

# Mechanical Music Registry Project

## Wurlitzer Direct Drive Gear (DDG) Database Report

Direct Drive Gear Units -- Grouped by Type and Indexed by Piano Serial Number.

Saturday, January 27, 2018

Originating data for this listing collected and compiled by Art Reblitz  
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Total items listed in this report: 96

Style Notes: 1. A dagger (†) in place of or following a piano serial number indicates a worm gear standard that is orphaned or no longer associated with any piano.

### DDG Type - Open Gear Tall Base

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N
9233	Pianino	1904	No Nameplate	Open Gear Tall Base	8-3/4"	P	----
10570	Pianino	1906	No Nameplate	Open Gear Tall Base	8-3/4"	P	----
10600	Pianino	1906	No Nameplate	Open Gear Tall Base	8-3/4"	P	----
11089	Pianino	1907	No Nameplate	Open Gear Tall Base	8-3/4"	P	----
11358	Pianino	1907	No Nameplate	Open Gear Tall Base	8-3/4"	P	----
11431	Mandolin Quartette	1907	No Nameplate	Open Gear Tall Base	8-3/4"	P	----
11497	Pianino	1907	No Nameplate	Open Gear Tall Base	8-3/4"	P	----
11710	Pianino	1907	No Nameplate	Open Gear Tall Base	8-3/4"	--	----
Comments: Replacement modern v-belt pulley.							
12921	Mandolin Quartette	1909	No Nameplate	Open Gear Tall Base	8-3/4"	P	----
14284	Pianino	1910	No Nameplate	Open Gear Tall Base	8-3/4"	P	----
15314	Pianino	1911	No Nameplate	Open Gear Tall Base	8-3/4"	P	----
15636	Pianino	1911	No Nameplate	Open Gear Tall Base	8-3/4"	P	----
31826	Violin-Flute Pianino	1917	No Nameplate	Open Gear Tall Base	8-3/4"	P	----
Comments: Pot metal crankshaft bushings.							
59742	Violin-Flute Pianino	1924	No Nameplate	Open Gear Tall Base	8-3/4"	P	----
80298	V-F Pianino w/Xylo	1925	No Nameplate	Open Gear Tall Base	8-3/4"	P	----
106117	V-F Pianino w/Xylo	1928	No Nameplate	Open Gear Tall Base	8-3/4"	P	----

Total Items this section: 16

### DDG Type - Open Gear Tall Base with Rewind Linkage

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N
17104	Violin-Flute Pianino	----	No Nameplate	Open Gear Tall Base with Rewind Linkage	8-3/4"	P	----
17625	Violin-Flute Pianino	----	No Nameplate	Open Gear Tall Base with Rewind Linkage	8-3/4"	P	----

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N
18406	Violin-Flute Pianino	----	No Nameplate	Open Gear Tall Base with Rewind Linkage	8-3/4"	P	----
19255	Violin-Flute Pianino	1913	No Nameplate	Open Gear Tall Base with Rewind Linkage	8-3/4"	P	----
26930	Violin-Flute Pianino	----	No Nameplate	Open Gear Tall Base with Rewind Linkage	8-3/4"	P	----
40507	Violin-Flute Pianino	1921	No Nameplate	Open Gear Tall Base with Rewind Linkage	8-3/4"	P	----
89850	Violin-Flute Pianino	1926	No Nameplate	Open Gear Tall Base with Rewind Linkage	8-3/4"	P	----

Total Items this section: 7

### DDG Type - Open Gear Short Base

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N
13929	88-Note Style A	1910	No Nameplate	Open Gear Short Base	6-3/4"	--	----
14078	I 65-Note Piano	1910	No Nameplate	Open Gear Short Base	6-3/4"	P	----
14727	C Orchestra Piano	1910	No Nameplate	Open Gear Short Base	6-3/4"	--	----
14939	A 65-Note Piano	1911	No Nameplate	Open Gear Short Base	6-3/4"	P	----
Owner: Paul Horgan (reported 1/8/2017)							
15661	I 65-Note Piano	1911	No Nameplate	Open Gear Short Base	6-3/4"	P	----
16040	IX 65-Note Piano	1911	No Nameplate	Open Gear Short Base	6-3/4"	--	----
Comments: Brass crankshaft bushings. 2-1/2" O.D. fiber gear on vertical shaft.							
16772	IX 65-Note Piano	1912	No Nameplate	Open Gear Short Base	6-3/4"	--	----
Comments: Motor on shelf lower than gear standard platform.							
17452	I 65-Note Piano	1912	No Nameplate	Open Gear Short Base	6-3/4"	--	----
Comments: Brass crankshaft bushings.							
17461	I 65-Note Piano	1912	No Nameplate	Open Gear Short Base	6-3/4"	--	----
18509	I 65-Note Piano	1913	No Nameplate	Open Gear Short Base	6-3/4"	--	----
19025	I 65-Note Piano	----	No Nameplate	Open Gear Short Base	6-3/4"	--	----
20260	I 65-Note Piano	1914	No Nameplate	Open Gear Short Base	6-3/4"	--	----
20280	I 65-Note Piano	----	No Nameplate	Open Gear Short Base	6-3/4"	--	----
21922	I 65-Note Piano	----	No Nameplate	Open Gear Short Base	6-3/4"	--	----
Comments: Worm shaft in gear standard is larger diameter than in Wurlitzer Style IX #16040. Pot metal crankshaft bushings.							
22252	I 65-Note Piano	----	No Nameplate	Open Gear Short Base	6-3/4"	--	----
22434	I 65-Note Piano	----	No Nameplate	Open Gear Short Base	6-3/4"	--	----
22676	IX 65-Note Piano	1915	No Nameplate	Open Gear Short Base	6-3/4"	--	----

Total Items this section: 17

### DDG Type - Open Gear Short Base w/tall spacer block

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N
39520	Violin-Flute Pianino	----	No Nameplate	Open Gear Short Base w/tall spacer block	6-3/4"	P	----

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N
42861	Violin-Flute Pianino	1920	No Nameplate	Open Gear Short Base w/tall spacer block	6-3/4"	P	----
55083	V-F Pianino w/Xylo	1924	No Nameplate	Open Gear Short Base w/tall spacer block	6-3/4"	P	----
94728	V-F Pianino w/Xylo	----	No Nameplate	Open Gear Short Base w/tall spacer block	6-3/4"	P	----
94745	Violin-Flute Pianino	1926	No Nameplate	Open Gear Short Base w/tall spacer block	6-3/4"	P	----
105331	V-F Pianino w/Xylo	1927	No Nameplate	Open Gear Short Base w/tall spacer block	6-3/4"	P	----
105766	V-F Pianino w/Xylo	1927	No Nameplate	Open Gear Short Base w/tall spacer block	6-3/4"	P	----
106468	Violin-Flute Pianino	1928	No Nameplate	Open Gear Short Base w/tall spacer block	6-3/4"	P	----

**Total Items this section: 8**

### DDG Type - Heavy Gear Standard - Details Unknown

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N
19079	BX Orchestra Piano	1913	Heavy Gear Standard	Heavy Gear Standard - Details Unknown	9-3/8"	--	----
Comments: Big gear standard. 2-1/2" O.D. fiber gear on vertical shaft.							
35326	BX Orchestra Piano	1918	Heavy Gear Standard	Heavy Gear Standard - Details Unknown	9-3/8"	--	----
Comments: Oil pan.							

**Total Items this section: 2**

### DDG Type - Heavy Gear Std. with oil cups (enclosed)

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N
16586	Bijou Orchestra	1912	No Nameplate	Heavy Gear Std. with oil cups (enclosed)	9-3/8"	--	----
Comments: Big gear standard - no brass label. 2-1/4" O.D. fiber gear on vertical shaft.							
16901	BX Orchestra Piano	1912	No Nameplate	Heavy Gear Std. with oil cups (enclosed)	9-3/8"	--	----
Comments: Big gear standard. 2-1/2" O.D. fiber gear on vertical shaft.							
18984	A 65-Note Violin	----	No Nameplate	Heavy Gear Std. with oil cups (enclosed)	9-3/8"	--	----
Comments: No nameplate. Owner: Dana Johnson (reported 11/11/2017)							
19811	A 65-Note Piano	----	No Nameplate	Heavy Gear Std. with oil cups (enclosed)	9-3/8"	--	473
Owner: George Duczak (reported 1/26/2015)							
20006	C Orchestra Piano	1913	No Nameplate	Heavy Gear Std. with oil cups (enclosed)	9-3/8"	--	----
Comments: No oil pan.							
20083	C Orchestra Piano	1913	No Nameplate	Heavy Gear Std. with oil cups (enclosed)	9-3/8"	--	----
Comments: No oil pan.							

**Total Items this section: 6**

### DDG Type - Heavy Gear Std; no oil cups (enclosed)

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N
14493	CX Orchestra Piano	1911	Heavy Gear Standard	Heavy Gear Std; no oil cups (enclosed)	9-3/8"	--	----
Comments: Oil pan.							

Total Items this section: 1

### DDG Type - SA 200 HG 3 Heavy Gear Std. (enclosed)

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N
17566	CX Orchestra Piano	1912	Heavy Gear Standard	SA 200 HG 3 Heavy Gear Std. (enclosed)	9-3/8"	--	1043
Comments: Pot metal crankshaft bushings. On the end of one crank are the die-stamped numbers 1200 over 74. 2-1/2" O.D. fiber gear on vertical shaft.							
17587	CX Orchestra Piano	1912	Heavy Gear Standard	SA 200 HG 3 Heavy Gear Std. (enclosed)	9-3/8"	--	1178
17814	C Orchestra Piano	1912	Heavy Gear Standard	SA 200 HG 3 Heavy Gear Std. (enclosed)	9-3/8"	--	----
20787	DX 65-Note w/Pipes	1913	Heavy Gear Standard	SA 200 HG 3 Heavy Gear Std. (enclosed)	9-3/8"	--	----
Comments: Pot metal crankshaft bushings. Oil pan.							
21264	BX Orchestra Piano	1914	Heavy Gear Standard	SA 200 HG 3 Heavy Gear Std. (enclosed)	9-3/8"	--	1054
Comments: Pot metal crankshaft bushings.							
21274	BX Orchestra Piano	1914	Heavy Gear Standard	SA 200 HG 3 Heavy Gear Std. (enclosed)	9-3/8"	--	965
21386	B Orchestra Piano	1914	Heavy Gear Standard	SA 200 HG 3 Heavy Gear Std. (enclosed)	9-3/8"	--	----
Comments: Painted gray.							
22212	CX Orchestra Piano	1915	Heavy Gear Standard	SA 200 HG 3 Heavy Gear Std. (enclosed)	9-3/8"	--	1543
23187	DX 65-Note w/Pipes	----	Heavy Gear Standard	SA 200 HG 3 Heavy Gear Std. (enclosed)	9-3/8"	--	----
Comments: Oil pan.							

Total Items this section: 9

### DDG Type - Style B (enclosed) - Details Unknown

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N
17582	CX Orchestra Piano	----	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
17613	CX Orchestra Piano	1912	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
19185	C Orchestra Piano	1913	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
19961	I 65-Note Piano	1913	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
23802	I 65-Note Piano	1915	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
Comments: Oil pan.							
24647	BX Orchestra Piano	1916	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
Comments: Small gear standard. 2-1/4" O.D. fiber gear on vertical shaft.							
27388	EX Orchestra Piano	1917	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
Comments: Small gear standard. 2-1/4" O.D. fiber gear on vertical shaft.							
34704	C Orchestra Piano	1918	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
Comments: Small gear standard. 2-1/4" O.D. fiber gear on vertical shaft.							

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N
36881	I 65-Note Piano	1919	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
Comments: Oil pan.							
36986	I 65-Note Piano	1919	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
38827	I 65-Note Piano	1919	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
39358	CX Orchestra Piano	1919	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
Comments: Possibly a Type SA-BB.							
40224	IX 65-Note Piano	1920	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
Comments: Oil pan.							
50068	DX 65-Note w/Pipes	1922	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
Comments: Small gear standard. 2-1/4" O.D. fiber gear on vertical shaft.							
62816	IX 65-Note Piano	1924	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
Comments: Oil pan.							
66185	LX Orchestra Piano	1924	Worm Gear Standard	Style B (enclosed) - Details Unknown	7-1/4"	--	----
Comments: Small gear standard. 2-1/4" O.D. fiber gear on vertical shaft.							

**Total Items this section: 16**

### DDG Type - SA (xxx xx) 1B (Style-B enclosed)

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N
†	Orphaned DDG	----	Heavy Gear Standard	SA (xxx xx) 1B (Style-B enclosed)	7-1/4"	--	755
Comments: Heavy Gear Standard nameplate; Type SA xxx xx 1B, with the "200 HG" part of the nameplate type field crossed-out and/or obliterated.							
26743	BX Orchestra Piano	1916	Heavy Gear Standard	SA (xxx xx) 1B (Style-B enclosed)	7-1/4"	--	----
Comments: Oil pan. Heavy Gear Standard nameplate; Type SA xxx xx 1B, with the "200 HG" part of the nameplate type field crossed-out and/or obliterated.							

**Total Items this section: 2**

### DDG Type - SA-1B (53-tooth Gear, Style-B enclosed)

Piano / Orchestrion			DDG Nameplate and Other Related Data				
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N
†	Orphaned DDG	----	Worm Gear Standard	SA-1B (53-tooth Gear, Style-B enclosed)	7-1/4"	--	489
~~~~~	IX 65-Note Piano	----	Worm Gear Standard	SA-1B (53-tooth Gear, Style-B enclosed)	7-1/4"	--	----
Comments: Small gear standard. 2-1/4" O.D. fiber gear on vertical shaft.							
31340	IX 65-Note Piano	1918	Worm Gear Standard	SA-1B (53-tooth Gear, Style-B enclosed)	7-1/4"	--	----
Comments: Oil pan.							
33922	BX Orchestra Piano	1918	Worm Gear Standard	SA-1B (53-tooth Gear, Style-B enclosed)	7-1/4"	--	----
Comments: Small gear standard. 2-1/4" O.D. fiber gear on vertical shaft.							
35949	CX Orchestra Piano	1918	Worm Gear Standard	SA-1B (53-tooth Gear, Style-B enclosed)	7-1/4"	--	----
Comments: Pot metal crankshaft bushings.							

**Total Items this section: 5**

Piano / Orchestrion			DDG Nameplate and Other Related Data					
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N	

**DDG Type - SA-1B (40-tooth Gear, Style-B enclosed)**

Piano / Orchestrion			DDG Nameplate and Other Related Data					
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N	

99719 W Organette 1927 Worm Gear Standard SA-1B (40-tooth Gear, Style-B enclosed) 7-1/4" -- 2789  
 Comments: This is the only 40-tooth fiber gear (about 4-3/16" diameter) worm gear standard, with a 13 to 1 gear ratio, to be observed as of mid 2015.

**Total Items this section: 1**

**DDG Type - SA-BB (Style-BB enclosed)**

Piano / Orchestrion			DDG Nameplate and Other Related Data					
S/N	Model/Style	Year	Gear Standard Title	Type and/or Description	Height	Pulley	S/N	

† Orphaned DDG ---- Worm Gear Standard SA-BB (Style-BB enclosed) 7-1/4" -- 5734

14271 88-Note Style A 1910 Worm Gear Standard SA-BB (Style-BB enclosed) 7-1/4" -- ----

Comments: Original open gear standard replaced by later Style-BB during factory rebuild.

19993 CX Orchestra Piano ---- Worm Gear Standard SA-BB (Style-BB enclosed) 7-1/4" -- ----

54432 I 65-Note Piano 1924 Worm Gear Standard SA-BB (Style-BB enclosed) 7-1/4" -- ----

Comments: Oil pan.

54526 IX 65-Note Piano 1924 Worm Gear Standard SA-BB (Style-BB enclosed) 7-1/4" -- 5547

Comments: Worm Gear Standard nameplate, 51 tooth fiber gear, 3 thread worm, 1150 RPM.

Owner: Paul Horgan (reported 1/8/2017)

106443 Horse Race Pianino 1928 Worm Gear Standard SA-BB (Style-BB enclosed) 7-1/4" P ----

Comments: Oil pan under gear standard.

**Total Items this section: 6**

**End of Report - Total items listed in this report: 96**