

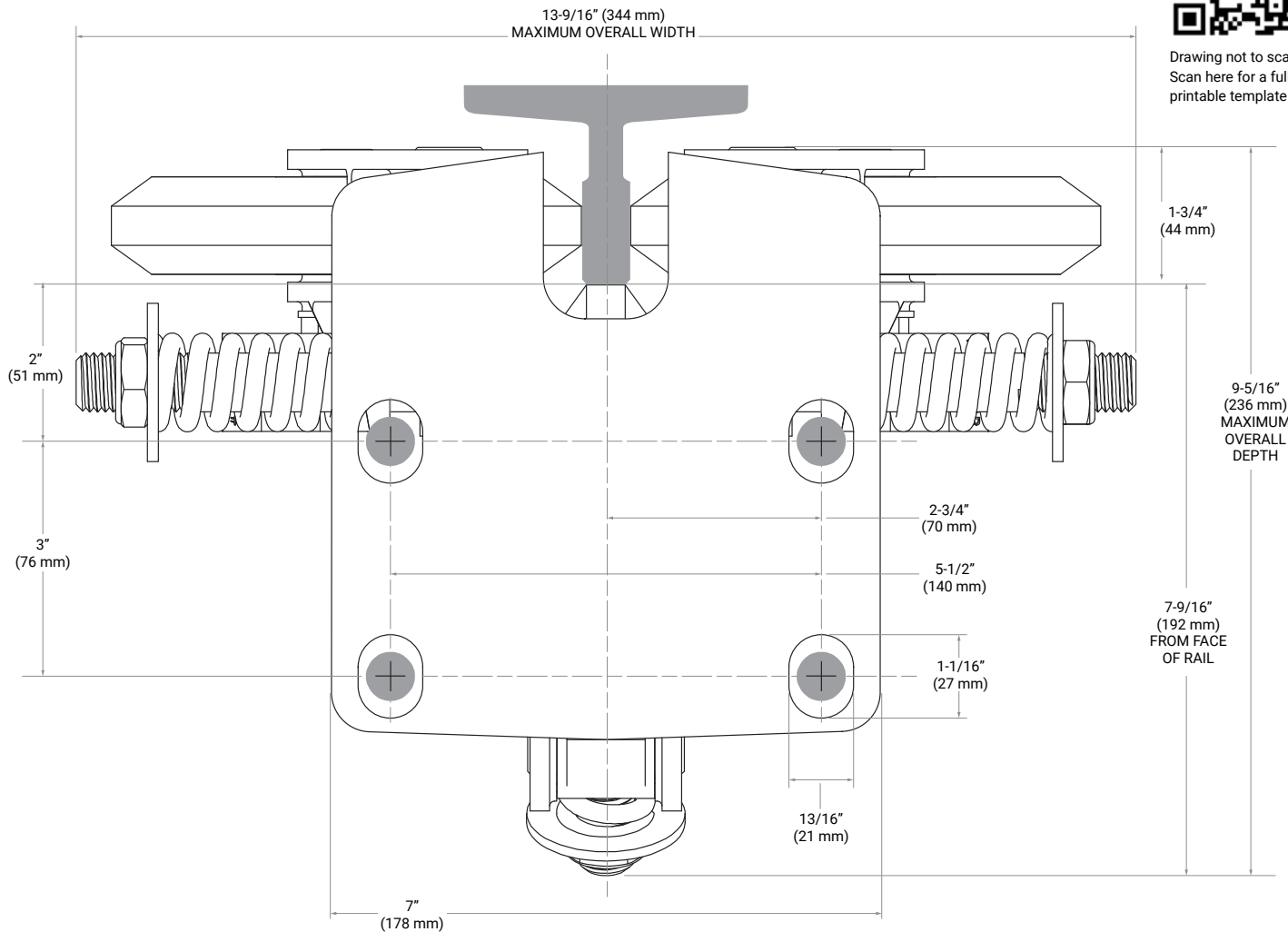


MODEL B

MOUNTING SPECIFICATIONS



Drawing not to scale.
Scan here for a full-scale
printable template



Verify the mounting holes
line up with the roller
guide bolt pattern (refer
to mounting template)

The industry's #1 choice of roller guide for elevator modernization

Designed for elevator cars with speeds up to 500 fpm and capacities up to 4,000 lb in low- to mid-rise buildings.

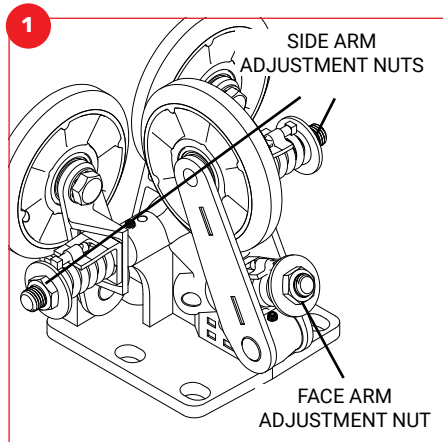
If the bolt pattern above does not line up exactly with your mounting pattern, **Flex-Mount™ Adjustable Adapter Plates** are the best time-saving, and money-saving solution. Contact us to find out more.

INSTALLATION INSTRUCTIONS:

For optimum performance and longer roller wheel life, we recommend that elevator rails be properly aligned and cleaned, and the car balanced before operation.

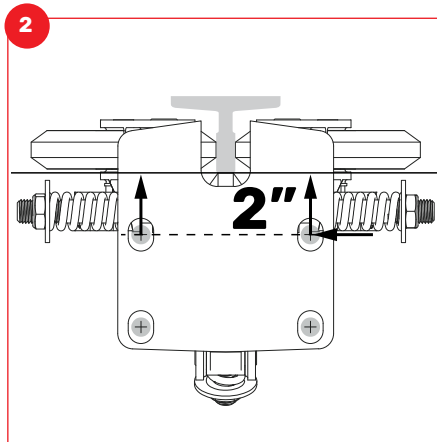
Upon receipt of your shipment, inspect the contents and immediately file a claim with the carrier if there is any damage.

For best results, read all instructions thoroughly before proceeding with the installation.



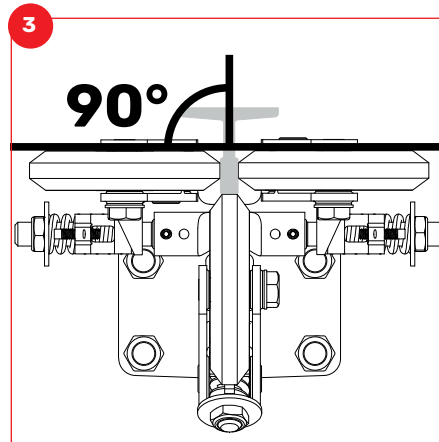
→ The Model B Guide comes completely assembled

› **MOUNTING HARDWARE IS NOT INCLUDED**

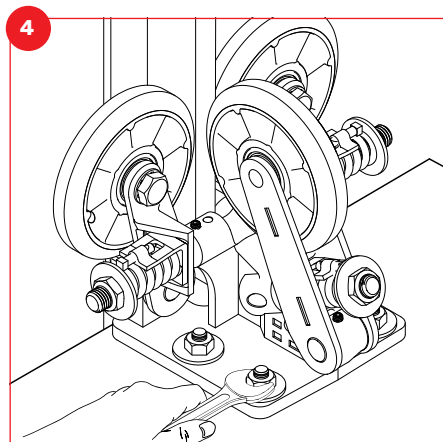


→ Position guide base over mounting holes or studs

- › Install mounting hardware
- › Align so the centers of the front mounting slots are located 2" (51 mm) back from face of rail

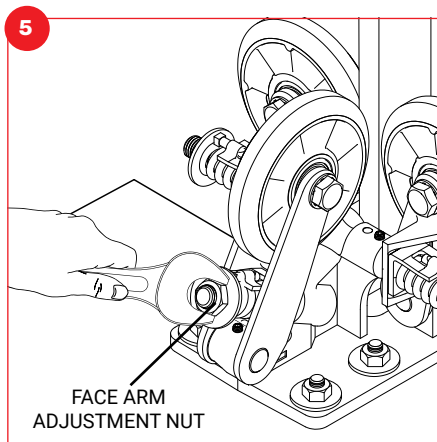


→ Ensure the guides are aligned correctly (as shown)



→ Securely tighten mounting bolts and/or nuts and torque as required

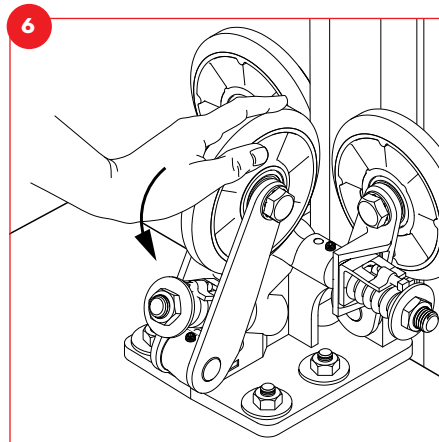
- › Now install remaining roller guides on top and beneath the elevator



→ Set face arm wheel preload force on the rail

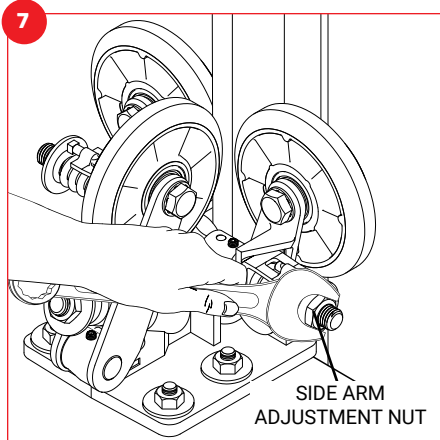
- › Turn face arm adjustment nut until the face roller wheel is compressed 1/32" - 1/16" (0.8 - 1.6 mm)

Note: If installing guides with polyurethane roller wheels refer to note* on back page for allowable wheel forces.



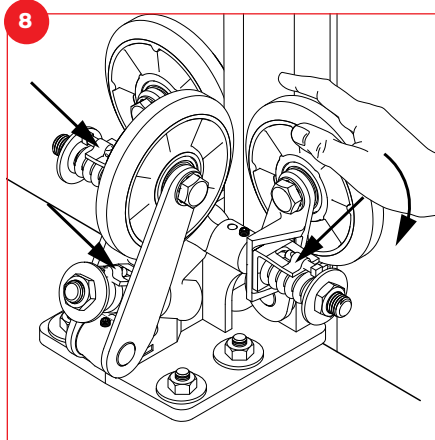
→ Test the preload force of the face roller wheel on the rail

- › It should be possible to skid the roller wheel by hand with moderate effort
- › This represents approximately 25 - 50 lbf (110 - 220 N) of force on the rail
- › Ensure the face roller wheel forces are equal for each guide

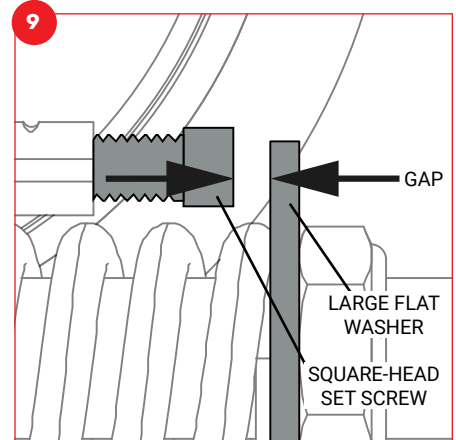


→ Set side arm wheel preload force on the rail

- › Turn side arm adjustment nut until the side roller wheel is compressed 1/32" - 1/16" (0.8 - 1.6 mm)
- › Test the preload force on each side roller wheel
- › It should be possible to skid the roller wheels by hand with moderate effort
- › This represents approximately 25 - 50 lbf (110 - 220 N) of force on the rail



Caution: Adjustable stops may shift during shipment. Be certain to position adjustable stops correctly, with the adjustable stop bracket positioned above the spring (as shown above).



→ Setting maximum float

- › Turn the square-head set screw to increase or decrease the gap between the large flat washer and the head of the square-head set screw

Note: The amount of float will be approximately twice the gap measured (e.g. 1/16" gap = 1/8" float, and 1.6 mm gap = 3.2 mm float).

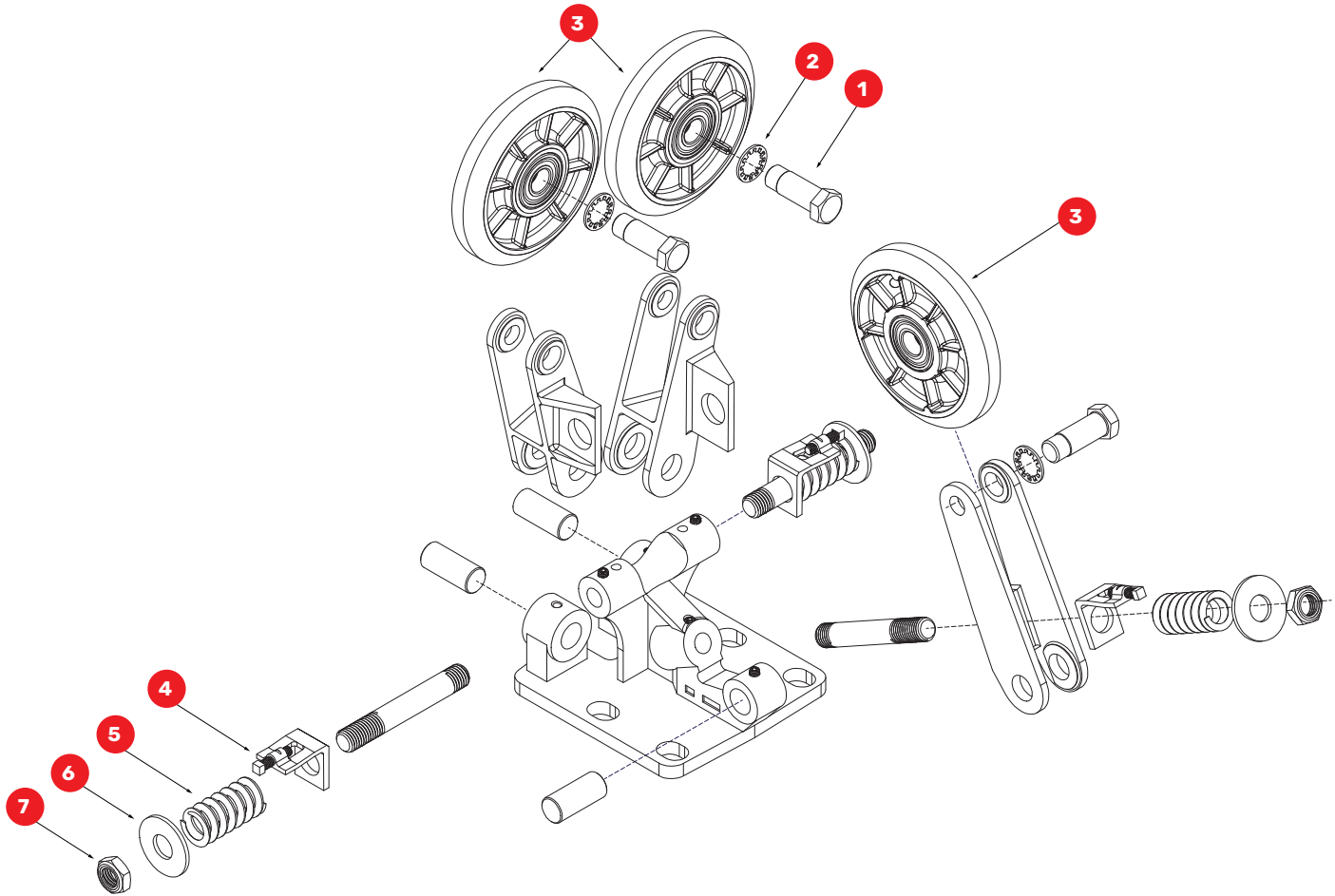
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- Set maximum float for all three adjustable stops on the roller guide
- Set float on all four roller guides

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- After all adjustments have been made, ride elevator in both the up and down direction at inspection speed to check hoistway clearances
- Check mounting bolts and/or nuts and adjustment locknuts are securely fastened
- Make several more runs at operating speed
- Recheck float, roller wheel tracking and preload before returning elevator to service

MODEL B ROLLER GUIDE SERVICE PARTS LIST



KEY	QTY	PART #	DESCRIPTION
1	3	EA18375	Wheel Stud
2	3	EA18388	Wheel Stud Lock Washer
3	3	See Roller Wheel Configuration Options	
4	3	EB02119	Adjustable Stop Kit
5	3	EA18379	Side/Face Arm Spring
6	3	EA18373	Flat Washer
7	3	EA18376	Locknut

ROLLER WHEEL CONFIGURATIONS

Typical Installations

ASSEMBLY	QTY	PART #	DESCRIPTION
EB02100	3	EA18359	6" Black Neoprene Roller Wheel

*OPTIONAL POLYURETHANE ROLLER WHEEL CONFIGURATIONS

- › For use on elevators with high static loads
- › Use when roller wheel preload forces clearly exceed the 25 - 50 lbf (110 - 220 N) recommended for neoprene roller wheels
- › Polyurethane roller wheels can be used at forces up to 300 lbf (1,335 N) per wheel. However, keep static load as low as possible to avoid flat spotting

Heavy-Duty Installations

ASSEMBLY	QTY	PART #	DESCRIPTION
EB02110	3	EA18382	6" Green Polyurethane Roller Wheel
EB02114	1	EA18348	6" Red Polyurethane Roller Wheel with 1/2" tread for face arm
	2	EA18347	6" Red Polyurethane Roller Wheel with 7/8" tread for side arms
EB02220	3	EA18348	6" Red Polyurethane Roller Wheel with 1/2" tread for face and side arms