

Tool, Tension Puller

By Chance Lineman Tools & Equipment
Catalog # [C4001907](#)



Tension Puller Switching Tool combines line-tension disconnect switch with Epoxiglas™ insulated tool as above. Weathershed polymer skirts are bonded to 1.5"-diameter pole. Compression clamps secure switch hot parts to pole. Bypass stud (.5"-dia.) at each end of switch accepts 3"-wide jumper clamps. Copper switch blade with silver-plated contacts opens to 90°, or 180° with stop pin removed. Galvanized hooks are provided for operation by loadbreak device. With handling rings, this tool may be operated by either hotline tools or rubber-glove techniques. Illustrated instructions give procedures for installation, operation and maintenance. Hot line jumpers installed on conductor and tool's bypass studs create parallel circuit. Conductor is securely restrained before cut. Long tail is clamped back onto itself. Portable loadbreak device may be used to open switch. For additional recommendations, refer to ANSI C37.35 IEEE Guide for the Application, Installation, Operation and Maintenance of High Voltage Air Disconnecting and Load Interruption Switches.

Features

- Tested per OSHA & ASTM F711
- For line tension up to 4,000 lbs. with manual hookstick switch
- Maximum ratings: 35 kV Ø-Ø, 600 amps continuous, 150 kV BIL
- Permits a live overhead distribution line to be cut
- By bearing the mechanical load, it helps create a parallel circuit
- This averts service interruption while the cutting and related work are performed
- May be applied wherever disconnect switch is desired for temporary sectionalizing
- Tool is properly rated concerning line tension, continuous current, BIL and system voltage
- Applications that require cutting a conductor include: Deadend-structure construction, Overhead switch installation on a structure, In-line switch installation
- Combines two Chance products: Epoxiglas™ insulated tension puller and LTD® line-tension disconnect switch
- For this special tool, weathershed skirts of a tough, lightweight polymer have been bonded to the tension puller's 1-1/2"-diameter Epoxiglas pole
- At both skirt ends, a locating pin aligns a compression clamp to secure switch hot parts to pole
- A bypass stud (1/2"-dia.) added at each end of switch accepts clamps up to 3" wide
- Rigid, H-frame copper switch blade opens to a standard 90°, or to 180° with stop pin removed
- Contact areas are silver-plated for high conductivity

- Galvanized-steel hooks are provided for use with a portable loadbreak device
- For easy opening and icebreaking, pull ring (1-1/4"-dia. eye) activates latch as a pry-lever
- Hooks on ends are fixed and do not swivel
- Safety latch on hooks has a spring-loaded gate able to rotate 135 degrees left or right from closed position
- Selector lever on ratchet wrench is extra large for easier operation by hot line tools

General

Catalog Number	C4001907
Style	35 kV Switch Puller
UPC	096359017301

Dimensions

Dimensions	72 in x 19 in x 11 in
Dimensions Metric	182.9 mm x 48.3 mm x 27.9 mm
Height	11 in
Height Metric	27.9 mm
Length	72 in
Length Metric	182.9 mm
Weight	29 lb
WeightMetric	13.1 kg
Width	19 in
WidthMetric	48.3 mm

Certifications And Compliance

Buy America(n) Qualified	TAA Compliant (All status valid till December 2024)	Catalogs - Transmission Tools Installation Manuals - CHANCE® Epoxiglas™ Live-Line Tool Instruction Manual Literature - Transmission Project Tools and Equipment Checklist Sales Drawings - Tension Puller Switching Tool Specifications - C4001907
Logistics		
Pallet Quantity	10	
Product Assets		