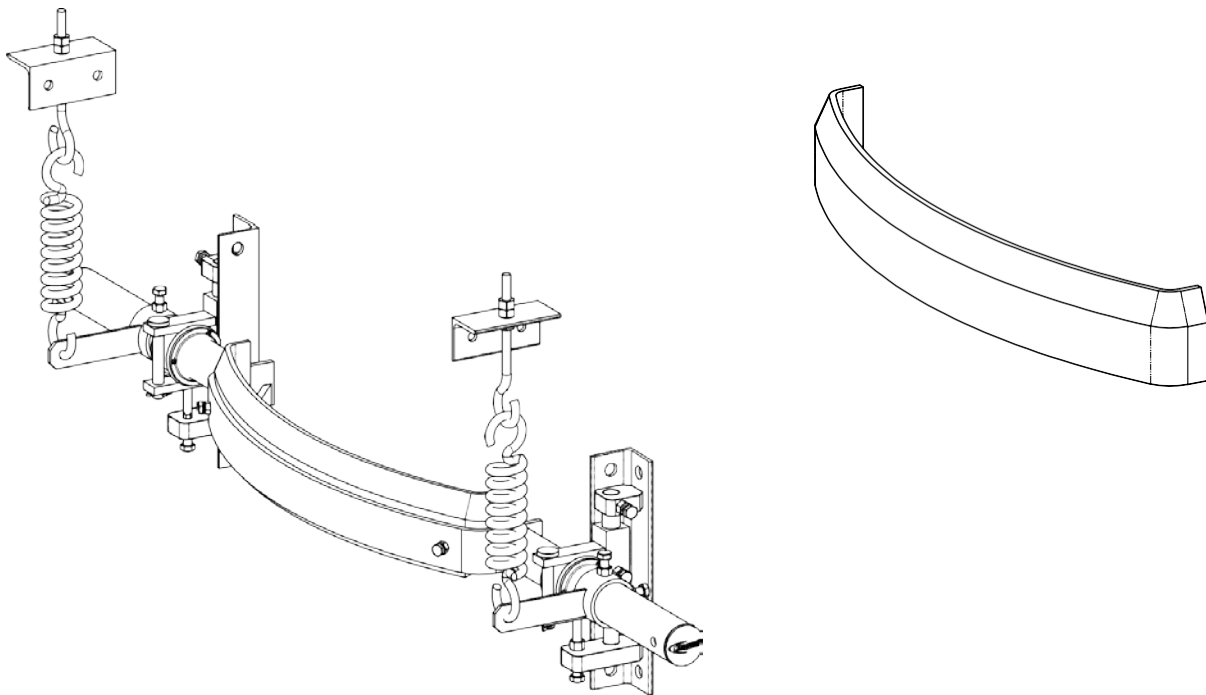


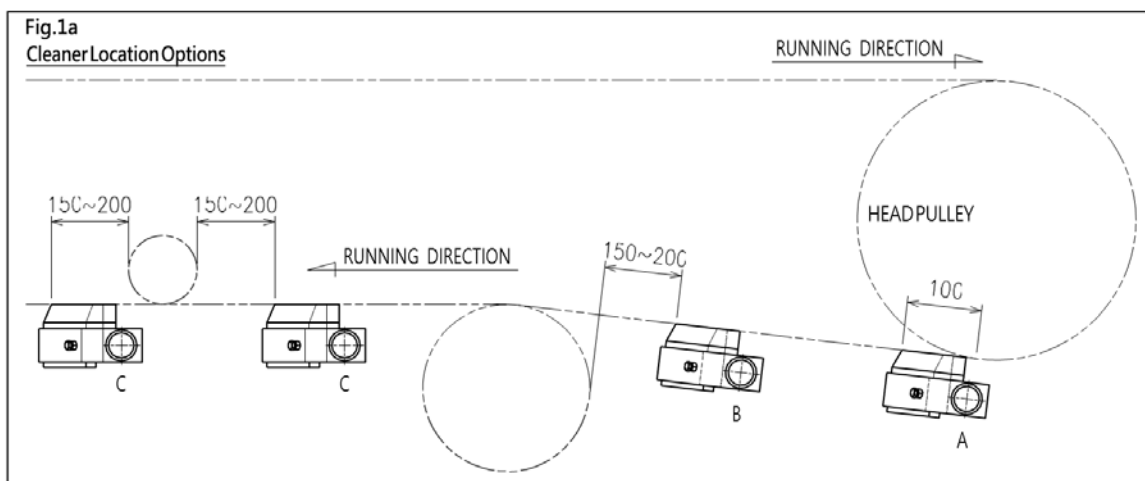
Installation Instructions: K-Calibre U-Style Secondary Belt Cleaner

Kinder Australia Product:	K-Calibre® U-Style Secondary Belt Cleaner
Product Category:	Belt Cleaning System Products
Issue Date:	14.7.25
Revision:	1



INSTALLATION STEPS

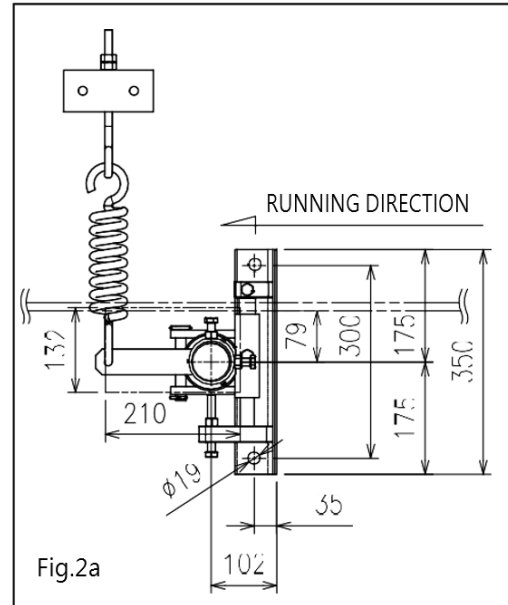
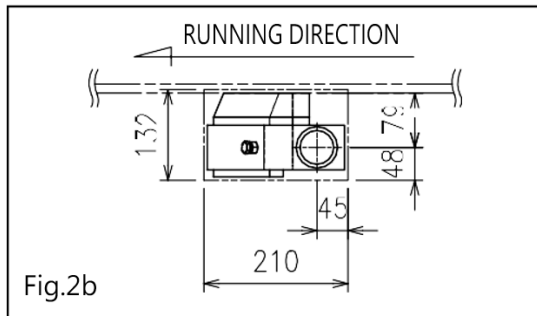
1. Confirm ideal belt cleaner location.



Installation Instructions: K-Calibre U-Style Secondary Belt Cleaner

2. Mark the specification of inspection door.

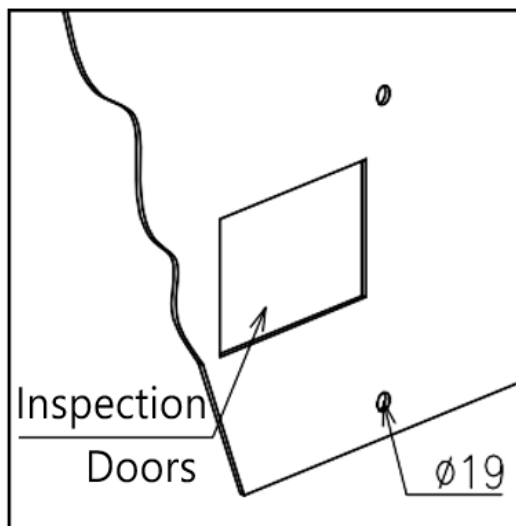
Mark **210x132mm** area as an inspection door and mark another on the other side as well.



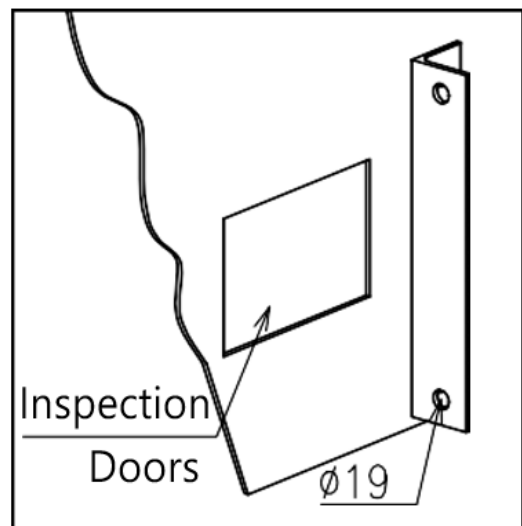
3. Cut for Inspection Doors and Drill Holes

Cut both specified areas of the chute as inspection doors, based on the mark at the Step.

To drill **19mm** holes and assemble the **M16** screw set.



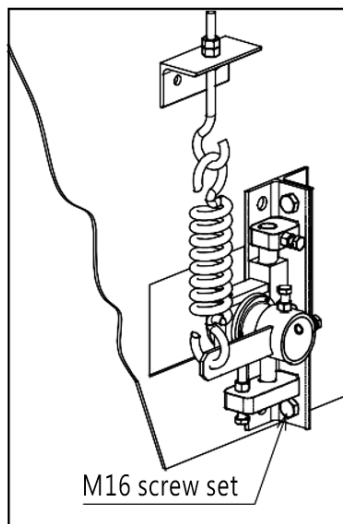
or



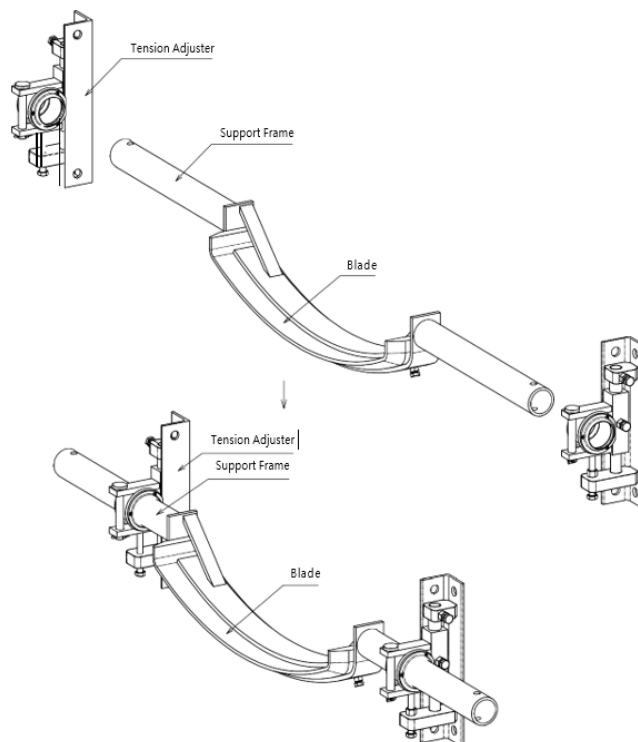
Installation Instructions: K-Calibre U-Style Secondary Belt Cleaner

4. Install the Adjustor on one side.

Install the adjustor on the narrow side and tighten the **M16** screw set.



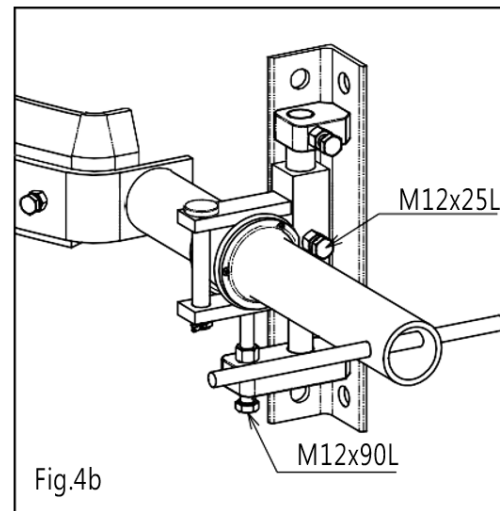
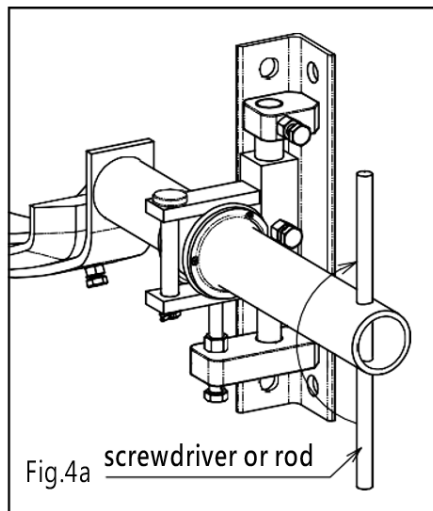
5. Install the blade set without locking screws and nuts of fixed sleeve of adjustor.



Installation Instructions: K-Calibre U-Style Secondary Belt Cleaner

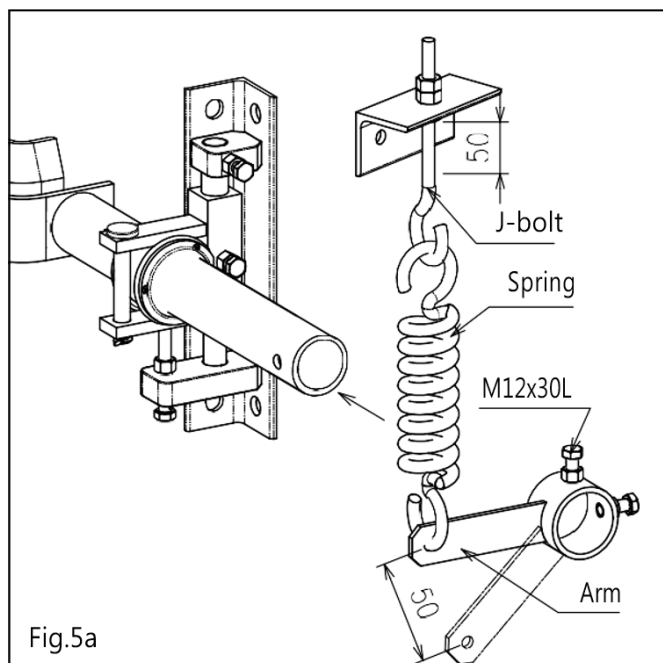
6. Insert a screwdriver or small rod into hole on end of cleaner pole, pushing on the rod, move blade into a position, parallel to belt (Fig.4b).

Tighten M12 screw set, screw and lock nut to hold blade parallel to belt and remove screwdriver or rod.



7. Slide Adjusting Arm into pole, and pull down **50mm**, tighten M12 screw set.

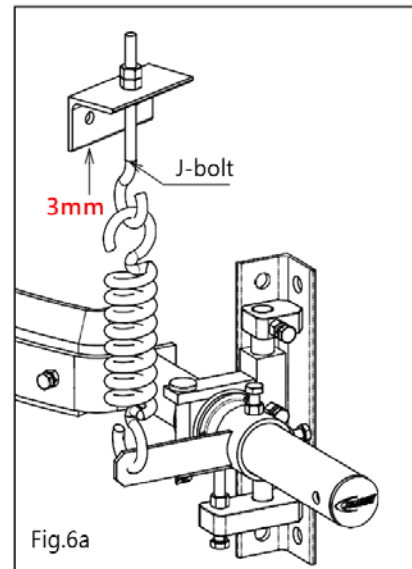
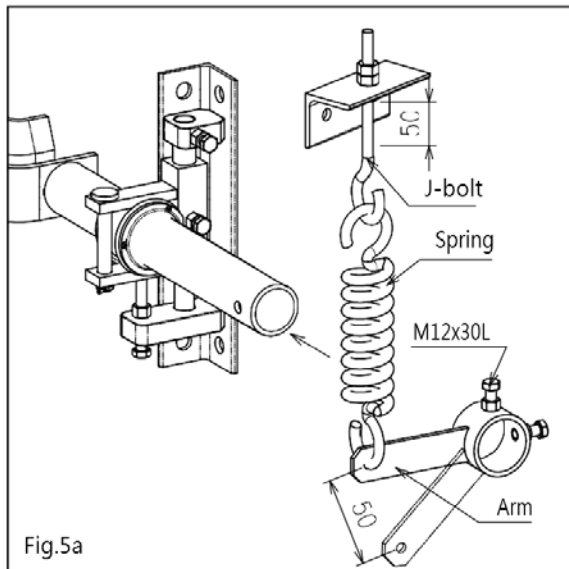
Allow at least **50mm** of upwards movement for J-bolt end for future adjustment.



Installation Instructions: K-Calibre U-Style Secondary Belt Cleaner

8. Adjust J-bolt and let blade contact belt, and then pull up **3mm**.

Run the conveyor and inspect the cleaning performance, and then make adjustments as necessary.



9. Make Blades Completely Touch the Belt

Raise the adjusted screw until the blades both sides touch the belt surface. Note: Ensure the blades both sides contact the surface equally.

Keep raising the adjusted screw until the blades completely touch the belt surface. Then rotate the adjusted nut 1~2 rounds and tighten the fixed nut.

10. Complete Installation and Test Run at least **15** minutes

Troubleshooting during the test run:

a. Vibration and noise from blade set.

The blade may vibrate even when the angle of blade is correct and the blades contact both sides of the belt surface equally.

The blades may need some bedding into the belt surface settling.

b. Overwhelmed cleaner blade and resultant poor cleaning performance.

The situation may occur when the primary belt cleaner has poor performance.

Blade tension may need adjusting, blades may need replacing, or the conveyor may lack a primary belt cleaner.

Installation Instructions: K-Calibre U-Style Secondary Belt Cleaner

MAINTENANCE

11. Replace blade when worn toward abrasion limit of tungsten carbide blade (10mm from original).

※ Warning: Do not reuse the screws and nuts on blades.

