



# CT-720 Compression Connector Installation Tool Maintenance & Inspection Sheet

Maintenance and Inspection procedures should be performed at least once a month, whenever damage has occurred, or as often as operating conditions warrant.

## VISUAL INSPECTION

1. Visually inspect tool for missing or loose pins and connecting hardware.
2. Visually inspect the installing dies for worn, chipped or cracked surfaces. Damaged dies are objectionable and may go undetected when gauging the die closure (see reverse side).
3. If parts are missing or damaged, contact your local Panduit Sales Office for information on repair or replacement of tools.

## TOOL ADJUSTMENT

1. Insert die into recess and firmly tighten die retention screw.
2. Lay tool on flat surface and close handles until jaw just contacts die. Measure distance between grips as shown in Figure 1. This distance should measure between 10" and 13".
3. If distance is less than 10", turn adjustment screw clockwise; if more than 13", turn screw counterclockwise.

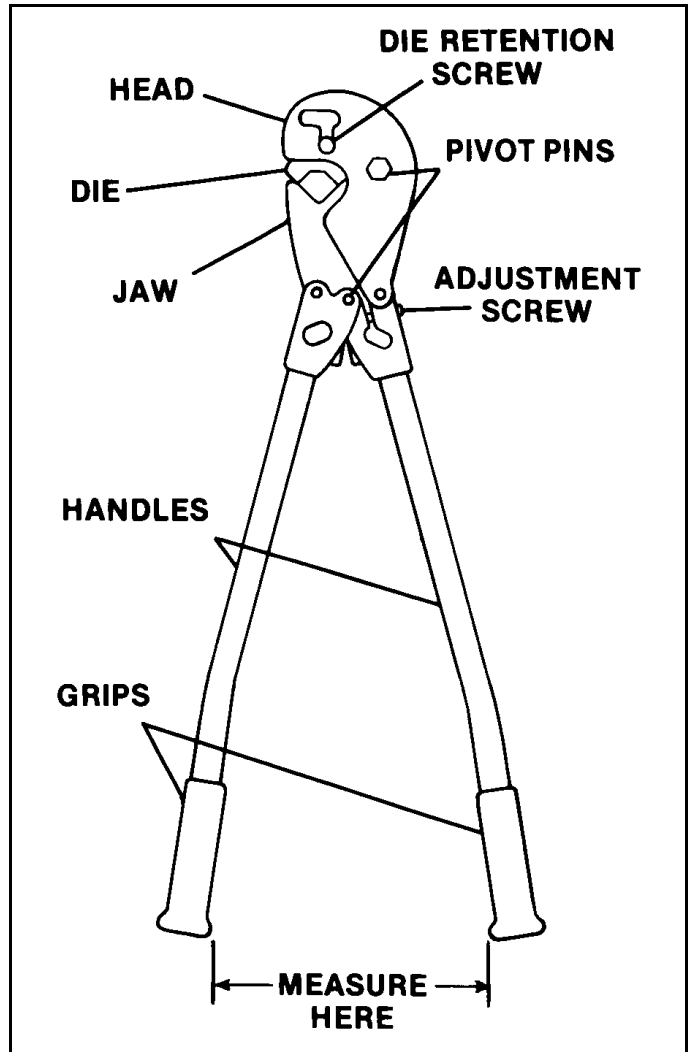


Figure 1

**CAUTION**  
Panduit tools CT-720-3CC and CT-720-7CC are equipped with a controlled cycle mechanism. Keep fingers clear of die closure during gauging procedure.

## DIE CLOSURE GAUGING

### NOTE:

Die closure gauging requires a pair of precision calipers capable of accurately measuring inside pocket dimensions.

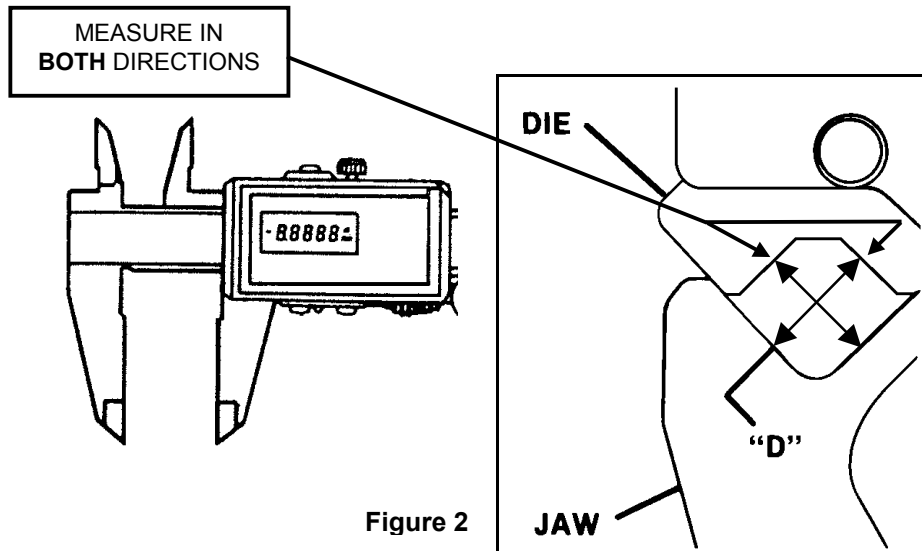


Figure 2

1. Clean the die surfaces before gauging.
2. Close handles until jaw and die are fully bottomed.
3. Using precision calipers, measure the die pocket (ensure the measurement is taken across the parallel surfaces of the die) as shown in Figure 2.
4. Compare the measured value to the CT-720 die closure range table on the right.
5. If the measured value falls into the specified range, the die closure is dimensionally correct. If the measured value is out of range, contact Panduit Tool Service Department at: 1-888-506-5400, ext. 3255.

CT-720 DIE CLOSURE RANGE TABLE

DIE PART NUMBER	COLOR CODE & INDEX NUMBER	DIA. "D" MIN. - MAX.
CD-720-1	RED P21	.195 - .211
	BLUE P24	.224 - .240
	GREY P29	.254 - .271
	BROWN P33	.303 - .321
CD-720-2	GREEN P37	.344 - .364
	PINK P42	.393 - .413
	BLK/GLD P45	.412 - .433
	ORN/TAN P50	.479 - .502
CD-720-3	PUR/OLV P54	.522 - .545
	YEL/RBY P62	.574 - .599
CD-720-4	WHITE P66	.654 - .682
CD-720-5	RED P71	.692 - .720
CD-720-6	BLUE P76	.757 - .787
CD-720-7	BROWN P87	.885 - .919
CD-720PV8-2	RED PV8	.273 - .287
	BLUE PV6	.317 - .331
	YELLOW PV4	.381 - .395
	RED PV2	.464 - .479

## LUBRICATION

1. Wipe tool and dies clean with a lint free cloth.
2. Lubricate pivot pins with SAE20 or equivalent machine oil.