TD - Engineering Fabrication Component Kit List

Process Engineering

Component Serial No.	RQN(X)024
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:	Linda Kelly
Fermi ID No.	4698
Date submitted to stockroom:	4-14-11

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			SP76-0683 1425 STK
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	40 STK 32 20
2b	*Pole Piece*	MC	338222	C	ea	4	R7,S2,L1	4	✓	92156	100 STK 64 25
2c	*Spacer Bar*	MB	338223		ea	4	R8,3,4	4	✓	12-72914 52-92252	80 STK 64 20
2d	*Hex Soc HD Cap Screw 1/4"-20 x 0.750" lg SS*	MA	338224		ea	16	12B7	16	✓	6-64377 250-91967	540 STK 256
2e	*Long Spring Pin 420 SS 0.250" x 1.00" lg*	MA	338225		ea	16	12B7	16	✓	92688	388 STK 256
3	SHCS 1/4"-20 x 0.75" lg	MA	338224		ea	8	12B7	8	✓	64377	540 STK 128
4	Flux Return Side	ME	338226		ea	4	R8,2,1	4	✓	92286	80 STK 64
5	Flux Return End	MD	338227	B	PR	2	R10,S1,L	2	✓	92756	39 STK 32

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6	Pole Assembly Retainer	MB	338229		ea	4	12C1	4	✓	60983	64 192 STK
7	Tube	MB	338231		ea	4	R8,2,1	4	✓	92288	64 80 STK
8	Ferrite Brick 1" x 2" x 2.625"	MB	338364		ea	8	R8,3,1	DO NOT ISSUE	—		28 STK
9	Ferrite Brick 1" x 2" x 3.125"	MB	338363		ea		R8,3,2	Do not issue	—		43 STK
10	Ferrite Brick 1" x 2" x 4"	MB	338232		ea		R8,3,2	Do not issue	—		0 STK
11	Ferrite Magnet 1" x 2" x 5"	MB	338495		ea	8	R8,~~3~~,1	8	✓	92257	48 35 STK
12	Ferrite Magnet 1" x 2" x 6"	MB	338007 ~~339007~~		ea	16	R1,S3,L1	16	✓		15 ~~3~~ STK
13	Magnet Spacer 0.50"	MB	338234		ea	24	MSR3,2,2	24	384 ✓	36-60963 121-65268 227-92593	116 STK-PSTS-0091 628 STK-NSPS
14	Magnet Spacer 0.75"	MB	338235		ea	16	T6,2	16	✓	76-65269 180-92178	256 320 STK
15	Compensator 0.990" x 1.90" x 0.050"	MB	338236		ea	352	R8,1,2 ~~NT01869~~	352	✓	92867	5632 7452 STK
16	Beam Tube Positioning Lug	MB	338237		ea	4	T12,2	4	✓	92201	64 88 STK
17	Beam Lug Adjusting Screw	MA	338238		ea	4	12C2	4	✓	65530	64 80 STK
18	SHCS 1/4"-20 x 0.875" lg	MA	338239		ea	28	12C3	28	✓	382-65400 2-62846	384 649 STK
19	SHCS 3/8"-16 x 0.75" 18-8 SS	MA	338240		ea	4	12C3	4	✓	91969	64 181 STK
20	Headless Cup Point Set Screw 1/4"-20 x 0.75" 18-8 SS	MA	338241		ea	16	12C5	16	✓	62847	256 501 STK
21	Lockwasher 1/4" 18-8 SS	MA	338242		ea	8	12C5	8	✓	62655	128 5147 STK
22	Flat washer 1/4" 18-8 SS	MA	338243	A	ea	8	12C5	8	✓	63578	128 2686 STK
23	Hex Nut 3/8"-16 18-8 SS	MA	338297		ea	16	12D5	16	✓	63580	256 364 STK

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24	Flat Washer Steel 5/16"	MA	338298		ea	400	T6,1	400	✓	61832	6400 20957 STK
25	Threaded Rod 3/8"-16NC	MB	338299		ea	4	R2,S2,L2	4	✓	92047	64 80 STK
26	0.50" lg Steel Flux Trim Bar	MA	338300	A	ea	16	12D6	16	✓	92023	256 320 STK
27	1.0" lg Steel Flux Trim Bar	MA	338301	A	ea	16	12D6	16	✓	92262	256 320 STK
28	0.50" lg Aluminum Spacer	MA	338302	A	ea	20	12D7	20	✓	316-92263 4-91268	320 416 STK
29	1.0" lg Aluminum Spacer	MA	338303	A	ea	20	12D7	20	✓	180-92649 140-92264	320 416 STK
30	2.0" lg Aluminum Spacer	MA	338304	A	ea	20	12D8	20	✓	179-92650 141-92265	320 415 STK
31	SHCS #8-32 x 0.75" lg 18-8 SS	MA	338351		ea	16	13A1	16	✓	256-91966	256 420 STK
32	#8 Flat Washer	MA	338352	A	ea	80	13A2	80	✓	91976	1280 2117 STK
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	32 40 STK
35	Protective Plug for 1/4" hole	MA	338474		ea	16	13A4	16	✓	75734	256 344 STK
36	Protective Plug for 3/8" hole	MA	338475		ea	8	13A4	8	✓	75735	128 735 STK
37	Magnet Spacer 0.050" thk	MA	338555	A	ea	128	R10,1,2	128	✓	92866	2048 5986 STK
38	Channel Shim	MB	460412		ea	40	R1,1,2	40	✓	92753	640 920 STK
39											
40											