



CPS Hydraulic Universal Hose Crimping Tool Kit

Part Number: TLHHCK



OWNER'S MANUAL (English)

For more information or updates, visit www.cpsproducts.com

FOR USE BY QUALIFIED PERSONNEL ONLY

OVERVIEW

The **CPS Hydraulic Universal Hose Crimping Tool Kit (TLHHCK)** is a portable hand-held hydraulic press for shop and field use. The kit comes in a custom molded case with a complete set of dies covering hose sizes #6, #8, #10, #12 and reduced barrier #6, #8, #10 and #12.

KEY FEATURES

- Compatible with hose sizes #6, #8, #10, #12 and reduced barrier #6, #8, #10 and #12
- Hose cutting tool included
- Compact, professional
- Strong molded plastic carrying case

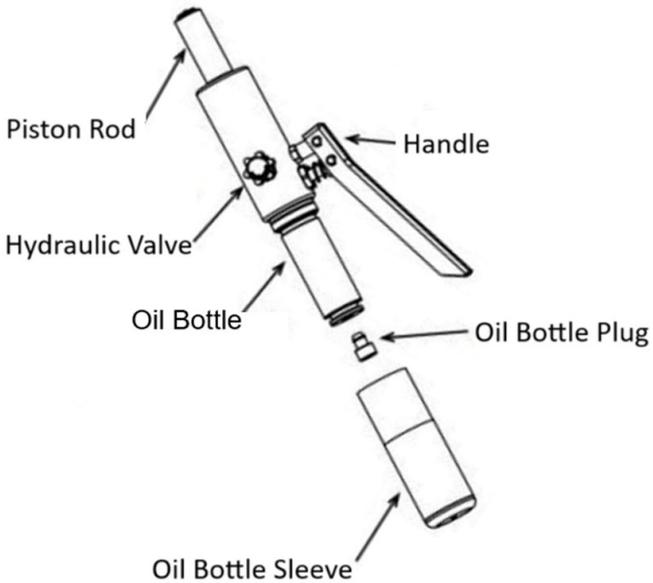
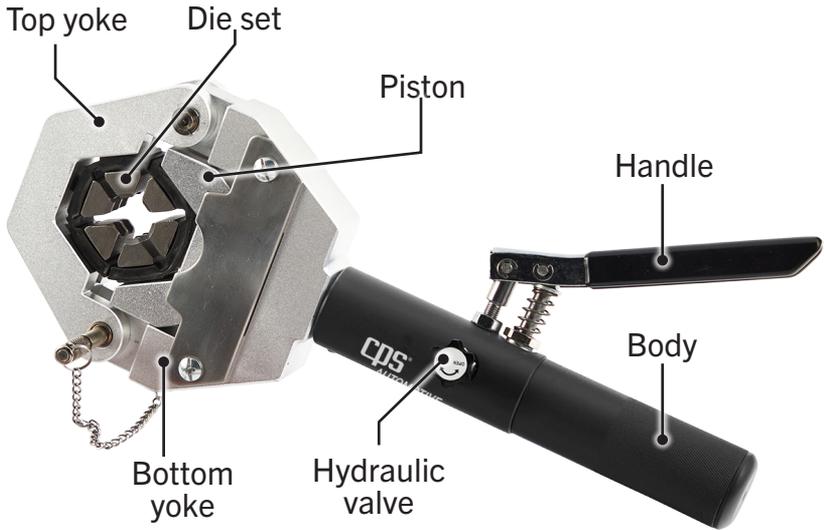
KIT INCLUDES

- Hydraulic crimp pump
- Hydraulic crimp yoke
- Pipe cutter
- Seven die sets including: 6SRB, 6-8SRB, 8, 10SRB, 10, 12SRB, and 12

GENERAL SAFETY INSTRUCTIONS

- Always use personal safety equipment (safety glasses, gloves etc.)
- Keep parts dry and lubricate mechanism as needed
- Do not disassemble this tool or modify it in any way
- Do not use tool(s) if damaged
- Do not place hands near any pinch points on the tool
- For use by qualified personnel only

LAYOUT



SPECIFICATIONS



SPECIFICATIONS (continued)

Die Set	Hose specification (Nominal Size)		Hose inner diameter (mm)	Hose outer diameter (mm)	Hose fitting outer diameter (mm)		Comment
					Aluminum joint	Steel joint	
6SRB	5/16"	DN8	Ø8 ± 0.4	Ø14.5 ~ 16.5	Ø19.5	Ø17.5	DN8 Thin-wall hose
6-8SRB	5/16"	DN8	Ø8 ± 0.4	Ø18.5 ~ 20.5	Ø23.5	Ø21.5	DN8 Thin-wall hose
	13/32", 3/8"	DN10	Ø10 ~ 11.5	Ø16.5 ~ 20.5	Ø23.5	Ø21.5	DN10 Thin-wall hose
8	13/32", 3/8"	DN10	Ø10 ~ 10.5	Ø22 ~ 23.5	Ø26.5	Ø24.6	DN10 Thin-wall hose
10SRB	1/2"	DN13	Ø12.4 ~ 13.5	Ø19.5 ~ 22	Ø25	—	DN13 Thin-wall hose
10	1/2"	DN13	Ø12.4 ~ 13.5	Ø23 ~ 25.5	Ø27.7	Ø25.5	DN13 Thin-wall hose
12SRB	5/8"	DN16	Ø14.8 ~ 16	Ø22.5 ~ 25	Ø27.8	—	DN16 Thin-wall hose
12	5/8"	DN16	Ø15 ~ 16.5	Ø28 ~ 29.5	Ø32.5	—	DN16 Thin-wall hose

Standard Barrier Hose Thickness

ID	5/16"	8mm	ID	13/32"	10mm	ID	1/2"	13mm	ID	5/8"	16mm
OD	3/4"	19mm	OD	29/32"	23mm	OD	1"	25mm	OD	1-1/8"	28mm

Reduced Barrier Hose Thickness

ID	5/16"	8mm	ID	13/32"	10mm	ID	1/2"	13mm	ID	5/8"	16mm
OD	19/32"	15mm	OD	21/32"	17mm	OD	3/4"	19mm	OD	15/16"	24mm

SPECIFICATIONS

Packaging size.....	18.11 x 5.12 x 13.78 inches
Gross weight.....	13.89 lbs
Piston force.....	17,985 lbf.
Maximum travel of piston	0.551 inches
Ambient temperature	14°F to 140°F
Arm strength	≤ 165 lbs.
Crimping time.....	10 seconds

INSTRUCTIONS

1. Open the hydraulic valve by turning the knob to the open position and drop the piston down.
2. Remove the pin to open the Yoke.
3. Select the desired Die Set.
4. Insert the Die Set into the bottom and top of the Yoke.
5. Place the hose fitting onto the hose and position them into the crimper so that the hose fitting is snug against the die.
6. Close the Yoke and insert the pin to secure the Yoke.
7. Close the hydraulic valve by turning the knob to the close position.
8. Pump the handle until the piston comes to a stop.
9. When the crimping process is complete, open the hydraulic valve by turning the knob to the open position.
10. Remove the pin and open the Yoke.

WARRANTY

CPS Products, Inc. guarantees that all products are free of manufacturing and material defects to the original owner for one year from the date of purchase. If the equipment should fail during the guarantee period, it will be repaired or replaced (at our option) at no charge. This guarantee does not apply to equipment that has been altered, misused or solely in need of field service maintenance.



WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

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