Detex Corporation, 302 Detex Drive, New Braunfels, Texas 78130-3045
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ELECTRICAL INSTRUCTIONS FOR ADVANTEX EBxW MODELS

ADVANTEX®

Rim, SVR
EBxW - Weatherized
101379
104600
101559
104690

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Should you have a Question/Problem with your Detex device please call Detex Technical Support from the job site at 1-800-729-3839 and choose option 2 on our menu. Please do not return the product to the distributor.

For WARRANTY information,
scan code below or
**go to www.detex.com/warranty**

For device installation videos,
scan code below or
**go to www.detex.com/videos**

Owner's Copy

104904

ITEM	PART #	QTY	DESCRIPTION
1	105500-204	1	S&R ADVANTEX CENTERCASE PUSHPAD, 10 x STDI-CD-W
2	101642-9	1	ENDCAP, EC1, STAINLESS STEEL
	102095-9		ENDCAP, EC1, STAINLESS STEEL for FLEX CONDUIT
3	104304-9	1	ENDCAP, EC2, STAINLESS STEEL
	104612-1		ENDCAP, EC2, ALUMINUM
	104317-9		ENDCAP, EC2, STAINLESS STEEL, for FLEX CONDUIT
	104686-1		ENDCAP, EC2, ALUMINUM, for FLEX CONDUIT
4	101093-1W	1	ENDCAP, BRACKET, EC1 w/BATTERY HOLDER
	104636-1W		ENDCAP, BRACKET, EC2 w/BATTERY HOLDER
5	100860-145	1	FILLERPLATE SUBASSEMBLY, EB-W x CD, 3 FT
	100860-151		FILLERPLATE SUBASSEMBLY, EB-W x CD, 4 FT
6	100783	1	HEX NUT
7	PP-5567	1	BATTERY, 9V
8	EA-561	1	DOOR SIGN

Hex Nut
P/N: 100783

9V Battery
P/N: PP-5567

EMERGENCY EXIT ONLY
ALARM WILL SOUND
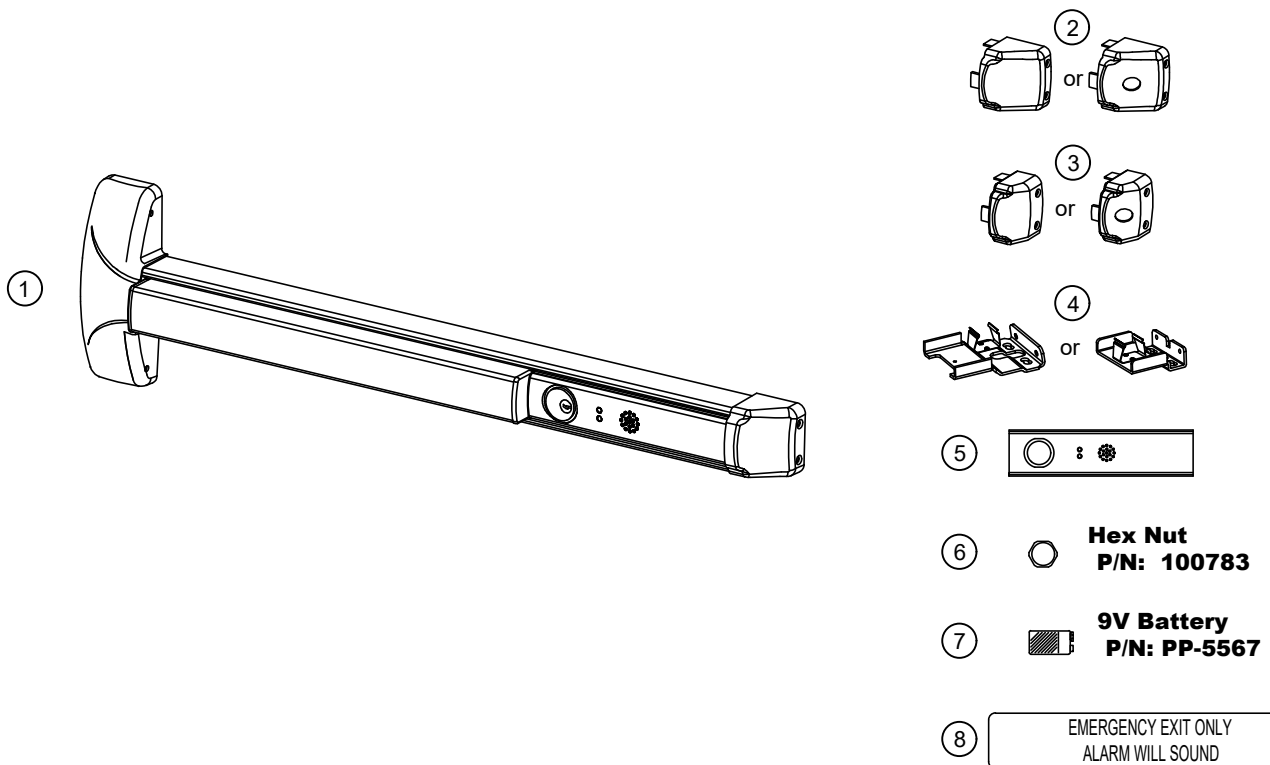
* Note: Parts listed above will vary according to product configuration.
Mortise cylinder available as an option.
Standard Yale type cam required.
See Mortise cylinder installation page.

MORTISE CYLINDER INSTALLATION
CD (Cylinder Dogging) Installation

Cylinder nut socket
p/n 103779
(sold separately)

Mortise Cylinder

.313"

.715"
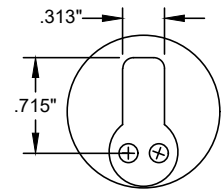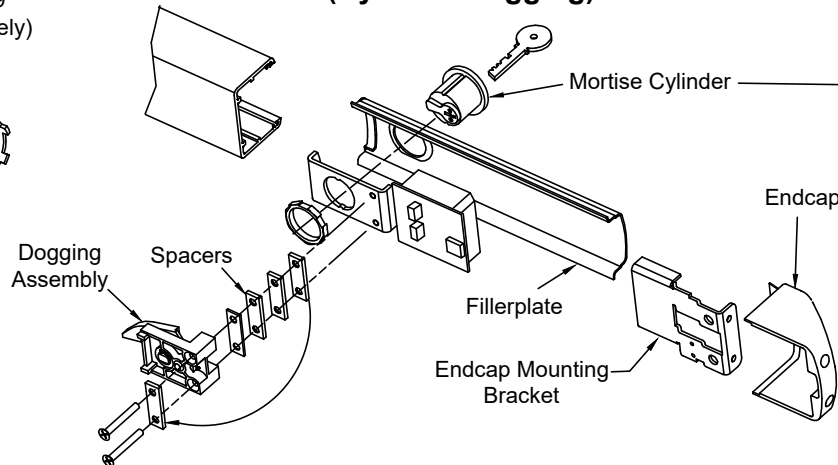
Mortise Cylinder with
standard Yale cam
required

Dogging
Assembly

Spacers

Fillerplate

Endcap

Endcap Mounting
Bracket

Installation steps:

a. Remove endcap and endcap mounting bracket.

b. Remove fillerplate.

c. Remove and discard shipping insert and nut. Loosen (2) screws from dogging assembly.

d. Install mortise cylinder (sold separately) with large hex nut provided.

e. Trial fit dogging assembly. If cylinder is too short, remove spacers as necessary and reattach them
   under the (2) screw heads. Fasten the (2) screws to the rest of the assembly.

NOTE: The key should easily turn in both directions.

f. Rotate key counterclockwise

g. Assembly complete. Continue with Panic Hardware instruction.

SWITCH OPTIONS
Switch selections must be made before installing battery (See Figure 1 & 1a)

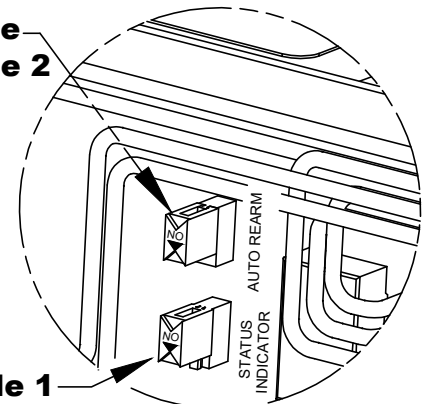| Table 1	
Status Indicator	**Status Description**
Off *	The Device gives no indication of armed or disarmed status.
On	The Device flashes red or green LED every 3 seconds. Red indicates armed status and green indicates disarmed. Low battery in 6 to 8 weeks.

Table 2	
Auto rearm	**Auto Rearming Feature Setting**
Off	Alarm sounds until turned off with key. Extended bypass is enabled.
On	Unit sounds alarm for 2 minutes after bar is released. Alarm will automatically rearm after 2 minutes

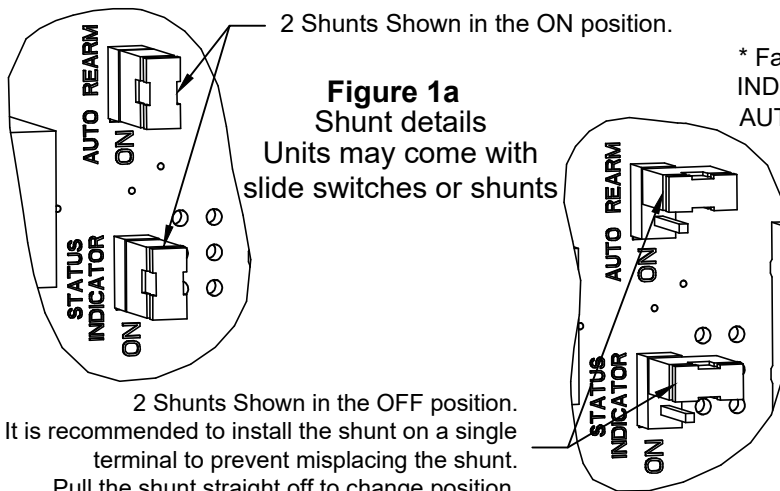### Figure 1
Selector switches detail

See Table 2

AUTO REARM

See Table 1

STATUS INDICATOR

* Factory default settings: STATUS
INDICATOR switch set to "OFF"
AUTO REARM switch set to "OFF"

2 Shunts Shown in the ON position.

AUTO REARM ON

STATUS INDICATOR ON

Figure 1a
Shunt details
Units may come with
slide switches or shunts

AUTO REARM ON

STATUS INDICATOR ON

2 Shunts Shown in the OFF position.
It is recommended to install the shunt on a single
terminal to prevent misplacing the shunt.
Pull the shunt straight off to change position.

Selector switches
See Figure 1 above

(Fillerplate removed)
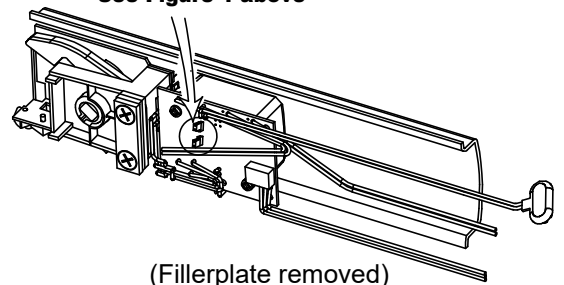
Table 3			
Remote Signal - Output		Remote Bypass - Input (dry)	
Brown	Common	Violet	N.O. contact
Yellow	Normally Open	Violet	N.O. contact
Gray-Green	Normally Closed	----	----
Contacts rated at 1.0A @ 30VDC or 0.5A @ 125VAC			

Protect wires to avoid pinching

Battery connector (standard)

Remote signal (optional)

Remote bypass
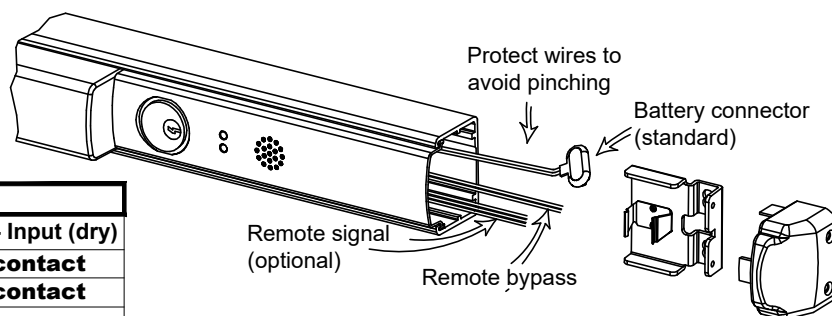
ALARM OPERATIONS
Refer to switch options pages

Red LED
Siren
PushPad

(LHR shown)

Device features

Mortise Cylinder

Green LED
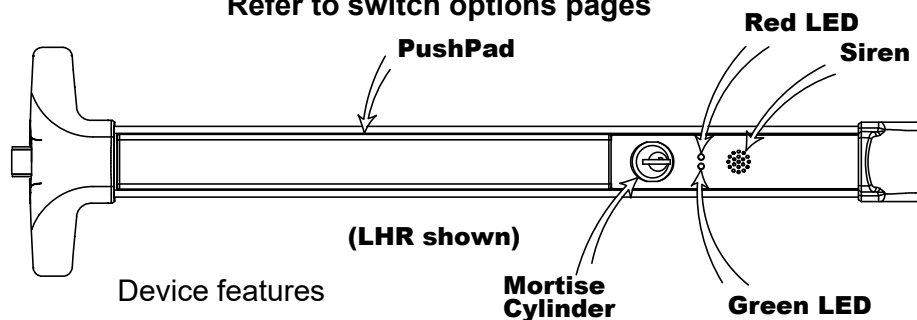
SPECIAL NOTES and DEFINITIONS:
1. When operating the ON/OFF switch, there is a slight delay.
2. The key is inserted and removed only in the horizontal position (home position).
3. Key function: counter clockwise (CCW) = Armed; clockwise (CW) = Disarmed.
4. The power needs to be removed to register changes in the slide/shunt switches.
   a. Status Indicator (This will affect battery life)
   b. Auto Rearm
5. Arming timer mode and auto rearm timers vary by order.

UNIT ARMING TEST:
1. Turn key counterclockwise (CCW) (key is removable after rotating back to horizontal position).
2. Red LED will flash twice, then green LED will illuminate for the 15 second arming timer, then turn off.
   The siren will sound three short beeps indicating the unit is armed.
3. Depress Pushpad (Siren will sound and red LED will illuminate).
4. Turn key clockwise (CW). Turns alarm off.

LOW BATTERY ALERT:
1. Siren will beep and red LED will blink at approximately 45 second intervals when battery is low.

DOGGING FEATURE: (dogging & non-fire rated units only)
1. Depress Pushpad.
2. While holding Pushpad depressed, turn key clockwise (CW). Pushpad should remain depressed
   (Key is removable after rotating back to horizontal position).
3. Unit is now dogged.

STATUS INDICATOR:
1. Move the switch or shunt to ON position and apply power.
2. If the unit is armed, the red LED will blink every 3 seconds.
3. If the unit is disarmed, the green LED will blink every 3 seconds.

AUTO REARM (On):
1. When the unit is in full alarm and the bar is released, the alarm will shut off after 2 minutes.

ACTIVATE/DEACTIVATE SILENT ALARM:
1. Remove all power.
2. Turn the device on with the key.
3. Maintain a short between the violet bypass wires.
4. Push and maintain alarm trigger switch and apply power.
5. Unit will chirp twice when silent arming is turned 'ON', and chirps once when silent arming is turned 'OFF'.
6. Remove short between violet bypass wires.

ADVANTEX EBxW Troubleshooting Tips for Default Setting

PROBLEM	PROBABLE CAUSE	ACTION
When unit is armed, red LED flashes twice, green LED is on for 15 seconds, but the unit does not give three beeps after the green LED goes off.	**Battery Low** **Silent arming mode.**	**Change battery.**
No LED activity when key is turned ccw to armed position.	**Dead or weak battery.** **The actuator switch is sticking.** **Battery not secured to connector correctly.** **Battery connector or wires damaged.** **No external power.**	**Install new battery, LED's should flash and the siren beep once.** **Lubricate actuator.** **Secure battery correctly.** **Replace parts** **Check for loose connections or power turned off. LED's should flash and the siren beep once.**
Gives a low battery indication.	**Low battery.**	**Install new battery, LED's should flash and the siren beep once.**
LED's do not flash to indicate armed or disarmed status.	**Status indicator switch in off position.**	**Remove battery power from unit. Move 'Status Indicator' switch or shunt to 'ON' position. Reinstall battery.**

Optional Accessories
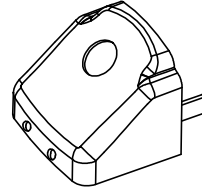
Advantex Flex Conduit Kit
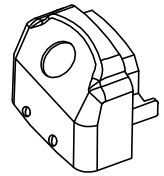**Catalog No: FCA-[Specify Finish]**
Electrical Wires Not Supplied
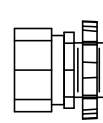
FC3W
FC10W
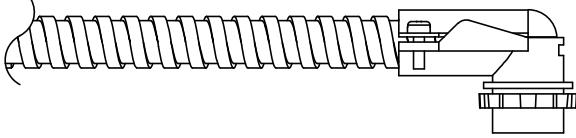
EC1 endcap

FC3EC1W-630
FC10EC1W-630

EC2 endcap

FC3EC2W-630
FC10EC2W-630

Flex Conduit Kit
Catalog No: FC3W or FC10W
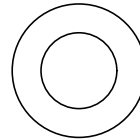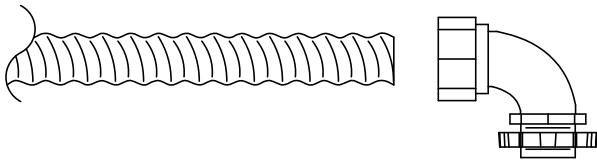
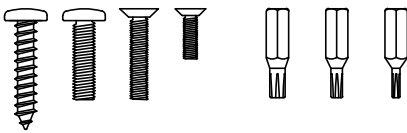**Waterproof Connectors Provided**

Tamper Kit
Security Kit
Rim, Catalog No: SSK1
SVR, Catalog No: SSK2
Mortise, Catalog No: SSK3

Security Screws

Security Pin TORX® Bits provided

Key Stop Kit
(Momentary Shunt)
Catalog No: KS

Dogging Lever Assembly
(shown for reference ONLY)

Key Stop Screw