

Optima Series - Biceps Curl

OSBC

Parts Manual

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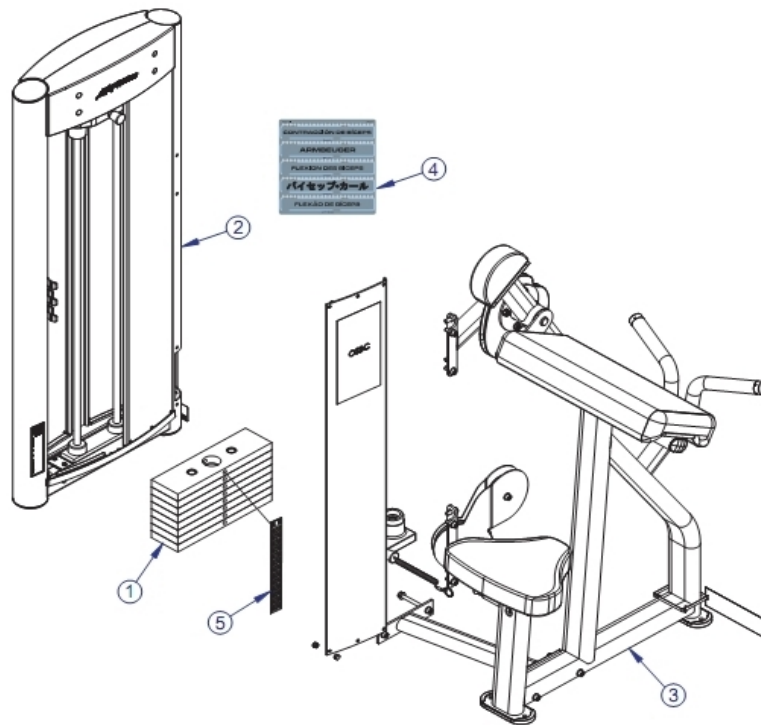


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** Upholstery & Frame Colors are listed at the end of the Parts Manual **

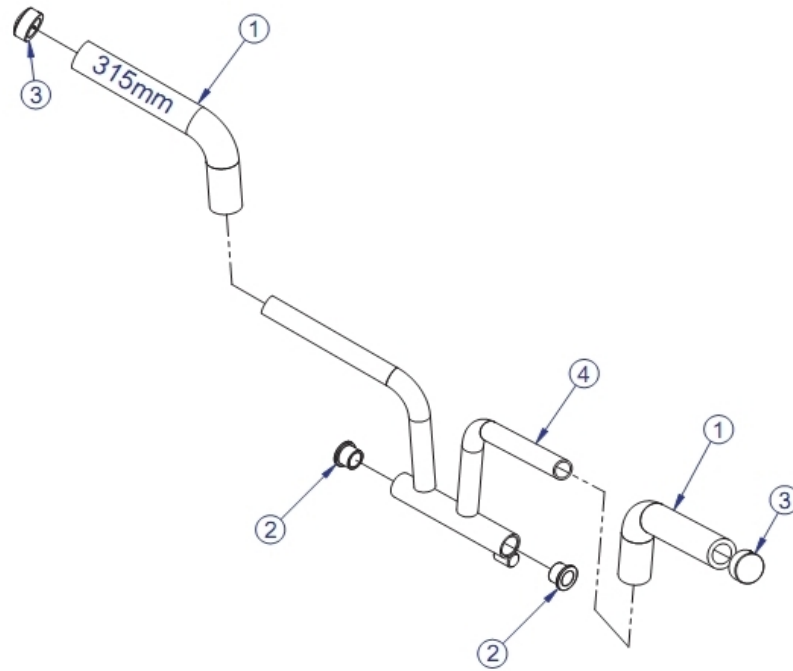
Component Assembly



Ref #	Part Number	Qty	Description
1	7353801	8	Weight Plate 15 LB
2	8403902	1	ASSY, OSTWR, FINAL-PLT
3	8563502	1	PTD ASSY, OSBC FRAME BOX, PLT
4	8766302	1	Label, Osingle Board Controller, Multi Lang Sheet
5	8769601	1	Label, Weight Stack, 13 Plate

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Handle Assembly



Ref #	Part Number	Qty	Description
1	3235802	2	Grip 1.5" OD
2	3266602	2	Bearing, Flange, 19MM ID
3	7662902	2	Grip Cap
4	8698902	1	Weldment, Handle, Osingle Board Controller, Plate

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Hardware Bag 1

OSBC HARDWARE BAG: OSBC-HDWR



ASSY, OSBC, HARDWARE

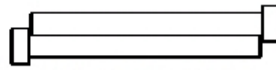
NEW 03



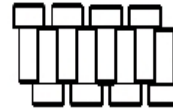
327001 WASHER, FLAT
METRIC 30x10.5x2.5 (1Pcs)



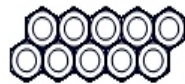
7330011 SPACER,
INTERNAL X0.425 (1Pcs)



3251719 SCREW, M10X1.5X120 (2Pcs)



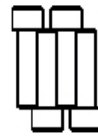
3251702 SCREW, M10X1.5X25 (17Pcs)



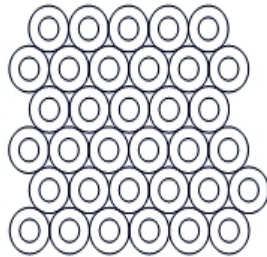
3242002 NUT, M10X1.5 HEX NYLOCK (10Pcs)



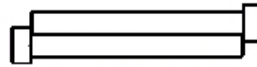
3257209 M10 X 45 FLAT
HEAD SOCKET (4Pcs)



3251704 SCREW,
M10X1.5X35 (4Pcs)



3102514 WASHER, FLAT 3/8 SAE ST (34Pcs)



3251718 M10X1.5X110 HXS SOC CS (2Pcs)



8502601 PLATE, CABLE
RETAINER (1Pcs)



7330013 SPACER,
INTERNAL, X1.406 (1Pcs)



3103301 SHAFT COLLAR,
3/4" ID ZINC (1Pcs)



3239101 SCREW, M5 X
1.5 X10 PHL (2Pcs)



3236902 NUT, HEX
JAM M16X2 SS (1Pcs)



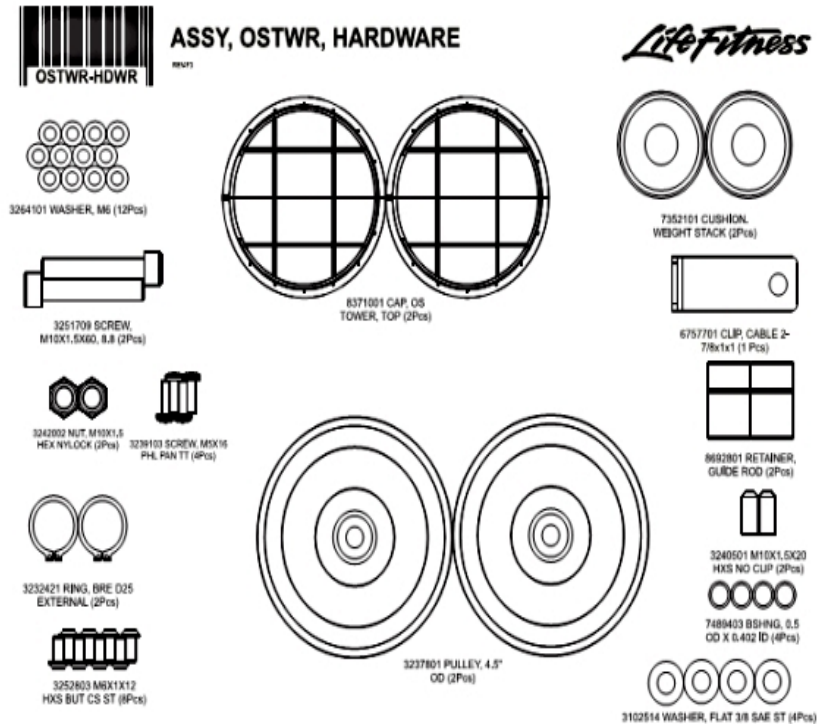
3237402 PLUG, 1/2"
HOLE (2Pcs)

Ref #	Part Number	Qty	Description
-	8506101	1	Assembly, Selector Pin
-	OSBC-HDWR	1	Assembly, Osingle Board Controller Hardware Bag
-	8007001	1	Pad, Elbow 24 X 11 Black
-	8626101	1	MANUAL, OSBC, ASSY INST
-	8531604	1	Cable, Osingle Board Controller, Tower
-	7330006	1	Spacer Internal X 1.765
-	8505602	1	Assembly, OS Head Plate, 8 Plate
-	8008801	1	Counter Weight Semi Round
-	8529701	1	Cam, Osingle Board Controller
-	8472201	1	Pad, Saddle, Flat Black
-	3235601	2	Ball Bearing
-	8766302	1	Label, Osingle Board Controller, Multi Lang Sheet
-	8592401	1	Assembly, Seat
-	8548609	1	Assembly, Osingle Board Controller Front Shroud
-	8670001	1	NLA: MANUAL, OS, OWNERS

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

Hardware Bag 2

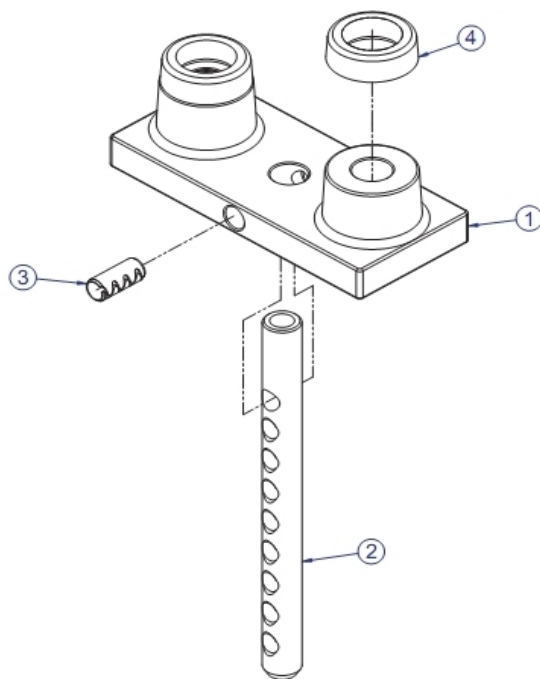
TOWER HARDWARE BAG: OSTWR-HDWR



Ref #	Part Number	Qty	Description
-	8504301	1	Assembly, Increment Weight, 7 LB
-	8370901	1	Shroud, OS Tower, Center, Standard
-	7328621	2	Guide Rod, .75 OD Solid X 48.60
-	OSTWR-HDWR-G	1	ASSY, OSTWR, BLISTER PACK
-	8371301	2	Cover, OS Tower, Bottom
-	OSBC-KIT	1	Hardware: Assembly, Osingle Board Controller Compo
-	8370801	3	Shroud, OS Tower
-	8769601	1	Label, Weight Stack, 13 Plate
-	8370701	2	Cover, OS Tower, Top
-	OSTWR-KIT	1	Hardware: Assembly, OSTWR, Component Kit

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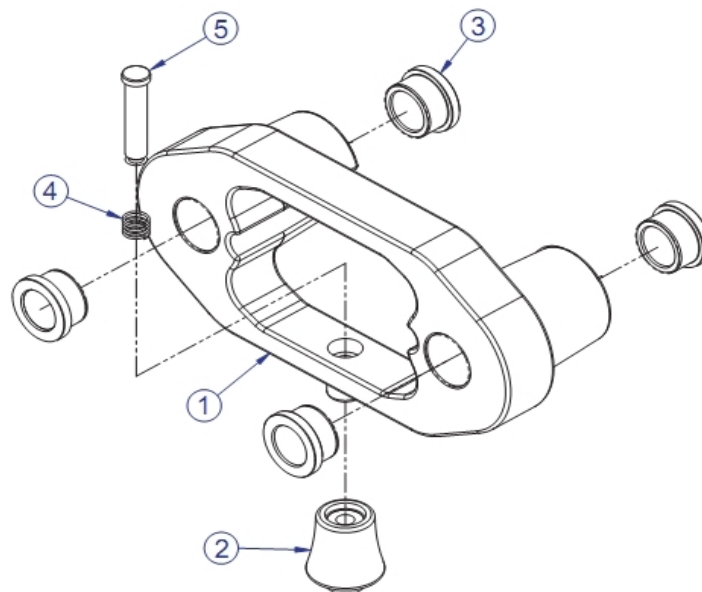
Head Plate Assembly



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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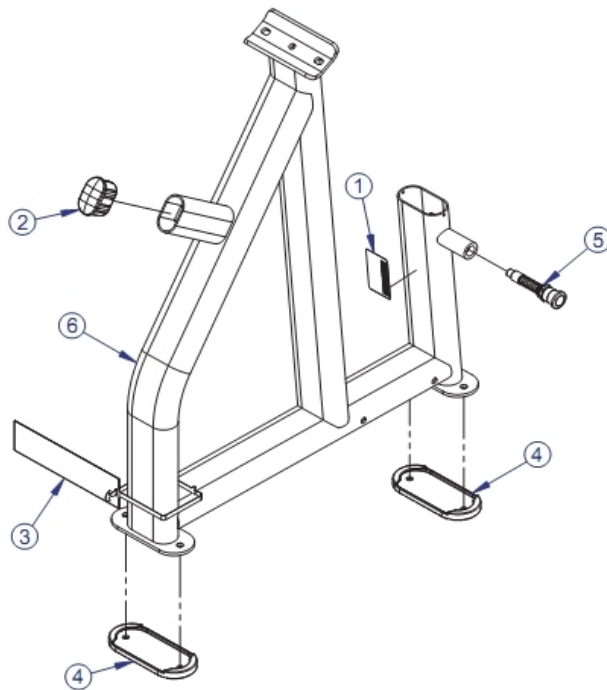
Incremental Weight Assembly



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

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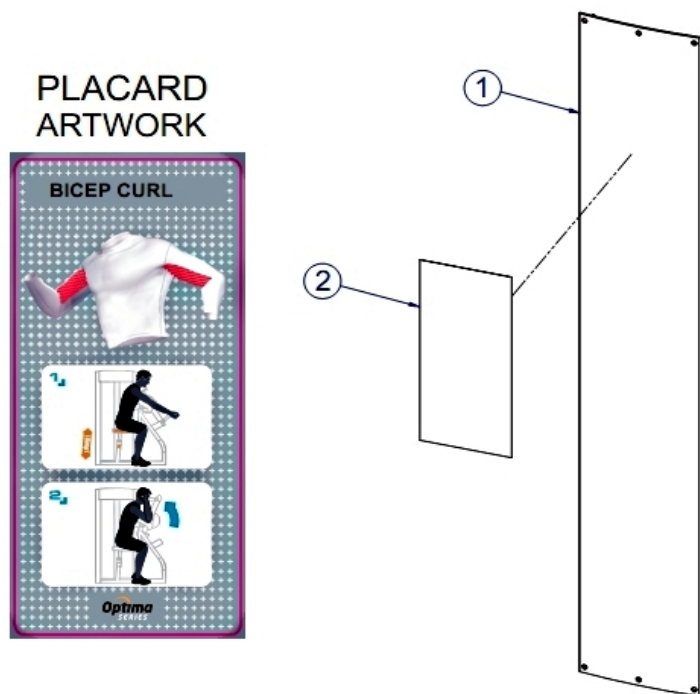
Main Frame Assembly



Ref #	Part Number	Qty	Description
1	7571301	1	Label Serial Number
2	7800501	1	Small Cap
3	8343101	1	Tag - Bolt To Floor
4	8474501	2	Foot, Optima
5	8544201	1	Assembly, OS, Spring Pin
6	8566702	1	Weldment, Main Frame, Osingle Board Controller, Plate

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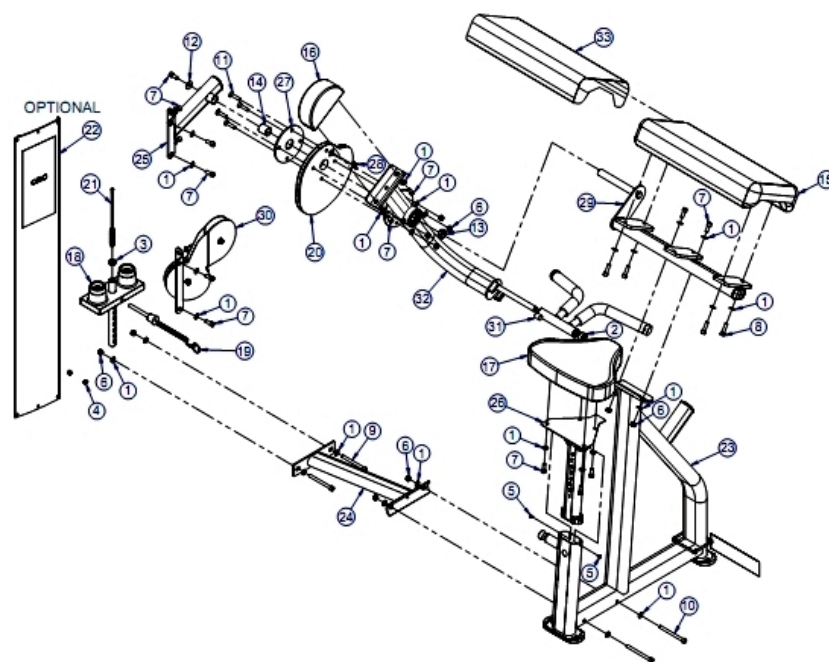
Optional Front Shroud Assembly



Ref #	Part Number	Qty	Description
1	8370801	1	Shroud, OS Tower
2	8766202	1	Label, Osingle Board Controller, Placard

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OSBC Frame Box

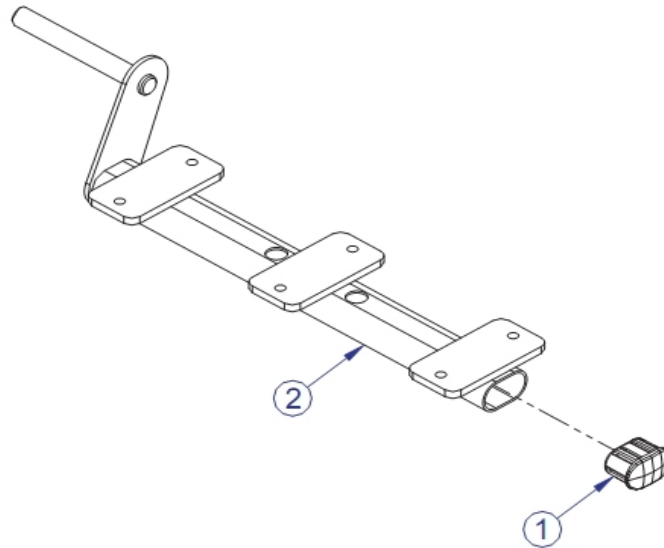


Ref #	Part Number	Qty	Description
1	3102514	34	Hardware: Flat Washer 3/8" ID
2	3103301	1	Shaft Collar 3/4" ID Zinc
3	3236902	1	Hardware: Nut 16 MM ID
4	3237402	2	Plug 1/2" Hole
5	3239101	2	Hardware: Phillips Pan Screw
6	LEA3242002	10	Hardware: Hex Nut 10MM D
7	LEA3251702	17	Screw; M10 X1.5 25MM
8	3251704	4	Hardware: Screw 35MM
9	3251718	2	M10 X 1.5 X 110 HXS SOC CS ST ZN
10	3251719	2	Hardware: Screw 120MM
11	3257209	4	M10 X 1.5 45MM FLT HD
12	3270001	1	WASHER, FLAT, METRIC 30 X 10.5 X 2.5, SS
13	7330011	1	Spacer, Internal X .425
14	7330013	1	Spacer, Internal X 1.406
15	8007099	1	Pad, Elbow 24 X 11 Custom
16	8008801	1	Counter Weight Semi Round
17	8472299	1	Pad, Saddle, Flat Custom
18	8505602	1	Assembly, OS Head Plate, 8 Plate
19	8506101	1	Assembly, Selector Pin
20	8529701	1	Cam, Osingle Board Controller
21	8531604	1	Cable, Osingle Board Controller, Tower
22	8548609	1	Assembly, Osingle Board Controller Front Shroud

Ref #	Part Number	Qty	Description
23	8566602	1	Painted Assembly, Main Frame, Osingl Board Contro
24	8567102	1	Weldment, Cross Brace, Plate
25	8576902	1	Painted Assembly, Pivot Support, Plate
26	8592401	1	Assembly, Seat
27	8592502	1	Plate, Cam, Plate
28	8592601	1	Plate, Cable Retainer
29	8625202	1	Painted Assembly, Pad Mount, Osingl Board Control
30	8664802	1	Painted Assembly, Pulley Bracket - Plate
31	8699202	1	Painted Assembly, Handle, Osingl Board Controller
32	8701202	1	Painted Assembly, Work Arm
33	8027999	1	Wear Cover, Elbow Pad 24 X 11 Custom

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

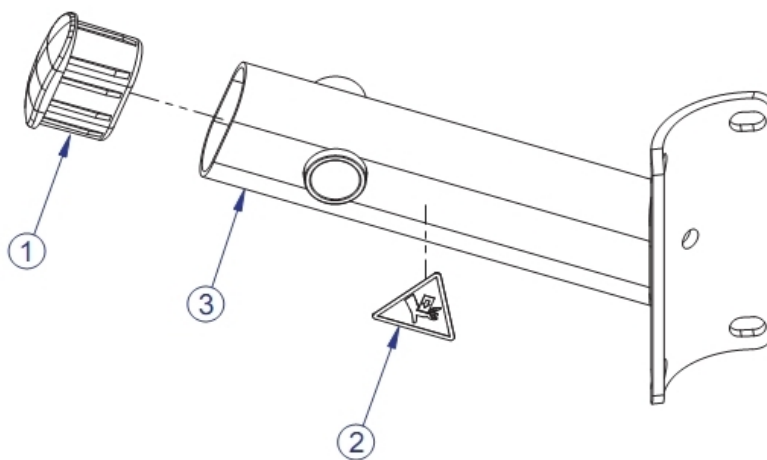
Pad Mount Assembly



Ref #	Part Number	Qty	Description
1	7800501	1	Small Cap
2	8567402	1	Weldment, Pad Mount, Plate

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Pivot Support Assembly



Ref #	Part Number	Qty	Description
1	7800501	1	Small Cap
2	8039501	1	Label Warning Triangle 10-0099-067 BNR
3	8567502	1	Weldment, Pivot Support, Plate

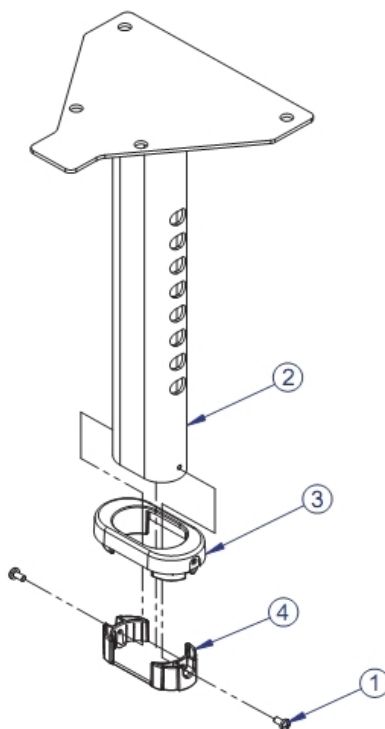
** Upholstery and Frame Colors are list at the end of the Parts Manual **

Pulley Bracket Assembly

Ref #	Part Number	Qty	Description
1	3102514	4	Hardware: Flat Washer 3/8" ID
2	3237801	1	Pulley 4.5" OD
3	3239601	1	Pulley - 6"
4	LEA3242002	2	Hardware: Hex Nut 10MM D
5	3251707	2	Hardware: Screw 50MM
6	8664702	1	Weldment, Pulley Mount - Plate

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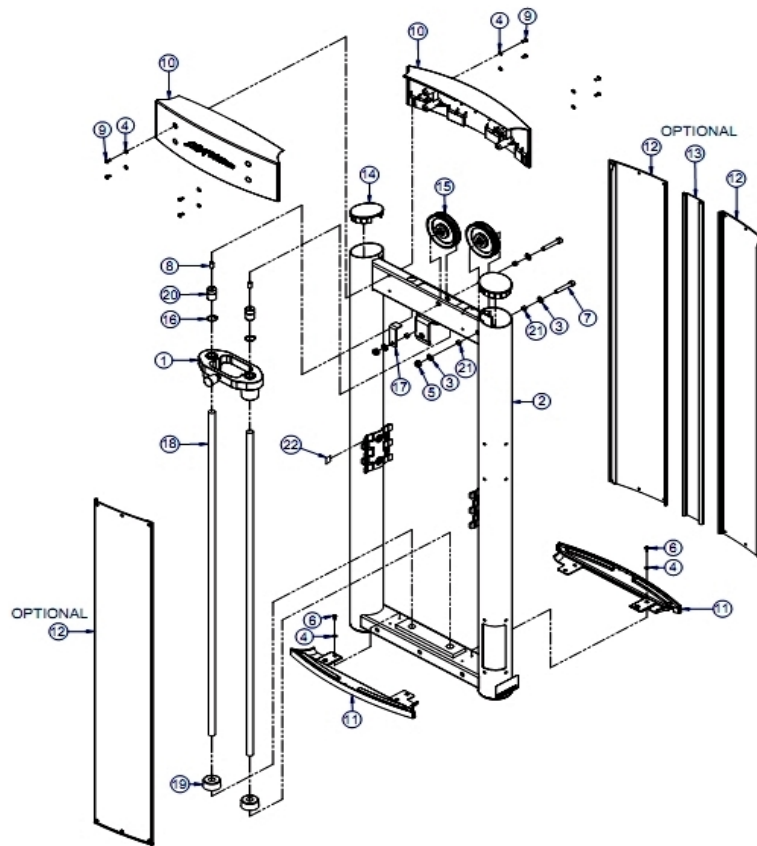
Seat Assembly



Ref #	Part Number	Qty	Description
1	3239101	2	Hardware: Phillips Pan Screw
2	8580901	1	Weldment, Seat Post
3	8624101	1	Bushing, Seat Glide Ext.
4	8624201	1	Bushing, Seat Glide INT.

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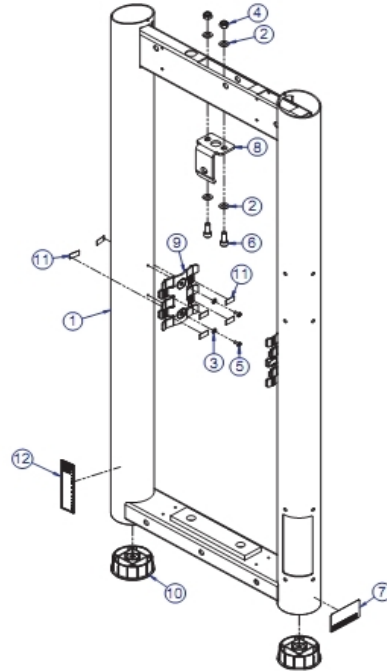
Tower Assembly



Ref #	Part Number	Qty	Description
1	8504301	1	Assembly, Increment Weight, 7 LB
2	8674402	1	Assembly, OSTWR-Plate
3	3102514	4	Hardware: Flat Washer 3/8" ID
4	3264101	12	Hardware: Washer
5	LEA3242002	2	Hardware: Hex Nut 10MM D
6	3239103	4	Screw, M5X.8 X 16 PHI PAN TT ST BZ
7	3251709	2	Hardware: Screw 60MM
8	3240501	2	Set Screw
9	3252803	8	M6-1.0 X 12 HXS BUT CS ST ZN
10	8370701	2	Cover, OS Tower, Top
11	8371301	2	Cover, OS Tower, Bottom
12	8370801	3	Shroud, OS Tower
13	8370901	1	Shroud, OS Tower, Center, Standard
14	8371001	2	Cap, OS Tower, Top
15	3237801	2	Pulley 4.5" OD
16	3232421	2	Retaining Ring 0.940" D
17	6757701	1	Cable Clip
18	7328621	2	Guide Rod, .75 OD Solid X 48.60
19	7352101	2	Cushion Weight Stack
20	7402301	2	Retainer Guide Rod
21	7489403	4	Bushing, .500 OD X .402 ID X .272
22	8682601	12	Tape, Non-Skid, Clear

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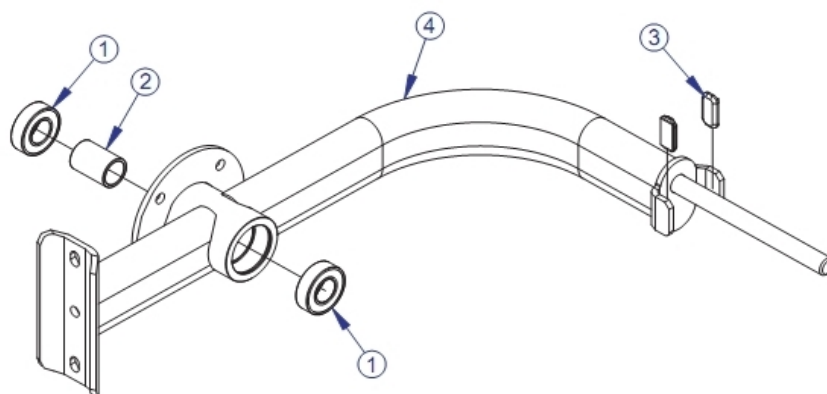
Tower Frame Assembly



Ref #	Part Number	Qty	Description
1	8404002	1	Weldment, OS Tower Plate
2	3102514	4	Hardware: Flat Washer 3/8" ID
3	3264101	4	Hardware: Washer
4	LEA3242002	2	Hardware: Hex Nut 10MM D
5	LEA3239102	4	Hardware: Screw
6	LEA3251702	2	Screw, M10 X1.5 25MM
7	7571301	1	Label Serial Number
8	8332101	1	Bracket, OS Tower, Increment Weight Striker
9	8371201	2	Clip, OS Tower
10	8423801	2	Foot, OS Tower
11	8682601	12	Tape, Non-Skid, Clear
12	8630801	1	Label, ASTM, Select Vertical-Sheet

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Work Arm Assembly



Ref #	Part Number	Qty	Description
1	3235601	2	Ball Bearing
2	7330006	1	Spacer Internal X 1.765
3	7570801	2	Guard Paint 1.25 X .75 X .25
4	8699102	1	WLDMT, WORK ARM, PLT

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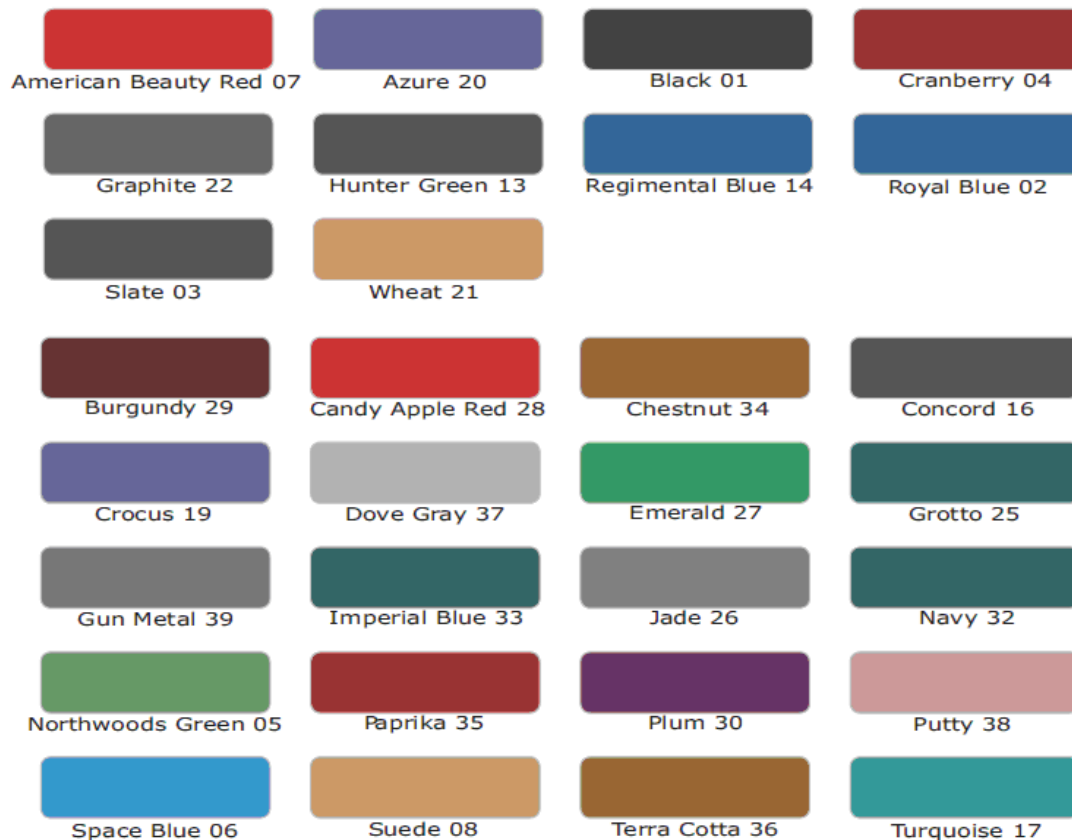
Frame and Upholstery Color Chart

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)

