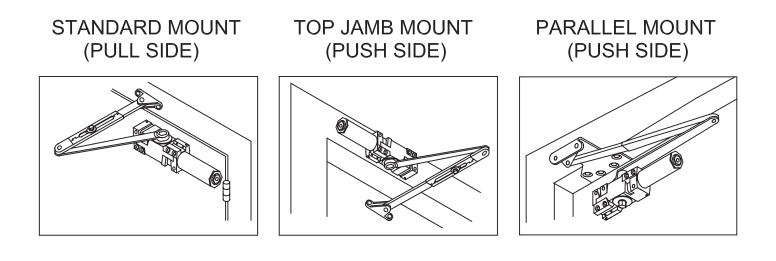
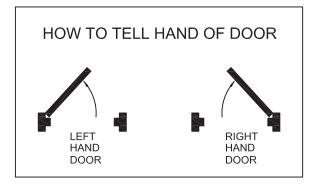
DOOR CLOSER SERIES 416 INSTALLATION INSTRUCTION

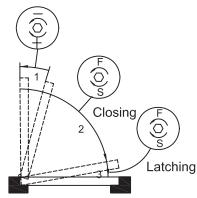


MAXIMUM DOOR WIDTH		FULL TURNS
EXTERIOR DOORS	INTERIOR DOORS	REQUIRED
	5 lb-f*	5 TURNS C.C.W.
8.5 lb-f*	34"	2 TURNS C.C.W.
30"	38"	0 TURNS
36"	48"	5 TURNS C.W.





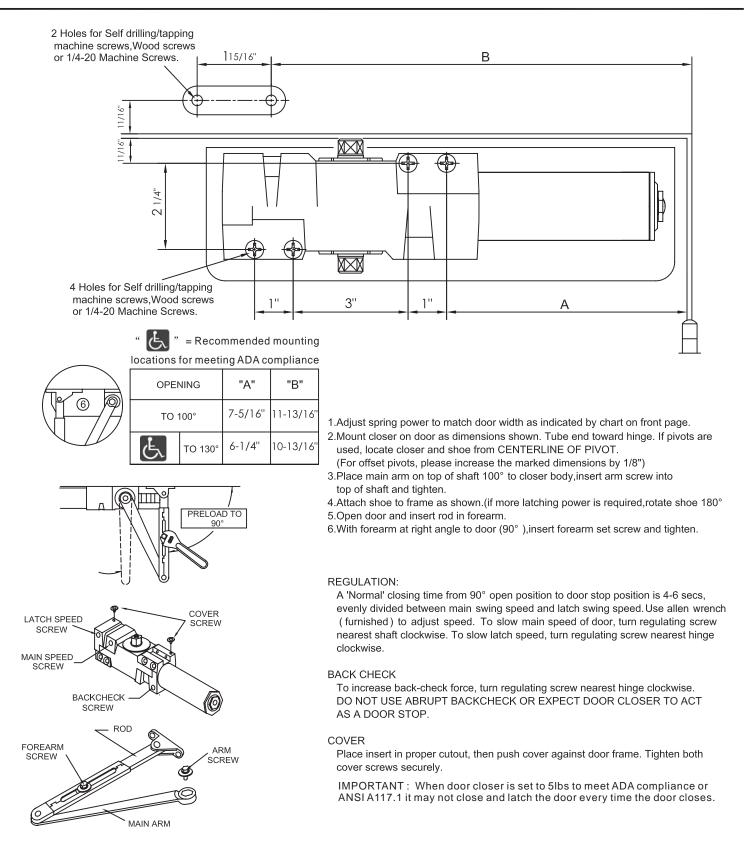
Back Check



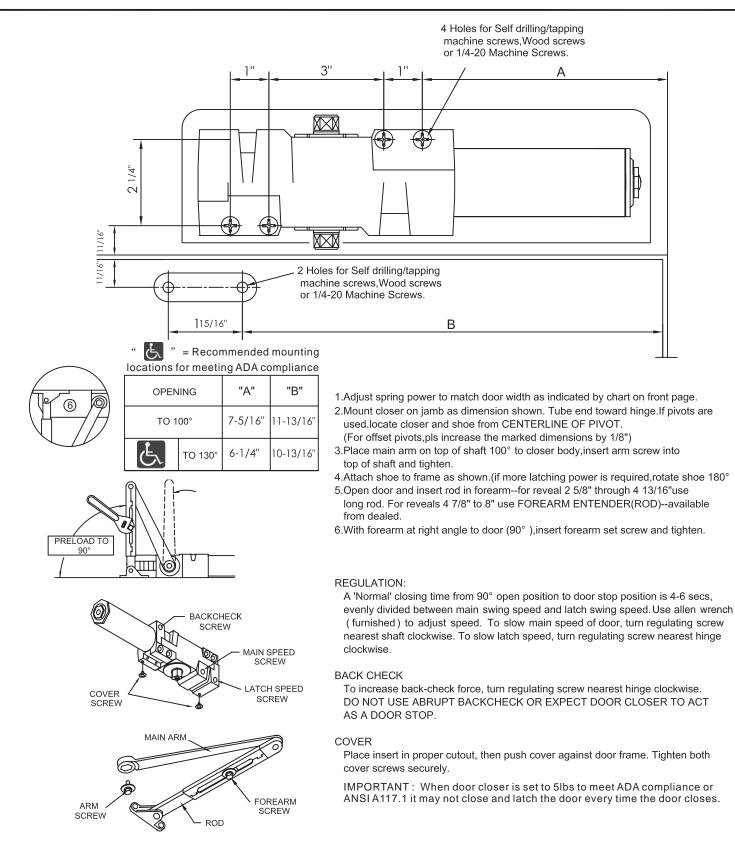
Spring Power

Adjustment

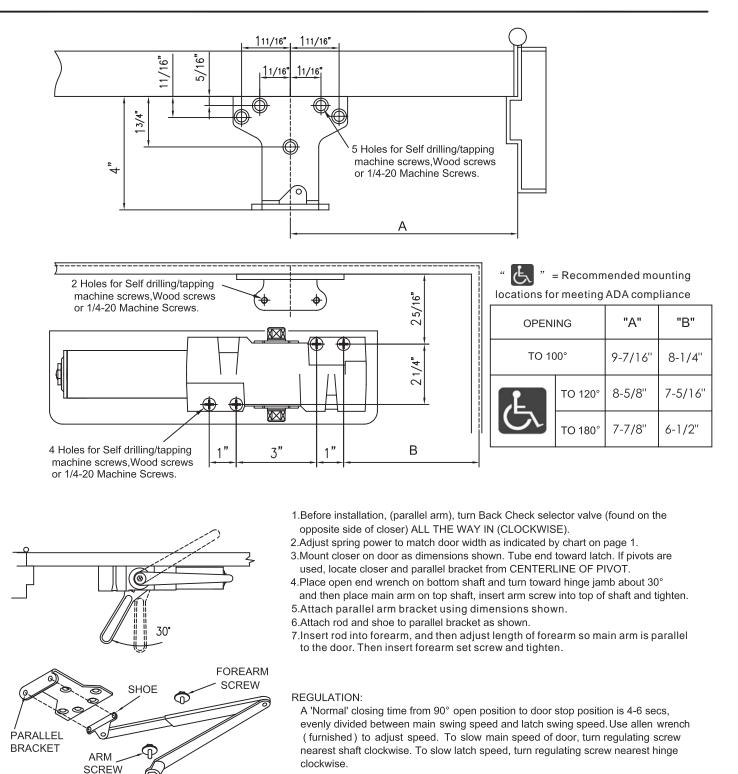
STANDARD INSTALLATION CLOSER MOUNTED ON DOOR ON PULL SIDE

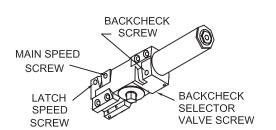


TOP JAMB INSTALLATION CLOSER MOUNTED TOP JAMB ON PUSH SIDE OF DOOR



PARALLEL ARM INSTALLATION CLOSER MOUNTED ON DOOR ON PUSH SIDE





BACK CHECK

To increase back-check force, turn regulating screw nearest hinge clockwise. DO NOT USE ABRUPT BACKCHECK OR EXPECT DOOR CLOSER TO ACT AS A DOOR STOP.

COVER

Place insert in proper cutout, then push cover against door frame. Tighten both cover screws securely.

IMPORTANT: When door closer is set to 5lbs to meet ADA compliance or ANSI A117.1 it may not close and latch the door every time the door closes.