

93T Treadmill - 4HP AC - Heart Rate

93T-0103-07

Parts Manual

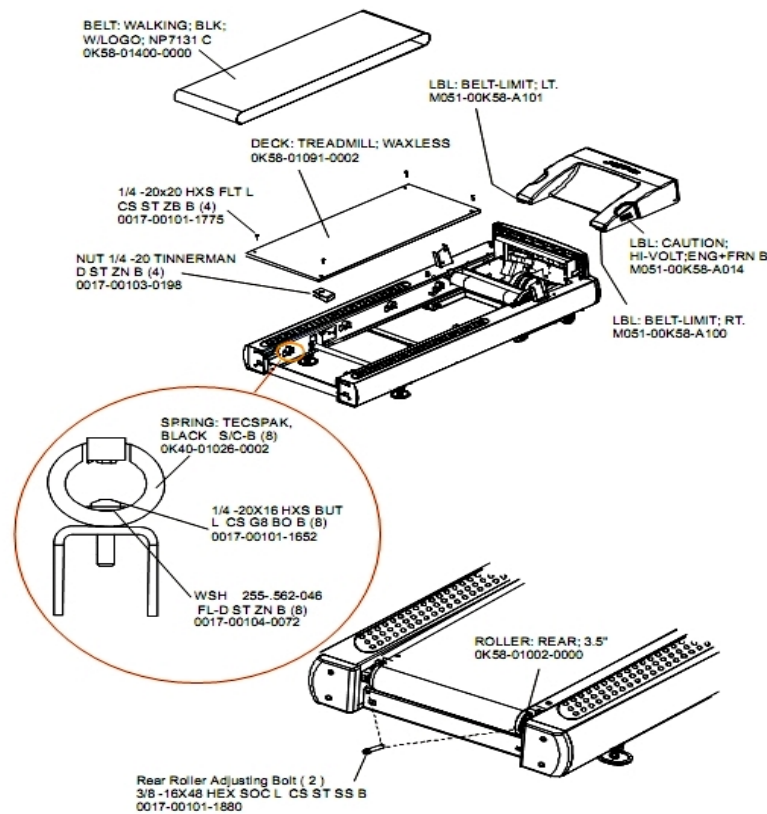
1/5/2019 8:09:58 AM



Table of Contents

Belt, Deck and Rear Roller.....	3
Cables.....	4
Console.....	5
Console Components.....	6
Drive Motor Assembly.....	7
DSP Controller Assembly.....	8
Ergo Bar with Heart Rate Assembly.....	9
Front Roller Assembly.....	10
Idle Arm Assembly.....	11
Leg Leveler Assembly.....	12
Lift Frame, Lift Motor and IEC Receptacle.....	13
Motor Cover, Front Cover, Front End Caps and Tinsel.....	14
On-Off Switch, Access Plate and Grommets.....	15
Optional Line Cords.....	16
Rear End Caps and Cup Holders.....	17
References.....	18
Uprights and Handrails.....	20
Wax/Lift Assembly.....	21

Belt, Deck and Rear Roller

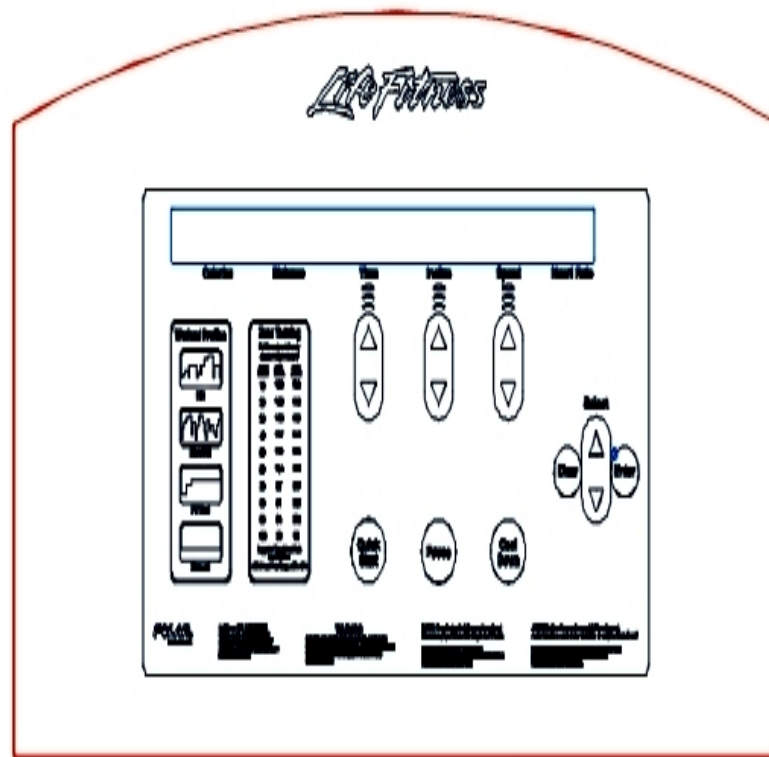


Ref #	Part Number	Qty	Description
-	0017-00101-1775	4	Hardware: Deck Screws 1.25"
-	OK40-01026-0002	8	Deck Spring
-	OK65-01263-0000	1	Deck
-	0017-00103-0198	4	Hardware: Tinnerman Clip 1/4" ID
-	0017-00104-0072	8	Hardware: Flat Washer 0.562" OD
-	M051-00K58-A101	1	Belt Limit Label. Left
-	OK58-01400-0000	1	Striding Belt
-	0017-00101-1652	8	Hardware: Spring Mounting Screw 1"
-	0017-00101-1880	1	Hardware: Tension Bolts 3"
-	OK58-01002-0000	1	Rear Roller - 3.5"
-	M051-00K58-A014	1	Label: Caution
-	M051-00K58-A100	1	Label: Belt Limit: Right

Cables

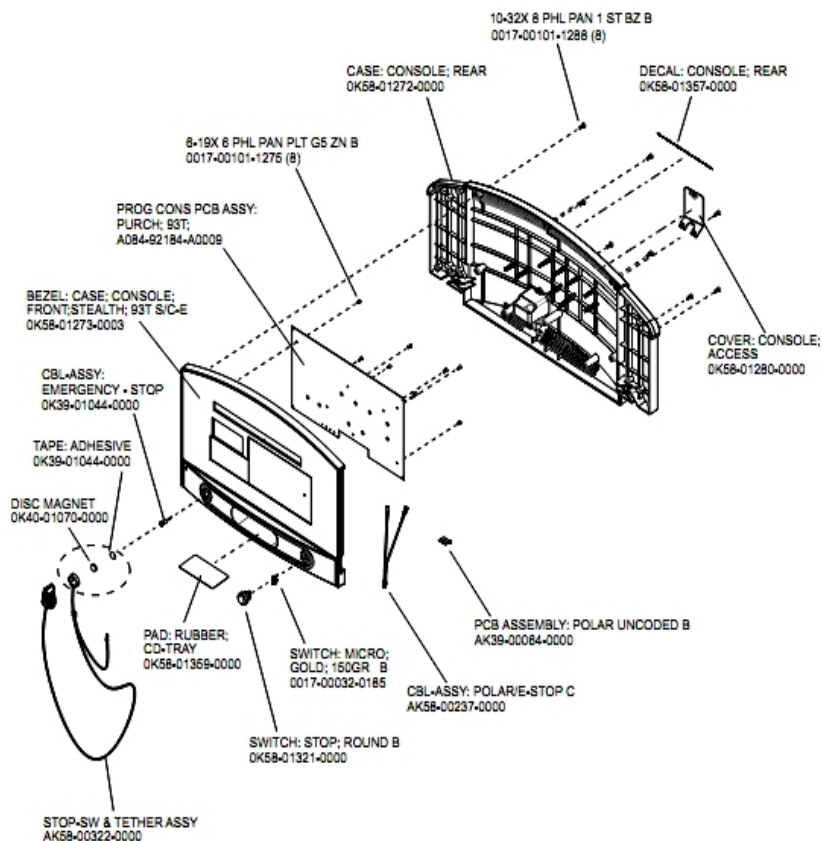
Ref #	Part Number	Qty	Description
-	AK58-00081-0000	1	Jumper Cable Assembly: Black - 4"
-	AK58-00524-0000	1	Cable: Thermal Adapter
-	AK58-00083-0000	1	Cable Assembly
-	AK58-00034-0001	1	Console Power Cable
-	AK32-00020-0002	1	Coax Cable: 120"
-	AK58-00263-0000	1	Hi-Pot Jumper Cable
-	AK58-00210-0000	1	Transformer-Bracket Assembly
-	AK58-00032-0000	1	User Proximity Sensor Cable
-	AK58-00522-0000	1	Cable: Jumper; Power; LED Console
-	AK58-00596-0001	1	Power Cable: 230-240V
-	AK58-00224-0001	1	Cable: MOV; Fliter
-	AK58-00036-0000	1	Cable-Assembly: Emergency-Stop Switch
-	0017-00003-0626	1	CIRCUIT-BREAKER:2A 200-240V
-	AK58-00237-0000	1	Cable-Assembly: Polar/E-Stop
-	AK58-00041-0001	1	Heart Rate Sensor Cable
-	AK32-00078-0001	1	Power Extension Cable: 120"
-	AK58-00027-0000	1	Limit Switch Cable
-	AK58-00082-0000	1	Jumper Cable Assembly: White - 6"
-	0017-00003-1015	1	20 amp Line Filter (DOM)

Console



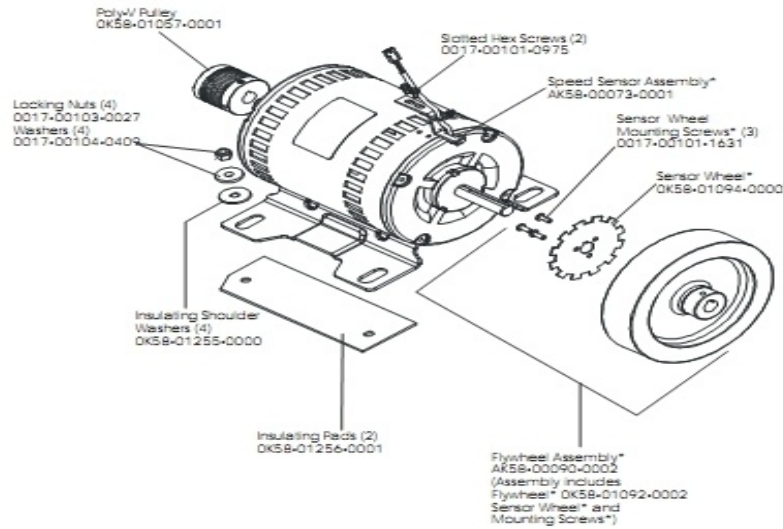
Ref #	Part Number	Qty	Description
-	AK58-00526-0001	1	Bezel Switch with Overlay: English/Metric
-	AK58-00481-0002	1	Console: English/Metric
-	OK58-01432-0001	1	Overlay English/Imperial

Console Components



Ref #	Part Number	Qty	Description
-	AK58-00322-0000	1	Tether Stop Assembly
-	OK58-01272-0000	1	Rear Console Case
-	OK58-01357-0000	1	Decal
-	0017-00101-1288	8	Hardware: Phillips Screw 0.5"
-	0017-00101-1275	9	Hardware: Phillips Screw 0.375"
-	AK58-00036-0000	1	Cable-Assembly: Emergency-Stop Switch
-	A084-92184-A009	1	PCB Assembly
-	OK58-01280-0000	1	Accessory Cover
-	0017-00032-0185	1	Micro Switch 150GR
-	118E-00001-0259	1	Wireless Receiver Module, Non-Coded
-	OK40-01070-0000	1	Magnetic Disk
-	OK58-01359-0000	1	Rubber Pad
-	AK58-00237-0000	1	Cable-Assembly: Polar/E-Stop
-	OK58-01273-0003	1	Front Console Case
-	OK39-01044-0000	1	Tape
-	OK58-01321-0000	1	Stop Switch

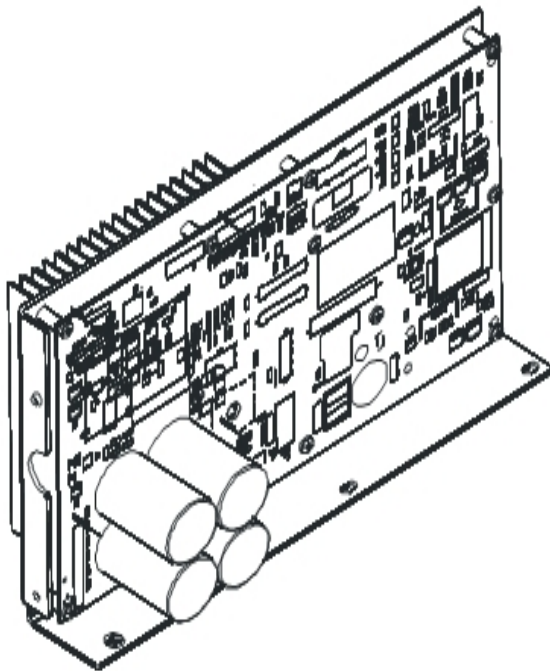
Drive Motor Assembly



Description	Part Nos.	
	S/N TSB100000—TSB101105	S/N TSB101106 and up
Drive Motor Assembly	AK58-00171-0001 (dual cable)	AK58-00171-0002 (tapered shaft)
Cast Iron Flywheel	OK58-01092-0002	OK58-01092-0004
Flywheel Setscrews/Bolt	0017-00101-0975 (uses setscrews)	0017-00101-1885 (uses bolt)
Flywheel Assembly	AK58-00090-0002	n/a

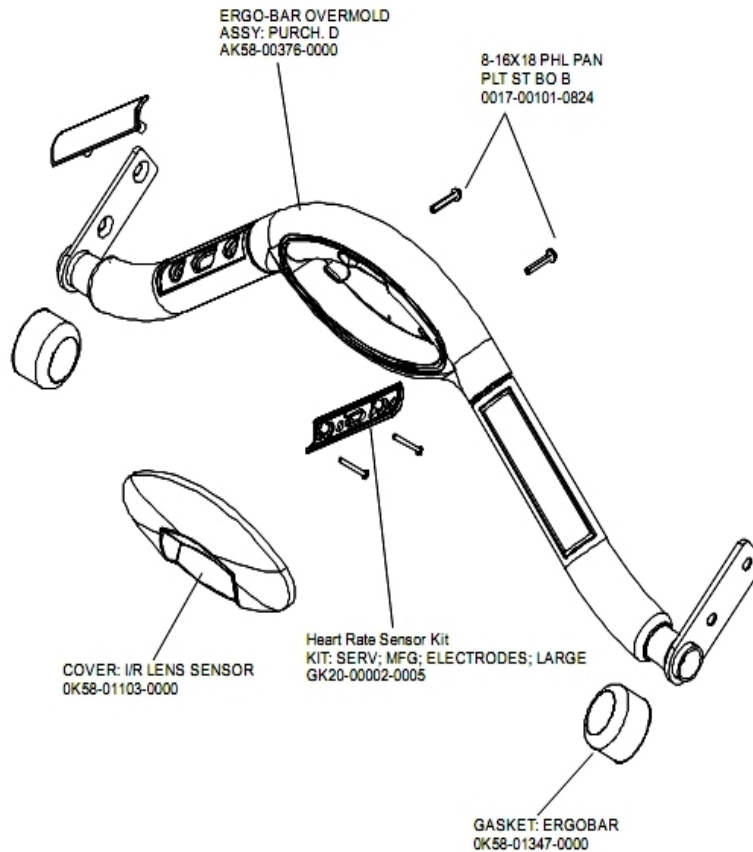
Ref #	Part Number	Qty	Description
-	OK58-01092-0002	1	Cast Iron Flywheel
-	0017-00101-1885	1	Hardware: Hex Bolt 1"
-	OK58-01255-0000	4	Hardware: Insulating Washers
-	AK58-00073-0001	1	Speed Sensor Assembly
-	OK58-01092-0004	1	Cast Iron Flywheel
-	OK58-01094-0000	1	Sensor Wheel
-	OK58-01386-0004	1	MOTOR: MAIN DRIVE, 230V/50HZ, W/TAPER
-	AK58-00090-0002	1	Flywheel Assembly
-	OK58-01256-0001	2	Insulating Pad
-	0017-00101-1631	3	Hardware: Sensor Wheel Mounting Screw
-	OK58-01057-0001	1	Drive Pulley - 1.971"
-	0017-00103-0027	4	Hardware: Locking Nut. 5/16" ID
-	0017-00104-0409	4	Hardware: Washer 1.125" OD
-	AK58-00171-0001	1	Drive Motor Assembly
-	0017-00101-0975	3	Hardware: Mounting Bolt 0.375"

DSP Controller Assembly



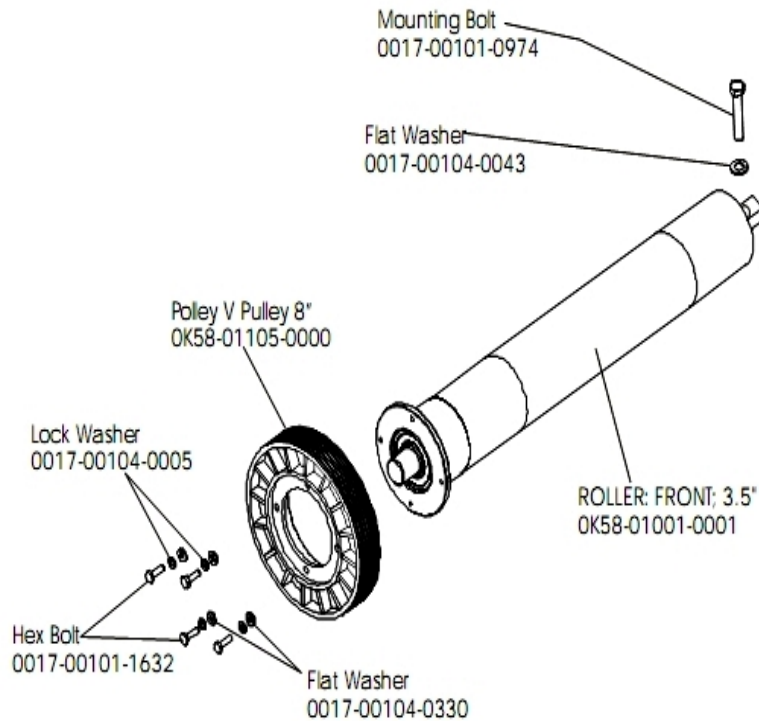
Ref #	Part Number	Qty	Description
-	GK58-00002-0120	1	Display Controller 200-240; LED
-	GK58-00002-0120	1	Display Controller 200-240; LED
-	GK58-00002-0120	1	Display Controller 200-240; LED
-	GK58-00002-0120	1	Display Controller 200-240; LED

Ergo Bar with Heart Rate Assembly



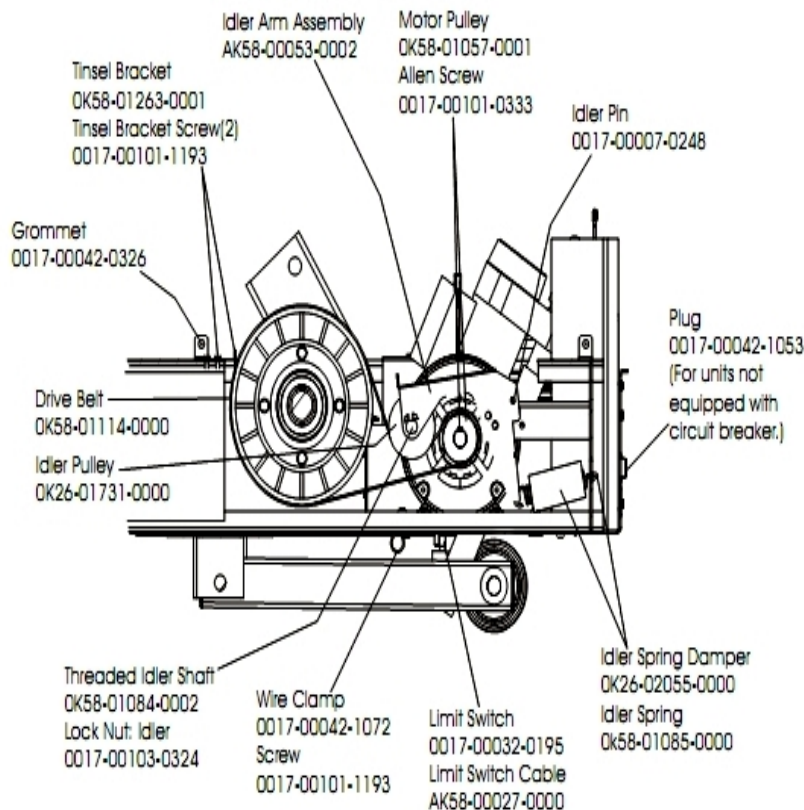
Ref #	Part Number	Qty	Description
-	AK58-00064-0000	1	I/R Lens Cover Assembly
-	GK20-00002-0005	1	Heart Rate Electrode Kit
-	0017-00101-0824	1	Hardware: Screw 1.125"
-	OK58-01347-0000	1	ErgoBar Gasket
-	AK58-00376-0001	1	Ergo-Bar Overmold Assembly
-	AK60-00147-0000	1	ERGO Bar with Heart Rate Sensor

Front Roller Assembly



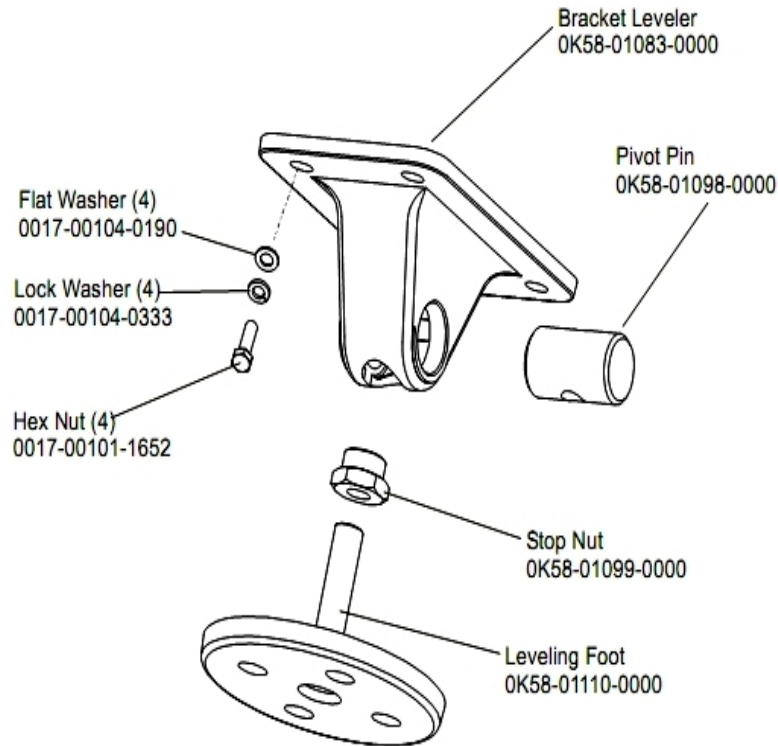
Ref #	Part Number	Qty	Description
-	0017-00101-0974	1	Hardware: Mounting Bolt 2"
-	0017-00101-1632	4	Hardware: Hex Bolt 0.875"
-	OK58-01105-0000	1	Drive Pulley Poly V - 8"
-	0017-00104-0043	1	Hardware: Flat Washer 0.734" OD
-	0017-00104-0005	4	Hardware: Lock Washer 0.489" OD
-	AK58-00066-0000	1	Front Roller Assembly
-	0017-00104-0330	4	Hardware: Flat Washers 0.562" OD
-	OK58-01001-0001	1	Front Roller - 3.5"

Idler Arm Assembly



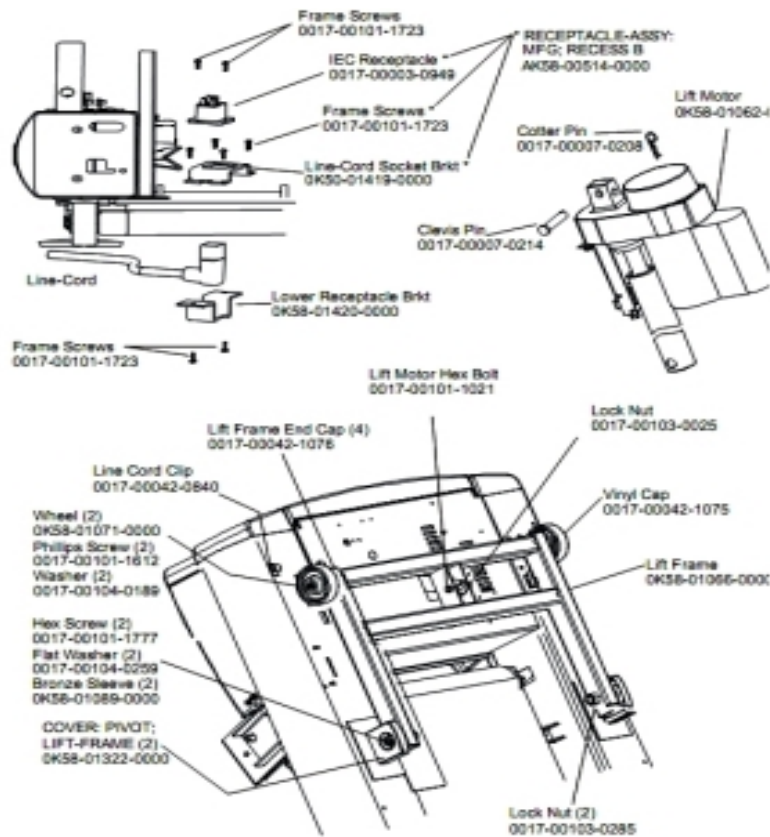
Ref #	Part Number	Qty	Description
-	OK58-01057-0001	1	Drive Pulley - 1.971"
-	OK58-01263-0001	1	Tinsel Bracket
-	0017-00103-0324	1	Hardware: Thin Lock Nut 3/8" ID
-	AK58-00027-0000	1	Limit Switch Cable
-	OK26-01731-0000	1	Plastic Idler 2 5/8" OD
-	OK26-02055-0000	1	Spring Damper
-	0017-00032-0195	1	Home Switch
-	0017-00042-1072	1	Hardware: Wire Clamp - 5/8"
-	0017-00007-0248	1	Hardware: Locking Pin .31" D 2.125" L
-	0017-00042-0326	1	Hardware: Plastic Grommet
-	0017-00101-1193	3	Hardware: Screw 0.375"
-	OK58-01114-0000	1	Poly-V Drive Belt - 370J12
-	OK58-01084-0002	1	Threaded Shaft
-	0017-00101-0333	1	Hardware: Screw 0.3125"
-	AK58-00053-0002	1	Idler Arm Assembly
-	OK58-01085-0000	1	Extension Spring
-	0017-00042-1053	1	Plug (For units not equipped with circuit breaker.)

Leg Leveler Assembly



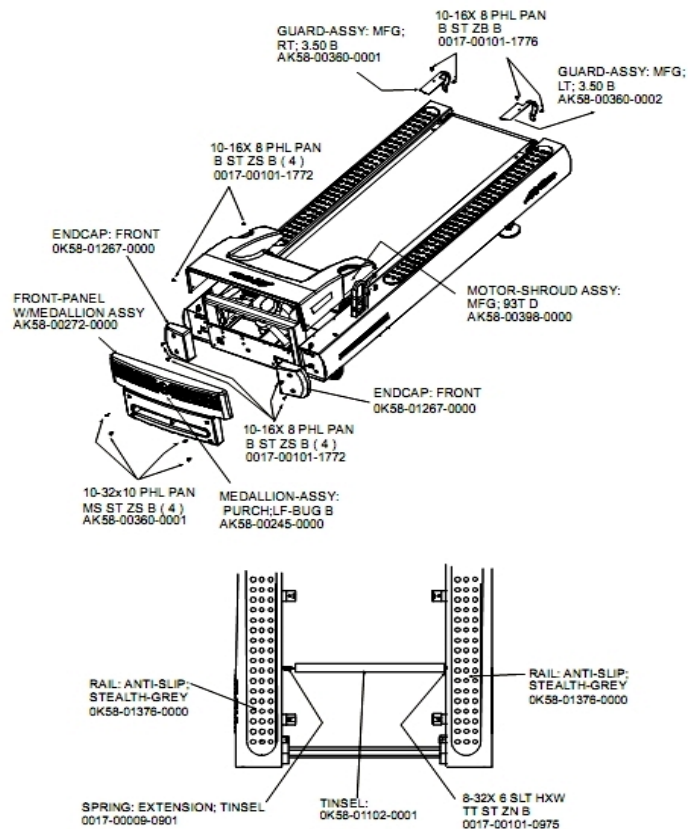
Ref #	Part Number	Qty	Description
-	0017-00104-0333	4	Hardware: Washer 0.683" OD
-	OK58-01110-0000	1	Leveler Foot
-	0017-00104-0190	4	Hardware: Flat Washer 0.734" OD
-	OK58-01083-0000	1	Leveler Bracket
-	OK58-01098-0000	1	Hardware: Pivot Pin
-	OK58-01099-0000	1	Hardware: Stop Nut
-	0017-00101-1652	4	Hardware: Spring Mounting Screw 1"
-	AK58-00370-0000	1	Leveler Assembly

Lift Frame, Lift Motor and IEC Receptacle



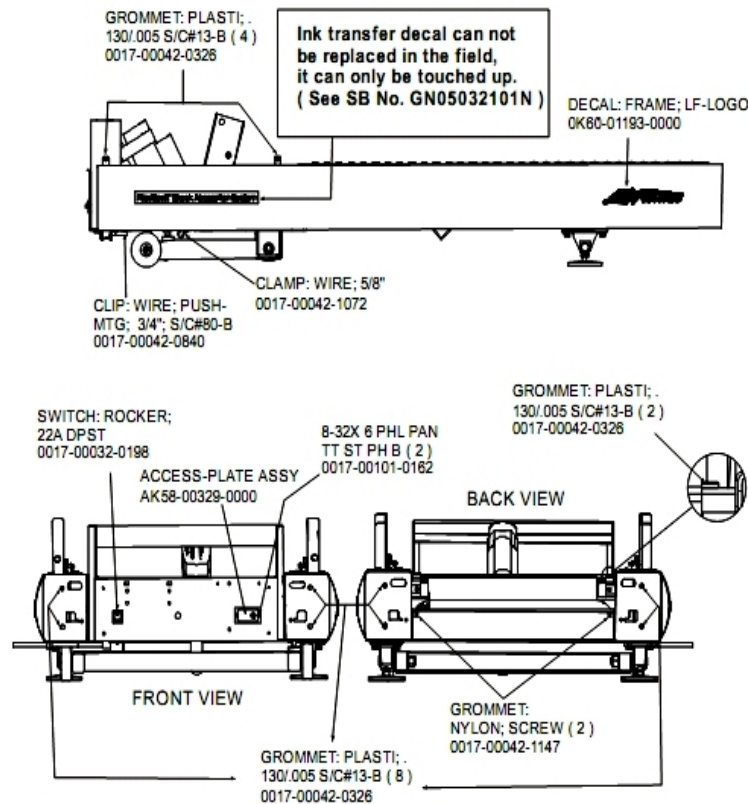
Ref #	Part Number	Qty	Description
-	AK58-00220-0000	1	LIFT-FRAME ASSY: MFG. C
-	0017-00042-1076	4	Lift Frame End Cap
-	OK58-01322-0000	2	Lift Frame Pivot Cover
-	0017-00103-0285	2	Hardware: Nut 5/8" ID
-	0017-00007-0208	1	Hardware: Cotter Pin
-	0017-00101-1777	2	Hardware: Lift Frame Mounting Bolt 2.75"
-	0017-00104-0189	2	Hardware: Flat Washer 1" OD
-	OK58-01419-0000	1	Line Cord Socket Bracket
-	0017-00101-1723	8	Hardware: Phillips Pan Screw 0.375"
-	AK58-00514-0000	1	Receptacle Assembly
-	0017-00101-1021	1	Hardware: Lift Motor Hex Bolt 2.5"
-	0017-00103-0025	1	Hardware: Locking Nut 3/8" ID
-	0017-00104-0259	2	Hardware: Washer 1.331" OD
-	OK58-01062-0000	1	Lift Motor - 120/60
-	OK58-01420-0000	1	Lower Receptacle Bracket
-	OK58-01089-0000	2	Bronze Sleeve Bushings
-	0017-00042-0840	1	Hardware: Push Mount Clip
-	OK58-01071-0000	2	Wheel
-	0017-00101-1612	2	Hardware: Phillips Screw 0.5"
-	0017-00003-0949	1	IEC Receptacle
-	0017-00007-0214	1	Hardware: Clevis Pin 3/8" D 1.75" L
-	0017-00042-1075	1	Vinyl Cap

Motor Cover, Front Cover, Front End Caps and Tinsel



Ref #	Part Number	Qty	Description
-	0017-00101-0975	1	Hardware: Mounting Bolt 0.375"
-	AK58-00360-0001	5	Rear Roller Guard: Right
-	OK58-01376-0000	4	Anti-Scuff Pad
-	0017-00101-1772	4	Hardware: Phillips Pan Screw 0.5"
-	AK58-00245-0000	1	Bug Medallion
-	AK58-00272-0000	1	Front Panel with Medallion
-	OK58-01102-0001	1	Anti-Static Tinsel
-	AK58-00398-0000	1	Motor Shroud Assembly
-	OK58-01267-0000	2	End Cap
-	0017-00009-0901	1	Tinsel Extension Spring
-	0017-00101-1776	1	Hardware: Mounting Screw 0.5"
-	AK58-00360-0002	1	Rear Roller Guard: Left

On-Off Switch, Access Plate and Grommets

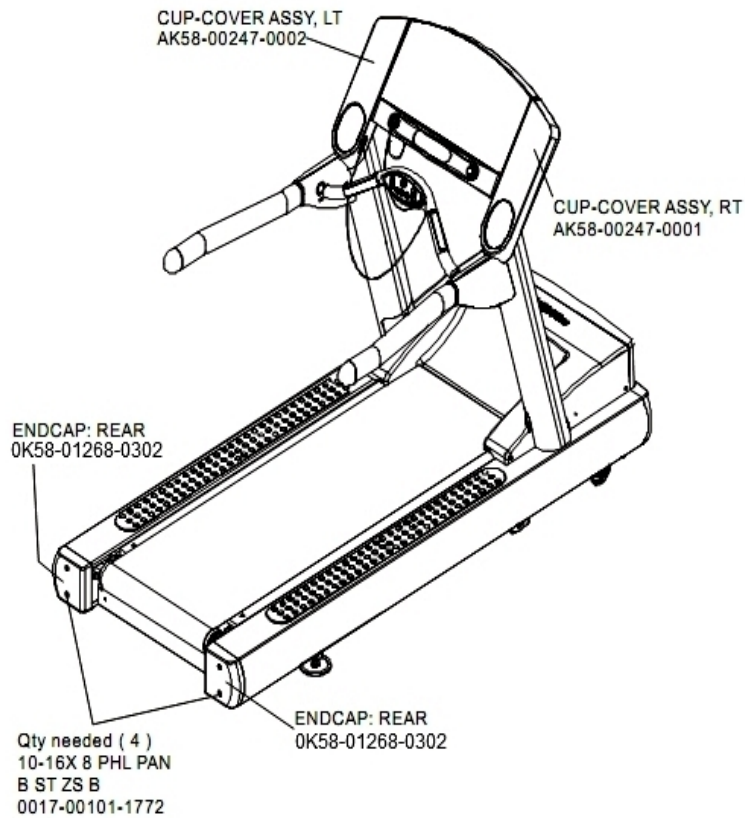


Ref #	Part Number	Qty	Description
-	0017-00101-0162	1	Hardware: Screw 0.375"
-	AK58-00329-0000	1	Access Panel Assembly
-	0017-00042-1072	1	Hardware: Wire Clamp - 5/8"
-	0K60-01193-0000	2	Decal: LF Logo
-	0017-00042-1147	1	Hardware: Nylon Grommet
-	0017-00042-0326	3	Hardware: Plastic Grommet
-	0017-00042-0840	1	Hardware: Push Mount Clip
-	0017-00032-0198	1	On/Off Switch 22A

Optional Line Cords

Ref #	Part Number	Qty	Description
-	0017-00003-0981	1	LINE-CORD: R/A; with PLUG 220/60 7.5'
-	0017-00003-0948	1	12' 220v Line Cord
-	0017-00003-0781	1	Line Cord: US High Voltage
-	0017-00003-0980	1	Line Cord: US Low Voltage 144"

Rear End Caps and Cup Holders



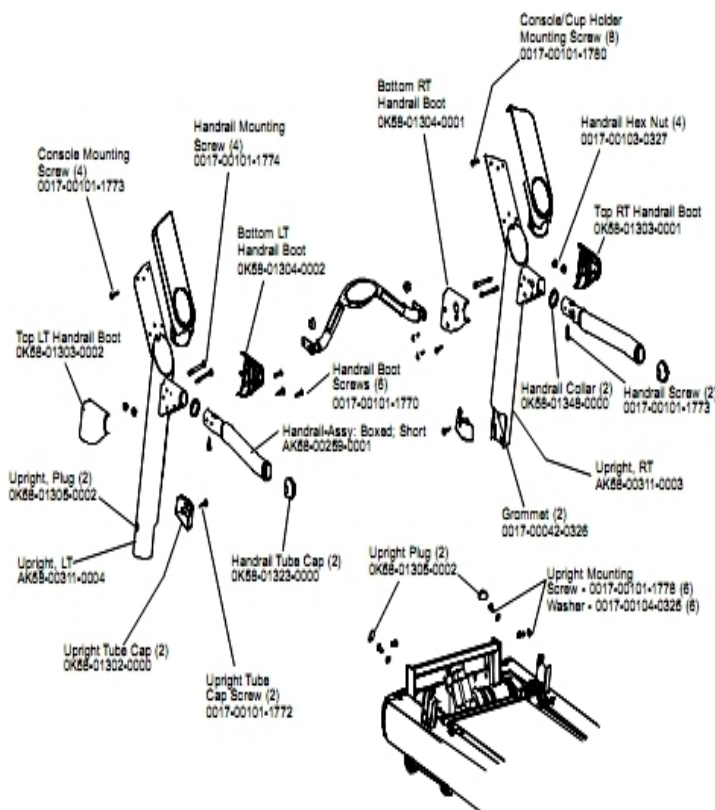
Ref #	Part Number	Qty	Description
-	AK58-00247-0002	1	Cup Holder Left
-	0017-00101-1772	8	Hardware: Phillips Pan Screw 0.5"
-	OK58-01268-0302	2	ENDCAP: REAR; STEALTH D
-	AK58-00247-0001	1	Cup Holder Right

References

Ref #	Part Number	Qty	Description
-	0017-00008-0205	1	5 oz Bottle - Arctic Silver
-	M051-00K58-B128	1	Service Instructions - Roller Guards
-	0017-00008-0204	1	Paint Spray Can - Arctic Silver
-	0017-00042-0840	1	Hardware: Push Mount Clip
-	0017-00101-1770	1	Hardware: Phillips Pan Screw 0.5"
-	0K58-01376-0000	2	Anti-Scuff Pad
-	AK58-00227-0000	1	Hardware Bag
-	0017-00101-1772	1	Hardware: Phillips Pan Screw 0.5"
-	0K58-01347-0000	1	ErgoBar Gasket
-	AK58-00360-0002	1	Rear Roller Guard: Left
-	0017-00008-0206	1	.33oz Pen - Arctic Silver
-	0017-00042-0326	3	Hardware: Plastic Grommet
-	0017-00042-1147	2	Hardware: Nylon Grommet
-	0017-00103-0327	1	Hardware: Hex Nut 5/16" ID
-	0K58-01305-0002	1	Upright Plug
-	0017-00101-1778	1	Hardware: Hex Bolt 1"
-	0017-00008-0210	1	Paint: Shadow-Gray Touch Up: .6 OZ Bottle
-	0017-00101-1776	4	Hardware: Mounting Screw 0.5"
-	0017-00104-0325	1	Hardware: Washer 0.873" OD
-	0017-00008-0211	1	Paint: Shadow-Gray Touch Up: .6 OZ Bottle
-	0017-00101-1774	1	Hardware: TORX Screw 2.5"
-	0017-00101-1780	1	Hardware: Mounting Screws

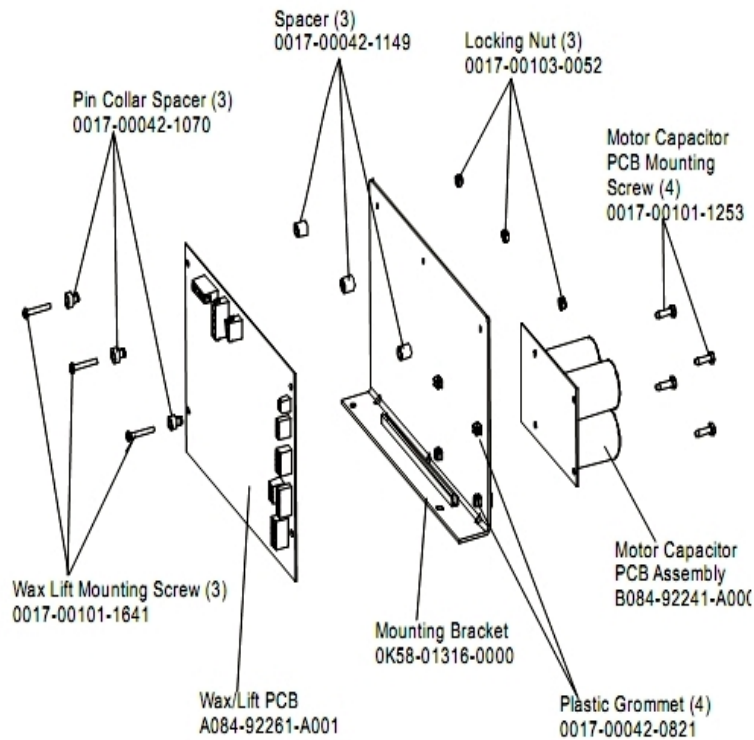
Ref #	Part Number	Qty	Description
-	GK58-00002-0071	1	Anti-Slip Rail
-	GK58-00002-0095	1	Roller Guard kit
-	AK58-00360-0001	1	Rear Roller Guard: Right
-	OK58-01348-0000	1	Handrail Collar
-	0017-00009-1049	1	Torx Wrench
-	0017-00101-1773	1	Hardware: TORX Screw 0.5"

Uprights and Handrails



Ref #	Part Number	Qty	Description
-	0017-00101-1773	6	Hardware: TORX Screw 0.5"
-	OK58-01348-0000	2	Handrail Collar
-	OK58-01323-0000	2	Handrail Tube Cap
-	OK58-01303-0002	1	Top Left Handrail Boot
-	OK58-01304-0001	1	Bottom Right Handrail Boot
-	OK58-01304-0002	1	Bottom Left Handrail Boot
-	0017-00101-1772	2	Hardware: Phillips Pan Screw 0.5"
-	OK58-01303-0001	1	Top Right Handrail Boot
-	0017-00042-0326	2	Hardware: Plastic Grommet
-	0017-00103-0327	4	Hardware: Hex Nut 5/16" ID
-	OK58-01302-0103	2	Cap: Upright Tube; Arctic Silver
-	OK58-01305-0002	4	Upright Plug
-	AK58-00259-0001	1	Handrail
-	AK58-00311-0004	1	Upright: Left
-	0017-00101-1778	6	Hardware: Hex Bolt 1"
-	0017-00104-0325	6	Hardware: Washer 0.873" OD
-	0017-00101-1774	4	Hardware: TORX Screw 2.5"
-	0017-00101-1780	8	Hardware: Mounting Screws
-	AK58-00311-0003	1	Upright: Right
-	0017-00101-1770	6	Hardware: Phillips Pan Screw 0.5"

Wax/Lift Assembly



Ref #	Part Number	Qty	Description
-	0017-00101-1253	4	Hardware: Screw
-	0017-00101-1641	3	Hardware: Phillips Pan Screw
-	A084-92261-A001	1	Wax/Lift PCB
-	0017-00042-0821	4	Hardware: Plastic Grommet
-	0017-00042-1070	3	Pin Collar Spacer
-	0017-00042-1149	3	Spacer
-	0K58-01316-0000	1	Mounting Bracket
-	0017-00103-0052	3	Hardware: Locking Nut ID
-	B084-92241-A000	1	Motor Capacitor PCB Assembly

