

E1300420 Manifold/cryo baffle Blade Balance Weight

6/12/13

Manifold Cryo Baffle Blade Spring D0902817-v4

design weight, lbs 157
 1/2 bare baffle
 weight, lbs 136.85

 1/2 fixed balance
 weight, lbs 12.641

S/N	tare wt	1#	5#	10#	20#	gms	gms converted to lbs	total measured weight, lbs	blade thickness, in	1/2 X bare baffle wt, lbs	1/2 fixed wt, lbs	7.51	3.75	other	total balanced baffle wt, lbs	balance error
0001																
0002																
0003																
0004																
0005								159.50		136.85	12.64	1	1		160.75	-1.25
0006								154.25		136.85	12.64		1		153.24	1.01
0007								157.75		136.85	12.64	1			157.00	0.75
0008								159.00		136.85	12.64	1			157.00	2.00
0009								161.75		136.85	12.64	1	1		160.75	1.00
0010								158.75		136.85	12.64	1			157.00	1.75
0011								159.50		136.85	12.64	1	1		160.75	-1.25
0012								158.25		136.85	12.64	1			157.00	1.25
0013								156.00		136.85	12.64	1			157.00	-1.00
0014								157.75		136.85	12.64	1			157.00	0.75
0015								160.00		136.85	12.64	1	1		160.75	-0.75
0016								157.00		136.85	12.64	1			157.00	0.00
0017								159.25		136.85	12.64	1	1		160.75	-1.50
0018								156.25		136.85	12.64	1			157.00	-0.75
0019								157.75		136.85	12.64	1			157.00	0.75
0020								161.50		136.85	12.64	1	1		160.75	0.75
0021								158.25		136.85	12.64	1			157.00	1.25
0022								158.75		136.85	12.64	1			157.00	1.75
0023								156.00		136.85	12.64	1			157.00	-1.00
0024								159.00		136.85	12.64	1			157.00	2.00
0025								156.00		136.85	12.64	1			157.00	-1.00
0026								159.50		136.85	12.64	1			157.00	2.50
0027								160.75		136.85	12.64	1	1		160.75	0.00
0028								162.00		136.85	12.64	1	1		160.75	1.25

DO NOT USED Serail numbers SN0006 and SN0026

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S/N							total measured weight, lbs	blade thickness, in	1/2 X bare baffle wt, lbs	1/2 fixed wt, lbs	D1002417-1 7.512	D1002417-2 3.75	other	total balanced baffle wt, lbs	balance error
Matched Pairs	IFO														
0005	1						159.50		136.85	12.64	1	1		160.75	-1.25
0011	1						159.50		136.85	12.64	1	1		160.75	-1.25
0007	1						157.75		136.85	12.64	1			157.00	0.75
0014	1						157.75		136.85	12.64	1			157.00	0.75
0008	1						159.00		136.85	12.64	1			157.00	2.00
0024	1						159.00		136.85	12.64	1			157.00	2.00
0010	1						158.75		136.85	12.64	1			157.00	1.75
0022	1						158.75		136.85	12.64	1			157.00	1.75
0009	2						161.75		136.85	12.64	1	1		160.75	1.00
0028	2						162.00		136.85	12.64	1	1		160.75	1.25
0013	2						156.00		136.85	12.64	1			157.00	-1.00
0023	2						156.00		136.85	12.64	1			157.00	-1.00
0018	2						156.25		136.85	12.64	1			157.00	-0.75
0025	2						156.00		136.85	12.64	1			157.00	-1.00
0016	2						157.00		136.85	12.64	1			157.00	0.00
0019	2						157.75		136.85	12.64	1			157.00	0.75
0012	3						158.25		136.85	12.64	1			157.00	1.25
0021	3						158.25		136.85	12.64	1			157.00	1.25
0015	3						160.00		136.85	12.64	1	1		160.75	-0.75
0027	3						160.75		136.85	12.64	1	1		160.75	0.00
0017	3						159.25		136.85	12.64	1	1		160.75	-1.50
0020	3						161.50		136.85	12.64	1	1		160.75	0.75
DO NOT USED Serail numbers SN0006 and SN0026															
0006	3						154.25		136.85	12.64		1		153.24	1.01
0026	3						159.50		136.85	12.64	1			157.00	2.50