Martin® External Wear Liner Retrofit Kit Installation Instructions

⚠ DANGER

Before installing, servicing, or adjusting the conveyor equipment, turn off and lock out/tag out all energy sources to the conveyor and conveyor accessories according to ANSI standards. Failure to do so could result in serious injury or death.

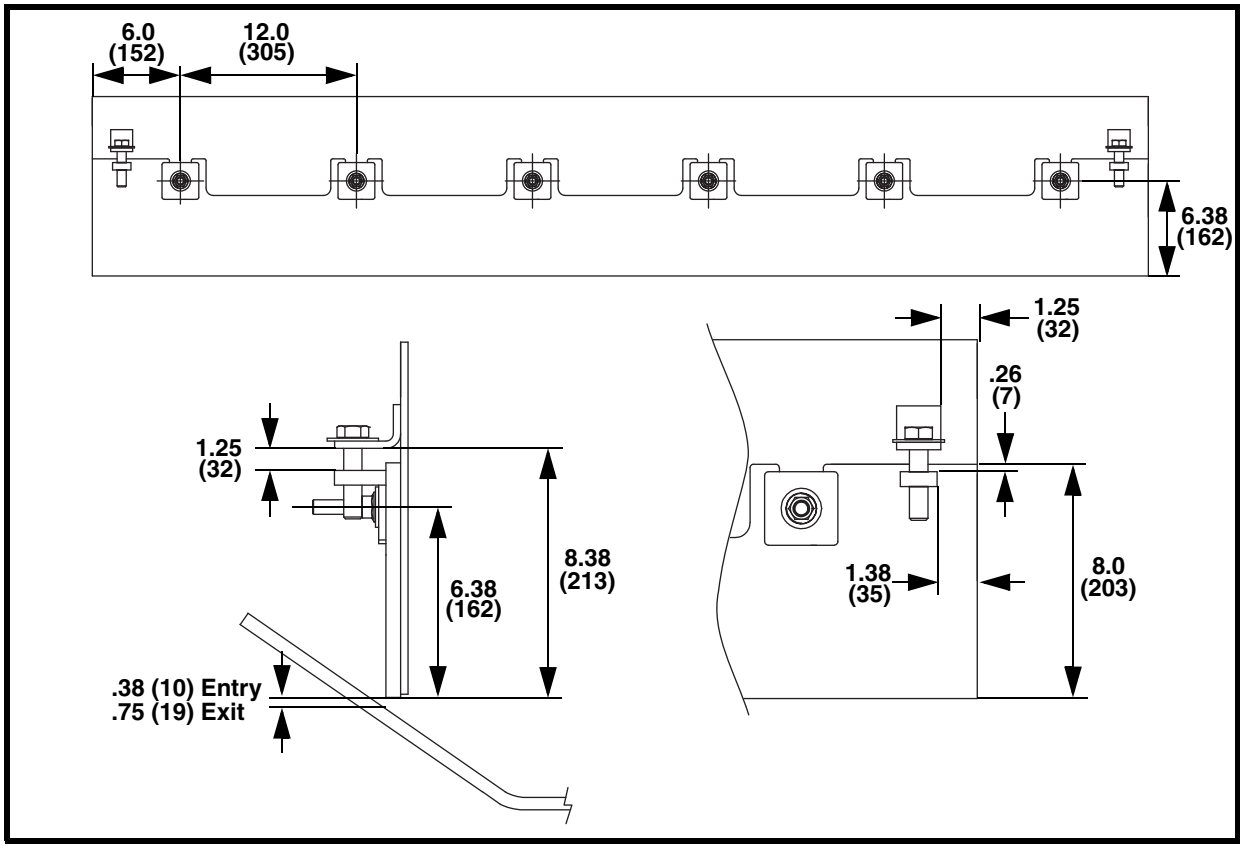

Figure 1. External Wear Liner Location

NOTE

For installations on Martin® Modular Chutework or where existing Martin® ApronSeal™ Clamps are installed, thread studs into nuts on chute wall and proceed to step 5.

1. Ensure that surface of chute is flat and free of anything that will hinder welding.
2. Mark a line parallel to the belt surface 6.38 in. from top of belt.
3. Along this line, make first mark 6.00 in. from end of chute wall and mark every 12.00 in. up to exit point.
4. On these marked centers, weld 1/2 in. hex nuts. Make sure nuts are flat against chute wall when welding.
5. Thread 1/2-13NC x 3.00 in. studs into hex nuts.

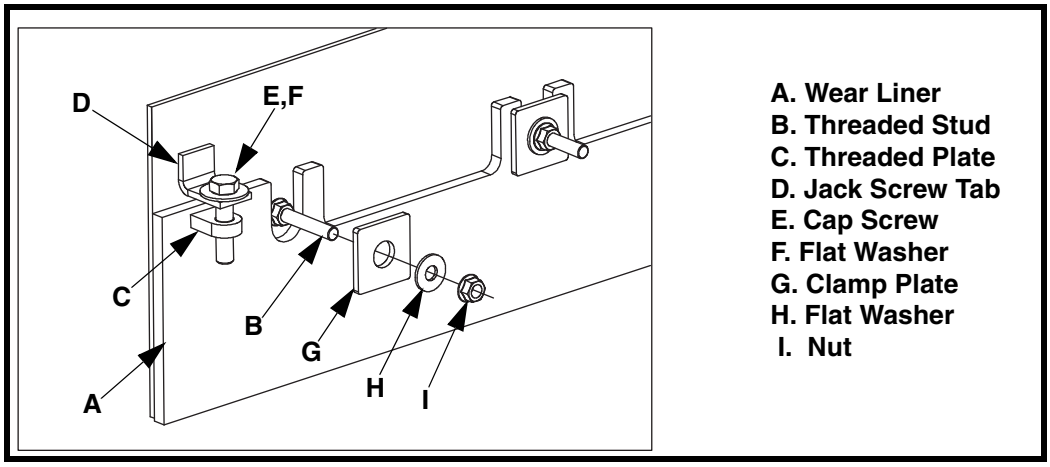

Figure 2. External Wear Liner Mounting

6. Weld threaded plates (C) to wear liner (A) according to dimensions in Figure 1.
7. Position wear liner against chute wall.
8. Install jack screw tab (D) and flat washer (F) onto cap screw (E) and thread screw into threaded plate.
9. Position jack screw tab with a gap of approximately 1.25 in. between tab and threaded plate. Weld tab to chute wall.
10. Repeat steps 6 and 7 on opposite end of wear liner.
11. Using jack screws adjust wear liner to have a belt clearance of .38 in. at belt entry and .75 in. at exit.
12. Install clamp plate (G), flat washer (H) and nut (I) onto studs (B) and tighten.
13. Repeat procedure on opposite side of chute.

After Installation

⚠ DANGER

Before installing, servicing, or adjusting the conveyor equipment, turn off and lock out/tag out all energy sources to the conveyor and conveyor accessories according to ANSI standards. Failure to do so could result in serious injury or death.

1. Turn on conveyor belt for 1 hour, then turn off.
2. Make sure all fasteners are tight. Tighten if necessary.

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV = ISO 9001:2008 =

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