

OPTIMA SERIES LAT PULL DOWN

OP-PD

Parts Manual

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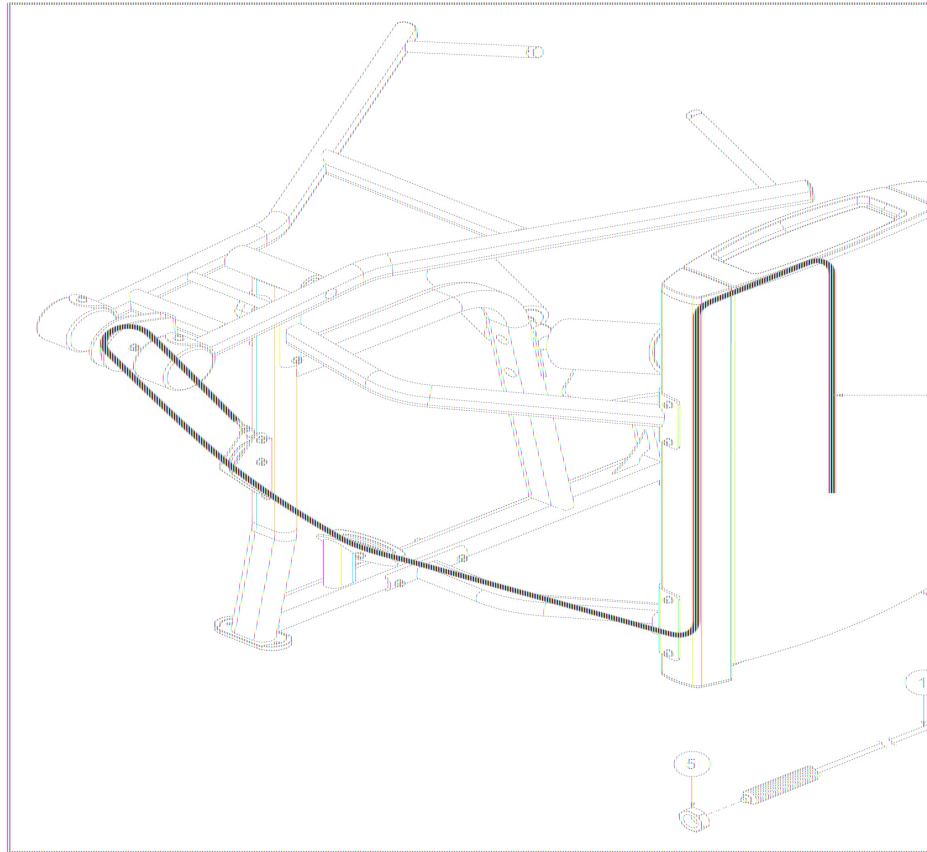
OP-PD - OPTIMA SERIES LAT PULL DOWN

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

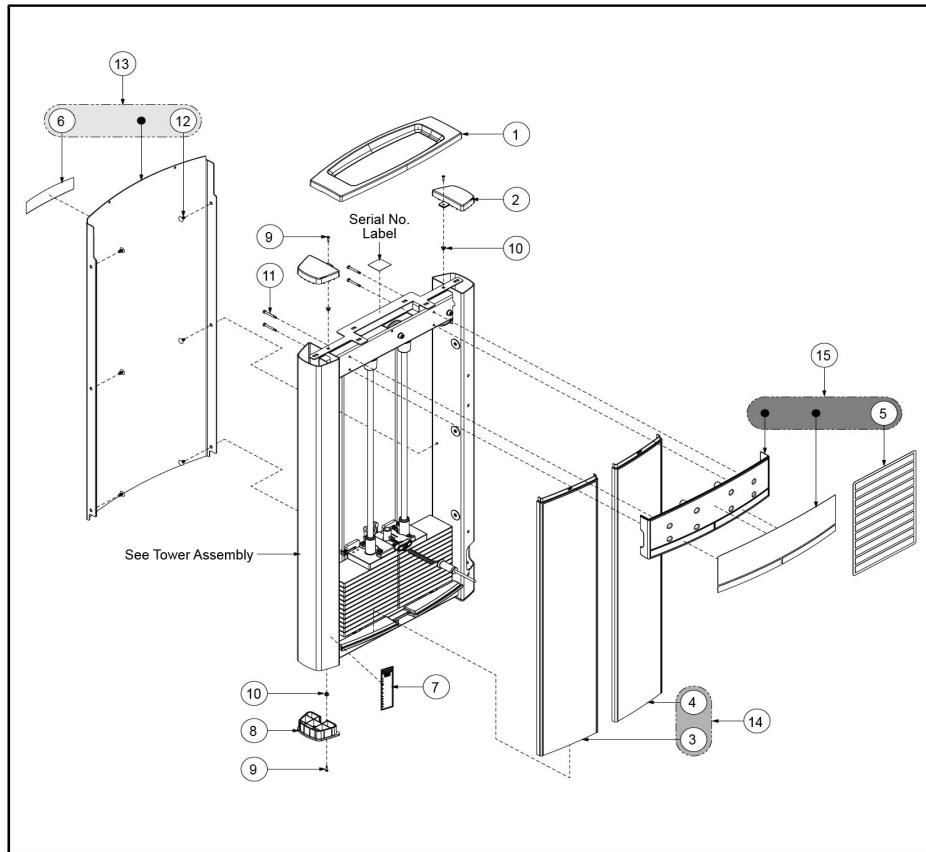
OP-PD Cable Assembly



Ref #	Part Number	Qty	Description
1	1012382-0005	1	CABLE ASSY: OP-PD, TOWER
2	3237901	1	ROD END, METRIC FEMALE
3	7489402	2	BSHNG,.500 OD X .402 ID X .235
4	3236901	1	NUT, HEX JAM M10 X 1.5 SS
5	3236902	1	NUT, HEX JAM M16 X 2 SS

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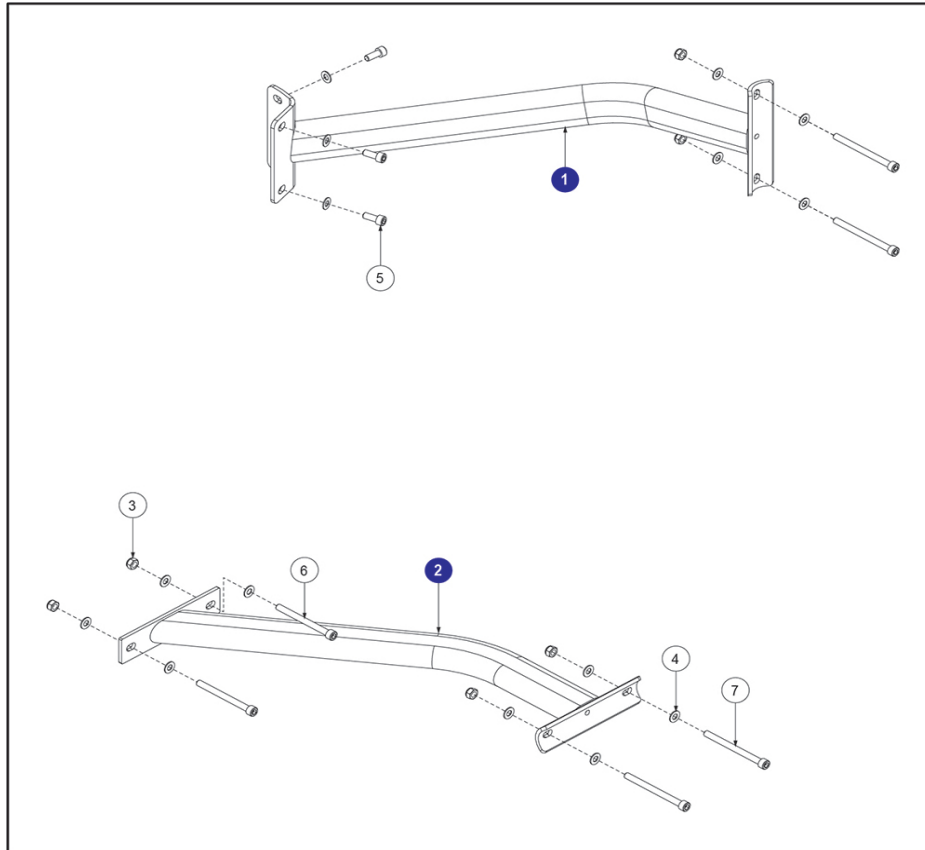
OP-PD Cap and Shroud Assembly



Ref #	Part Number	Qty	Description
1	1012165-0001	1	CAP: TOP, TWR, OP
2	1011749-0001	1	CAP: TRAP TUBE
3	1011830-0001	1	SHROUD: FRONT, TWR, OP, LH, SHORT
4	1011830-0002	1	SHROUD: FRONT, TWR, OP, RH, SHORT
5	1013544-0015	1	DECAL: SHEET, MULTI-LINGUAL, OP-PD
6	1008491-0001	1	LABEL, LIFE FITNESS, 16IN
7	8630801	1	LABEL, ASTM, SELECT VERT-SHEET
8	9412701	2	ASSY, TRAP TUBE, CAP -BTM
9	3275801	4	SCREW, 8 X 3/4 DIN PHL PAN AB ST ZB
10	0017-00042-1147	4	GROMMET: SCREW, 8 OR 10
11	1012381-0006	4	SCREW: M6-1, HCS, 55MM
12	1006620-0001	8	RETAINER: PANEL, 9/32 X 1/2 NYL
13	1014559-0001	1	KIT: SHROUD, REAR, OP, STD
13	1014559-9001	1	KIT: SHROUD, REAR, OP, PLNT
14	1012950-0001	1	KIT: SHROUD, FRONT, OP, SHORT
14	1012950-9001	1	KIT: SHROUD, FRONT, OP, SHORT, PF
15	1014549-0015	1	KIT: CAP, FRONT, OP-PD

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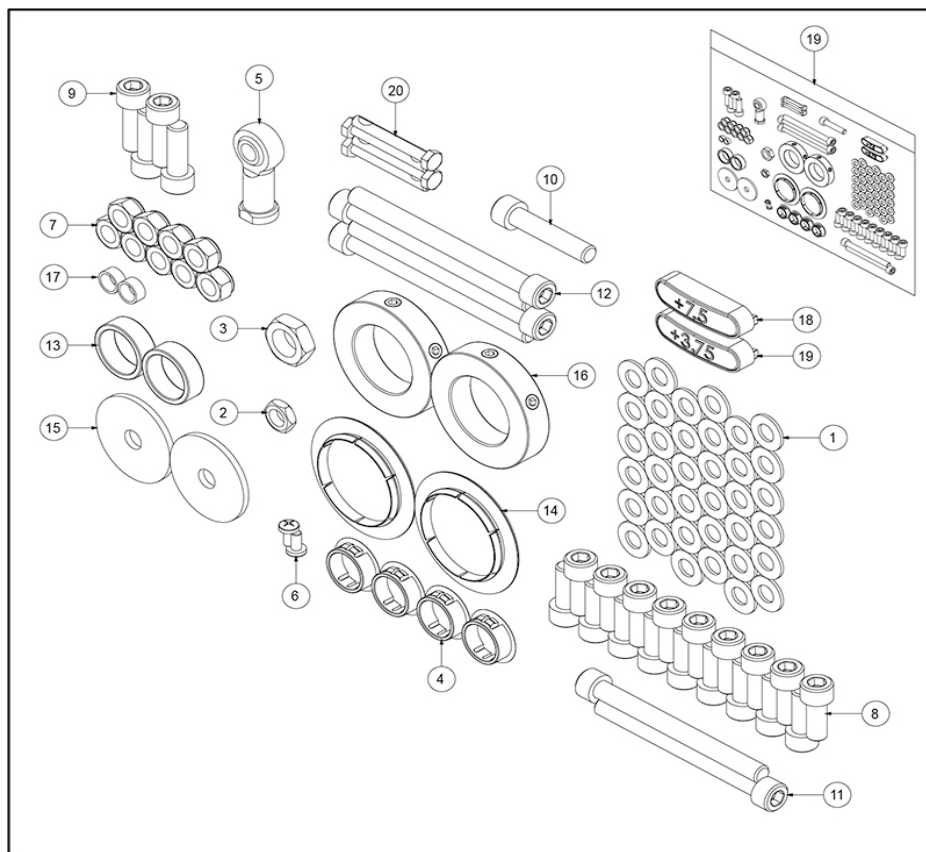
OP-PD Cross Braces



Ref #	Part Number	Qty	Description
1	1012659-0099	1	WLDMT: OPPD, BACK X-MEM- Custom
2	1011937-0099	1	WELDMENT: OPSP/OPPD, BOTTOM X-MEM- Custom
3	LEA3242002	4	Hardware: Hex Nut 10MM D
4	3102514	16	WASHER, FLAT 3/8 IN SAE ST ZN
5	LEA3251702	4	SCREW; M10 X1.5 25MM
6	3251718	2	M10 X 1.5 X 110 HXS SOC CS ST ZN
7	3251719	4	M10 X 1.5 X 120 HXS SOC CS ST ZN

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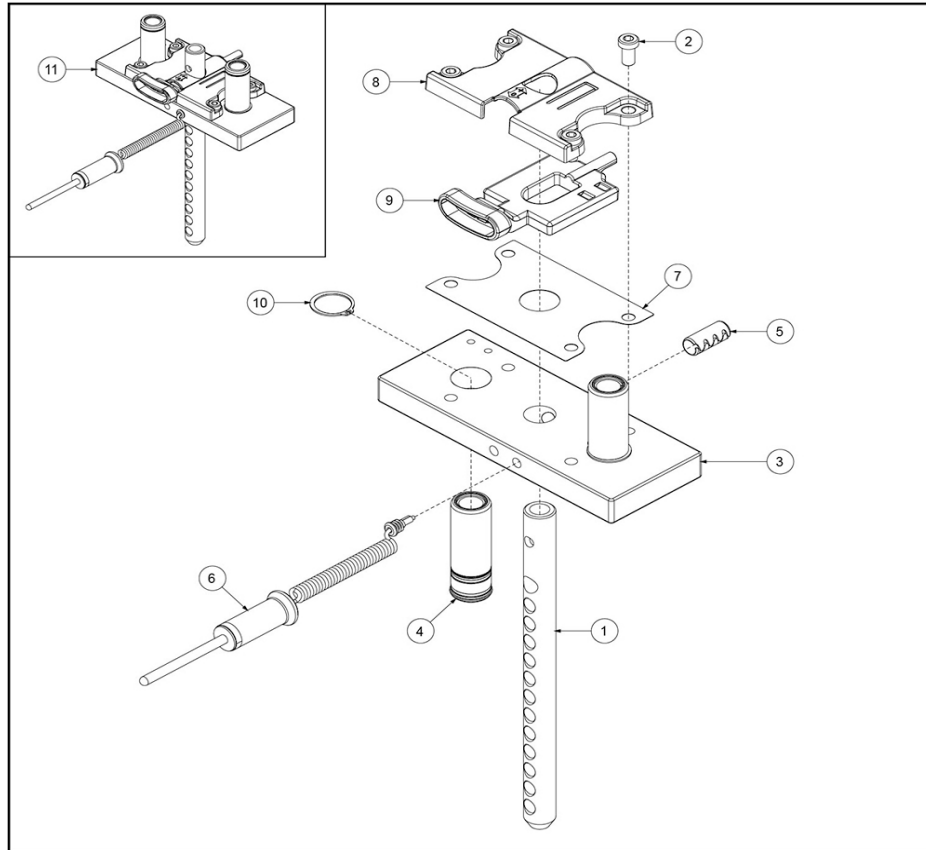
OP-PD Hardware Pack



Ref #	Part Number	Qty	Description
1	3102514	38	WASHER, FLAT 3/8 IN SAE ST ZN
2	3236901	1	NUT, HEX JAM M10 X 1.5 SS
3	3236902	1	NUT, HEX JAM M16 X 2 SS
4	3237407	6	PLUG, 1 IN HOLE
5	3237901	1	ROD END, METRIC FEMALE
6	3239101	2	SCREW, M5 X .8 X 10 PHL PAN TT ST BZ
7	LEA3242002	11	Hardware: Hex Nut 10MM D
8	LEA3251702	18	SCREW; M10 X1.5 25MM
9	3251703	4	M10 X 1.5 30 HXS SOC CS ST ZN
10	3251707	1	M10 X 1.5 X 50 HXS SOC CS ST ZN
11	3251718	2	M10 X 1.5 X 110 HXS SOC CS ST ZN
12	3251719	4	M10 X 1.5 X 120 HXS SOC CS ST ZN
13	7330011	2	SPACER, INTERNAL X .425
14	7308702	2	CAP, BEARING HOUSING
15	7322301	2	PLATE, 1.97 OD X .447 ID 10GA
16	7357901	2	COLLAR, SHAFT 1.53 ID ALUM
17	7489402	2	BSHNG,.500 OD X .402 ID X .235
18	1006750-0001	1	CAP, 7.5 LB INC WEIGHT - LBS
19	1006751-0001	1	CAP: 3.75 KG INC WEIGHT - KG
20	1012381-0006	4	SCREW: M6-1, HCS, 55MM
21	1013206-0001	1	ASSY, OPPD, HARDWARE BAG

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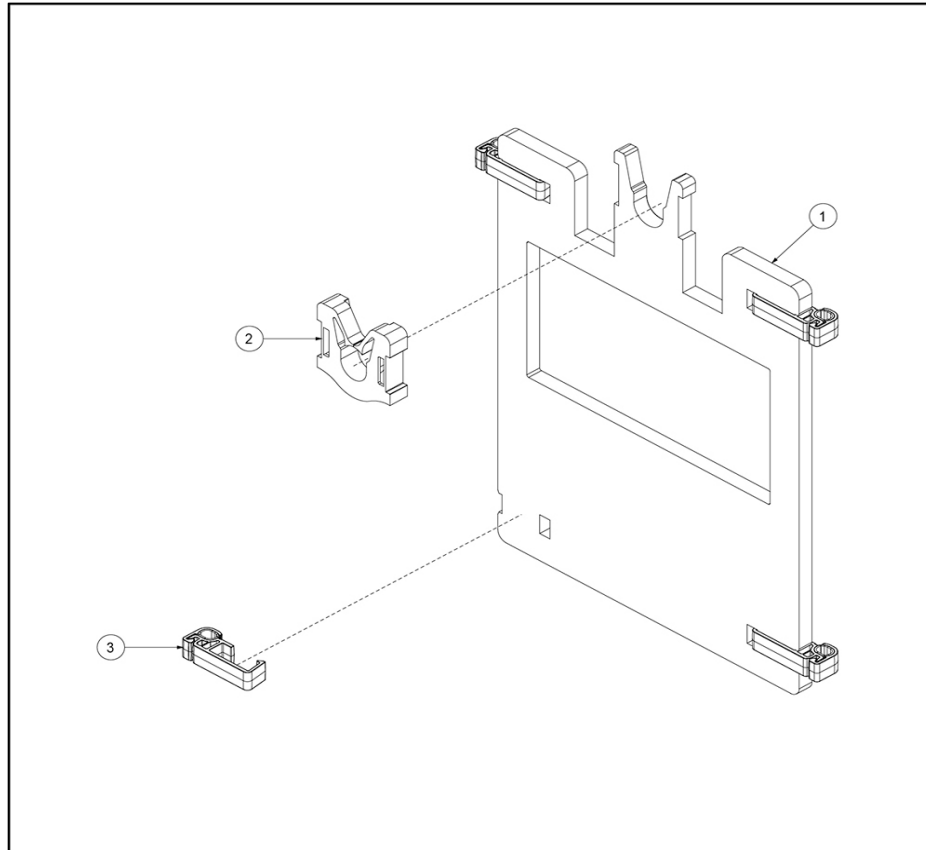
OP-PD Headplate Assembly - 12 Plate



Ref #	Part Number	Qty	Description
1	1011243-0003	1	SHAFT: SELECTOR, 12 PLATE
2	3236201	4	M10 X 1.5 X 20 SHCS, LOW HEAD
3	9427401	1	HEADPLATE, WT. STACK, 10LB
4	1011240-0001	2	BUSHING ASSY: HEADPLATE, LONG, 3/4"
5	3236001	1	BUSHING, SPRING PIN
6	1003679-0003	1	ASSY, WGT STK SEL PIN -YEL
7	1006707-0001	1	DIE CUT: 7.5LB INC WEIGHT, NYLON SHEET, 0.020"
8	1007806-0001	1	HSNG, 7.5LB INC WEIGHT
9	1008675-0001	1	HANDLE: 7.5LB INC WT, PLASTIC
10	1011242-0001	2	RETAINING RING: EXTERNAL, TYPE NA1, 1-1/4"
11	1012947-0003	1	ASSEMBLY: HEADPLATE, OP, 12

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

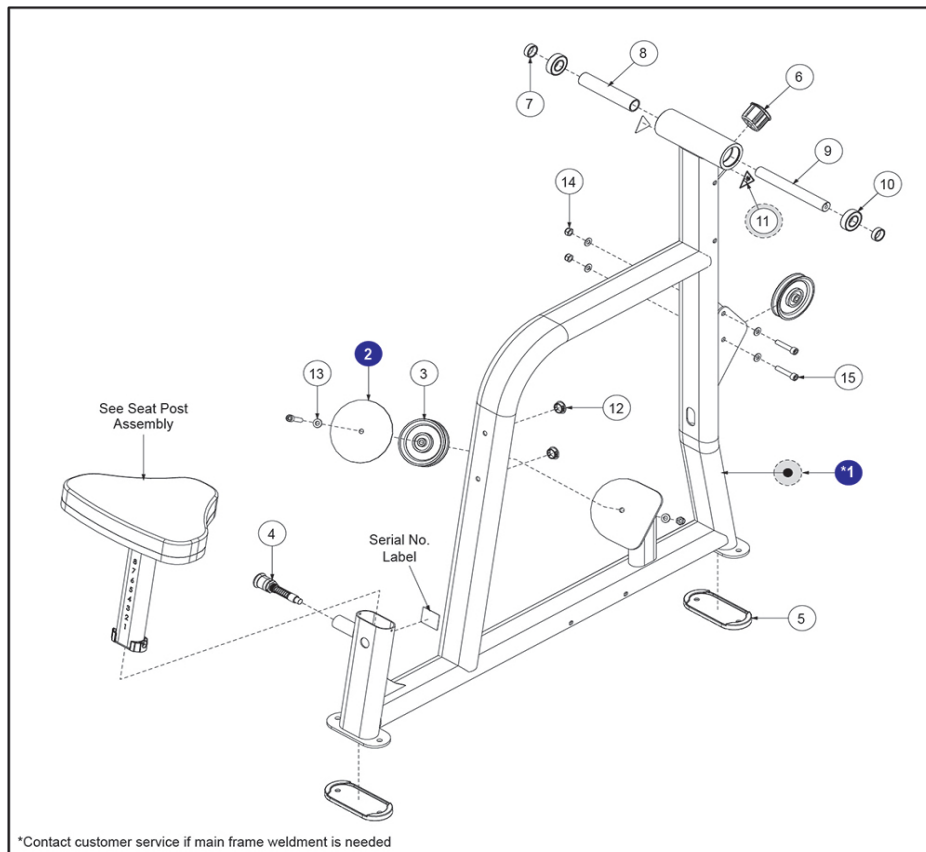
OP-PD Increment Weight Assembly - 12 Plate



Ref #	Part Number	Qty	Description
1	1012315-3028	1	PLATE: INCR. WEIGHT, 7.5LBS, 12 PLATE - CHR
2	1008566-0001	1	GUARD: INCREMENT WEIGHT, 0.375
3	1010805-0001	4	GUIDE ROD ASSY: INCR WT, 3/8", CHARCOAL GRAY

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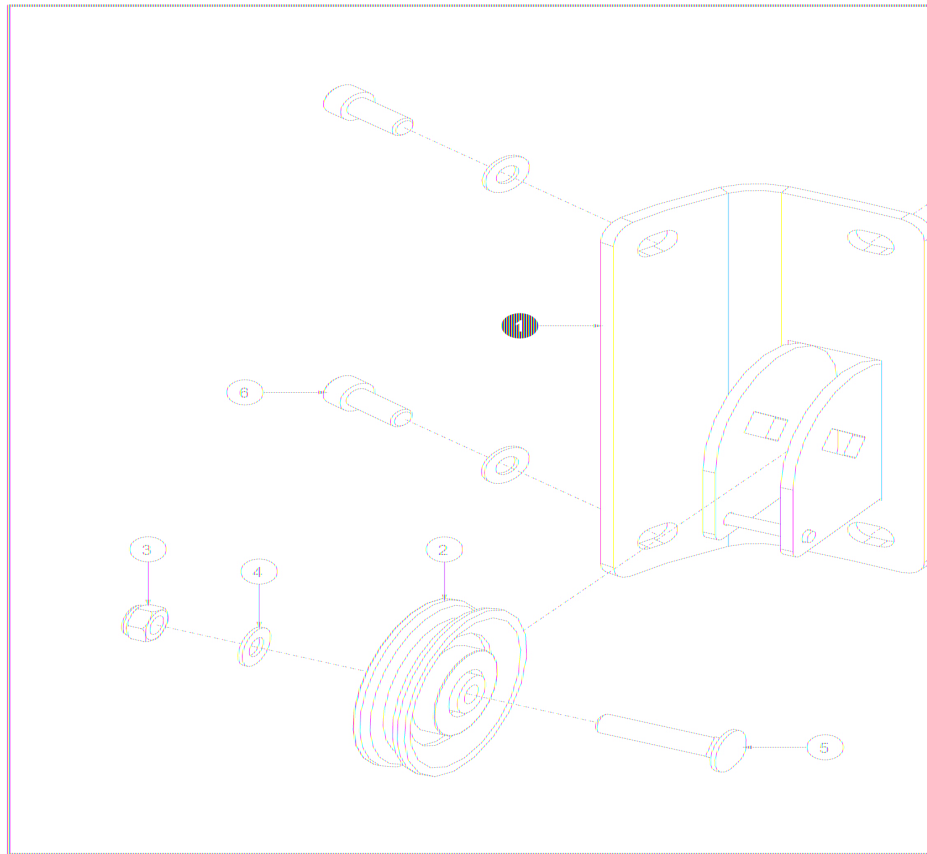
OP-PD Main Frame Assembly



Ref #	Part Number	Qty	Description
1	1014532-0099	1	KIT: OP-PD, SEAT FRAME, PTD- CUS Custom
2	8514599	1	PLATE, OS PULLEY COVER, Custom
3	9319901	2	PULLEY, 3/16 IN CABLE (T2), 4.5 IN OD
4	1012642-0001	1	ASSY, OP, SPRING PIN
5	8474502	2	FOOT, OPTIMA -BLK
6	7800501	1	CAP, SML FLOV END
7	7330011	2	SPACER, INTERNAL X .425
8	7330005	1	SPACER, INTERNAL X 6.265
9	7316504	1	SHAFT, 25MM X 8.250
10	3235601	2	BEARING, 6205 BALL
11	8039501	2	LABEL, WARNING TRIANGLE
12	3237407	2	PLUG, 1 IN HOLE
13	3102514	6	WASHER, FLAT 3/8 IN SAE ST ZN
14	LEA3242002	3	Hardware: Hex Nut 10MM D
15	3251707	3	M10 X 1.5 X 50 HXS SOC CS ST ZN

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

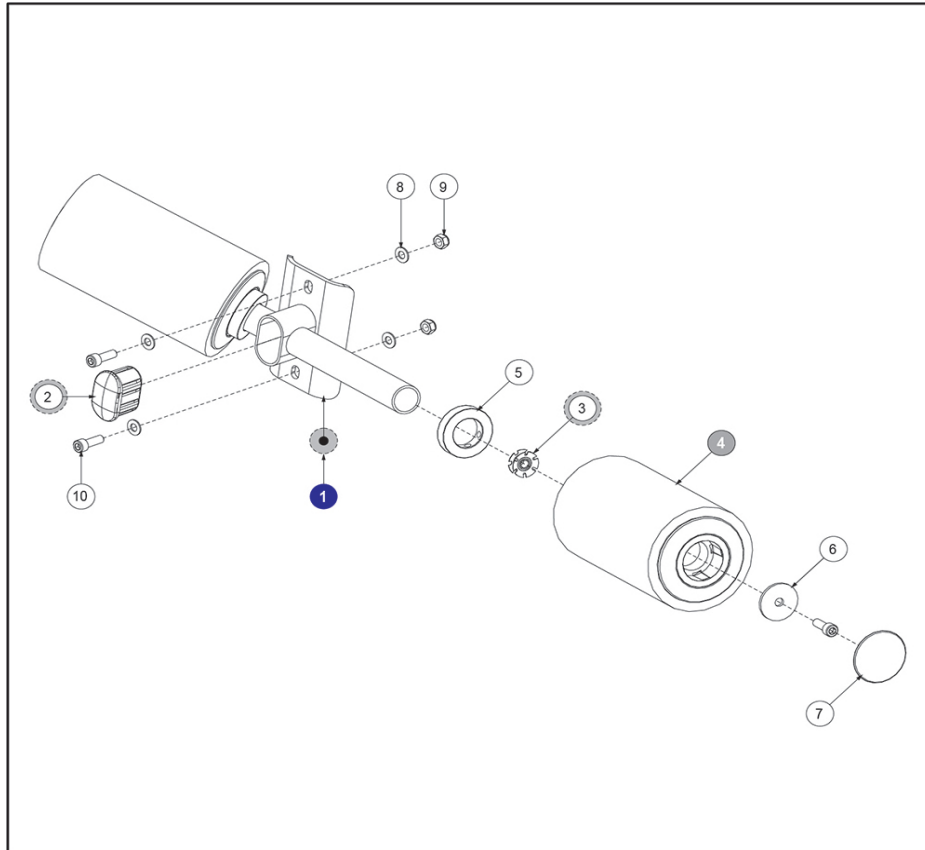
OP-PD Pulley Bracket Assembly



Ref #	Part Number	Qty	Description
1	1011979-0099	1	WELDMENT: LOWER PULLEY BRACKET, Custom
2	3245702	1	PULLEY, 3.5IN OD, 10MM ID
3	LEA3242002	1	Hardware: Hex Nut 10MM D
4	3102514	5	WASHER, FLAT 3/8 IN SAE ST ZN
5	1011498-0006	1	BOLT: SQR NECK, M10 X 1.5, 50MM
6	LEA3251702	4	SCREW; M10 X1.5 25MM

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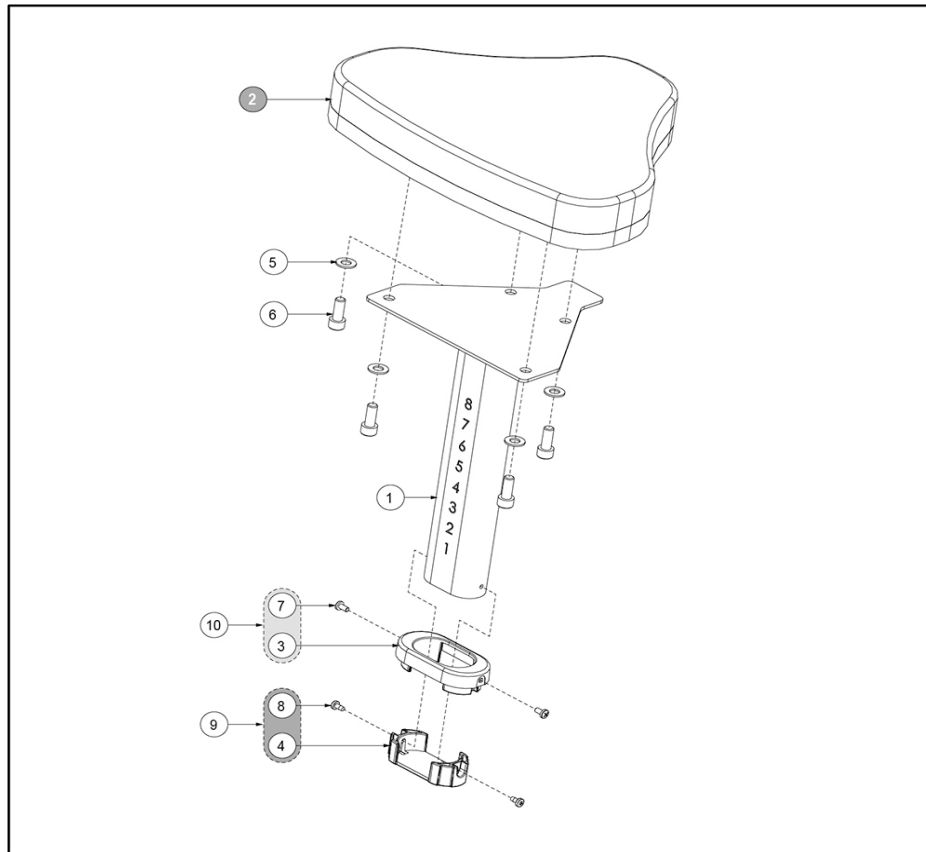
OP-PD Roller Pad Assembly



Ref #	Part Number	Qty	Description
1	1013279-0099	1	ASSEMBLY: OP-PD, ROLLER PAD- Custom
2	7800502	1	CAP, SML FLOV END -CHR
3	7347301	2	NUT, SPIDER M10 X 1.5
4	1000005-0099	2	ASSY, ROLLER PAD SHORT CUS, SNGL STITCH- Custom
4	1000005-0199	2	ASSY, ROLLER PAD SHORT, DBL STITCH- Custom
5	7357901	2	COLLAR, SHAFT 1.53 ID ALUM
6	7322301	2	PLATE, 1.97 OD X .447 ID 10GA
7	7308702	2	CAP, BEARING HOUSING
8	3102514	4	WASHER, FLAT 3/8 IN SAE ST ZN
9	LEA3242002	2	Hardware: Hex Nut 10MM D
10	3251703	2	M10 X 1.5 30 HXS SOC CS ST ZN

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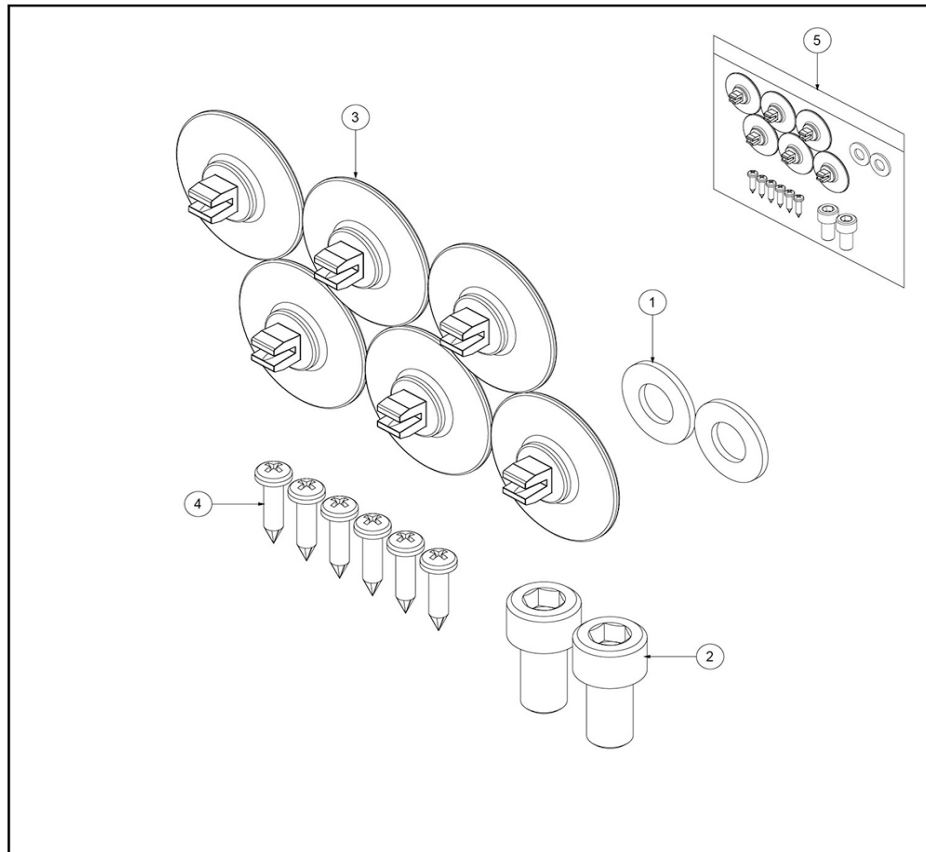
OP-PD Seat Post Assembly



Ref #	Part Number	Qty	Description
1	8545301	1	WLDMT, OS, SEAT
2	1013400-0099	1	PAD: SADDLE, FLAT - SINGLE STITCH Custom
2	1013400-0199	1	PAD: SADDLE, FLAT - DOUBLE STITCH Custom
3	8624102	1	BUSHING, SEAT GLIDE EXT.
4	8624202	1	BUSHING, SEAT GLIDE INT, CG
5	3102514	4	WASHER, FLAT 3/8 IN SAE ST ZN
6	LEA3251702	4	SCREW; M10 X1.5 25MM
7	3239101	2	SCREW,M5 X .8 X 10 PHL PAN TT ST BZ
8	3270601	2	SCREW, #10-32 X 3/8 TRX PAN ST BZ
9	1014564-0001	1	KIT: GLIDE BUSHING, INTERNAL, CG
10	1014563-0001	1	KIT: GLIDE BUSHING, EXTERNAL, CG

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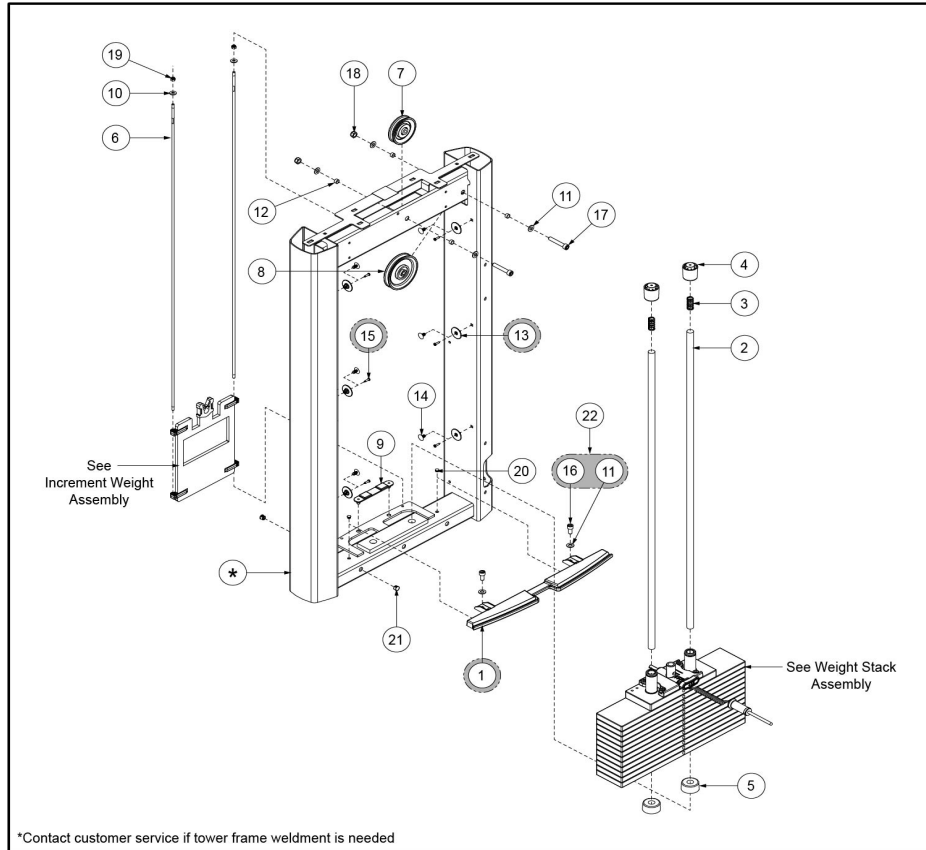
OP-PD Shroud Hardware Pack



Ref #	Part Number	Qty	Description
1	3102514	2	WASHER, FLAT 3/8 IN SAE ST ZN
2	3251701	2	M10 X 1.5 20 HXS SOC CS ST ZN
3	1012251-0001	6	GROMMET: RETAINER, SHROUD
4	3275801	6	SCREW, 8 X 3/4 DIN PHL PAN AB ST ZB
5	1012951-0001	1	ASSEMBLY: HARDWARE, KIT, SHROUD, OP

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OP-PD Tower Assembly

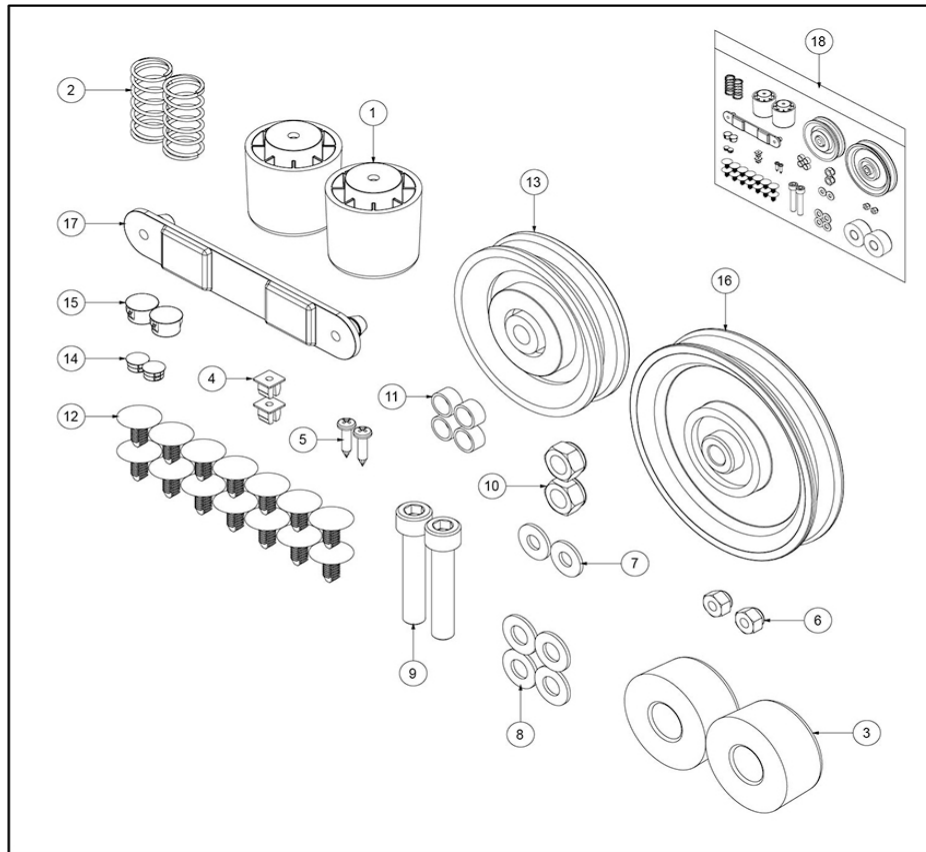


Ref #	Part Number	Qty	Description
1	1012110-0001	1	CAP: BOTTOM, TWR, OP
2	7328626	2	GUIDE ROD, .75 OD SOLID X 43.43
3	1011496-0001	2	SPRING: 0.72IN OD, 0.596IN ID, 1.50IN LG
4	1011495-0001	2	HOUSING: GUIDE ROD, OP
5	7352101	2	CUSHION, WEIGHT STACK
6	1008192-0004	2	GUIDE ROD: 0.25 OD SOLID, 44.84
7	3245702	1	PULLEY, 3.5IN OD, 10MM ID
8	9319901	1	PULLEY, 3/16 IN CABLE (T2), 4.5 IN OD
9	1011601-0001	1	BUMPER: INCR. SYSTEM, OP
10	3102506	2	WASHER, FLAT 1/4 ID ZN
11	3102514	6	WASHER, FLAT 3/8 IN SAE ST ZN
12	7489403	4	BSHNG, .500 OD X .402 ID X .272
13	1012251-0001	4	GROMMET: RETAINER, SHROUD
14	1006620-0001	4	RETAINER: PANEL, 9/32 X 1/2 NYL
15	3275801	4	SCREW, 8 X 3/4 DIN PHL PAN AB ST ZB
16	3251701	2	M10 X 1.5 20 HXS SOC CS ST ZN
17	3251708	2	M10 X 1.5 X 55 HXS SOC CS ST ZN
18	LEA3242002	2	Hardware: Hex Nut 10MM D
19	3102806	2	NUT, NYLOCK 1/4-20
20	1012319-0001	2	PLUG: 8.7MM OD, BLK
21	3237406	2	PLUG, 1/2 IN HOLE
22	1012950-9001	1	KIT: SHROUD, FRONT, OP, SHORT, PF

Ref #	Part Number	Qty	Description
22	1012950-0001	1	KIT: SHROUD, FRONT, OP, SHORT

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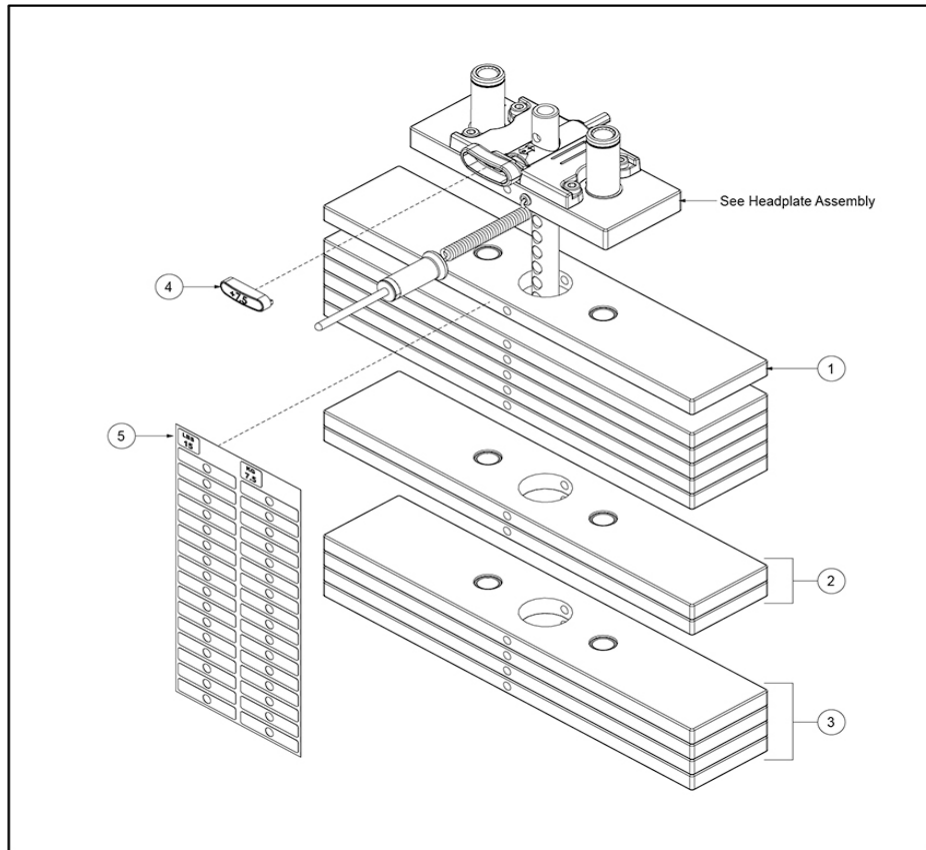
OP-PD Tower Hardware Pack



Ref #	Part Number	Qty	Description
1	1011495-0001	2	HOUSING: GUIDE ROD, OP
2	1011496-0001	2	SPRING: 0.72IN OD, 0.596IN ID, 1.50IN LG
3	7352101	2	CUSHION, WEIGHT STACK
4	0017-00042-1147	2	GROMMET: SCREW, 8 OR 10
5	3275801	2	SCREW, 8 X 3/4 DIN PHL PAN AB ST ZB
6	3102806	2	NUT, NYLOCK 1/4-20
7	3102506	2	WASHER, FLAT 1/4 ID ZN
8	3102514	4	WASHER, FLAT 3/8 IN SAE ST ZN
9	3251708	2	M10 X 1.5 X 55 HXS SOC CS ST ZN
10	LEA3242002	2	Hardware: Hex Nut 10MM D
11	7489403	4	BSHNG, .500 OD X .402 ID X .272
12	1006620-0001	14	RETAINER: PANEL, 9/32 X 1/2 NYL
13	3245702	1	PULLEY, 3.5IN OD, 10MM ID
14	1012319-0001	2	PLUG: 8.7MM OD, BLK
15	3237406	2	PLUG, 1/2 IN HOLE
16	9319901	1	PULLEY, 3/16 IN CABLE (T2), 4.5 IN OD
17	1011601-0001	1	BUMPER: INCR. SYSTEM, OP
18	1013004-0001	1	ASSEMBLY: HARDWARE, TWR, OP

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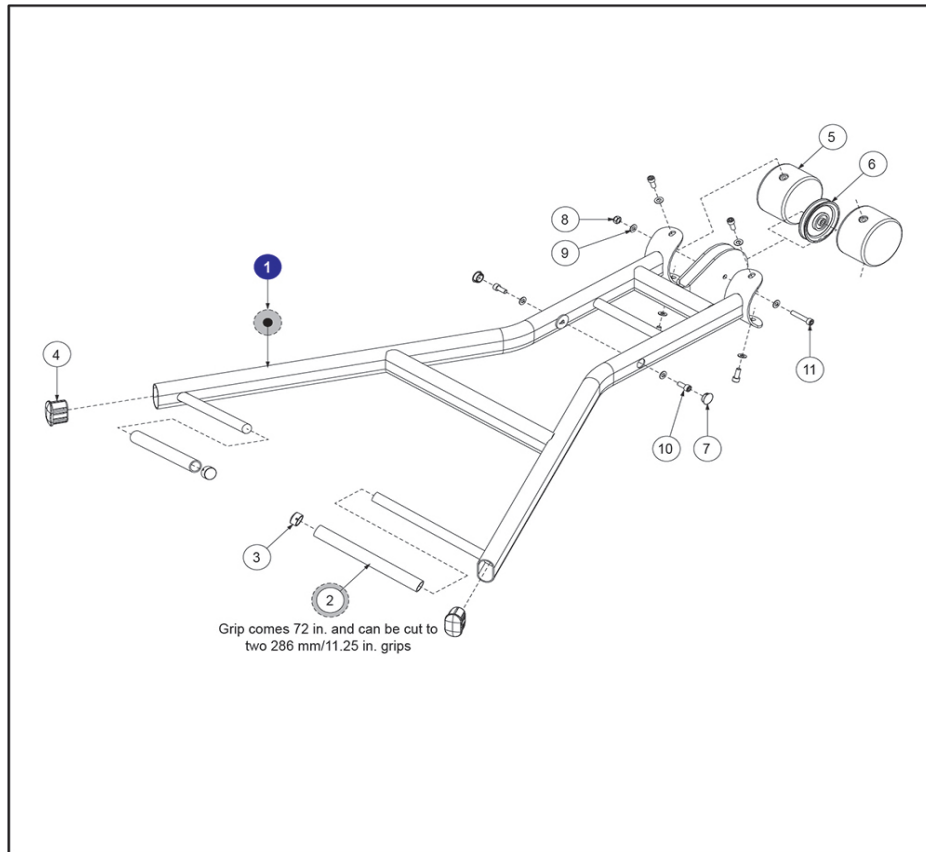
OP-PD Weight Stack Assembly - 12 Plate



Ref #	Part Number	Qty	Description
1	1014560-0001	12	KIT: WEIGHT PLATE, OP, 1 PLATE
2	1014560-0002	6	KIT: WEIGHT PLATE, OP, 2 PLATE
3	1014560-0004	3	KIT: WEIGHT PLATE, OP, 4 PLATE
4	1006751-0001	1	CAP: 3.75 KG INC WEIGHT - KG
4	1006750-0001	1	CAP, 7.5 LB INC WEIGHT - LBS
5	1013156-0001	1	DECAL: WGT STK, 255LB/127.5KG

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OP-PD Work Arm Assembly



Ref #	Part Number	Qty	Description
1	1014533-0099	1	KIT: OP-PD, WORK ARM, PTD- Custom Color
2	3235806	1	GRIP, 1.25 OD X .125 WALL OPEN END
3	7662901	2	CAP; GRIP 1.25 OD
4	7800501	2	CAP, SML FLOV END
5	7801902	2	COUNTER WEIGHT, SMALL-COATED
6	9319901	1	PULLEY, 3/16 IN CABLE (T2), 4.5 IN OD
7	3237407	2	PLUG, 1 IN HOLE
8	LEA3242002	1	Hardware: Hex Nut 10MM D
9	3102514	8	WASHER, FLAT 3/8 IN SAE ST ZN
10	LEA3251702	6	SCREW; M10 X1.5 25MM
11	3251708	1	M10 X 1.5 X 55 HXS SOC CS ST ZN

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Frame and Upholstery Color Chart

FRAME COLOR OPTION

SELECT POWDERCOAT COLOR

- ☐ BLACK
- ☐ BLUE
- ☐ CANDY APPLE RED
- ☐ CHARCOAL
- ☐ DIAMOND WHITE CLEAR
- ☐ ELECTRIC BLUE
- ☐ ICE BLUE METALLIC CLEAR
- ☐ MIDNIGHT METALLIC CLEAR
- ☐ MOCHA SAND
- ☐ PLATINUM CLEAR
- ☐ RED
- ☐ TITANIUM CLEAR
- ☐ WHITE
- ☐ YELLOW

UPHOLSTERY COLOR OPTION

SELECT UPHOLSTERY COLOR

- ☐ AMERICAN BEAUTY RED
- ☐ AZURE
- ☐ BLACK
- ☐ BLACK CARBON FIBER
- ☐ BURGUNDY
- ☐ CANDY APPLE RED
- ☐ CHESTNUT
- ☐ CONCORD
- ☐ CRANBERRY
- ☐ DARK WALNUT
- ☐ DOVE GRAY
- ☐ EMERALD
- ☐ GRAPHITE
- ☐ GROTTO
- ☐ HUNTER GREEN
- ☐ IMPERIAL BLUE
- ☐ NAVY
- ☐ REGIMENTAL BLUE
- ☐ ROYAL BLUE
- ☐ SLATE
- ☐ SUEDE
- ☐ TERRA COTTA
- ☐ WHEAT

- Items call-outs circled by a dashed circle, , are part of an assembly.
- Items identified with a "•" are not available. Order the assembly if item is needed.
- Items that are not referenced with a bubble number and part number are not available.

UPHOLSTERY

1 2 3

- Items with Gray call-outs require the upholstery color within the order notes.

FRAME COLOR

1 2 3

- Items with Blue call-outs require the powder coat frame color to be within the order notes.

