


C-124BRK Brake/Speed Reducer Installation:

This brake mechanism is intended to reduce speed of door by applying friction throughout the travel distance. Floor, jamb and track mounted stops must be used in conjunction with this mechanism.

- MARK HEADER FOR TRACK AND C-124BRK POSITION:** Determine where the track is to be installed and mark the centreline position of the track on the header. The C-124BRK will be installed at the midpoint of door travel. **The door open/closed positions overlap must be a minimum of 8" in order for the brake bar to remain fully engaged in the caliper.** Using the track centreline, mark the centreline position of the C-124BRK per the supplied drawing. The track and C-124BRK must be installed at the correct C/C dimension and be parallel in order for the mechanism to function properly.
- TRACK INSTALLATION:** Pre-drill the track through the centreline groove provided on the inside of the track. Deburr the back side of the drill holes and thoroughly clean all debris from inside of track. Position track on header and secure track along the previously marked centreline. Note: if end of track is not accessible after installation, insert the hangers in the track before securing track in position.
- DOOR INSTALLATION:** Using the instructions provided with the selected sliding door hardware, mount the hardware and install the door on the track. Adjust for height and plumb and lock adjustments in position with lock washer/nut provided.
- BRAKE BAR LOCATION:** At this point it is recommended that the brake bar be placed against the door and aligned to the required gap between the top of the bar and the underside of the header (1 7/16" [36.5mm]). Mark the door along the underside of the bracket. This line will be used to secure the brake bar in the proper location in step 6.
- INSTALLATION OF C-124BRK:** The brake mechanism can now be mounted at the mid-point of door travel. Recheck track position vs. centreline marked earlier for the C-124BRK. Once centreline location for the C-124BRK is verified, secure it to the header with suitable bolts (2).
- BRAKE BAR INSTALLATION:** Prior to installing the brake bar, the spring bolts on the C-124BRK must be loosened enough to easily allow the bar to slide in between the felt pads. Use the line marked on the door in step 4 to position and secure the bar assembly to the door with fasteners provided.
- RETIGHTEN** the spring bolts and test system. Resistance should be constant across the travel of the door. If too much resistance is encountered, remove one spring bolt and remove the washer under the head of the bolt. Repeat for the other two bolts, removing only one at a time. If additional pressure is desired, remove one spring bolt and add a washer under the bolt head. Repeat for other two bolts.

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| PRODUCT: C-124BRK BRAKE/SPEED REDUCER INSTALLATION | |  <small>1220 BURLOAK DRIVE BURLINGTON, ONTARIO, L7L 6B3 PHONE: 905-315-9788 or 716-754-8247 (US) TOLL FREE FAX: 1-800-567-0123 www.kncrowder.com</small> | |
| CUSTOMER: | | BY: | |
| PROJECT: | | DATE: | |
| DWG N°: C-124BRK BRAKE SPRED | REV N°: | DATE: | DESCRIPTION: |
| DRAWN BY: | SCALE: | | |
| DATE: OCTOBER 2020 | | | |
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