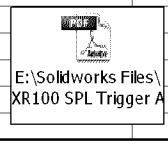
	A	B	C	D	E	F	G	H	I	J	K
1	Inspection Date:		2/27/2007								
2		**A**	**A**	**A**	**J**	**B**	**K**	**D**	**B**	**C**	**D**
3	Trigger #	Pivot Hole Gage Pin Diameter	Pivot Hole Diameter	Pivot Hole Diameter	Top Line Straightness = Angularity	Top Line RMS Error	Rear Line Straightness = Angularity	Rear Line RMS Error	Distance Top Edge: Distance XY	Angle Datum C to Top: Angle	Distance Rear Edge: Distance XY
4		Gage Pin		MV	MV	MV	MV	MV	MV	MV	MV
5	Nominal		0.1260	0.12600	0.00050		0.00100		1.04500	91.0000	0.05000
6	Plus		0.0005	0.00050	0.00000		0.00000		0.00100	0.3000	0.00100
7	Minus		0.0005	0.00050	0.00050		0.00100		0.00100	0.3000	0.00100
8	1	.1255+	0.1257	0.12589	0.00027	0.00005	0.00040	0.00007	1.04593	90.8097	***0.04786***
9	2	.1255+	0.1257	0.12589	0.00023	0.00003	0.00051	0.00012	1.04590	90.7280	***0.04538***
10	3	.1255+	0.1257	0.12594	0.00027	0.00007	0.00055	0.00011	1.04557	90.9122	***0.04430***
11	4	.1255+	0.1257	0.12578	0.00020	0.00004	0.00027	0.00006	1.04599	90.7965	***0.04715***
12	5	.1255+	0.1257	0.12576	0.00023	0.00004	0.00038	0.00008	1.04584	90.8000	***0.04794***
13	6	.1255+	0.1257	0.12587	0.00021	0.00003	0.00024	0.00005	1.04597	90.8700	***0.04513***
14	7	.1255+	0.1257	0.12581	0.00032	0.00007	0.00046	0.00007	1.04555	90.8163	***0.04686***
15	8	.1255+	0.1257	0.12580	0.00038	0.00009	0.00034	0.00006	1.04538	90.8420	***0.04372***
16	9	.1255+	0.1257	0.12577	0.00022	0.00006	0.00035	0.00008	1.04590	90.9215	***0.04804***
17	10	.1255+	0.1257	0.12593	0.00046	0.00009	0.00060	0.00015	1.04536	90.8845	***0.04609***
18	11	.1255+	0.1257	0.12583	0.00018	0.00004	0.00052	0.00011	1.04525	90.8869	***0.04519***
19	12	.1255+	0.1257	0.12580	0.00036	0.00009	0.00026	0.00006	1.04554	90.7112	***0.04750***
20	13	.1255+	0.1257	0.12588	0.00016	0.00003	0.00056	0.00010	1.04575	90.9753	***0.04495***
21	14	.1255+	0.1257	0.12573	0.00019	0.00004	0.00028	0.00006	1.04582	90.8379	***0.04509***
22	15	.1255+	0.1257	0.12586	0.00041	0.00007	0.00021	0.00006	1.04579	90.8077	***0.04394***
23	16	.1255+	0.1257	0.12592	0.00025	0.00005	0.00083	0.00014	1.04544	90.8261	***0.04472***
24	17	.1255+	0.1257	0.12591	0.00043	0.00009	0.00085	0.00017	1.04578	90.8543	***0.04898***
25	18	.1255+	0.1257	0.12601	0.00032	0.00006	0.00047	0.00006	1.04592	90.9722	0.04990
26	19	.1255+	0.1257	0.12593	0.00022	0.00004	0.00050	0.00009	1.04598	90.8719	***0.04616***
27	20										
28	21	.1255+	0.1257	0.12591	0.00017	0.00004	0.00033	0.00007	1.04510	90.8407	***0.04650***
29	22	.1255+	0.1257	0.12577	0.00019	0.00004	0.00021	0.00006	1.04573	90.7703	***0.04707***
30	23	.1255+	0.1257	0.12581	0.00012	0.00002	0.00013	0.00003	1.04528	90.9046	***0.04728***
31	24	.1255+	0.1257	0.12584	0.00033	0.00007	0.00063	0.00013	1.04584	90.7153	***0.04822***
32	25	.1255+	0.1257	0.12590	0.00025	0.00006	0.00039	0.00010	1.04572	90.8231	***0.04557***
33	26	.1255+	0.1257	0.12592	0.00021	0.00004	0.00017	0.00004	**1.04608**	90.8630	***0.04685***
34											
35	Average		0.1257	0.12586	0.00026	0.00005	0.00042	0.00009	1.04570	90.8416	0.04642
36	SD		0.0000	0.00007	0.00009	0.00002	0.00019	0.00004	0.00027	0.0691	0.00161
37	Max		0.1257	0.12601	0.00046	0.00009	0.00085	0.00017	1.04608	90.9753	0.04990
38	Min		0.1257	0.12573	0.00012	0.00002	0.00013	0.00003	1.04510	90.7112	0.04372
39	Range		0.0000	0.00028	0.00034	0.00007	0.00072	0.00014	0.00098	0.2641	0.00618
40											
41		**OHL**	= over high limit								

	L	M	N	O
1				
2	**E**	**F**	**G**	**H**
3	Angle Datum C Rear Edge: Angle	Distance Datum C to Pivot: Distance XY	Angle from Top to Rear Surface	Sear Engagement Surface Roughness
4	MV	MV	MV	Surfometer
5	5.0000	0.05000	86.0000	16.0
6	0.4000	0.00400	0.4000	0.0
7	0.4000	0.00400	0.4000	16.0
8	4.9301	0.05143	85.8796	5.2
9	4.7031	0.05042	86.0248	5.5
10	4.7364	0.05118	86.1758	4.0
11	4.8257	0.05062	85.9708	3.9
12	4.9328	0.05115	85.8672	4.9
13	4.6183	0.04933	86.2517	5.5
14	4.8434	0.05099	85.9729	5.9
15	4.6164	0.05053	86.2256	7.4
16	4.8849	0.05082	86.0367	5.1
17	4.9232	0.05231	85.9614	4.3
18	4.8452	0.05200	86.0416	7.1
19	4.8047	0.05009	85.9065	5.2
20	4.9254	0.05315	86.0499	3.0
21	4.7552	0.05132	86.0827	6.1
22	4.6929	0.05106	86.1148	4.4
23	4.7411	0.05075	86.0850	4.6
24	5.0360	0.05191	85.8183	4.0
25	5.0251	0.05128	85.9471	5.0
26	4.7922	0.05097	86.0797	5.6
27				
28	4.7797	0.05044	86.0610	5.2
29	4.8189	0.05069	85.9514	3.5
30	4.8213	0.05048	86.0833	5.6
31	4.8678	0.05010	85.8475	8.0
32	4.7322	0.05053	86.0909	4.0
33	4.8623	0.05111	86.0007	5.4
34				
35	4.8206	0.05099	86.0211	5.1
36	0.1089	0.00078	0.1115	1.185
37	5.0360	0.05315	86.2517	8.0
38	4.6164	0.04933	85.8183	3.0
39	0.4196	0.00382	0.4334	5.0
40				
41				

	A	B	C	D	E	F	G	H	I	J	K
42		***ULL***	= under low limit								
43											
44											
45											
46											
47											
48											
49											



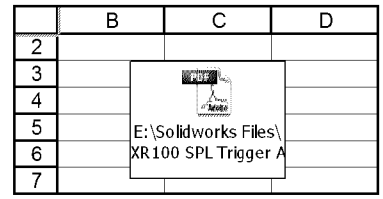
Cell: F3
Comment: Jim Ronkainen:
This attribute is a measurement of the RMS error for the points to the calculated line and is a measure of "goodness of fit" of the data to a perfect line. Lower values are better.

Cell: H3
Comment: Jim Ronkainen:
This attribute is a measurement of the RMS error for the points to the calculated line and is a measure of "goodness of fit" of the data to a perfect line. Lower values are better.

Cell: K3
Comment: Jim Ronkainen:
Values are running out of spec, possibly due to the short length of the edge and straightness issues with the "best fit" line. Feature is not critical to function as engagement is adjusted at assembly and will negate the out of spec condition.

Cell: A27
Comment: Jim Ronkainen:
Trigger #20 is missing

Cell: I33
Comment: Jim Ronkainen:
Part is just above upper limit - variation beyond the upper limit is within the resolution limits of the machine. Part is OK to use as-is.


B
C
D
2
3
4
5
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7
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XR100 SPL Trigger A