



14352 W. 44th Avenue  
 Golden, CO 80403 USA  
 Phone: (303) 277-1542  
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 www.codimfg.com

## Maintaining your CODI CCL-45 Filler

The CODI CCL-45 is a well engineered piece of equipment that is meant to save you time by automating the packaging of product. As with any complex machinery with moving parts, routine maintenance is required to keep the machine running smoothly. CODI has curated several toolboxes and spare parts packages to fit various individual needs.

### TOOLBOX:


The toolbox is essential for every customer that is new to canning. It provides a centralized place to keep everything needed to maintain, adjust, and troubleshoot your equipment.

Includes:

- General Maintenance Tools: 170 piece mechanics toolset
- Seam Integrity and Adjustment Tools
- Common Spare Parts

### Benefits:

- Stay Organized: Includes a 4 drawer husky toolbox and 170 piece mechanics toolset to keep all necessary tools in one place.
- Help us help you: One centralized location for you and CODI technicians to find all ancillary equipment, tools, spare parts, and manuals needed to keep the filler running smoothly.
- Learn about and analyze seam integrity and quality control to keep your canner running at its best.
- Toolbox Essentials: Includes everything from the toolbox except the cabinet and 170 piece toolset.

 = toolbox essentials

QTY	Description
1	27 inch wide 4-Drawer Tool Cabinet, Black
1	TOOL BOX TOP
1	CODI LOGO, TOOLBOX FRONT
1	Mechanics Tool Set, 170-Piece
1	CODI PIN HEIGHT GAUGE, 4.313" TO 5.9" RANGE
1	SPRING PRESSURE GAUGE PART
2	SPRING PRESSURE GAUGE PART A
1	iGaging ABSOLUTE ORIGIN 0-8" Digital Electronic Caliper - IP54 Protection / Extreme Accuracy
1	Force Gage Model 1050CS, Calibrated in pounds
1	Mitutoyo 147-201 Can Seam Micrometer, Ratchet Stop, 0-0.5" Range, 0.001" Graduation, +/-0.00012" Accuracy, For Sprayer Cans
2	Martin 455 High Carbon Steel 1-3/4" For Circle Diameter Pin Spanner, 5-1/2" Overall Length, Industrial Black Finish
1	SYNCO CHEMICAL - SUPER LUBE GREASE, 14.1 OZ. 400GRAM CARTRIDGE, GRADE 2, MFR PT NO 41150
1	PRO-LUBE - 6,000 psi Max, Lever Grease Gun – 14 Ounce Cartridge Capacity, 1/8 Thread Outlet
1	Lifter Bearing Housing with Bearing, Subassembly
1	Brake Subassembly, Lifter Stop, SH-45
1	OEM-Kit-CODI MFG, Festo CCL-45 Filler spare fitting kit for toolboxes



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## SPARE PARTS:

When running any piece of equipment that is essential to production and profit, we recommend keeping spare parts on hand to limit down time and the need for a service technician. We have 3 tiers of spare parts that are recommended for customers at various stages of ownership and usage.

### Benefits:

- Save 20% off retail price
- Limit down time as a result of failed parts
- 3 tiers available for different customer needs

**Tier 1: Recommended for every customer running a filler. Includes parts that need to be replaced often or are easy to replace without a technician.**

Qty	Units	Description
6	EA	CAN SEAL GASKET, 202 NECK CAN, VITON RUBBER, MODIFIED TO REMOVE EXCESS FLANGE
1	EA	BASE PLATE, CAN LIFTER, SEAMER
1	EA	DEAD PLATE, LIFTER PLATE STRAIGHT, 1 CAN POST SCREW (1.67" DIS), 0.07" BRK PKT, SINGLE HEAD SEAMER
1	EA	BELT IDLER, RIGHT ANGLE GEAR BOX BELT, SPROCKET ENGAGEMENT, SINGLE HEAD SEAMER
1	EA	FILL HEAD INTERNALS SUBASSEMBLY, CCL
1	EA	LIFTER BEARING HOUSING WITH BEARING, SUBASSEMBLY
2	EA	FESTO AIR FITTING, SILENCER, G1/4 THREAD (UC-1/4)
1	EA	IFM INDUCTIVE PROXIMITY SENSOR, SST, 8MM THREAD, M8 3-PIN, 2MM RANGE, 50MM LONG
1	EA	FESTO AIR CYLINDER, CRDSNU, 25MM BORE, 25MM STROKE, AUTO CUSHIONING,A1 SEAL (CRDSNU-B-25-25-PPS-A-MG-A1)
2	EA	FESTO PINCH VALVE, SST BODY, 6MM ID, G1/4 ENDS, M5 THREAD SIDE (VZQA-C-M22U-6-GG-V4V4E-4)
1	EA	FESTO, PINCH VALVE, 2/2 NORMALLY CLOSED, 15mm THROUGH, G1/2 WORKING PORTS, G1/8 ACT. PORT (VZQA-C-M22C-15- GG-ALALE-6)
1	EA	GATES POWERGRIP GT3 SYNCHRONOUS BELT, 405MM LONG, 5MM PITCH, 15MM WIDE, 81 TEETH
6	EA	3/4" -1" FLANGE- EPDM SANITARY TRI CLOVER COMPATIBLE TRI CLAMP GASKET, FDA
6	m	FESTO PLASTIC TUBING, POLYURATHANE, 6MM OD, -0.95 TO 10 BAR RATED, HYDROLOSIS RATED, COLOR BLACK
1	EA	CONRADER PRESSURE RELIEF VALVE, CE MARK, SRV390-1/2-SS-V-SC, 1/2 NPT MALE INLET, 303 SST CONSTRUCTION, VITON SEAL, 45 PSI SETPOINT
1	EA	FESTO PRESSURE TRANSDUCER, M12 CONNECTOR, 0-10 BAR, G1/4 PROCESS CONNECTION (SPTW-P10R-G14-A-M12)
2	EA	STAINLESS STEEL EXTERNAL RETAINING RING FOR 25MM SHAFT DIAMETER
1	EA	Ares Series High Cycle-Life Pnuematic Angle Seat Valve, 3/4 TRI CLAMP
1	EA	LEE SPRING, 0.935" OD, 0.148" WIRE, 2"L, 251LBS/IN, OTCS
2	EA	1/4" EXT RETAINING RING SS
5	FT	REGAL BELT, NGE2120 FLUSH GRID, 85mm WIDE (3.35"), 12.7mm PITCH
1	EA	KEYENCE MINI METAL PHOTOEYE, BACKGROUND SUPP. TYPE, FLAT STYLE, 1-15MM SENSING RANGE, M8 3 PIN WITH 120MM CABLE, N.C. PNP
1	EA	KEYENCE MINI METAL PHOTOEYE, BACKGROUND SUPP. TYPE, FLAT STYLE, 1-30MM SENSING RANGE, M8 3 PIN WITH 120MM CABLE, N.C. PNP
1	EA	20MM SS EXT RETAINING RING, 100pk



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**Tier 2: Recommended for customers who have been running for more than a year or have reached 1 million cans.**

Qty	Units	Description
1	EA	STUB SHAFT, CONNECTION SHAFT, MOTOR TO GEARBOX, SINGLE HEAD SEAMER
1	EA	6mm" x 6mm" SST STANDARD KEY, 0.75"L
2	EA	UPPER LINKAGE, LIFTER, SINGLE HEAD SEAMER, 1.75"L
1	EA	BELT IDLER, TOP BELT, SINGLE HEAD SEAMER, SHORT, 3"D
1	EA	BELT IDLER, BOTTOM BELT, SINGLE HEAD SEAMER, 3"D
1	EA	IFM LEVEL SENSOR ASSEMBLY, 320mm CODI PROBE
1	EA	IFM PRESSURE SENSOR SUBASSEMBLY FOR CCL-45
1	EA	FESTO CABLE, M12 D-CODED STRAIGHT MALE ONE END, RJ45 ONE END, 3M LONG, GREEN (NEBC-D12G4-ES-3-S-R3G4-ET)
1	EA	FESTO SEMI ROTARY DRIVE, 180 DEG SWIVEL, 2.41Nm @ 6Bar (DRRD-20-180-FH-Y9A)
1	EA	ANGELUS 1ST OP L ROLL W/ BEARINGS, CERAMIC
1	EA	ANGELUS 2ND OP L ROLL W/ BEARINGS, CERAMIC
1	EA	Angelus Chuck, Ball 202 CDL
1	EA	NEUGART PLANETARY GEARBOX, 32:1 RATIO, 070 FRAME, 19mm INPUT SHAFT, 16mm OUTPUT
1	EA	IFM ENCODER, 10mm INPUT SHAFT, 1-10000 RESOLUTION, IO-LINK, M12 CONNECTOR
1	EA	REGAL BEARING, 1-1/4" BORE, TWO BOLT FLANGE, BLACK POLYAMIDE HOUSING, SST INSERT, CLOSED END CAP

**Tier3: For high volume customers including co-packers and mobile canners who can't afford a down day due to failed parts.**

Qty	Units	Description
1	EA	CAN LIFT GUIDE BEARING ASSEMBLY, SH-45
1	EA	FESTO ANGLE SEAT VALVE, N.C., FLOW FROM ABOVE, 15mm THROUGH, G1/2 FEMALE MEDIA PORTS, G1/8 WORKING PORT
1	EA	DRN80M4_FF_DH   SEW MOTOR, IEC FLANGE, 1HP, 4POLE, 60HZ 230/460V, 1700RPM, V3,3,X
1	EA	Tapflo AODD pump, 20 GPM max, 120psi boost, 1" process lines, 1/4" NPT working port, PTFE diaphragm and valve balls, SST housing
1	EA	IFM TEMPERATURE TRANSMITTER, -50...200 DEG C, I-O LINK, 1-1/2" TRI CLAMP, 30MM PROBE