

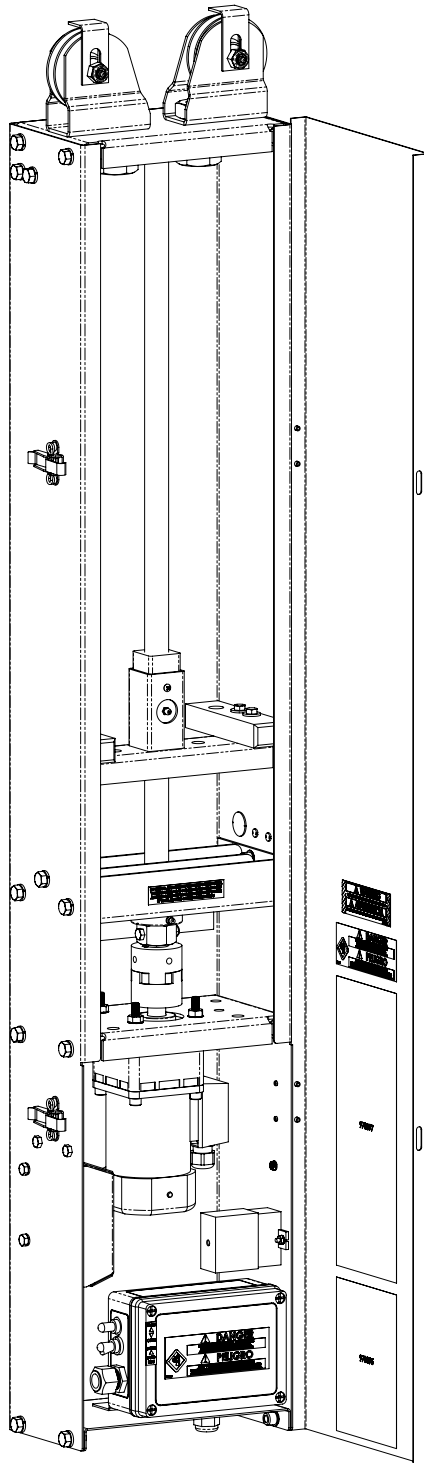


SafeTRAC™ Gen III Indoor Curtain Machine
ATLAS™ Weather Resistant Curtain Machine
(24, 36, 48, and 72 inch)
Installation Manual

**970500, 970501, 970504, 970505,
970508, 970512, 970516, 970520,
970532, 970536, 970540, 970544,
970561, 970562**

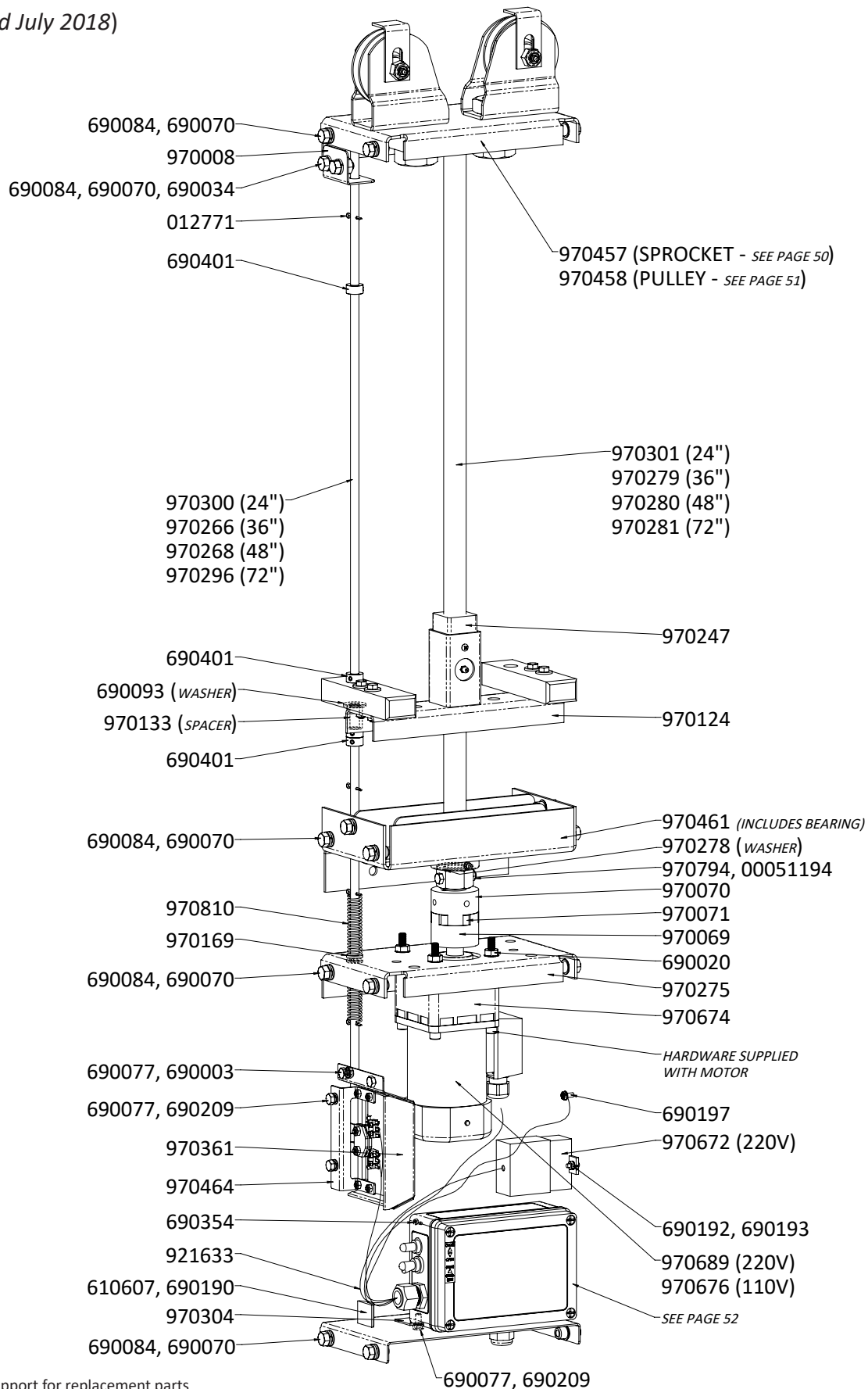
Part No. followed by “-length”
(-24, -36, -48, -72)

Repair Parts List



Exploded View: ATLAS™ Weather Resistant Acme Screw (970500, 970501, 970504, 970505)

(Updated July 2018)



*Call tech support for replacement parts used on older model curtain machines.

Parts List: ATLAS™ Weather Resistant Acme Screw (970500, 970501, 970504, 970505)

(Updated July 2018)

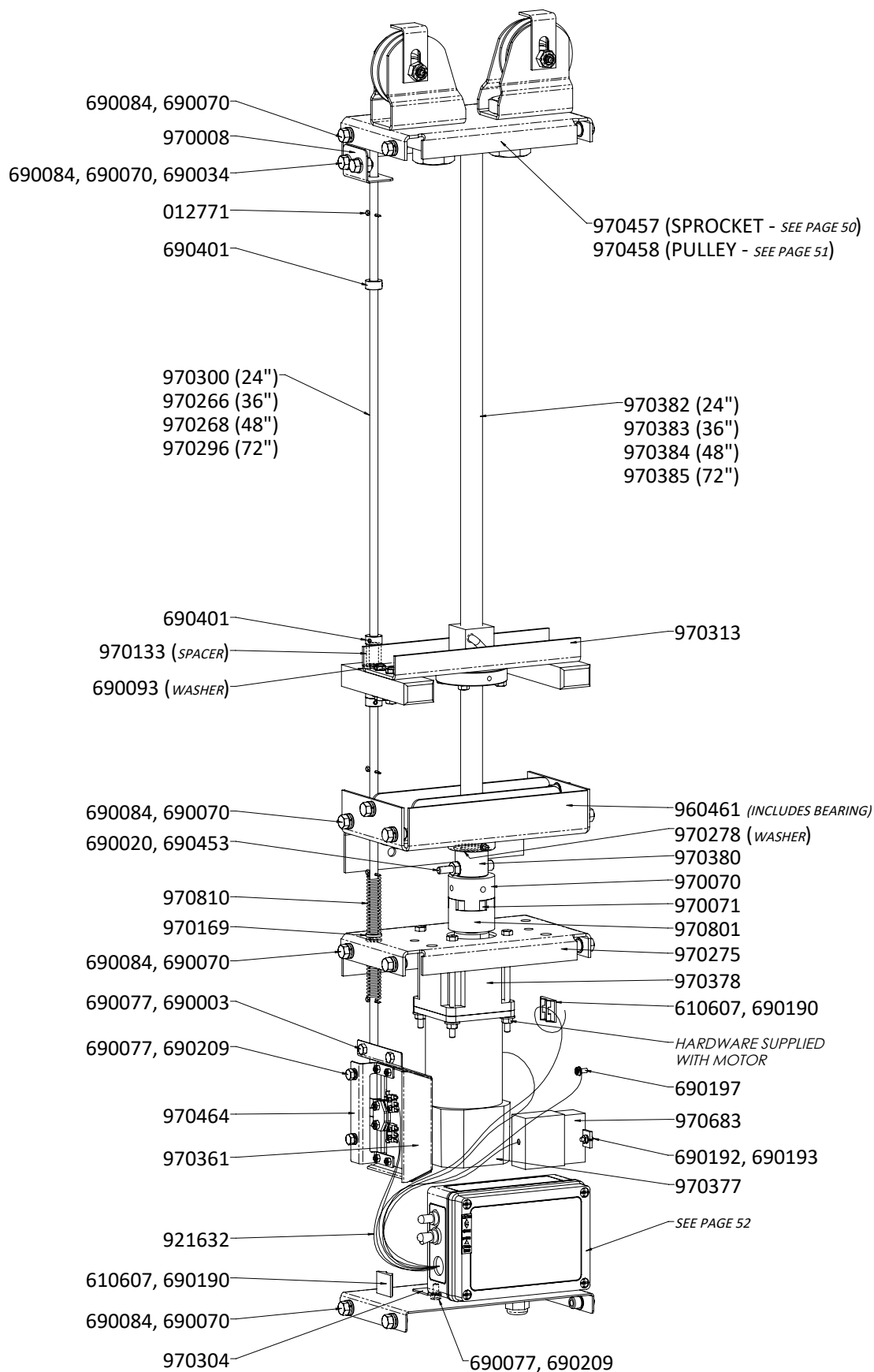
PART #	DESCRIPTION	QTY
INTERCHANGEABLE PARTS - ALL SIZES		
012771	PIN, COTTER 3/32 X 3/4	4
610607	CABLE TIE, 3.62"L, .093"W	1
690003	NUT, KEP 1/4-20 ZP	2
690020	NUT, KEP 5-16-18 ZP	4
690034	NUT, KEP 3/8-16 ZP	2
690070	WASHER, LOCK, 3/8, ZP	20
690077	SCREW, 1/4-20 X 1/2 HHCS, ZP	6
690084	SCREW, 3/8-16 X 0.75 HHCS ZP	20
690093	WASHER, FLAT 3/8 USS ZP	1
690190	HOLDER, TY-RAP #1A870 GRAINGER	1
690192	SCREW, 8-32 X 1/2 RHMS, ZP	1
690193	NUT, KEP, 8-32, ZP	1
690197	SCREW, 10-32 X 3/8 THD CUT #11-104	1
690209	WASHER, LOCK 1/4 SPLIT, ZP	4
690354	SCREW, #8-18 X 1/2 PPHMS ZP	4
690401	COLLAR, SET 3/8 SS (1/4-20 THREAD)	5
921633	WIRE HARNESS SINGLE BD CONTROLLER	1
970008	SUPPORT, ROD, .469" GUIDE HOLE	1
970069	HUB, LOVEJOY, L095, 3/4IN W/KW	1
970070	HUB, LOVEJOY, L095, 1IN W/KW	1
970071	SPIDER, L/AL090/095	1
970081	KEY, SQ 1/4 X 3/4	1
970124	LOAD BLOCK ASSY, ACME	1
970133	SPACER, F/LIMIT SWITCH RODS	1
970169	SPLIT WASHER, UHMW .094IN, ID .	2
970247	ACME NUT	1
970275	MOTOR MOUNT ASSY, CURT MACHINE	1
970278	WASHER, FLAT, 1.00 ID X 1.63 OD	1
970304	BRACKET ASSY, ENCLOSURE MTG	1
970361	BRACKET, PROTECTION HOOD	1
970461	BEARING BLOCK ASSY, CURT MACHINE	1
970464	LIMIT SWITCH ASSY, WR CM	1
970674	REDUCER, 60:1, .75 SHAFT, 3.54 FRAME	1
970794	SCREW, 1/4-20 X 1-3/4in	1
970810	SPRING, 5/8in X 3-1/4in	2
00051194	NUT, HEX LOCK 1/4-20 SS NYLOC	1

PART #	DESCRIPTION	QTY
CURTAIN MACHINES W/PULLEY 970500-XX and 970501-XX (all sizes)		
970458	PLATE ASSEMBLY, TOP F/CABLE	1
CURTAIN MACHINES W/SPROCKET 970504-XX and 970505-XX (all sizes)		
970457	PLATE ASSEMBLY, TOP F/CHAIN	1
CURTAIN MACHINES W/220V 970500-XX and 970504-XX (all sizes)		
970672	CAPACITOR, F/70675 MOTOR	1
970689	MOTOR, 90W, 220/230VAC, 50/60HZ, 1P	1
CURTAIN MACHINES W/110V 970501-XX and 970505-XX (all sizes)		
970676	MOTOR, 90W, 110/115V, 60HZ, 1P	1
24" CURTAIN MACHINES 970500-24, 970501-24, 970504-24 & 970505-24		
970300	ROD, LIMIT SWITCH, 24" MACHINE	1
970301	ACME SCREW ASSY, 35.5"LG SCREW	1
970452	BOX ASSY, 24" CURTAIN MACHINE	1
36" CURTAIN MACHINES 970500-36, 970501-36, 970504-36 & 970505-36		
970266	ROD, LIMIT SWITCH, 36" MACHINE	1
970279	ACME SCREW ASSY, 47.5"LG SCREW	1
970453	BOX ASSY, 36" CURTAIN MACHINE	1
48" CURTAIN MACHINES 970500-48, 970501-48, 970504-48 & 970505-48		
970268	ROD, LIMIT SWITCH, 48" MACHINE	1
970280	ACME SCREW ASSY, 59.5"LG SCREW	1
970454	BOX ASSY, 48" CURTAIN MACHINE	1
72" CURTAIN MACHINES 970500-72, 970501-72, 970504-72 & 970505-72		
970296	ROD, LIMIT SWITCH, 72" MACHINE	1
970281	ACME SCREW ASSY, 83.5"LG SCREW	1
970455	BOX ASSY, 72" CURTAIN MACHINE	1

*Call tech support for replacement parts used on older model curtain machines.

Exploded View: ATLAS™ Weather Resistant Ball Screw (970508, 970512)

(Updated April 2023)



*Call tech support for replacement parts used on older model curtain machines.

Parts List: ATLAS™ Weather Resistant Ball Screw (970508, 970512)

(Updated April 2023)

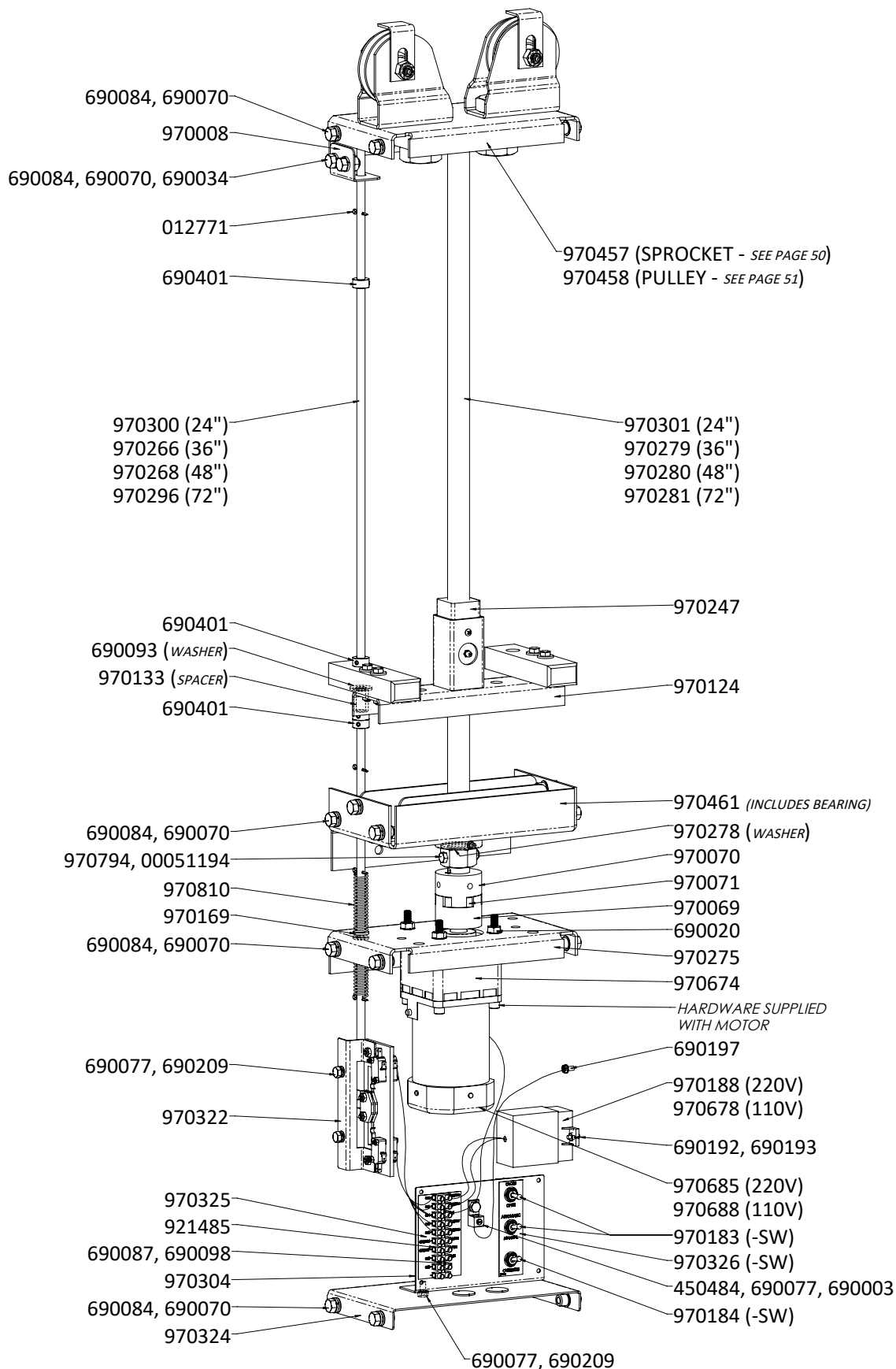
PART #	DESCRIPTION	QTY
INTERCHANGEABLE PARTS - ALL SIZES		
012771	PIN, COTTER 3/32 X 3/4	4
610607	CABLE TIE, 3.62"L, .093"W	2
690003	NUT, KEP 1/4-20 ZP	3
690020	NUT, KEP 5-16-18 ZP	5
690034	NUT, KEP 3/8-16 ZP	2
690070	WASHER, LOCK, 3/8, ZP	20
690077	SCREW, 1/4-20 X 1/2 HHCS, ZP	6
690084	SCREW, 3/8-16 X 0.75 HHCS ZP	20
690093	WASHER, FLAT 3/8 USS ZP	1
690168	SCREW, 5/16-18 X 1 HHCS ZP	4
690190	HOLDER, TY-RAP #1A870 GRAINGER	2
690192	SCREW, 8-32 X 1/2 RHMS, ZP	1
690193	NUT, KEP, 8-32, ZP	1
690197	SCREW, 10-32 X 3/8 THD CUT #11-104	1
690209	WASHER, LOCK 1/4 SPLIT, ZP	4
690348	QUICK CONNECT 18-22 AWG .110	5
690354	SCREW, #8-18 X 1/2 PPHMS ZP	4
690401	COLLAR, SET 3/8 SS (1/4-20 THREAD)	5
690453	SOCKET BOLT, 5/16-18 X 2-1/2"	1
921632	WIRE HARNESS, CURT, BALL, WR	1
970008	SUPPORT, ROD, .469" GUIDE HOLE	1
970070	HUB, LOVEJOY, L095, 1IN W/KW	1
970071	SPIDER, L/AL090/095	1
970081	KEY, SQ 1/4 X 3/4	1
970133	SPACER, F/LIMIT SWITCH RODS	1
970169	SPLIT WASHER, UHMW .094IN, ID .	2
970275	MOTOR MOUNT ASSY, CURT MACHINE	1
970278	WASHER, FLAT, 1.00 ID X 1.63 OD	1
970304	BRACKET ASSY, ENCLOSURE MTG	1
970313	LOAD BLOCK ASSY, BALL SCREW	1
970361	BRACKET, PROTECTION HOOD	1
970377	MOTOR, .12HP, 220/230V, 50/60HZ, 1P	1

PART #	DESCRIPTION	QTY
970378	GEARBOX, #5GE60SA	1
970380	COLLAR, LOAD	1
970461	BEARING BLOCK ASSY, CURT MACHINE	1
970463	CONTROL ASSY, SAFETRAC	1
970464	LIMIT SWITCH ASSY, WR CM	1
970683	CAPACITOR, 7.0 uF	1
970801	HUB, LOVEJOY, L095, 5/8IN W/KW	1
970810	SPRING, 5/8in X 3-1/4in	2
CURTAIN MACHINES W/PULLEY 970508-XX (all sizes)		
970458	PLATE ASSEMBLY, TOP F/CABLE	1
CURTAIN MACHINES W/SPROCKET 970512-XX (all sizes)		
970457	PLATE ASSEMBLY, TOP F/CHAIN	1
24" CURTAIN MACHINES 970508-24 & 970512-24		
970300	ROD, LIMIT SWITCH, 24" MACHINE	1
970382	SCREW, BALL F/24" MACHINING	1
970452	BOX ASSY, 24" CURTAIN MACHINE	1
36" CURTAIN MACHINES 970508-36 & 970512-36		
970266	ROD, LIMIT SWITCH, 36" MACHINE	1
970383	SCREW, BALL F/36" MACHINING	1
970453	BOX ASSY, 36" CURTAIN MACHINE	1
48" CURTAIN MACHINES 970508-48 & 970512-48		
970268	ROD, LIMIT SWITCH, 48" MACHINE	1
970384	SCREW, BALL F/48" MACHINING	1
970454	BOX ASSY, 48" CURTAIN MACHINE	1
72" CURTAIN MACHINES 970508-72 & 970512-72		
970296	ROD, LIMIT SWITCH, 72" MACHINE	1
970385	SCREW, BALL F/72" MACHINING	1
970455	BOX ASSY, 72" CURTAIN MACHINE	1

*Call tech support for replacement parts
used on older model curtain machines.

Exploded View: SafeTRAC™ Indoor Acme Screw (970532, 970536, 970540, 970544)

(Updated February 2019)



*Call tech support for replacement parts used on older model curtain machines.

Parts List: SafeTRAC™ Indoor Acme Screw (970532, 970536, 970540, 970544)

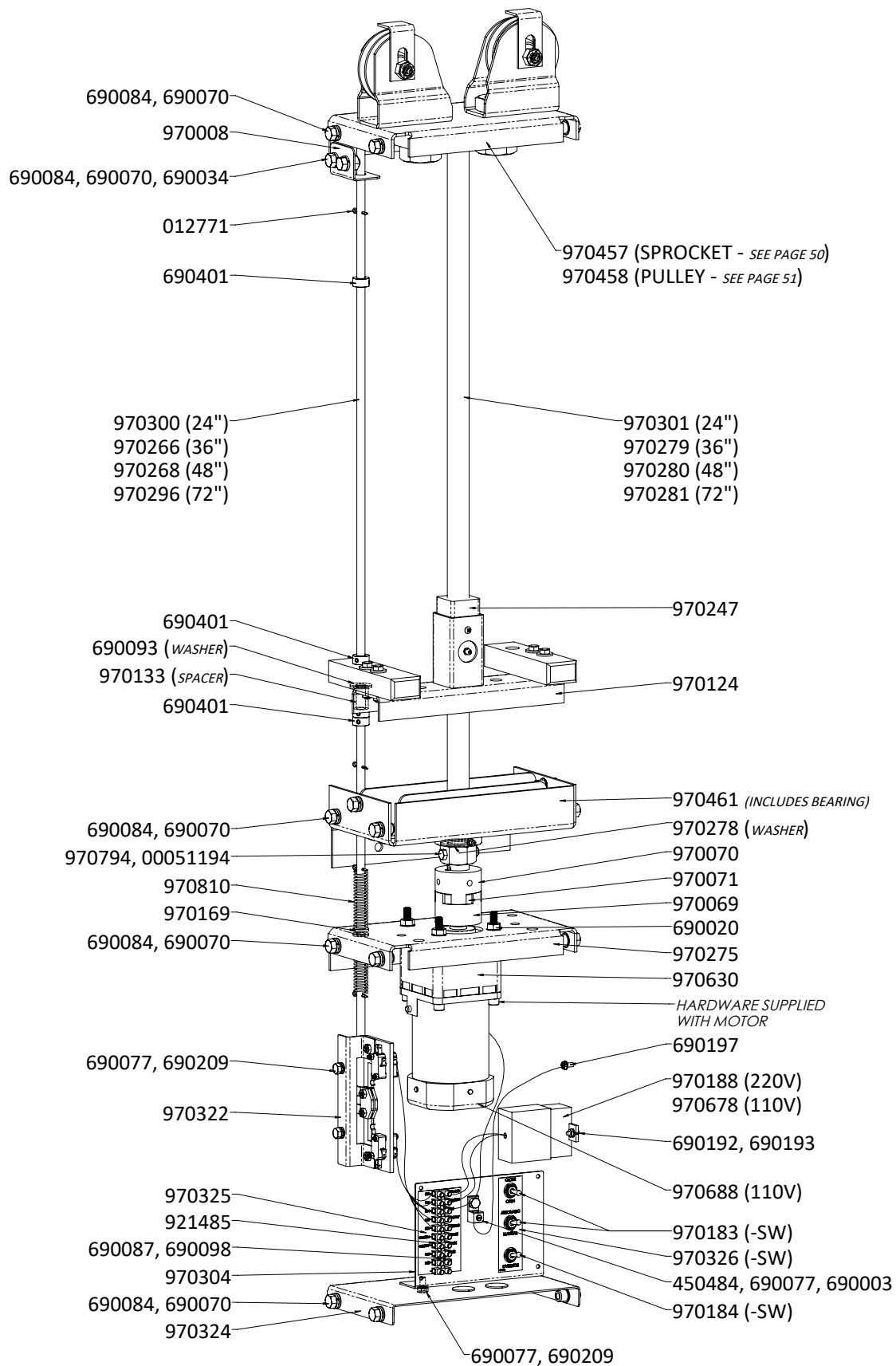
(Updated February 2019)

PART #	DESCRIPTION	QTY
INTERCHANGEABLE PARTS - ALL SIZES (including -SW)		
012771	PIN, COTTER 3/32 X 3/4	4
450484	GROUND BLOCK	1
690003	NUT, KEP 1/4-20 ZP	1
690020	NUT, KEP 5-16-18 ZP	4
690034	NUT, KEP 3/8-16 ZP	2
690070	WASHER, LOCK, 3/8, ZP	20
690077	SCREW, 1/4-20 X 1/2 HHCS, ZP	5
690084	SCREW, 3/8-16 X 0.75 HHCS ZP	20
690087	SCREW, 6-32 X 5/8 RHMS ZP	2
690093	WASHER, FLAT 3/8 USS ZP	1
690098	NUT, KEP 6-32 ZP	2
690192	SCREW, 8-32 X 1/2 RHMS, ZP	1
690193	NUT, KEP, 8-32, ZP	1
690197	SCREW, 10-32 X 3/8 THD CUT #11-104	1
690209	WASHER, LOCK 1/4 SPLIT, ZP	4
690401	COLLAR, SET 3/8 SS (1/4-20 THREAD)	5
921485	WIRE HARNESS, CURT, ACME, IND	1
970008	SUPPORT, ROD, .469" GUIDE HOLE	1
970069	HUB, LOVEJOY, L095, 3/4IN W/KW	1
970070	HUB, LOVEJOY, L095, 1IN W/KW	1
970071	SPIDER, L/AL090/095	1
970081	KEY, SQ 1/4 X 3/4	1
970124	LOAD BLOCK ASSY, ACME	1
970133	SPACER, F/LIMIT SWITCH RODS	1
970169	SPLIT WASHER, UHMW .094IN, ID .	2
970247	ACME NUT	1
970275	MOTOR MOUNT ASSY, CURT MACHINE	1
970278	WASHER, FLAT, 1.00 ID X 1.63 OD	1
970304	BRACKET ASSY, ENCLOSURE MTG	1
970322	LIMIT SWITCH ASSY, INDOOR	1
970324	BOTTOM ASSY, CURTAIN MACH BOX	1
970325	DECAL, TERMINAL STRIP, CURT	1
970461	BEARING BLOCK ASSY, CURT MACHINE	1
970674	REDUCER, 60:1, .75 SHAFT, 3.54 FRAME	1
970794	SCREW, 11/4-20 X 1-3/4	1
970810	SPRING, 5/8in X 3-1/4in	2
00051194	NUT, HEX LOCK 1/4-20 SS NYLOC	1

PART #	DESCRIPTION	QTY
CURTAIN MACHINES W/SWITCH 9705XX-XX-SW (all sizes)		
970183	SWITCH ASSY, OP/CL, MAN/AUTO	1
970184	SWITCH ASSY, OVERRIDE	1
970326	DECAL, MANUAL SWITCHES, CURT	1
CURTAIN MACHINES W/PULLEY 970532-XX and 970540-XX (all sizes, including -SW)		
970458	PLATE ASSEMBLY, TOP F/CABLE	1
CURTAIN MACHINES W/SPROCKET 970536-XX and 970544-XX (all sizes, including -SW)		
970457	PLATE ASSEMBLY, TOP F/CHAIN	1
CURTAIN MACHINES W/220V 970532-XX and 970536-XX (all sizes, including -SW)		
970188	CAPACITOR, 7.0 uF	1
970685	MOTOR, 90W, 220/230VAC, 50/60HZ	1
CURTAIN MACHINES W/110V 9705040-XX and 970544-XX (all sizes, including -SW)		
970678	CAPACITOR, 30 uF	1
970688	MOTOR, 90W, 110/115V, 60HZ	1
24" CURTAIN MACHINES (including -SW) 970532-24, 970536-24, 970540-24 & 970544-24		
970300	ROD, LIMIT SWITCH, 24" MACHINE	1
970301	ACME SCREW ASSY, 35.5"LG SCREW	1
970452	BOX ASSY, 24" CURTAIN MACHINE	1
36" CURTAIN MACHINES (including -SW) 970532-36, 970536-36, 970540-36 & 970544-36		
970266	ROD, LIMIT SWITCH, 36" MACHINE	1
970279	ACME SCREW ASSY, 47.5"LG SCREW	1
970453	BOX ASSY, 36" CURTAIN MACHINE	1
48" CURTAIN MACHINES (including -SW) 970532-48, 970536-48, 970540-48 & 970544-48		
970268	ROD, LIMIT SWITCH, 48" MACHINE	1
970280	ACME SCREW ASSY, 59.5"LG SCREW	1
970454	BOX ASSY, 48" CURTAIN MACHINE	1
72" CURTAIN MACHINES (including -SW) 970532-72, 970536-72, 970540-72 & 970544-72		
970296	ROD, LIMIT SWITCH, 72" MACHINE	1
970281	ACME SCREW ASSY, 83.5"LG SCREW	1
970455	BOX ASSY, 72" CURTAIN MACHINE	1

*Call tech support for replacement parts used on older model curtain machines.

Exploded View: SafeTRAC™ High Speed Indoor Acme Screw (970561, 970562)



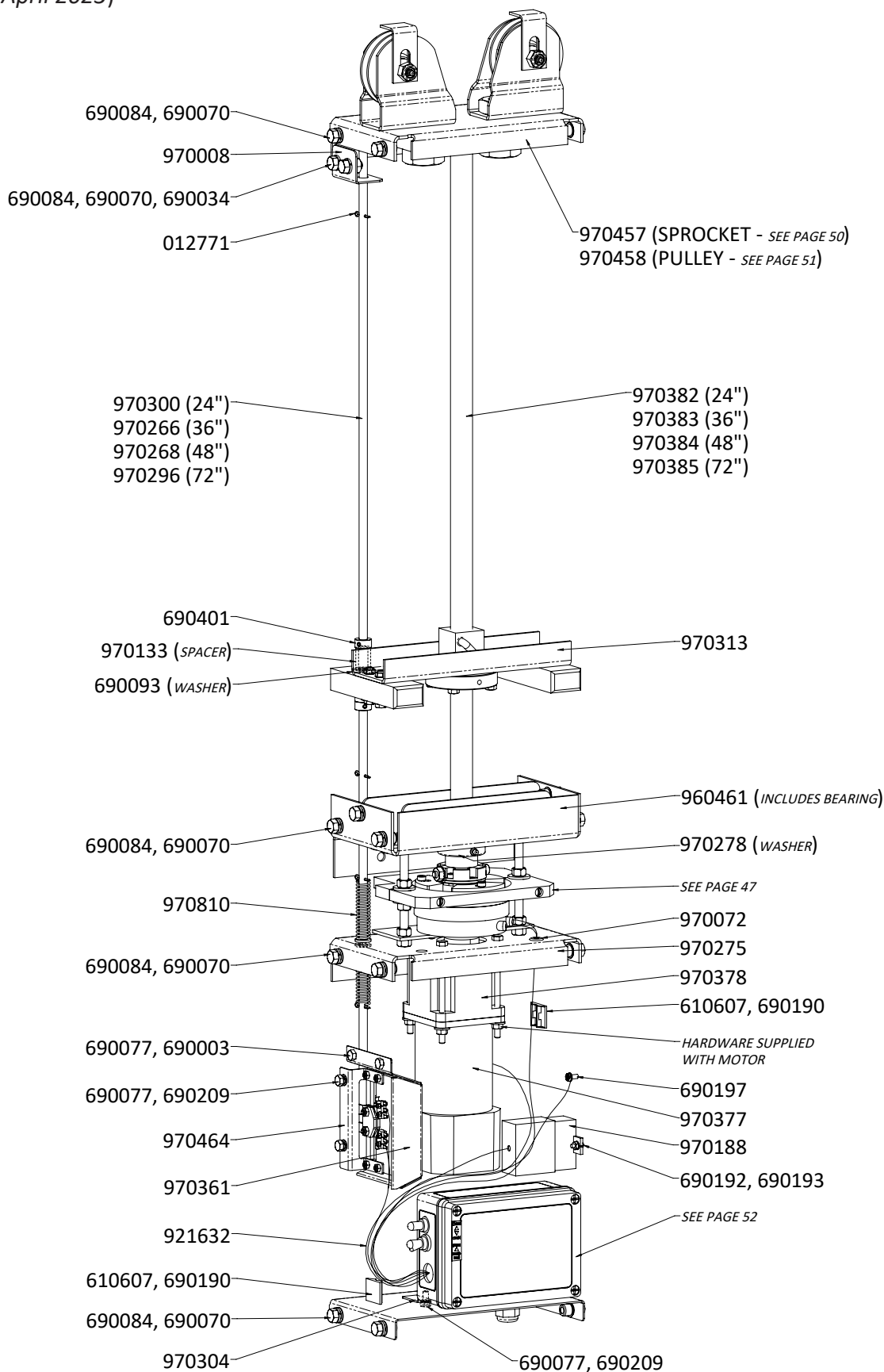
Parts List: SafeTRAC™ High Speed Indoor Acme Screw (970561, 970562)

PART #	DESCRIPTION	QTY
INTERCHANGEABLE PARTS - ALL SIZES (including -SW)		
012771	PIN, COTTER 3/32 X 3/4	4
450484	GROUND BLOCK	1
690003	NUT, KEP 1/4-20 ZP	1
690020	NUT, KEP 5-16-18 ZP	4
690034	NUT, KEP 3/8-16 ZP	2
690070	WASHER, LOCK, 3/8, ZP	20
690077	SCREW, 1/4-20 X 1/2 HHCS, ZP	5
690084	SCREW, 3/8-16 X 0.75 HHCS ZP	20
690087	SCREW, 6-32 X 5/8 RHMS ZP	2
690093	WASHER, FLAT 3/8 USS ZP	1
690098	NUT, KEP 6-32 ZP	2
690192	SCREW, 8-32 X 1/2 RHMS, ZP	1
690193	NUT, KEP, 8-32, ZP	1
690197	SCREW, 10-32 X 3/8 THD CUT #11-104	1
690209	WASHER, LOCK 1/4 SPLIT, ZP	4
690401	COLLAR, SET 3/8 SS (1/4-20 THREAD)	5
921485	WIRE HARNESS, CURT, ACME, IND	1
970008	SUPPORT, ROD, .469" GUIDE HOLE	1
970069	HUB, LOVEJOY, L095, 3/4IN W/KW	1
970070	HUB, LOVEJOY, L095, 1IN W/KW	1
970071	SPIDER, L/AL090/095	1
970081	KEY, SQ 1/4 X 3/4	1
970124	LOAD BLOCK ASSY, ACME	1
970133	SPACER, F/LIMIT SWITCH RODS	1
970169	SPLIT WASHER, UHMW .094IN, ID .	2
970247	ACME NUT	1
970275	MOTOR MOUNT ASSY, CURT MACHINE	1
970278	WASHER, FLAT, 1.00 ID X 1.63 OD	1
970304	BRACKET ASSY, ENCLOSURE MTG	1
970322	LIMIT SWITCH ASSY, INDOOR	1
970324	BOTTOM ASSY, CURTAIN MACH BOX	1
970325	DECAL, TERMINAL STRIP, CURT	1
970461	BEARING BLOCK ASSY, CURT MACHINE	1
970630	REDUCER, 30:1, .75 SHAFT, 3.54 FRAME	1
970688	MOTOR, 90W, 110/115V, 60HZ	1
970794	SCREW, 11/4-20 X 1-3/4	1
970810	SPRING, 5/8in X 3-1/4in	2
00051194	NUT, HEX LOCK 1/4-20 SS NYLOC	1

PART #	DESCRIPTION	QTY
CURTAIN MACHINES W/SWITCH 97056X-XX-SW (all sizes)		
970183	SWITCH ASSY, OP/CL, MAN/AUTO	1
970184	SWITCH ASSY, OVERRIDE	1
970326	DECAL, MANUAL SWITCHES, CURT	1
CURTAIN MACHINES W/PULLEY 970561-XX (all sizes, including -SW)		
970458	PLATE ASSEMBLY, TOP F/CABLE	1
CURTAIN MACHINES W/SPROCKET 970562-XX (all sizes, including -SW)		
970457	PLATE ASSEMBLY, TOP F/CHAIN	1
24" CURTAIN MACHINES (including -SW) 970561-24 & 970562-24		
970300	ROD, LIMIT SWITCH, 24" MACHINE	1
970301	ACME SCREW ASSY, 35.5"LG SCREW	1
970452	BOX ASSY, 24" CURTAIN MACHINE	1
36" CURTAIN MACHINES (including -SW) 970561-36 & 970562-36		
970266	ROD, LIMIT SWITCH, 36" MACHINE	1
970279	ACME SCREW ASSY, 47.5"LG SCREW	1
970453	BOX ASSY, 36" CURTAIN MACHINE	1
48" CURTAIN MACHINES (including -SW) 970561-48 & 970562-48		
970268	ROD, LIMIT SWITCH, 48" MACHINE	1
970280	ACME SCREW ASSY, 59.5"LG SCREW	1
970454	BOX ASSY, 48" CURTAIN MACHINE	1
72" CURTAIN MACHINES (including -SW) 970561-72 & 970562-72		
970296	ROD, LIMIT SWITCH, 72" MACHINE	1
970281	ACME SCREW ASSY, 83.5"LG SCREW	1
970455	BOX ASSY, 72" CURTAIN MACHINE	1

Exploded View: ATLAS™ Weather Resistant with Clutch (970516, 970520)

(Updated April 2023)

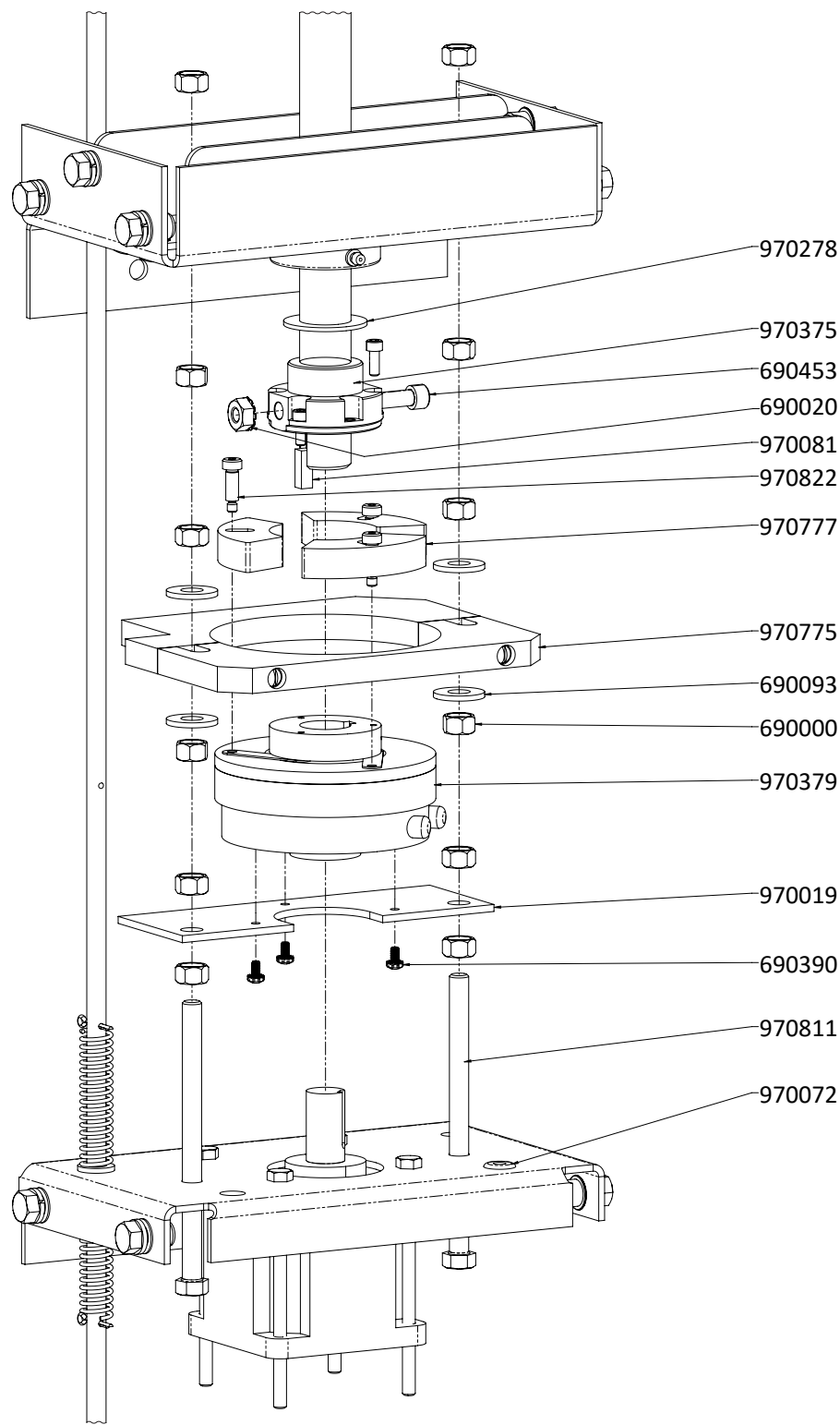


*Call tech support for replacement parts used on older model curtain machines.

See Page 12 for Bill of Materials.

Exploded View: ATLAS™ Weather Resistant with Clutch - Detail (970516, 970520)

(Updated April 2023)



*Call tech support for replacement parts
used on older model curtain machines.

See Page 12 for Bill of Materials.

Parts List: ATLAS™ Weather Resistant with Clutch (970516, 970520)

(Updated April 2023)

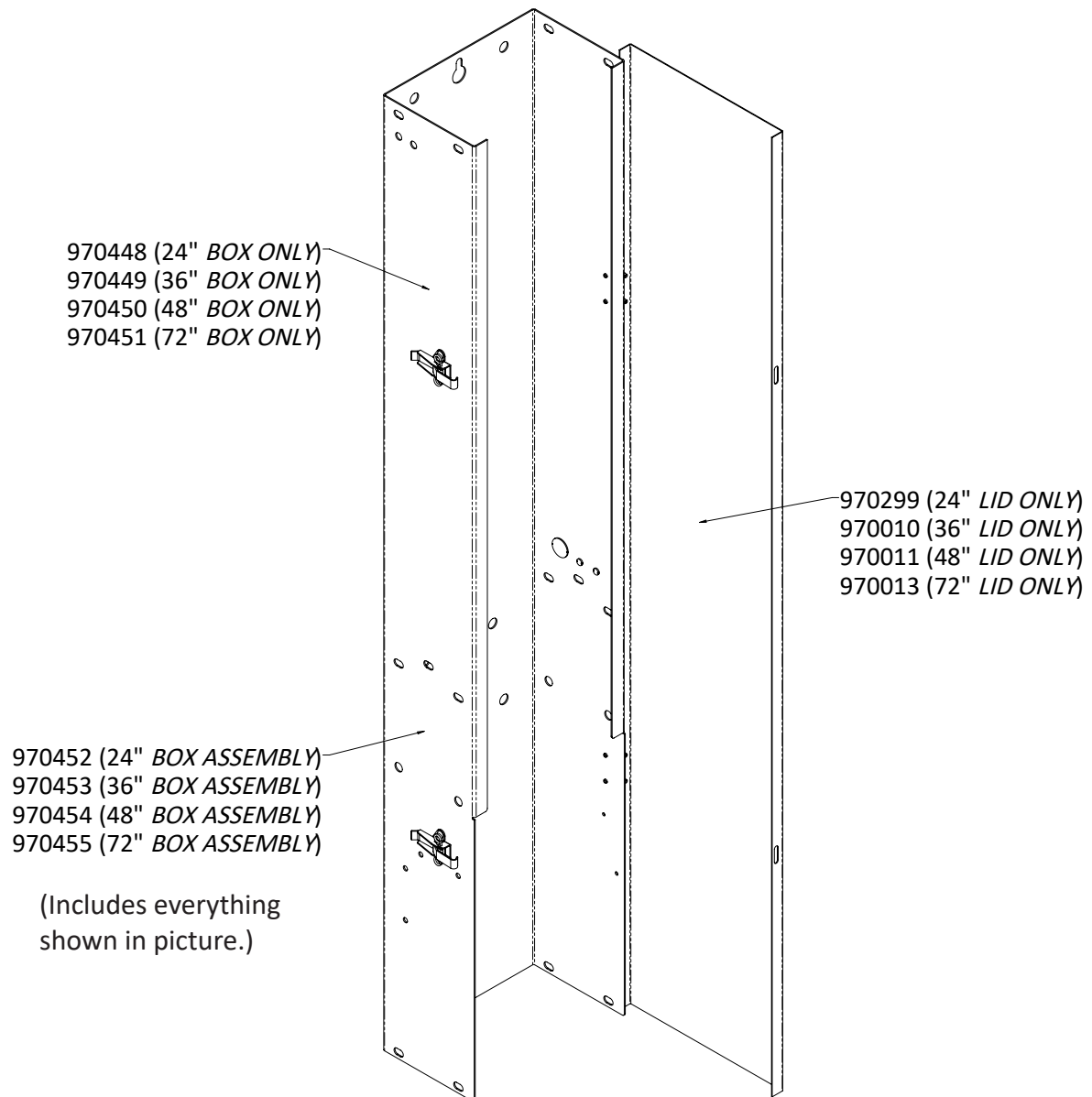
PART #	DESCRIPTION	QTY
INTERCHANGEABLE PARTS - ALL SIZES		
012771	PIN, COTTER 3/32 X 3/4	4
610607	CABLE TIE, 3.62"L, .093"W	2
690000	NUT, HEX 3/8-16 ZP	12
690003	NUT, KEP 1/4-20 ZP	2
690020	NUT, KEP 5-16-18 ZP	5
690034	NUT, KEP 3/8-16 ZP	2
690070	WASHER, LOCK, 3/8, ZP	20
690077	SCREW, 1/4-20 X 1/2 HHCS, ZP	6
690084	SCREW, 3/8-16 X 0.75 HHCS ZP	20
690093	WASHER, FLAT 3/8 USS ZP	5
690168	SCREW, 5/16-18 X 1 HHCS ZP	4
690190	HOLDER, TY-RAP #1A870 GRAINGER	2
690192	SCREW, 8-32 X 1/2 RHMS, ZP	1
690193	NUT, KEP, 8-32, ZP	1
690197	SCREW, 10-32 X 3/8 THD CUT #11-104	1
690209	WASHER, LOCK 1/4 SPLIT, ZP	4
690348	QUICK CONNECT 18-22 AWG .110	5
690354	SCREW, #8-18 X 1/2 PPHMS ZP	4
690390	SCREW, 8/32 X 5/16 RH-SEM SP	3
690401	COLLAR, SET 3/8 SS (1/4-20 THREAD)	4
690453	SOCKET BOLT, 5/16-18 X 2-1/2"	1
921299	TERMINAL, RING 18-14 AWG #6	2
921632	WIRE HARNESS, CURT, BALL, WR	1
970008	SUPPORT, ROD, .469" GUIDE HOLE	1
970019	MOUNT, CLUTCH	1
970072	GROMMET, RUBBER	1
970081	KEY, SQ 1/4 X 3/4	1
970133	SPACER, F/LIMIT SWITCH RODS	1
970188	CAPACITOR, F/970032 (220 W/BRA	1
970169	SPLIT WASHER, UHMW .094IN, ID .	2
970264	BOTTOM ASSY , CURTAIN MACH BOX	1
970275	MOTOR MOUNT ASSY, CURT MACHINE	1
970278	WASHER, FLAT, 1.00 ID X 1.63 OD	1
970304	BRACKET ASSY, ENCLOSURE MTG	1
970313	LOAD BLOCK ASSY, BALL SCREW	1
970361	BRACKET, PROTECTION HOOD	1

PART #	DESCRIPTION	QTY
970364	CLUTCH FINGER RETAINER SPRING	3
970375	COLLAR, LOAD	1
970377	MOTOR, .12HP, 220/230V, 50/60HZ, 1P	1
970378	GEARBOX, #5GE60SA	1
970379	CLUTCH, 220V 1IN X 5/8IN	1
970461	BEARING BLOCK ASSY, CURT MACHINE	1
970464	LIMIT SWITCH ASSY, WR CM	1
970775	GUARD, CLUTCH, CURT MACHINE	1
970777	SHOE, CLUTCH, CURT MACHINE	3
970810	SPRING, 5/8in X 3-1/4in	2
970822	SCREW, 1/4 X 5/8 SHOULDER	3
CURTAIN MACHINES W/PULLEY 970516-XX (all sizes)		
970458	PLATE ASSEMBLY, TOP F/CABLE	1
CURTAIN MACHINES W/SPROCKET 970520-XX (all sizes)		
970457	PLATE ASSEMBLY, TOP F/CHAIN	1
24" CURTAIN MACHINES 970516-24 & 970520-24		
970300	ROD, LIMIT SWITCH, 24" MACHINE	1
970382	SCREW, BALL F/24" MACHINING	1
970452	BOX ASSY, 24" CURTAIN MACHINE	1
36" CURTAIN MACHINES 970516-36 & 970520-36		
970266	ROD, LIMIT SWITCH, 36" MACHINE	1
970383	SCREW, BALL F/36" MACHINING	1
970453	BOX ASSY, 36" CURTAIN MACHINE	1
48" CURTAIN MACHINES 970516-48 & 970520-48		
970268	ROD, LIMIT SWITCH, 48" MACHINE	1
970384	SCREW, BALL F/48" MACHINING	1
970454	BOX ASSY, 48" CURTAIN MACHINE	1
72" CURTAIN MACHINES 970516-72 & 970520-72		
970296	ROD, LIMIT SWITCH, 72" MACHINE	1
970385	SCREW, BALL F/72" MACHINING	1
970455	BOX ASSY, 72" CURTAIN MACHINE	1

*Call tech support for replacement parts used on older model curtain machines.

Box and Lid Assemblies

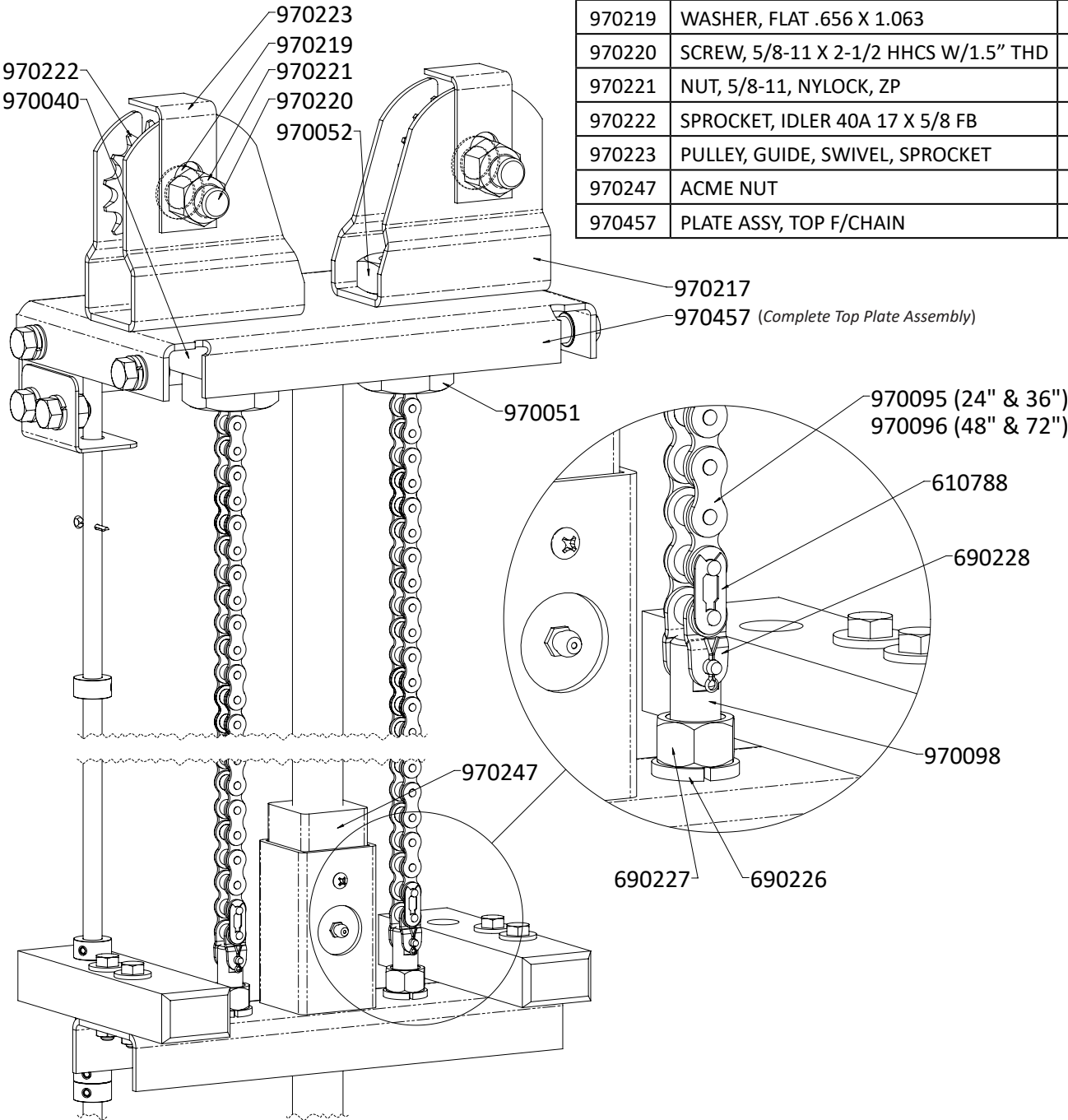
PART #	DESCRIPTION	QTY
970452 - 24" BOX ASSEMBLY		
970299	LID, ACTUATOR, 24"	1
970448	BOX, 24" CURTAIN MACHINE	1
970453 - 36" BOX ASSEMBLY		
970010	LID, ACTUATOR, 36"	1
970449	BOX, 36" CURTAIN MACHINE	1
970454 - 48" BOX ASSEMBLY		
970011	LID, ACTUATOR, 48"	1
970450	BOX, 48" CURTAIN MACHINE	1
970455 - 72" BOX ASSEMBLY		
970013	LID, ACTUATOR, 72"	1
970451	BOX, 72" CURTAIN MACHINE	1



Header Assembly with Chain and Sprocket

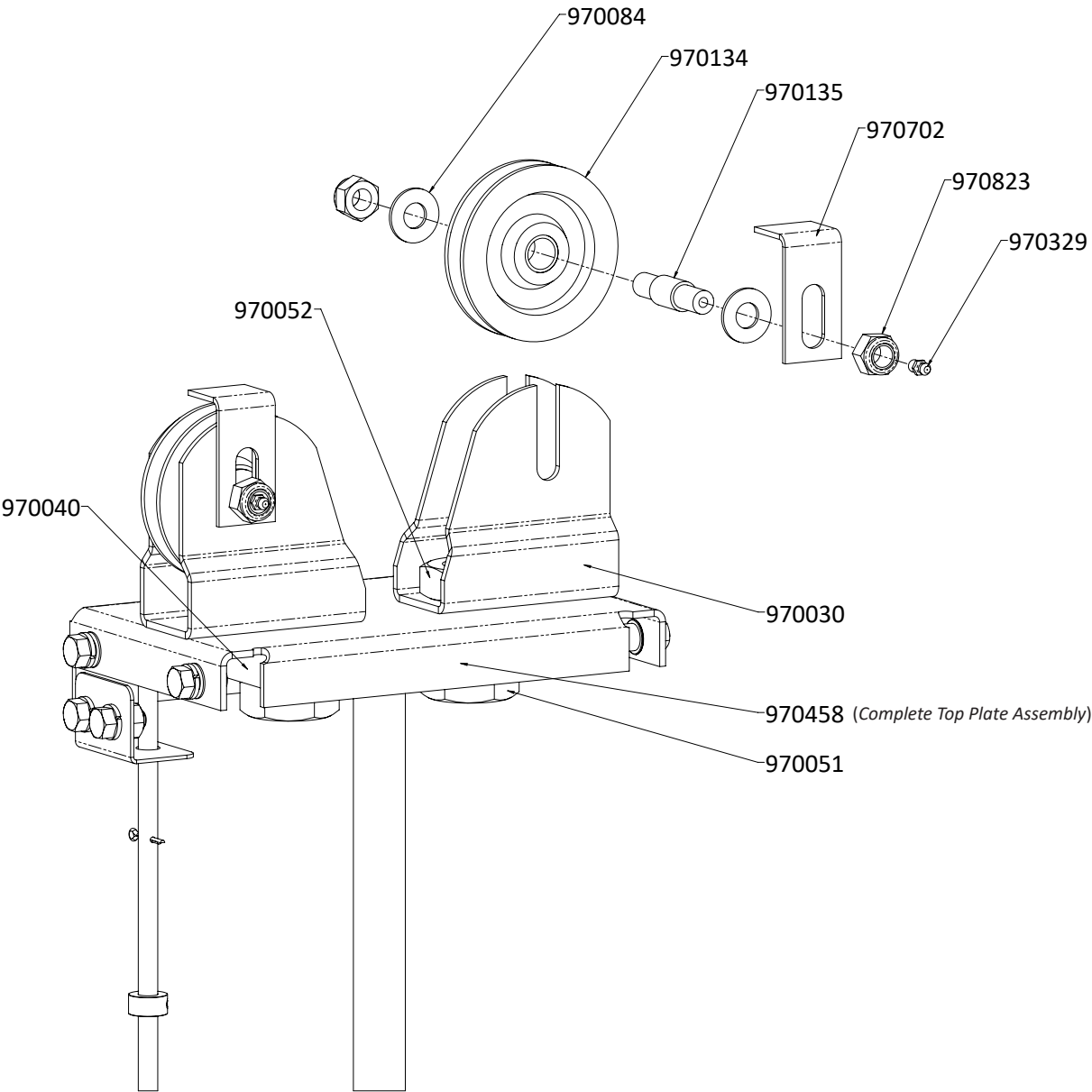
PART #	DESCRIPTION	QTY
CHAIN - ALL 24" & 36" CURTAIN MACHINES WITH SPROCKETS		
970095	CHAIN, RLR #40 X 48" W/CONN	2
CHAIN - ALL 48" & 72" CURTAIN MACHINES WITH SPROCKETS		
970096	CHAIN, RLR #40 X 84" W/CONN	2

PART #	DESCRIPTION	QTY
HARDWARE - ALL CURTAIN MACHINES WITH SPROCKETS		
610788	CONNECTOR LINK, #40 RLR CHAIN	2
690226	WASHER, LOCK 1/2 SPLIT ZP	2
690227	NUT HEX 1/2-13 ZP	2
690228	LINK, OFFSET #40 RLR CHAIN	2
970040	CABLE BUSHING	1
970051	BOLT, SWIVEL, PULLEY	2
970052	NUT, SWIVEL, PULLEY	2
970098	SCREW, DRILLED F/CHAIN CURT MACHINE	2
970217	BRACKET, SWIVEL, SPROCKET	2
970219	WASHER, FLAT .656 X 1.063	4
970220	SCREW, 5/8-11 X 2-1/2 HHCS W/1.5" THD	2
970221	NUT, 5/8-11, NYLOCK, ZP	2
970222	SPROCKET, IDLER 40A 17 X 5/8 FB	2
970223	PULLEY, GUIDE, SWIVEL, SPROCKET	2
970247	ACME NUT	1
970457	PLATE ASSY, TOP F/CHAIN	1



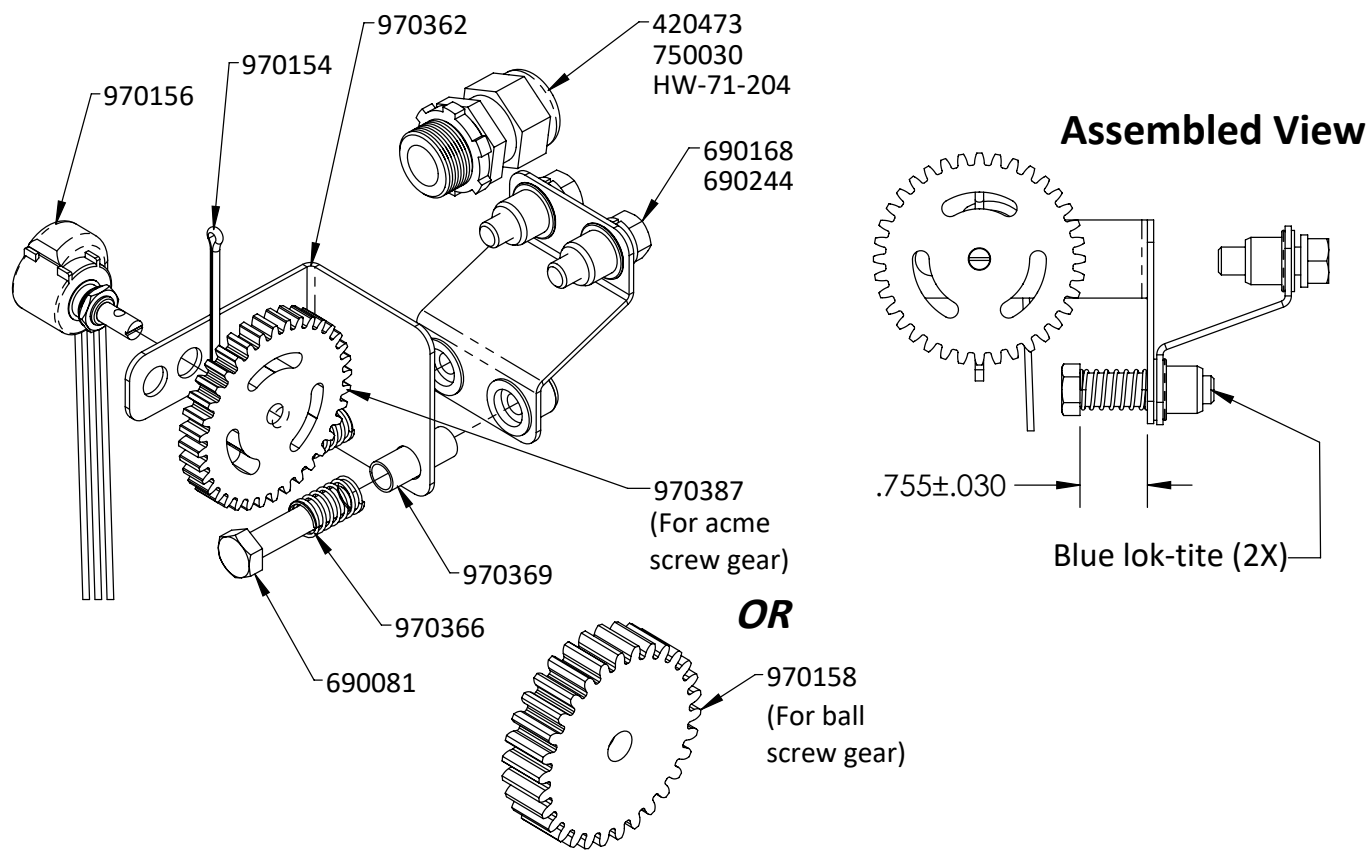
Header Assembly with Cable and Pulley

PART #	DESCRIPTION	QTY
HARDWARE - ALL CURTAIN MACHINES WITH PULLEYS		
970030	BRACKET, SWIVEL	2
970040	CABLE BUSHING	1
970051	BOLT, SWIVEL, PULLEY	2
970052	NUT, SWIVEL, PULLEY	2
970084	WASHER, .468 X 1.062	4
970134	PULLEY, F/CABLE CURTAIN MACHINE	2
970135	SHAFT, FOR PULLEY 970134	2
970329	GREASE FITTING, M6 X 1.0, BRASS	2
970702	PULLEY, GUIDE, SWIVEL	2
970823	NUT, 1/2-13 THIN NYLOCK	2
970458	PLATE ASSY, TOP F/CABLE	1



Potentiometer Kit - Exploded View and Parts List

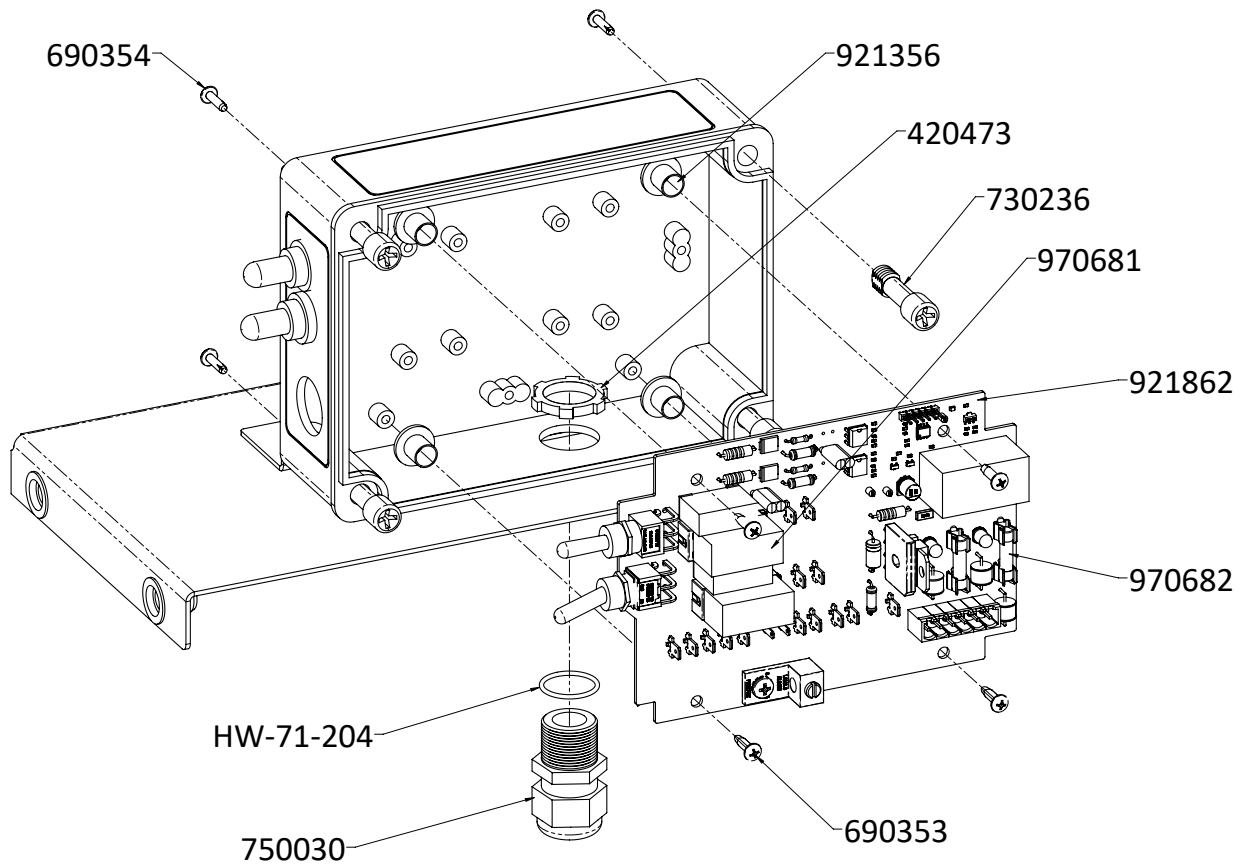
Parts Page (for repair only, kits come assembled from factory)



Part No.	Description	Qty
Common Parts		
420473	CONDUIT NUT, 1/2" NPT	1
690081	HEX BOLT, 5/16-18 X 1-1/2 ZP	2
690168	HEX BOLT, 5/16-18 X 1 ZP	2
690244	LOCK WASHER, 5/16 ZP	2
750030	STRAIN RELIEF, 1/2" NPT	1
970154	COTTER PIN, 3/32 X 1-3/4 ZP	1
970156	POTENTIOMETER, 10 TURN	1
970362	BRACKET, POTENTIOMETER SPRING	1
970366	COMPRESSION SPRING	2
970369	NYLON TUBE, 3/8 OD, 5/16 ID	2
HW-71-204	O-RING, 11/16 ID, 13/16 OD	1
970370 - Potentiometer Kit for Ball Screw Curtain Machines		
970158	GEAR FOR BALL SCREW, 30 TOOTH	1
970371 - Potentiometer Kit for Acme Screw Curtain Machines		
970387	GEAR FOR ACME SCREW, 36 TOOTH	1

Electronic Controls for ATLAS™ Weather Resistant

PART #	DESCRIPTION	QTY
HARDWARE - ALL CURTAIN MACHINES WITH CONTROLS		
420473	1/2" CONDUIT NUT	1
690353	SCREW, #6-19 X 1/2 PPHMS ZP	4
690354	SCREW #8-18 X 1/2" PPHMS ZP	4
730236	ENCLOSURE SCREW	4
750030	CORDGRIP, 1/2" NPT STRAIGHT	1
921356	SHOULDER SPACER 5/16X3/8 NYLON	4
921862	PCB CIRCUIT BOARD 120V/240V	1
970681	RELAY, 12VDC 20A, FORM A	2
970682	FUSE 3.15A 250VAC 5 X 20 MM	2
HW-71-204	O-RING, 11/16 ID, 13/16 OD	1



SafeTRAC™ Gen II Electronic Controls upgrade to ATLAS™

PART #	DESCRIPTION	QTY
COMMON PARTS		
690077	SCREW, 1/4-20 X 1/2 HHCS ZP	2
690209	LOCK WASHER, 1/4 ZP	2
690354	SCREW #8-18 X 1/2" PPHMS ZP	4
970464	LIMIT SWITCH ASSEMBLY	1
970545 - 220V BALL SCREW		
690348	CRIMP TERMINAL, SMALL (BRAKE)	3
921299	RING TERMINAL (CLUTCH)	2
921632	WIRE HARNESS, BALL SCREW	1
970079	CRIMP TERMINAL, LARGE (MOTOR)	5
970463	CONTROL ASSEMBLY, 220V PCB	1
970547 - 220V ACME		
921633	WIRE HARNESS, ACME SCREW	1
970079	CRIMP TERMINAL, LARGE (MOTOR)	4
970463	CONTROL ASSEMBLY, 220V PCB	1
970548 - 110V ACME		
921633	WIRE HARNESS, ACME SCREW	1
970079	CRIMP TERMINAL, LARGE (MOTOR)	4
970462	CONTROL ASSEMBLY, 110V PCB	1

NOTE:

Upgrade kits are ONLY for use with SafeTRAC Gen II Weather Resistant Models. Replacing the control box, limit switches, and wire harness is necessary to upgrade the electronic controls to an ATLAS. Refer to 990192 Quick Sheet for installation information.

