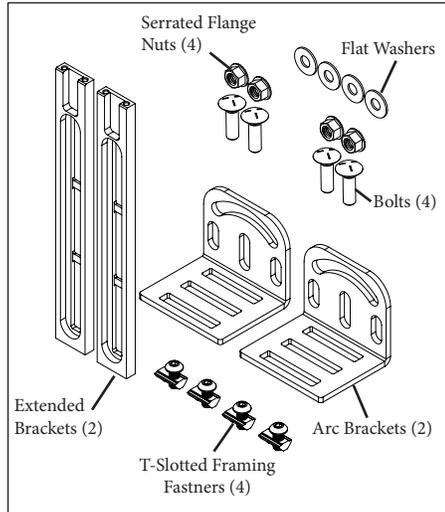


# STP Adjustable Arc Mount Bracket (Kit 106957)

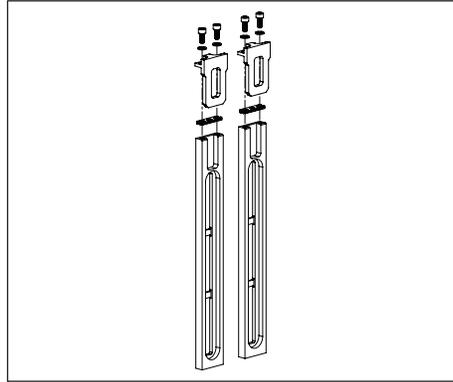
## Instructions for Installation

Reference Segmented Transfer Plate IOM (X4064 & X6041) for full installation details. This sheet is only to guide the installation of the optional mounting bracket. Kit 106957 contains two extra long mounting brackets, two adjustable arc brackets, and mounting hardware.

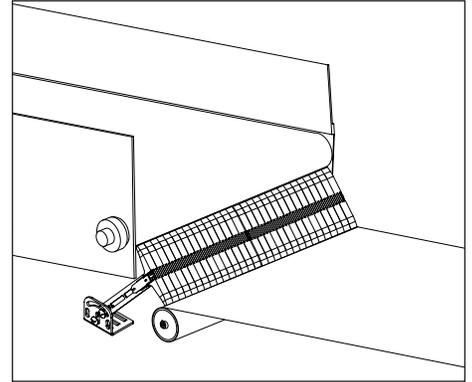
Typical applications include waterfall conveyors where there is the need to install the support bar at an angle to properly position the STP segments. Kit 106957 does not include the stainless steel top plates needed to hold the support bar. Remove the top plate, adjustment shims, and hardware from 56600 MTG BRKT KIT included with the STP kit and install them onto the extra long mounting brackets.



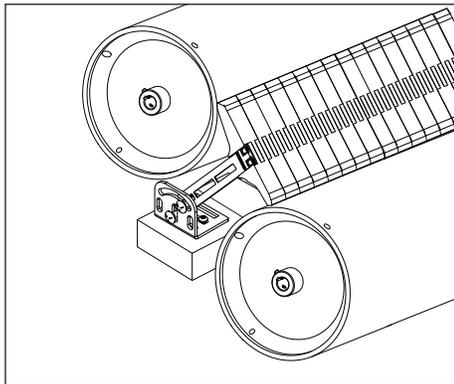
STP Adjustable Arc Mount Bracket (Kit 106957)



1. Remove the SS top plates, metal shims, and hardware from the 56600 MTG BRKT KIT and attach them to the Extra Long MTG BRKTS from the 106957 KIT.



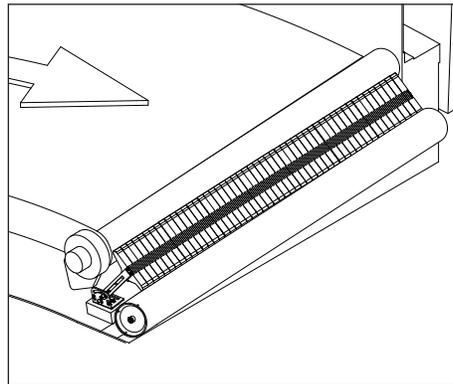
2. Identify waterfall transition and determine mounting surface below the leading pulley to which the adjustable arc bracket can be attached. The 90° angle bracket is typically attached to a cross member or front panel of the conveyor frame. An additional 90° angle bracket may simplify the mounting. Best practice is to mount the STP to the structure of the conveyor that secures the pulley.



3. In this example the adjustable arc mount bracket is anchored to a cross beam. Use three pairs of segments to position the extra long bracket at the angle required to match the waterfall transition, following a procedure similar to IOM X4064. Verify there is at least  $\frac{1}{4}$ " (6mm) of clearance between the brackets and pulleys or other moving parts.

**ALWAYS** use two carriage bolts to fasten the long drop bracket to the arc bracket.

**Optional:** Apply a threadlocker such as Loctite to the carriage bolts to prevent slip.



4. Install the transfer plate and follow steps 1 to 14 of IOM X4064. Once STP has been adjusted to proper height and angle, tighten the remaining carriage fasteners.

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