



## 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 actual box and 170 piece toolset.

 = toolbox essentials

PART	QTY	Description
H4TR1R	1	Husky 27 in. W 4-Drawer Tool Cabinet, Black
CP016128	1	TOOL BOX TOP
CP016129	1	CODI LOGO, TOOLBOX FRONT
CTK170CMP2	1	Crescent CTK170CMP2 Mechanics Tool Set, 170-Piece
CA001757	1	CODI PIN HEIGHT GAUGE, 4.313" TO 5.9" RANGE
CP014853	1	SPRING PRESSURE GAUGE PART
CP014859	2	SPRING PRESSURE GAUGE PART A
N/A	1	iGaging ABSOLUTE ORIGIN 0-8" Digital Electronic Caliper - IP54 Protection / Extreme Accuracy
1050CS	1	Force Gage Model 1050CS, Calibrated in pounds
147-201	1	Mitutoyo 147-201 Can Seam Micrometer, Ratchet Stop, 0-0.5" Range, 0.001" Graduation, +/-0.00012" Accuracy, For Sprayer Cans
88580030	2	Martin 455 High Carbon Steel 1-3/4" For Circle Diameter Pin Spanner, 5-1/2" Overall Length, Industrial Black Finish
257063	1	SYNCO CHEMICAL - SUPER LUBE GREASE, 14.1 OZ. 400GRAM CARTRIDGE, GRADE 2, MFR PT NO 41150
71237986	1	PRO-LUBE - 6,000 psi Max, Lever Grease Gun – 14 Ounce Cartridge Capacity, 1/8 Thread Outlet
CS002278	1	Lifter Bearing Housing with Bearing, Subassembly
CS002416	1	Brake Subassembly, Lifter Stop, SH-45
23305732	1	OEM-Kit-CODI MFG, Festo CCL-45 Filler spare fitting kit for toolboxes



## Spare Parts:

When running any piece of equipment that is essential to production and profit, it is wise to keep spare parts on hand to limit down time and reduce the possibility of needing a CODI service technician. We have 3 tiers of spare parts that are recommended for customers at various stages of ownership and usage. We also offer a soft parts package and a pneumatics package.

### Benefits:

- Save 20% off retail price
- Limit down time as a result of failed parts
- 3 tiers available for different customer needs
- Soft Parts & Pneumatics packages also available

**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.**

PartNumber	Qty	Units	Description
CP006105	6	EA	CAN SEAL GASKET, 202 NECK CAN, VITON RUBBER, MODIFIED TO REMOVE EXCESS FLANGE
CP018053	1	EA	BASE PLATE, CAN LIFTER, SEAMER
CP018666	1	EA	DEAD PLATE, LIFTER PLATE STRAIGHT, 1 CAN POST SCREW (1.67" DIS), 0.07" BRK PKT, SINGLE HEAD SEAMER
CS002011	1	EA	BELT IDLER, RIGHT ANGLE GEAR BOX BELT, SPROCKET ENGAGEMENT, SINGLE HEAD SEAMER
CS002040	1	EA	FILL HEAD INTERNALS SUBASSEMBLY, CCL
CS002278	1	EA	LIFTER BEARING HOUSING WITH BEARING, SUBASSEMBLY
165004	2	EA	FESTO AIR FITTING, SILENCER, G1/4 THREAD (UC-1/4)
IEC201	1	EA	IFM INDUCTIVE PROXIMITY SENSOR, SST, 8MM THREAD, M8 3-PIN, 2MM RANGE, 50MM LONG
2159637	1	EA	FESTO AIR CYLINDER, CRDSNU, 25MM BORE, 25MM STROKE, AUTO CUSHIONING, A1 SEAL (CRDSNU-B-25-25-PPS-A-MG-A1)
2931678	2	EA	FESTO PINCH VALVE, SST BODY, 6MM ID, G1/4 ENDS, M5 THREAD SIDE (VZQA-C-M22U-6-GG-V4V4E-4)
3174282	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)
405-5MGT-15	1	EA	GATES POWERGRIP GT3 SYNCHRONOUS BELT, 405MM LONG, 5MM PITCH, 15MM WIDE, 81 TEETH
42MPE-0.75	6	EA	3/4" -1" FLANGE- EPDM SANITARY TRI CLOVER COMPATIBLE TRI CLAMP GASKET, FDA
8048684	6	m	FESTO PLASTIC TUBING, POLYURATHANE, 6MM OD, -0.95 TO 10 BAR RATED, HYDROLOSIS RATED, COLOR BLACK
6428R-SC_CE	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
8000104	1	EA	FESTO PRESSURE TRANSDUCER, M12 CONNECTOR, 0-10 BAR, G1/4 PROCESS CONNECTION (SPTW-P10R-G14-A-M12)
DSH-025-SS	2	EA	STAINLESS STEEL EXTERNAL RETAINING RING FOR 25MM SHAFT DIAMETER
J4SPG16U5	1	EA	Ares Series High Cycle-Life Pneumatic Angle Seat Valve, 3/4 TRI CLAMP
LHL 1000AB 05	1	EA	LEE SPRING, 0.935" OD, 0.148" WIRE, 2"L, 251LBS/IN, OTCS
N/A	2	EA	1/4" EXT RETAINING RING SS
NGE2120FG-M0085	5	FT	REGAL BELT, NGE2120 FLUSH GRID, 85mm WIDE (3.35"), 12.7mm PITCH
PR-FB15C3PL	1	EA	KEYENCE MINI METAL PHOTOEYE, BACKGROUND SUPP. TYPE, FLAT STYLE, 1-15MM SENSING RANGE, M8 3 PIN WITH 120MM CABLE, N.C. PNP
PR-FB30C3PL	1	EA	KEYENCE MINI METAL PHOTOEYE, BACKGROUND SUPP. TYPE, FLAT STYLE, 1-30MM SENSING RANGE, M8 3 PIN WITH 120MM CABLE, N.C. PNP
PRS02893062	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.**

Part #	Qty	Units	Description
CP013588	1	EA	STUB SHAFT, CONNECTION SHAFT, MOTOR TO GEARBOX, SINGLE HEAD SEAMER
CP013589-0.75	1	EA	6mm" x 6mm" SST STANDARD KEY, 0.75"L
CP015890	2	EA	UPPER LINKAGE, LIFTER, SINGLE HEAD SEAMER, 1.75"L
CS001490	1	EA	BELT IDLER, TOP BELT, SINGLE HEAD SEAMER, SHORT, 3"D
CS001491	1	EA	BELT IDLER, BOTTOM BELT, SINGLE HEAD SEAMER, 3"D
CS002036	1	EA	IFM LEVEL SENSOR ASSEMBLY, 320mm CODI PROBE
CS002037	1	EA	IFM PRESSURE SENSOR SUBASSEMBLY FOR CCL-45
8040452	1	EA	FESTO CABLE, M12 D-CODED STRAIGHT MALE ONE END, RJ45 ONE END, 3M LONG, GREEN (NEBC-D12G4-ES-3-S-R3G4-ET)
1395606	1	EA	FESTO SEMI ROTARY DRIVE, 180 DEG SWIVEL, 2.41Nm @ 6Bar (DRRD-20-180-FH-Y9A)
ANL297R90CBSETC-A-20	1	EA	ANGELUS 1ST OP L ROLL W/ BEARINGS, CERAMIC
ANL298S141CBSETC-A-20	1	EA	ANGELUS 2ND OP L ROLL W/ BEARINGS, CERAMIC
ANLLP0202CDLB155 TNB	1	EA	Angelus Chuck, Ball 202 CDL
mb_3234	1	EA	NEUGART PLANETARY GEARBOX, 32:1 RATIO, 070 FRAME, 19mm INPUT SHAFT, 16mm OUTPUT
RV3100	1	EA	IFM ENCODER, 10mm INPUT SHAFT, 1-10000 RESOLUTION, IO-LINK, M12 CONNECTOR
UCFH206-20-SS-CEC	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.**

Part #	Qty	Units	Description
CS002038	1	EA	CAN LIFT GUIDE BEARING ASSEMBLY, SH-45
1002513	1	EA	FESTO ANGLE SEAT VALVE, N.C., FLOW FROM ABOVE, 15mm THROUGH, G1/2 FEMALE MEDIA PORTS, G1/8 WORKING PORT
87.7497885001	1	EA	DRN80M4_FF_DH   SEW MOTOR, IEC FLANGE, 1HP, 4POLE, 60HZ 230/460V, 1700RPM, V3,3,X
T80-ST5	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
TA2802	1	EA	IFM TEMPERATURE TRANSMITTER, -50...200 DEG C, I-O LINK, 1-1/2" TRI CLAMP, 30MM PROBE



**Pneumatics Package:**

Part #	Qty	Units	Description
153013	1	EA	FESTO AIR FITTING, STRAIGHT, R1/8 TO 6MM PUSH TO CONNECT, INTERNAL HEX (QS-1/8-6-I)
153024	1	EA	FESTO AIR FITTING G1/4 FEMALE THREAD TO 6MM PUSH TO CONNECT (QSF-1/4-6-B)
153047	1	EA	FESTO AIR FITTING, 90 DEG, R1/4 TO 6MM PUSH TO CONNECT (QSL-1/4-6)
153074	1	EA	FESTO AIR FITTING, L-SHAPE, 12MM PUSH-IN BOTH ENDS (QSL-12)
153154	1	EA	FESTO AIR FITTING, Y-SHAPE, 8mm to 6mm PUSH TO CONNECT TUBE (QSY-8-6)
153321	5	EA	FESTO AIR FITTING, STRAIGHT, INTERNAL HEX, M7 THREAD TO 6MM PUSH TO CONNECT (QSM-M7-6-I)
153372	1	EA	FESTO AIR FITTING, Y-SHAPE, 6mm x 6mm (QSMY-6)
153463	1	EA	FESTO AIR FITTING, CHECK VALVE, 6MM PUSH TO CONNECT, 1.5 PSI OPENING PRESSURE (H-QS-6)
186097	1	EA	FESTO AIR FITTING, STRAIGHT, G1/4 TO 6MM PUSH TO CONNECT (QS-G1/4-6)
186101	1	EA	FESTO AIR FITTING, STRAIGHT, G1/4 TO 10MM PUSH TO CONNECT (QS-G1/4-10)
186103	1	EA	FESTO AIR FITTING, STRAIGHT, G3/8 TO 12MM PUSH TO CONNECT (QS-G3/8-12)
186104	1	EA	FESTO AIR FITTING, G1/2 TO PUSH TO CONNECT 12MM (QS-G1/2-12)
186108	1	EA	FESTO AIR FITTING, MALE STRAIGHT, INTERNAL HEX, G1/4 TO 6MM PUSH TO CONNECT (QS-G1/4-6-I)
186117	1	EA	FESTO AIR FITTING, 90 DEG, ROTATABLE, G1/8 TO 6MM PUSH TO CONNECT (QSL-G1/8-6)
186118	1	EA	FESTO AIR FITTING, 90 DEG, ROTATABLE, G1/4 TO 6MM PUSH TO CONNECT (QSL-G1/4-6)
186123	1	EA	FESTO AIR FITTING, 90 DEG, G3/8 TO 10MM PUSH TO CONNECT (QSL-G3/8-10)
186124	1	EA	FESTO AIR FITTING, 90 DEG, ROTATABLE, G3/8 TO 12MM PUSHTO CONNECT (QSL-G3/8-12)
186255	1	EA	FESTO AIR FITTING, DISTRIBUTOR, G1/4 MALE INLET, 6X 6mm (QSLV6-G1/4-6)
186350	1	EA	FESTO AIR FITTING, STRAIGHT, G1/4 TO 12MM PUSH TO CONNECT (QS-G1/4-12)
186351	1	EA	FESTO AIR FITTING, 90 DEG, ROTATABLE, G1/4 TO 12MM PUSHTO CONNECT (QSL-G1/4-12)
190666	1	EA	FESTO AIR FITTING, M5 MALE THREAD TO 6mm TUBE PUSH TO CONNECT SWIVEL L-FITTING (QSLV-M5-6)
193139	1	EA	FESTO ONE WAY FLOW CONTROL FITTING, M5 TO 6MM TUBE (GRLA-M5-QS-6-D)
193144	1	EA	FESTO AIR FITTING, FESTO ONE WAY FLOW CONTROL VALVE, G1/8 TO 6MM (GRLA-1/8-QS-6-D)
193969	1	EA	FESTO INLINE ONE WAY FLOW CONTROL VALVE, NON-RETURN FUNCTION, 6MM TUBE (GR-QS-6)
531774	1	EA	FESTO G1/2 SEALING WASHER (OK-1/2)
578282	1	EA	FESTO AIR FITTING, CHEM RESISTANT, 90 DEG, ROTATABLE, G1/8 TO 8MM PUSH TO CONNECT (NPQH-L-G18-Q8-P10)
578283	1	EA	FESTO AIR FITTING, CHEM RESISTANT, 90 DEG, ROTATABLE, G1/4 TO 6MM PUSHTO CONNECT (NPQH-L-G14-Q6-P10)
578284	1	EA	FESTO AIR FITTING, CHEM RESISTANT, 90 DEG, ROTATABLE, G1/4 TO 8MM PUSH TO CONNECT (NPQH-L-G14-Q8-P10)
578286	1	EA	FESTO AIR FITTING, CHEM RESISTANT, 90 DEG, ROTATABLE, G1/4 TO 12MM PUSHTO CONNECT (NPQH-L-G14-Q12-P10)
578292	1	EA	FESTO AIR FITTING, CHEM RESISTANT, 90 DEG, G1/2 TO 12MM PUSH TO CONNECT (NPQH-L-G12-Q12)
578341	1	EA	FESTO AIR FITTING, CHEM RESISTANT, STRAIGHT, G1/4 TO 6MM PUSH TO CONNECT (NPQH-D-G14-Q6-P10)
578342	1	EA	FESTO AIR FITTING, CHEM RESISTANT, STRAIGHT, G1/4 TO 8MM PUSH TO CONNECT (NPQH-D-G14-Q8-P10)
578347	1	EA	FESTO AIR FITTING, CHEM RESISTANT, STRAIGHT, G3/8 TO 12MM PUSH TO CONNECT (NPQH-D-G38-Q12-P10)
578350	1	EA	FESTO AIR FITTING, CHEM RESISTANT, STRAIGHT, G1/2 TO 12MM PUSH TO CONNECT (NPQH-D-G12-Q12)
578363	1	EA	FESTO AIR FITTING, CHEM RESISTANT, G1/4 TO 6MM STEM (NPQH-D-G14-S6-P10)
578384	1	EA	FESTO AIR FITTING, CHEM RESISTANT, T-SHAPE, 12mm x 12mm (NPQH-T-Q12-E-P10)
578387	1	EA	FESTO AIR FITTING, CHEM RESISTANT, T-SHAPE, 8MM THROUGH, 6MM REDUCING TEE (NPQH-T-Q8-Q6-P10)
578411	1	EA	FESTO AIR FITTING, CHEM RESISTANT, Y-SHAPE, 8mm x 8mm (NPQH-Y-Q8-E-P10)
9396	1	EA	FESTO ADAPTER, G1/4 MALE, 1/4 NPT FEMALE (AD-G1/4-1/4NPT-I)
9397	1	EA	FESTO ADAPTER, G3/8 MALE, 3/8 NPT FEMALE (AD-G3/8-3/8NPT-I)



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**Soft Parts Package:**

Part #	Qty	Units	Description
BOM81278	2	EA	FF Flg Gasket 150lb FDA Silicon, 1/8" x 12.00"ID x 15.00"OD, 0833-1255036WH-FDA
GTCE-075	20	EA	3/4" EPDM Clamp Gasket
GTCE-100	6	EA	1" EPDM Clamp Gasket
GTCE-150	20	EA	1-1/2" EPDM Clamp Gasket
N/A	6	EA	FILLER HOSE ASSEMBLY, 3/4"X4' OAL NF 6500 HOSE ASY, INLET: 3/4" SS MINI TC W/ HD CRIMP FERRULE, OUTLET: 3/4" SS MINI TC W/ HD CRIMP FERRULE
CP006105	6	EA	CAN SEAL GASKET, 202 NECK CAN, VITON RUBBER, MODIFIED TO REMOVE EXCESS FLANGE

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