

Accessory Setup & Installation Guide

Wire Way Trough Kits 6-Ft (1829 mm) (75-85-6) & 12.5-Ft (3810 mm) (75-85-12)

The Wire Way Trough Kits are pre-packaged assemblies, in maximum Trough lengths of 6-ft (1829 mm) or 12.5-ft (3810 mm), which can be installed on a Dorner 2100 or 3100 Series Conveyor. Individual Kits, combinations of Kits or either Kit (cut down to match the appropriate Conveyor length) can be attached to the bottom edge of either model Conveyor enabling *impac* accessory wiring along the base of the Conveyor.

Either Kit includes these instructions, a Wire Way Trough, T-slot Cover Strips, 2100 Series and 3100 Series Conveyor Mounting Clips, Wire Trough Mounting Brackets, a Tool and Metric Mounting Hardware to aid in Kit installation on a Dorner Conveyor.

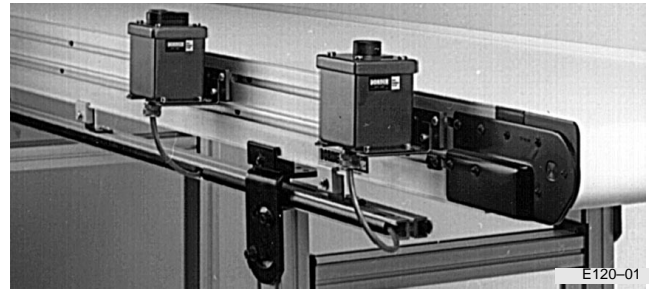


Figure 1: Wire Way Trough Kit Installed

NOTE:

All Wire Way Troughs have a maximum capacity to hold four (4) cables (2 cables, each side).

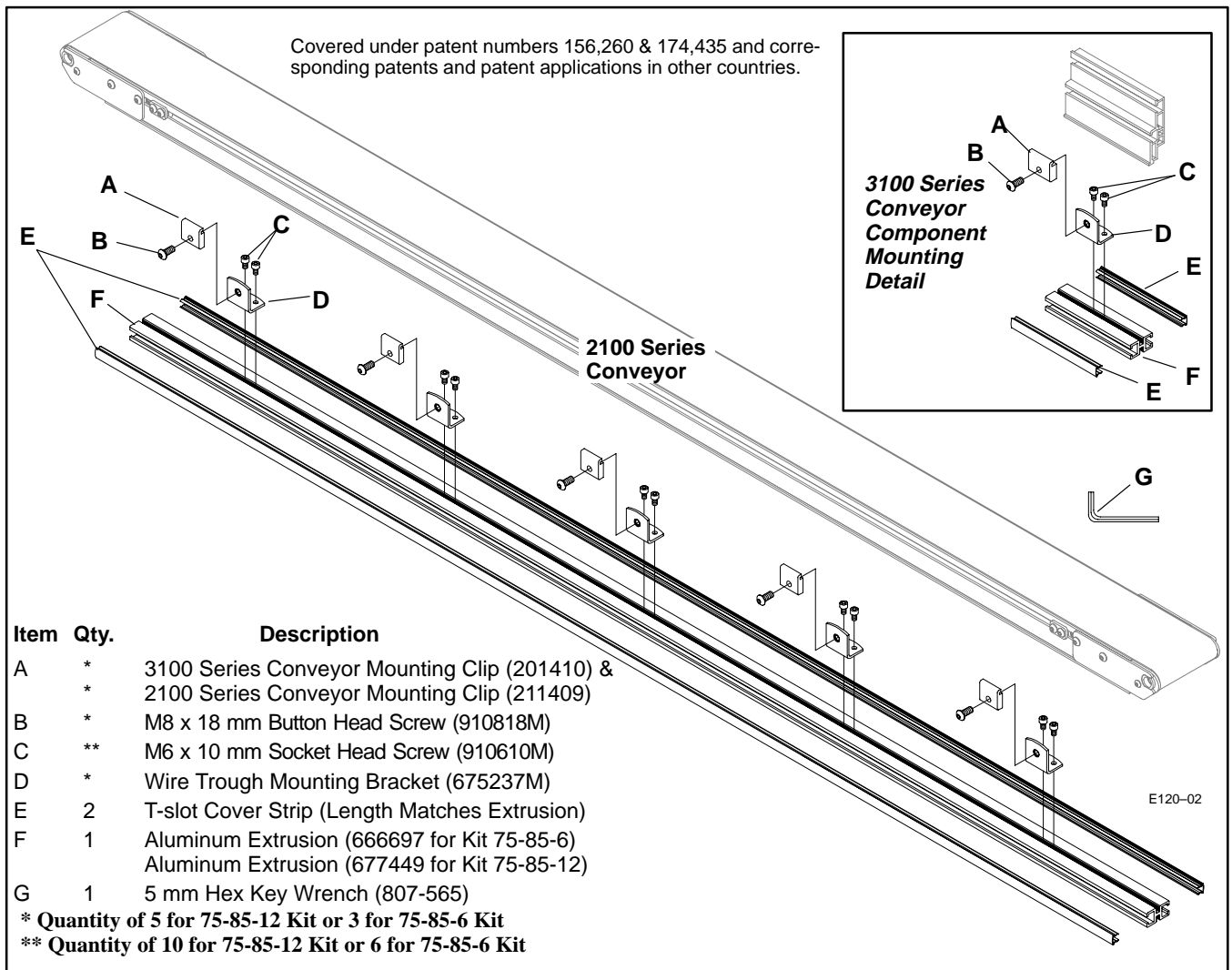


Figure 2: Wire Way Trough Kit Components

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Wire Trough Kit Installation Procedures

1. Verify all Kit parts are present.
2. Determine the layout for attaching the Kit components as well as how many Kits will need to be combined and any cutoff requirements.

NOTE:

In laying-out the Wire Trough, be sure to take into consideration any obstructions, such as mounted accessories, Support Stands Legs and Mounting Brackets, so as to be able to select the appropriate Wire Trough Mounting Bracket location. The distance between Trough Mounting Brackets should not be allowed to exceed 3 ft (915 mm).

3. At the appropriate position and in the direction illustrated (Figure 2), attach and secure the Trough Mounting Bracket (D) to the Wire Way Trough (F) with the two (2) M6 x 10 mm Socket Head Screws (C). Tighten the Screws with the 5 mm Hex Key Wrench (G) provided.

4. Once the Trough Mounting Brackets have been secured to the Wire Ways, the Bracket and Wire Way assemblies should be secured to the bottom edge of the Conveyor using the appropriate 2100 Series or 3100 Series Mounting Clip (A) and an M8 x 18 mm Button Head Screw (B), for each Clip (Figure 3). Tighten each Screw with the 5 mm Hex Key Wrench provided.

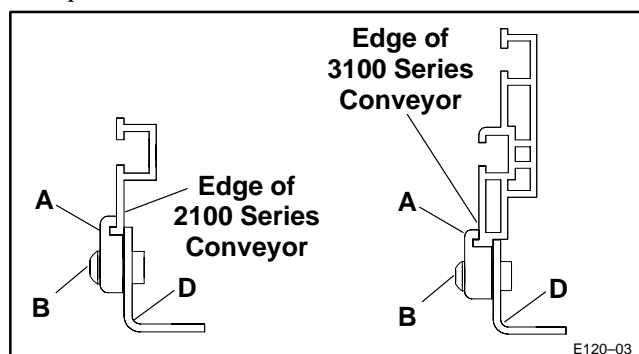


Figure 3: 2100 Series Conveyor Trough Mounting Bracket and Mounting Clip Attachment Detail

5. After the Wire Way Troughs have been securely attached to the Conveyor, the Cable(s) can be installed and maintained, in position, by installing the T-slot Cover Strips (E).

Standard Available IMPAC Accessory Kits

- Standard Photo-Eye Kit, Fixed Mount (75-30)
- Standard Photo-Eye Kit, Adjustable Mount (75-31)
- Timing Photo-Eye Kit, Fixed Mount (75-32)
- Timing Photo-Eye Kit, Adjustable Mount (75-33)
- Emergency Stop Kit, Illuminated (75-40)
- Emergency Stop Kit, Non-Illuminated (75-41)
- Emergency Stop Kit, Pull Cord (75-42)
- Jog Kit (75-10)
- Foot Switch Kit (75-20)
- Start/Stop Kit (75-70)
- Electric Clutch/Brake Kit (75-60)
- Controller to Controller Linking Cable Kit (75-80)
- Wire Way Trough Kits
6-ft (1829 mm) (75-85-6)
12.5-ft (3810 mm) (75-85-12)
- T-slot Extension Kit (307000M)
- Light Duty End Stop Kits
2100 Series (215502M – 215524M)
3100 Series (315504M – 315540M)
- Adjustable Stop Kits
(307602M – 307640M)

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