



C_ampact_EZload

AMPACT EZ Load Wedge Installation Tool

The AMPACT EZ LOAD tool is a precision designed, powder actuated tool that is robust yet lightweight. The tool is designed with a lock and load approach. This all in one design hinges on the power unit and is easily opened and closed to replace the cartridges. AMPACT tools are engaged by firing a special powder loaded cartridge within the tool which reduces the time and effort required to tap a power line.

AMPACT cartridges are color-coded (red etc.) and designed specifically for use in the AMPACT EZ LOAD tools to install AMPACT taps. The cartridges are molded of weatherproof polyethylene and packed with propellant and primer. The color of the cartridge indicates the strength of the powder charge and corresponds to the color-code of tap sizes with which they are used.

The compact tools are manufactured in high-grade steel to precise tolerances and are available in two sizes: large head and small head. The same interchangeable power unit is used in both tools.

Selection Information

Catalog Number	Description
1443413-2	AMPACT EZ LOAD Power k Adapter
1443514-1	AMPACT EZ LOAD Hot-Stick Adapter Kit (includes Piercer pin guide and cover)
1443470-1	AMPACT EZ LOAD Hot-Stick Adapter with Power Unit
1443442-1	AMPACT EZ LOAD Cleaning tool
1443448-1	AMPACT EZ LOAD Tool repair kit (included Piercer Pin guide, Piercer pin and grub screw)
69610-2	Hot-stick Kit for EZ Load tool



C_ampact_cartridges

Cartridges

Catalog Number	Description
69338-5	White
69338-2	Red
69338-1	Blue
69338-4	Yellow



80665-2

C_ampact_inhibitor

Inhibitor Compound and NEMA Interface Hinge

Catalog Number	Description
80665-3	8 oz. (236 ml) plastic bottle aluminum inhibitor compound
80665-2	1 qt (.95 litre) can aluminum inhibitor compound
561118-1*	2-Hole NEMA interface hinge to protect against corrosion between dissimilar metals

*IS 408-2556



80665-3



561118-1



C_cleaningtool

Cleaning Tool

Part Number	Description
314199-1	Cleaning Tool

	Type	Top Groove		Bottom Groove		Sum		Package Color	Catalog No. (Reinforced)	Cover Catalog No.
		max.	min.	max.	min.	max.	min.			
Symmetrical Connectors	I	.320 (8,12)	.125 (3,17)	.275 (7,00)	.125 (3,17)	.551 (14,01)	.418 (10,60)	Gray	881781-1	881224-1
	II	.320 (8,12)	.125 (3,17)	.208 (5,30)	.125 (3,17)	.417 (10,59)	.347 (8,82)	Green	881783-1	881225-1
	III	.258 (6,55)	.100 (2,54)	.174 (4,41)	.050 (1,27)	.346 (8,81)	.291 (7,40)	Red	881785-1	881226-1
	IV	.241 (6,12)	.100 (2,54)	.145 (3,70)	.050 (1,27)	.290 (7,39)	.236 (5,99)	Blue	881787-1	881226-1
	V	.186 (4,72)	.100 (2,54)	.118 (3,00)	.050 (1,27)	.235 (5,98)	.180 (4,58)	Yellow	881789-1	881226-1
	VI	.417 (10,61)	.315 (8,01)	.368 (9,36)	.257 (6,54)	.737 (18,72)	.661 (16,79)	White/ Blue	444031-1	602061-0
	VII	.398 (10,11)	.183 (4,66)	.327 (8,30)	.183 (4,66)	.660 (16,78)	.552 (14,02)	White/ Red	444033-1	602061-0
	VIII	.398 (10,11)	.315 (8,01)	.398 (10,11)	.315 (8,01)	.796 (20,22)	.738 (18,73)	Green/ White	444385-1	602061-0
Asymmetrical Connectors	A	.368 (9,36)	.220 (5,60)	.201 (5,10)	.068 (1,74)	.431 (10,95)	.358 (9,10)	Violet	688652-1	688385-1
	B	.368 (9,36)	.244 (6,20)	.201 (5,10)	.068 (1,74)	.516 (13,11)	.431 (10,95)	Orange	688653-1	688385-1
	C	.501 (12,74)	.323 (8,20)	.201 (5,10)	.068 (1,74)	.581 (14,75)	.516 (13,11)	Brown	688654-1	688386-1
	D	.501 (12,74)	.374 (9,50)	.201 (5,10)	.068 (1,74)	.669 (17,00)	.581 (14,75)	White	688655-1	688386-1
	F	.328 (8,33)	.220 (5,60)	.201 (5,10)	.068 (1,74)	.358 (9,10)	.283 (7,20)	Green/ Blue	688656-1	688385-1
	G	.328 (8,33)	.220 (5,60)	.068 (1,73)	.054 (1,36)	.358 (9,10)	.283 (7,20)	Violet/ Blue	688657-1	688385-1

*Note: Universal Distribution Connectors are supplied in individual packages identified by Type.

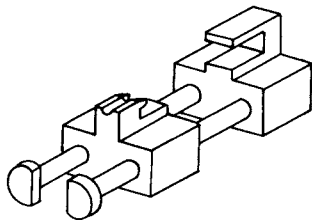
Example

To make a service entrance of a 4 AWG [21 mm²] stranded Al cable to a 10 AWG [5.12 mm²] solid Cu wire, add:

- Diameter of Main Wire (4 AWG [21 mm²] stranded Al cable)
- Diameter of Service Entrance Wire (10 AWG [5.12 mm²] solid Cu wire)
- Total of Diameters

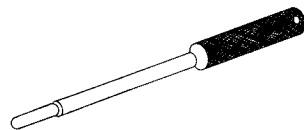
= 0.232 in. [5,89 mm]	} The recommended connector is Type III, with the red color plastic bag.
= 0.096 in. [2,44 mm]	
= 0.328 in. [8,33 mm]	

Extraction Tools



572882-1
IS 411-37014

(For use with Symmetrical Connectors)



357486-1
IS 411-37014

(For use with Asymmetrical Connectors)



C_HotStick

Hot-Stick

This revolutionary tap installation method cuts down lineman exposure to energized lines. Using this unique tool, the AMPACT tap system is adaptable for use with standard hot sticks. With a simple hot stick adapter kit, the standard glove method is converted to the fastest hot-stick method available. The hot stick kit allows linemen to work in line with conductors instead of across them. And the same tools are used whether working from pole, board or bucket, and when installing or removing tap.

Adapts AMPACT tools to standard commercial hot stick equipment. The kit handles AMPACT taps and stirrups from No. 8 to 556.5-27/7 ACSR. (With additional components, it can be used on conductors to 1192.5-45/7 ACSR.) For additional information contact your TE representative.

Selection Information

Part Number 69610-1. The kit consists of the following items, which also can be ordered separately:

Item	Part Number	Description
Geared Breech	306347-1	Replaces standard breech cap assembly Cap Assembly and enables power unit to be tightened against wedge by simply turning stick.
90° Adapter	69833-1	Attaches tool holders to universal hot stick, and wedge holder to "C" holder. Two adapters are included.
Small Tool Holder	306349-2	Holds small AMPACT tool No. 69437 with universal hot stick.
Large Tool Holder	306349-1	Holds large AMPACT tool No. 69611 with universal hot stick.
"C" Holder	306350-2	Used to hold the "C" member with shotgun stick, and to hook over the through and tap conductors.
Wedge Holder	306348-1	Used to hold wedge with universal hot stick.
Piggyback Clamp	69816	Used to hold tap conductor in position with through conductor
Adapter	1443514-1	Hot-Stick EZ Load adapter

Accessories must be ordered separately from Hot-Stick Kit. Required for taps and stirrups in 795.0 to 1192.5 kcmil range.

Item	Part Number
"C" and Wedge Holder	69900
Piggyback Clamp	69883

Note: This clamp is not intended for continuous electrical service.



306347-1



69833-1



306349-2



306349-1



306350-2



306348-1



69816



69674



69900



69883



1443514-1