

Ref. No.	Assembly Drawing Number	Assembly Parts List Number	Qty. Per Assy.	Part Description
1	SA-ISC4000-300XXA	SA-ISC4000-300XXA	1	ROBOT, CLOSING, TWINLINE 410
33	SA-ISC4001-300XXA	SA-ISC4001-300XXA	2	ACTUATOR, ROTARY, MODIFIED
2	SA-ISC4007-300XXA	SA-ISC4007-300XXA	1	FRAME, MOUNTING, ROBOT TWINLINE 410

Ref. No.	Commercial Catalog Number	Assembly Parts List Number	Qty. Per Assy.	Part Description
1	G-MGW063-20	580049	2	TOOL CHANGER,MANUAL,UPPER (ROBOT SIDE),MODEL MGW063,63 DIAMETER,ISO9409-1 HOLE PATTERNS,AN ODIZED AL, OEM: GRIP GmbH P/N G-MGW063-20
2		580955	2	PLATE, TOOL CHANGER ADAPTER
3		580963	1	PLATE, CLOSING EOAT MTG
4		580964	1	PLATE, CLOSING EOAT MTG
5		580965	2	BAR, CLOSING EOAT MTG
6		580279	1	TwinLine Robot, Model 410 Single Arm, 220 mm CD, 25 kg payload
7		581003	1	PLATE, KEY, CPC QUICK CONNECT, 6X, TRIANGULAR
8		581004	1	PLATE, KEY, CPC QUICK CONNECT, 6X, SQUARE
9		581005	2	BRACKET, ANGLE, DISCONNECTS MTG
10		472677	8	FITTING, QUICK CONNECT, BODY, 1/4" FLOW, 9.5 OD MM TUBE, SHUTOFF, WITH LATCH, ACETAL, COLDER PART NUMBER PLCD12006
11		472678	4	FITTING, QUICK CONNECT, BODY, 1/4" FLOW, 8 OD MM TUBE, 6.4 MM ID, SHUTOFF, WITHOUT LATCH, ACETAL, COLDER PART NUMBER PLMD12006
12		STDS0512-0562A	4	SPACER,0.328"ID,0.750"OD, 0.562"LG,AL
13		FES163142	4	VALVE,SOLENOID,CPE18-M1H-5L-1/4,4-WAY, 24VDC OEM: FESTO PNEUMATICS, INC
14	QSY-1/4-8	FES153142	6	FITTING,8 X R1/4,"Y" CONNECTOR,TUBING X THREAD,PUSH-PULL TUBING CONNECTIONS, FESTO# QSY-1/4-8 OEM: FESTO PNEUMATICS, INC
15		FES165004	8	SILENCER,G1/4,FESTO# 165004,UC-1/4 OEM: FESTO PNEUMATICS, INC
16		581865	2	BRACKET, VALVE MTG
17	2077	FES2077	1	MANIFOLD,8 PORTS,G 3/8ISO INLET,G 1/8ISO OUTLET,A2 REF# FR-8-1/8OEM: FESTO PNEUMATICS, INC
18		FES153090	6	FITTING L-FITTING QSLV-1/4-8 PUSH-IN THR X MALE THREAD,QUICK STAR PUSH-PULL, PLASTIC BODY WITH SS COLLET & BRASS STUD,TYPE QSLV-1/4-8,FESTO# 153090 <METRIC> OEM: FESTO PNEUMATICS, INC
19	153089	FES153089	4	FITTING L-FITTING QSLV-1/8-8 PUSH-IN THR X MALE THREAD,QUICK STAR PUSH-PULL, PLASTIC BODY WITH SS COLLET & BRASS STUD,TYPE QSLV-1/8-8,FESTO# 153089 <METRIC> OEM: FESTO PNEUMATICS, INC NOTE: REPLACES 384105
20	3570	FES3570	1	FITTING,G3/8,SOCKET HEAD PIPE PLUG,DIN 908 (WITH SEALING RING),8 mm HEX,STEEL, TYPE B-3/8 MPT,FESTO# 3570 <METRIC> OEM: FESTO PNEUMATICS, INC
21	3568	FES3568	4	PLUG BLANKING SKT HD B-1/8 908 (WITH SEALING RING),5 mm HEX,STEEL, TYPE B-1/8 MPT,FESTO# 3568 <METRIC> OEM: FESTO PNEUMATICS, INC
22		581882	4	BLOCK, ADJUSTING
23		309997	4	NUT,M6 X 1,HEX THIN,ISO 4035,A2-70
24		579692	4	SCREW,M6 X 1 X 45,HEX HEAD CAP,ISO 4017, A2-70,(FULLY THREADED,STAINLESS STEEL)
25		STDS0308-0125SS	6	SPACER .206 ID X .500 OD X .125 THK SST 0.125"LG,SS

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26	QSY-1/4-6	FES153140	2	FITTING,6 X R1/4,"Y" CONNECTOR,TUBING X THREAD,PUSH-PULL TUBING CONNECTIONS, FESTO# QSY-1/4-6 OEM: FESTO PNEUMATICS, INC
27		585226	1	PLATE,REGULATOR MTG.
28	MS4-LR-1/4-D5-RG-WR	580430	2	REGULATOR,0.3 TO 4 BAR RANGE, G1/4 PORTS, INTEGRATED COVER PLATE GAGE, FESTO # 527690 MS4-LR-1/4-D5-RG-WR
29	153335	FES153335	4	FITTING, PUSH-IN, "L" SHAPED, M5 THREADED FOR TUBING TO Ø6MM TUBING FESTO# QSML-M5-6 OEM: FESTO PNEUMATICS, INC NOTE: REPLACES 324629
30		FES190649	2	FITTING,12 X R1/4 THREAD,MALE CONNECTOR, TUBING X THREAD,TYPE QS-1/4-12-I, FESTO #190649 < METRIC> OEM: FESTO PNEUMATICS, INC NOTE: REPLACES 304208
31		FES153020	1	FITTING,12 X R3/8 THREAD,MALE CONNECTOR, TUBING X THREAD,TYPE QS-3/8-12-I, FESTO #153020 < METRIC> OEM: FESTO PNEUMATICS, INC NOTE: REPLACES 304199
32	M5 X 0.8 X 12	404735	8	SCREW,M5 X 12,HEX SOC BUTTON HD,SST HEAD,ISO 7380,A2-70 <METRIC>
33		SA-ISC4001-300XXA	2	ACTUATOR, ROTARY, MODIFIED

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SA-ISC4007-300XXA [FRAME, MOUNTING, ROBOT TWINLINE 410] Ref.#: 2

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1		580966	1	BEAM, ROBOT MTG
2		309454	5	SCREW,M10 X 40,HEX HD CAP,FULL THREAD, DIN 933,SST,ISO 4017,A2-70 <METRIC>
3		582241	2	LEVELING BAR
4		582242	4	LEVELING JACK
5	SSPW-5	RTSSSPW-5	4	WASHER,SPHERICAL,2 PIECE,0.656"ID, 1.375"OD,0.312" THK,STAINLESS STEELOEM: REID TOOL SUPPLY CO
6		480536	4	NUT, TEE, M12
7		469179	4	SCREW,M12 X 1.75 X 130,HEX HEAD CAP,ISO 4014,A2-70 <METRIC>
8		STDS0816-0188SS	3	SPACER .516 ID x 1.00 OD x .188 THK SST 0.188"LG,SS
9		428314	4	SCREW,M12 X 50,HEX HD CAP,FULL THREAD,SST,ISO 4017,A2-70 <METRIC>
10		586850	2	SPACER, TWINLINE MTG
11		AMA603-#7X24	2	PIN,TAPER,#7,3.000"LG, CARBON STEEL