

#### Fargo Available Wrench Combinations:

\* These wrenches do not have polypropylene handle.

CATALOG NUMBER	"A" END DESCRIPTION	FIGURE	C INCHES (MM)	"B" END DESCRIPTION	FIGURE	C INCHES (MM)	L APPROX. INCHES (MM)	WEIGHT LB. (KG)	
GP201*	3/8" Ratchet	1	one piece	9/16" Ratchet	1	one piece	6.75 (171.79)	<b>0.75</b> (0.34)	1
GP203*	9/16" Ratchet	1	one piece	3/4" Ratchet	1	one piece	6.25 (159.06)	<b>0.75</b> (0.34)	1
GP2031*	1/2" Ratchet	1	one piece	9/16" Ratchet	1	one piece	6.75 (171.79)	<b>0.75</b> (0.34)	1
GP204*	3/4" Ratchet	1	one piece	7/8" Ratchet	1	one piece	9.25 (235.41)	<b>0.75</b> (0.34)	1
GP209	3/8" Allen Ratchet	4	<b>1.21</b> (30.79)	Eye Loop	9	<b>1.00</b> (25.45)	<b>7.50</b> (190.88)	<b>0.75</b> (0.34)	1
GP2090P	3/8" Allen Ratchet	4	<b>1.21</b> (30.79)	Penta Socket	6	<b>2.00</b> (50.90)	<b>8.75</b> (222.69)	<b>1.00</b> (0.45)	1
GP2090P4	3/8" Allen Ratchet	4	<b>1.71</b> (43.52)	Penta Socket	6	<b>2.00</b> (50.90)	8.75 (222.69)	<b>1.00</b> (0.45)	1
GP2090P90	3/8" Allen Ratchet	4	<b>1.21</b> (30.79)	90° Penta Socket	7	<b>2.50</b> (63.63)	<b>9.25</b> (235.41)	<b>1.00</b> (0.45)	1
GP2091P	Penta Socket	6	1.91 (48.61)	Eye Loop	9	1.00 (25.45)	<b>7.50</b> (190.88)	<b>0.75</b> (0.34)	1
GP2091P90	90 Penta Socket	7	<b>2.37</b> (60.32)	Eye Loop	9	1.00 (25.45)	<b>8.00</b> (203.60)	<b>0.75</b> (0.34)	1
GP2092M	3/8" Allen Ratchet	4	<b>1.21</b> (30.79)	3/8" Allen Bar	3	<b>1.25</b> (31.81)	<b>8.00</b> (203.60)	<b>0.75</b> (0.34)	1
GP2093	5/16" Allen Ratchet	4	<b>1.46</b> (37.16)	Eye Loop	9	1.00 (25.45)	<b>7.75</b> (197.24)	<b>0.75</b> (0.34)	1
GP2093P	5/16" Allen Ratchet	4	<b>1.46</b> (37.16)	Penta Socket	6	<b>2.00</b> (50.90)	<b>9.00</b> (229.05)	<b>1.00</b> (0.45)	1
GP2093P90	5/16" Allen Ratchet	4	1.46 (37.16)	90° Penta Socket	7	<b>2.50</b> (63.63)	<b>9.25</b> (235.41)	<b>1.00</b> (0.45)	1
GP209375P90	5/16" Allen Ratchet	4	<b>0.75</b> (19.09)	90° Penta Socket	7	<b>2.50</b> (63.63)	<b>9.25</b> (235.41)	<b>1.00</b> (0.45)	1
GP210	3/16" Allen Bar	3	<b>1.25</b> (31.81)	Eye Loop	9	1.00 (25.45)	6.75 (171.79)	<b>0.50</b> (0.23)	1
GP2101	1/4" Allen Bar	3	<b>1.88</b> (47.85)	Eye Loop	9	1.00 (25.45)	<b>7.38</b> (187.82)	<b>0.50</b> (0.23)	1
GP211	3/8" Allen Bar	3	<b>1.25</b> (31.81)	Eye Loop	9	1.00 (25.45)	6.75 (171.79)	<b>0.50</b> (0.23)	1
GP212	5/16" Allen Bar	3	<b>1.25</b> (31.81)	Eye Loop	9	<b>1.00</b> (25.45)	<b>6.75</b> (171.79)	<b>0.50</b> (0.23)	1
GP216*	11/16" Ratchet	1	One piece	15/16" Ratchet	1	One piece	<b>9.25</b> (235)	<b>0.75</b> (0.34)	1
GP221	3/8" Ratchet	1	<b>2.25</b> (57.26)	9/16" Ratchet	1	<b>2.25</b> (57.26)	<b>9.00</b> (229.05)	<b>0.75</b> (0.34)	1
GP2210	3/8" Ratchet	1	<b>2.25</b> (57.26)	7/16" Ratchet	1	<b>2.25</b> (57.26)	<b>9.00</b> (229.05)	<b>0.75</b> (0.34)	1
GP2212	1/2" Ratchet	1	<b>2.25</b> (57.26)	9/16" Ratchet	1	<b>2.25</b> (57.26)	<b>9.00</b> (229.05)	<b>0.75</b> (0.34)	1

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DG



#### **DISTRIBUTION TOOLS** SERIES GP FARGO CONNECTOR WRENCHES (Continued) С С <u>Z</u>7 0 O₽ Figure 1 Figure 2 Ratchet Rev. Ratchet Figure 3 Allen Bar C Figure 5 ппп Figure 4 Rev. Allen Figure 6 Allen Ratchet Ratchet Penta С Socket С 0 C Figure 8 Figure 7 90°Penta Ratchet Figure 9 90° Penta Socket Eye Loop 'R WEIGHT CATALOG C INCHES (MM) C INCHES (MM) APPROX. INCHES (MM) END DESCRIPTION FIGURE END DESCRIPTION FIGURE NUMBER LB. (KG) GP2213 5/16" Ratchet 1 2.00 (50.90) 3/8" Ratchet 1 2.00 (50.90) 8.50 (216.33) 0.75 (0.34) 3/8" Allen Ratchet 5/16" Allen Ratchet 9.00 (229.05) 0.75 (0.34) GP2213AR 4 1.21 (30.79) 4 1.21 (30.79) GP2214 3/8" Ratchet 2.00 (50.90) 1/2" Ratchet 2.00 (50.90) 8.50 (216.33) 0.75 (0.34) 1 1 GP2215P 3/8" Reversible Ratchet 2.25 (57.26) 2.00 (50.90) 8.75 (222.69) 1.00 (0.45) 2 Penta Socket 6 3/4" Ratchet GP223 2.25 (57.26) 9.00 (229.05) 0.75 (0.34) 9/16" Ratchet 1 2.25 (57.26) 1 GP2231 9/16" Ratchet 2.25 (57.26) 11/16" Ratchet 2.25 (57.26) 9.00 (229.05) 0.75 (0.34) 1 1 GP2232 3/4" Ratchet 2.25 (57.26) 11/16" Ratchet 2.25 (57.26) 9.00 (229.05) 0.75 (0.34) 1 1 GP2233 9/16" Ratchet 1 2.25 (57.26) 5/8" Ratchet 1 2.25 (57.26) 9.00 (229.05) 0.75 (0.34) GP2234 1/2" Ratchet 2.25 (57.26) 5/8" Ratchet 2.25 (57.26) 9.00 (229.05) 0.75 (0.34) 1 1 GP2235 5/8" Ratchet 2.25 (57.26) 11/16" Ratchet 2.25 (57.26) 9.00 (229.05) 0.75 (0.34) 1 1 9.50 (241.78) GP2236 5/8" Ratchet 2.25 (57.26) 2.75 (69.99) 0.75 (0.34) 1 13/16" Ratchet 1 GP2237 5/8" Ratchet 2.25 (57.26) 3/4" Ratchet 2.25 (57.26) 9.00 (229.05) 0.75 (0.34) 1 1 GP2238 3/4" Ratchet 2.25 (57.26) 13/16" Ratchet 2.75 (69.99) 9.50 (241.78) 0.75 (0.34) 1 1 5/16" Rev. Allen Ratchet 9.00 (229.05) GP2239 3/4" Reversible Ratchet 2 2.25 (57.26) 5 1.00 (25.45) 1.00 (0.45) GP224 3/4" Ratchet 2.25 (57.26) 7/8" Ratchet 2.75 (69.99) 9.50 (241.78) 1.00 (0.45) 1 1 2.75 (69.99) GP2240 13/16" Ratchet 2.75 (69.99) 7/8" Ratchet 10.00 (254.50) 1.00 (0.45) 1 1 GP2241P90 13/16" Ratchet 1 2.75 (69.99) 90° Penta Socket 7 2.50 (63.63) 9.75 (248.14) 1.00 (0.45) GP2242 11/16" Ratchet 1 2.25 (57.26) 15/16" Ratchet 1 2.75 (69.99) 9.50 (241.78) 1.00 (0.45) GP2243 13/16" Ratchet 2.75 (69.99) 15/16" Ratchet 2.75 (69.99) 10.00 (254.50) 1.00 (0.45) 1 1 2.75 (69.99) 15/16" Ratchet 2.75 (69.99) 10.00 (254.50) GP2245 7/8" Ratchet 1 1 1.00 (0.45) GP239 5/16" Rev. Allen Ratchet 5 1.00 (25.45) 5/16" Rev. Allen Ratchet 5 1.00 (25.45) 9.00 (229.05) 1.00 (0.45) 5/16" Rev. Allen Ratchet 1.50 (38.18) 3/8" Rev. Allen Ratchet 1.38 (35.12) 9.00 (229.05) 1.00 (0.45) GP240 5 5 3/8" Rev. Allen Ratchet 1.00 (25.45) GP240P1 Penta Socket 6 2.00 (50.90) 8.75 (222.69) 1.00 (0.45) 5 GP241P 5/16" Rev. Allen Ratchet 5 1.50 (38.18) Penta Socket 6 2.00 (50.90) 8.75 (222.69) 1.00 (0.45) GP241P1 5/16" Rev. Allen Ratchet 2.00 (50.90) Penta Socket 2.00 (50.90) 8.75 (222.69) 1.00 (0.45) 5 6 Penta Socket GP241P2 5/16" Rev. Allen Ratchet 5 1.00 (25.45) 6 2.00 (50.90) 8.75 (222.69) 1.00 (0.45) GP241P3 5/16" Rev. Allen Ratchet 5 2.50 (63.63) Penta Socket 6 2.00 (50.90) 8.75 (222.69) 1.00 (0.45) 5/16" Rev. Allen Ratchet 1.50 (38.18) 90° Penta Socket 2.50 (63.63) 9.25 (235.41) 1.00 (0.45) GP241P90 7 5 GP241PS58 Penta Socket 2.00 (50.90) 8.75 (222.69) 1.00 (0.45) 5/16" Rev. Allen Ratchet 5 0.63 (15.91) 6 **GP241S** 5/16" Rev. Allen Ratchet 5 1.50 (38.18) Eye Loop 9 1.00 (25.45) 7.75 (197.24) 0.75 (0.34) GP241S2 5/16" Rev. Allen Ratchet 5 1.00 (25.45) Eye Loop 9 1.00 (25.45) 9.00 (229.00) 0.75 (0.34) GP241S3GF 3/8" Rev. Allen Ratchet 5 1.00 (25.45) Eye Loop 9 1.00 (25.45) 9.00 (229.00) 0.75 (0.34) GP241S58 5/16" Rev. Allen Ratchet 5 0.63 (15.91) Eve Loop 9 1.00 (25.45) 7.75 (197.24) 0.75 (0.34) 5/16" Rev. Allen Ratchet 1.75 (44.54) 90<sup>•</sup> Penta Rev. Ratchet GP242P 2.75 (69.99) 9.00 (229.05) 1.00 (0.45) 5 8 3/8" Rev. Allen Ratchet 1.38 (35.12) GP242P1 90° Penta Rev. Ratchet 2.75 (69.99) 9.00 (229.05) 1.00 (0.45) 5 8 GP242P2 5/16" Rev. Allen Ratchet 5 2.00 (50.90) 90° Penta Rev. Ratchet 8 2.75 (69.99) 9.00 (229.05) 1.00 (0.45) GP243P 5/16" Rev. Allen Ratchet 1.00 (25.45) 90<sup>•</sup> Penta Socket 2.50 (63.63) 9.25 (235.41) 1.00 (0.45) 5 7

DG-2 \_\_\_\_\_ September 2009

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SECTION DG

#### "THE NUT RUNNER" —LINEMAN'S RATCHET WRENCH CAT. NO'S. GP3458 AND GP345812 FARGO DISTRIBUTION TOOLS

TOOLS	
GP3458	

"Nut Runner

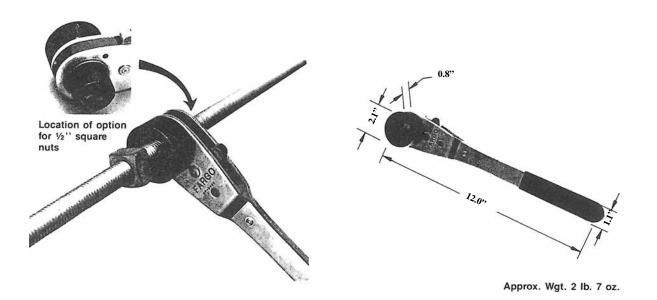
#### Features

- Unique bolt thru socket
- 2 in 1 combination square socket (GP3458)
- 3 in 1 combination square socket (GP345812)
- Reversible ratchet
- Heavy duty construction

#### Benefits

- Eliminate the need to use slower open-end wrenches.
- Fits nuts for both 5/8" & 3/4" machine bolts, and eliminates the need for multiple wrenches.
- Quick and easy to use. No more inconvenient re-positioning.
- Ensures a dependable and long field life.

The Fargo "Nut Runner" Lineman's Ratchet Wrench provides a safe and easier way to tighten down long machine bolts. Developed to install equipment mounting bolts on utility poles, this tool makes slower, non-mechanical openend wrenches antiquated.



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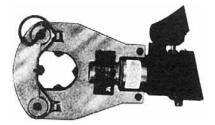
## **DISTRIBUTION CONNECTORS**



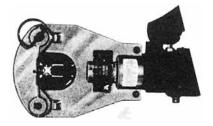
#### ANDERSON<sup>®</sup> VERSA-CRIMP<sup>®</sup> COMPRESSION SYSTEM

Anderson compression tools embody the only real innovation in compression tools, since 1961. Prior to the VERSA-CRIMP® tools all compression systems were die-type which required the matching of dies, connectors and conductors for suitable connections.

Instead of die-type "distance travel" systems, the VERSA-CRIMP pressure-response system utilizes four self-contained crimping nibs. These nibs advance from



the largest opening to



DG 4 the smallest opening,

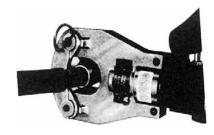
in a continuous action, until the combined pressure of conductor and connector mass interacts upon a pre-set hydraulic valve.

This difference in design principle, means only VERSA-CRIMP tools can handle the complete job of the entire tool range without changing compression die-sets.

The VERSA-CRIMP VC6FT tool, for example, performs in a very wide range of #10AL Str. through 750 MCM Al, with *no* change of die-sets or tool alterations.

#### **VERSA-CRIMP BENEFITS:**

- One tool covers an entire range; simplified tool programs.
- No dies or die sets required; less tooling cost.
- ANSI C119.4 highest strength crimps, for Versa-Crimp and standard lugs, splices and terminals.



from this large to



#### this small

All tools have heads which rotate  $360^{\circ}$  for ease of application in any position. The pump block and handles are neoprene covered to help protect tool from accidental "brush" contact with energized conductors covered crimp heads are also available.

Extensive research and testing have developed a full complement of accessories which assure you of a dependable compatible system to satisfy your requirements. Miniaturization and the use of light weight alloy materials wherever practical, facilitate the utmost in versatility. All tools are covered by a two- or three-year limited warranty and we maintain an experienced staff to provide maintenance and repair with minimum inconvenience. Warranty details and maintenance requirements are supplied with each tool.

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#### COMPRESSION CONNECTORS ANDERSON<sup>®</sup> VERSA-CRIMP<sup>®</sup> RANGE-TAKING SYSTEM

Along with a full line of range taking tools, Anderson manufactures a comprehensive line of range taking and extended range compression connectors for both utility distribution systems and construction/industrial requirements. All of these connectors

are rigidly tested to meet the respective requirements of NEMA and Underwriter's Laboratory, as well as ANSI C119.4 standards. Our exhaustive testing assures you a reliable product, and the best quality.

The unique action of VERSA-CRIMP<sup>®</sup> compression tools, and our range-taking system design of connectors, makes possible the application of a variety of conductor sizes within one common connector. VERSA-CRIMP is the only compression system which can provide comparable range-taking conveniences in compression connections previously limited to only mechanical set-screw lugs or bolted connections.



This VCSE44 aluminum sleeve typifies the VERSA-CRIMP system's range-taking capabilities. It has a conductor range of #10 solid (crimped on right) through 1/0 STR. AAC, ACSR or Cu. (at left).

Not only do we manufacture connectors for our unique VERSA-CRIMP tool, but we also manufacture connectors for conventional die type tooling as well. Our unique range-taking system offers versatility unmatched in the industry. This versatile system offers users flexibility in application and inventory, which translates into real-world benefits..

VERSAtile<sup>TM</sup> compression connectors have also been tested and are in compliance with NEMA or U.L. and ANSI C119.4 standards for compression connections when used with most Anderson, Blackburn, Burndy, Kearney and Thomas & Betts die or indent type tools (of course VERSA-CRIMP tools also) as listed.

Our continuous research and development assure you of a system as modern and flexible tomorrow as it is today.

HUBBELL<sup>®</sup> Power Systems

FARGO

## DISTRIBUTION CONNECTORS

### ANDERSON<sup>®</sup> VERSA-CRIMP<sup>®</sup> BATTERY POWERED ACSR CUTTING TOOL







#### Available Accessories:

VCBPSM	Smart Monitor Battery
VCDCC	DC Charger
VCBP	Standard Battery

Model VCACSRCCBP is used to cut ACSR, aluminum, and copper conductors up to 1.50". Cuts standard guy wire and ground rod sizes up to 5/8".

This power cutter is ideal for aerial bucket and trench work and is made for one-handed operations. Simply remove the pin latch, place cable into jaw, reinsert the pin and press the trigger to cut. A built in by-pass will pop off if the material is beyond cutter's capacity.

It is not recommended to cut hardened steel, EHS guy wire, or wire rope which can damage the blades.

• Weight: 14 pounds • Size: 17" x 12" x 3"

#### Includes:

- High impact plastic carrying and shipping case
- Service manual
- 2 Batteries (Smart Monitor; Standard available
- AC charger 20 minute recharge
- Shoulder strap

#### Cutting Specifications:

- ACSR, aluminum, and copper conductor up to 1.50"
- Soft steel bolts-5/8"
- Standard guy wire-5/8"
- Ground rod up to 5/8"

#### **VERSA-CRIMP<sup>®</sup> HYDRAULIC COMPRESSION TOOL BATTERY OPERATED TYPE VC6350BP**

- Crimps wide range of connectors (10,000 psi system)
- Light in weight-only 9.5 lb
- Rechargeable 14.4 V Battery.
- Front opening VERSA-CRIMP compression tool allows direct access of the tool to the connector.
- Crimps "H" frame tap connectors using "O" and "D" nib/nests, up to 250 MCM
- 180° head rotation
- Single hand operation
- Patented head design

Includes:

- High impact plastic carrying and shipping case.
- Service manual.
- 2 Smart Monitor batteries
- AC charger 20 minute recharge.
- Shoulder strap
- 3-year warranty (1-year on batteries)
- "O" and "D" nib/nest

#### Available Accessories:

VCBPSM	Smart Monitor Battery
VCDCC	DC Charger
VCBP	Standard Battery

TOOL VC6350BP AL/CU DG

> Type VC6350BP Conductor Range

#8-350 MCM A1 #8 - 266.8 ACSR #4-4/0 ACSR (Full Tension) -"O" Die 3/0 & 4/0 #8 300 MCM Cu. Approx. Wt. Each – 9.5 lbs. (4.3 kg)

September 2009

DG-6 \_

**ANDERSON**<sup>™</sup>



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SECTION DG

тооL VC6500BP

AL/CU

#### ANDERSON<sup>®</sup> VERSA-CRIMP<sup>®</sup> HYDRAULIC COMPRESSION TOOL BATTERY OPERATED TYPE VC6500BP

- "Snub-nose" design for tight spaces, or panels.
- Lighter in weight-only 9.4 lbs.
- Rechargeable 14.4 V Battery.
- Front opening VERSA-CRIMP compression tool allows direct access of the tool to the connector.
- 180° head rotation.
- Single hand operation.

#### Includes:

- High impact plastic carrying and shipping case.
- Service manual.
- 2 "Smart Monitor" batteries; standard available
- AC charger 20 minute recharge.
- Shoulder Strap.
- 3-Year warranty (1-year on batteries)

#### Available Accessories:

VCBPSM	Smart Monitor Battery
VCDCC	DC Charger
VCBP	Standard Battery



Type VC6500BP

Conductor Range- #8 Str.-500 MCM Bare Al #8 Sol.-500 MCM Bare Cu Approx. Wt. Each- 9.4 lbs. (4.3kg.) (10,000 psi operating pressure)

#### VERSA-CRIMP<sup>®</sup> POWER CUTTER BATTERY OPERATED TYPE VCCCBP

- Rechargeable 14.4V Battery.
- The flip-top cutter blade provides clear and easy positioning on cable.
- Heavy duty cable cutter for non-ferrous cables up to two inches O.D. Aluminum and 1000 MCM Bare Copper.
- Cuts heavy URD Copper and Aluminum cables in limited space; VCCCBP does not cut steel or ACSR cable.
- Gear reduction motor

#### Includes:

- Battery.
- AC Charger 20 minute recharge.
- Carrying Case.
- 3-Year warranty (1 year on batteries).



TOOL

Type VCCCBP

Conductor Range-up to 2" O.D. Aluminum 1000 MCM Bare Copper Approx. Wt. Each-6 lbs. (2.7 kg)

Available Accessories:

VCBPSM	Smart Monitor Battery
VCDCC	DC Charger
VCBP	Standard Battery

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## **DISTRIBUTION CONNECTORS**



#### ANDERSON<sup>®</sup> VERSA-CRIMP<sup>®</sup> HYDRAULIC COMPRESSION TOOL BATTERY OPERATED TYPE VC63BP

TOOL
VC63BP
AL/CU

- Rechargeable 14.4 V Battery.
- The original notched-top VERSA-CRIMP compression tool allows direct access of the tool to the connector.
- 360° head rotation.
- Single hand operation.

#### Includes:

- · High impact plastic carrying and shipping case
- Service manual
- 2 "Smart Monitor" batteries; standard available
- AC charger 15 minute recharge
- Shoulder Strap
- 3-Year warranty (1-year on batteries)
- NOTE: Add suffix "D" to catalog number for neoprenecovered head.

Available Accessories:

VCBPSM	Smart Monitor Battery
VCDCC	DC Charger
VCBP	Standard Battery



Conductor Range- #10 Str.-500 MCM Bare Al #10 Str.-500 MCM Bare Cu Approx. Wt. Each- 11.5 lbs. (5.2kg.) (10,000 psi operating system)

#### VERSA-CRIMP<sup>®</sup> HYDRAULIC COMPRESSION TOOL BATTERY OPERATED TYPE VC6FTBP

- Rechargeable 14.4 V Battery.
- The flip-top latch provides clear and easy removal from larger connectors and in limited space.
- 360° head rotation.
- Single hand operation.

#### DG Includes:

8

- High impact plastic carrying and shipping case.
- Service manual
- 2 "Smart Monitor" batteries; standard available
- AC charger 15 minute recharge
- Shoulder Strap
- 3-Year warranty (1-year on batteries)

#### Available Accessories:

VCBPSM	Smart Monitor Battery
VCDCC	DC Charger
VCBP	Standard Battery



Type VC6FTBP

Conductor Range- #10 Str.-750 MCM Al/Cu Approx. Wt. Each- 12 lbs. (5.44kg.) (10,000 psi operating system)

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TOOL VC6FTBP AL/CU



SECTION DG

TOOL

AL/CU

#### ANDERSON<sup>®</sup>VERSA-CRIMP<sup>®</sup> HYDRAULIC COMPRESSION TOOL BATTERY OPERATED TYPE VC8CBP & VC8UBP

- Rechargeable 14.4 V Battery
- The flip-top latch provides clear and easy removal from larger connectors and in limited space.
- 360° head rotation.

#### Includes:

- High impact plastic carrying and shipping case.
- Service manual
- 2 "Smart Monitor" batteries; standard available
- AC charger 15 minute recharge
- Shoulder Strap
- 3-Year warranty (1-year on batteries)

#### Available Accessories:

VCBPSM	
VCDCC	DC Charger
VCBP	Standard Battery



Type VC8C

Conductor Range - 250-1000 MCM Al 500-1500MCM Cu 250 Str.-1033.5 AAC (Full Tension)

TOOL	
VC8UBP	
AL/CU/ACSR	



#### Type VC8U

Conductor Range - 3/0 Str. - 1033.5 MCM Al 3/0 Str. - 954 (54/7) ACSR 500 Str. - 1500 MCM Cu 266.8 26/7-1113 45/7 ACSR (Full Tension)

- Rechargeable 14.4 V Battery
- The flip-top latch provides clear and easy removal from larger connectors and in limited space.
- 360° head rotation.

#### Includes:

- High impact plastic carrying and shipping case.
- Service manual
- 2 "Smart Monitor" batteries; standard available
- AC charger 15 minute recharge
- Shoulder Strap
- 3-Year warranty (1-year on batteries)

#### Available Accessories:

VCBPSM	Smart Monitor Battery
VCDCC	DC Charger
VCBP	Standard Battery

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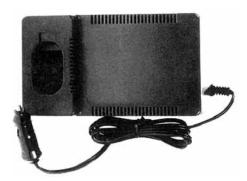
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#### ANDERSON<sup>®</sup> VERSA-CRIMP<sup>®</sup> BATTERY CHARGER 12V DC TYPE VCDCC





• Charges VCBPSM in approximately 90 minutes.

• Plugs into standard 12V cigarette lighter/outlet.

Output4.4V DC 1.5 AmpsInput12V DCCharging time20 minutesDimensions19OL x 89H x 95W mm7.5L x 3.5W x 3.75H inWeight2.2 lbs. (1kg.)

#### ANDERSON<sup>®</sup> VERSA-CRIMP<sup>®</sup> BATTERY CARTRIDGE 14.4V DC "SIGNAL" BATTERY TYPE VCBPSM and VCBP

ACCESSORIES



NOTE: Standard battery VCBP also available (no LED monitor).

- 1 Year warranty.
- LED display indicates % power remaining.
- LED display also indicates number of recharges and percent of charge.
- Battery life approx. 1000 recharges

Type of Battery	Ni CD enclosed cylinder type
Output	14.4 V DC
Capacity	1.2 AH
Charging time	20 minutes +
Dimensions	90L x 70W x 135 H mm
	3.5L x 2.75W x 5.3H in
Weight	1.6 lbs. (.73 kg.)

**ANDERSON**<sup>™</sup>





**SECTION DG** 

#### VERSA-CRIMP<sup>®</sup> BATTERY CHARGER 120V AC TYPE VCACCQ

ACCESSORIES

- Charges VCBP and VCBPSM in 20+ minutes.
- Plugs into standard 120V AC outlet.

Output	
Input	
Charging time	1
Dimensions	
	,

Weight

14.4V DC 1.5 Amps 120V AC Single Phase 50/60 20 minutes / 3 hours 190L x 89H x 95W mm 7.5L x 3.5H x 3.75W in 4 lbs. (1.8 kg.)



#### VERSA-CRIMP<sup>®</sup> RATCHET CUTTER HAND OPERATED TYPE VCCC

ACCESSORIES	
VCCC	

- Light weight.
- Single hand operation.
- Easy grip handle for extra leverage.
- Cutting blade can be released in any position.
- Rust resistant black oxide finish.
- Orange plastic-jacketed handles.



Conductor Range-up to 1.25" O.D. AL/500 MCM Copper Approx. Wt. Each-1.3 lbs. (0.6 kg.)

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DG 11

## DISTRIBUTION CONNECTORS



#### ANDERSON® VERSA-CRIMP® HYDRAULIC COMPRESSION TOOL HAND OPERATED **TYPE VC6350**

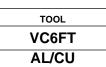


TOOL VC6350SN AL/CU



**TYPE VC6350SN Conductor Range** #8-350 MCM Al #8-266.8 ACSR #4-2/0 ACSR (Full Tension) #8-300 MCM Cu

Approx. Wt. Each—10.0 lbs. (4.5 kg.) DG





**TYPE VC6FT** Conductor Range—#10 Str.—750 MCM Al/Cu

Approx. Wt. Each—12.75 lbs. (5.78 kg.)

- Crimps wide range of connectors.
- Crimps "H" frame tap connectors using "O" and "D" nib/nests.
- Rapid advance handle.
- Neoprene covered handles.
- 360° head rotation.
- Internal Pressure Relief Valve, 10,400 psi operating system.

NOTE: Add suffix "D" to catalog number for neoprenecovered head.

Includes:

- High impact plastic carrying and shipping case.
- Nib with patented connector centering device.
- "0" and "D" nib/nest.
- Service manual.
- 2-Year Warranty.

Notes: 1) Type VCHTG, Direct Reading Pressure Gauge is used for checking operating pressure.

#### VERSA-CRIMP<sup>®</sup> HYDRAULIC COMPRESSION TOOL HAND OPERATED **TYPE VC6350SN**

- · Crimps wide range of connectors.
- Rapid advance handle.
- Neoprene covered handles.
- 360° head rotation.
- Internal Pressure Relief Valve, 10,400 psi operating system.
- NOTE: Add suffix "D" to catalog number for neoprenecovered head.

- High impact plastic carrying and shipping case.
- Nib with patented connector centering device.
- Service manual.
- 2-Year Warranty.
- Notes: 1) Type VCHTG, Direct Reading Pressure Gauge is used for checking operating pressure.
- VERSA-CRIMP<sup>®</sup> HYDRAULIC COMPRESSION TOOL HAND OPERATED TYPE VC6FT
  - Flip-top latch provides clear and easy removal from larger connectors and in limited spaces.
  - 360° head rotation.
  - 10,400 psi operating system.

Includes:

- High impact plastic carrying and shipping case.
- Service manual.
- 2-Year Warranty.
- Note: 1) Type VCHTG, Direct Reading Pressure Gauge is used for checking operating pressure. (attaches to pressure port on tool)

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12



Includes:



## ANDERSON<sup>®</sup> VERSA-CRIMP<sup>®</sup> HYDRAULIC COMPRESSION TOOL — HAND OPERATED



TYPE VC63 Conductor Range—#10 Str.—500 MCM Bare Al #10 Str.—500 MCM Bare Cu

Approx. Wt. Each—10.5 lbs. (4.7 kg.)

- Original notched-top VERSA-CRIMP compression tool allows direct access of the tool to the connector (10,400 psi operating system).
- Readily adaptable for energized line use.
- 360° head rotation.
- Includes:
- High impact plastic carrying and shipping case.
- Service manual.
- 2-Year warranty.
- Notes: 1) Add suffix "D" to catalog number for neoprene covered head.
  - 2) Type VCHTG, Direct Reading Pressure Gauge, is used for checking operating pressure.

VERSA-CRIMP <sup>®</sup> HYDRAULIC COMPRESSION TOOL — HAND OPERATED
TYPE VC7 — Copper Only



.TYPE VC7 Conductor Range—#10 Str.—500 MCM Bare Cu

Approx. Wt. Each-10.5 lbs. (4.7 kg.)

- Original notched-top VERSA-CRIMP compression tool allows direct access of the tool to the connector.
- For compressing multi-strand/rope lay copper cable in mining, marine and industrial applications (10,400 psi operating system).
- Copper label denotes copper connectors use only.
- 360° head rotation.

#### Includes:

- High impact plastic carrying and shipping case.
- Service manual.
- 2-Year warranty.
- **Notes:** 1) Due to high point pressure developed by this tool, it is not to be used on aluminum connector or cable.
  - 2) Add suffix "D" to catalog number for neoprene covered head.
  - 3) Type VCHTG, Direct Reading Pressure Gauge, is used for checking operating pressure





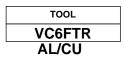
TYPE VC7FT Conductor Range—#10 Str.—750 MCM Cu

Approx. Wt. Each-12.75 lbs. (5.78 kg.)

- Flip-top latch provides clear and easy removal from larger connectors and in limited spaces
- For compressing multi-strand/rope lay copper cable in mining, marine and industrial applications (10,400 psi operating system)
- Copper label denotes copper connectors use only
- 360° head rotation
- Includes:
- High impact plastic carrying and shipping case
- Service manua
- 2-Year warranty
- **Notes:** 1) Due to high point pressure developed by this tool, it is not to be used on aluminum connector or cable.
  - 2) Type VCHTG, Direct Reading Pressure Gauge, is used for checking operating pressure.



## VERSA-CRIMP<sup>®</sup> HYDRAULIC COMPRESSION TOOL REMOTE-POWER OPERATED **TYPE VC6FTR**





**TYPE VC6FTR** Conductor Range-#10 Str.-750 MCM Al/Cu

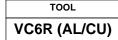
Approx. Wt. Each-6 lbs. (2.7 kg.)

- 750 MCM Al/Cu Max. Range
- Flip-top latch provides clear and easy removal from larger connectors and in limited spaces.

Includes:

- 3/8" male quick coupler
- Service manual
- · High impact plastic carrying and shipping case
- 2 year warranty
- Note: Operates from hydraulic pump delivering 10,400 psi or hydraulic intensifier (see DG-18)

#### ANDERSON<sup>®</sup> VERSA-CRIMP<sup>®</sup> HYDRAULIC COMPRESSION TOOL **REMOTE-POWER OPERATED** TYPE VC6R



• The original notched-top VERSA-CRIMP compression tool allows direct access of the tool to the connector.

1) Add suffix "D" to catalog number for

2) Operates from hydraulic pump or intensifier

- Readily adaptable for energized line use.
- 500 MCM Ål/Cu max.

Includes:

Notes:

- 3/8" male quick coupler
- Service manual
- High impact plastic carrying and shipping case

neoprene covered head.

delivering 10,400 PSI.

- 2 year warranty
- TYPE VC6R Conductor Range-#10 Str.-500 MCM Bare Al #10 Str.-500 MCM Bare Cu



Approx. Wt. Each—5.5 lbs. (2.5 kg.)



Conductor Range—#10 Str.—500 MCM Bare Cu

Approx. Wt. Each—5.5 lbs. (2.5 kg.)

#### VERSA-CRIMP<sup>™</sup> HYDRAULIC COMPRESSION TOOL **REMOTE-POWER OPERATED** TYPE VC7R

- The original notched-top VERSA-CRIMP compression tool allows direct access of the tool to the connector, 500 MCM Max. Cu.
- · For compressing multi-strand/rope lay copper cable in mining, marine and industrial applications.
- Copper color label denotes use with copper connectors, only.

Includes:

- 3/8" male quick coupler
- Service manual
- High impact plastic carrying and shipping case.
- 2 year warranty
- Notes: 1) Due to high jaw pressure developed by this tool, it is not to be used on aluminum connector or cable.
  - 2) Operates from hydraulic pump or intensifier delivering 10,400 PSI
- NOTE: Add suffix "D" to catalog number for neoprenecovered head.

September 2009

DG-14 -

**ANDERSON<sup>™</sup>** 



DG 14

SECTION DG



#### ANDERSON<sup>®</sup> VERSA-CRIMP<sup>®</sup> HYDRAULIC COMPRESSION TOOL **REMOTE-POWER OPERATED TYPE VC7FTR**

- The flip-top latch provides clear and easy removal from larger connectors and in limited spaces.
- · For compressing multi-strand/rope lay copper cable in mining, marine and industrial applications.
- Copper color label denotes use with copper connectors, only.

Includes:

- 3/8" male quick coupler
- Service manual
- High impact plastic carrying and shipping case
- 2 year warranty
- Notes: 1) Due to high point pressure developed by this tool, it is not to be used on aluminum connector or cable.
  - Operates from hydraulic pump delivering 2) 10,400 psi, or Intensifier (DG-18).



**TYPE VC7FTR** Conductor Range— #10 Str.—750 MCM Cu

Approx. Wt. Each—6 lbs. (2.7 kg.)

**VERSA-CRIMP<sup>®</sup> HYDRAULIC COMPRESSION TOOL REMOTE-POWER OPERATED TYPE VC8C KIT** (CONTRACTOR / INDUSTRIAL)

- The flip-top latch provides clear and easy removal from connectors.
- Hanger bail assists in carrying and positioning during use.

#### Includes:

- Metal carrying case
- In-line pressure gauge for check of operating pressure
- 3/8" male quick coupler
- Hex wrench with 4 universal crimping nibs marked "Al"
- Service Manual
- 2 year warranty
- 1) Not for crimping two piece multi-core ACSR Notes: connectors - See VC8U tool.
  - 2) Operates from hydraulic pump delivering 10,400 psi, or Intensifier (DG-18).



TOOL

VC8C

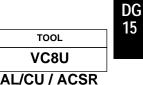
AL/CU

TOOL

VC8U

**TYPE VC8C** Conductor Range- 250-1000 MCM Al 500-1500 MCM Cu 250 Str.-1033.5 AAC (Full Tension)

Approx. Tool Wt.—19.75 lbs. (9.0 kg.)



VERSA-CRIMP<sup>®</sup> HYDRAULIC COMPRESSION TOOL **REMOTE-POWER OPERATED TYPE VC8U KIT** (UTILITY)

Same as Type VC8C above, except:

- 4 additional crimping nibs marked "ST" for use on all steel inner sleeves as supplied with multicore full tension ACSR sleeves and dead-ends
- Service manual
- 2 year warranty
- Note: 1) With "ST: nibs installed, tool is for crimping two piece multi-core ACSR connectors.
  - Operates from hydraulic pump delivering 2) 10,400 psi or Intensifier (DG-18).

**TYPE VC8U** Conductor Range— 3/0 Str.—1033.5 MCM Al 3/0 Str.—954 (54/7) ACSR 500 Str.—1500 MCM Cu 266.8 26/7-1113 45/7 ACSR (Full Tension)

Approx. Tool Wt.-19.75 (9.0 kg.)



September 2009

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ELECTRIC POWER SOURCE

PW115230VHD

Type PW115230VHD Approx. Wt. Each—80 lb. (36 kg.)





## VERSA-CRIMP<sup>®</sup> HYDRAULIC POWER SOURCES ELECTRIC POWERED **TYPE PW115230VHD**

- Designed to operate all remote VERSA-CRIMP compression tools.
- For continuous heavy-duty use.
- 115/230 volt AC 1-1/2 HP electric motor driven pump. (1 HP in -GP Model)
- Contains relief valve set at 10,400 PSI.
- Factory wired for 115 volt operation.

may differ from graphic. Includes:

**NOTE:** Actual product

- Steel carrying case
- Control switch (115V) with 10 ft. electrical cord.
- 3/8" male quick coupler
- 6 ft. electrical cord
- Service manual
- Also available: PW115V contractor model
- HYDRAULIC POWER SOURCE **ELECTRIC POWERED** ELECTRIC POWER SOURCE **TYPE PW 115V PW115V** • Designed to operate all remote VERSA-CRIMP compression tools. • For general purpose use. • 115 volt AC 5/8 HP electric motor driven pump (pump requires 11 amps.) • Contains relief valve set at 10,400 PSI. **TYPE PW115V** Includes: Approx. Wt. Each-36 lbs. • Steel carrying case (16.3 kg.) • Control switch with 6 ft. electrical cord • 3/8" male quick coupler Service manual **GASOLINE POWERED TYPE PW10GM04** GAS POWER SOURCE PW10GM04 **TYPE PW 115V** • Designed to operate all remote VERSA-CRIMP compression tools. • 4 HP 4 cycle gasoline powered pump. • Contains relief valve set at 10,400 PSI. • 3-way manual control. Type PW10GM04 Includes: Approx. Wt. Each-154 lb. • Steel carrying case (70 kg.) • 3/8" male quick coupler Service manual

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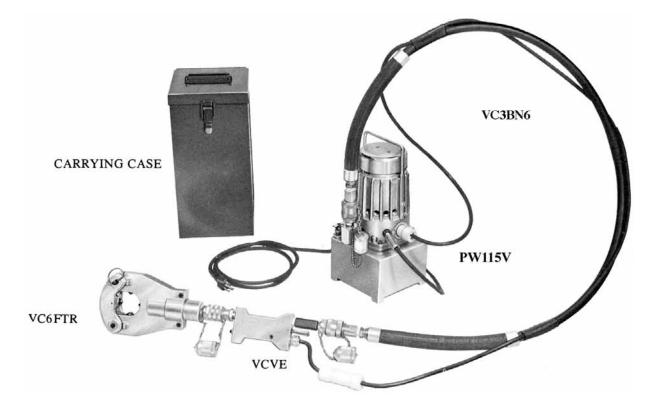




#### SECTION DG

## TYPICAL HYDRAULIC ASSEMBLY

VERSA-CRIMP	
ASSEMBLY	



SECTION DG

VCF

#### ACCESSORIES FIBERGLASS EXTENSION HANDLE **TYPE VCF**



# ACCESSORIES

- For hand operated compression tools.
- Tested at 100,000 volts per foot for five minutes.
- For energized line operation.
- Can be field installed by interchanging handles on standard VERSA-CRIMP compression tools in a few minutes. Factory installation is available.

CATALOG*	INSULATION LENGTH	FITS TOOL TYPE	APPROX. WT. EACH
NUMBER	INCHES (CM)		LBS. (KG)
VCF15C VCF30C VCF48C	<b>15</b> (38.1) <b>30</b> (76.20) <b>48</b> (121.9)	VC6350 VC63 VC6FT VC6FTV	<b>1.3</b> (.58)

\* NOTICE: When ordering these handles, tool serial number MUST be included to insure handles will fit to tool. Tools prior to July, 1978 have fine threads. Tools after July, 1978 have coarse threads. VCF handles are not universal and will not interchange on all VERSA-CRIMP tools.

#### ACCESSORIES NYLON BAG TYPE VCB



DG 18



- Heavy duty, double stitched
- Hanger ring, carrying handle and shoulder handle
- Hidden pocket for tool manual

CATALOG* NUMBER	FOR USE WITH	APPROX. WT. EACH LBS. (KG)
VCB15	VCB15 All standard size hand-operated or hand-operated tools with 15-inch fiberglass handles	
VCB30	All hand-operated tools with 30-inch fiberglass handles	<b>1.5</b> (.68)
VCB48	All hand-operated tools with 48-inch fiberglass handles	<b>2.0</b> (.9)

ACCESSORIES	
VHTC	
/m	-

#### ACCESSORIES — PLASTIC CASE **TYPE VHTC**

- For all current production VERSA-CRIMP hand operated tools
- High impact carrying and shipping case
- This case does not carry extension handles or tools with Note: long handles. See page DG-20 Bags, "VCB".

**TYPE VHTC** 

Approx. Wt. Each-2 lbs. (.9 kg.)

DG-18 September 2009

**ANDERSON**<sup>™</sup>





#### **SECTION DG**

#### ACCESSORIES HYDRAULIC HOSE ASSEMBLY TYPE VC3BN (FEMALE COUPLERS)

ACCESSORIES VC3BN HIGH PRESSURE Female

- Orange non-conductive hose for energized line operation.
- 10,400 PSI operating pressure.
- Burst strength is over 3 1/2 times operating pressure.
- Reinforced safety guards covering both ends.
- 3/8" Female coupler on each end.



CATALOG NUMBER	LENGTH—FT. (METERS)	APPROX. WT. EACH LBS. (KG.)
VC3BN6	6 (1.8)	<b>2.8</b> (1.3)
VC3BN10	<b>10</b> (3)	<b>3.3</b> (1.5)
VC3BN15	<b>15</b> (4.5)	<b>5</b> (2.3)

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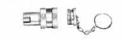


VCFF



#### VCMM





VCHFF

ACCESSORIES

VCVE

DG

20

## **DISTRIBUTION CONNECTORS**



#### ACCESSORIES HYDRAULIC QUICK COUPLER TYPE VC

• Quick coupler adapter assemblies and half section for splicing hydraulic hoses and unmatched tool/ hose combinations.

CATALOG NUMBER	DESCRIPTION	APPROX. WT. EACH LBS. (KG.)
VCFF	Female Receptacle on Both Ends 3/8"	<b>1.2</b> (.54)
VCHFM	Female Half Only with Male Threads 3/8"	<b>1.2</b> (.54)
VCMM	Male Tips on Both Ends 3/8"	<b>.8</b> (.36)
VCHM	Male Tip Only Has Female Threads 3/8"	<b>.8</b> (.36)
VCHFF	Female Half Only with Female Threads 3/8"	<b>1.2</b> (.54)

ACCESSORIES CONTROL HANDLE TYPE VCVE (ELECTRICALLY ACTIVATED)



# • Remote electric control for operating 10,400 psi VERSA-CRIMP power sources except VHB, VCHP, and VCFP.

- Includes patented holding feature.
- Pressure release lever
- Not for energized line operation.
- Must be used with the approved hydraulic hose, only.
- Can be ordered with hydraulic hose permanently attached to handle or without hose (contact factory).
- 3/8" male coupler on one end, 3/8" female coupler on opposite end.

CATALOG NUMBER	HOSE LENGTH—FT. (METERS)	APPROX. WT. EACH LBS. (KG.)
VCVE	None Supplied	<b>2.8</b> (1.3)
VCVE6	<b>6</b> (1.8)	<b>7.8</b> (3.5)
VCVE10	10 (3)	<b>10.5</b> (4.7)
VCVE15	<b>15</b> (4.5)	<b>14.8</b> (6.8)



ACCESSORIES

VCLPG

## DISTRIBUTION ACCESSORIES

SECTION DG

#### IN-LINE READING PRESSURE GAUGE FOR VC REMOTE TOOLS TYPE VCLPG



- In-line pressure gauge for checking operating pressure on all remote power operated VERSA-CRIMP tools.
- Supplied as standard equipment with the VC8 tool.

Includes:

- 3/8" quick coupler; male on one end, female on other end
- Plastic carrying case
- Shatter-proof plastic face plate

ACCESSORIES VCHTG



#### DIRECT READING PRESSURE GAUGE TYPE VCHTG FOR VC HAND TOOLS

- For use in checking and setting correct operating pressure of all VERSA-CRIMP hand tools.
- Not for use with remote power operated tools (refer to Type VCLPG).
- Can be used while crimping connectors.
- Installation of gauge does not affect hydraulic integrity of tool.
- Large, easy to read dial with tool pressure ranges indicated in green on dial face.
- High impacplastic carrying and shipping case.
- Weight 1.56 lbs/.71 kg.

Note: Complete instructions included



#### ACCESSORIES HYDRAULIC OIL TYPE VCO

- For use in the hydraulic systems of all VERSA-CRIMP hand operated tools and power sources.
- Notes: 1) Type VCO—For Operating Temperatures from  $20^{\circ}F$  (-8°C) to  $200^{\circ}F$  (92°C)
  - 2) Type VCO is normally supplied in all VERSA-CRIMP hand operated tools and power sources.

CATALOG NUMBER	CONTAINER SIZE	APPROX. WT. EACH LBS. (KG.)
VC01Q	1 Quart	<b>2.3</b> (1.1)

NOTE: Low Temperature -30°F—40°F Hydraulic oil may be made by mixing VCO oil and kerosene at a 50/50 ratio. (Previously VLTO Oil)



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DG-21