

Series 1051E Solenoid Operated Electro-Mechanical Deadlatches

The Series 1051E Deadlatches are for maximum security swinging doors that are to be unlocked from a remote location. Jamb mounted. Door position indicator switch, door closer and heavy duty door pull are recommended.

ELECTRIC - Remote switch activates a solenoid which retracts the latchbolt. Latchbolt remains retracted until door is opened approximately 2", then it releases, automatically latches and deadlocks when the door is closed.

MECHANICAL - Latchbolt is retracted by a paracentric key at the door and remains retracted until door is opened approximately 2", then it releases, automatically latches and deadlocks when the door is closed.

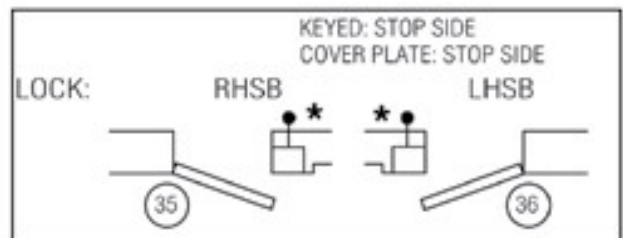
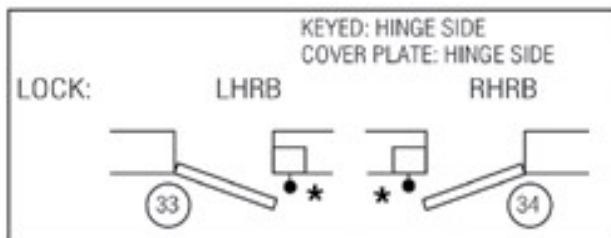
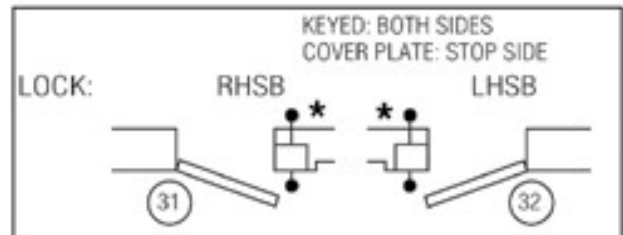
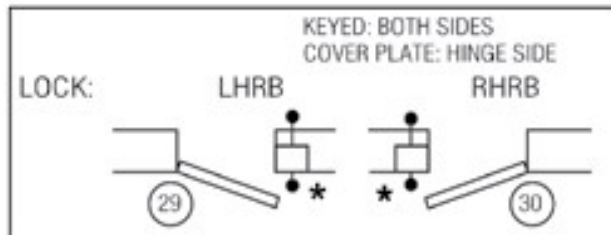
Automatic deadlatch feature is suspended when paracentric key is rotated to mechanical key hold-back position. Normal function is resumed when key is returned to deadlocked position.

SS-1051E-1..... Keyed One Side

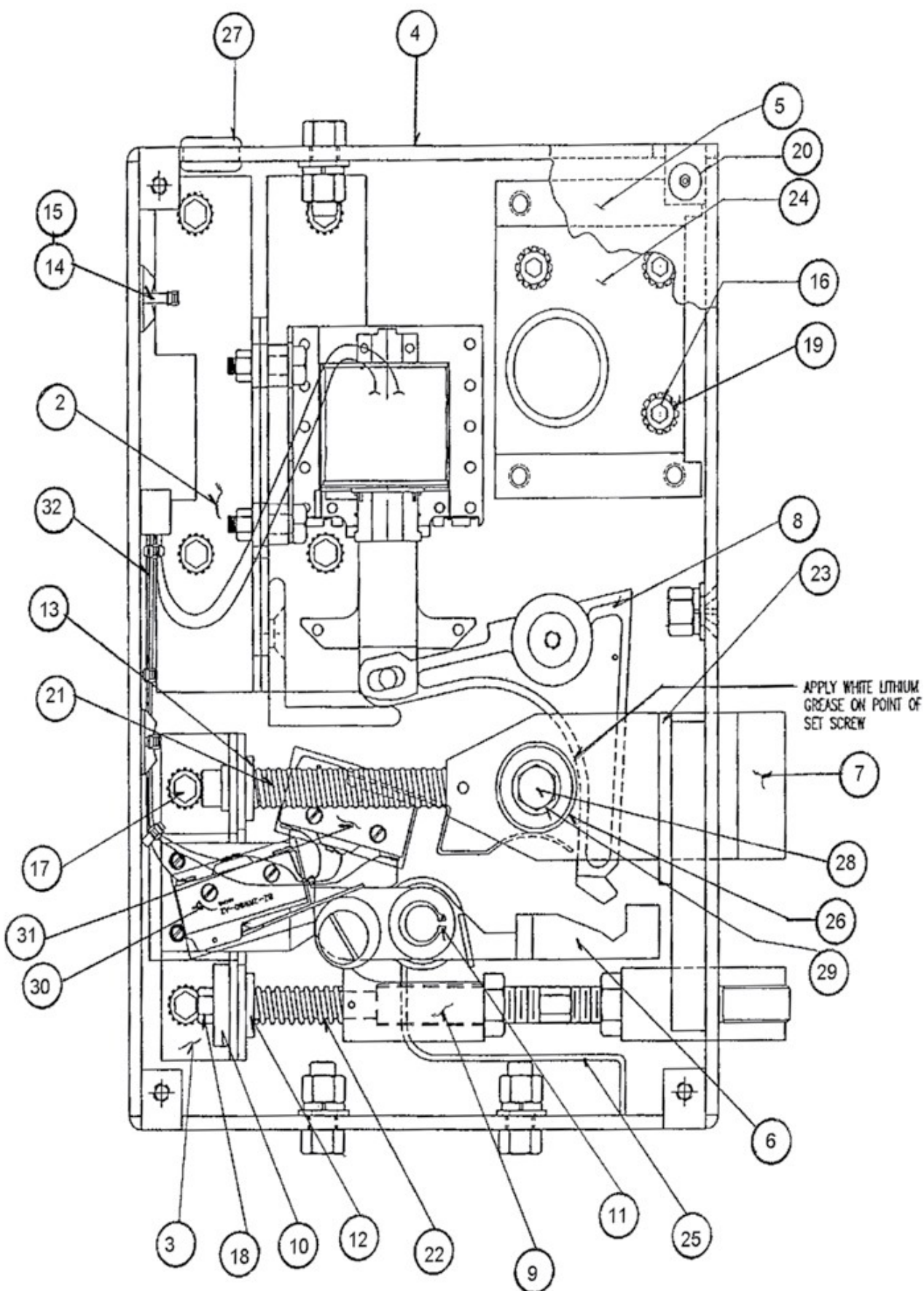
SS-1051E-2.....Keyed Both Sides



Swing Chart: Specify circled swing number when ordering.

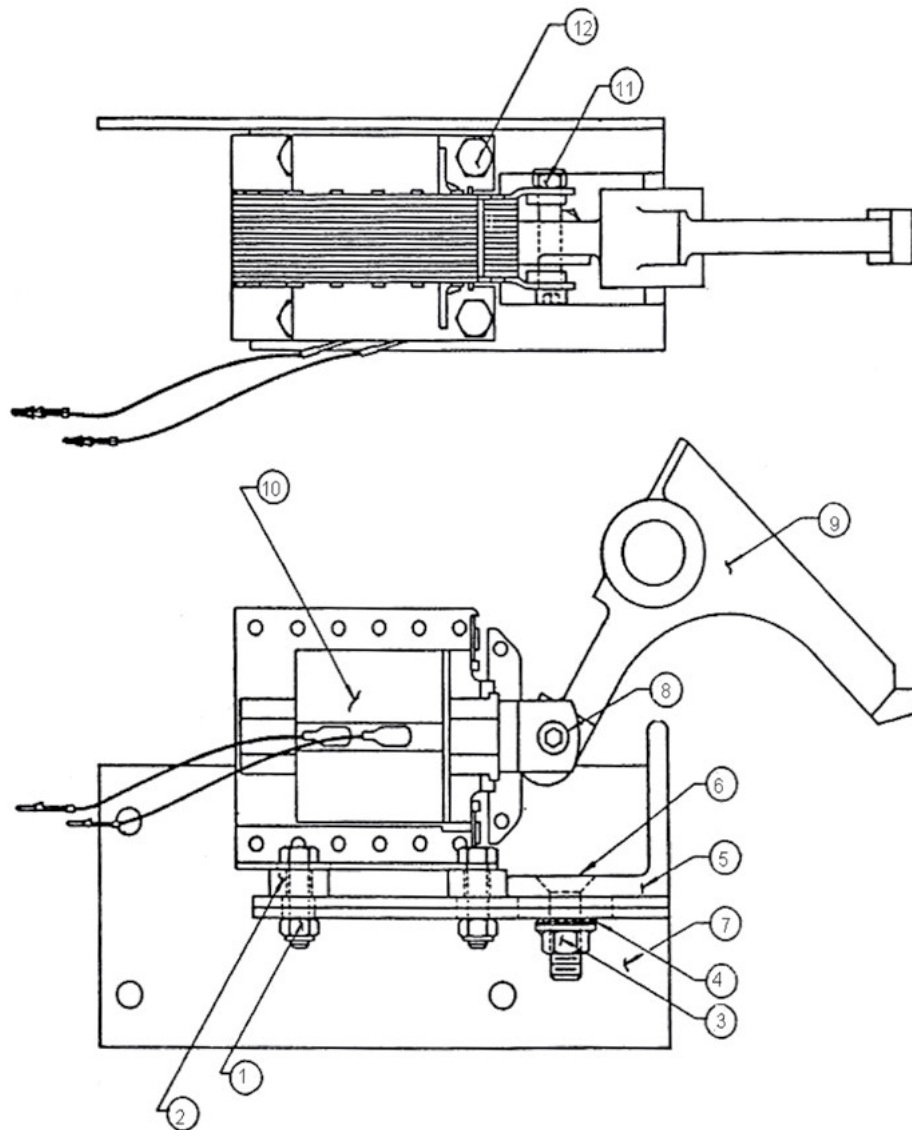


* Indicates lock mounting/access plate side.



1051E Solenoid Operated Electro-Mechanical Deadlatches

Item	Description	Right Hand	Left Hand
1	1051E S/A Less 1010A LK	76763551	76763552
2	1051 Solenoid Module	76763590	76763591
3	LK Bolt Guide & SW SUPP 51E	76763534	76763535
4	51E/M Housing Weldment	76763522	76763523
5	51E/M LK CVR & Sleeve WLD	76763525	76763526
6	Deadlock Cam Assembly 51E & M	76763563	76763564
	1051NL Deadlock Cam Assy 51E/M	76763496	76763497
7	Lock Bolt Assy 51M/E RB/SB		76763569
8	Lock Bolt Rocker		76763574
9	51E/M DDLK Roller Bolt Assy		76763576
10	Spacer-Lock Nut DDLK RLR		76763583
11	RET RING		96900605
12	BRZ Bushing		96900987
13	BRZ Bushing		96900988
14	Adhesive Back Mount		96909014
15	Tie Wrap		96909016
16	SKH CS 5/16-18 x 3/8		96914201
17	SKH CS 5/16-18 x 1/2		96914202
18	3/8-16 LK NUT 2-W Reverse		96920622
19	External Washer 5/16		96920852
20	FH TRX TMPRF 1/4-20 x 1/2 Zinc		96925175
21	Spring LK Bolt 51M & 51E		96960518
22	DDLK Bolt Spring 51E, 120M/A		96960519
23	1051E/M LK Bolt Stop STMP		96963542
24	51M/E Supt Bkt Key LK	96963545	96963544
25	51M/E DDLK Cam Spring	96963590	96963592
26	Lock Bolt Bushing 51M & 51E		76763572
27	Rubber Grommet		96908993
28	3/8-16 x 1-1/2" Bolt		96916259
29	3/8-16 Hex Hug Nut RH		96920622
30	Switch – Dead Lock		96905105
31	Switch – Lock Bolt		96905104
32	1051E SWBRKT Harness		76763520
	10120/10300/1051/1058M Pigtail		76763073



1051E Solenoid Sub-Assembly

Item	Description	Right Hand	Left Hand
1	1/4-20 Hex Lock Nut w/Nylon Insert (4 plcs)	96920635	
2	Solenoid Spacer (4 plcs)	76763592	
3	3/8-16 Hex Hug Nut	96929622	
4	3/8 External Lock Washer	96920856	
5	Stop, Solenoid Plunger	76763588	
6	3/8-16 x 1-1/4" Flat Head Screw	96914757	
7	Solenoid Support	96963535	
8	10-24 x 1-1/4" Skt. Head Shoulder Screw	96915888	
9	Machined Solenoid Rocker	76763575	
10	Modified Solenoid (Continuous Duty)	76763072	
11	10-24 Hex Lock Nut, Zinc w/nylon Insert	96920634	
12	1/4-20 x 1" Hex Head Cap Screw (4 plcs)	96916155	

Series 1051M Motor Operated Electro-Mechanical Deadlatches

The Series 1051M Deadlatches are for maximum security swinging doors that are to be unlocked from a remote location. Jamb mounted. Door position indicator switch, door closer and heavy duty door pull are recommended.

ELECTRIC - Remote switch activates a motor which retracts the latchbolt. Latchbolt remains retracted until door is opened approximately 2", then it releases, automatically latches and deadlocks when the door is closed.

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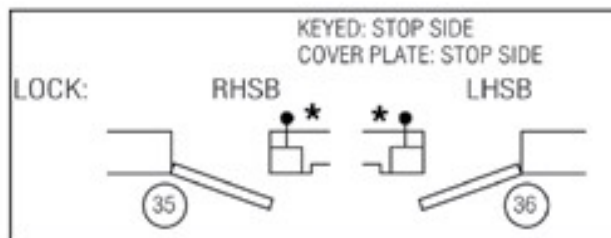
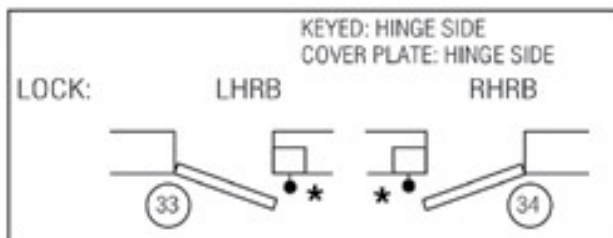
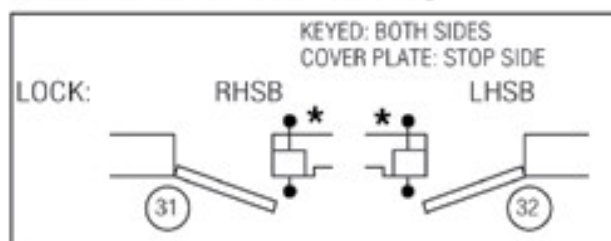
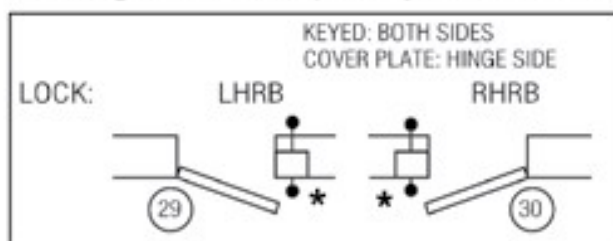
Automatic deadlatch feature is suspended when paracentric key is rotated to mechanical key hold-back position. Normal function is resumed when key is returned to deadlocked position.

SS-1051M-1..... Keyed One Side

SS-1051M-2.....Keyed Both Sides



Swing Chart: Specify circled swing number when ordering.

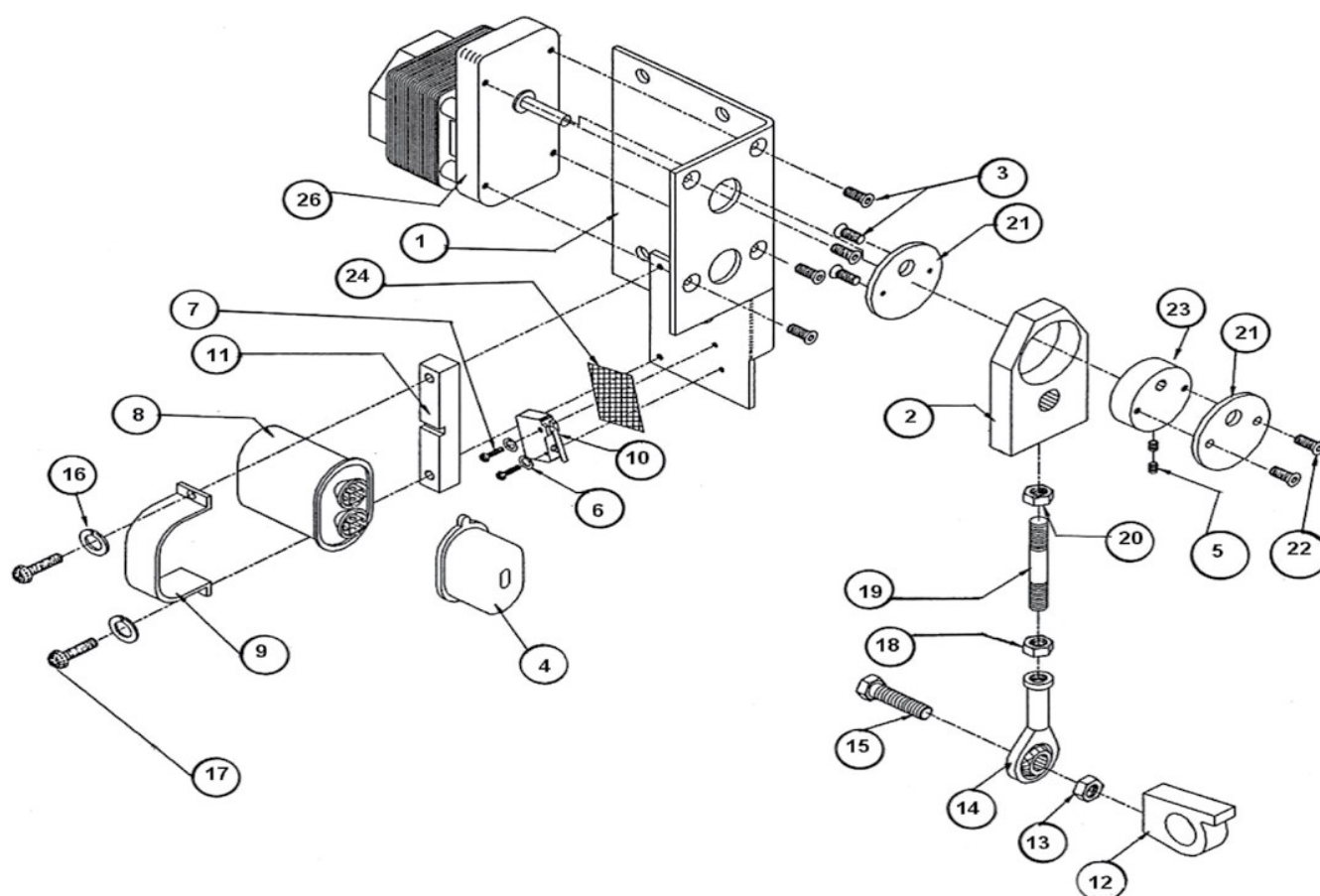


* Indicates lock mounting/access plate side.

1051M Motor Operated Electro-Mechanical Deadlatches

Item	Description	Right Hand	Left Hand
1	50E/M Housing Weldment	76763522	76763523
2	51M Lock RH Motor Assembly – 120 VAC	76763516	76763517
	51M Lock RH Motor Assembly – 24 VDC	76763376	76763377
3	51M/E Lock Cover	76763525	76763526
4	Lock Bolt Assy 51M/E RB/SB		76763569
5	1051M Lock Bolt Rocker		76763574
6	Lock Bolt Bushing 51M & 51E		76763572
7	Deadlock CAM Assembly 51E&M	76763563	76763564
8	#51E/M DDLK Roller Bolt Assembly		76763576
9	Spacer-Lock Nut DDLK RLR		76763583
10	LK Bolt Guide & SW Support Brkt RH 51E	76763534	76763535
12	Motor Limit Switch Wire harness 120VAC	76763185	
	Motor Limit Switch Wire Harness 24 VDC	76763378	

13	RET RING		96900605	
14	BRZ Bushing		96900987	
15	BRZ Bushing		96900988	
16	Rubber Grommet		96908993	
17	Adhesive Back Mounts		96909014	
18	Tie Wrap		96909016	
19	SKH CS 5/16-18 x 3/8		96914201	
20	SHK CS 5/16-18 x 1/2		96914202	
21	HH CS 3/8-16 x 1-1/2		96916259	
22	3/8-16 LK Nut 2-W Reversa		96920622	
23	External Washer 5/16		96920852	
24	FH TRX TMPRF 1/4 - 20 x 1/2 Zinc		96925175	
25	Spring LK Bolt 51M & 51E		96960518	
26	DDLK Bolt Spring 51E, 120M/A		96960519	
27	1051E/M LK Bolt Stop STMP		96963542	
28	51M/E Supt Key LK. Brkt	96963544		96963545
29	51M/E DDLK Cam Spring	96963592		96963590
30	Limit Switch – Lock Bolt		96905104	
31	Limit Switch – Deadlock		76763374	
32	Limit Switch – Motor Run		76763374	
	10120/10300/1051/1058M Pigtail		76763073	



1051M Motor Assembly

Item	Description	Right Hand 96963536	Left Hand 96963537
1	Motor Support RH		
2	Motor Drive		76763530
3	8-32 x 3/8" SKT. FH Screw		96914527
4	Rubber Boot, Capacitor		96908123
5	10-32 x 3/16" SKT Set Screw		96915563
6	#6 SAE Washer		96920816
7	6-32 x 7/8" R.H. Machine Screw		96917031
8	Capacitor		96908050
9	Capacitor Bracket		96908127
10	Limit Switch Motor Run		76763374
11	Spacer, Capacitor		76763533
12	Machined Lock Bolt Rocker Arm		76763573
13	5/16 - 18 Jamb Nut		96920118
14	Rod End		96902558
15	5/16 - 18 x 1-1/4" HH Cap Screw		96916208
16	#8 SAE Washer		96920817
17	8 - 32 x 3/4" RH Machine Screw		96917054
18	5/16 - 24 Jamb Nut RH		96920120
19	Turn Buckle stud for Motor Link		76763532
20	5/16 - 24 Jamb Nut LH		96920121
21	Face Plate for Hub		96963554
22	8/32 x 3/8" F.H. SKT. Screw		96914527
23	Eccentric Drive Hub		76763531
24	Fish Cloth		76763490
	Wire Harness (Motor-Limit Switch)		76763185
26	Motor Module sub-Assembly 110 VAC		76767200

Series 10120AE Solenoid Operated Electro-Mechanical Deadlatch

The Series 10120AE are medium and maximum security swinging doors that are to be unlocked from a remote location. Jamb mounted. Door position indicator switch, door closer and heavy duty door pull are recommended.

ELECTRIC - Remote switch activates a solenoid which retracts the latchbolt. Latchbolt remains retracted until door is opened approximately 2", then it releases, automatically latches and deadlocks when the door is closed.

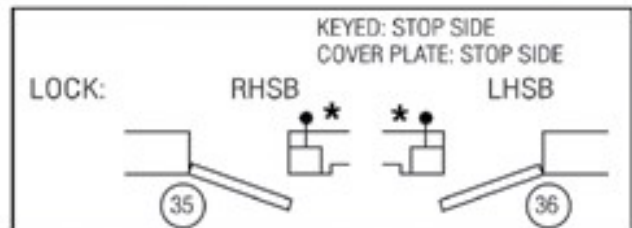
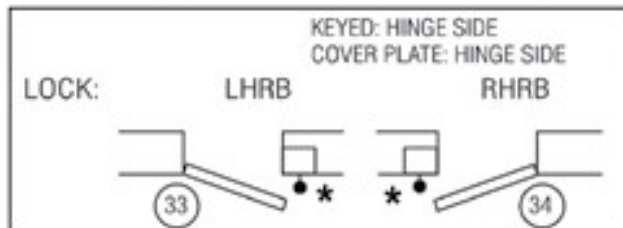
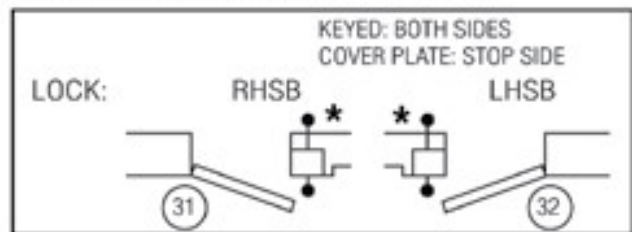
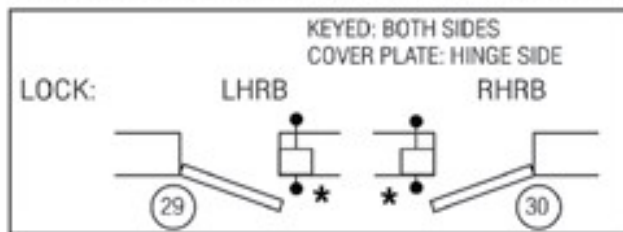
MECHANICAL - Latchbolt is retracted with a mogul key at the door, and remains retracted until door is opened approximately 2", then it releases and automatically latches and deadlocks when the door is closed.

SS-10120AE-1..... Keyed One Side

SS-10120AE-2.....Keyed Both Sides



Swing Chart: Specify circled swing number when ordering.



* Indicates both mounting/access plate side.

10120AE Solenoid Operated Electro-Mechanical Deadlatches

Item Description Right Hand Left Hand

1 10120A Sub-Assembly J/R
(For right or left hand assy std or rev bevel)
5 Cylinder Retainer 76763768
7 Anchor Plate w/Keyhole 76763868
8 Anchor Plate w/o Keyhole 76763869
9 Mogul Cylinder J/R
13 Housing Nut - Mogul 76763348
14 Solenoid Mount 96963740
15 10120E/1051E Mod Solenoid 76763072
17 Wire Harness 76763785
18 10120A CV PL w/key hole 76763867
19 Switch Plate 76763872
20 Solenoid Link 96963745
23 Set Screw Collar 96900998
24 Lock Grounding Label 96905001
25 Ground Label 96905002
26 Micro Switch 76763780
28 Term Ring #8 96908976
29 Rubber Grommet 96908993
30 Tie Wrap 96909016
31 Tie Wrap 96909017
32 Push Mount 96909023
33 Cord Clip 96909024
34 SK. BH SCR. 8-32 x 1/4" 96915026
35 SK. BH SCR. 8-32 x 3/8" 96915027
36 SK. BH SCR. 1/4"-20-3/8" 96915151
37 SKH. SHS. 1/4-20 x 1 1/4" 96915888
39 PHMS 4-40 x 1/2 ZP Slotted 99618005
41 Z HLN 10-24 Nylon Insert 96920634
43 Lk Washer #4 96920830
44 Lk Washer #8 96920833
45 Lk Washer 1/4" 96920836
47 FH TRX TRMPRF 1/4-20 x 1/2" Zinc 96925175
48 10120AE 120V UL Label N/A
49 10120AE 120V UL 1034 Label N/A
50 10120AM/MD/E/P Fastener Package 76879990
56 Deadlock Switch Fishcloth 76763796
57 Deadlock Sw Cover Plate Fishcloth 76763797
Not Shown 10120A Strike w/ Fasteners 76710812 76710813
Not Shown 10120AM/MD/E/P Pigtail 76763073

Series 10120AM Motor Operated Electro-Mechanical Deadlatch

The Series 10120AM are medium and maximum security swinging doors that are to be unlocked from a remote location. Jamb mounted. Door position indicator switch, door closer and heavy duty door pull are recommended.

ELECTRIC - Remote switch activates a motor which retracts the latchbolt. Latchbolt remains retracted until door is opened approximately 2", then it releases, automatically latches and deadlocks when the door is closed.

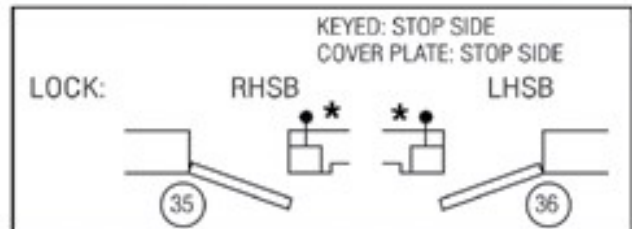
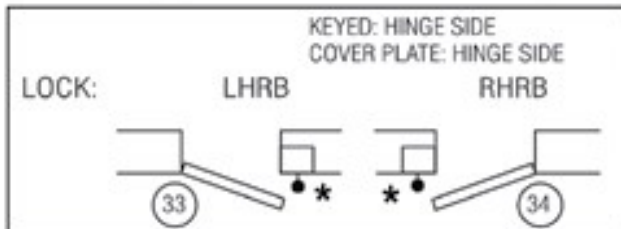
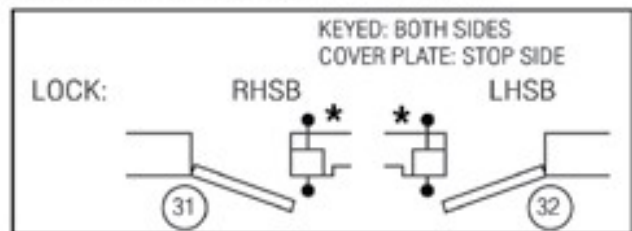
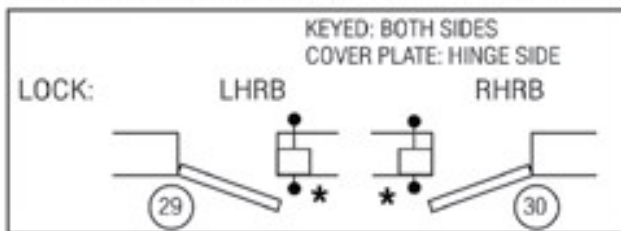
MECHANICAL - Latchbolt is retracted with a mogul key at the door, and remains retracted until door is opened approximately 2", then it releases and automatically latches and deadlocks when the door is closed.

SS-10120AM-1..... Keyed One Side

SS-10120AM-2.....Keyed Both Sides



Swing Chart: Specify circled swing number when ordering.



* Indicates both mounting/access plate side.

10120AM Motor Operated Electro-Mechanical Deadlatches

Item	Description	Right Hand	Left Hand
1	10120A Sub-Assembly	J/R	
5	Cylinder Retainer	76763768	
7	Anchor Plate w/Keyhole	76763868	
8	Anchor Plate w/o Keyhole	76763869	
9	Mogul Cylinder	J/R	
13	Housing Nut - Mogul	76763348	
14	10120AM Motor Mount	96963760	
15	110VAC Motor	96908047	
	24VDC Motor	96908049	
17	Motor Cam	76763775	
18	Wire Harness	76763785	
19	115V Motor Wire Harness	76763787	
	24VDC Motor Wire Harness	76763791	
20	10120A CV PL w/Key Hole	76763867	
21	10120A Switch Plate	76763872	
22	10120AM Motor Drive Link	96963781	
25	Lock Grounding Label	96905001	
26	Ground Label	96905002	
27	Micro Switch	96905075	
28	Micro Switch	96905076	
29	Fish Cloth	96908580	
30	Term Ring #8	96908976	
31	Rubber Grommet	96908993	
32	Tie Wrap	96909016	
33	Tie Wrap	96909017	
34	Push Mount	96909023	
35	Cord Clip	96909024	
36	SK. BH SCR. 8-32 x 1/4"	96915026	
37	SK. BH SCR. 8-32 x 3/8"	96914026	
38	SK. BH SCR. 1/4"-20-3/8"	96915151	
39	SK SS CPPT 10-32 1/4"	96915565	
40	Modified Shoulder Bolt	76797020	
42	PHMS 4-40 x 1/2 ZP Slotted	99618005	
45	Lk Washer #4	96920830	
47	Lk Washer 1/4"	96920836	
49	FH TRX TRMPRF 1/4-20 x 1/2" Zinc	96925175	
50	10120AM 120V UL Label	N/A	
10	120AM 24VDC UL Label	N/A	
51	10120AM 120V UL 1034 Label	N/A	
	10120AM 24VDC UL 1034 Label	N/A	
52	10120AM/MD/E/P Fastener Package	76879990	
55	SK BH CS 8-32 x 5/8	96915025	
	10120A Strike w/ Fasteners	76710812	76710813
	10120AM/MD/E/P Pigtail	76763073	

NOTE: Motor cam requires two (2) setscrews per hole.

Electro-Mechanical Deadlatch

The Series 10300E are minimum and medium security swinging doors that are to be unlocked from a remote location. Jamb mounted. Door position indicator switch, door closer and heavy duty door pull are recommended..

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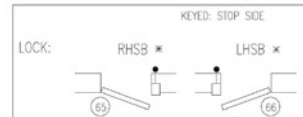
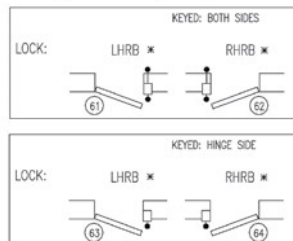
MECHANICAL - Latchbolt is retracted with a builder's hardware key at the door, and remains retracted until door is opened approximately 2", then it releases and automatically latches and deadlocks when the door is closed.

SS-10300E-1..... Keyed One Side

SS-10300E-2.....Keyed Two Sides



Swing Chart: Specify circled swing number when ordering.



10300E Solenoid Operated Electro-Mechanical Deadlatches

Item	Description	Right Hand	Left Hand
1	Sub-Assembly	76768710	76768711
4	Face Plate US32D UL		96968636
8	FH TRX TMPRF 10-24x5/16 SS		96925082
9	SK SS CPPT 6-32x5/16		96915532
10	Drive Bolt, Actuator (Sol-Pneu)		96968626
11	Mech. Latchbolt Cam*		96968618
12	Deadlock Pin		76768632
13	Bolt, Shld Deadlock, Mech. Latchbolt*		76768628
14	Top Cover		96968643
15	Spring for Mech. Latchbolt Cam*		96900652
16	Side Cover Assembly		76768695
17	Side Cover RH		96968645
18	Pigtail		76768696
	E & P Keyswitch Pigtail **		76768697
	Molex Pin **		96908598
	Molex Plug *		96908630

19	Tie Wrap	96909016
20	Plug	96908620
21	SK FH CS 1/4-20x3/8	96914651
22	FHMS 8-32x1/4 UNCT	96917549
23	FH TRX TMPRF 1/4-20x1.2 UNCUT	96925174
24	PHMS 6-32x3/16	96918003
25	Solenoid 24VDC	76768081
28	10300E Washer	96968647
	Strike, RH	96968650
	Strike, LH	96968651
	FN TRX TMPRF 1/4-20x3/4 UNCUT	96925205

NOTE: *-Not required on NL function versions of lock.

** - Only required when Isolated Key switch is required.

10300E Solenoid Operated Electro-Mechanical Deadlatches Sub Assembly

Item	Description	Right Hand	Left Hand
1	Deadlock Cam	96968614	
2	Bolt Assembly	76768604	76768606
3	Pin, Guide Deadlock Bolt	76768635	
4	Deadlatch Bolt	96968620	
5	10300E Housing	76768611	
6	Anchor Pin	76768631	
7	Bar Housing Mounting	76768616	
8	Ret. Ring	96900628	
9	Ret. Ring	96900599	
10	Spring for 10300 RH Bolt	96900650	
11	Spring for 10300 Pin, Guide Ddlk, Bolt	96900654	
12	Spring for 10300 Deadlock Cam	96900651	
13	SK FH CS 1/4-20x3/8	96914651	
14	Bolt, Shld Deadlock, Mech. Latchbolt	76768628	

Series 10300M Motor Operated Electro-Mechanical Deadlatch

The Series 10300M are minimum and medium security swinging doors that are to be unlocked from a remote location. Jamb mounted. Door position indicator switch, door closer and heavy duty door pull are recommended..

ELECTRIC - Remote switch activates a motor which retracts the latchbolt. Latchbolt remains retracted until door is opened approximately 2", then it releases, automatically latches and deadlocks when the door is closed.

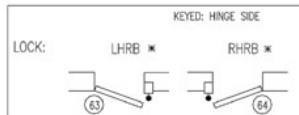
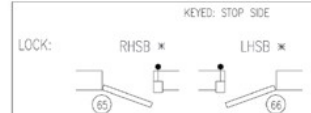
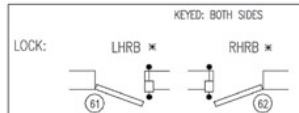
MECHANICAL - Latchbolt is retracted with a builder's hardware key at the door, and remains retracted until door is opened approximately 2", then it releases and automatically latches and deadlocks when the door is closed.

SS-10300M-1..... Keyed One Side

SS-10300M-2.....Keyed Two Sides



Swing Chart: Specify circled swing number when ordering.



10300M Motor Operated Electro-Mechanical Deadlatches

Item	Description	Right Hand	Left Hand
2	Sub-Assembly	76768700	76768701
4	Face Plate US32D UL**		96968636
	Face Plate US32D		96968638
7	FH TRX TMPRF 10-24x5/16 SS		96925082
9	SK SS CPPT 6-32x5/16		96915532
10	Wire Harness Cover Assembly		76768690
11	Motor & Spur Gearbox Assembly		76768665
12	Drive Bolt Actuator		76768624
13	Drive Hub Screw		76768664
14	Mech. Latchbolt Cam*		96968618
15	Deadlock Pin		76768632
16	Bolt, Shld Deadlock, Mech. Latchbolt*		76768628
17	Cover, Nut & Bearing		96968644
18	Top Cover		96968643
19	Bearing		96902340
20	Thrust Washer		96902341
21	Spring for Mech. Latchbolt Cam*		96900652
22	SK FH CS 1/4-20x3/8		96914651
23	FHMS 8-32x1/4 UNCT		96917549
24	FH TRX TMPRF 1/4-20x3/4 UNCT		96925205
25	RHMS 6-32x1/4		96917026
26	Pigtail		76768694
27	Cap		96908637
28	Module - DC		76768800
29	Tie Wrap		96909017
30	Pin		96908598
	Pin		96908600
	Strike	96968650	96968651
	Module, 10300 24V AC***		76768802
	Isolated Key Switch Pigtail ****		76768698

NOTE: *- Not required on NL function versions of lock.

** - UL listing not available with MD function.

*** - Module must be used with 76768800 module.

**** - Only used when Isolated Key switch is required.