



ProJet[®] MJP 2500 Series

3D Production Printer

Spare Parts Locator

Original Instructions



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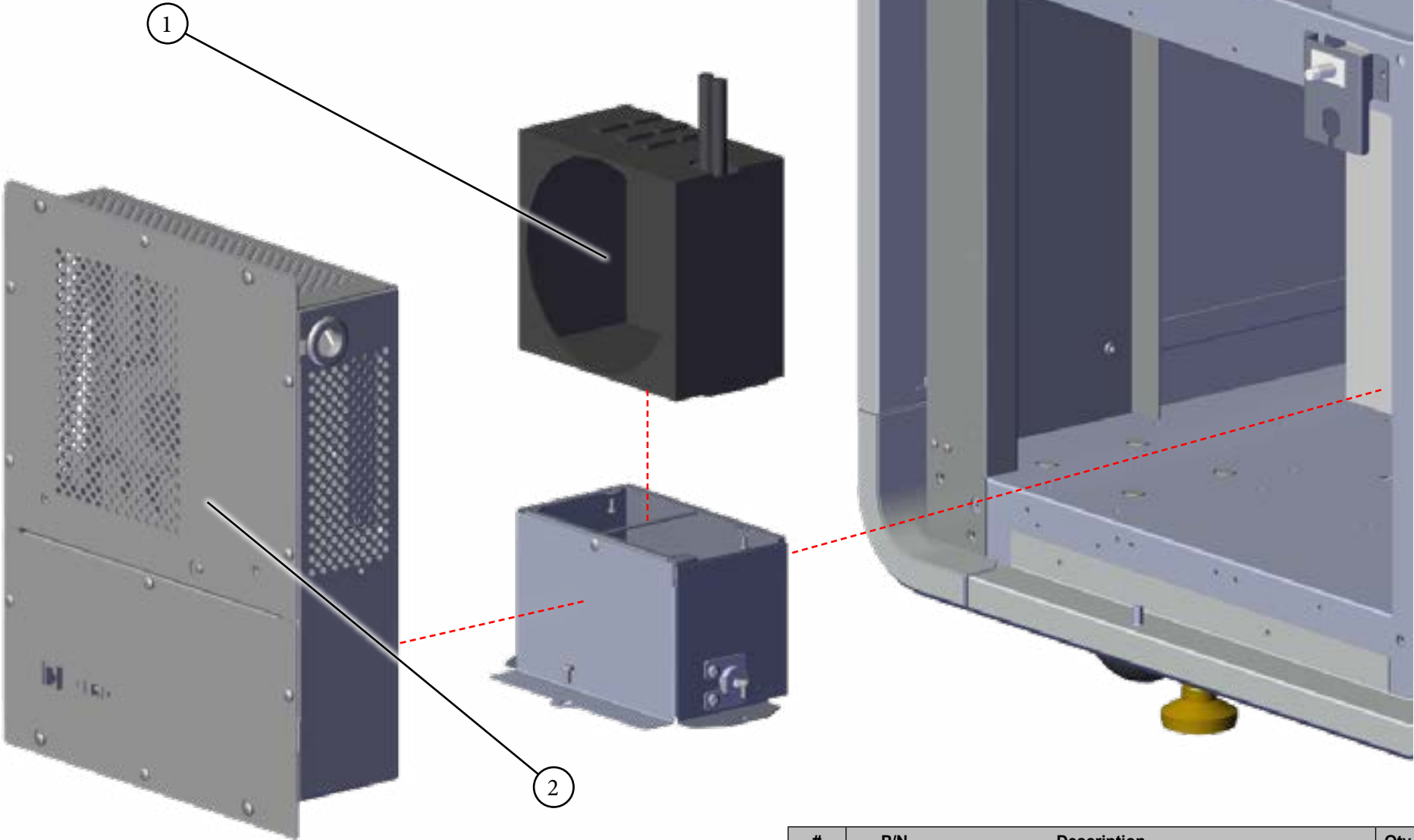
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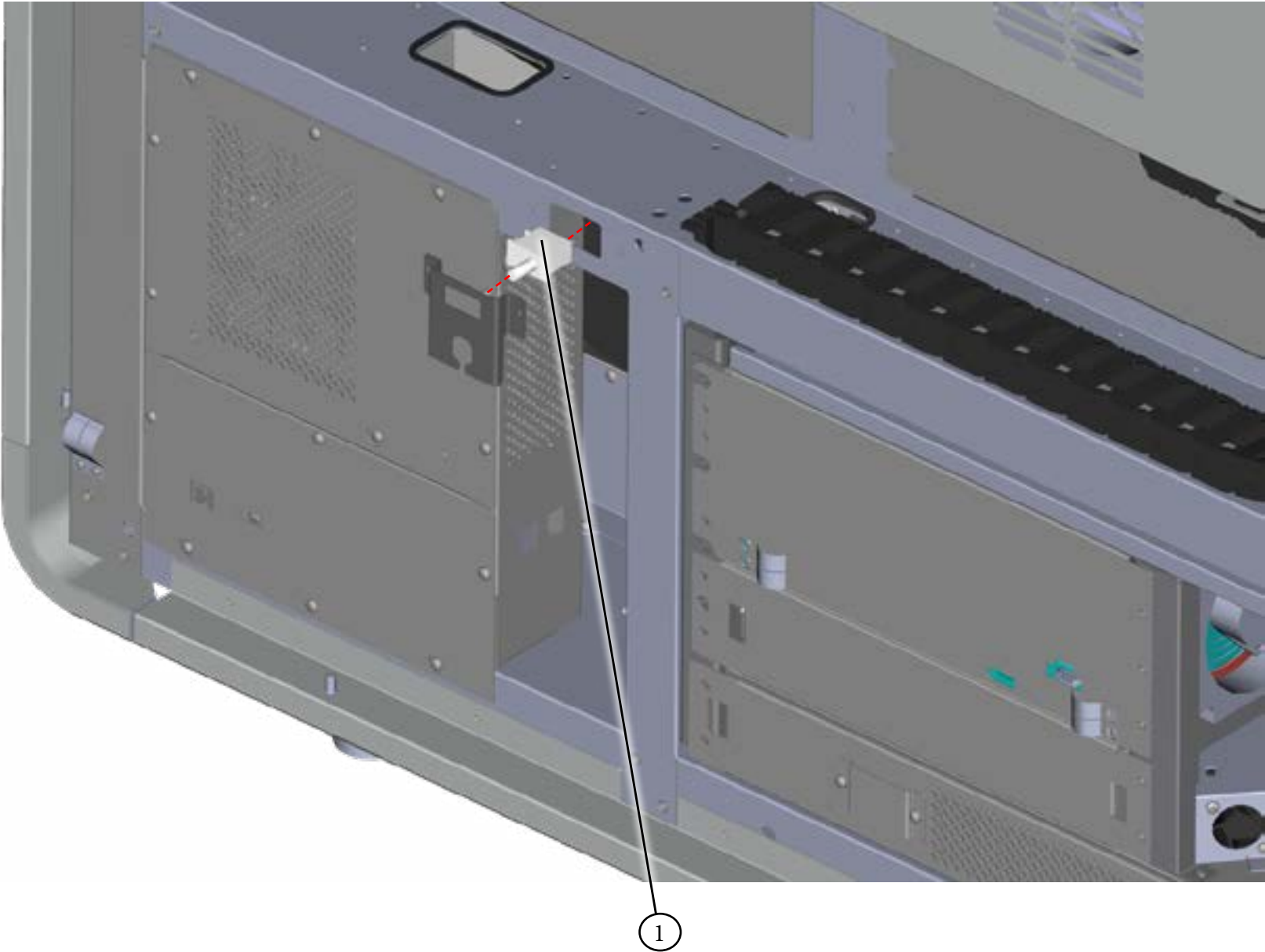
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PC POWER SUPPLY



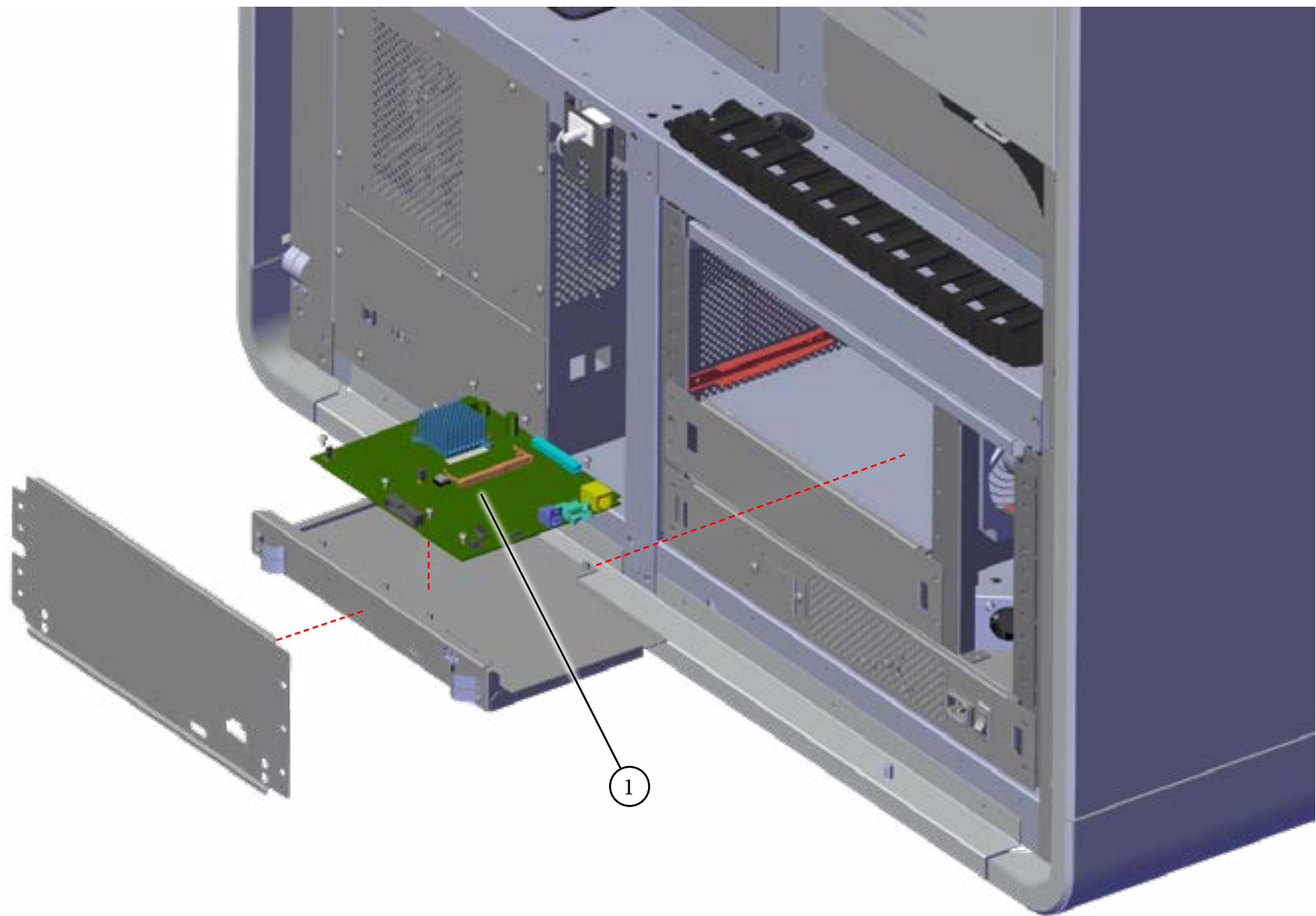
#	P/N	Description	Qty
1	311209-01	PC Power Supply TIP600B	1
2	31-1593	FRU, Embedded PC,Windows 10	1

PUSH BUTTON SWITCH

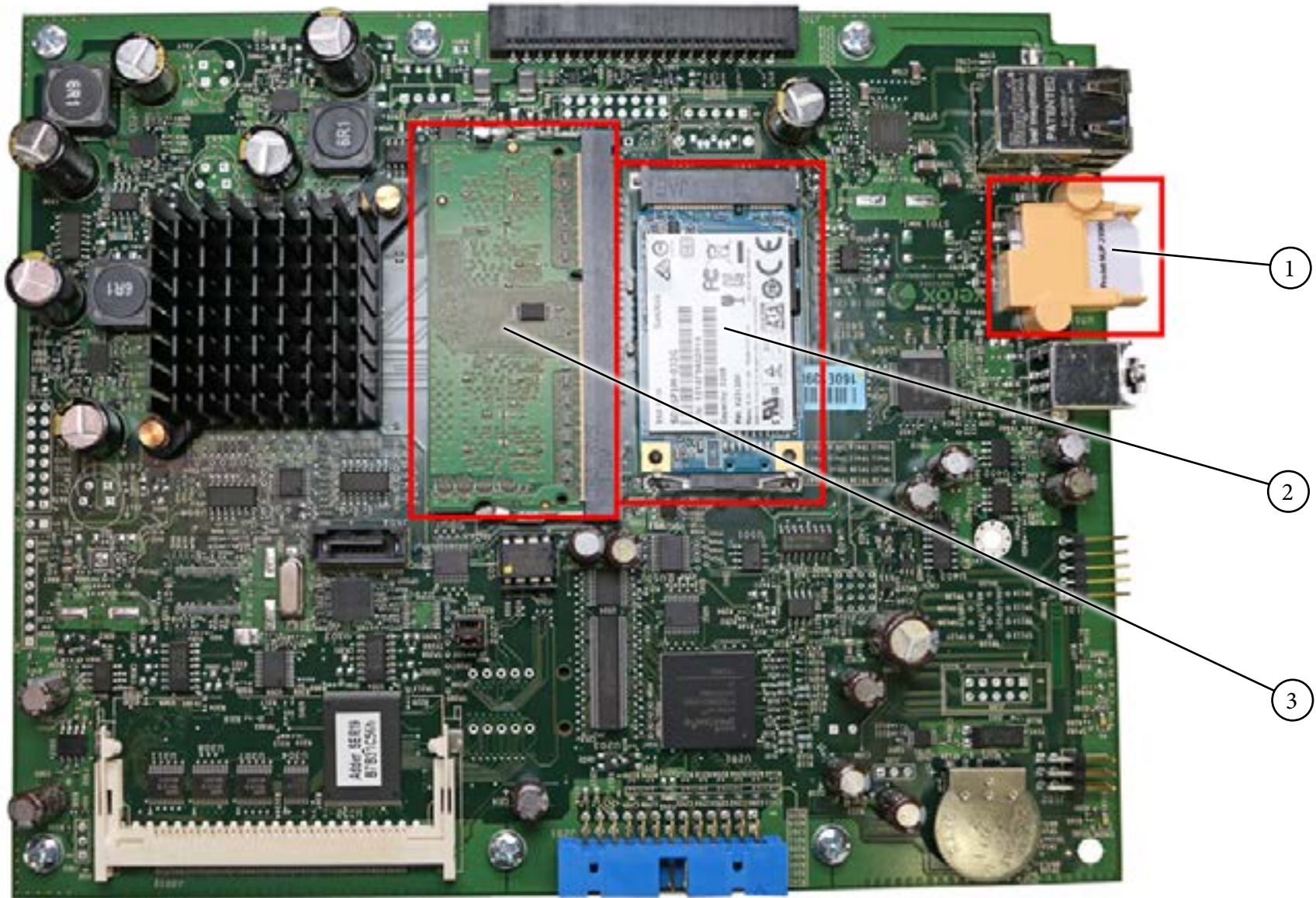


#	P/N	Description	Qty
1	311127-00	Switch, Push Button Momentary SPST 10A	1

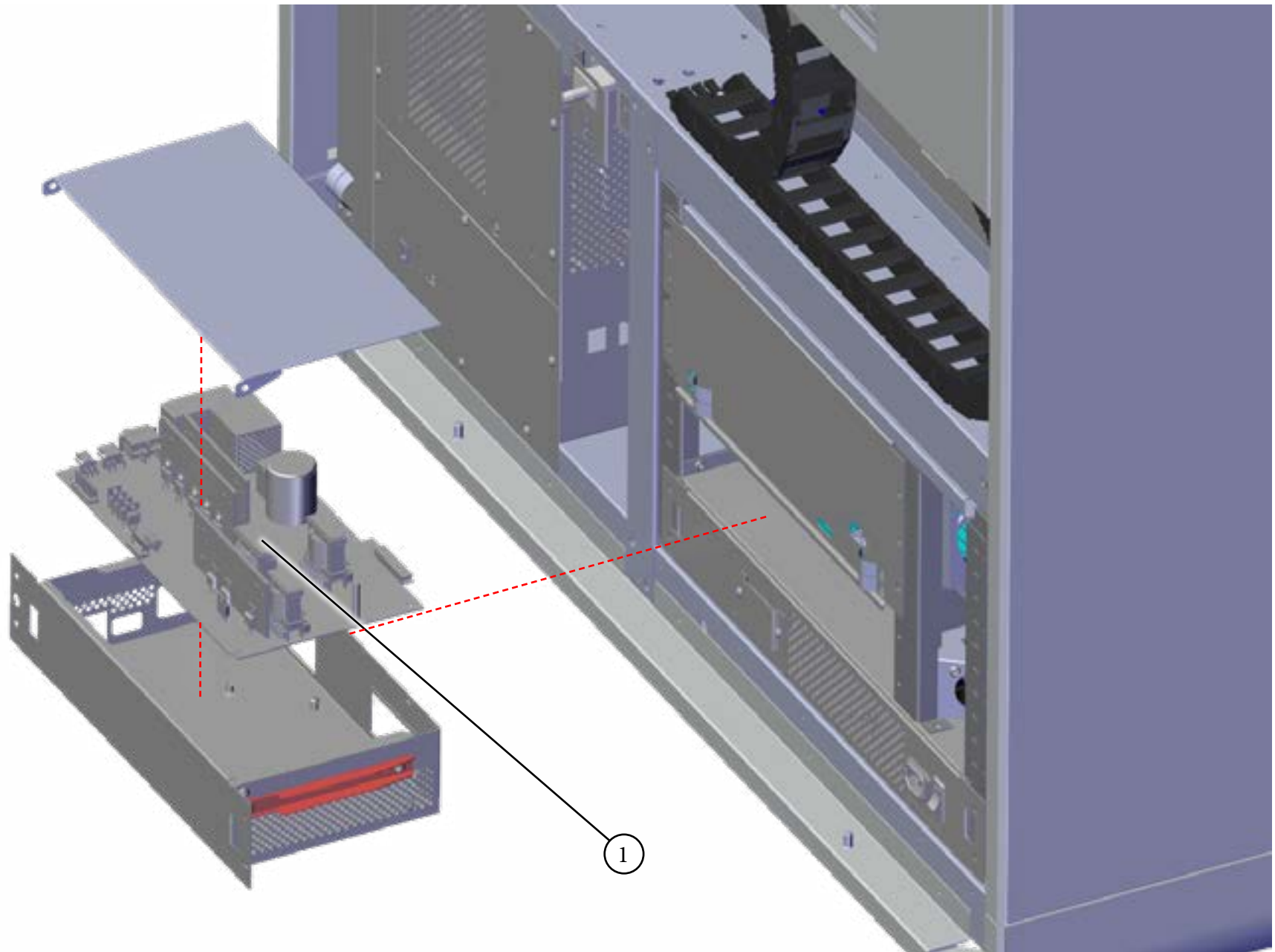
E-CHASSIS



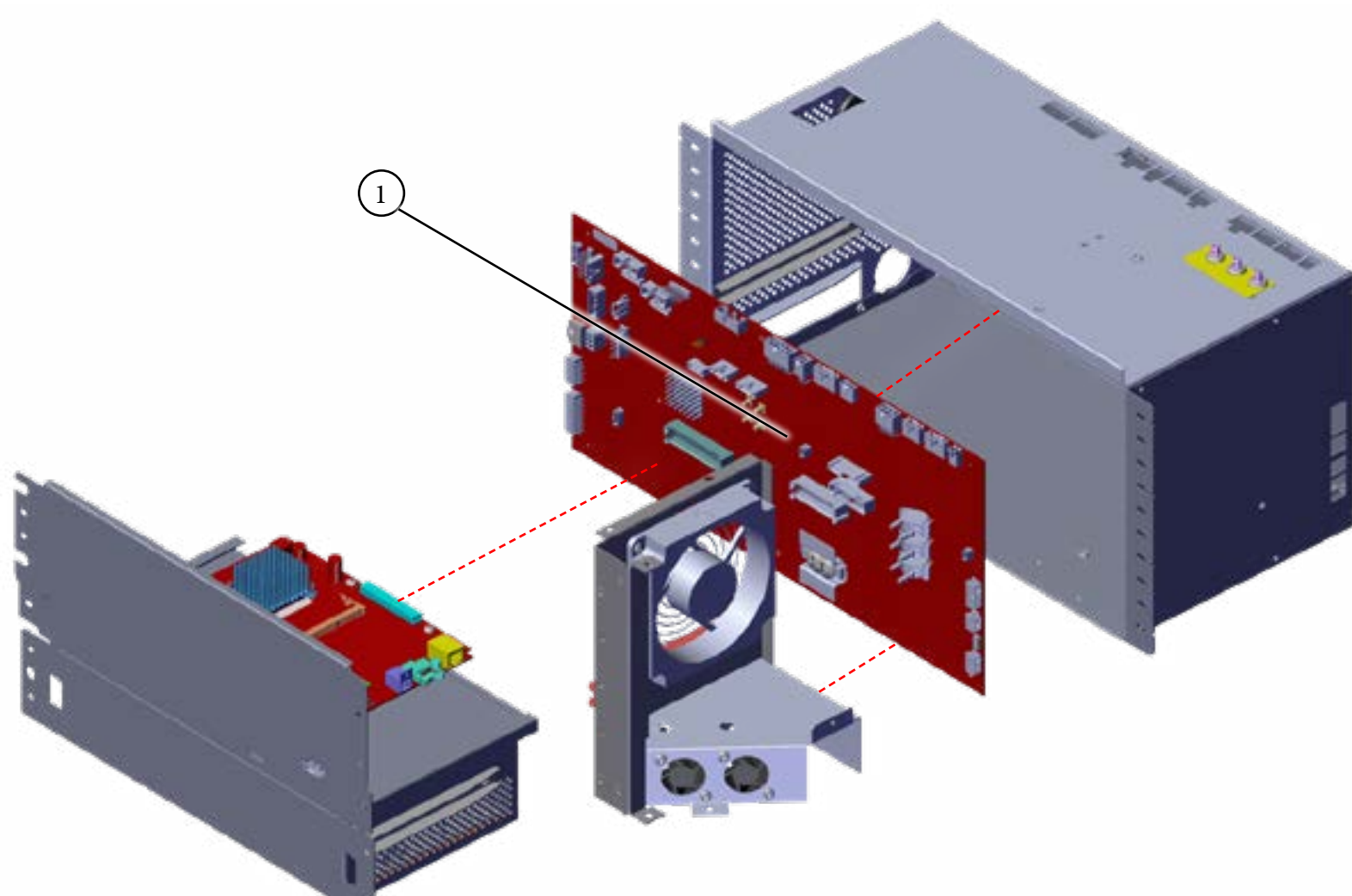
#	P/N	Description	Qty
1	31-1514	R/FRU, Main Controller Board Projet 2500, 2500W, 2500IC	1



#	P/N	Description	Qty
1	311406-00	Card, SIM, Programmed Base, ProJet 2500	1
1	31-0972	Card, SIM, Programmed ProJet 2500W	1
2	311419-01	FRU, SSD, Main Controller. 32GB MSATA (ProJet 2500)	1
2	31-1449	FRU, SSD, Main Controller, 32GB, MSATA (ProJet 2500IC)	1
3	311420-00	FRU, Memory, Main Controller, 2GB DDR3	1

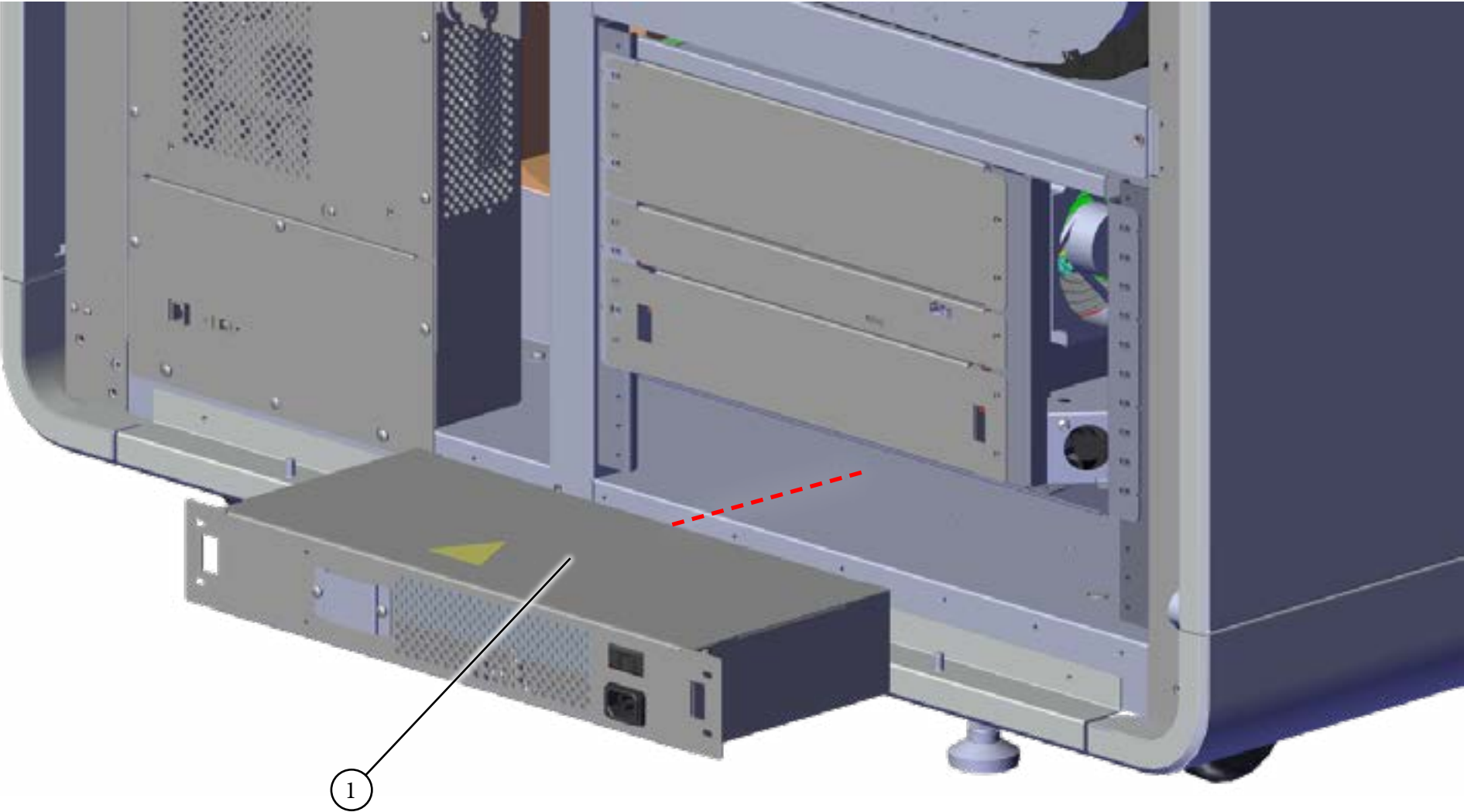


#	P/N	Description	Qty
1	31-1642	Power Supply	1

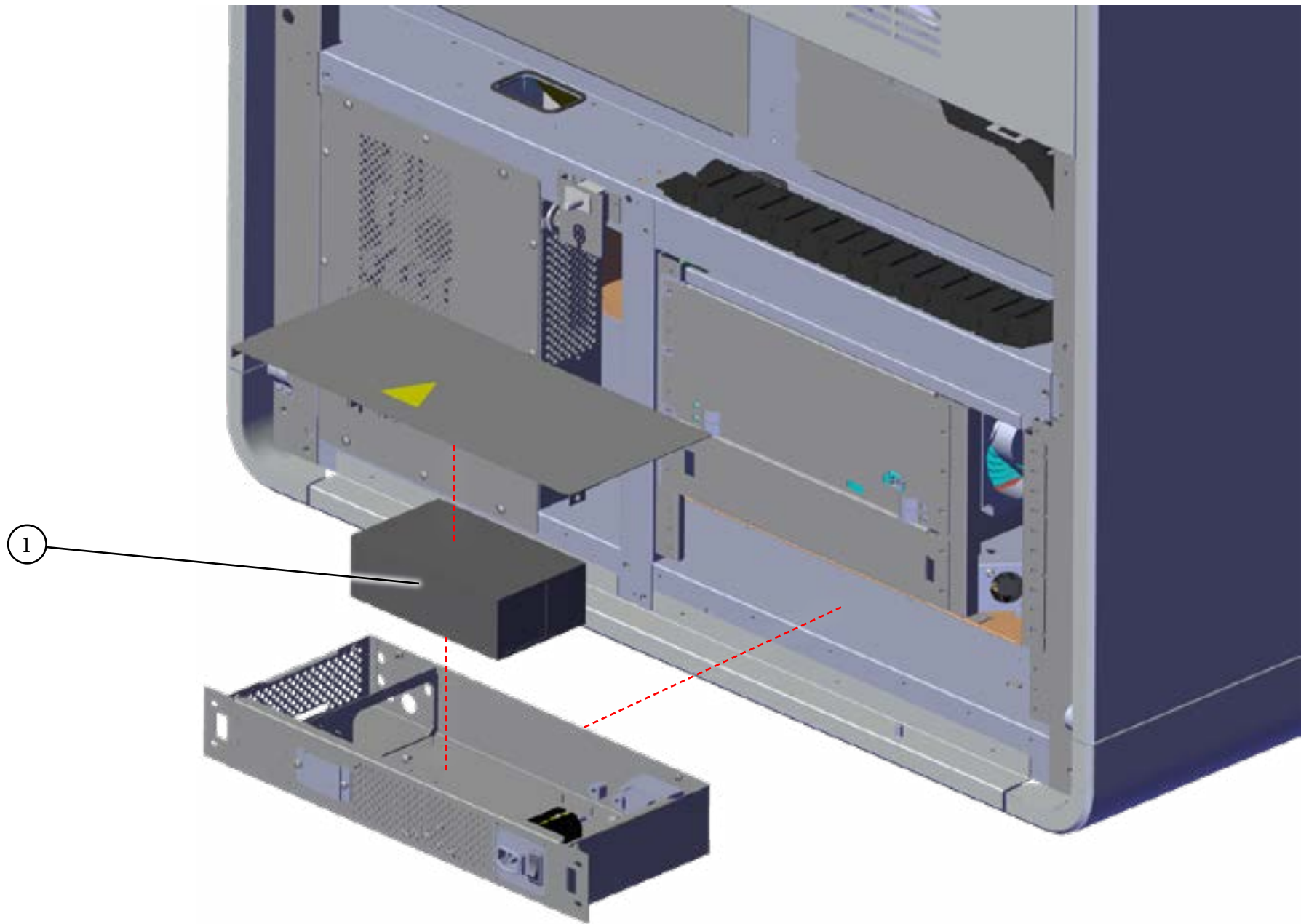


#	P/N	Description	Qty
1	31-0962	R/FRU,PCBA,DMC Projet 2500 (DMC) (Dual Zone 2 umbilicals only)	1

48V POWER SUPPLY

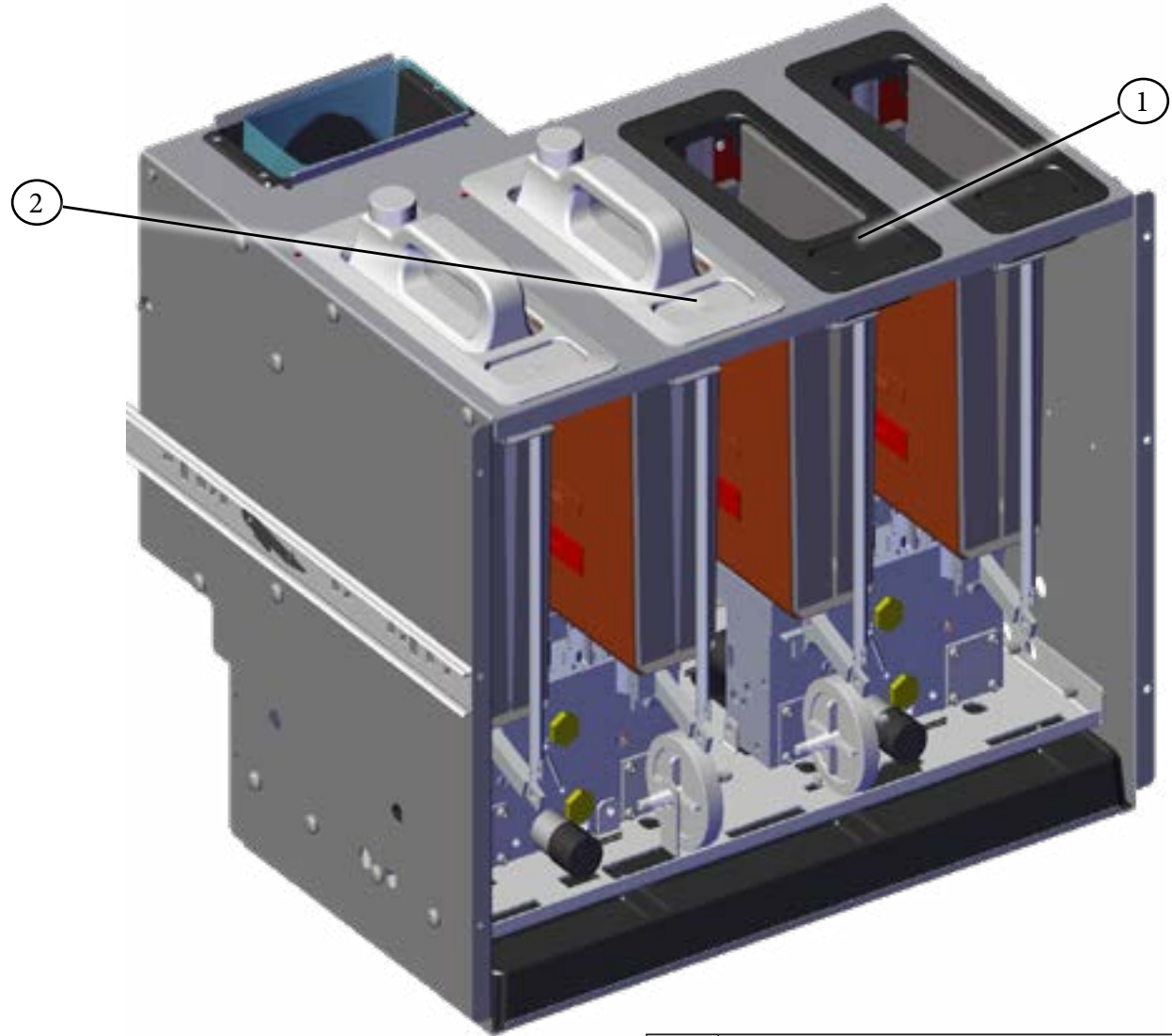


#	P/N	Description	Qty
1	311030-00	FRU, ASM AC Power Input Module	1



#	P/N	Description	Qty
1	310196-00	Power Supply, 48V	1

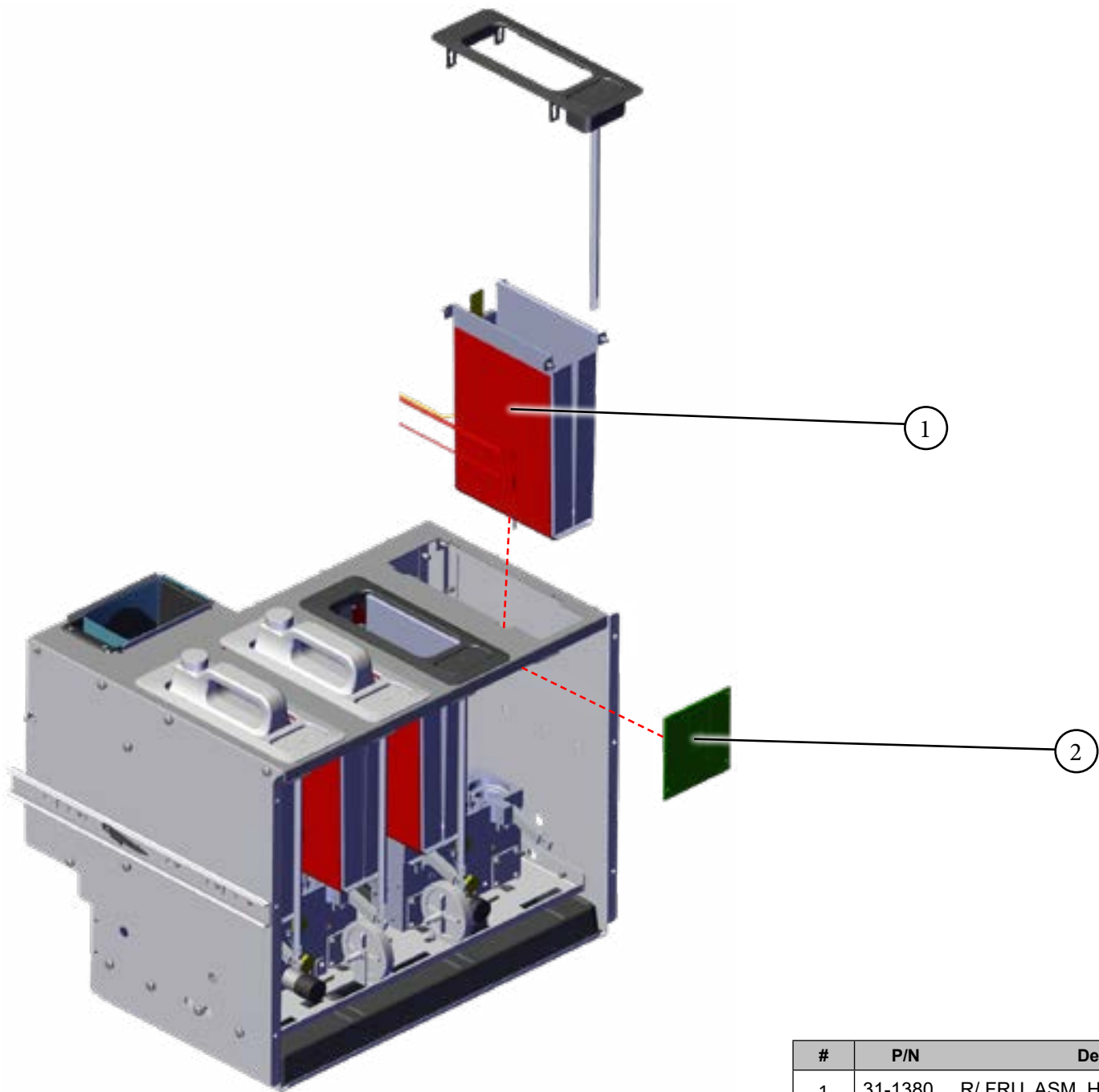
MDM DRAWER



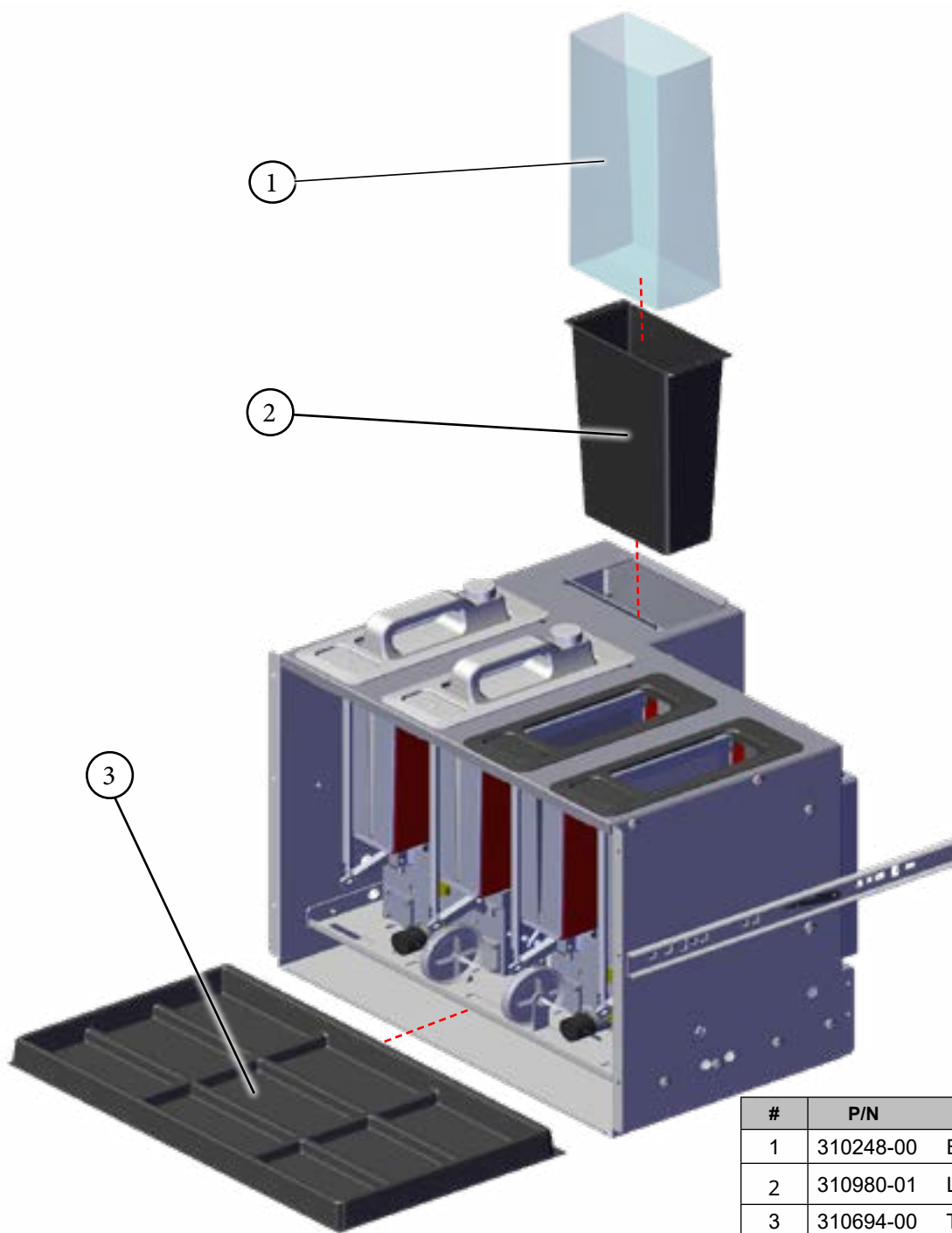
#	P/N	Description	Qty
1	310239-00	Bottle Release Button, Black	2
2	310695-00	Bottle Release Button, White	2
	311486-00	Bottle Release Button, Gray (Dual Zone Umbilical Only)	2



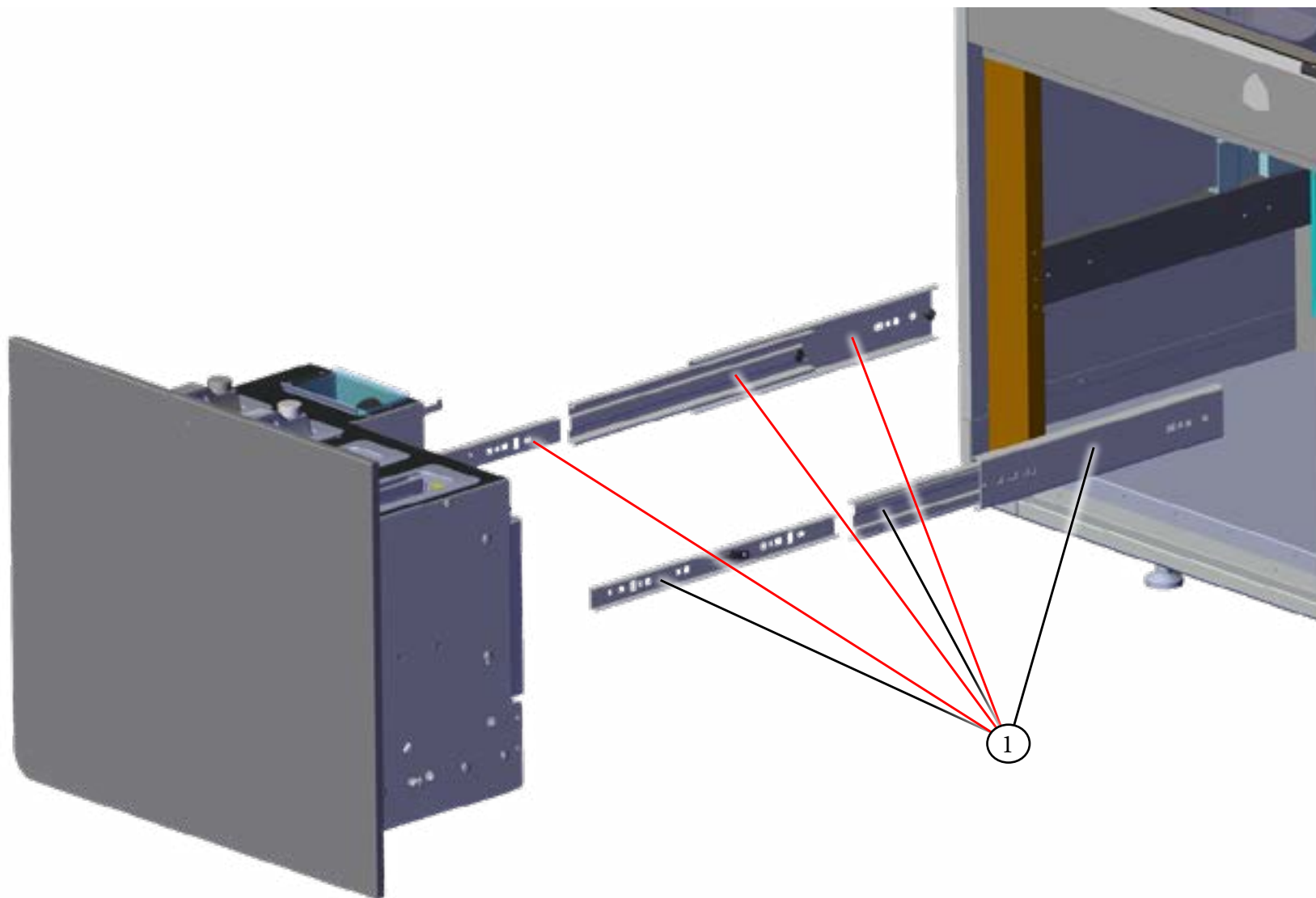
#	P/N	Description	Qty
1	31-1222	FRU, Solenoid ASM	1



#	P/N	Description	Qty
1	31-1380	R/ FRU, ASM, Heater, MDM	1
2	311027-00	/R FRU, RFID Board	1

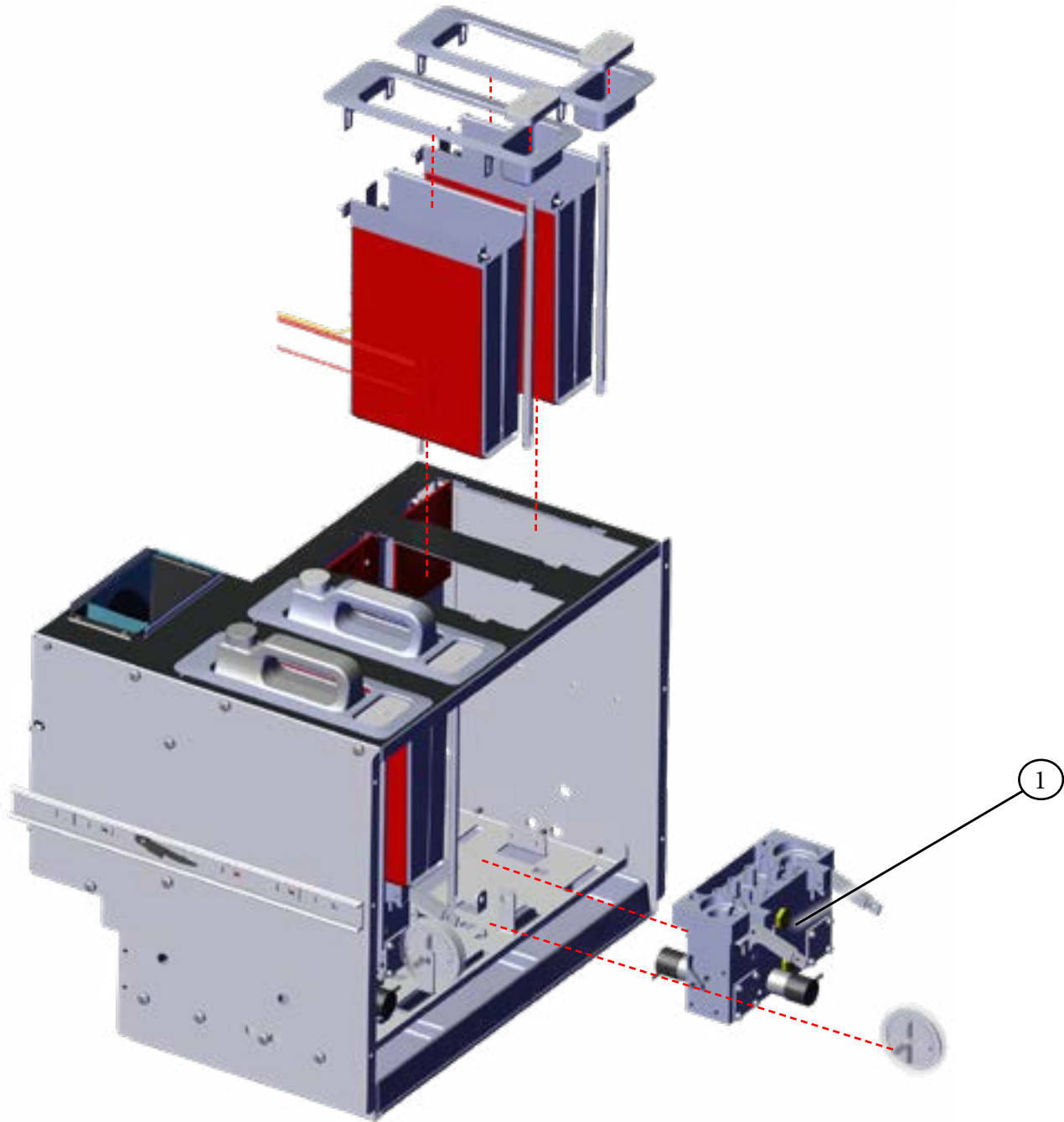


#	P/N	Description	Qty
1	310248-00	Bag, Waste, Head Maintenance	1
2	310980-01	Liner, Waste	1
3	310694-00	Tray, MD Waste Overflow	1

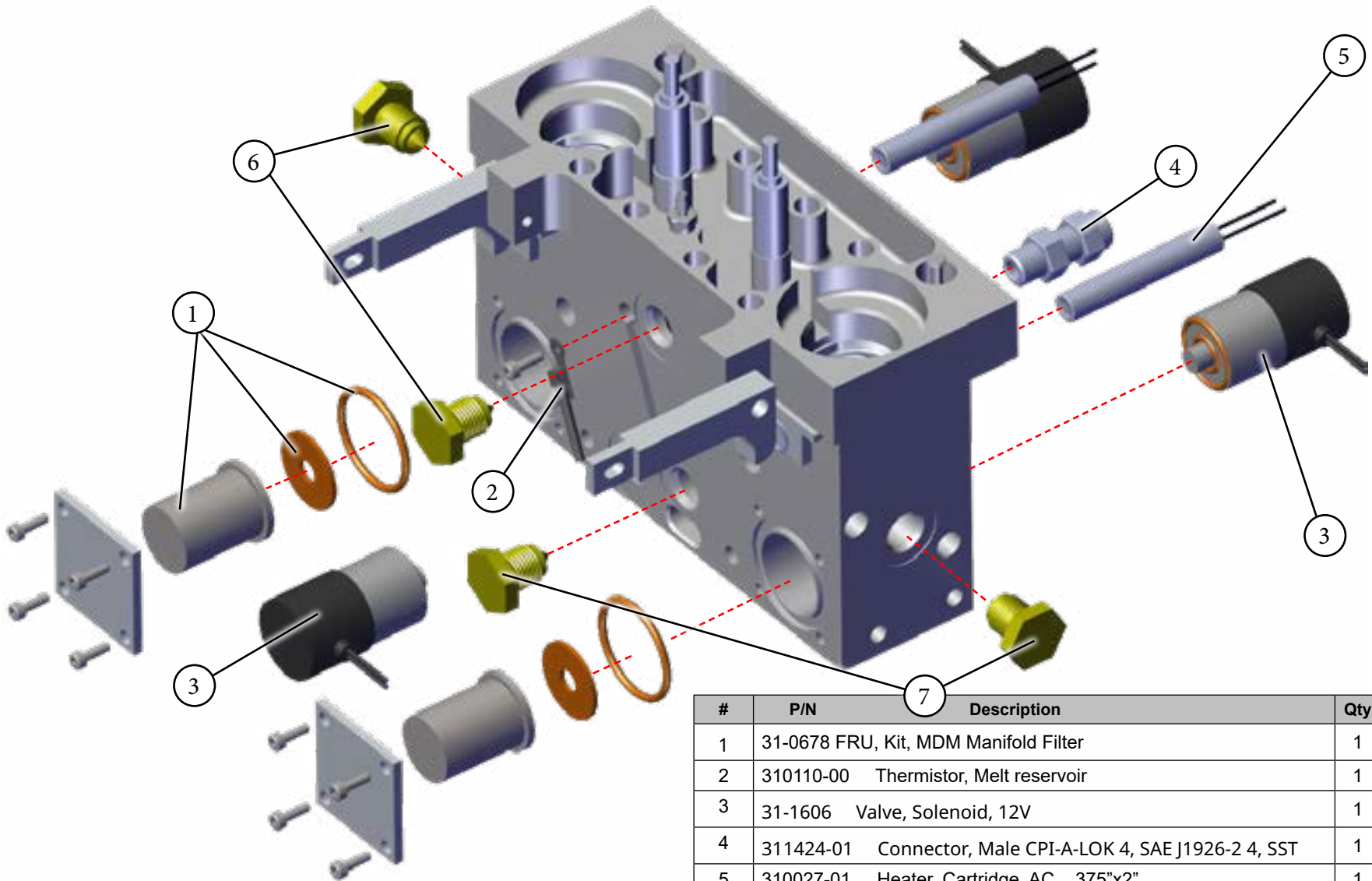


#	P/N	Description	Qty
1	292257-00	Drawer Slides, (set)	1

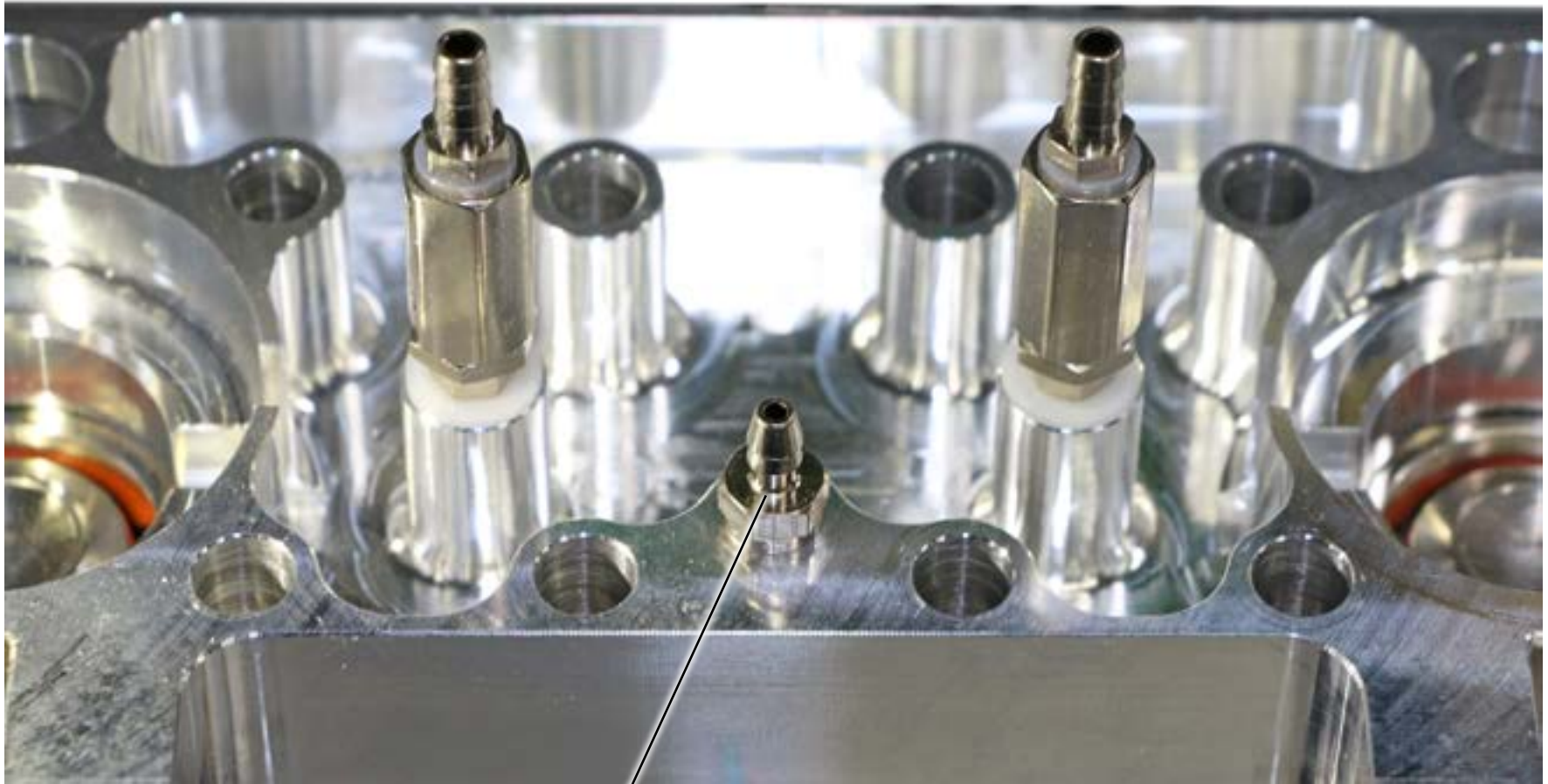
MDM MANIFOLD



#	P/N	Description	Qty
1	311036-01	/R FRU, MDM Manifold Assembly	1



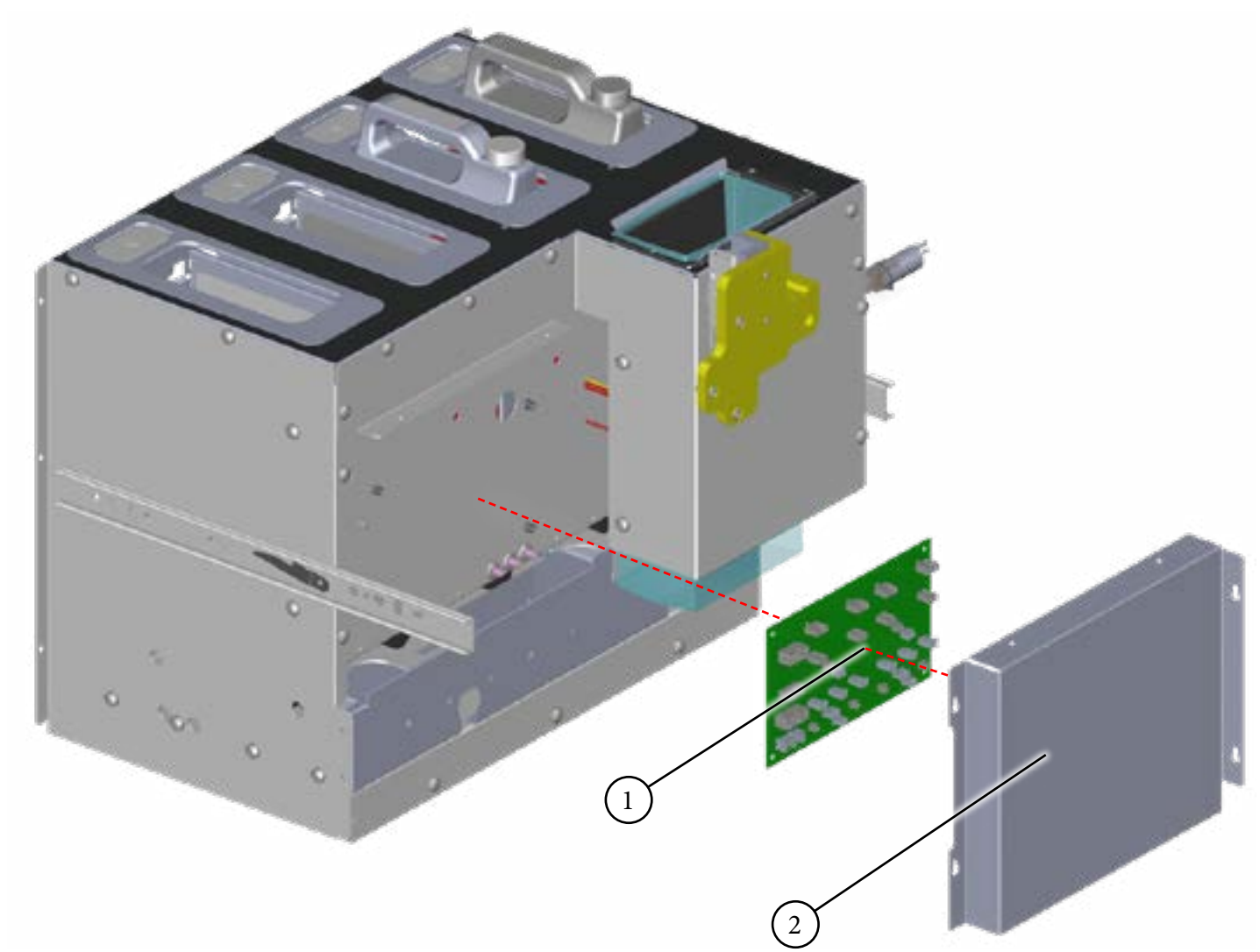
#	P/N	Description	Qty
1	31-0678	FRU, Kit, MDM Manifold Filter	1
2	310110-00	Thermistor, Melt reservoir	1
3	31-1606	Valve, Solenoid, 12V	1
4	311424-01	Connector, Male CPI-A-LOK 4, SAE J1926-2 4, SST	1
5	310027-01	Heater, Cartridge, AC, .375"x2"	1
6	31-2213	Optical level sense, upper	2
7	31-2214	Optical level sense, lower	2



1

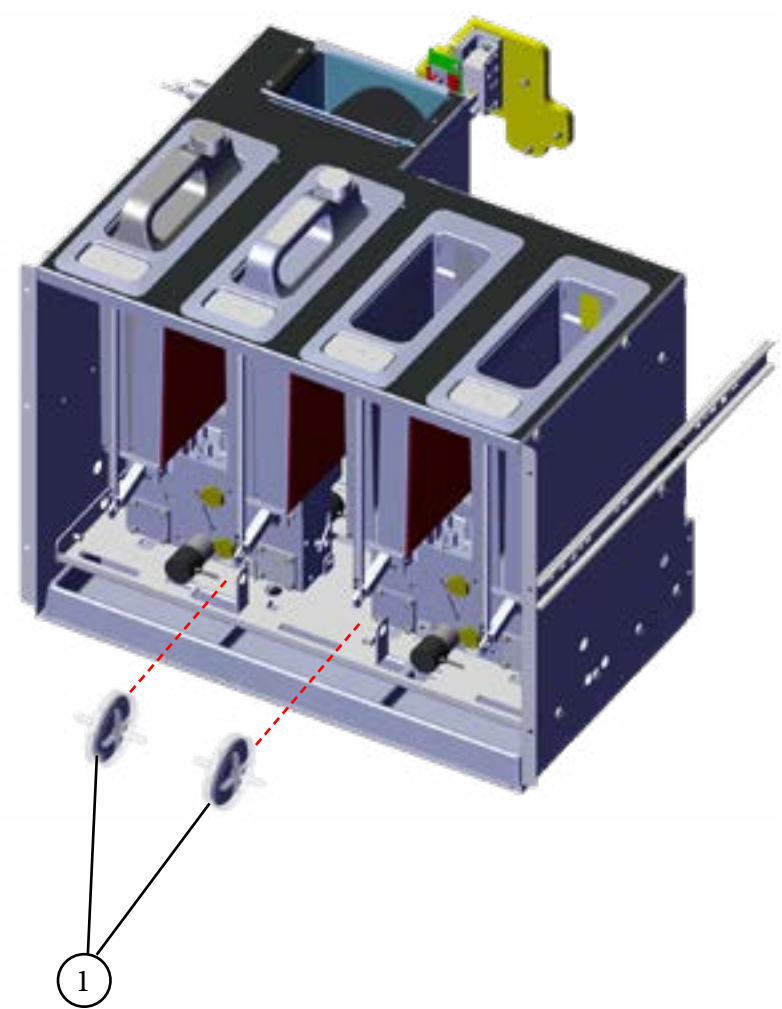
#	P/N	Description	Qty
1	310441-00	Single Barb Hose Fitting, #10-32 to 1/8" ID, Electroless Nickel Plated	1

MDM INTERCONNECT

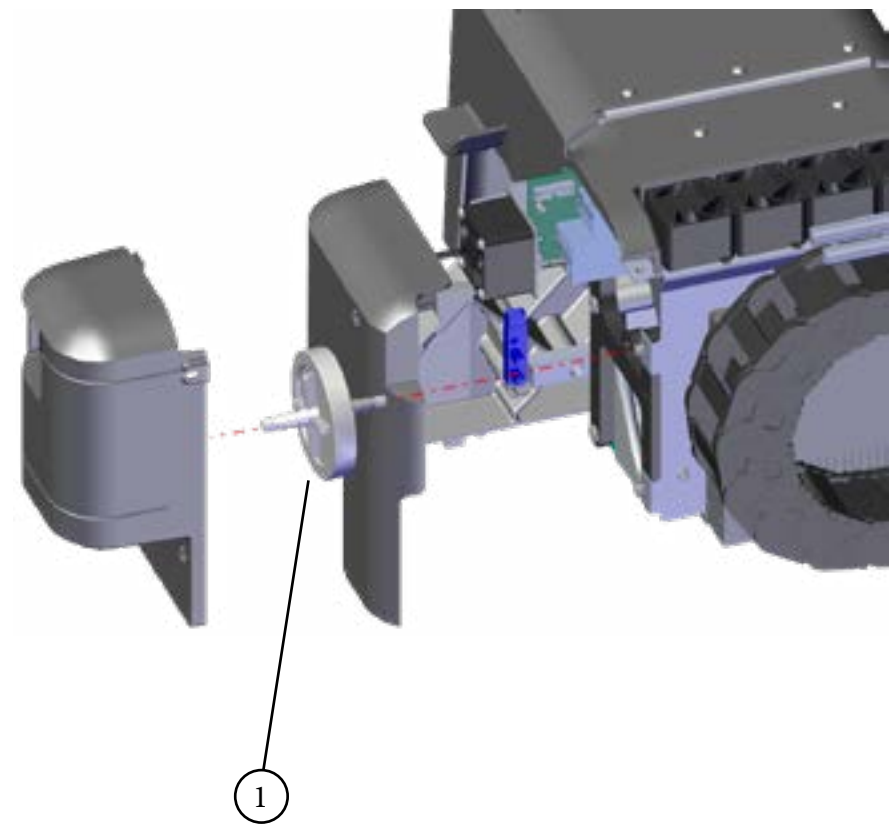


#	P/N	Description	Qty
1	311028-00	/R, FRU, Board, MDM Interconnect Board	1
2	310875-00	Panel, Service MDM	1

INLINE AIR FILTER



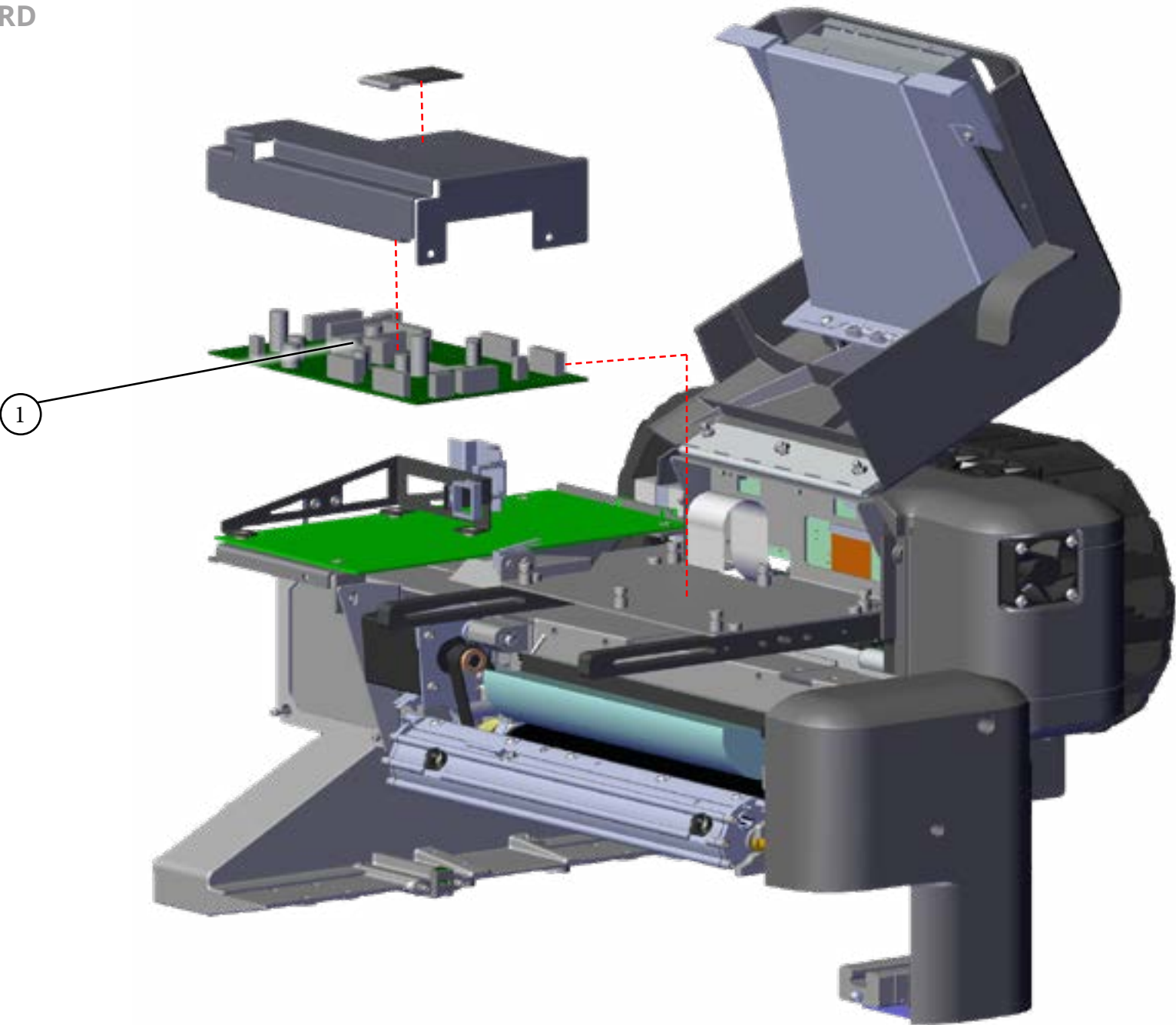
MDM Manifold Filter



Printhead Filter

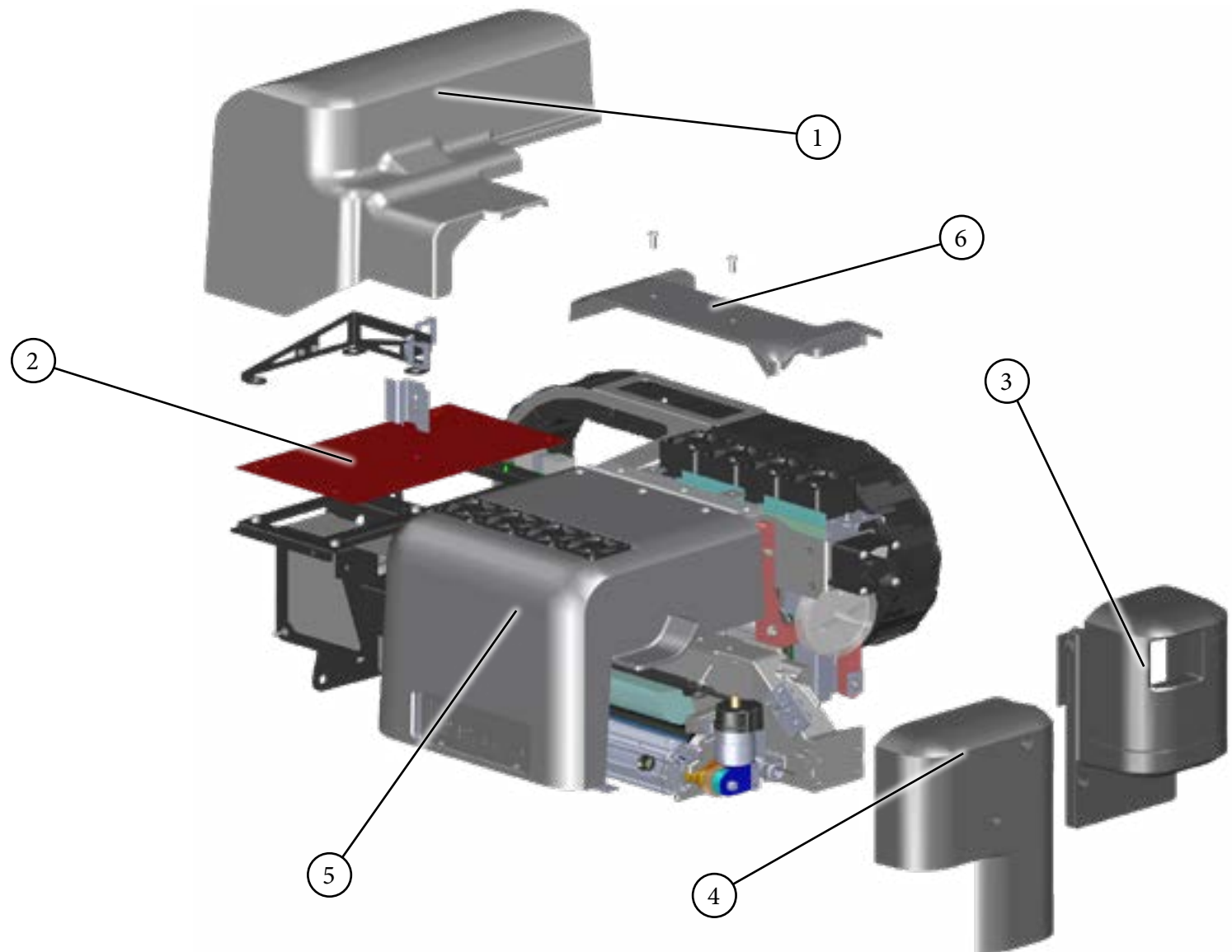
#	P/N	Description	Qty
1	310990-00	Inline Air Filter, .02 micron PTFE	1

PDAC BOARD



#	P/N	Description	Qty
1	31-0970	/R, FRU, PDAC Board	1

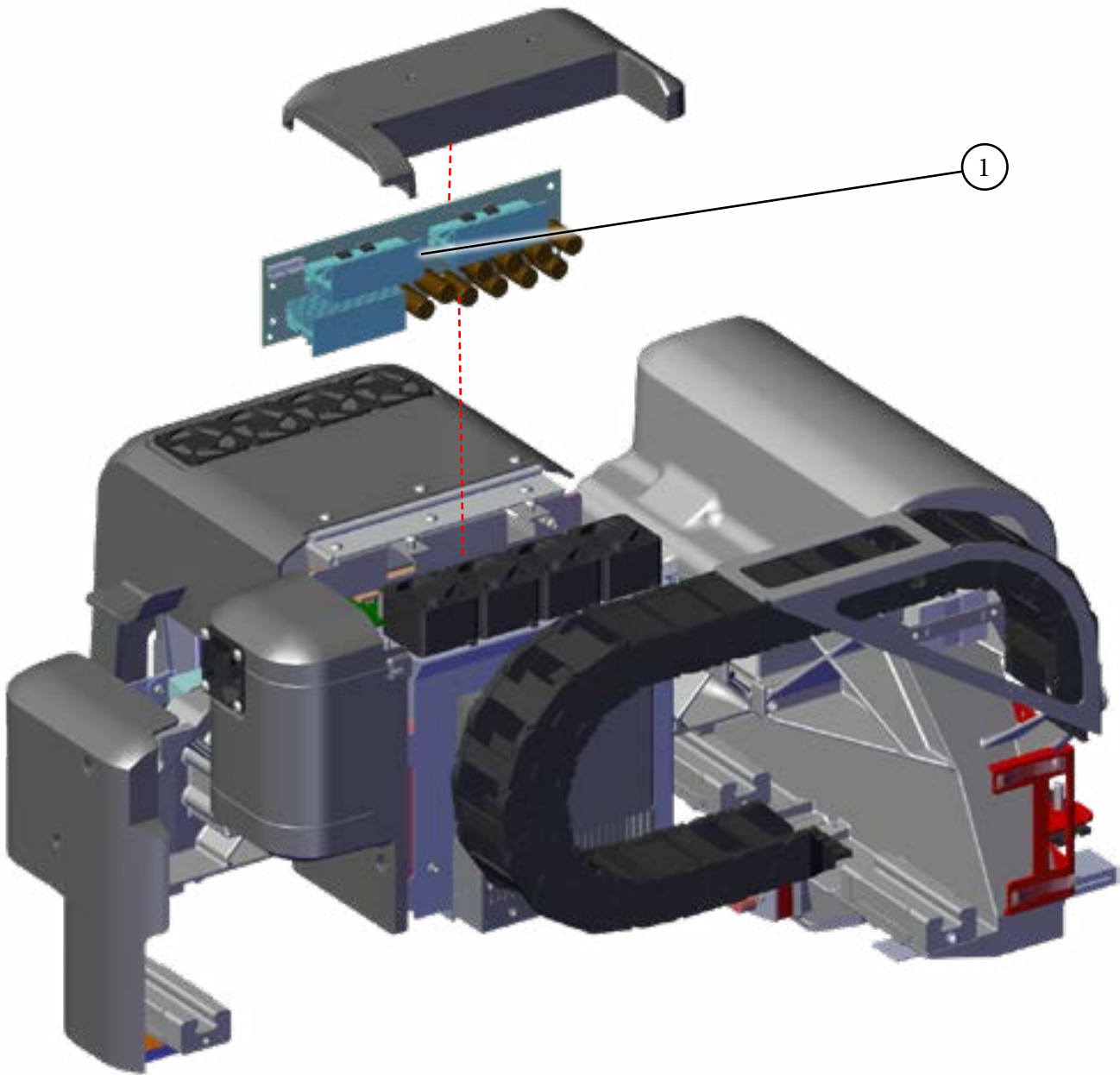
CARRIAGE BOARD & COVERS



#	P/N	Description	Qty
1	31-1897	Cover, X-Axis, Rear, Top Mount	1
2	311024-00	/R FRU Asm, Board, Carriage	1
3	310811-00	Cover, Right YA Carriage	1
4	310675-02	Cover, Carriage front	1

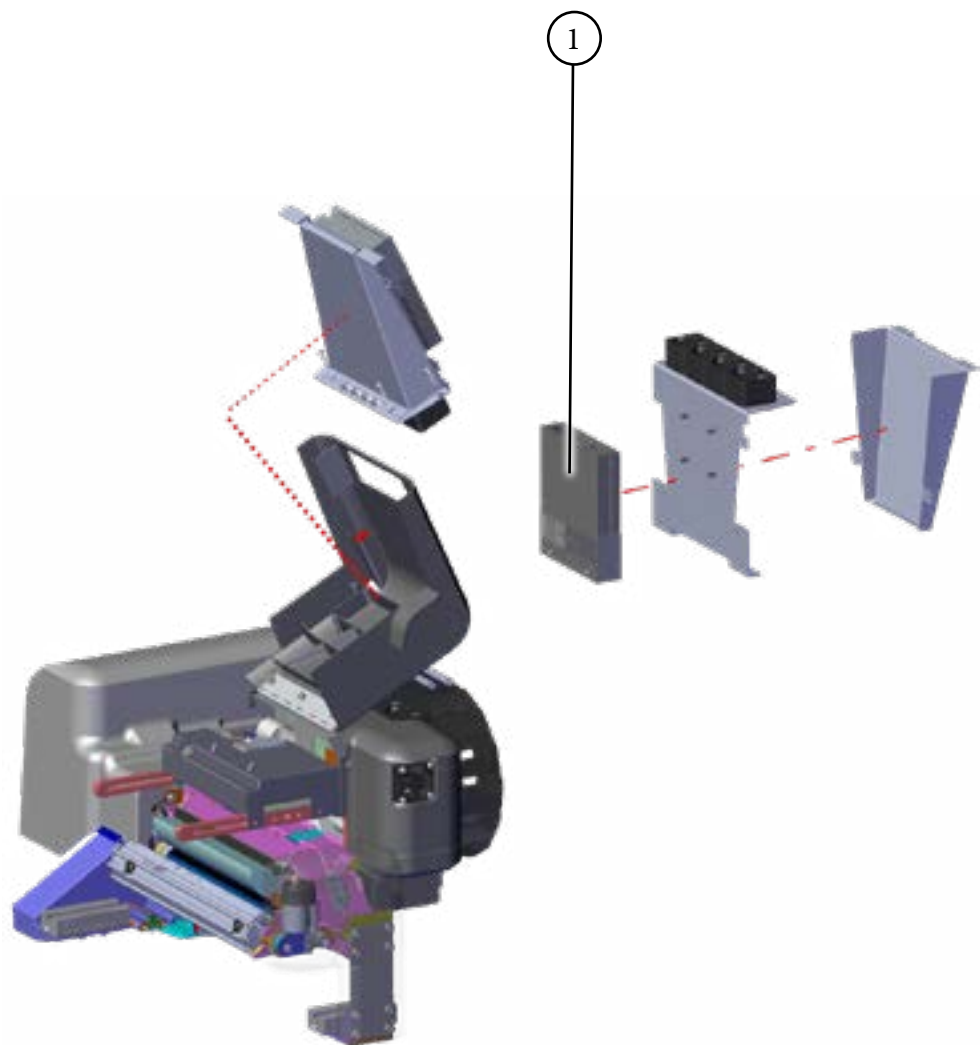
#	P/N	Description	Qty
5	31-0561	FRU, Cover, Left YA Carriage (ProJet 2500)	1
5	31-0967	FRU, Cover, Left YA Carriage (Dual Zone Umbilical Only)	1
6	311104-00	Cover, Right, YA Carriage, Rear	1

WAVEAMP

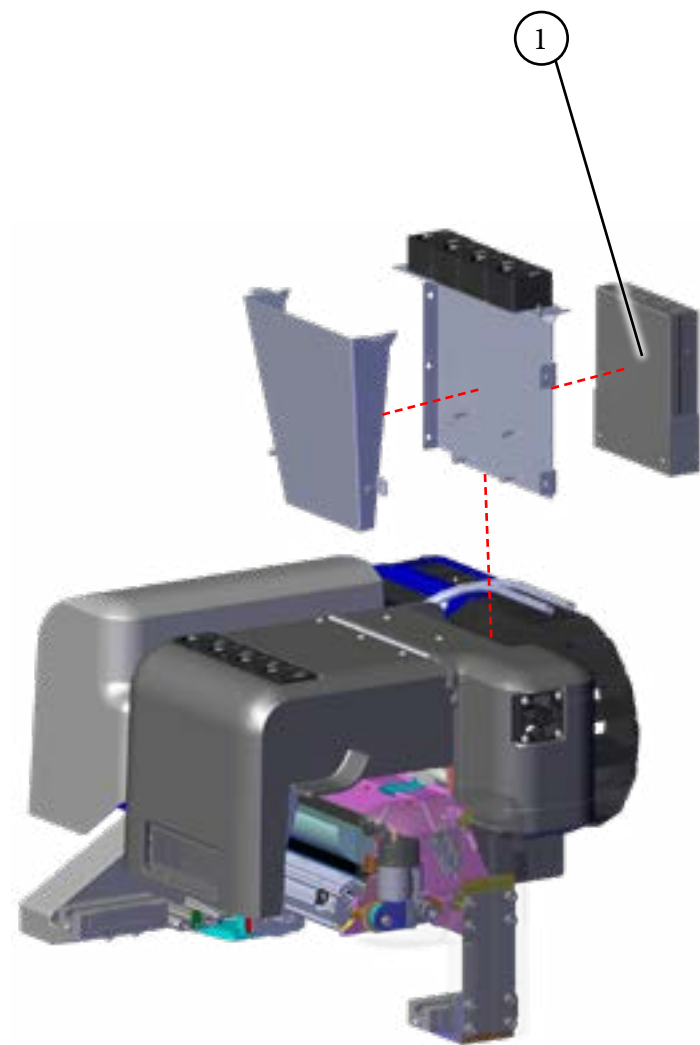


#	P/N	Description	Qty
1	31-1689	WaveAmp	1

UV ASSEMBLY



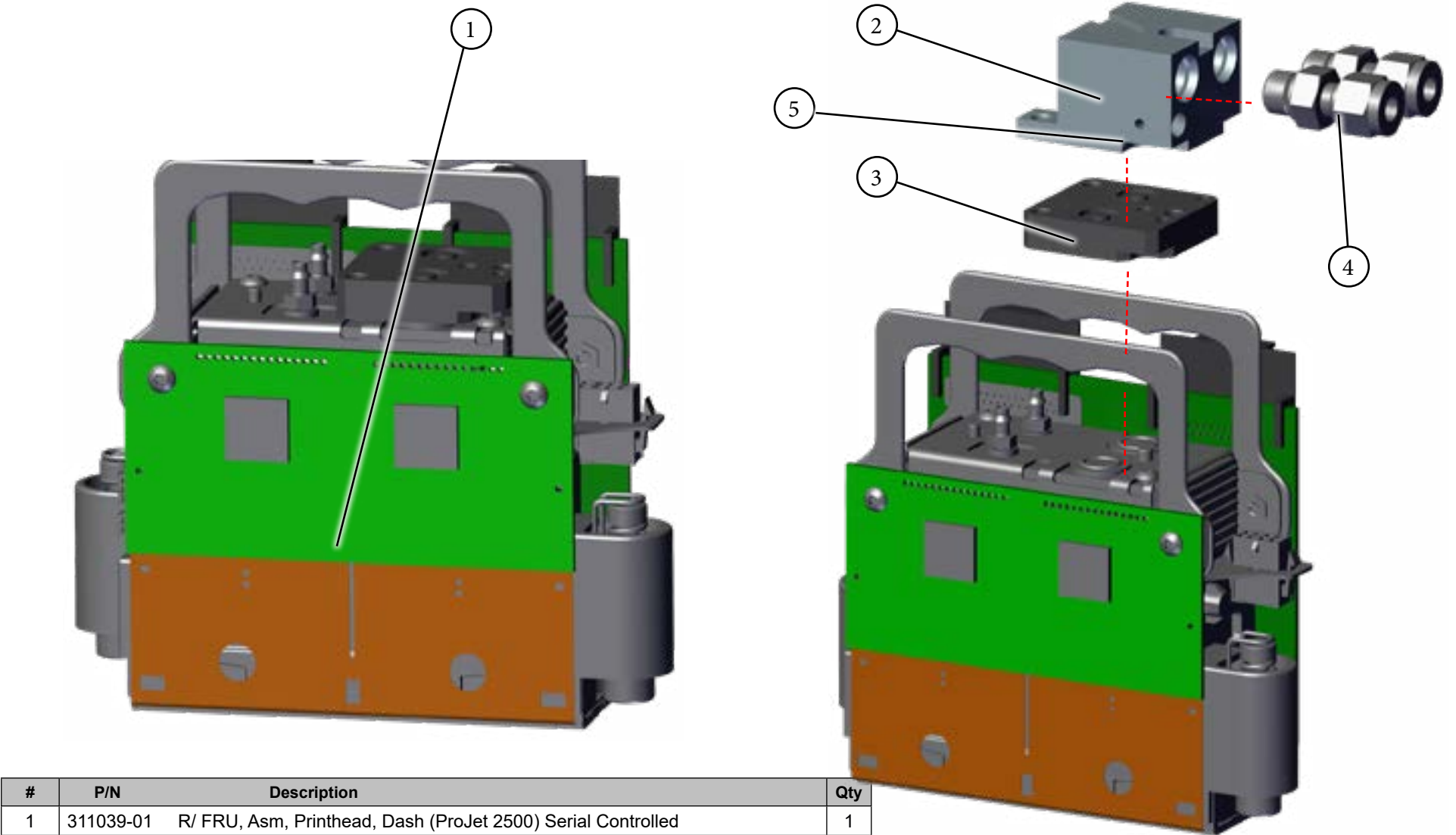
UV Left Assembly



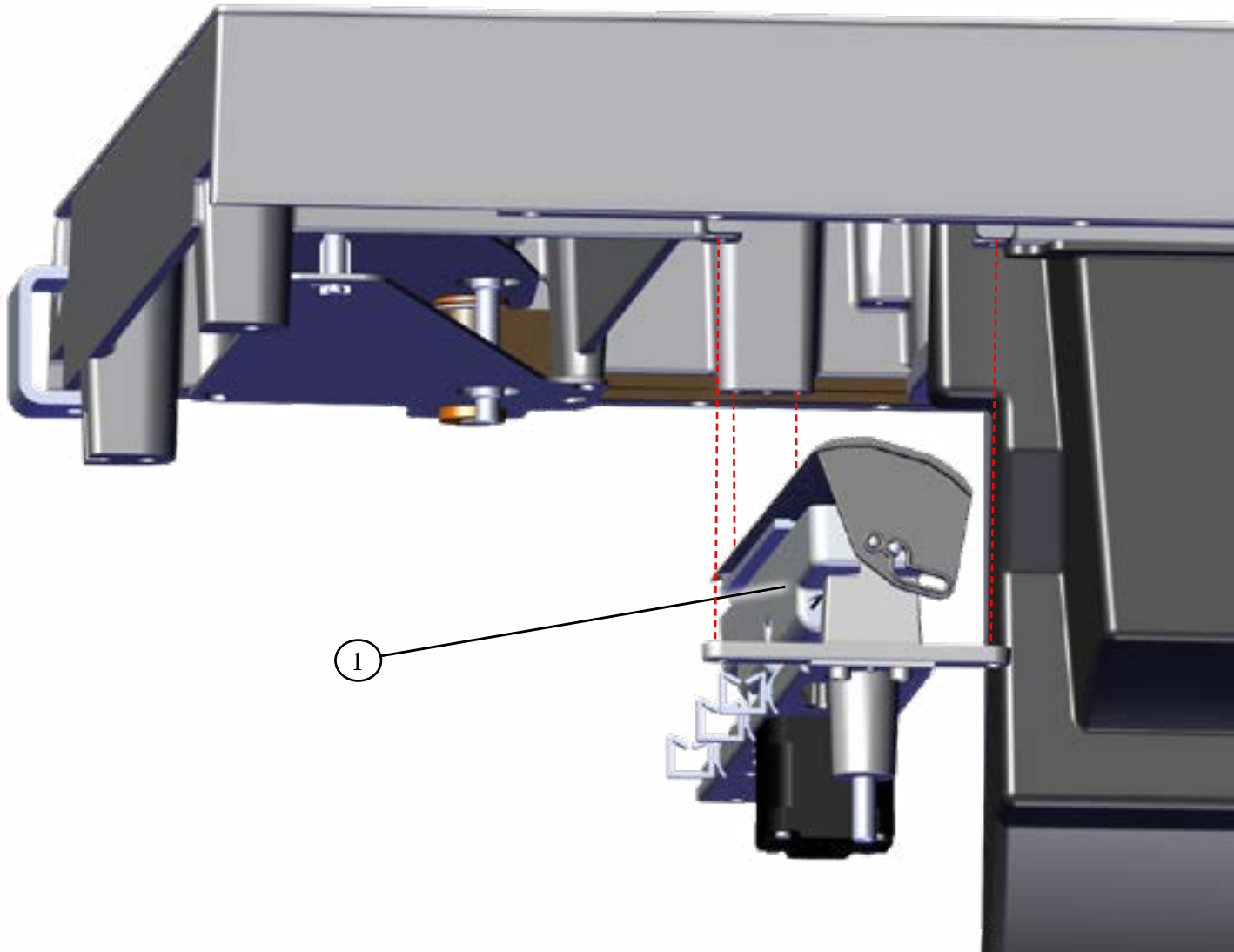
UV Right Assembly

#	P/N	Description	Qty
1	311038-00	/R FRU, Asm, UV Lamp, ProJet 2500	1

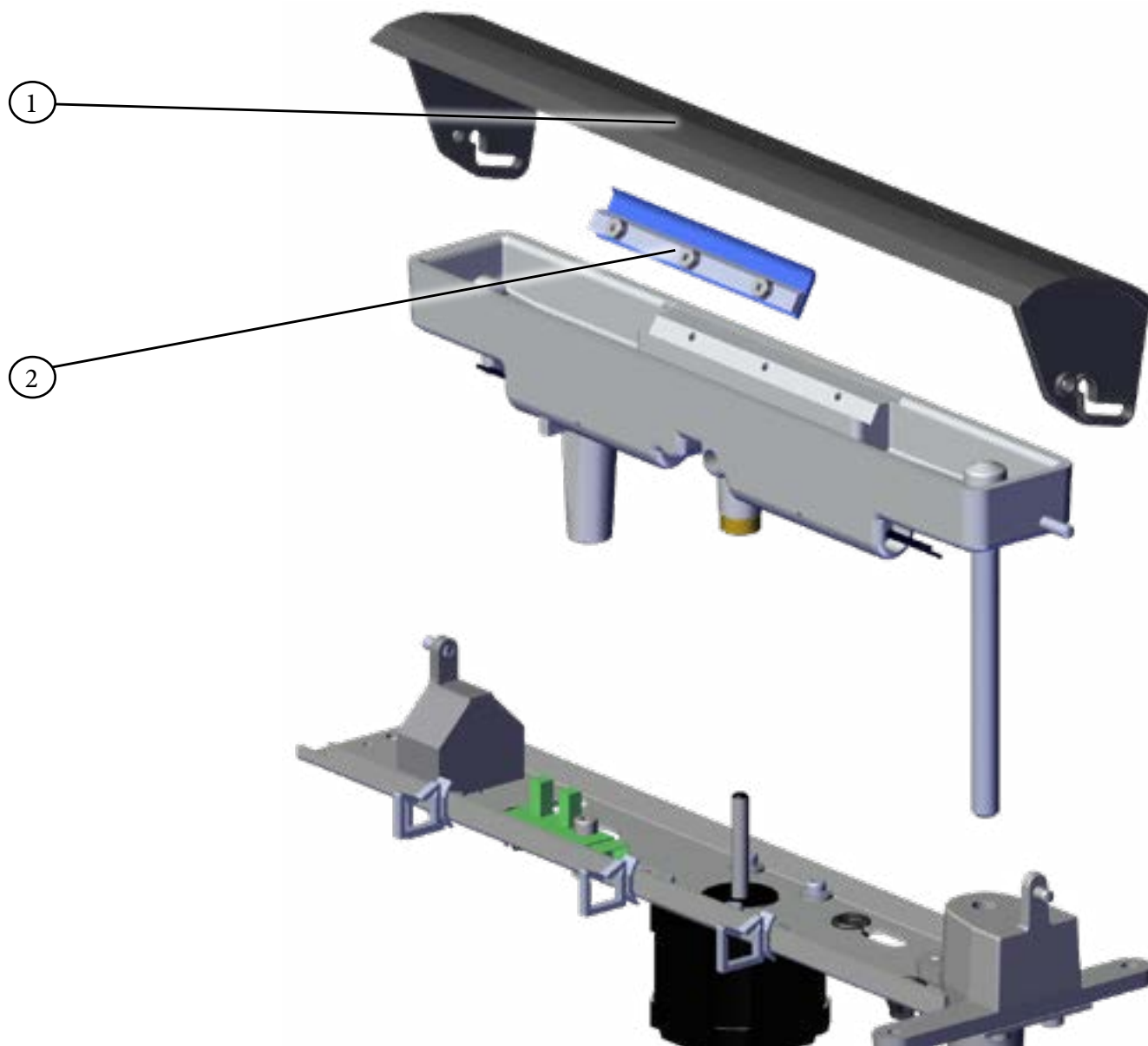
PRINTHEAD



#	P/N	Description	Qty
1	311039-01	R/ FRU, Asm, Printhead, Dash (ProJet 2500) Serial Controlled	1
1	31-1434	R/ FRU, Asm, Printhead ProJet 2500W,Serial Controlled	1
1	31-1448	R/FRU,Asm, Printhead ProJet 2500IC, Serial Controlled	1
2	310510-00	ASM Upper Inlet Block	1
3	311093-00	FRU, ASM, Mercury Printhead External Filter	1
4	311424-01	Connector, Male CPI-A-LOK 4, SAE J1926-2 4, SST	2
5	310468-01	Heater, Upper Inlet Block	1



#	P/N	Description	Qty
1	311040-00	FRU, Trough and wiper assy, HM	1



#	P/N	Description	Qty
1	310014-00	Cover, HM	1
2	31-0562	FRU, Wiper ASM	1



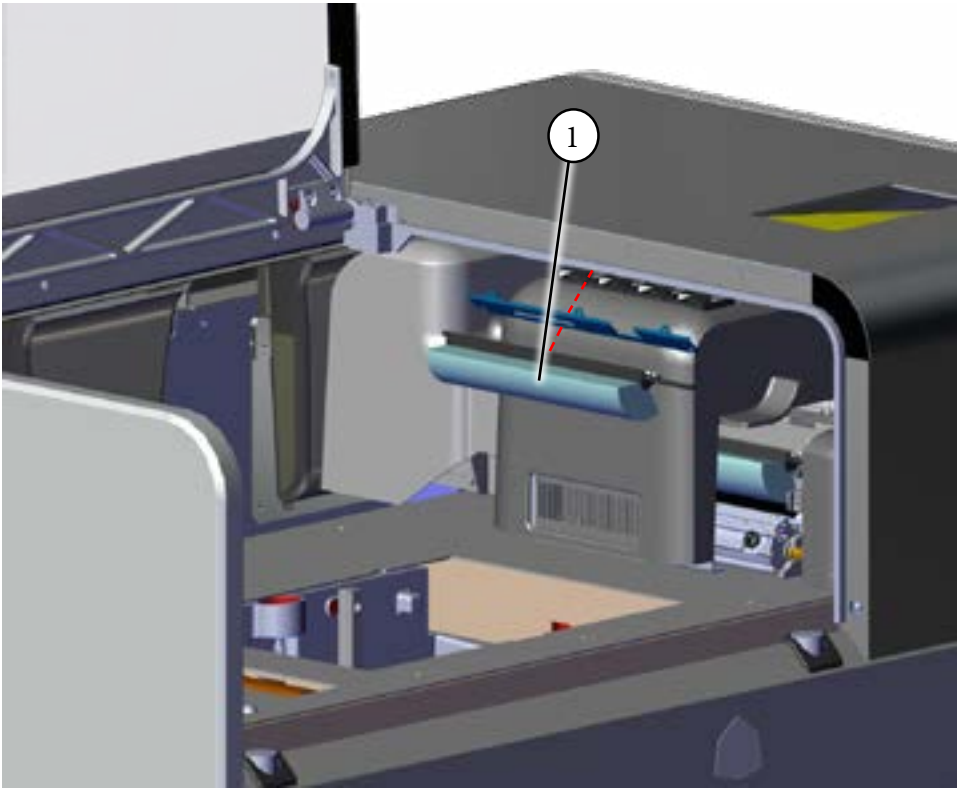
Waste Trough ASM



MDM Manifold ASM

#	P/N	Description	Qty
1	311074-01	Asm, TCO with sleeve	1

LED



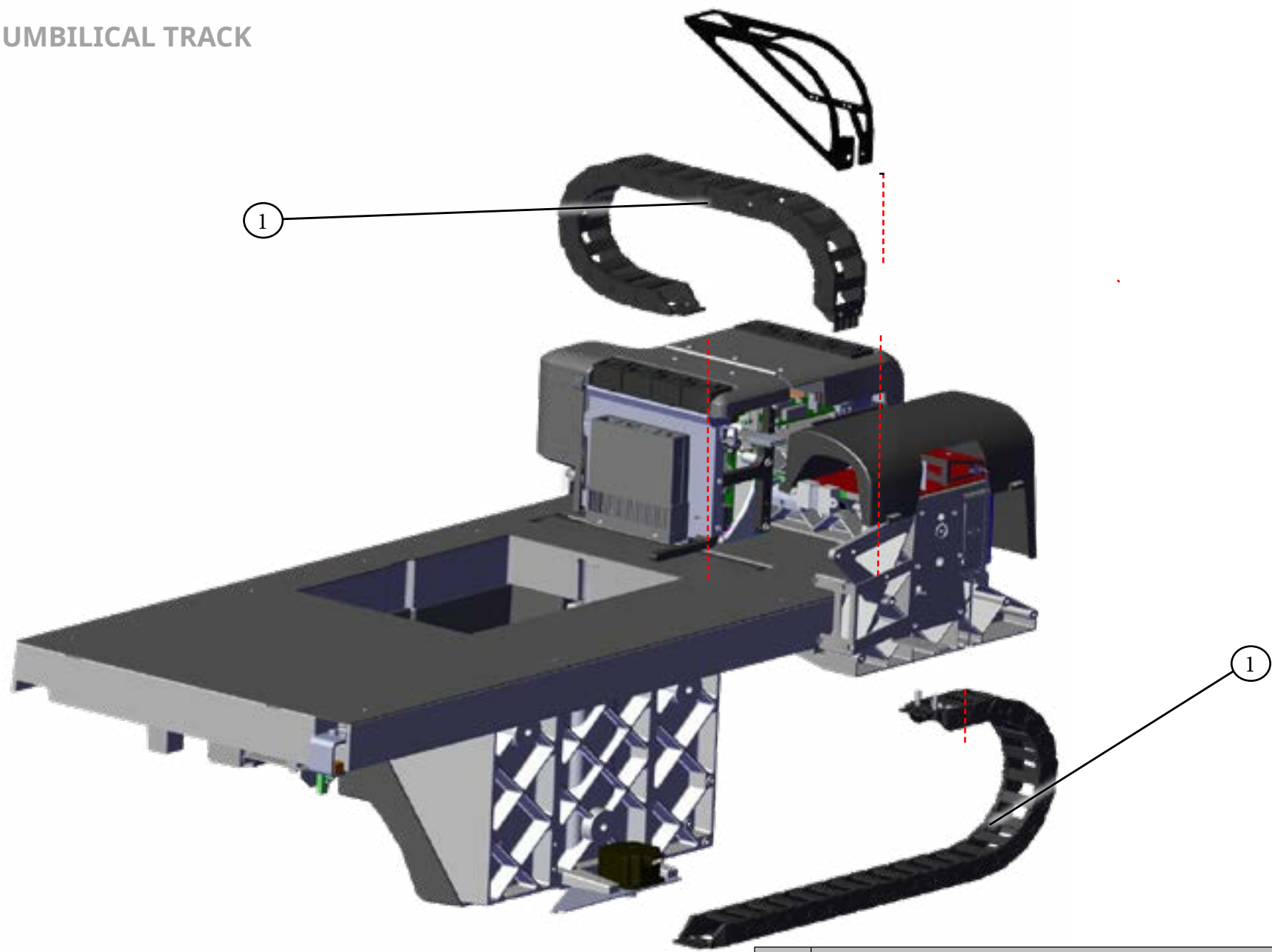
Doghouse LED



Planarizer LED

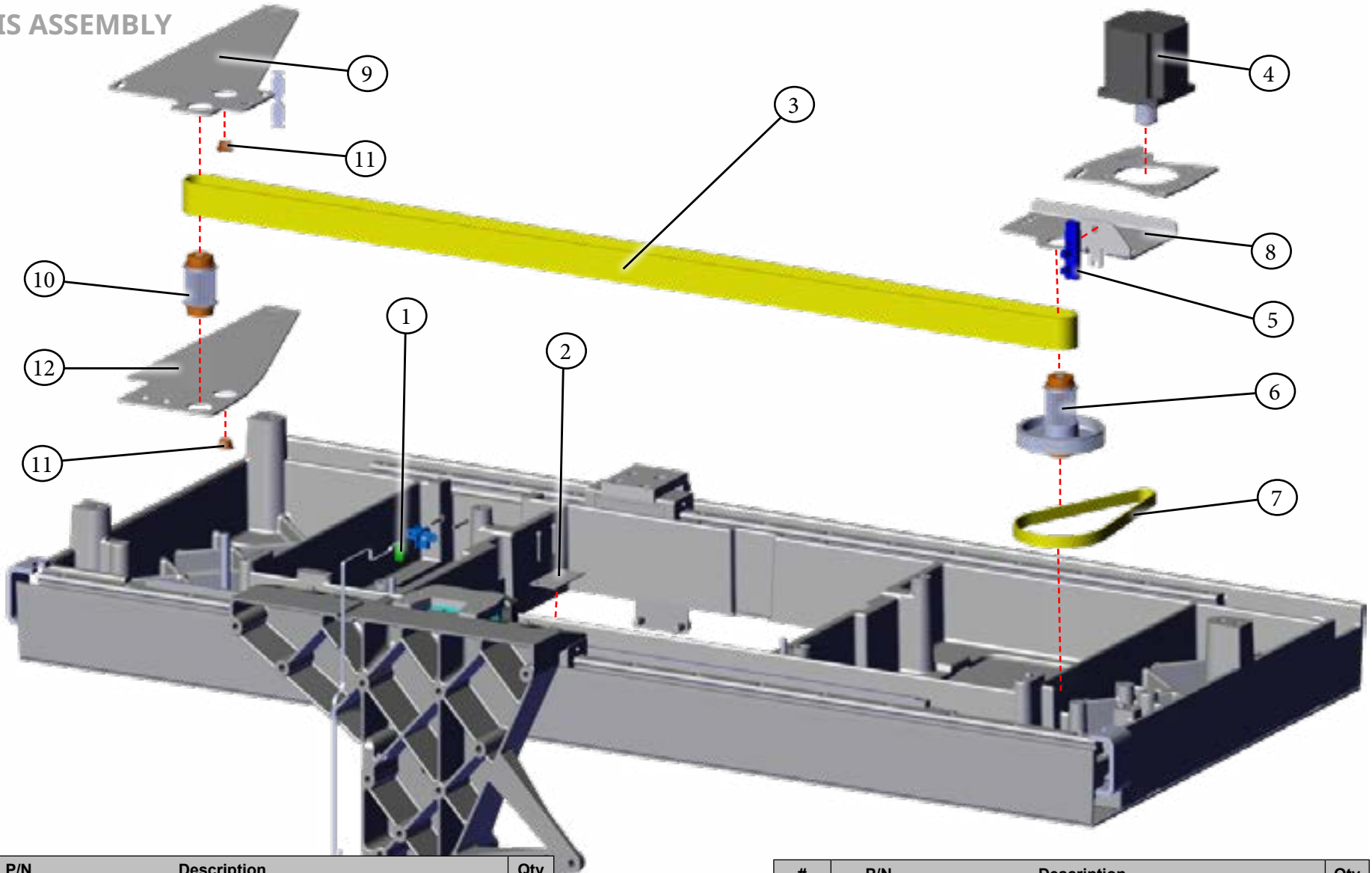
#	P/N	Description	Qty
1	310515-00	LED-Bar, Planarizer, Bivar	1

UMBILICAL TRACK



#	P/N	Description	Qty
1	311034-01	R/ FRU, Umbilical Track, (ProJet 2500 & 2500 Plus) Single Zone	1
1	31-0961	FRU, Umbilical Track, ProJet 2500Plus / 2500W Dual Zone	1

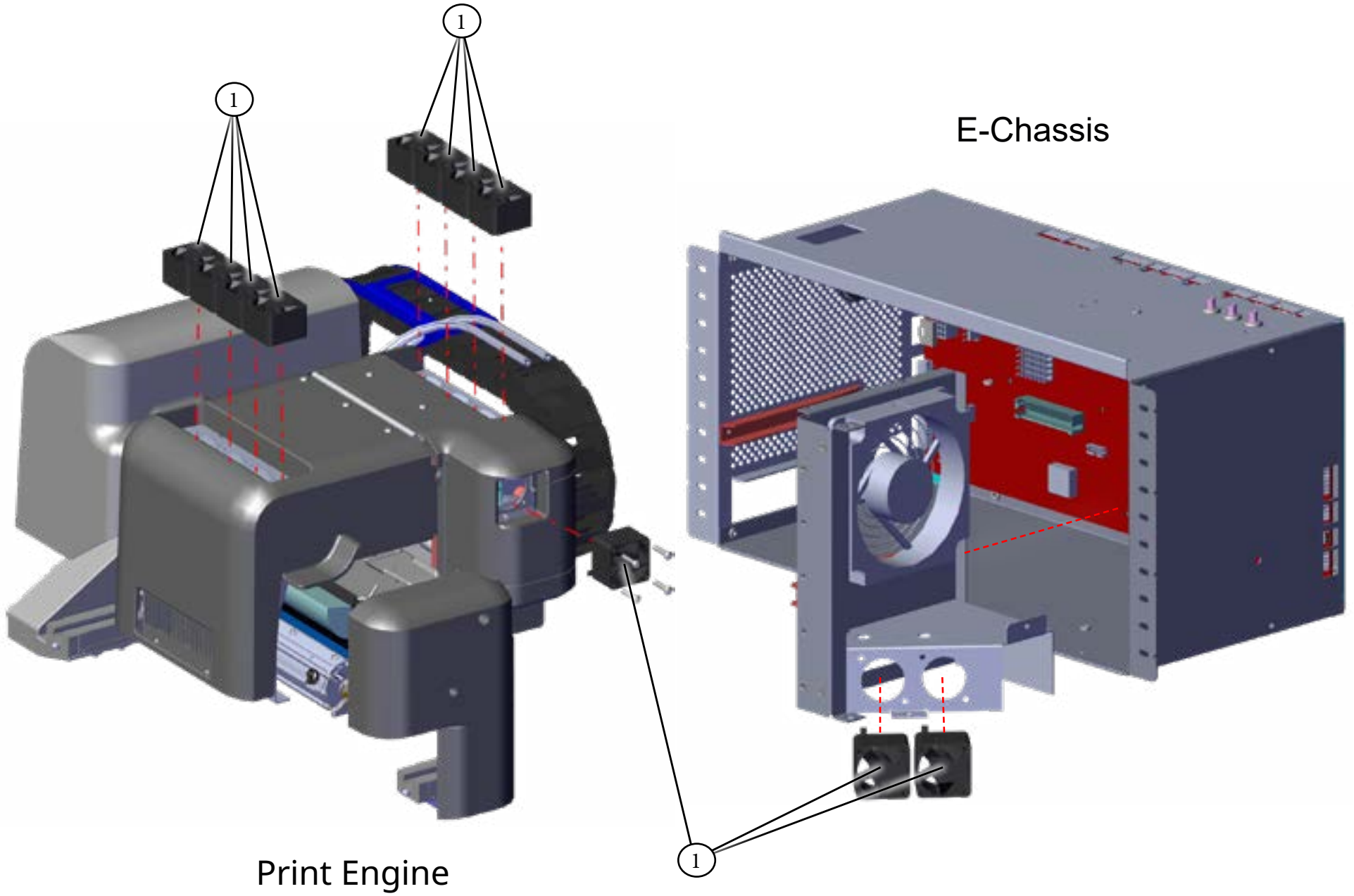
X-AXIS ASSEMBLY



#	P/N	Description	Qty
1	311033-00	FRU, Encoder, Magnetic Reader	1
2	310300-00	Flag, Home Sensor	1
3	310040-00	Belt, Drive, Carriage, X-Axis	1
4	310974-01	Asm, Motor, X-Axis	1
5	310023-00	Sensor, Homing	1
6	310467-00	Asm, Pulley, Compound	1

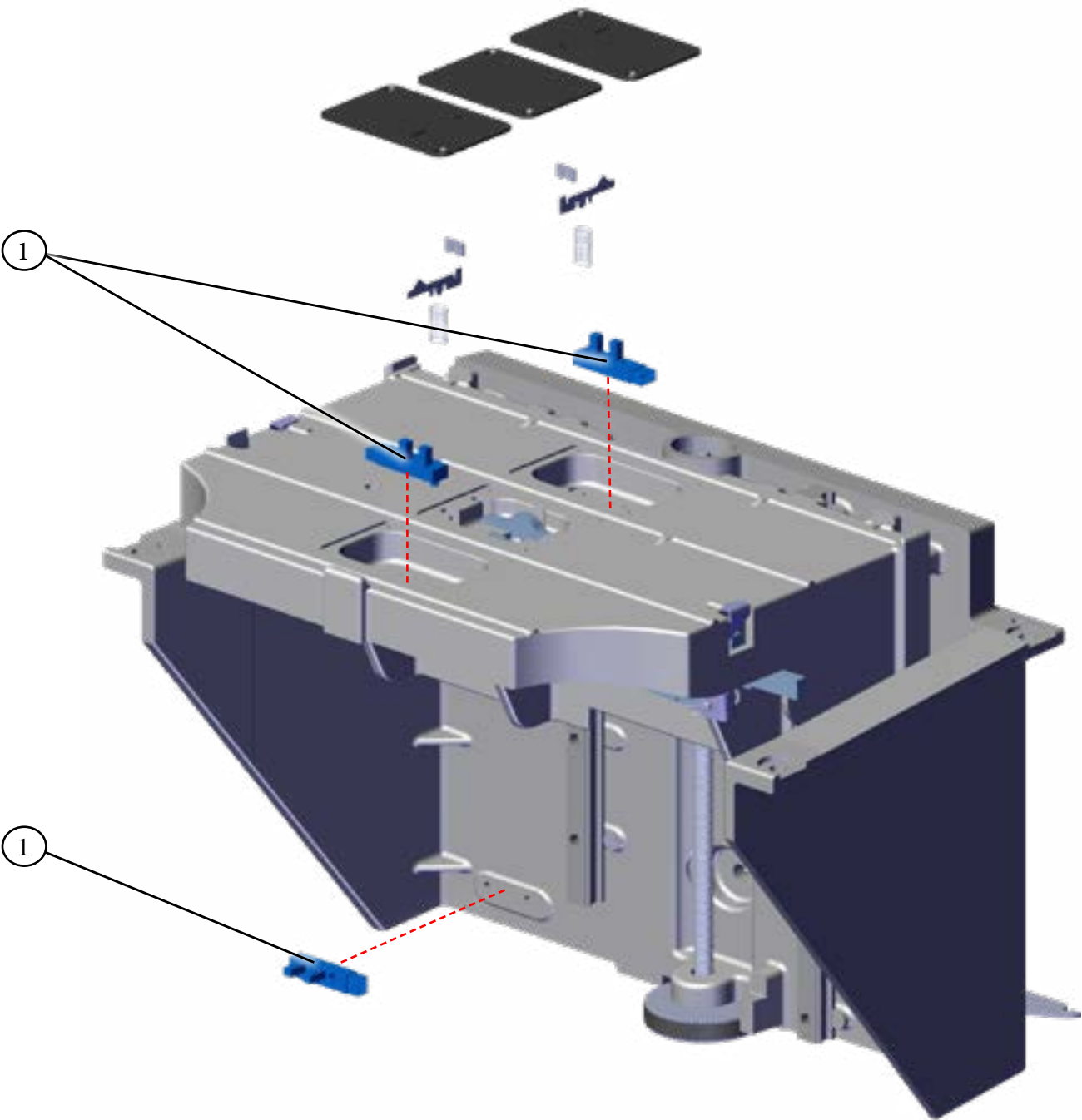
#	P/N	Description	Qty
7	310041-00	Belt, Motor, X-Axis	1
8	310538-01	Asm, Bracket Pulley, Compound, X-Axis	1
9	310296-02	Plate, Tensioner, Belt, Carriage, X-Axis, B	1
10	310460-00	Asm, Pulley, Idler, X-Axis	1
11	310659-02	Bushing, Oilite, X-Axis	1
12	310044-02	Plate, Tensioner, Belt, Carriage, X-Axis, A	1

40MM FANS

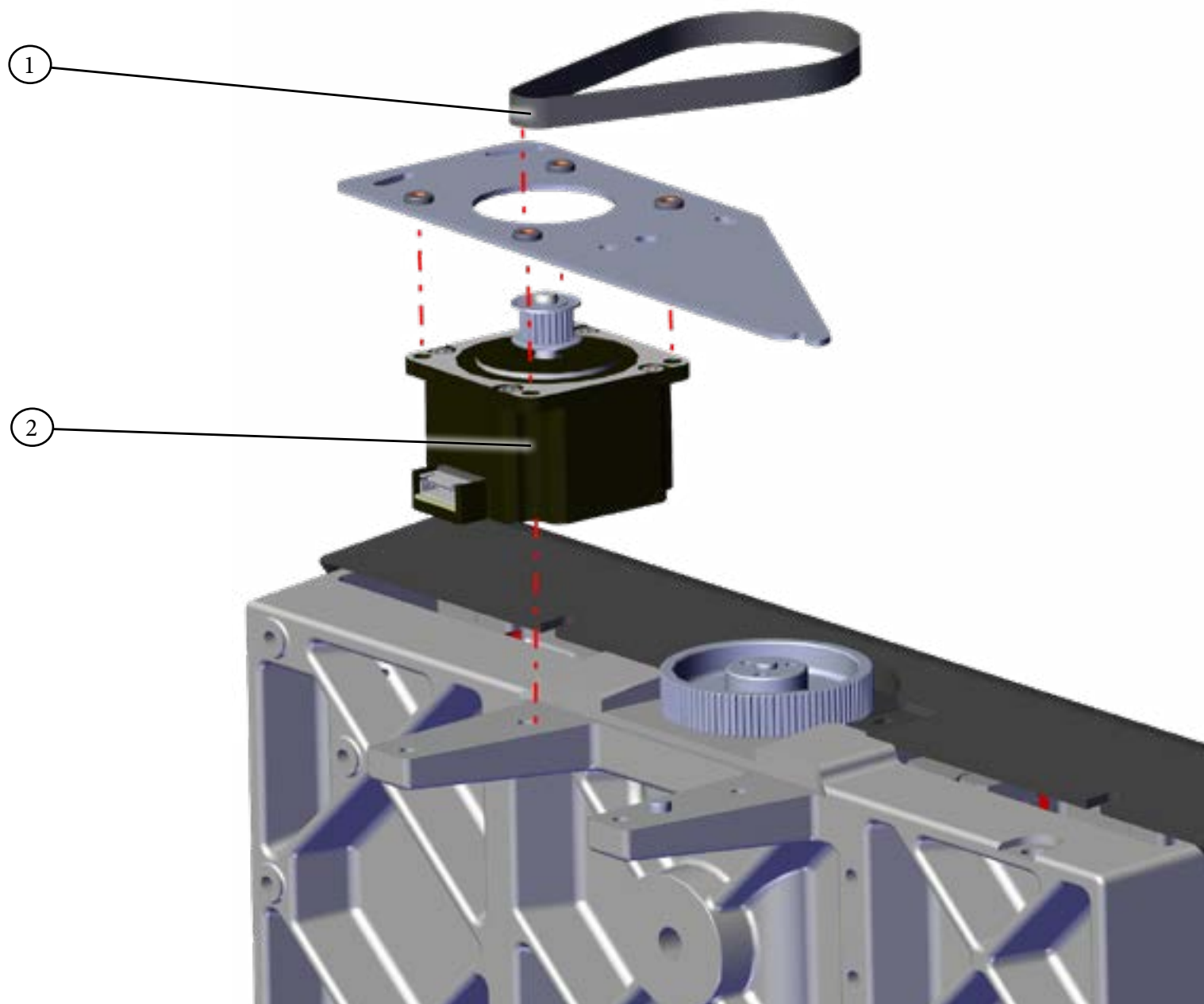


#	P/N	Description	Qty
1	310316-01	Fan, 40mm x 28mm	1

Z-AXIS

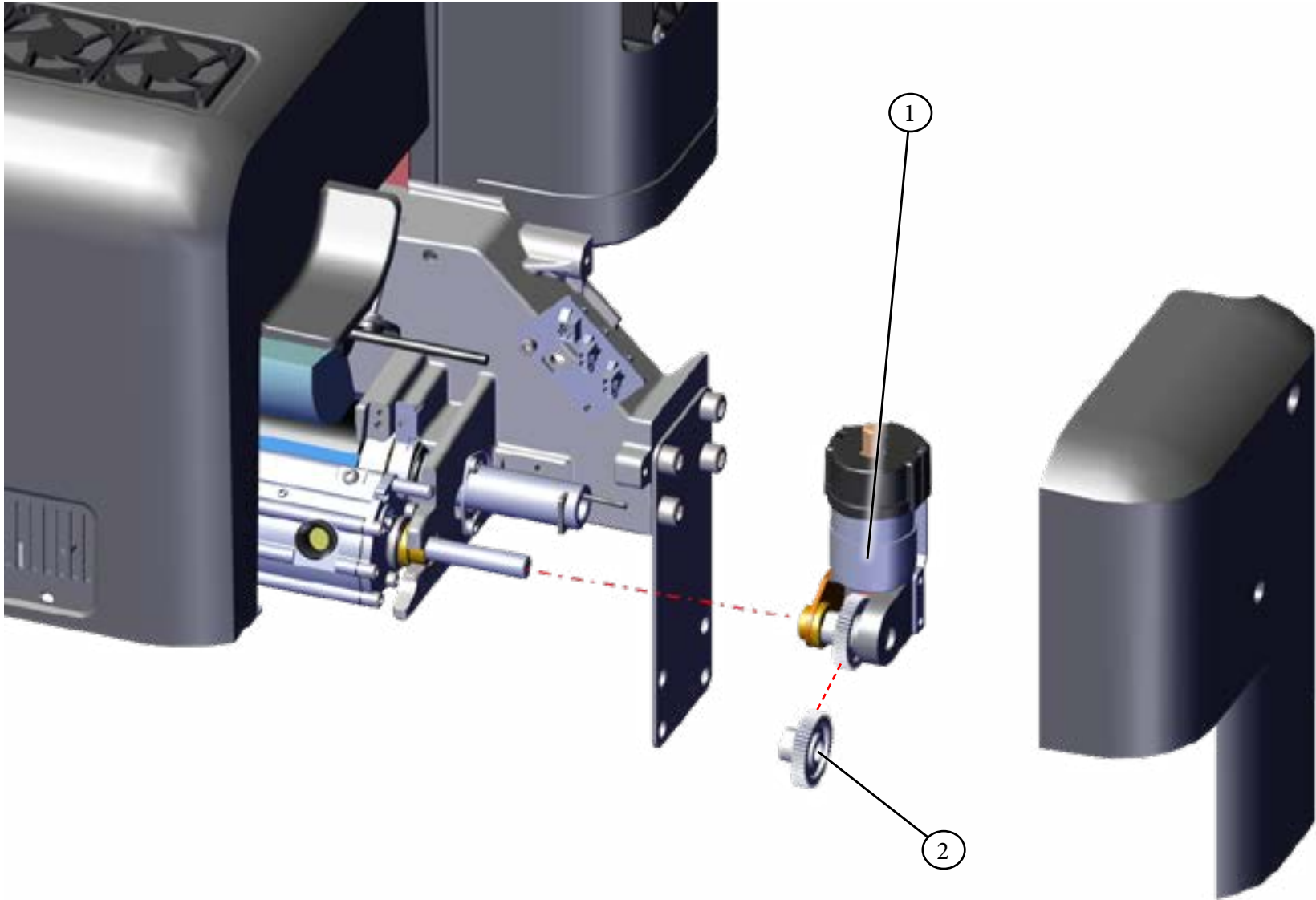


#	P/N	Description	Qty
1	310023-00	Sensor, Homing	1



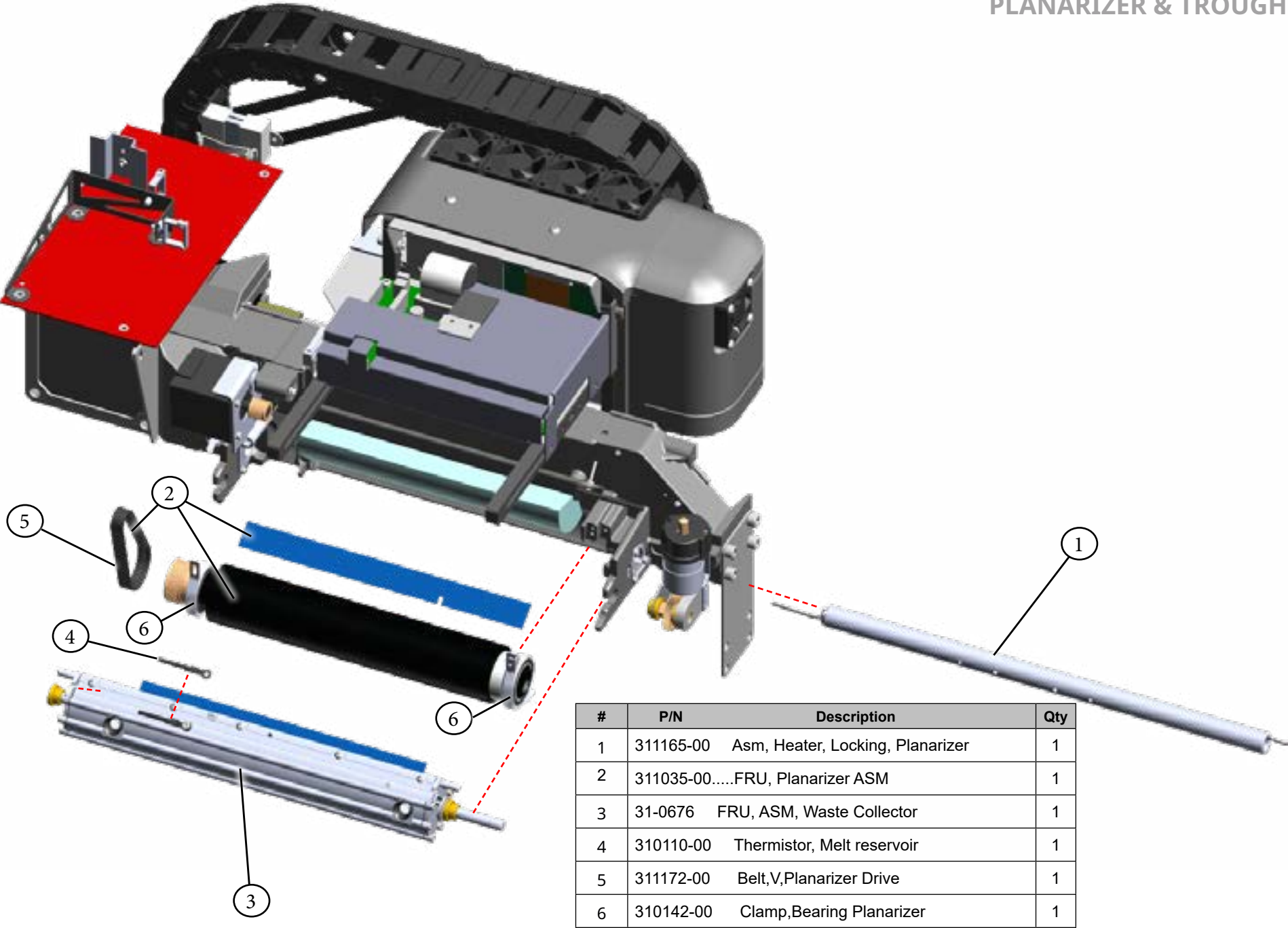
#	P/N	Description	Qty
1	310096-00	Belt, Drive, Z-Axis	1
2	310973-00	Asm, Motor Z-Axis	1

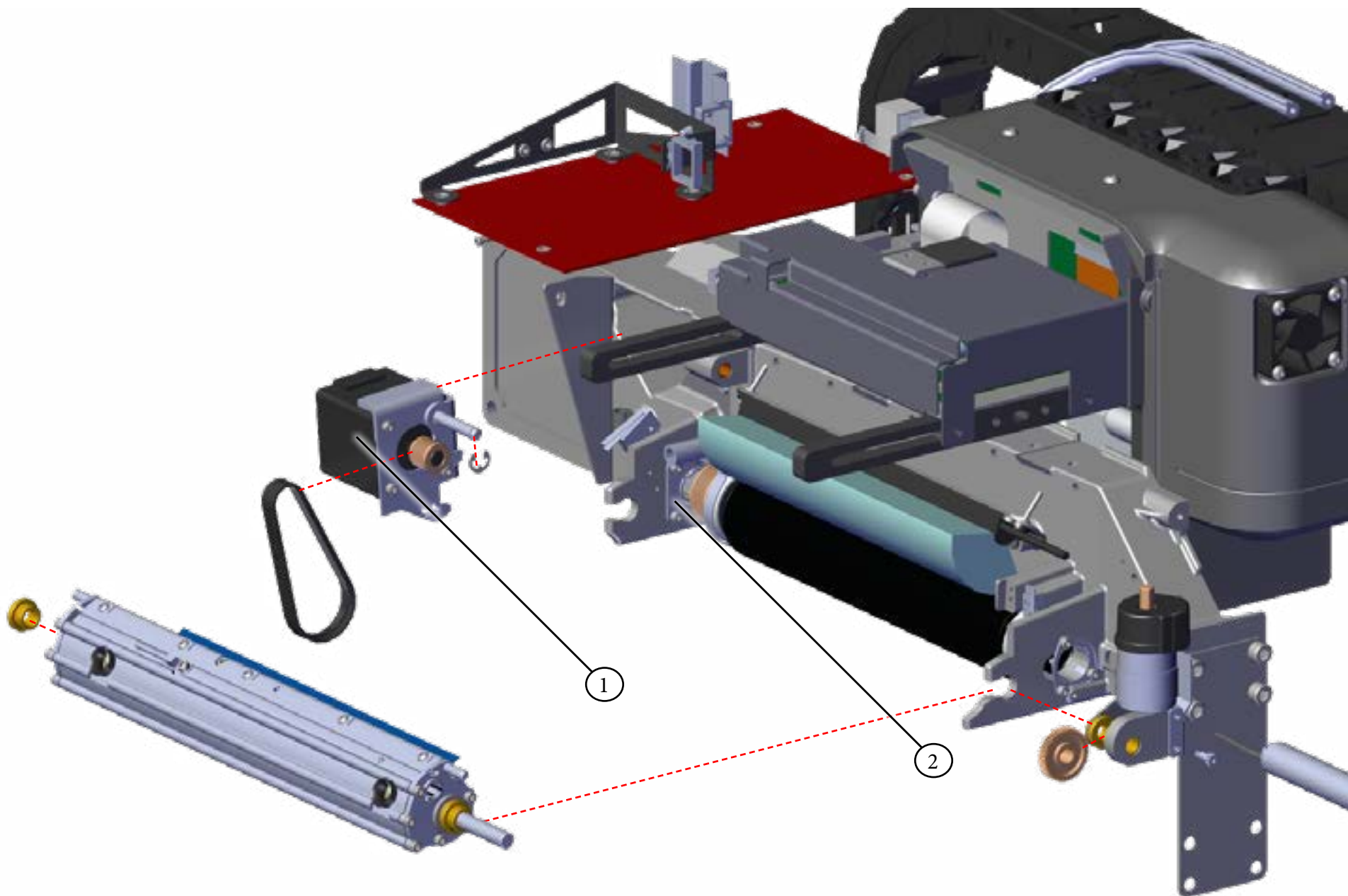
WASTE TILT



#	P/N	Description	Qty
1	31-1398	FRU, Planarizer Waste Tilt Kit	1
2	310524-03	Gear, Wormwheel	1

PLANARIZER & TROUGH





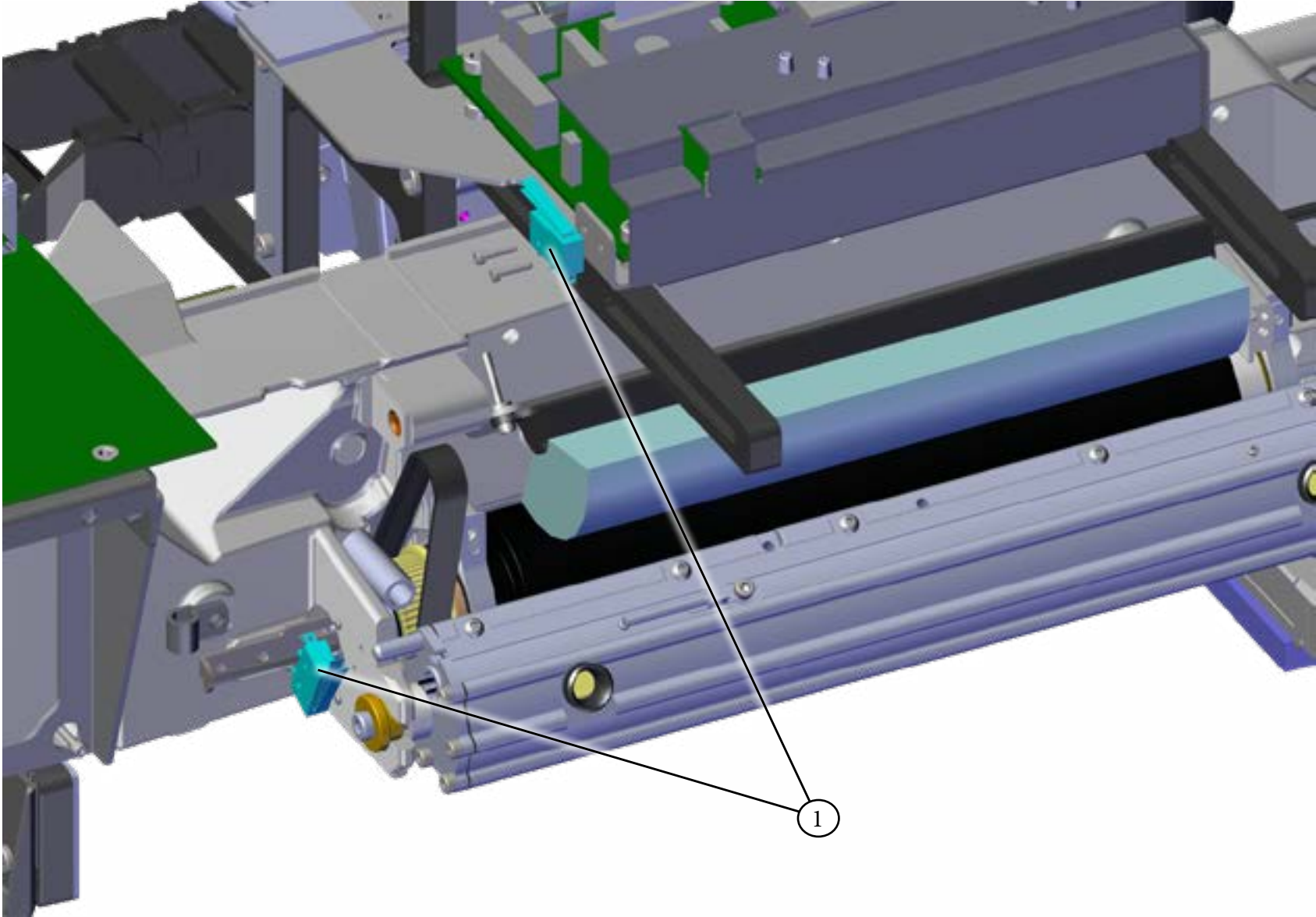
#	P/N	Description	Qty
1	310131-01.....	Asm, Drive, Planarizer	1
2	311167-00.....	Plate, Spring,Lock,Planarizer Heater	1



1

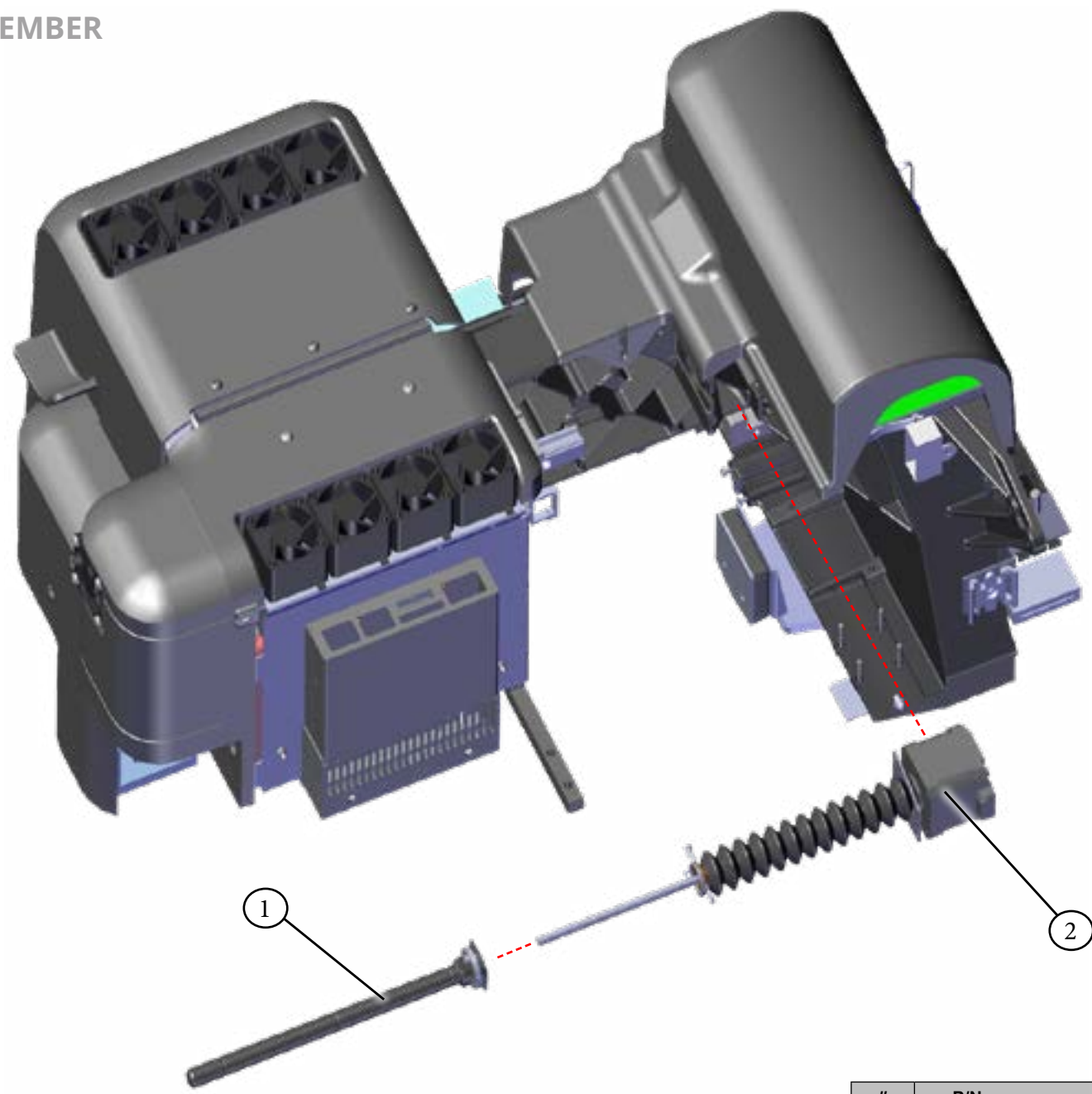
#	P/N	Description	Qty
1	310275-00	Thermistor, Planarizer Roll	1

DOOR SWITCH SENSOR



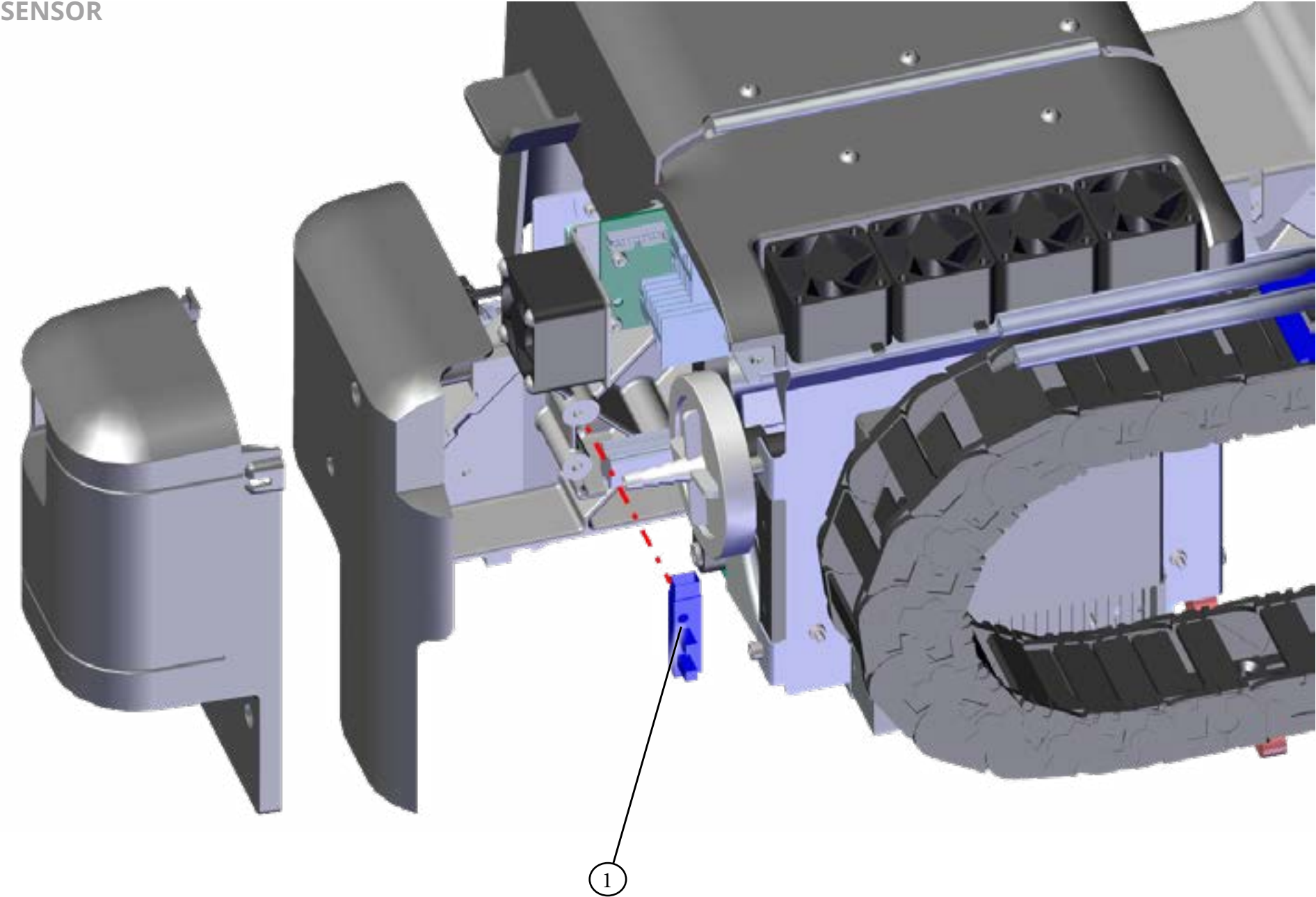
#	P/N	Description	Qty
1	310921-00	Sensor, Door Switch	1

CROSSMEMBER



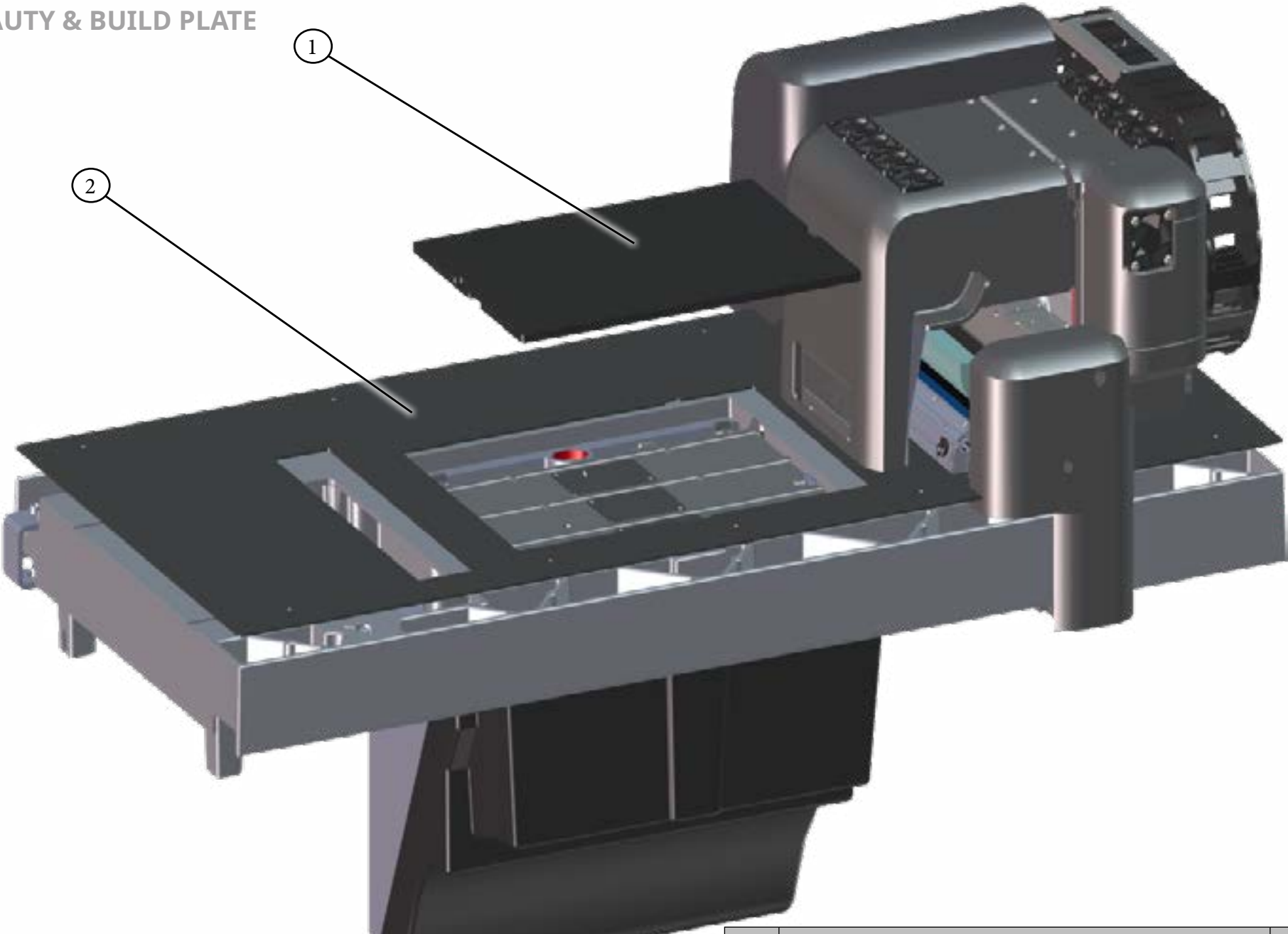
#	P/N	Description	Qty
1	311371-00	Asm, Cover, Rigid, Drive, Y-Axis	1
2	311031-00	FRU, Asm, Motor, Y-Axis	1

SENSOR



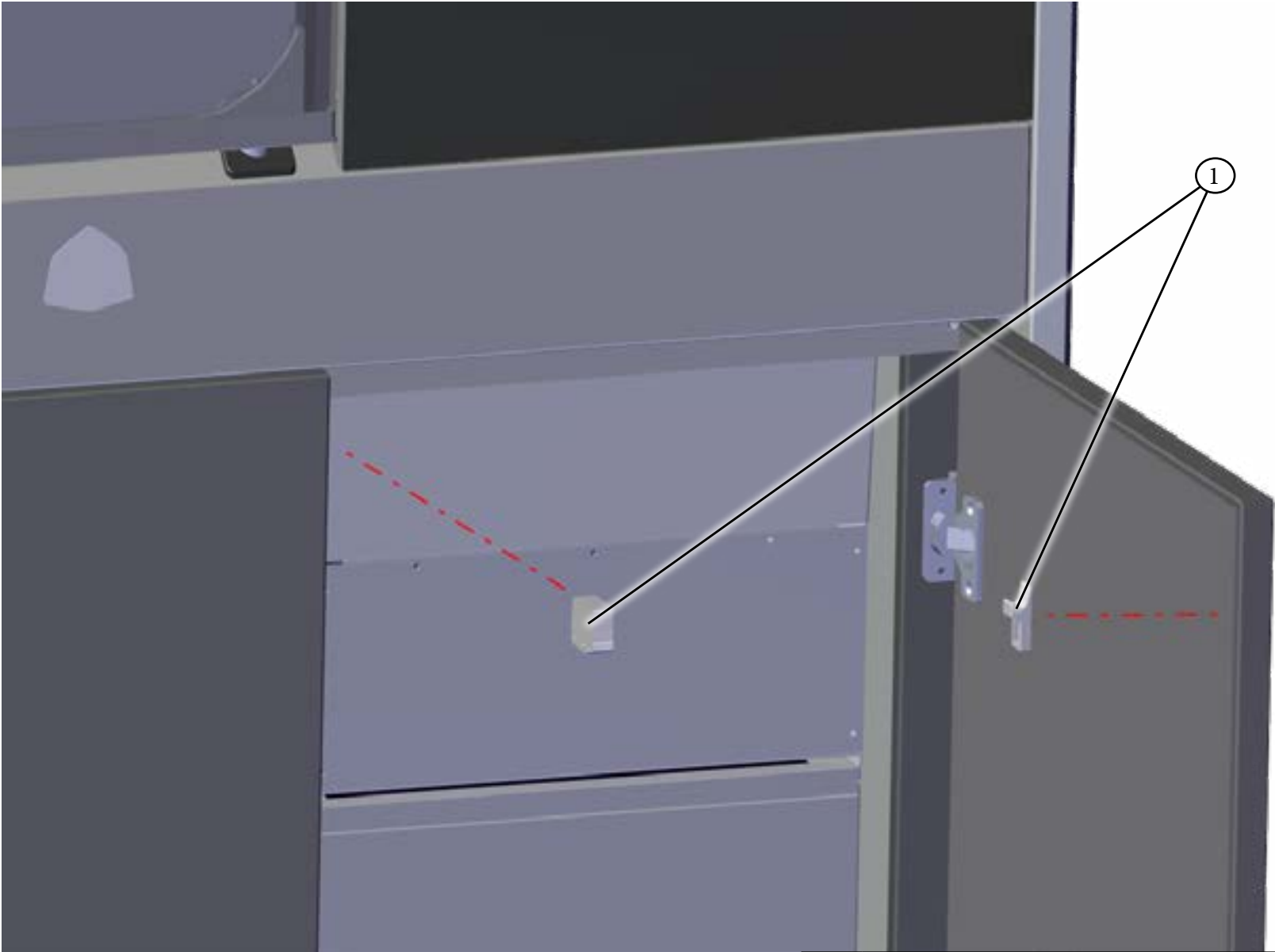
#	P/N	Description	Qty
1	310023-00.....	Sensor, Homing	1

BEAUTY & BUILD PLATE



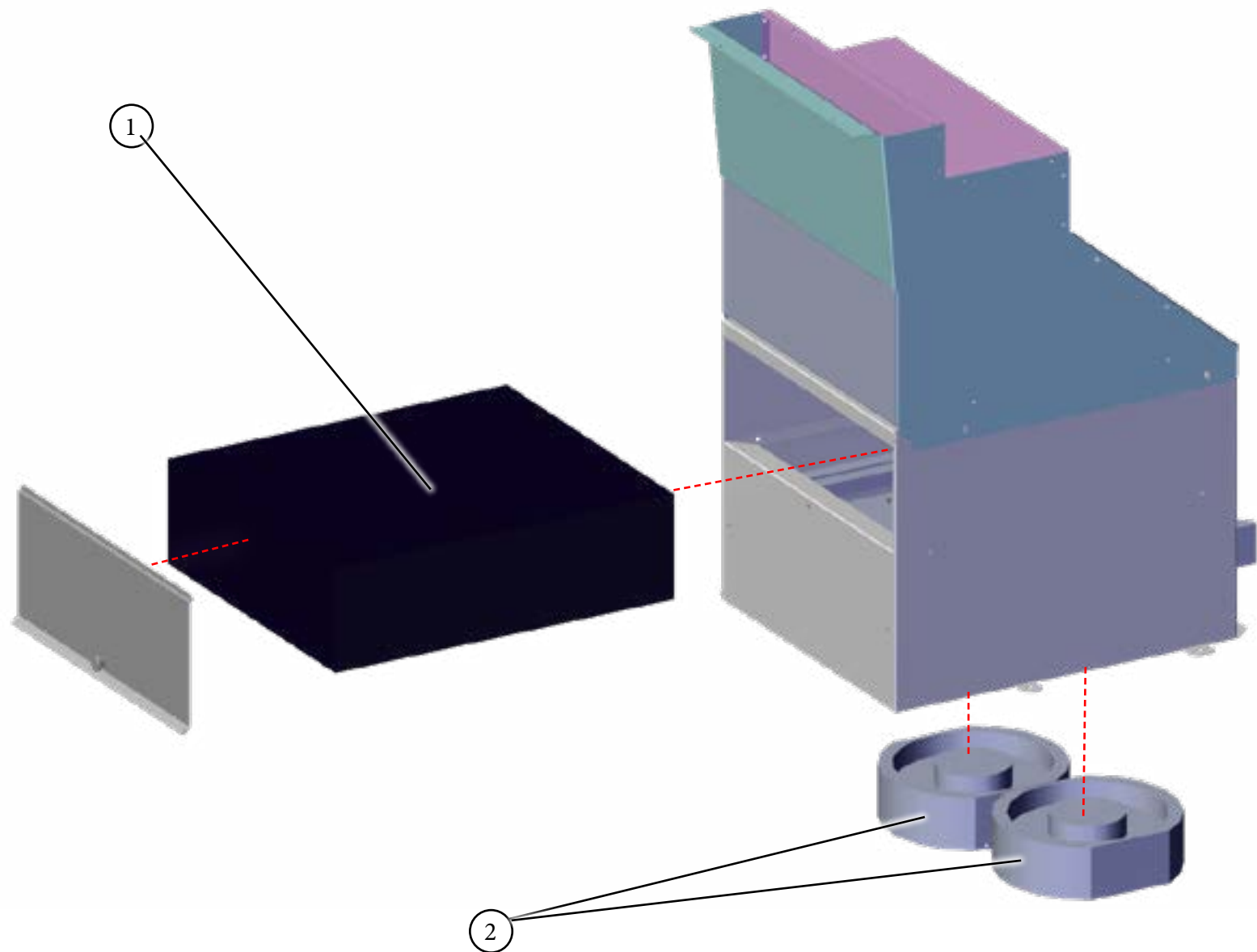
#	P/N	Description	Qty
1	310054-02	Plate, Build	1
2	31-1391	FRU, Cover, Frame, Base, X-Axis (Beauty Plate)	1

FILTER DOOR LATCH



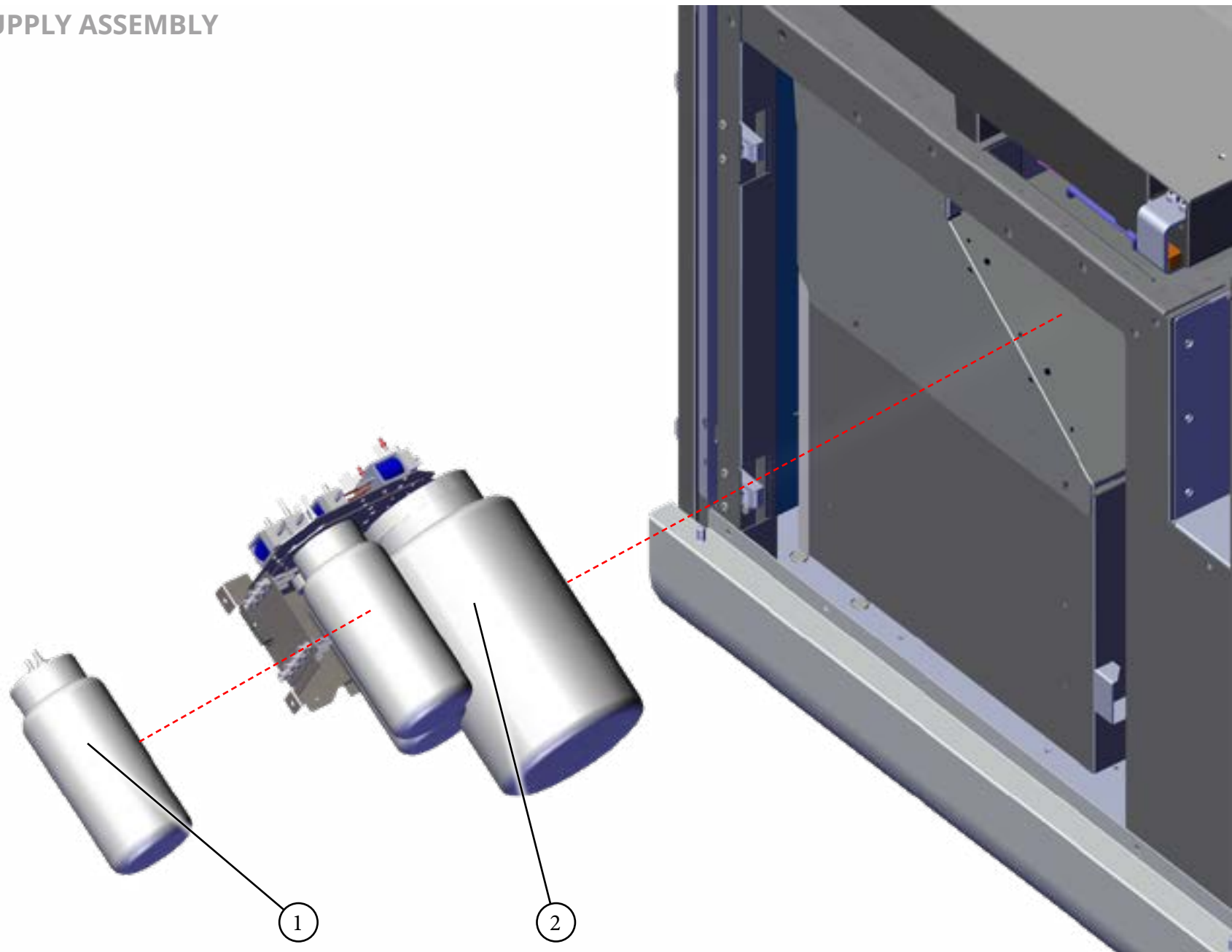
#	P/N	Description	Qty
1	310747-00.....	Latch, Filter Door	1

FILTER ASSEMBLY



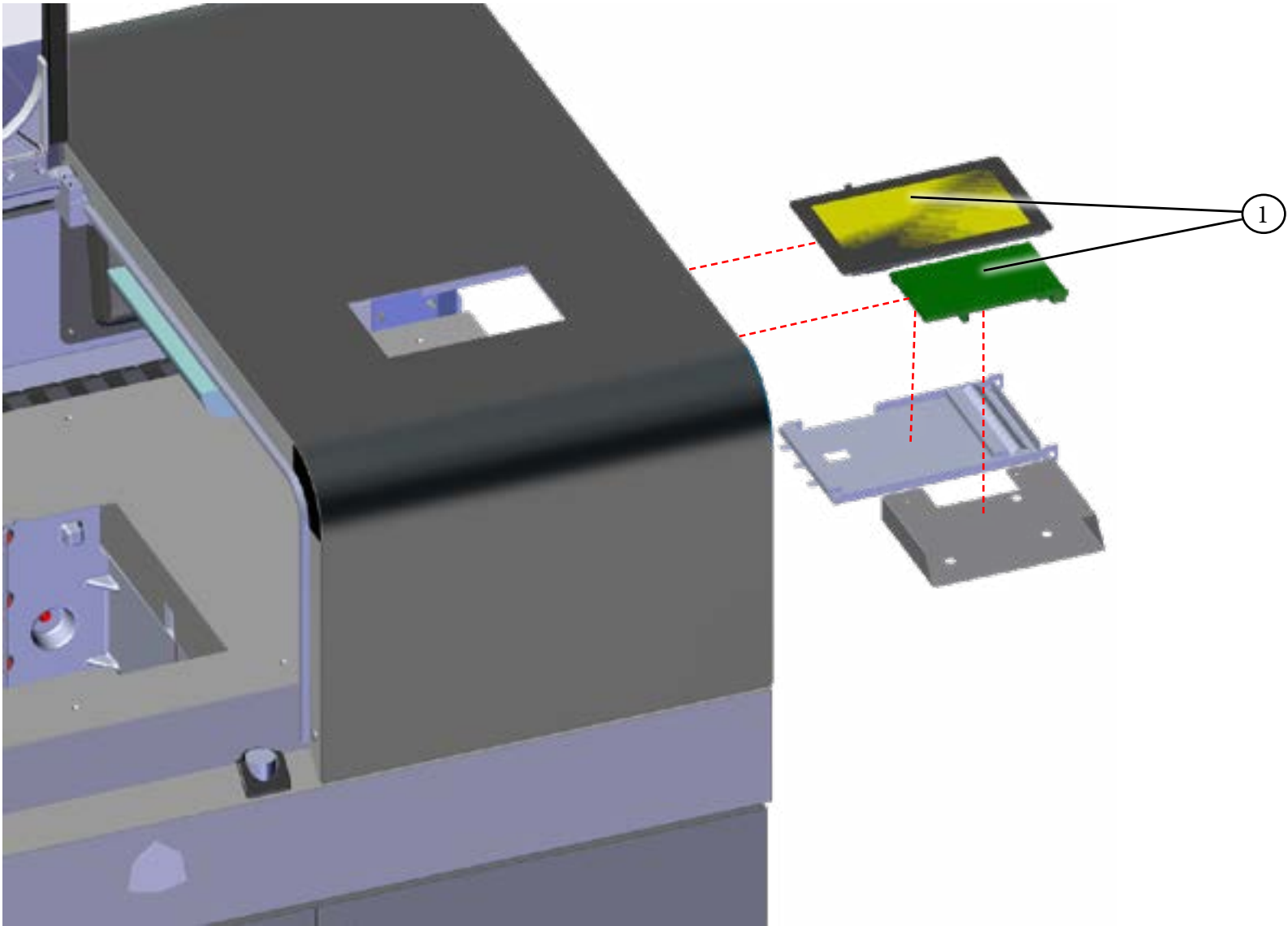
#	P/N	Description	Qty
1	310259-00	Filter, Particulate with handle	1
2	310256-01	Fan, Box/Filter	1

AIR SUPPLY ASSEMBLY



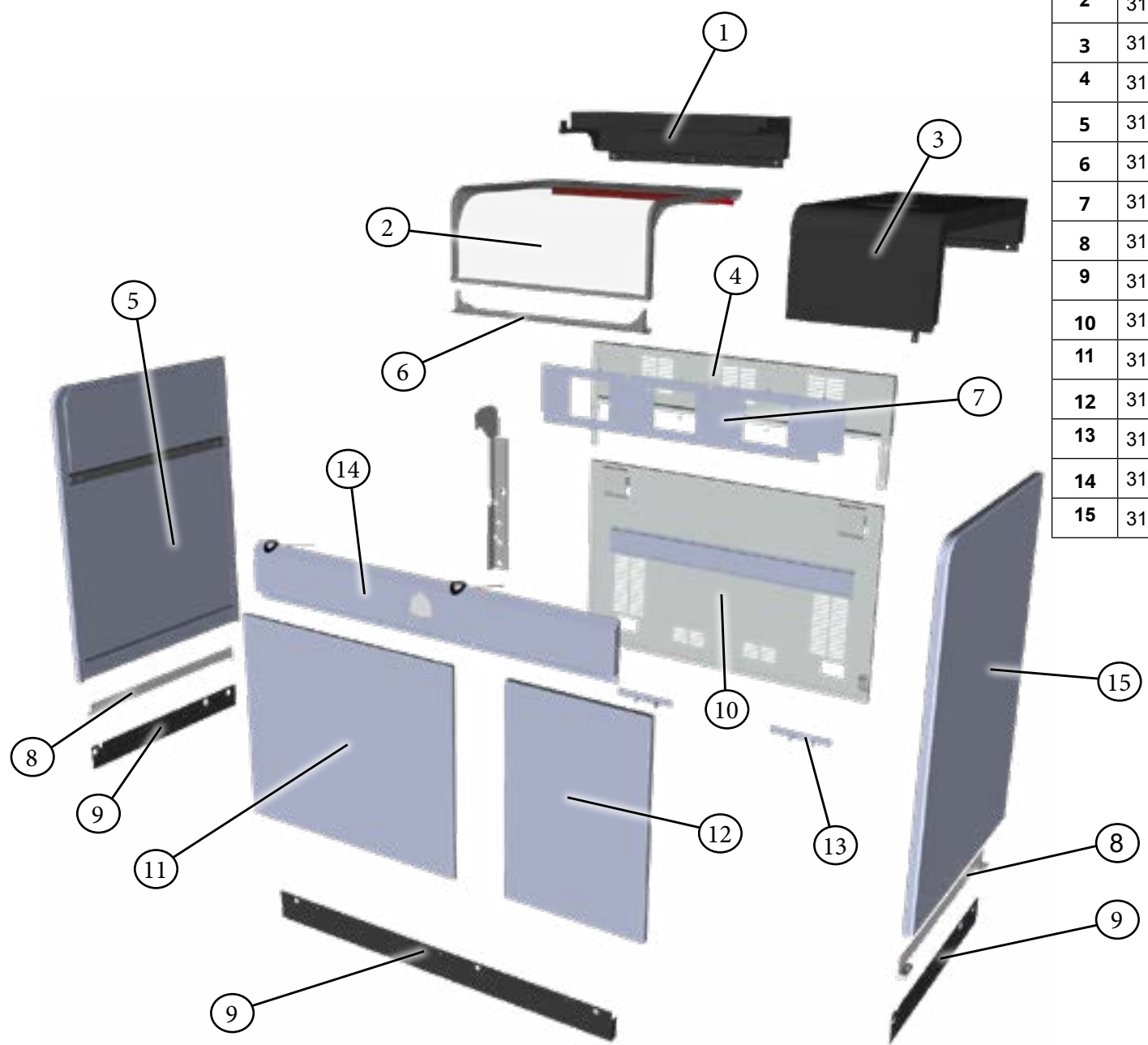
#	P/N	Description	Qty
1	311437-00	FRU, Rigid Bottle Air Supply	1
2	31-1540	FRU, ASM Air Supply ProJet 2500	1

UI DISPLAY



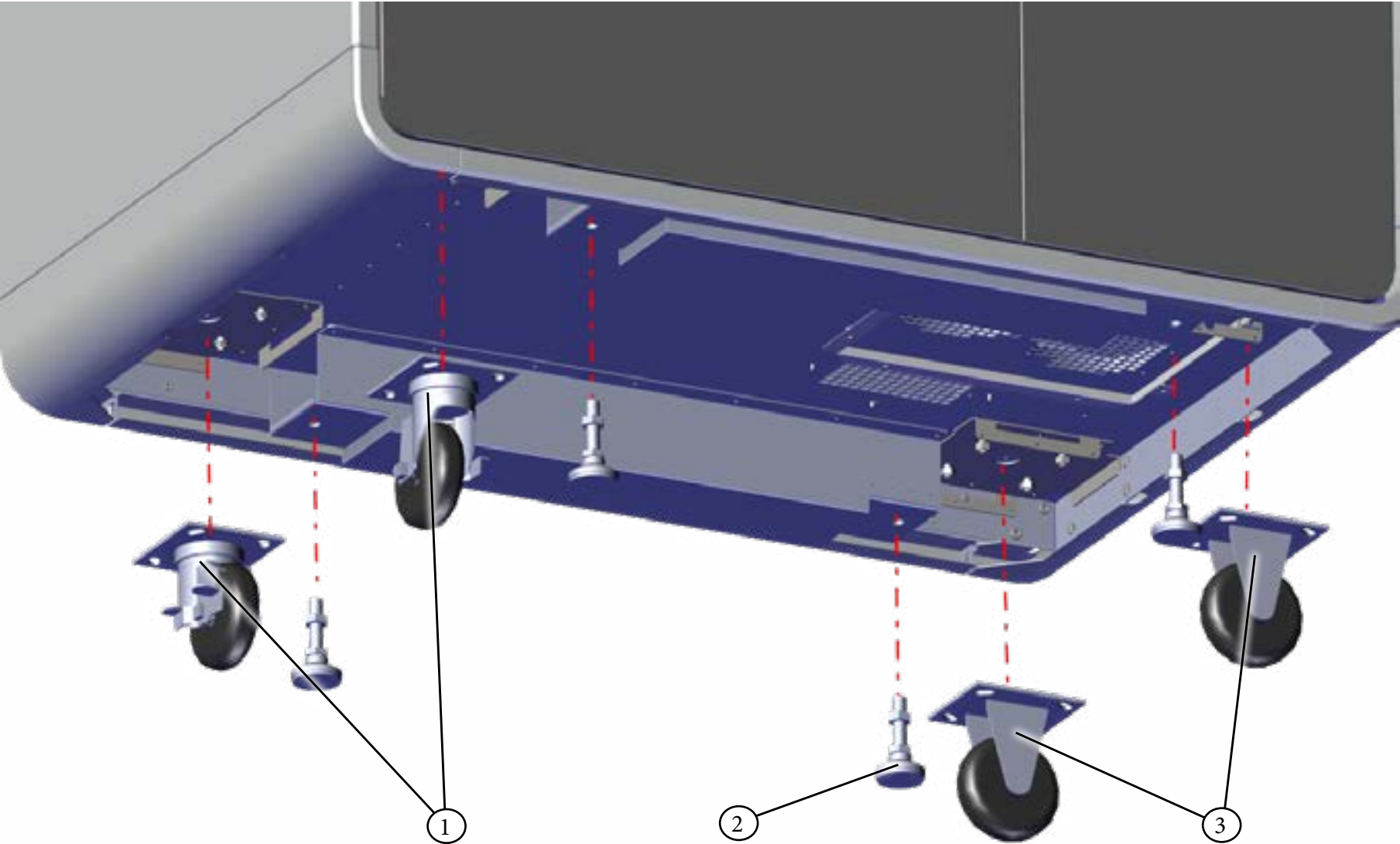
#	P/N	Description	Qty
1	311067-01	UI Display Kit	1

NEW STYLE SKINS



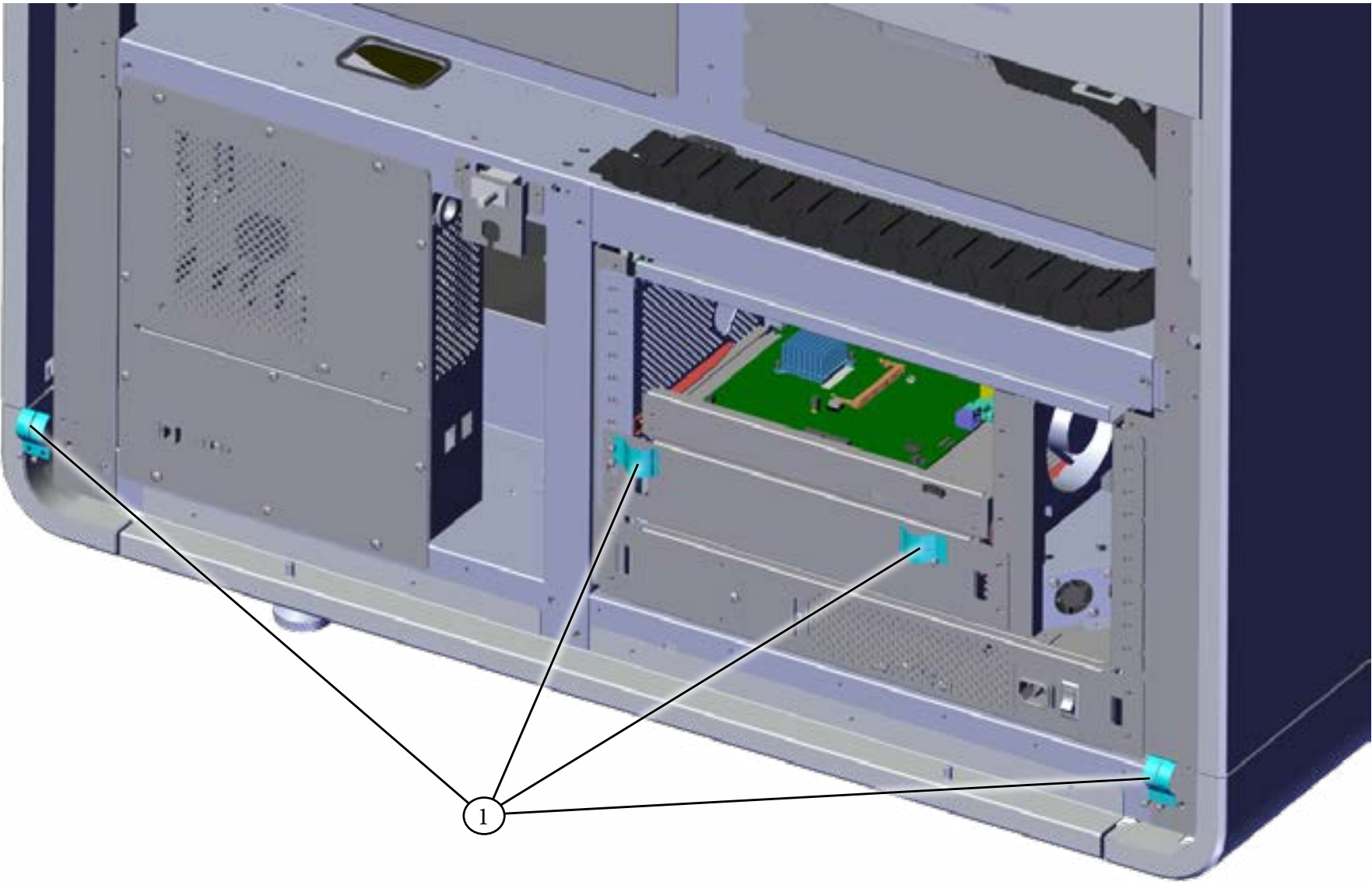
#	P/N	Description	Qty
1	311047-01	FRU, ASM, Rear Cover, Top Door	1
2	311043-00	FRU, Asm, Top Door	1
3	311044-01	FRU, Asm, Doghouse	1
4	311049-01	FRU, ASM, Back Frame Channel	1
5	311042-01	FRU, ASM, Side Cover, Left	1
6	31-0686	FRU, ASM, Top Door Lifter	1
7	311048-00	Fru, Asm, Back Panel Fans	1
8	31-1195	FRU, Side Panel Mounting Bracket	1
9	31-1196	FRU, Kit, Skirt, Box	1
10	311050-01	FRU, ASM, Back Panel	1
11	311056-01	FRU, ASM, Drawer	1
12	311052-01	FRU, ASM, Filter Door	1
13	31-1197	FRU, Back, Panel, Mount Pin	1
14	311055-01	FRU, Asm, Front Panel	1
15	31-1198	FRU, ASM, Side Cover, Right	1

CASTERS



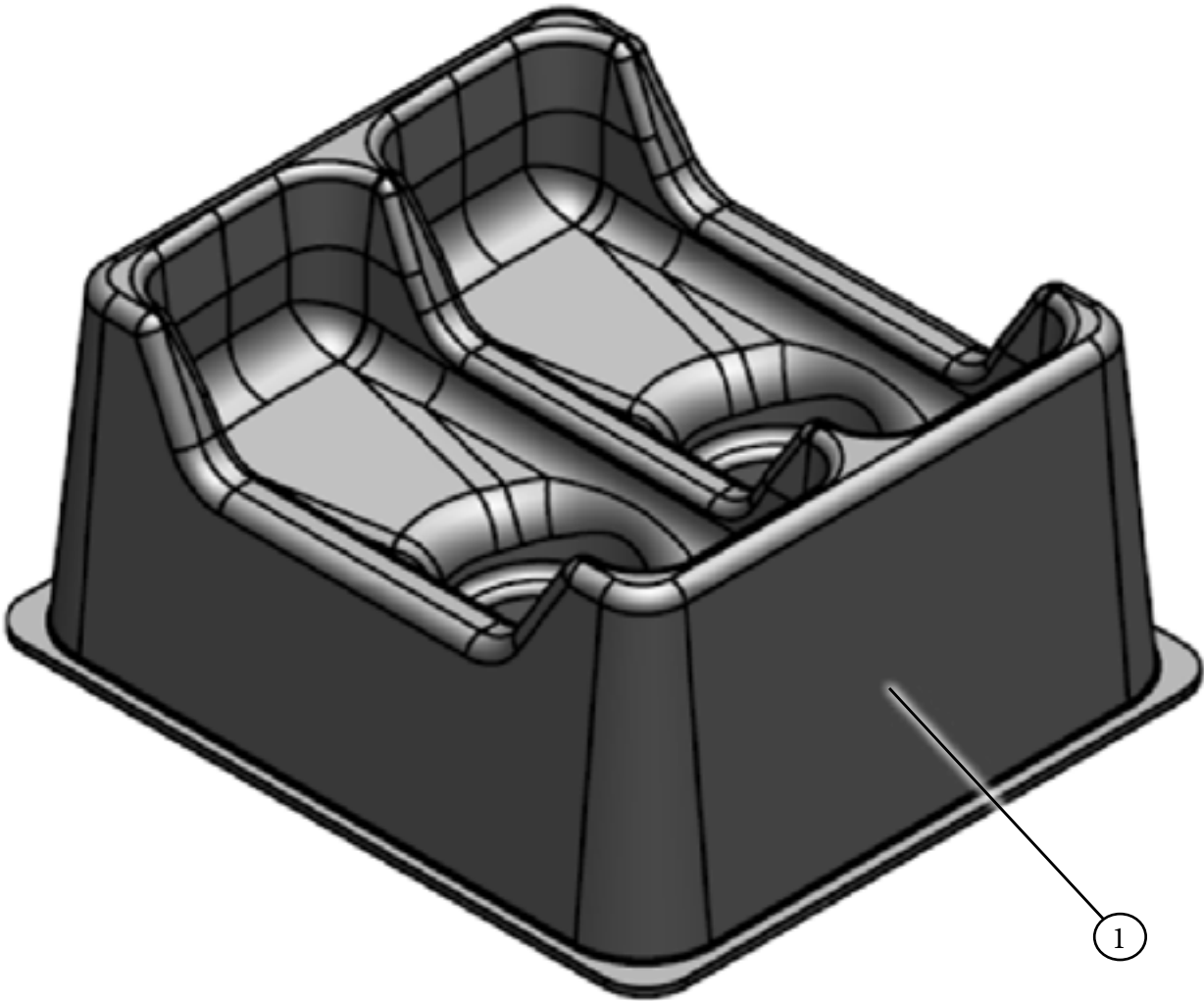
#	P/N	Description	Qty
1	307404-00	Caster, 4", swivel, w/brake	1
2	310769-00	Leveler, machine	1
3	307405-00.....	Caster, 4", RIGID	1

GROUND FRAME FINGER



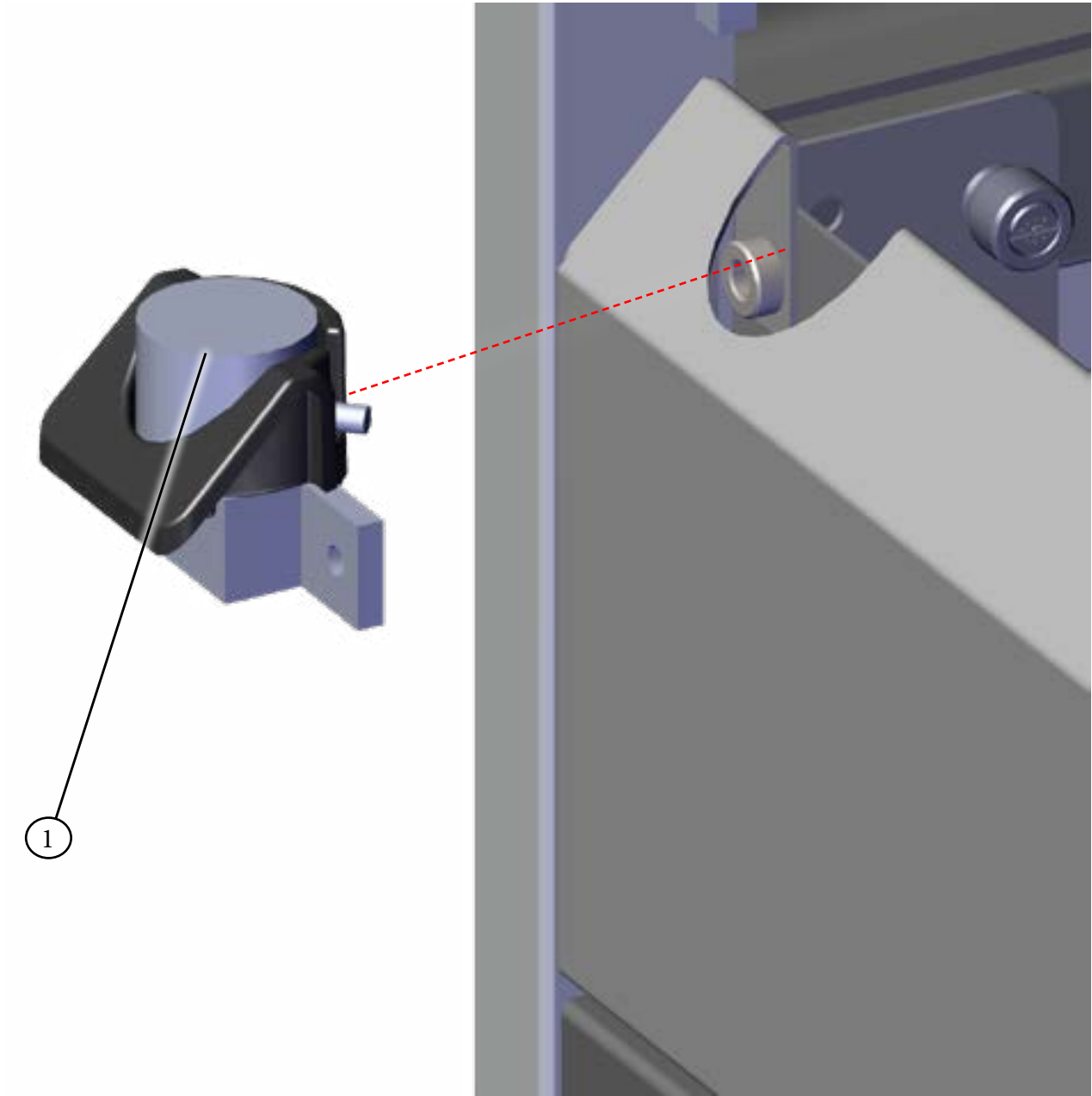
#	P/N	Description	Qty
1	311202-00	Finger, ground frame	1

CARTRIDGE HOLDER



#	P/N	Description	Qty
1	31-0012	Cartridge Holder, ProJet 2500	1

MAGNETIC DOOR LOCKS



#	P/N	Description	Qty
1	31-0986	FRU, Asm, Door Magnets	1

FILTER SCREEN



#	P/N	Description	Qty
1	31-1340	FRU, Kit, Overmolded Filter Screen w/ Front Panel	1

CONSUMABLE LIST PROJET MJP 2500

P/N	Description
310259-00	Filter,Particulate with handle
310142-00	Clamp, Bearing, Planarizer
311172-00	Belt,V,Planarizer Drive
310011-01	Wiper,Flexible,HM
31-0678	FRU,Kit,MDM Manifold Filter
310286-00	Filter Gasket
310220-00	O-Ring, Silicon,-123
310606-00	Cartridge Filter,10micron,Sintered
310694-01	Tray,MD Waste Overflow
310980-01	Liner, Waste
290008-00	O-Ring Inner 2
310248-00	Bag Waste, Head Maintenace
310990-00	Inline Air Filter, 0.2 micron PTFE
31-1342	FRU,Filter Kit, 2500
31-0059	O-Ring, Mercury Print Head
310040-00	Belt Drive, Carriage, X-Axis
310041-00	Belt,Motor,X-Axis
310096-00	Belt, Drive,Z-Axis
310739-00	Gasket, Top Door Right
311012-00	Gasket,Top Door Left
311093-00	FRU,ASM,Mercury Printhead External Filter
31-1269	FRU,Filter,UV Lamp,2500
21678-101-02	Absorbent Wipes (2 packs of 50 ea)
311094-00	FRU,Projet 2500 Fasteners, Seals and Misc

CONSUMABLE LIST PROJET MJP 2500W

P/N	Description
310259-00	Filter,Particulate with handle
310142-00	Clamp, Bearing, Planarizer
311172-00	Belt,V,Planarizer Drive
310011-01	Wiper,Flexible,HM
31-0678	FRU,Kit,MDM Manifold Filter
310286-00	Filter Gasket
310220-00	O-Ring, Silicon,-123
310606-00	Cartridge Filter,10micron,Sintered
310694-01	Tray,MD Waste Overflow
310980-01	Liner, Waste
290008-00	O-Ring Inner 2
310248-00	Bag Waste, Head Maintenace
310990-00	Inline Air Filter, 0.2 micron PTFE
31-1342	FRU,Filter Kit, 2500
31-0059	O-Ring, Mercury Print Head
310040-00	Belt Drive, Carriage, X-Axis
310041-00	Belt,Motor,X-Axis
310096-00	Belt, Drive,Z-Axis
310739-00	Gasket, Top Door Right
311012-00	Gasket,Top Door Left
311093-00	FRU,ASM,Mercury Printhead External Filter
21678-101-02	Absorbent Wipes (2 packs of 50 ea)

CONSUMABLE LIST PROJCT MJP 2500IC

P/N	Description
310259-00	Filter,Particulate with handle
310142-00	Clamp, Bearing, Planarizer
311172-00	Belt,V,Planarizer Drive
310011-01	Wiper,Flexible,HM
31-0678	FRU,Kit,MDM Manifold Filter
310286-00	Filter Gasket
310220-00	O-Ring, Silicon,-123
310606-00	Cartridge Filter,10micron,Sintered
310694-01	Tray,MD Waste Overflow
310980-01	Liner, Waste
290008-00	O-Ring Inner 2
310248-00	Bag Waste, Head Maintenace
310990-00	Inline Air Filter, 0.2 micron PTFE
31-1342	FRU,Filter Kit, 2500
31-0059	O-Ring, Mercury Print Head
310040-00	Belt Drive, Carriage, X-Axis
310041-00	Belt,Motor,X-Axis
310096-00	Belt, Drive,Z-Axis
310739-00	Gasket, Top Door Right
311012-00	Gasket,Top Door Left
311093-00	FRU,ASM,Mercury Printhead External Filter
21678-101-02	Absorbent Wipes (2 packs of 50 ea)
31-1463	FRU Kit, Filter, MDM/Printhead, 2500IC

PM LIST PROJET MJP 2500 31-1600 MINOR PM

P/N	Description	QTY
310259-00	Filter, Particulate with handle	1
11145-101-00	Disposable Nitrile Gloves size large pack of 100	1
21678-101-02	Absorbent Wipes 2 packs of 50 ea	1
311172-00	Belt, V, Planarizer Drive	1

PM LIST PROJET MJP 2500/2500 PLUS P/N 31-1601 MAJOR PM

P/N	Description	QTY
310259-00	Filter, Particulate with handle	1
311172-00	Belt, V, Planarizer Drive	1
31-1269	FRU,Filter,UV Lamp,2500	1
31-1342	FRU,Filter Kit, 2500	1
310041-00	Belt,Motor,X-Axis	1

PM LIST PROJET MJP 2500 IC/WAX P/N 31-1602 MAJOR PM

P/N	Description	QTY
310259-00	Filter, Particulate with handle	1
311172-00	Belt, V, Planarizer Drive	1
31-1342	FRU,Filter Kit, 2500	1
310041-00	Belt,Motor,X-Axis	1

HARNESS

Connector	P/N	Description
	311303-01	Harness, X-Axis Motion
	311311-00	Harness, MDM, AirLine
	311309-02	Harness, MDM DC and Communication
	31-1156	Harness, MDM DC and Communication (Dual Zone Umbilical Only)
	311312-00	Harness, DMC, Airline
	311308-01	Harness, Z-Axis
	311307-00	Harness, 48V and Soft Switch
	311301-02	Harness, Top Door and Interlocks
	31-0985	Harness, Jet Pack and Filter Fans
	311305-01	Harness, Front Panel UI
	311304-00	Harness, HMS
	311185-02	Asm, Cable, Harness, Carriage Board
	31-0985	Harness, Jetpack and Filter with Level Shift ASM
	31-1574	FRU,Asm,Cable,Harness,Umbilical Track

CABLES

Connector	P/N	Description
	31-0727	Asm, Printhead Data Cable (ProJet 2500W)
	310112-00	Cable, Printhead heater
	310116-00	Cable, Waveamp fan
	310118-02	Cable, UV Lamp, Left
	310119-00	Cable, Waveamp signal
	310473-01	Cable, Waveamp
	310482-00	Cable, Power Supply
	310484-03	Cable, PC Motherboard-DMC Adaptor
	310788-01	Cable, SATA. Straight-Straight, Latch, 300mm
	310913-00	Cable, Y-Axis Motor (ALT)
	310977-00	Cable, Jumper, Block Extension
	31-0962	R/FRU,PCBA,DMC ProJet 2500

Connector	P/N	Description
	311432-00	Cable, Umbilical Heater, Zone-2, Dual Ground
	311000-00	Cable, Serial Port Extension
	31-0983	Cable, Main Controller, Comm
	311109-00	Cable, Part Cooling Fans, Right
	311110-00	Cable, Part Cooling Fans, Left
	310124-00	Cable, X-Axis encoder
	310372-01	Cable, Hood Fans
	310382-02	Cable, MDM AC Heaters
	31-1895	ASM, Cable, Printhead Data
	31-1896	ASM, Cable, FPC, WaveAmp to Printhead

MISC

	P/N	Description
	31-0054	Projet Technician Kit
	311094-00	FRU, ProJet 2500 Fasteners, Seals and Misc
	31-0564	Kit, Repack, ProJet 2500
	31-0678	FRU, Kit, MDM Manifold Filter
	31-0692	FRU, Kit, Ferrites
	31-1223	FRU, Shim, Thermistor, Planarizer
	31-1269	FRU, Filter, UV Lamp, 2500
	31-1342	FRU, Filter, Kit, 2500 (2500 & 2500W)
	31-1405	FRU, Insulation Kit, Umbilical, 2500W
	31-1443	FRU, Fastener Kit MDM Door Latch
	31-1464	FRU Kit, Umbilical Upgrade, 2500
	31-1463	FRU, Kit, Filter, MDM/Printhead, 2500 IC



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