



Major components of the TRIC Pusher/Wedge assembly: PE adapter (A), pusher (B), galvanized steel pipe sample (C), and 3/8" aircraft cable or PTI wire (D). For splitting soft material (plastic or copper), the Wedge is used in place of the pusher.



String cable through Pusher (shown above) or Wedge, then through existing utility line. If the utility is galvanized steel, use the Pusher. Small steel lines are extracted in short runs, while plastic and copper lines are split in place.



The standard TRIC pusher is designed for 3/4" and 1" galvanized steel lines. Steel service lines need to be straight and relatively short (20–25 feet) or done in stages. A 60-foot line, for example, should be pot-holed every 20 feet and have a small 3" to 4" section cut out before stringing cable through. This is because the pulling cable has a test strength of only 8–10 tons, and overcoming friction on longer sections of pipe will likely result in breaking the cable.



The PE adapter (for Polyethylene or PEX plastic pipe) or the copper adapted is attached to the Pusher.



The PE adapter is threaded onto the new plastic pipe.



Standard Wedge at top (for 3/4" and 1" lines) requires 3/8" cable, and large Wedge at bottom (for 1.5" lines) uses 5/8" cable.