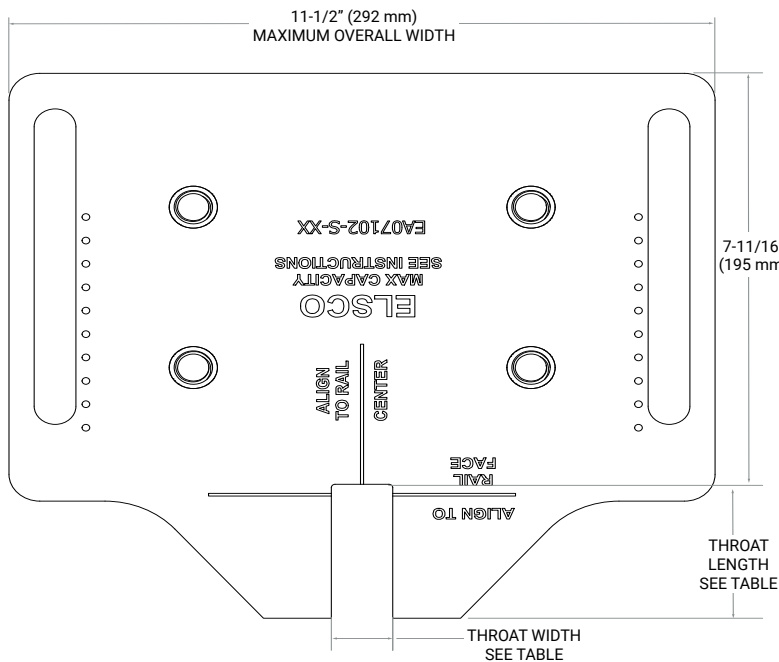




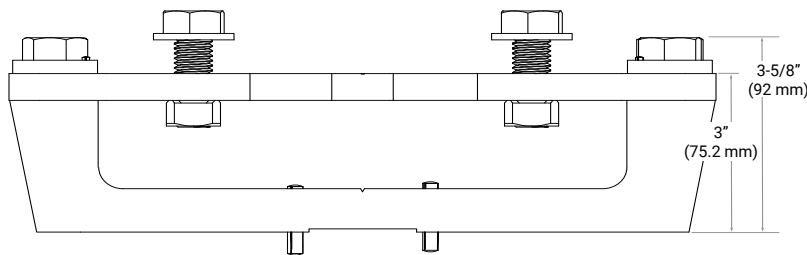
SEISMIC FLEX-MOUNT™

MOUNTING SPECIFICATIONS

Part Number EA07100-S-XX

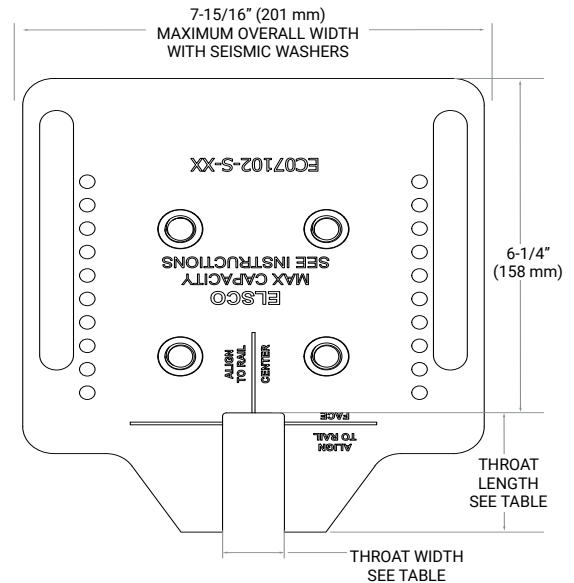


PART NUMBER	THROAT LENGTH	THROAT WIDTH
EA07102-S-15	2.226"	1.004"
EA07102-S-18	2.226"	1.129"
EA07102-S-22	2.257"	1.504"
EA07102-S-30	2.507"	1.629"

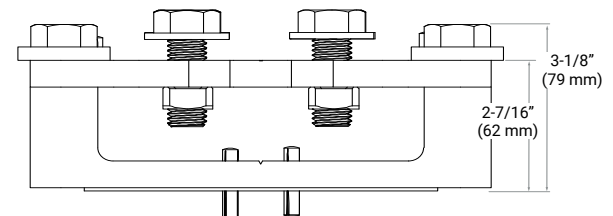


For use with Model A, Model B, Express-3, SA-15, SA-8
 Use on balanced elevators with load capacity up to 5,000 lb (2,268 kg)
 Use on balanced counterweights with elevator load capacity up to 5,000 lb (2,268 kg)

Part Number EC07100-S-XX



PART NUMBER	THROAT LENGTH	THROAT WIDTH
EC07102-S-08	1.507"	1.004"
EC07102-S-15	2.226"	1.004"
EC07102-S-18	2.226"	1.129"



For use with Model C, Model D, SC-8, SD-8
 Use on balanced counterweights with elevator capacity up to 5,000 lb (2,268 kg)

Make the install as smooth as the ride...

Flex-Mount™ is an innovative, patented hardware kit designed specifically to allow ELSCO roller guides to mount on a range of pre-existing bolt patterns, without the need to take accurate measurements, create drawings, and fabricate custom adapter plates.

Suitable for use in seismic zones 2, 3 or greater.

CAR SEISMIC FLEX-MOUNT™ INSTALLATION INSTRUCTIONS

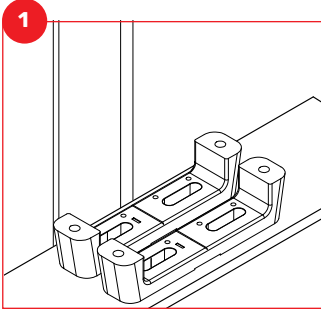
Car Seismic Flex-Mount™ Adjustable Adapter Plates include:

- › 2 brackets
- › 1 seismic plate
- › 8 bolts
- › 8 washers
- › 4 grooved dowel pins 3/4"
- › 4 grooved dowel pins 1-1/4"
- › 1 drill bit
- › 2 seismic washers

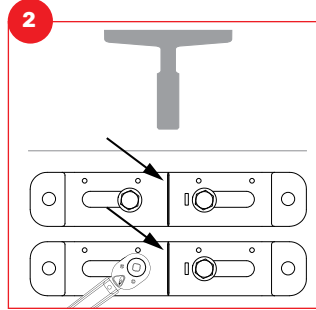
› MOUNTING HARDWARE IS NOT INCLUDED

Customer-supplied – required mounting hardware:

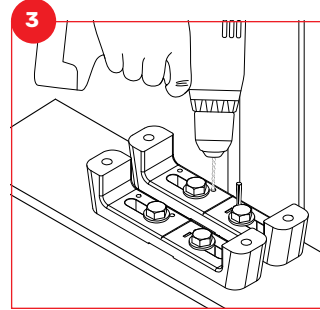
- › 4 x 5/8"-11 bolts, grade 8, zinc plated
- › 4 x 5/8" washers, grade 8, zinc plated
- › 4 x 5/8"-11 nuts, grade 8, zinc plated



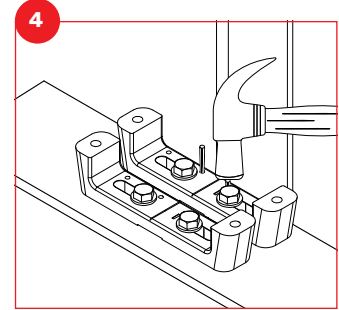
- Clean mounting surface to remove any grease, debris, etc
- Center elevator car
- Position brackets onto mounting surface to confirm slots and mounting holes match
 - › If holes don't match, drill new 5/8" holes into mounting surface to line up with slots



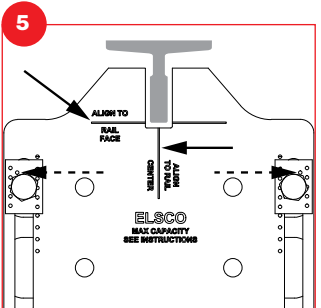
- Insert ASME-compliant mounting hardware through slots in bracket and mounting surface
- Align notches on brackets with center of face rail
- Securely tighten mounting hardware and torque to 160 ft-lb



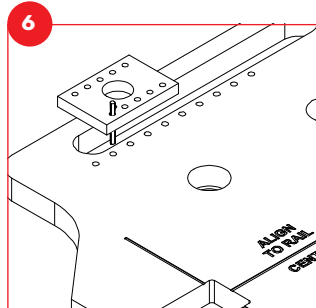
- Use 1/4" drill bit to drill through 2 of holes provided in bracket closest to rail
 - › Drill through bracket and at least 1/2" into mounting surface



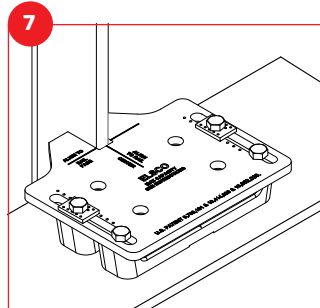
- Install narrow end of 1-1/4" tapered pins in newly-drilled holes (outer or inner holes only)
 - › Top of pins should be close to flush with bracket after installation



- Position plate onto brackets and align notches on plate throat to rail
- Rotate or flip seismic washers to determine closest match with pre-drilled pin holes on plate
- Loosely install bolts with seismic washers to confirm best seismic washer position



- › Consider removing washer from plate and inserting 3/4" pin into correct pin hole. This allows pin head to easily fill desired plate hole when hammering
- Install 3/4" long pins fully into seismic washers and plate until flush



- Securely tighten bolts provided and torque to 160 ft-lb
 - › Continue with ELSCO guide installation
 - › Use bolts and washers provided to install guide

RECOMMENDATIONS & SPECIAL CONDITIONS

Car Seismic Flex-Mount™ Specifications

- For Class B/C/C1/C2/C3, or significantly unbalanced elevators, contact ELSCO Customer Service to verify that Flex-Mount™ will withstand maximum loading of application

The orientation of seismic washers is mirrored from side-to-side (indicated by dashed arrows). Proper alignment allows for maximum ASME-compliant displacement of 0.197" (5 mm) in all directions

COUNTERWEIGHT SEISMIC FLEX-MOUNT™ INSTALLATION INSTRUCTIONS

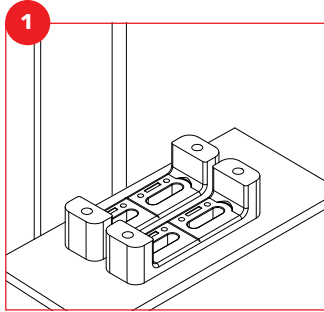
Counterweight Seismic Flex-Mount™ Adjustable Adapter Plates include:

- › 2 brackets
- › 1 seismic plate
- › 8 bolts
- › 8 washers
- › 4 grooved dowel pins 3/4"
- › 4 grooved dowel pins 1-1/4"
- › 1 drill bit
- › 2 seismic washers

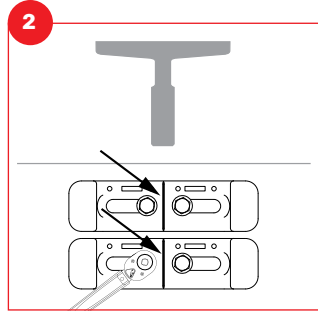
› MOUNTING HARDWARE IS NOT INCLUDED

Customer-supplied – required mounting hardware:

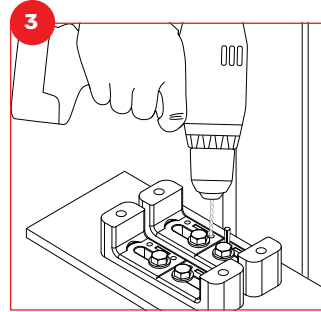
- › 4 x 1/2"-13 bolts, grade 8, zinc plated
- › 4 x 1/2" washers, grade 8, zinc plated
- › 4 x 1/2"-13 nuts, grade 8, zinc plated



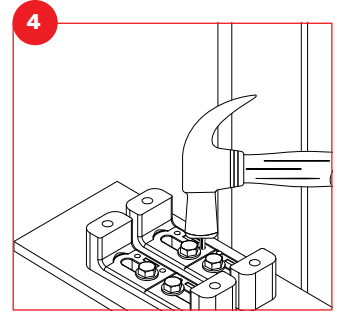
- Clean mounting surface to remove any grease, debris, etc
- Center counterweight
- Position brackets onto mounting surface to confirm slots and mounting holes match
 - › If holes don't match, drill new 1/2" holes into mounting surface to line up with slots



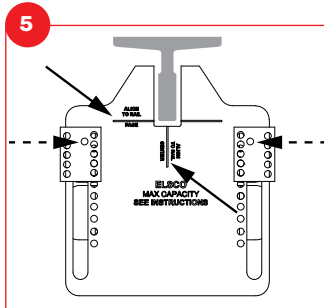
- Insert ASME-compliant mounting hardware through slots in bracket and mounting surface
- Align notches on brackets with center of face rail
- Securely tighten mounting hardware and torque to 80 ft-lb



- Use 1/4" drill bit to drill through 2 of provided holes in bracket closest to rail
 - › Drill through bracket and at least 1/2" into mounting surface

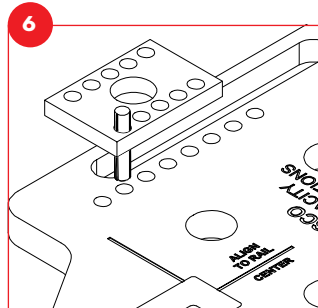


- Install narrow end of 1-1/4" tapered pins in newly-drilled holes (outer or inner holes only)
 - › Top of pins should be close to flush with bracket after installation

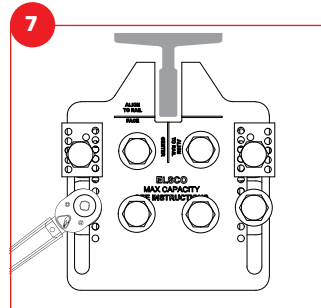


- Position plate onto brackets and align notches on plate throat to rail
- Loosely install bolts with seismic washers to confirm best seismic washer position

The orientation of seismic washers is mirrored from side-to-side (indicated by dashed arrows). Proper alignment allows for maximum ASME-compliant displacement of 0.197" (5 mm) in all directions



- › Consider removing washer from plate and inserting 3/4" pin into correct pin hole. This allows pin head to easily fill desired plate hole when hammering
- Install 3/4" long pins fully into seismic washers and plate until flush



- Securely tighten bolts provided and torque to 80 ft-lb
 - › Continue with ELSCO guide installation
 - › Use bolts and washers provided to install guide

RECOMMENDATIONS & SPECIAL CONDITIONS

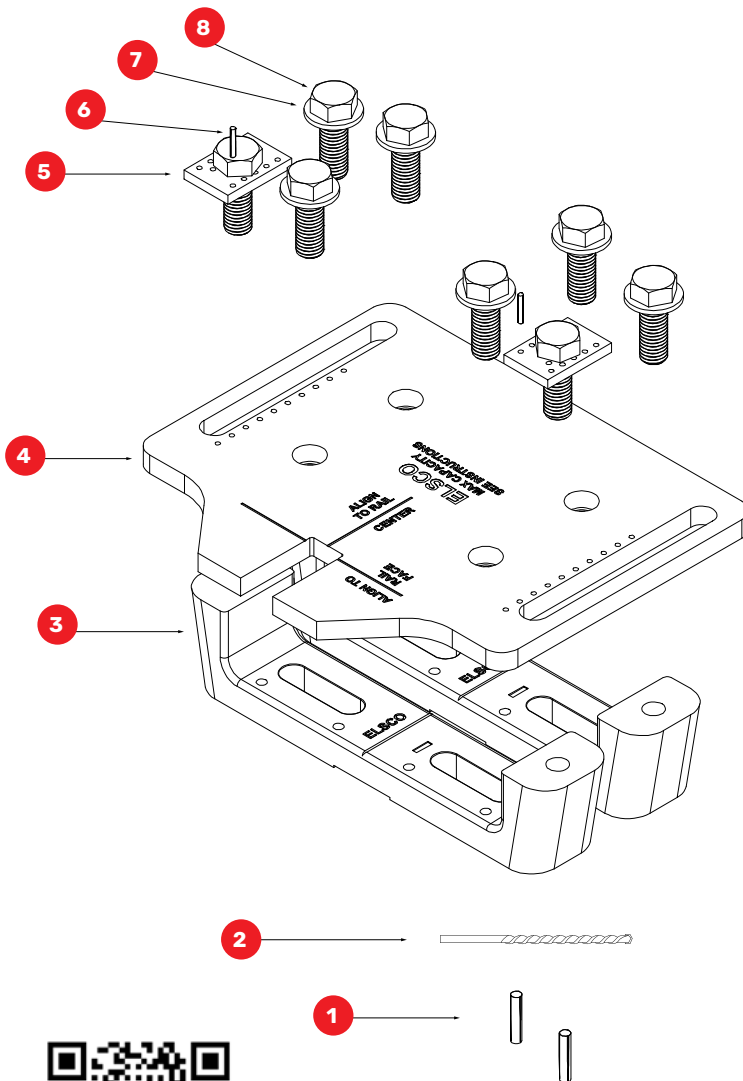
Counterweight Seismic Flex-Mount™ Specifications

- Contact ELSCO if counterweight is significantly unbalanced or if rails are not aligned to center of frame

Car & Counterweight Seismic Specifications

- Suitable for use in seismic zones 2, 3, or greater
- Elevator Safety Code Compliance:
 - › ASME A17.1-2013 (compliant only for rails 5/8" and larger)
 - › EN 81-20, EN 81-50 & EN 81-77
- ASME-compliant when installed under these conditions:
 - › Existing mounting plate has no obstructions (i.e. bolt heads)
 - › Mounting hardware is ASME-compliant per specifications
 - › All hardware is properly torqued according to instructions

SEISMIC FLEX-MOUNT™ SERVICE PARTS LIST

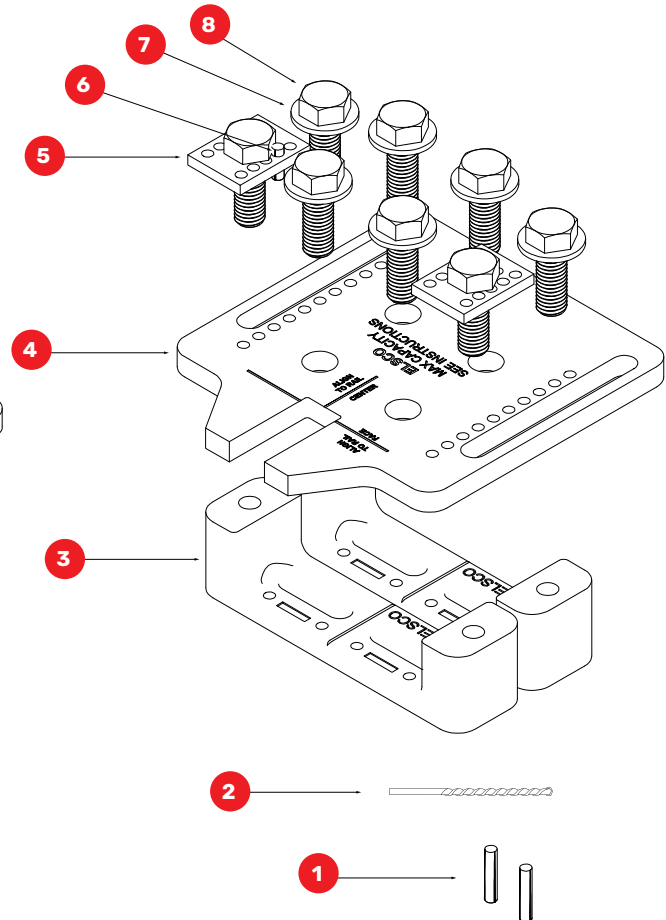


Scan here for more information.

Seismic Flex-Mount™ Elevator Car Assembly

KEY	QTY	PART #	DESCRIPTION
1	2	EA07110	1/4" Grooved Dowel Pin, 1-1/4" long
2	1	EA07113	1/4" Drill Bit
3	2	EA07101	Bracket, Car Flex-Mount
4	1	EA07102-S-XX*	Seismic Plate, Car Flex-Mount
5	2	EA07115	Seismic Washer, Car Flex-Mount
6	2	EA07112	1/8" Grooved Dowel Pin, 3/4" long
7	8	EA07104	5/8" Washer, Grade 8
8	8	EA07103	5/8"-11 x 1-3/4" Bolt, Grade 8

*Refer to rail size. Example: 15 lb rail = EA07102-S-15



Seismic Flex-Mount™ Elevator Counterweight Assembly

KEY	QTY	PART #	DESCRIPTION
1	2	EA07110	1/4" Grooved Dowel Pin, 1-1/4" long
2	1	EA07113	1/4" Drill Bit
3	2	EC07101	Bracket, CWT Flex-Mount
4	1	EC07102-S-XX*	Seismic Plate, CWT Flex-Mount
5	2	EC07115	Seismic Washer, CWT Flex-Mount
6	2	EC07112	1/4" Grooved Dowel Pin, 3/4" long
7	8	EC07104	1/2" Washer, Grade 8
8	8	EC07103	1/2"-13 Bolt x 1-1/2", Grade 8