

Detex Corporation, 302 Detex Drive, New Braunfels, Texas 78130-3045 830-629-2900 / 800-729-3839 / Fax 800-653-3839 / Text photos only: 830-481-6433 / INTERNET: www.detex.com

#### **INSTALLATION INSTRUCTIONS FOR 90R/F90R MULLION**

Drawing: 106080

Device parts breakdown view	Table of Contents	Pa	ge
Hardware list with part numbers & tools required	Device parts breakdown view		2
Door check	Parts list		3
Remove fittings, Mark door opening center, trial fit 6 Mark fitting locations, Install base fitting	Hardware list with part numbers & tools required		4
Mark fitting locations, Install base fitting	Door check		5
Install base fitting (cont'd), Install top fitting	Remove fittings, Mark door opening center, trial fit		6
Secure mullion, Install strike hook	Mark fitting locations, Install base fitting		7
	Install base fitting (cont'd), Install top fitting		8
Removing mullion, Troubleshooting 10	Secure mullion, Install strike hook		9
	Removing mullion, Troubleshooting		10

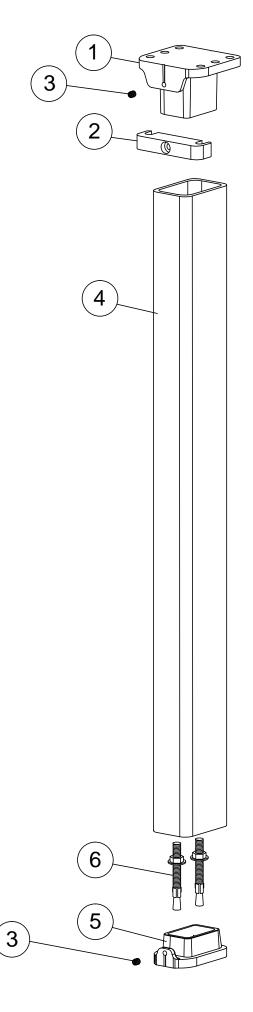
Should you have a Question/Problem with your Detex device please call Detex Technical Support from the job site at 1-800-729-3839 and choose option 2 on our menu. Please do not return the product to the distributor.

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







104954 - Page 2

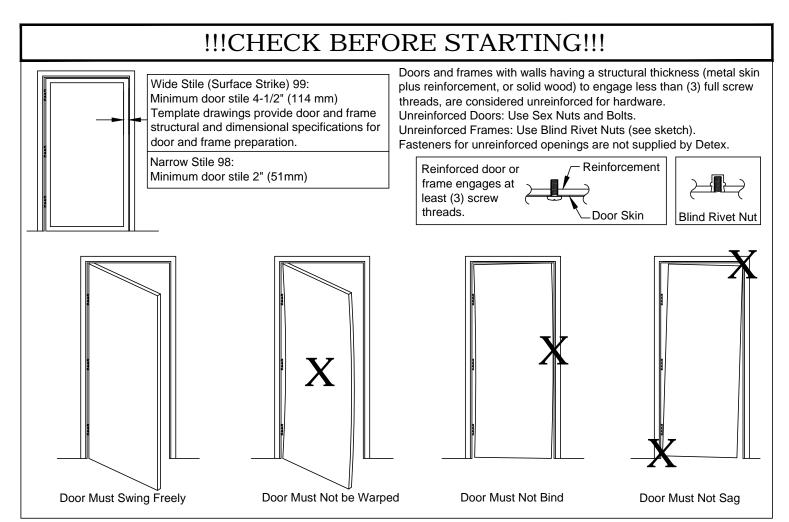
Item	Part No	Description	
1	106732	Top fitting, Mullion, 90R	
2	106074	Frame spacer block	
3	106087	Set screw, 1/4-20 x 5/16, SS	
4		Mullion Channel, 90R, 7 foot	
		Mullion Channel, 90R, 8 foot	
5	106731	Base fitting, Mullion, 90R	
6	100217	Anchor, Wedge	

Hardware List					
Screw style	Description	Used on			
	5/16-18 X 1" PFHMS P/N 106096	Top fitting			
	5/16-18 X 1-1/2" PFHMS P/N 101147	Top fitting and frame spacer block			
	1/4-20 X 1" PPHMS P/N 100980	Frame spacer block			
	10-24 X 5/8" PFHUMS P/N 100112	Strike hook (If ordered)			
	3 /8" x 3" Wedge Anchor P/N 100217	Base Fitting			

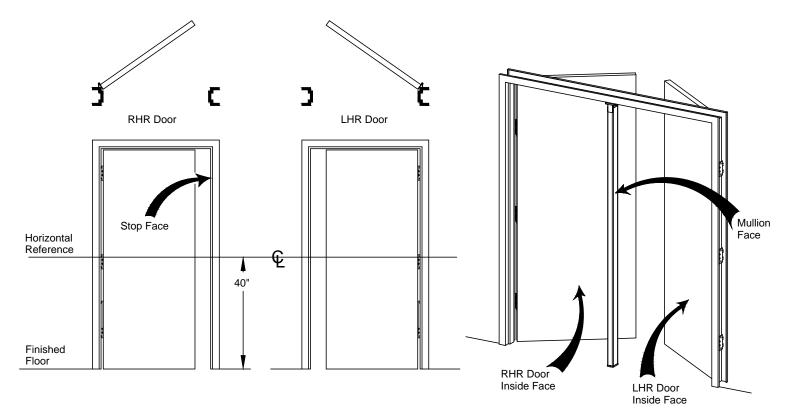
# Tools Required:

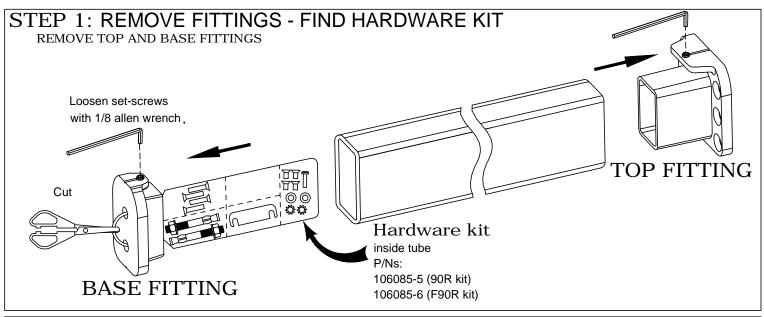
Power Drill Level Hammer Tape Measure Safety Glasses Pencil Combination Square Center Punch

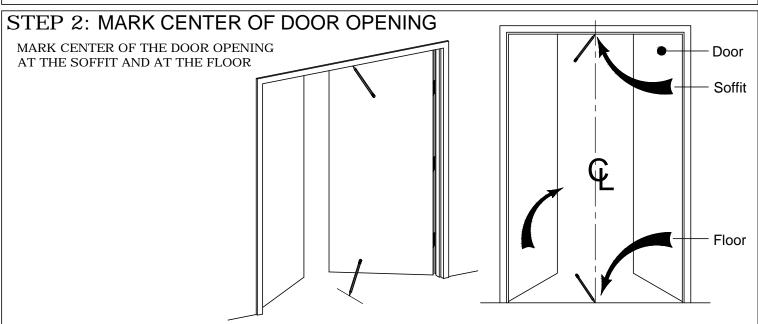
Allen Wrench (1/8")
Phillips Screw Drivers (#2 and #3)
Tap Wrenches (1/4-20 & 5/16-18)

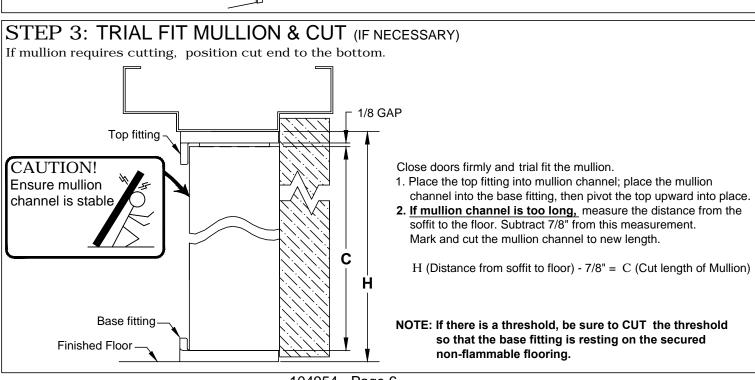


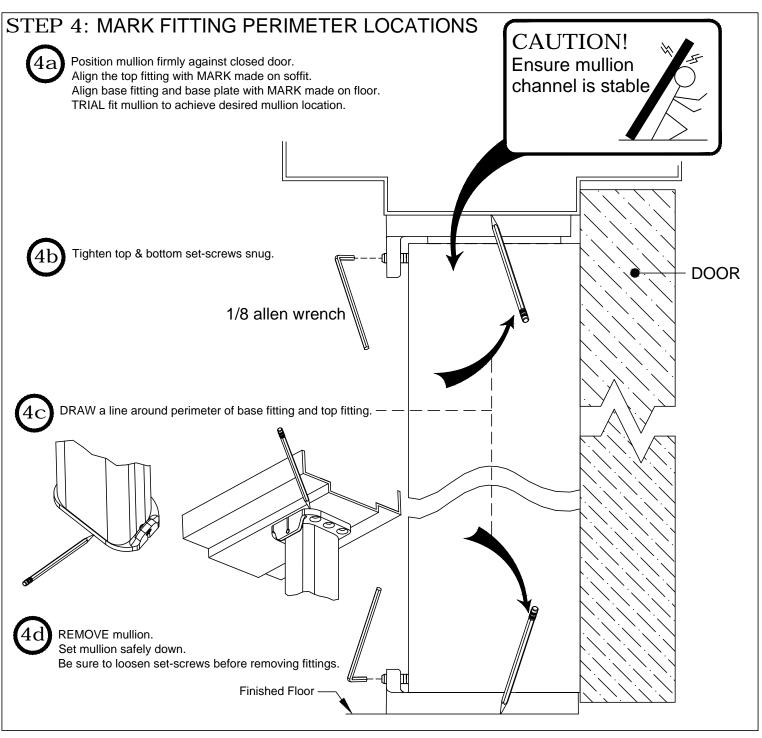
NOTE: 750mm MAXIMUM DOOR WIDTH OPENING FOR EUROPE FOR 36" DEVICE
1000mm MAXIMUM DOOR WIDTH OPENING FOR EUROPE FOR 48" DEVICE
THE SAFETY FEATURES OF THIS PRODUCT ARE ESSENTIAL TO IT'S COMPLIANCE WITH EN 1125.
NO MODIFICATION OF ANY KIND, OTHER THAN THOSE DESCRIBED IN THESE INSTRUCTIONS ARE PERMITTED.

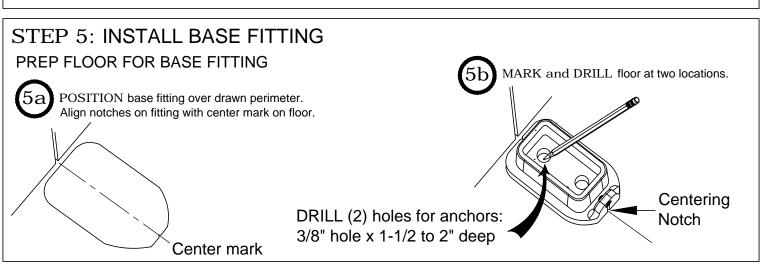


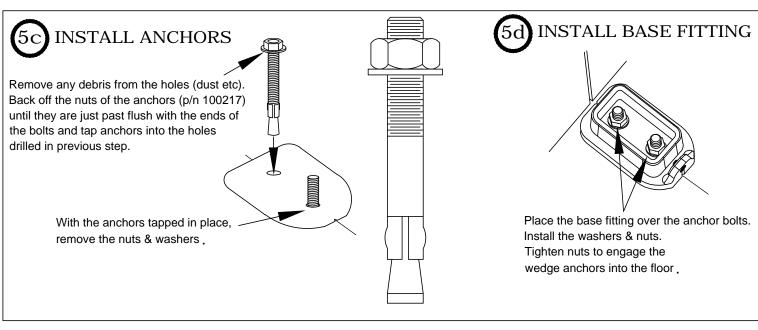


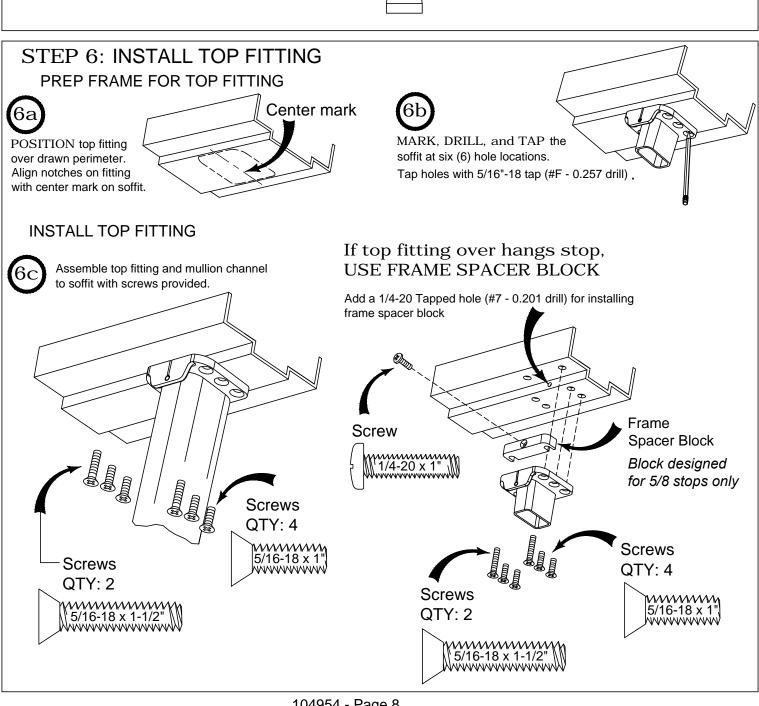


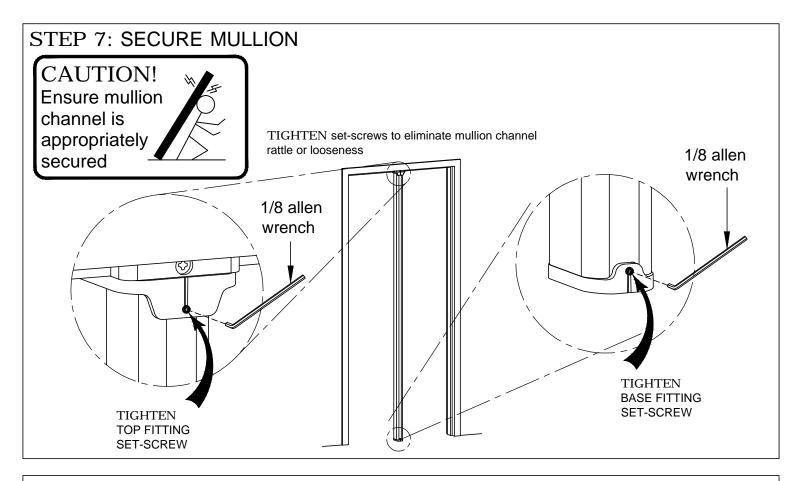




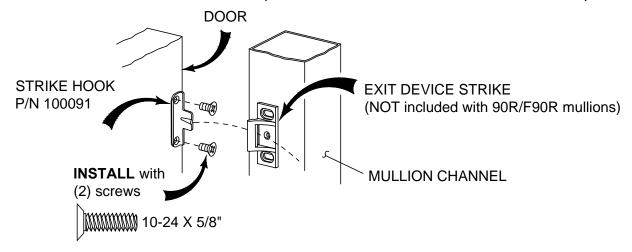








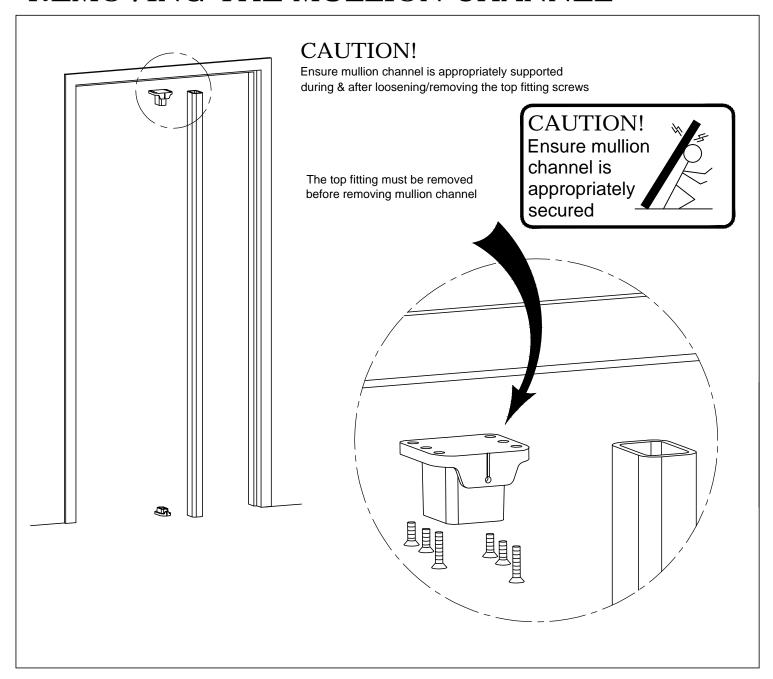
### STEP 8: INSTALL STRIKE HOOKS (FIRE RATED ONLY, IF REQUIRED)



NOTE: Strike hook is intended for use with Detex Fire Rated exit devices. For all other Fire Rated locking hardware, please reference the manufacturer's instructions to determine installation requirements

- 1. Attach the strikes to the side of the mullion according to the template provided with the locking device to be used.
- 2. Attach one strike hook per door leaf according to the template provided with the locking device to be used.
- 3. Ensure that the strike hook engages the strike without interference to the latching mechanism.
- 4. Open and close the door. The strike hook should not cause friction or bind during the opening and closing cycles of the door.

# REMOVING THE MULLION CHANNEL



## TROUBLE SHOOTING

- 1. If Mullion channel is too long:
  - a) See Step 3 for cutting the mullion channel to correct length.
- 2. Mullion channel rattles after door is closed:
  - a) Tighten set-screws in top and base fittings (See Step 7).
  - b) Verify base and top fittings are secured. Tighten screws as needed.

Customer Service 1-800-729-3839