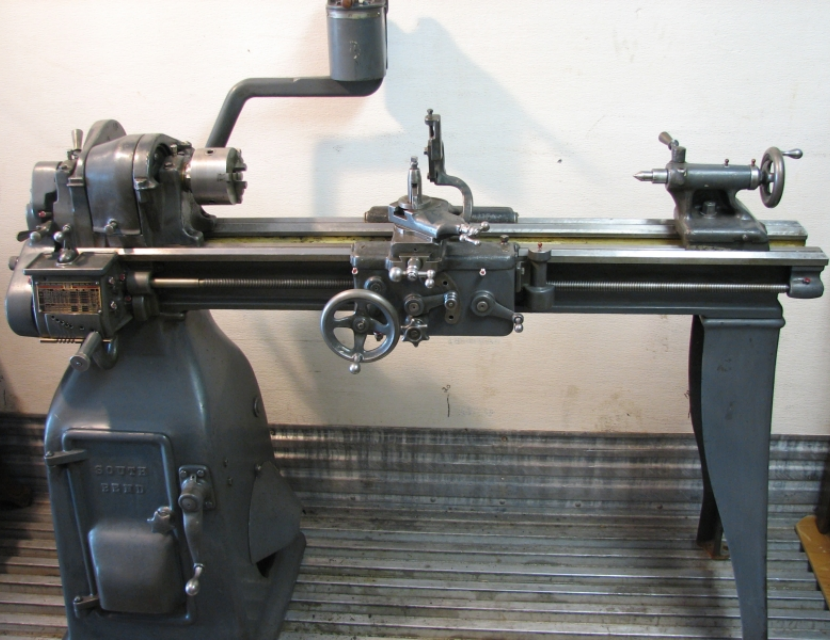
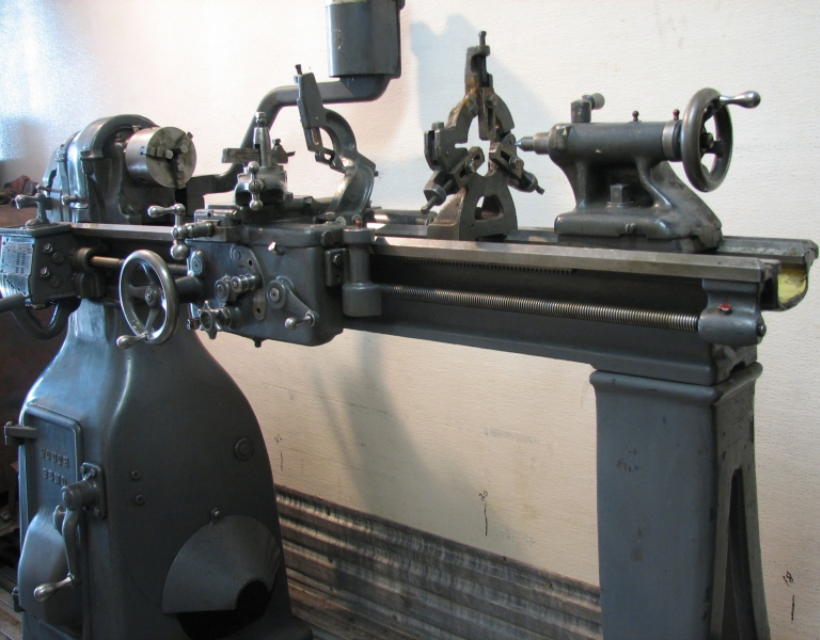
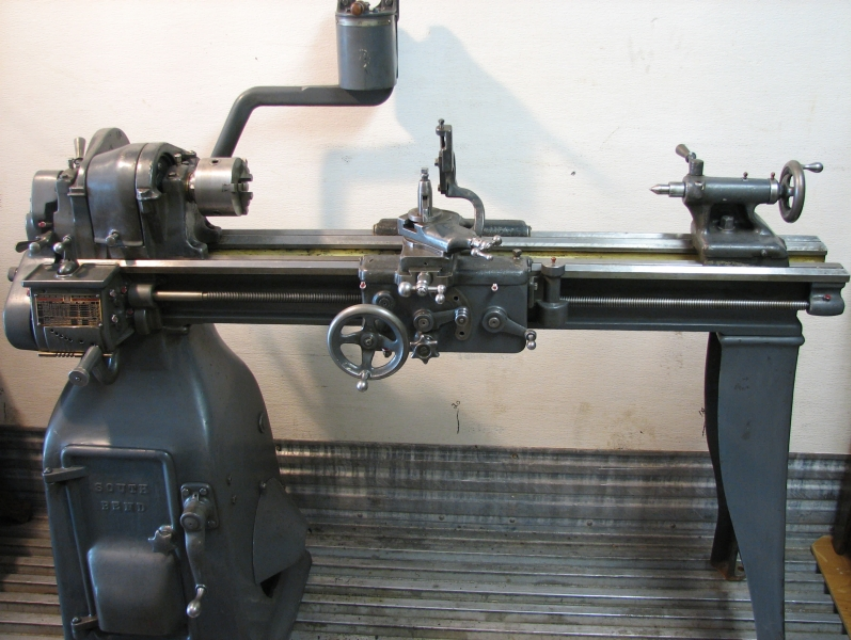
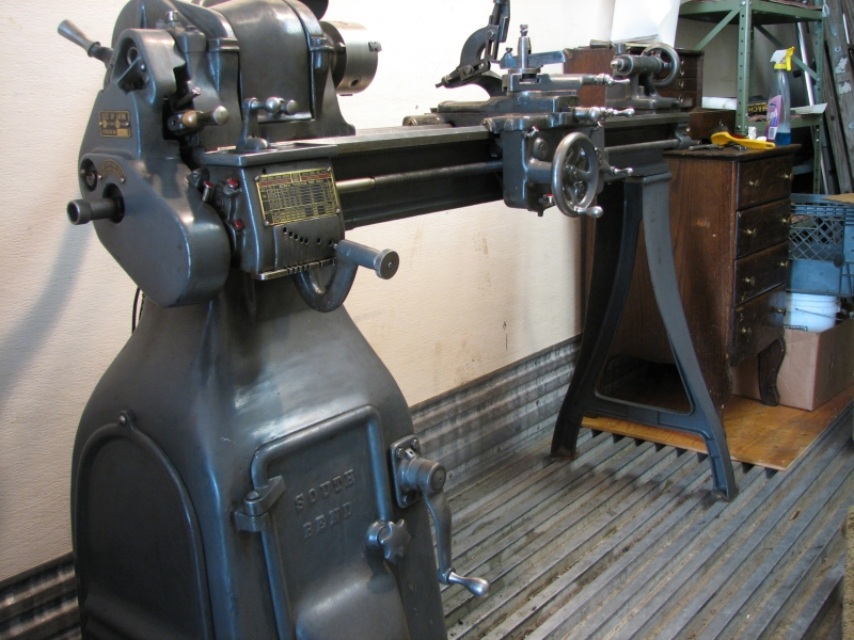
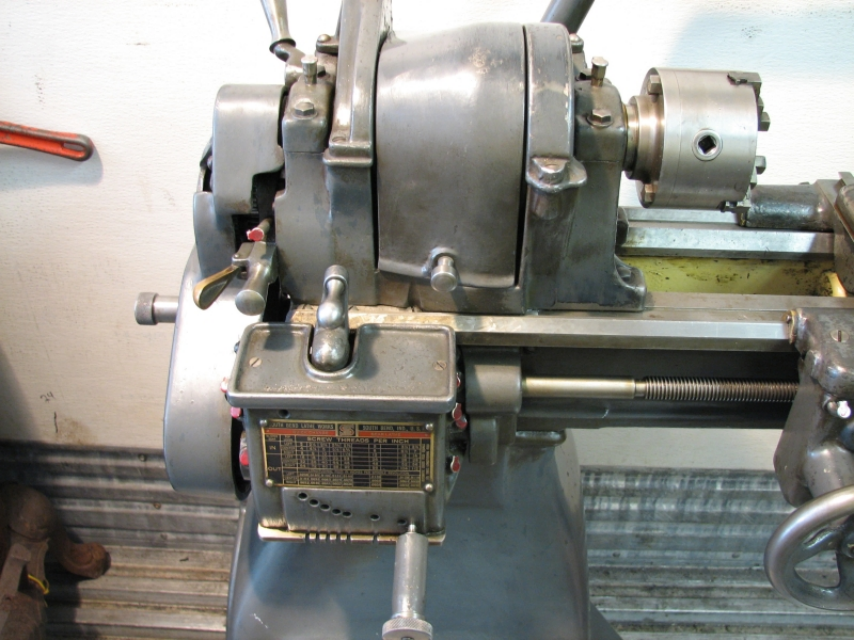






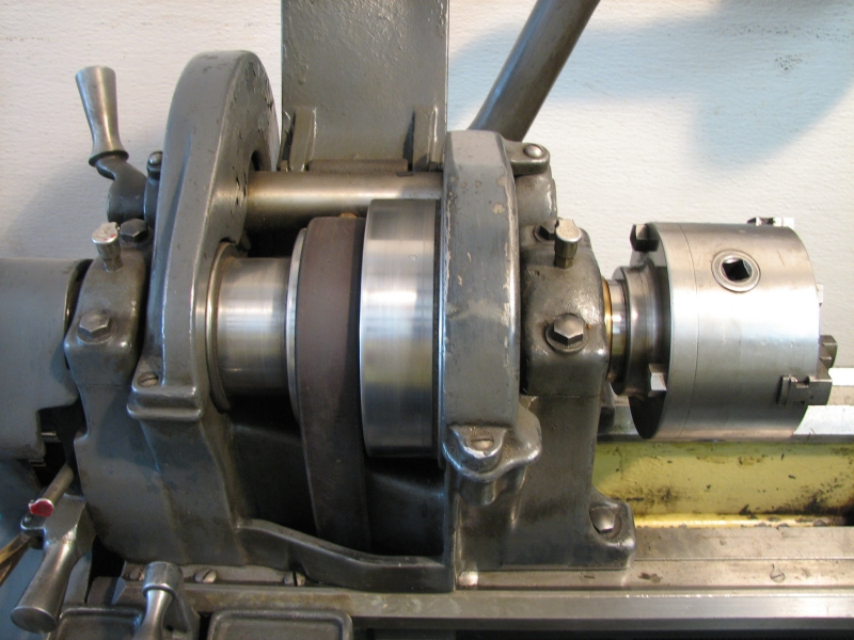


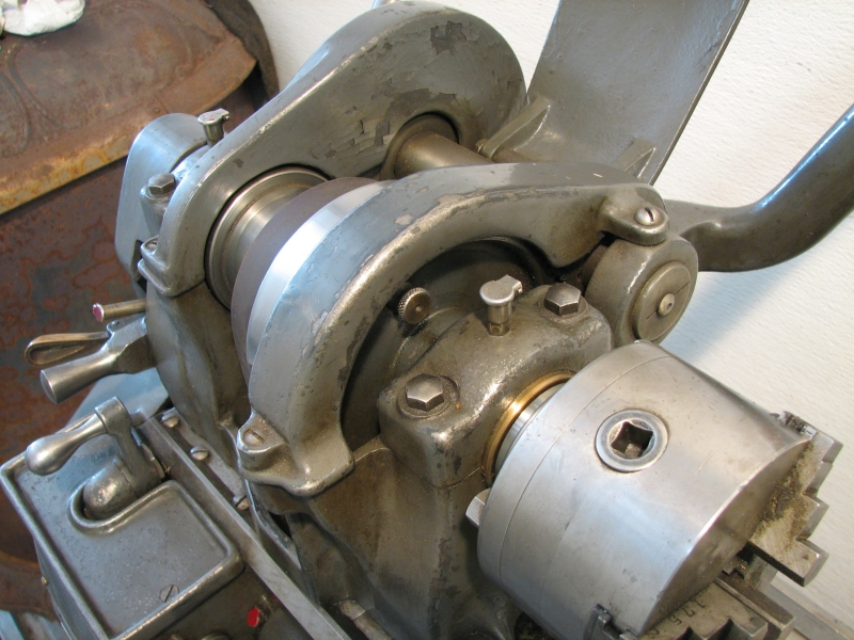


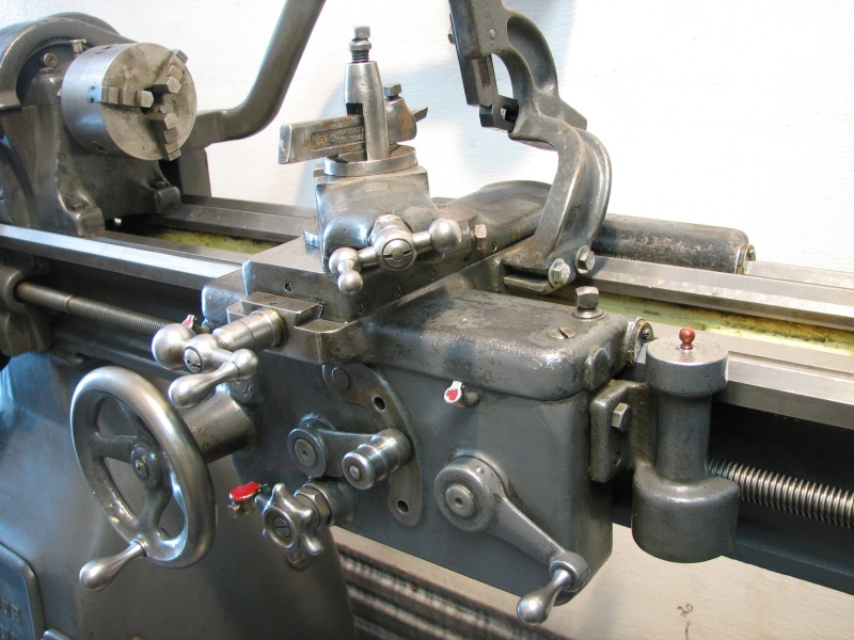


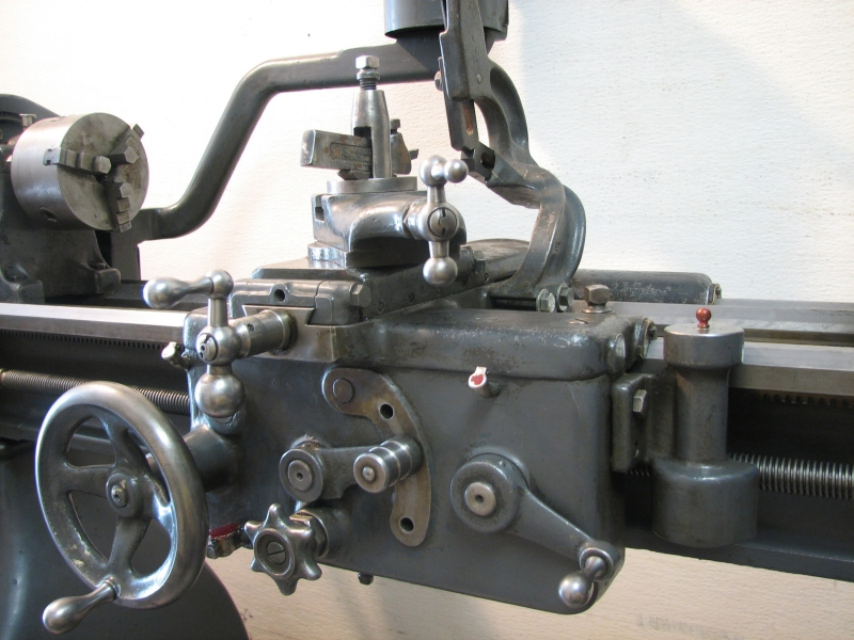
FOR BEST LATHE WORK SOUTH BEND CO. U.S.A.

IN.	SCREW	FEED	PER	INCH
1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4
1	1	1	1	1
1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
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2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
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3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
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57 1/2	57 1/2	57 1/2	57 1/2	57 1/2
57				









1211349



58184.

SIZE OF LATHE

9

IN. SWING

$4\frac{1}{2}$

FT. BED

CATALOG NO.

180-R

SOUTH BEND LATHE WORKS



SOUTH BEND, IND., U. S. A.

9 QUICK CHANGE

GEAR LATHE

9

SLIDING GEAR	TOP LEVER	SCREW THREADS PER INCH									
IN	LEFT	2	2¼	2½	2¾	2⅞		3		3¼	3½
	CENTER	4	4½	5	5½	5¾		6		6½	7
	RIGHT	8	9	10	11	11½		12		13	14
OUT	LEFT	16	18	20	22	23		24		26	28
	CENTER	32	36	40	44	46		48		52	56
	RIGHT	64	72	80	88	92		96		104	112
		LONGITUDINAL FEED IN INCHES PER SPINDLE REVOLUTION									
	LEFT	.0208	.0185	.0166	.0151	.0144		.0138		.0128	.0119
	CENTER	.0104	.0093	.0083	.0075	.0072		.0069		.0064	.0059
	RIGHT	.0052	.0046	.0041	.0037	.0036		.0034		.0032	.0030

AUTOMATIC CROSS FEED EQUALS
3/75 TIMES LONGITUDINAL FEED

6248
4-28-26

Westinghouse

TYPE **N103**

DRUM SWITCH FORM **E**

H. P. VOLTS A. C. STYLE

H. P. VOLTS D. C. **505173-D**

RATINGS REDUCED FOR HIGHER AND LOWER VOLTAGES

PAT. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY
8-30-21 EAST PITTSBURGH WORKS, EAST PITTSBURGH, PA., U. S. A.

REPULSION INDUCTION MOTOR

MODEL NO. 106802

WHEN ORDERING PARTS
GIVE MODEL NUMBER

TYPE SCR A 106 E D 1200 FORM #1

CYCLES 60 FULL LOAD SPEED 1180 SINGLE PHASE

REVERSIBLE

VOLTS 110

AMP. 7.8



H.P. 1/4

°C.

1 HR.

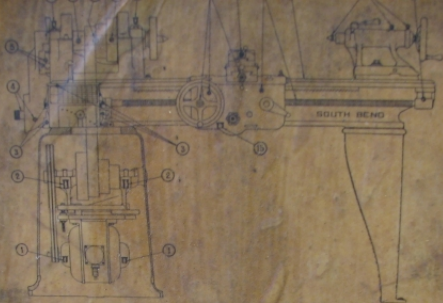
50

PAT'D JULY 13, '09 NOV. 12, '12 JULY 4, '15

NO.

GENERAL ELECTRIC CO., U.S.A.

N.P. 28764



OILING CHART

Series "N" South Bend Underneath Belt Drive Lathes

Oil the lathe every day according to the above chart because the bearings may be damaged in a very short time if the lathe is operated without sufficient lubrication. Use a good quality, medium weight machine oil or automobile engine oil. Always stop the lathe before oiling. Numbers 1, 2 and 15 indicate fillers for large oil reservoirs. Although these will require filling only about once a week, they should be inspected daily.

OIL EVERY DAY

- | | |
|--|---------------------------------|
| 1. Motor bearings. | 8. Back gear quill. |
| 2. Lower cone pulley bearings. | 9. Apron and cross lead screw. |
| 3. Quick change gear box. Oil with
tumbler lever in hole at extreme left. | 10. Compound rest screw. |
| 4. Primary gears. | 11. Half-nuts and lead screw. |
| 5. Reverse lever. | 12. "V" ways of lathe bed. |
| 6. Headstock spindle bearings. | 13. Tailstock. |
| 7. Cone pulley bearings. | 14. Lead screw bearing. |
| | 15. Apron oil reservoir filler. |

South Bend Lathe Works.

1913-1914-1915-1916-1917



8134