TD - Engineering Fabrication Component Kit List

Process Engineering

Component Serial No.	RQN(X)035
Kit submitted by:	Bob Jensen
Fermi ID No.	315
Date submitted:	13-Apr-11
Need date:	15-Apr-11
Deliver to:	IB#2
Use with Traveler No.	TR-333271
Job No.	445
M&S task number:	425 1.0.1.1
Drawing Title:	Recycler 20" Quadrupole
Drawing No.	4420-ME-338219 C

Material Control

Parts available

Verified by:	
Fermi ID No.	
Date submitted to stockroom:	

Parts issued

Issued by:	RE, JB, LZ
Fermi ID No.	
Date issued:	4/20/11
Parts received by E&F:	Sherry Baker
Fermi ID No.	15714
Date received by E&F:	6/14/11

	Description	Dwg Size	Number	Rev	Unit	Quantity Required	Location	Quantity Issued	E&F Verified	Routing Form Number	Spares Number / Comment
1	Magnet Identification Label	MA	318490		ea	1		IB#2 has	—	—	
2	Pole Assembly	ME	338220		ea	1		—	—	—	No assy, issue items 2a, 2b,2c,2d, & 2e
2a	*End Spacer*	MD	338221		ea	2	T9,2	2		92203	
2b	*Pole Piece*	MC	338222	C	ea	4	R7,S2,L1	4		92156	
2c	*Spacer Bar*	MB	338223		ea	4	R8,3,4	4		12-72914 52-92252	
2d	*Hex Soc HD Cap Screw 1/4"-20 x 0.750" lg SS*	MA	338224		ea	16	12B7	16		6-64377 250-91967	
2e	*Long Spring Pin 420 SS 0.250" x 1.00" lg*	MA	338225		ea	16	12B7	16		92688	
3	SHCS 1/4"-20 x 0.75" lg	MA	338224		ea	8	12B7	8		64377	
4	Flux Return Side	ME	338226		ea	4	R8,2,1	4		92286	
5	Flux Return End	MD	338227	B	PR	2	R10,S1,L	2		92756	

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6	Pole Assembly Retainer	MB	338229		ea	4	12C1	4		60983	
7	Tube	MB	338231		ea	4	R8,2,1	4		92288	
8	Ferrite Brick 1" x 2" x 2.625"	MB	338364		ea	8	R8,3,1	DO NOT ISSUE	—	—	
9	Ferrite Brick 1" x 2" x 3.125"	MB	338363		ea		R8,3,2	Do not issue	—	—	
10	Ferrite Brick 1" x 2" x 4"	MB	338232	1	ea	14	R8,3,2	DO NOT ISSUE	—	—	
11	Ferrite Magnet 1" x 2" x 5"	MB	338495		ea		R8,3,1	Do not issue	—	—	
12	Ferrite Magnet 1" x 2" x 6"	MB	338007 ~~339007~~		ea	16	R1,S3,L1	16			
13	Magnet Spacer 0.50"	MB	338234		ea	24	MSR3,2,2	24		36 - 60963 121 - 65268 227 - 92593	
14	Magnet Spacer 0.75"	MB	338235		ea	16	T6,2	16		76 - 65269 180 - 92178	
15	Compensator 0.990" x 1.90" x 0.050"	MB	338236		ea	352	R8,1,2 ~~NT01869~~	352		92867	
16	Beam Tube Positioning Lug	MB	338237		ea	4	T12,2	4		92201	
17	Beam Lug Adjusting Screw	MA	338238		ea	4	12C2	4		65530	
18	SHCS 1/4"-20 x 0.875" lg	MA	338239		ea	28	12C3	28		382 - 65400 2 - 62846	
19	SHCS 3/8"-16 x 0.75" 18-8 SS	MA	338240		ea	4	12C3	4		91969	
20	Headless Cup Point Set Screw 1/4"-20 x 0.75" 18-8 SS	MA	338241		ea	16	12C5	16		62847	
21	Lockwasher 1/4" 18-8 SS	MA	338242		ea	8	12C5	8		62655	
22	Flat washer 1/4" 18-8 SS	MA	338243	A	ea	8	12C5	8		63578	
23	Hex Nut 3/8"-16 18-8 SS	MA	338297		ea	16	12D5	16		63580	

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	Description	Dwg Size	Number	Rev	Unit	Quantity Required	Location	Quantity Issued	E&F Verified	Routing Form Number	Spares Number / Comment
24	Flat Washer Steel 5/16"	MA	338298		ea	400	T6,1	400		61832	
25	Threaded Rod 3/8"-16NC	MB	338299		ea	4	R2,S2,L2	4		92047	
26	0.50" lg Steel Flux Trim Bar	MA	338300	A	ea	16	12D6	16		92023	
27	1.0" lg Steel Flux Trim Bar	MA	338301	A	ea	16	12D6	16		92262	
28	0.50" lg Aluminum Spacer	MA	338302	A	ea	20	12D7	20		316 - 92263 4 - 91268	
29	1.0" lg Aluminum Spacer	MA	338303	A	ea	20	12D7	20		180 - 92649 140 - 92264	
30	2.0" lg Aluminum Spacer	MA	338304	A	ea	20	12D8	20		179 - 92650 141 - 92265	
31	SHCS #8-32 x 0.75" lg 18-8 SS	MA	338351		ea	16	13A1	16		91966	
32	#8 Flat Washer	MA	338352	A	ea	80	13A2	80		91976	
33	Beam Tube Seal Plate	MC	338411		ea	4	T8,3	—	—		REDESIGN
34	Shipping and Storage Cover	MB	338412		ea	2	13A2	2		N/A	
35	Protective Plug for 1/4" hole	MA	338474		ea	16	13A4	16		75734	
36	Protective Plug for 3/8" hole	MA	338475		ea	8	13A4	8		75735	
37	Magnet Spacer 0.050" thk	MA	338555	A	ea	128	R10,1,2	128		92866	
38	Channel Shim	MB	460412		ea	40	R1,1,2	40		92753	
39											
40											