3236901	1	Hardware: Nut Hex Jam 10 MM
-	3250201	2	Snap Link 3/8" D
-	3251705	1	Hardware: Screw 40MM
-	3237901	1	Rod End Metric Female
-	3251708	2	Hardware: Screw 55MM

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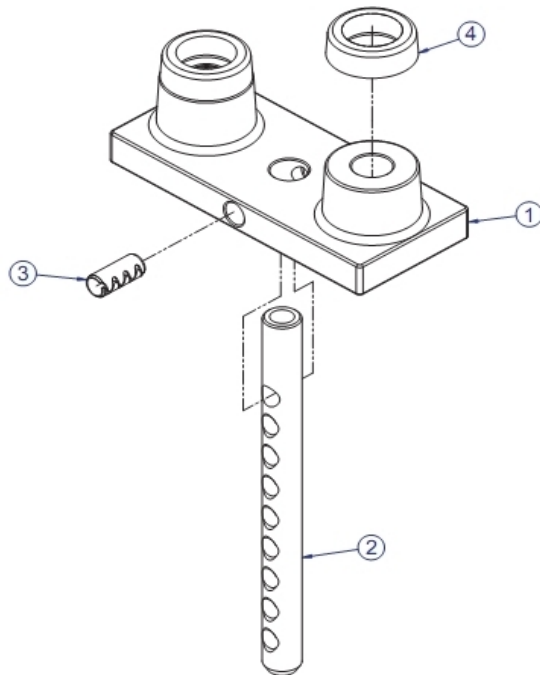
Hardware Bag 2



Ref #	Part Number	Qty	Description
-	8593801	1	Bearing, Flange Ribbed
-	3240501	2	Set Screw
-	7489403	2	Bushing, .500 OD X .402 ID X .272
-	3251709	1	Hardware: Screw 60MM
-	8371001	2	Cap, OS Tower, Top
-	3102514	2	Hardware: Flat Washer 3/8" ID
-	3232421	2	Reatining Ring 0.940" D
-	3264101	8	Hardware: Washer
-	8692802	1	Retainer, Guiderod, Long
-	OSBTTWR-HDWR-A	1	ASSY, OSBT TOWER BLISTER PACK
-	7352101	2	Cushion Weight Stack
-	3237801	1	Pulley 4.5" OD
-	6757701	1	Cable Clip
-	LEA3242002	1	Hardware: Hex Nut 10MM D
-	3252803	8	M6-1.0 X 12 HXS BUT CS ST ZN

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

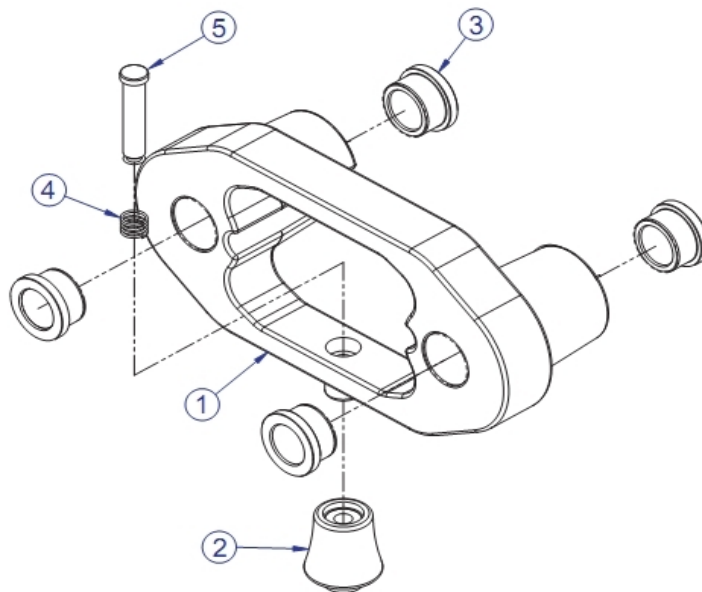
Head Plate Assembly



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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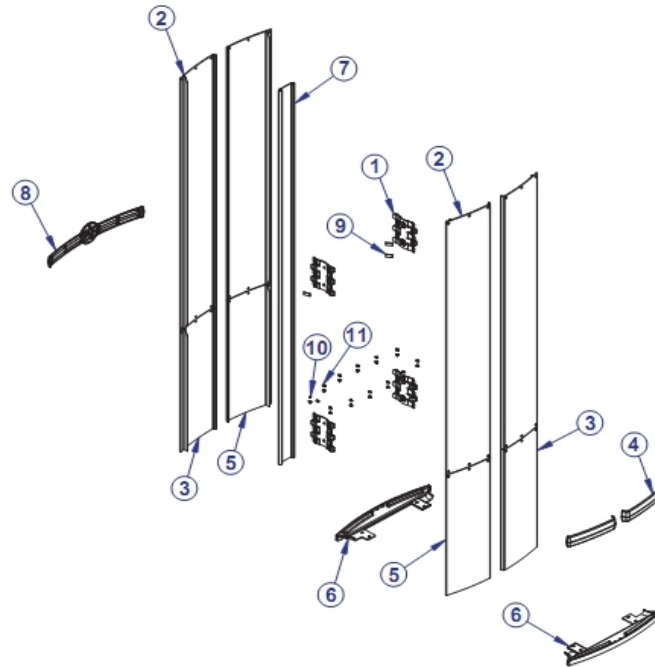
Incremental Weight 7Lb Assembly



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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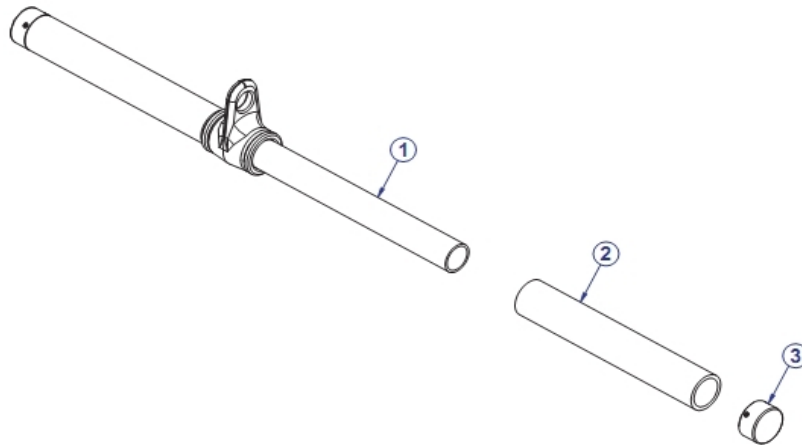
Optional Shrouds



Ref #	Part Number	Qty	Description
1	8371201	4	Clip, OS Tower
2	8370801	4	Shroud, OS Tower
3	8370813	2	Shroud, OSLR Tower, Front Right
4	8532801	2	Belt, OS, Front Shroud
5	8370803	2	Shroud, OSLR Tower, Front Left
6	8371301	2	Cover, OS Tower, Bottom
7	8370903	1	Shroud, OSLR Tower, Center
8	8532901	1	Belt, OS, Rear Shroud
9	8682601	24	Tape, Non-Skid, Clear
10	3265301	24	Washer, M4
11	3226006	24	6-20 X 5 PHL PAN PLT ST BZ

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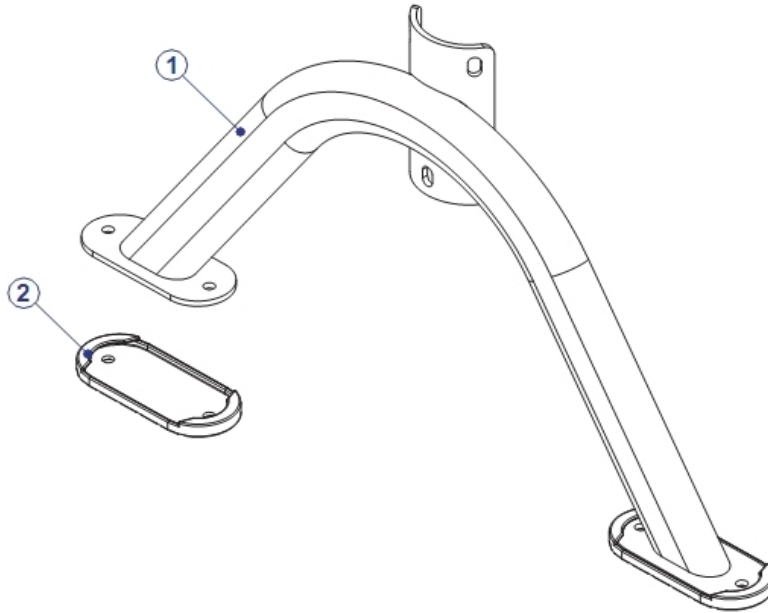
Row Bar Assembly



Ref #	Part Number	Qty	Description
2	3235801	2	Grip - 1.25" OD
3	7662901	2	Grip Cap
5	1001824-0001	1	ASSY, STRAIGHT BAR, REV

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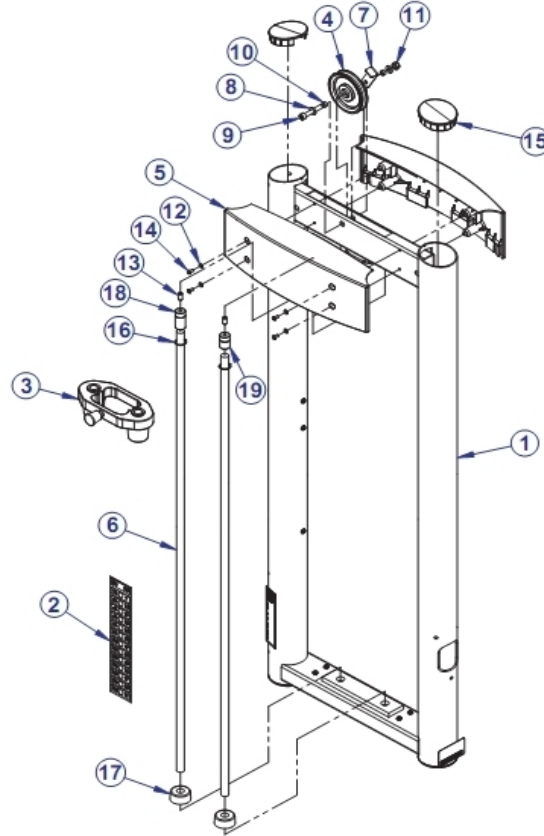
Stabilizer Assembly



Ref #	Part Number	Qty	Description
1	8813699	1	PTD ASSY, STABILIZER, BENDED -CUS
2	8474501	2	Foot, Optima

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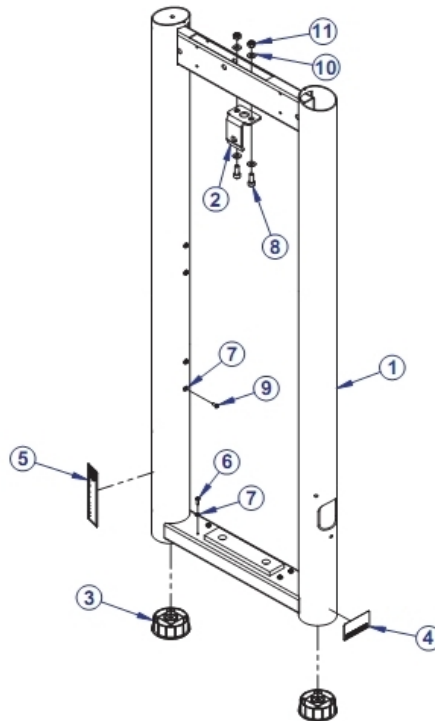
Tower Assembly



Ref #	Part Number	Qty	Description
1	8993599	1	ASSY, OSBT TOWER -CUS
2	8769601	1	Label, Weight Stack, 13 Plate
3	8504301	1	Assembly, Increment Weight, 7 LB
4	3237801	1	Pulley 4.5" OD
5	8370701	2	Cover, OS Tower, Top
6	7328618	2	Guide Rod .75 OD Solid X 71.50
7	6757701	1	Cable Clip
8	3102514	2	Hardware: Flat Washer 3/8" ID
9	3251709	1	Hardware: Screw 60MM
10	7489403	2	Bushing, .500 OD X .402 ID X .272
11	LEA3242002	1	Hardware: Hex Nut 10MM D
12	3264101	8	Hardware: Washer
13	3240501	2	Set Screw
14	3252803	8	M6-1.0 X 12 HXS BUT CS ST ZN
15	8371001	2	Cap, OS Tower, Top
16	3232421	2	Retaining Ring 0.940" D
17	7352101	2	Cushion Weight Stack
18	8692802	1	Retainer, Guiderod, Long
19	8692801	1	Retainer, Guide Rod, Short

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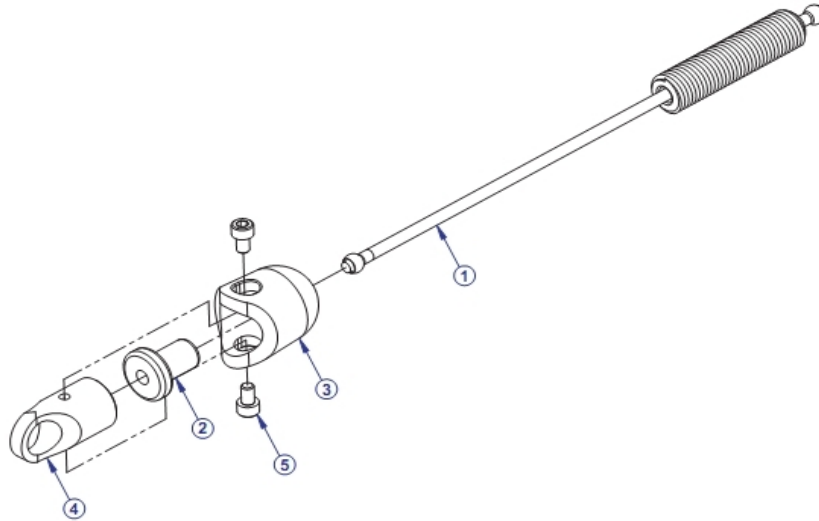
Tower Frame Assembly



Ref #	Part Number	Qty	Description
1	8993599	1	ASSY, OSBT TOWER -CUS
2	8332101	1	Bracket, OS Tower, Increment Weight Striker
3	8423801	2	Foot, OS Tower
4	7571301	1	Label Serial Number
5	8630801	1	Label, ASTM, Select Vertical-Sheet
6	3239103	4	Screw, M5X.8 X 16 PHI PAN TT ST BZ
7	3114407	12	Hardware: Flat Washer
8	LEA3251702	2	Screw; M10 X1.5 25MM
9	LEA3239102	8	Hardware: Screw
10	3102514	4	Hardware: Flat Washer 3/8" ID
11	LEA3242002	2	Hardware: Hex Nut 10MM D

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Tricep Cable Assembly



Ref #	Part Number	Qty	Description
1	8978401	1	ASSY, OSBT, CABLE, TRICEP
2	8943801	1	Insert CM/MJ Cable End
3	8943701	1	Housing CM/MJ Cable End
4	8943601	1	Link CM/MJ Cable End
5	3250002	2	M5 X 0.8 X 8 HXS SOC CS ST BZ

** 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)

