TD - Engineering Fabrication Component Kit List

Process Engineering

Component Serial No.	RQN(X)023
Kit submitted by:	Bob Jensen
Fermi ID No.	315
Date submitted:	28-Feb-11
Need date:	8-Mar-11
Deliver to:	IB#2
Use with Traveler No.	TR-333271
Job No.	471
M&S task number:	425 2.0.1.1.1.4
Drawing Title:	Recycler 20" Quadrupole
Drawing No.	4420-ME-338219 C

Material Control

Parts available

Verified by:	[signature]
Fermi ID No.	4698
Date submitted to stockroom:	3-2-11

Parts issued

Issued by:	RE, JB, LZ
Fermi ID No.	
Date issued:	3/3/11
Parts received by E&F:	Bob Jensen
Fermi ID No.	0315
Date received by E&F:	3/8/2011

	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	D	ea	2	T9,2	2	✓	16-92203 4-65637 2-72893	
2b	*Pole Piece*	MC	338222	C	ea	4	R7,S2,L1	4	✓	92156	
2c	*Spacer Bar*	MB	338223		ea	4	R8,3,4	4	✓	92252	
2d	*Hex Soc HD Cap Screw 1/4"-20 x 0.750" lg SS*	MA	338224		ea	16	12B7	16	✓	162-62844 12-64377	
2e	*Long Spring Pin 420 SS 0.250" x 1.00" lg*	MA	338225		ea	16	12B7	16	✓	174-72321 2-91968	
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	A	ea	2	R10,S1,L	—	—	—	QC APR

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6	Pole Assembly Retainer	MB	338229		ea	4	12C1	4	✓	60441	
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	8	R8,3,2	Do not issue		—	
10	Ferrite Brick 1" x 2" x 4"	MB	338232		ea	14	R8,3,2	14	✓	92469	
11	Ferrite Magnet 1" x 2" x 5"	MB	338495	A	ea	8	R8,3,1	8	✓	92506	
12	Ferrite Magnet 1" x 2" x 6"	MB	338007 ~~339007~~		ea	16	R1,S3,L1	Do not issue		—	
13	Magnet Spacer 0.50"	MB	338234		ea	24	MSR3,2,2	24	✓	92177	
14	Magnet Spacer 0.75"	MB	338235		ea	16	T6,2	16	✓	92178	
15	Compensator 0.990" x 1.90" x 0.050"	MB	338236		ea	352	NT01869	352	✓	65563	
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	PSTS-009400
18	SHCS 1/4"-20 x 0.875" lg	MA	338239		ea	28	12C3	28	✓	91972	
19	SHCS 3/8"-16 x 0.75" 18-8 SS	MA	338240		ea	4	12C3	4	✓	60272	
20	Headless Cup Point Set Screw 1/4"-20 x 0.75" 18-8 SS	MA	338241		ea	16	12C5	16	✓	65140	
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	✓	65402	

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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	✓	92261	
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	✓	92263	
29	1.0" lg Aluminum Spacer	MA	338303	A	ea	20	12D7	20	✓	92264	
30	2.0" lg Aluminum Spacer	MA	338304	A	ea	20	12D8	20	✓	92265	
31	SHCS #8-32 x 0.75" lg 18-8 SS	MA	338351		ea	16	13A1	16	✓	63660	
32	#8 Flat Washer	MA	338352	A	ea	80	13A2	80	✓	N/A	
33	Beam Tube Seal Plate	MC	338411		ea	4	T8,3	—	—	DO NOT ISSUE	REDESIGN APR
34	Shipping and Storage Cover	MB	338412		ea	2	13A2	2	✓	75903	
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	—	—	—	APR
38	Channel Shim	MB	460412		ea	40	R1,1,2	40	✓	90668	
39											
40											