

Ditch Plate Installation Instructions

(See parts illustration for reference numbers)

1. Install ditch plate side bar (Ref. #5 & #12) in hopper throat. This consists of two pieces of formed angle iron, four feet long each. These bolt onto the lower edge of the hopper throat. The holes are already drilled in the angles and paver hopper. Bolts are provided with the ditch plate kit.
2. Install ditch plates (Ref. #8, #10, or #14) as required for the job to be performed.
 - a. To install 3ft. plate: close the shut-off gate and open the screed extension all the way out. Slide the ditch plate over the top of the extension and into the throat of the hopper (below the shut-off gate) until the front of the plate rests on the slide bar (Ref. #5 or #12) and the rear is positioned over the three dowel pins on the screed extensions. Lock into place with hair pin cotter keys, provided in the kit, through the drilled holes in the dowel pins.

NOTE: If the hopper throat opening is not wide enough for the ditch plate to go down through, turn the screed depth adjusting screw counter-clockwise (down).

This will cause the hopper throat to widen.

- b. To install 6ft plate: Raise the screed 8 to 12 inches above the floor and securely place adequate blocking under the trailing edge of screed. Close the shut-off gate and open the screed extensions all the way out. Slide the 6ft. plate and place it on top of the slide bar (Ref. #5 & #12). Lift the rear edge of 6ft. plate and position it over the dowel pins on the screed extension, and on top of the angle iron that is welded to the center of the front of paver screed. Lock into place with the hair pin cotter keys, provided in the kit.

NOTE: If the hopper throat is not wide enough for the plate to pass through, turn the screed depth adjusting screw counter-clockwise (down).

This will cause the hopper throat to widen.

3. Install hopper block-off plates (Ref. #4 & #15, one for each side) as needed. All holes are drilled and bolts are provided. Install with the nuts to the inside of hopper.
4. Install screed shoe(s) (Ref. #21 & #22) to paver screed, on the side(s) of paver where a ditch plate is installed. The screed has tapped holes to receive the bolts. Adjust the shoe(s) so the screed does not drag on pavement.
5. Refer to Layton Ditch Paver width chart for proper plate combinations to handle various width situations.