

Impact Bed



Read and understand equipment operators manual before operating or performing maintenance. Failure to do so could result in serious injury or death.

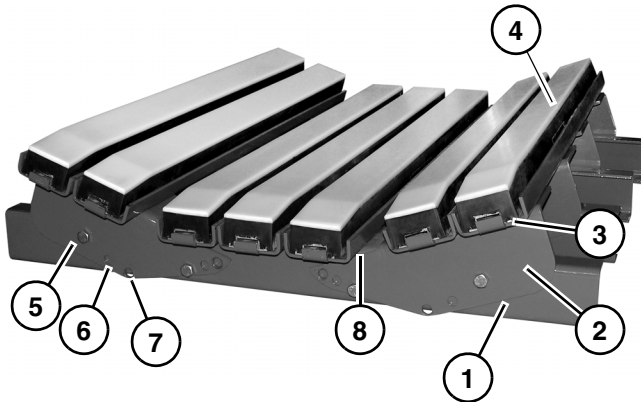
WARNING

Heed to the following warnings. Failure to do so could result in death or serious injury.

- Lockout/Tagout/Blockout before performing maintenance or installation.

Overview

Figure 133



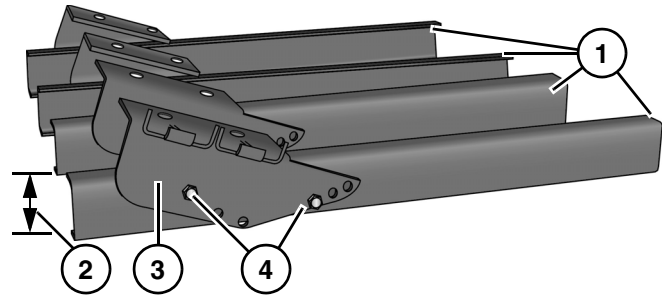
1. Base Support Bar
2. Support Wing
3. Impact Bar Tray
4. Impact Bar
5. 20° Troughing Angle Hole
6. 35° Troughing Angle Hole
7. 45° Troughing Angle Hole
8. Center Bracket

Installation

NOTICE

- Idler of matching degree must be positioned directly before and after where sealing system is installed.

Figure 134



1. Remove idlers in load area.

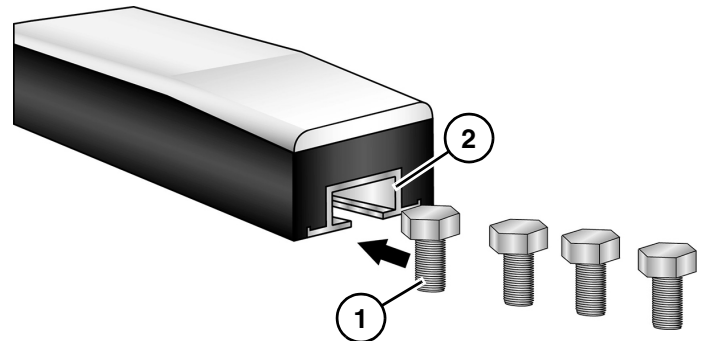
Note: Do not remove 1st idler in load area. This idler should be same as belt width. Troughing angle should be same as impact bed.

2. Place second idler the same as first idler downstream of impact bed.

Note: Center roll height of idlers must be at least .25" above impact bed. Idler will have to be shimmed if not higher than impact bed.

3. Bolt base support bars (1) to conveyor 13.5" (343 mm) (2) apart from center. (Figure 134)
4. Determine troughing angle needed, 20°, 35°, 45°.
5. Bolt support wings (3) to base support bars (1) using supplied bolts (4). (Figure 134)

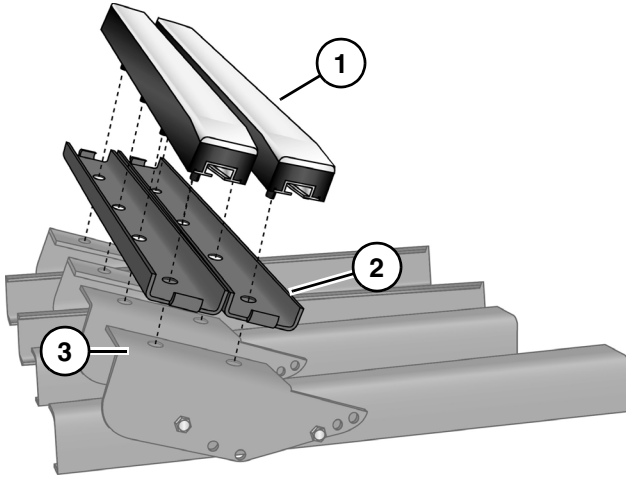
Figure 135



6. Slide required number of bolts (1) into channel on two impact bars (2). (Figure 135)

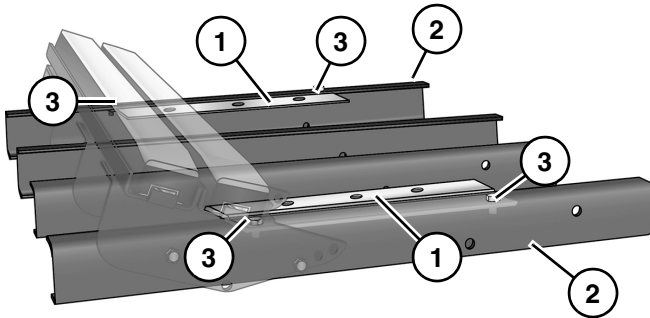
Note: Number of bolts required will depend on length of impact bed.

Figure 136



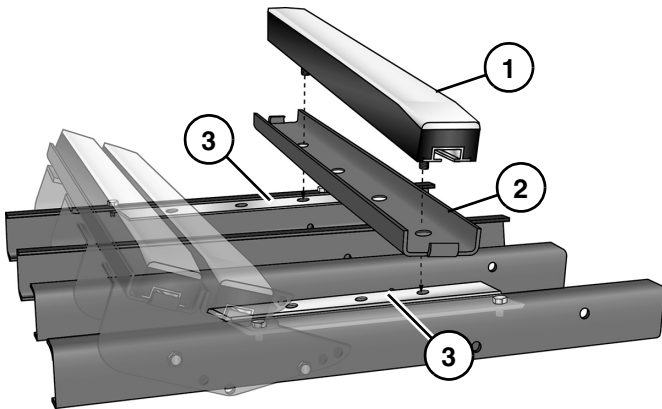
7. Line up bolt holes on impact bars (1), impact bar trays (2) and support wings (3). (Figure 136)
8. Secure impact bars (1) and impact bar trays (2) to support wings (3) with bolts and supplied nuts. (Figure 136)

Figure 137



9. Attach center brackets (1) on first and last base supports (2) with supplied bolts (3). (Figure 137)

Figure 138



10. Slide two bolts into channel on impact bar (1) (Figure 138).

11. Line up bolt holes on impact bar (1), impact bar trays (2) and center brackets (3). (Figure 138)
12. Secure impact bars (1) and impact bar trays (2) to center brackets (3) with bolts and supplied nuts.
13. Repeat steps 9-11 for other center impact bars.
14. Install opposite side angle impact bars using steps 3-7.

Replacing Impact Bars

1. Loosen bolts attaching impact bar to support wings or center brackets.
2. Remove bolts from channel of impact bar.
3. Slide bolts into new impact bar.
4. Place new impact bar into impact tray lining up bolts holes.
5. Re-tighten bolts.

Maintenance

Every 100 Hours

- Check impact bars.

Replace

- Impact bars when 75% worn.