Logan Lathe

PARTS LIST

LOGAN ENGINEERING COMPANY • Chicago, Ill.

No. 825

PARTS LIST

for

No. 825—QUICK CHANGE GEAR CABINET MODEL LATHE

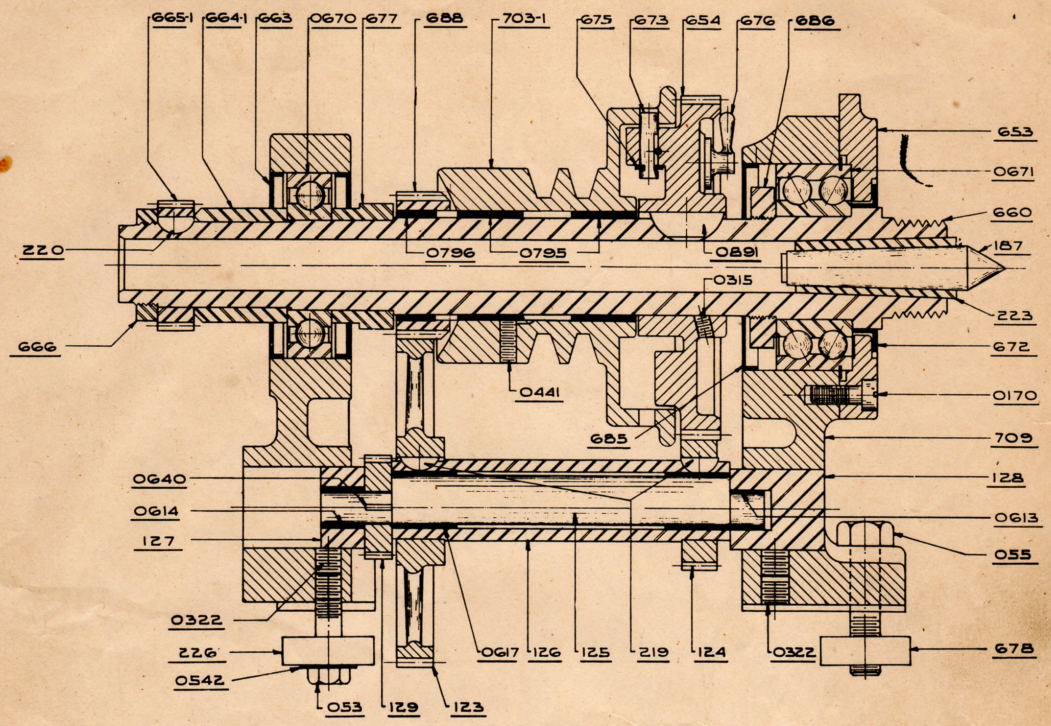
HOW TO ORDER REPAIR PARTS

Should you need repair parts for your lathe the following information is necessary to fill your order promptly and correctly.

1. Complete name and number of the part as listed in the parts list.
2. Model and serial number of your lathe. Serial number is stamped on top of the front way at the right end of the lathe.
3. Correct priority must accompany order.

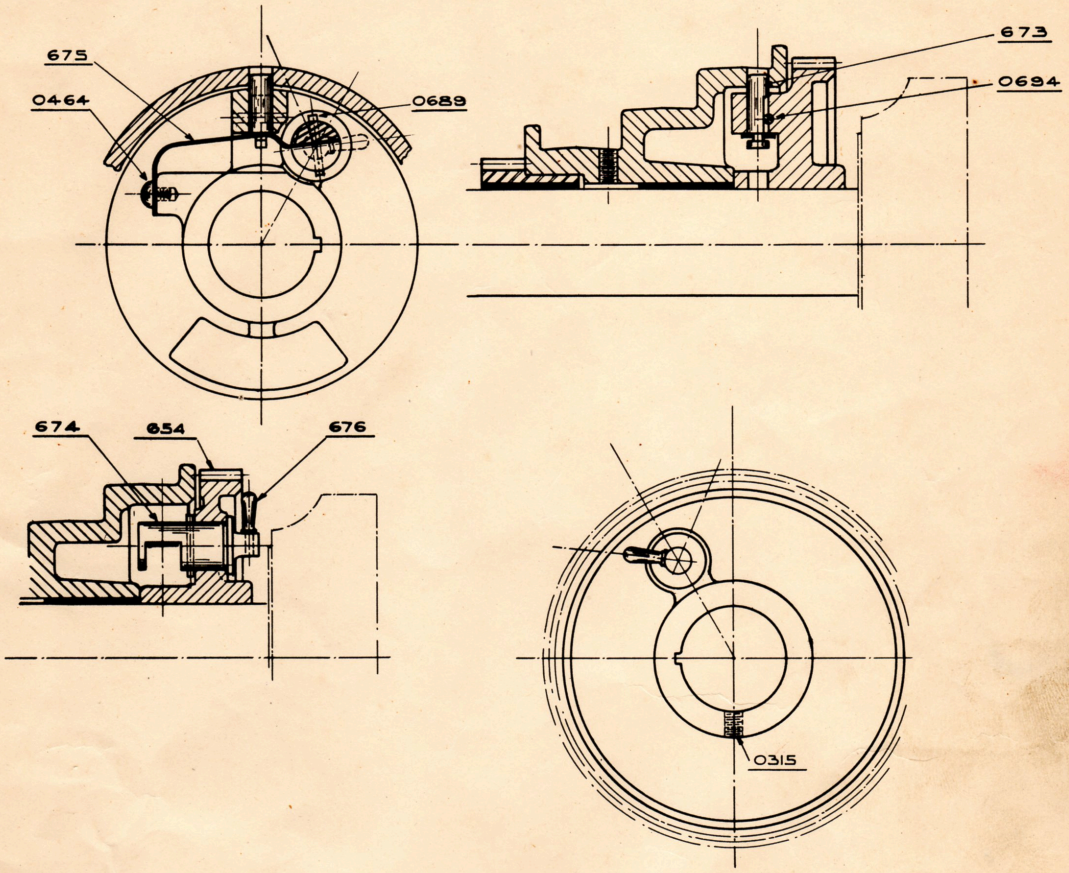
Please place your order through the Logan dealer from whom you obtained the lathe.

PLEASE NOTE: The model and serial number of your lathe must appear on your order to insure prompt shipment.



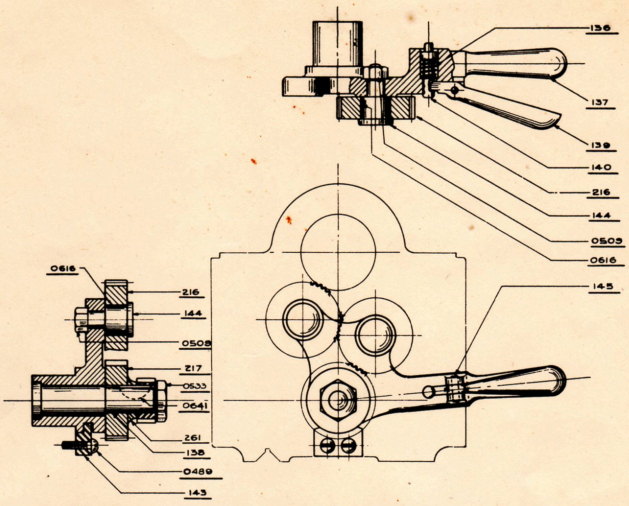
PART NO.	NO. REQ'D	NAME OF PART	SHIP.WT. LBS.	SHIP.WT. OZ.	PRICE EACH
LA-123	1	70T Back Gear	3	8	$2.10
LA-124	1	28T Back Gear		8	1.50
LA-125	1	Eccentric Shaft	1	12	1.70
LA-126	1	Quill with 2 of 0617	1	14	2.00
LA-127	1	Bushing with 0614		8	.40
LA-128	1	Bushing with 0613		12	.40
LA-129	1	Shifter Gear		10	.50
LA-170	1	Face Plate 6" (Not shown)	4	4	2.25
LA-187	2	Center		10	2.00
LA-219	2	Key		3	.05
LA-220	1	Key		3	.05
LA-223	1	Sleeve		12	2.00
LA-653	1	End Bearing Cap	3		2.65
LA-654-A		Bull Gear (See Bull Gear Assembly)			
LA-660	1	Spindle	5	10	15.00
LA0663	2	Bearing Cover		3	.20
LA-664-1	1	Retaining Collar		12	1.15
LA-665-1	1	30T Spindle Gear		5	1.25
LA-666	1	Rear Take-Up Nut		8	.50
LA-672	1	Grease Seal		3	.20
LA-673		Plunger (See Bull Gear Assembly)			
LA-675		Spring (See Bull Gear Assembly)			
LA-676		Handle (See Bull Gear Assembly			

PART NO.	NO. REQ'D	NAME OF PART	SHIP.WT. LBS.	SHIP.WT. OZ.	PRICE EACH
LA-677	1	Spacer		8	$ .80
LA-685	1	Bearing Cover		3	.25
LA-688	1	Cone Pinion with 0796	1	3	
LA-703-1	1	Spindle Pulley with 2 of 0795 and 0441	8		6.75
LA-709	1	Headstock (Casting)	29		21.00
LA-935	2	V Belt (Shown on Drive Assembly)		3	1.20
0170	4	Fil. Hd. Cap Screw 5/16-18 x 7/8		3	.05
0315	1	Socket Set Screw 5/16-18 x 3/8		3	.10
0322	2	Socket Set Screw 7/16-14 x 5/16		3	.10
0441	1	Headless Set Screw 1/4-20 x 3/8		3	.05
0613	1	Oilless Bearing		3	.15
0614	1	Oilless Bearing		3	.20
0617	2	Oilless Bearing		4	.25
0640	1	Woodruff Key 1/8 x 1/2		3	.05
0670	1	Ball Bearing #77507	1	8	4.90
0671	1	Ball Bearing #45508	2		8.95
0795	2	Oilless Bearing			.40
0796	1	Oilless Bearing			.30
0891	1	Key		3	.05



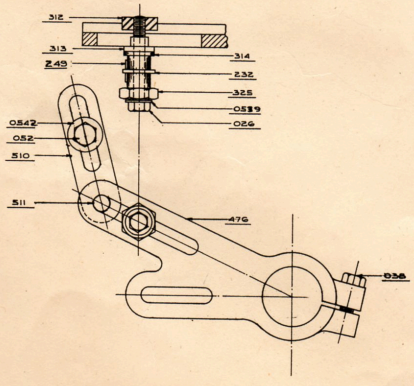
PART NO.	NO. REQ'D	NAME OF PART	SHIPPING WEIGHT LBS.	SHIPPING WEIGHT OZ.	PRICE EACH
LA-28	1	Bull Gear Assembly Complete	4		$7.10
LA-673	1	Plunger		3	.35
LA-674	1	Cam		4	.95
LA-675	1	Spring.		3	.10
LA-676	1	Handle.		3	.15
0315	1	Socket Set Screw 5/16-18 x 3/8. . . .		3	.10
0464	1	Round Head Screw 10-32 x 1/4.		3	.05
0689	1	Pin 3/32 x 3/4.		3	.05
0694	1	Pin 1/8 x 3/4		3	.05

LA-4 REVERSE GEAR ASSEMBLY

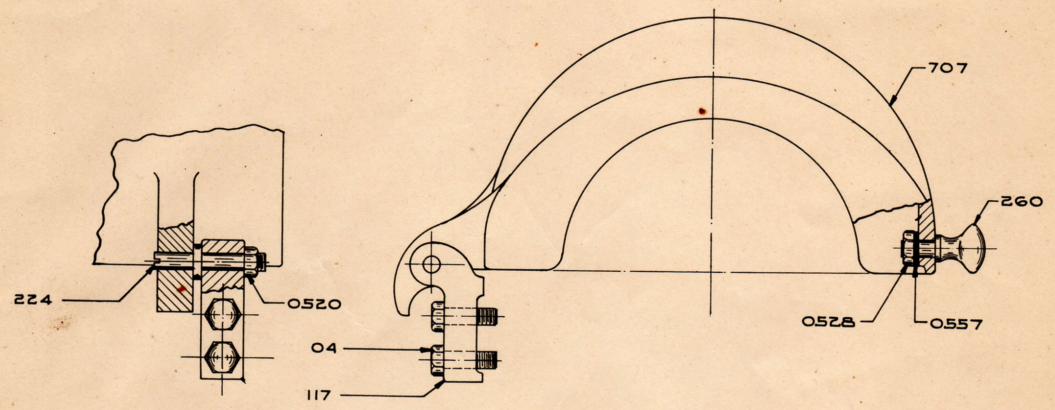


PART NO.	NO. REQ'D	NAME OF PART	SHIP. WT. LBS.	SHIP. WT. OZ.	PRICE EACH
LA-136	1	Spring		4	$ .05
LA-137	1	Reverse gear bracket	3	6	4.00
LA-137-A		Reverse Gear bracket assembly consists of: LA-137, LA-136, LA-139 & LA-140	3	10	4.70
LA-138	1	Reverse gear shaft		14	.90
LA-139	1	Plunger lever		6	.45
LA-140	1	Plunger		3	.20
LA-143	1	Lock		4	.30
LA-144	2	Pinion stud		8	.35
LA-145	1	Handle Pin		3	.05
LA-216	2	Idler Gear with 0616		12	.75
LA-217	1	Reverse Gear		12	.80
LA-261	1	Spacer	1		.25
0489	2	Rd. Hd. Screw 10-24 x 3/4		3	.05
0509	2	Hex. Nut 5/16-18		3	.05
0533	1	Jam Nut 1/2-20		3	.05
0616	2	Bearing, Oilless		4	.20
0641	1	Woodruff Key 5/32 x 7/8		3	.05

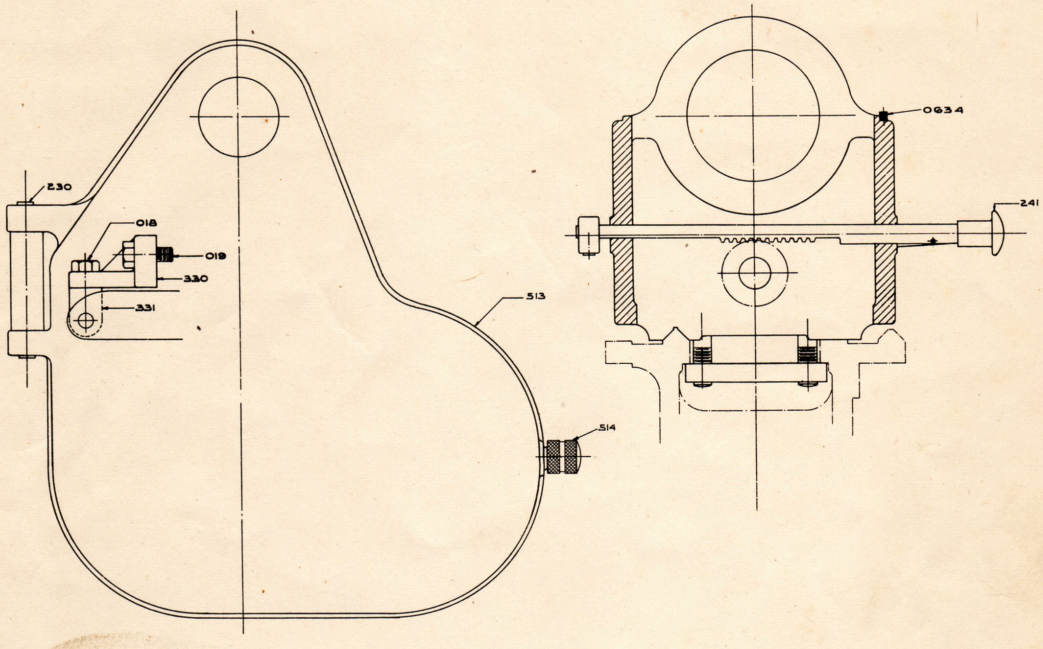
LA-9 CHANGE GEAR ASSEMBLY



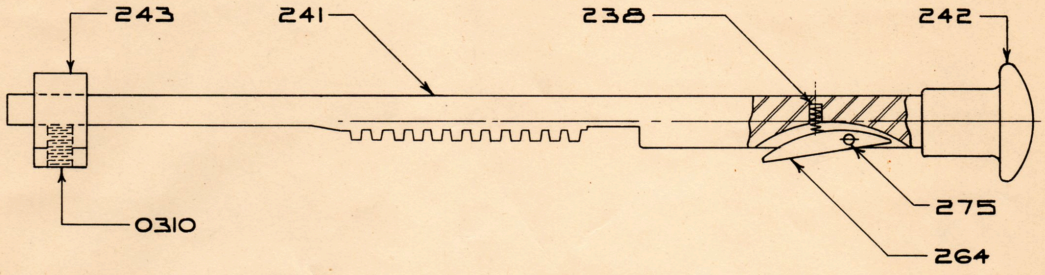
PART NO.	NO. REQ'D	NAME OF PART	SHIP.WT. LBS.	SHIP.WT. OZ.	PRICE EACH
LA-232	1	Washer		3	$ .10
LA-249	1	Key		2	.05
LA-312	1	Nut		6	.70
LA-313	1	Sleeve		8	.75
LA-313-A	1	Change Gear Stud Assembly.. Consists of; LA232, 249, 312, 313, 314, 325, 026, 0539	2		3.15
LA-314	1	Bushing		8	1.35
LA-325	1	Nut		3	.10
LA-476	1	Change Gear Bracket	3		2.35
LA-510	1	Stop Bracket		10	.65
LA-510-A	1	Stop Bracket with Pin		12	1.00
026	1	Hex.Hd. Cap Screw 5/16-18x2½		3	.05
038	1	Hex.Hd. Cap Screw 3/8-16x1½		3	.05
052	1	Hex.Hd. Cap Screw 7/16-14x1¾		3	.05
0539	1	Washer 5/16x3/4x1/16		3	.05
0542	1	Washer 1/2x1¼x5/64		3	.05



PART NO.	NO. REQ'D	NAME OF PART	SHIPPING WEIGHT LBS.	SHIPPING WEIGHT OZ.	PRICE EACH
117	2	Hinge Bracket		3	$ .25
224	2	Hinge Pin		3	.15
260	1	Knob.		2	.35
707	1	Headstock Cover	4	8	2.75
04	4	Cap Screw		3	.05
0520	2	Jam Nut		3	.05
0528	1	Jam Nut		3	.05
0557	1	Lock Washer		3	.05

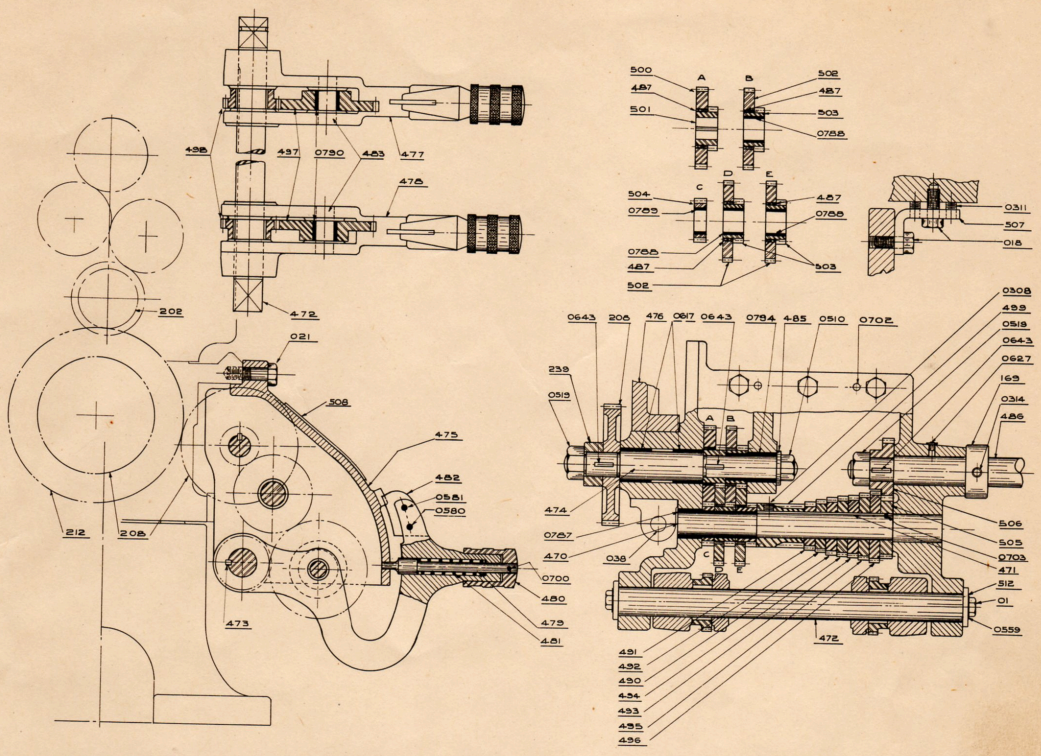


PART NO.	NO. REQ'D	NAME OF PART	SHIPPING WEIGHT LBS.	SHIPPING WEIGHT OZ.	PRICE EACH
LA-103	1	Threading Chart		6	$ .50
LA-230	1	Hinge Pin		6	.10
LA-241	1	Shifter Rack (See Shifter Rack Assembly)	1	4	1.10
LA-330	1	Hinge Bracket	1	8	.60
LA-330-A	1	Hinge Bracket Assembly, Consists of LA-330, LA-331, & 2 of 018. . . .	2		1.40
LA-331	1	Hinge Block	1	8	.70
LA-513	1	Change Gear Guard	17		5.00
LA-514	1	Knob.		3	.45
LA-668	1	End Guard	4		1.45
018	2	Hex. Hd. Cap Screw 5/16-18x3/4. . .		3	.05
019	2	Hex. Hd. Cap Screw 5/16-18x7/8. . .		3	.05
0585	2	Drive Screw #0x3/16		3	.05
0634	2	Rubber Bumper		1	.05



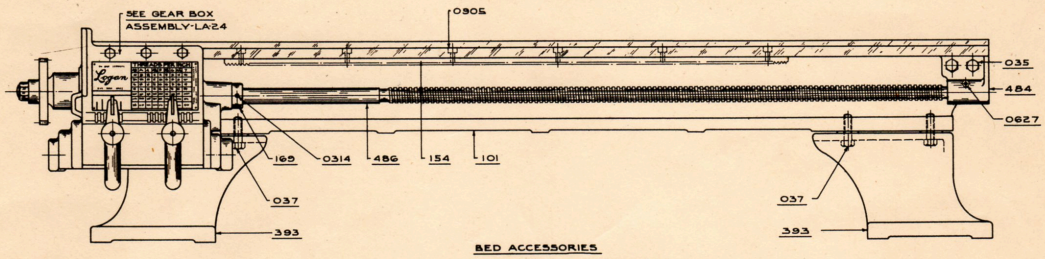
PART NO.	NO. REQ'D	NAME OF PART	SHIPPING WEIGHT LBS.	SHIPPING WEIGHT OZ.	PRICE EACH
LA-238	1	Spring.		6	$ .05
LA-241	1	Shifter Rack.	1	4	1.10
LA-241-A	1	Shifter Rack complete	1	8	1.80
LA-242	1	Knob.		4	.25
LA-243	1	Collar.		3	.20
LA-264	1	Latch Key		3	.10
LA-275	1	Pin		1	.05
0310	1	Socket Set Screw 1/4-20x3/8		3	.10

LA-24 GEAR BOX ASSEMBLY



PART NO.	NO. REQ'D	NAME OF PART	SHIP. WT. LBS.	SHIP. WT. OZ.	PRICE EACH
LA-169	1	Collar with 0314.....		6	$ .45
LA-202	1	24T Change Gear.....		4	.55
LA-208	2	48T Change Gear.....	1		.85
LA-212	1	60T Change Gear.....	1	6	1.10
LA-239	1	Collar.....		4	.25
LA-470	1	Shaft.....	1		2.85
LA-471	1	Key.....		3	.20
LA-472	1	Shaft.....		3	.80
LA-473	2	Key (See 498).....			
LA-474	1	Shaft.....	1		3.80
LA-475-A	1	Gear Box Assembly..... Consists of: LA-475, LA-508, 4-0584, 4-0627, 2-0702, 0617, 0787 & 0794	10		21.20
LA-477-A	1	Shift Arm,Right, Assembly Consists of: LA-477, LA-481, LA-479, LA-480, 0700, 0580, 0581 & LA-482	4		5.25
LA-478-A	1	Shift Arm, Left, Assembly Consists of: LA-478, LA-481, LA-479, LA-480, 0700, 0580, 0581, LA-482	4		5.25
LA-479	2	Plunger.....		4	.40
LA-480	2	Plunger Knob.....		6	.40
LA-481	2	Spring.....		3	.05
LA-482	2	Guide.....		3	.05
LA-483	2	Pin.....		4	.10
LA-485	1	Washer.....		3	.15
LA-486	1	Lead Screw.....	7		11.40
LA-487	8	Pin.....		3	.10
LA-490	1	Gear.....		3	.85
LA-491	1	Gear.....		3	.80
LA-492	1	Gear.....		3	1.25
LA-493	1	Gear.....		3	.90
LA-494	1	Gear.....		3	.85
LA-495	1	Gear.....		3	.90
LA-496	1	Gear.....		4	1.00
LA-497	2	Gear with 0790.....	1		3.25

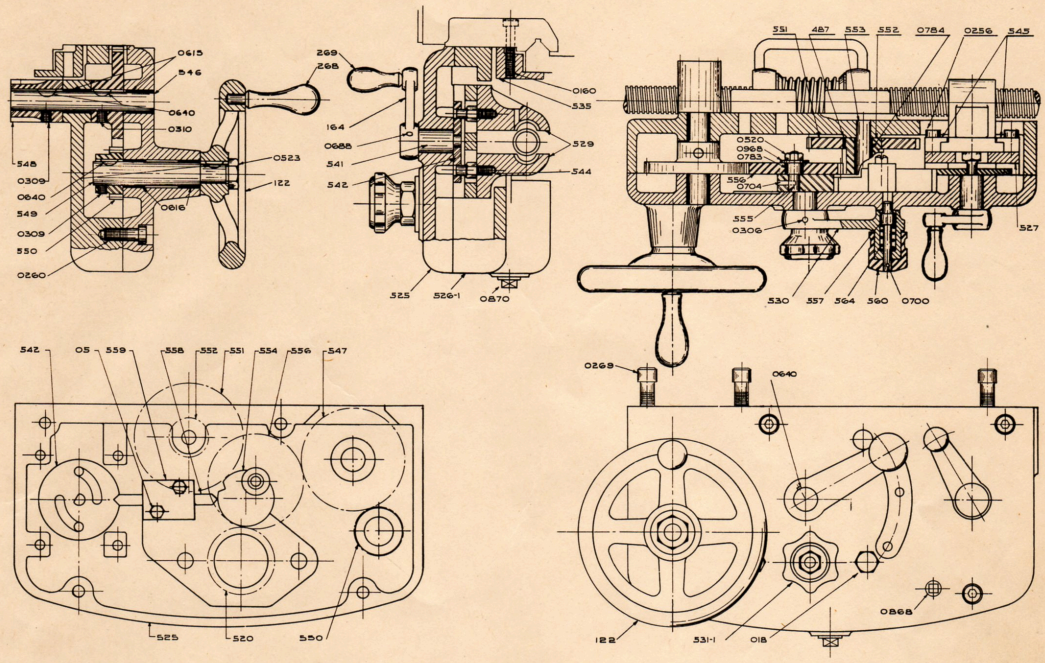
PART NO.	NO. REQ'D	NAME OF PART	SHIP. WT. LBS.	SHIP. WT. OZ.	PRICE EACH
LA-498	2	Gear with 473.....		4	$1.45
LA-499	1	Gear.....		5	1.80
LA-500-A	1	Gear Assembly "A".....		12	3.00
LA-501	1	Gear (See 500-A).....			
LA-502-A	3	Gear Assembly "B","D" & "E"	1		2.80
LA-503	3	Gear (See 502-A).....			
LA-504-A	1	Gear Assembly "C".....		6	1.00
LA-505	1	Gear.....		3	1.00
LA-506	1	Gear.....		6	1.95
LA-507	1	Bracket.....		3	.35
LA-508	1	Thread Chart.....		4	.50
LA-512	2	Washer.....		3	.10
01	2	Hex.Hd. Cap Screw $\frac{1}{4}$-20x$\frac{1}{2}$		3	.05
018		Hex.Hd. Cap Screw 5/16-18-3/4.....		3	.05
021	3	Hex. Hd. Cap Screw 5/16-18 x $1\frac{1}{4}$.....		3	.05
0308	1	Socket Set Screw 1/4-20x3/16.....		3	.10
0311		Socket Set Screw $\frac{1}{4}$-20x$\frac{1}{2}$.		3	.10
0314	1	Socket Set Screw 5/16-18x5/16.....		3	.10
0510	1	Hex. Nut 3/8-16.....		3	.05
0519	2	Hex. Nut 1/2-20.....		3	.05
0559	2	Washer 1/4x15/32.....		3	.05
0580	2	Rivet 1/8x3/4.....		3	.05
0581	2	Rivet 1/8x5/8.....		3	.05
0584	4	Drive Screw #2 x 3/16...		3	.05
0617	2	Oilless Bearing.....		4	.25
0627	4	Oil Cup.....		3	.05
0643	3	Woodruff Key 5/32x5/8...		3	.05
0702	2	Pin 1/4x1.....		3	.05
0703	1	Pin 1/16x1/4.....		3	.05
0787	1	Oilless Bearing.....		3	.15
0788	3	Oilless Bearing.....		3	.10
0789	1	Oilless Bearing.....		3	.10
0790	2	Oilless Bearing.....		3	.10
0794	1	Oilless Bearing.....		3	.15



BED ACCESSORIES

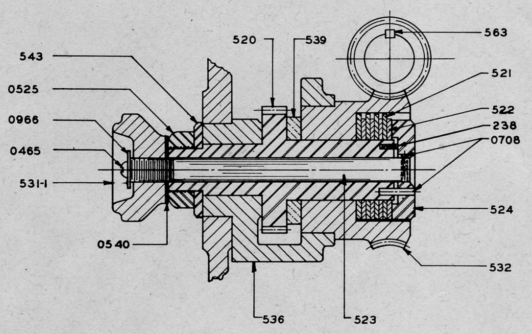
380 - CHIP PAN FOR MODEL-820
373 - FLOOR LEGS-WITH 055-BOLTS & 0511-NUTS
446 - DRIP PAN FOR MODEL-840

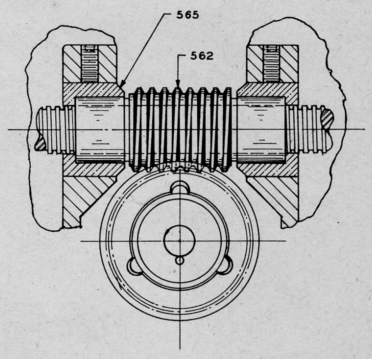
PART NO.	NO. REQ'D	NAME OF PART	SHIPPING WEIGHT LBS.	SHIPPING WEIGHT OZ.	PRICE EACH
LA-101	1	Bed.	115		$36.00
LA-154	1	Rack	3		3.75
LA-169	1	Collar with 0314		6	.45
LA-373	2	Floor Legs	75		18.00 Set
LA-380	1	Chip Pan	17		11.00
LA-393	2	Bed Support.	20		3.50
LA-446	1	Drip Pan for Model 840	21		14.00
LA-484	1	Lead Screw Bracket with 0627	2		2.15
LA-486	1	Lead Screw (See LA-24 Gear Box Assembly)			
035	2	Hex. Hd. Cap Screw 3/8-16 x 7/8. . .		3	.05
037	8	Hex. Hd. Cap Screw 3/8-16 x 1¼ . . .		3	.05
055	4	Hex. Hd. Cap Screw 7/16-14 x 2 . . .		3	.05
0314	1	Socket Set Screw 5/16-18 x 5/16. . .		3	.10
0511	1	Hex. Nut.7/16-14		3	.05
0627	1	Oil Cup.		3	.05
0905	6	Fil. Hd. Mach. Screw 10-32 x 9/16. .		3	.05



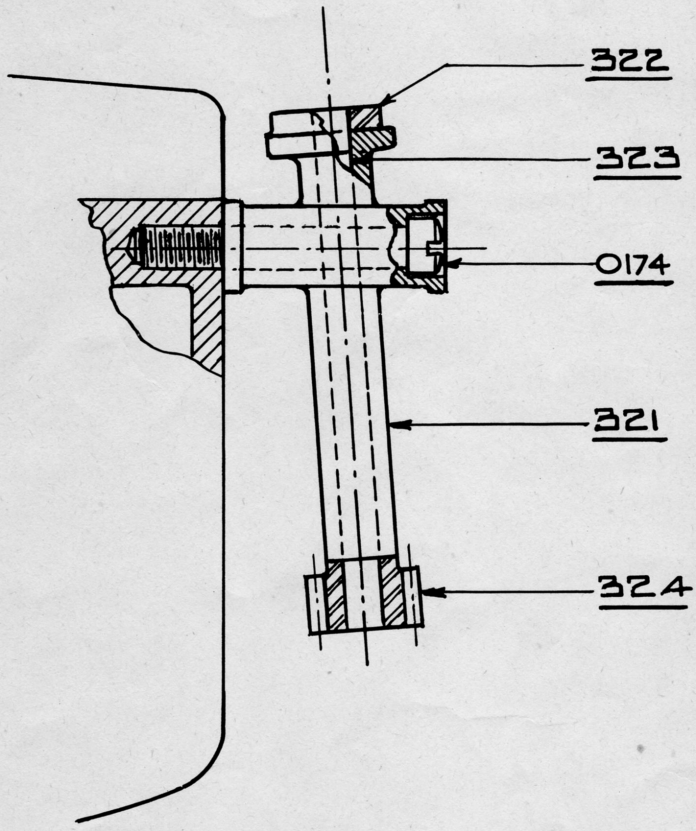
PART NO.	NO. REQ'D	NAME OF PART	SHIP. WT. LBS.	SHIP. WT. OZ.	PRICE EACH
LA-122-A	1	Apron Handwheel with 268....	3		$2.50
LA-164	1	Cam Shaft Lever.....		8	.40
LA-268	1	Handle.....		6	.40
LA-269	1	Handle.....		4	.30
LA-487	2	Pin.....		3	.10
LA-520	1	Sleeve Gear with 0708 (See Clutch Assembly)			
LA-525-A	1	Apron-Front and Back Assembly Consists of: LA-525, LA-526-1, 2-0615, 2-0616, 4-0261, 0868 & 0870	15		22.65
LA-526-1	1	Apron-Back (See 525-A).....			
LA-527	1	Half Nut Plate.....	1		.60
LA-529	1	Half Nut with 544.....	1		2.40
LA-530	1	Shift Lever.....	1		1.30
LA-535	1	Front Gib.....	2		1.15
LA-541-A	1	Cam Shaft & Cam.....		4	1.20
LA-542	1	Half Nut Cam (See 541-A)....			
LA-544	2	Half Nut Pin.....		3	.20
LA-545	2	Gib.....		4	1.00
LA-546	1	Shaft.....		8	1.70
LA-547	1	Gear.....	1		4.15
LA-548	1	Gear.....	1		2.50
LA-549	1	Shaft.....	1		.30
LA-550	1	Gear.....		8	2.15
LA-551-A	1	Idler Gear Assembly Consists of: LA-552, 2 LA-487 & 0784.	1		2.50
LA-552	1	Gear (See 551-A).....			
LA-553	1	Shaft.....		3	.10
LA-554-A	1	Eccentric Assembly with 555.	1		1.40
LA-555	1	Pin (See 554-A).....			
LA-556	1	Gear with 0783.....		8	1.65
LA-557	1	Plunger.....		3	.20

PART NO.	NO. REQ'D	NAME OF PART	SHIP. WT. LBS.	SHIP. WT. OZ.	PRICE EACH
LA-558	1	Lock.....		6	$ .85
LA-559	1	Lock Guide.....		3	1.05
LA-560	1	Knob.....		4	.45
LA-564	1	Spring.....		3	.05
05	2	Hex. Hd. Cap Screw 1/4-20x1.....		3	.05
018	2	Hex. Hd. Cap Screw 5/16-18x3/4.....		3	.05
0160	2	Fil. Hd. Cap Screw 1/4-20x1-1/2.....		3	.05
0256	4	Socket Hd. Cap Screw 1/4-20x1-1/4.....		3	.10
0261	4	Socket Hd. Cap Screw 5/16-18x7/8.....		3	.10
0269	3	Socket Hd. Cap Screw 3/8-16x1.....		3	.10
0306	1	Socket Set Screw 10-32x1/4..		3	.10
0309	2	Socket Set Screw 1/4-20x1/4.		3	.10
0310	2	Socket Set Screw 1/4-20x3/8.		3	.10
0520	1	Jam Nut 1/4-20.....		3	.05
0523	1	Jam Nut 7/16-14.....		3	.05
0558	2	Lock Washer.....		3	.05
0615	2	Oilless Bearing.....		4	.20
0616	2	Oilless Bearing.....		4	.20
0640	4	Woodruff Key 1/8x1/2.....		3	.05
0688	1	Pin 1/8x1.....		3	.05
0700	1	Pin 3/32x1.....		3	.05
0704	1	Pin 3/32x1/2.....		3	.05
0783	1	Oilless Bearing.....		3	.10
0784	1	Oilless Bearing.....		3	.10
0868	1	Pipe Plug 1/8.....		3	.05
0870	1	Pipe Plug 3/8.....		3	.05
0968	1	Washer.....		3	.05

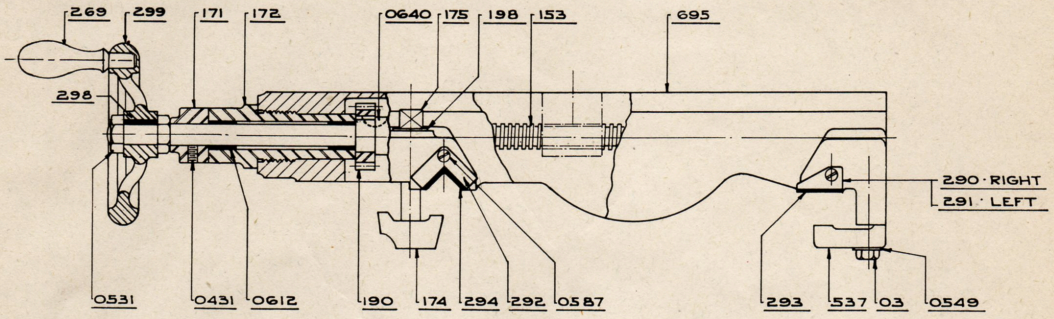




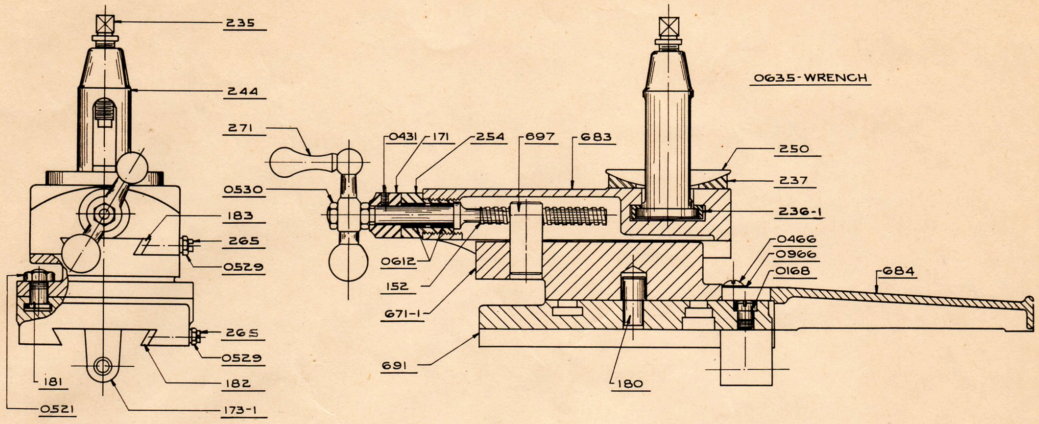
PART NO.	NO. REQ'D.	NAME OF PART	SHIPPING WEIGHT LBS.	SHIPPING WEIGHT OZ.	PRICE EACH
LA-238	2	Springs.		6	$ .05
LA-520	1	Sleeve Gear with 0708.	2		5.80
LA-521	4	Clutch Disc (external tooth)		5	.25
LA-522	4	Clutch Disc (internal tooth)		5	.25
LA-523	1	Clutch Shaft with 0708		3	.65
LA-524	1	Clutch Retainer.		3	.90
LA-531-1	1	Clutch Knob.		8	1.00
LA-532	1	Worm Wheel	2		6.50
LA-536	1	Bearing Bracket.	2		5.25
LA-539	1	Thrust Ring.		3	.85
LA-543	1	Washer		3	.20
LA-562	1	Worm with LA-563	1		8.75
LA-563	1	Key (see LA-562)			
LA-565	2	Bushing.		6	.35
0465	1	Rd. Hd. Screw 10-32 x 3/8.		3	.05
0525	1	Jam Nut 5/8-18		3	.05
0540	1	Washer 3/8 x 7/8 x 1/16.		3	.05
0708	2	Drive Pin 3/32 x 3/8		3	.05
0966	1	Washer		3	.05



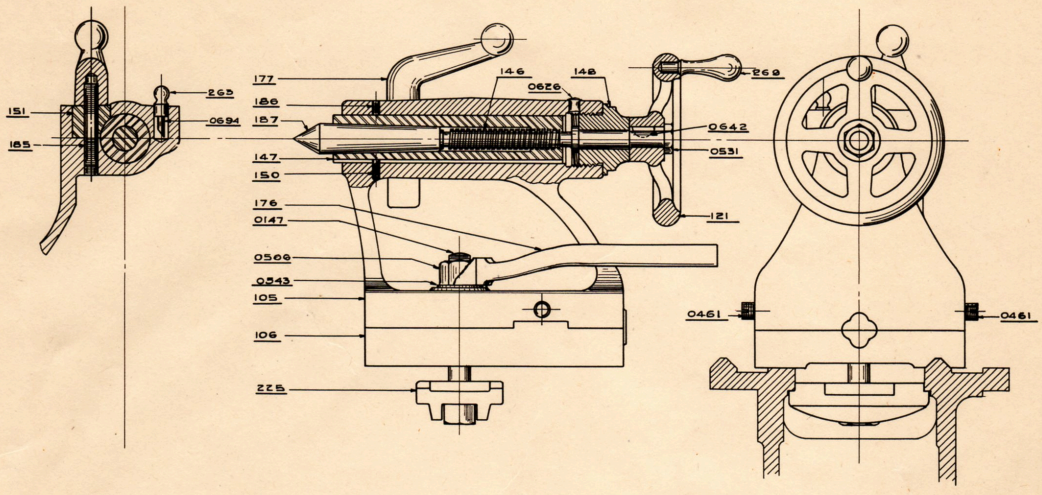
PART NO.	NO. REQ'D	NAME OF PART	SHIP. WT. LBS.	SHIP. WT. OZ.	PRICE EACH
LA-12	1	Dial Indicator Assembly Complete	1		$2.55
LA-321	1	Housing.		5	1.60
LA-322	1	Dial		3	.20
LA-323	1	Shaft.		6	.10
LA-324	1	Gear		3	.60
0174	1	Fil. Hd. Cap Screw 5/16-18 x 1-3/4 . . .		1	.05



PART NO.	NO. REQ'D	NAME OF PARTS	SHIPPING WEIGHT LBS.	SHIPPING WEIGHT OZ.	PRICE EACH
LA-153	1	Cross Feed Screw with 0640.	1		$2.75
LA-171-A	1	Graduated Collar with 0431.		8	.95
LA-172-A	1	Bushing with 2 of 0612.	1		1.25
LA-174	1	Saddle Lock Nut		5	.15
LA-175	1	Saddle Lock Screw		3	.20
LA-190	1	Cross Feed Idler Gear		4	.50
LA-198	1	Washer.		3	.05
LA-269	1	Handle.		4	.30
LA-290	1	Wiper-Rear Right.		2	.15
LA-291	1	Wiper Rear Left		2	.15
LA-292	2	Wiper Front		2	.15
LA-293	2	Rear Felt		2	.10
LA-294	2	Front Felt.		2	.10
LA-298	1	Key		3	.05
LA-299	1	Handwheel	2	7	2.25
LA-537	1	Saddle Gib.	3		.60
LA-695	1	Saddle.	19		12.25
03	3	Hex. Head Cap Screw 1/4-20 x 3/4. . . .		3	.05
0431	1	Headless Set Screw 8-32 x 1/4		3	.05
0531	2	Jam Nut 3/8-24.		3	.05
0549	3	Lock Washer 1/4 x 7/16.		3	.05
0587	4	Drive Screw 6-32 x 1/2.		3	.05
0612	2	Oilless Bearing		3	.15
0640	1	Woodruff Key 1/8 x 1/2.		3	.05



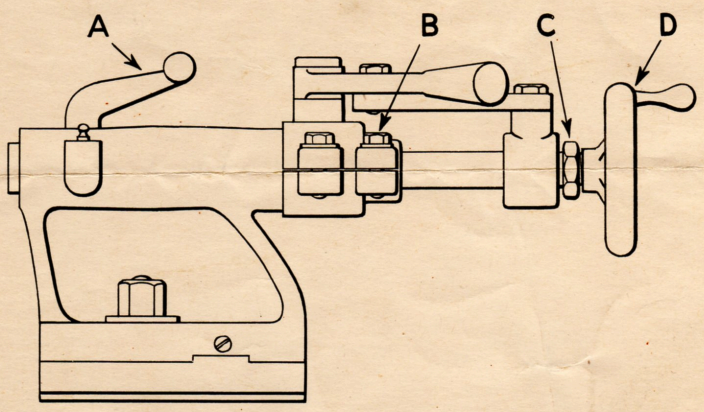
PART NO.	NO. REQ'D	NAME OF PART	SHIPPING WEIGHT LBS.	SHIPPING WEIGHT OZ.	PRICE EACH
LA-152	1	Compound Rest Screw		6	$1.35
LA-171	1	Graduated Collar with 0431		8	.95
LA-173-1	1	Cross Feed Nut		6	.65
LA-180	1	Swivel Pin		3	.20
LA-181	2	Swivel Lock Bolt		2	.15
LA-182	1	Compound Gib (Base)		4	.35
LA-183	1	Compound Gib (Top)		4	.35
LA-235	1	Tool Post Screw		4	.45
LA-236-1	1	Tool Post Block		3	.65
LA-237	1	Tool Post Ring		4	.75
LA-244	1	Tool Post		12	1.70
LA-244-A	1	Tool Post Complete	1	6	4.15
LA-250	1	Wedge		4	.60
LA-254	1	Bushing with 0612		10	1.00
LA-265	7	Gib Screw		8	.05
LA-271	1	Ball Crank with 273		9	2.00
LA-273	1	Pin		3	.05
LA-671-1	1	Swivel	4		5.90
LA-683	1	Compound Rest Top with 254, 183 & 2 of 0694	4		6.75
LA-684	1	Chip Guard	2		1.00
LA-691	1	Compound Base with 180, 182 & 2 of 0694	4		7.50
LA-697	1	Compound Rest Nut		8	.65
0168	1	Fillister Hd. Cap Screw 5/16-18x5/8		3	.05
0431	1	Headless Set Screw 8-32x1/4		3	.05
0466	2	Rd. Hd. Screw 10-32x1/2		3	.05
0521	2	Jam Nut 5/16-18		3	.05
0529	7	Jam Nut 1/4-28		3	.05
0530	2	Jam Nut 5/16-24		3	.05
0612	2	Oilless Bearing		3	.15
0635	1	Tool Post Wrench		8	.50
0694	4	Pin		2	.05
0966	2	Washer		3	.05



PART NO.	NO. REQ'D	NAME OF PART	SHIPPING WEIGHT LBS.	SHIPPING WEIGHT OZ.	PRICE EACH
LA-105	1	Tailstock (See Note).	12		$10.00
LA-106	1	Tailstock Base (See Note)	5		2.00
LA-121	1	Handwheel with 269.	2	7	2.25
LA-146	1	Tailstock Screw		8	1.20
LA-147	1	Tailstock Spindle	1	8	3.60
LA-148	1	Screw Retainer.		12	1.20
LA-150	1	Spindle Key		2	.05
LA-151	1	Binding Plug.		6	.30
LA-176	1	Tailstock Wrench.	1		.45
LA-177	1	Binding Lever		12	.65
LA-185	1	Tailstock Stud.		3	.15
LA-186	1	Tailstock Plug.		2	.05
LA-187	1	Center.		10	2.00
LA-225	1	Tailstock Clamp	1	8	.40
LA-263	1	Knob with 0694.		3	.15
LA-269	1	Handle.		4	.30
0147	1	Sq. Hd. Machine Bolt 1/2-13x4		12	.10
0461	2	Headless Set Screw 3/8-16x2		3	.10
0506	1	Hex Nut 1/2-13.		3	.10
0531	1	Jam Nut 3/8-24.		3	.05
0543	1	Washer.		3	.05
0626	1	Oil Cup		3	.05
0642	1	Woodruff Key 3/32x1/2		3	.05

Note! - Tailstock & base are matched & machined as a unit.

AC-241 HAND LEVER TAILSTOCK

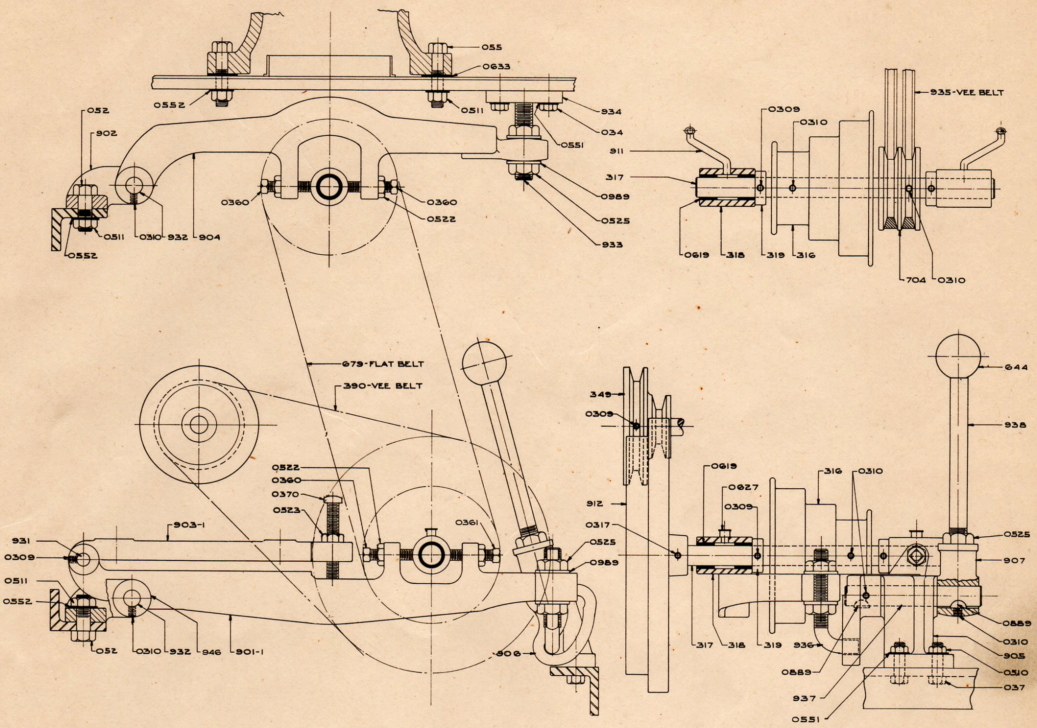


To Use Hand Lever Feed:

1. Loosen Binding Lever "A".
2. Loosen Bolt "B".
3. Adjust length of stroke to be obtained with hand lever by turning Hand Wheel "D" either forward or backward.
4. Tighten Nut "C" against tailstock handwheel sufficiently to keep handwheel from creeping.

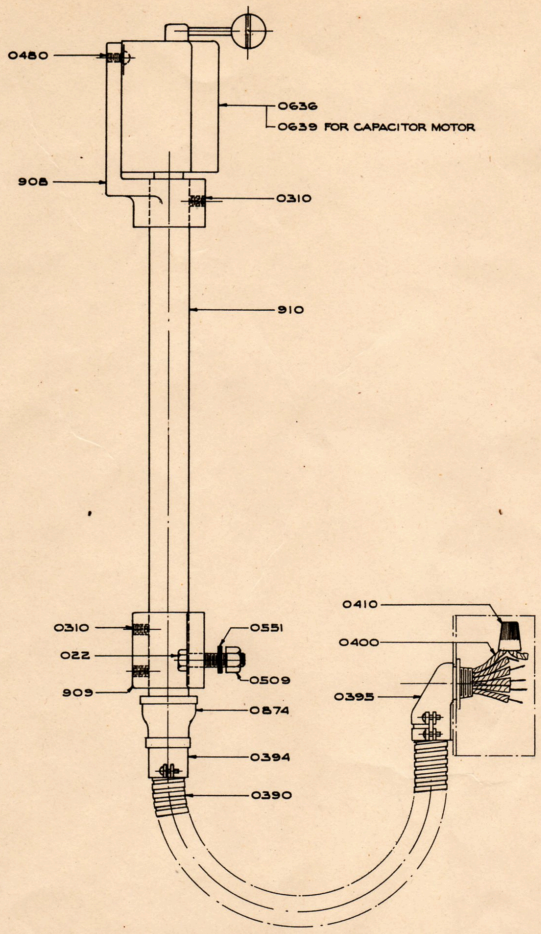
To Use as Tailstock:

1. Bring hand lever all the way back.
2. Loosen Nut "C".
3. Tighten Bolt "B".
4. Turn Handwheel "D" to desired position and lock with Binding Lever "A".

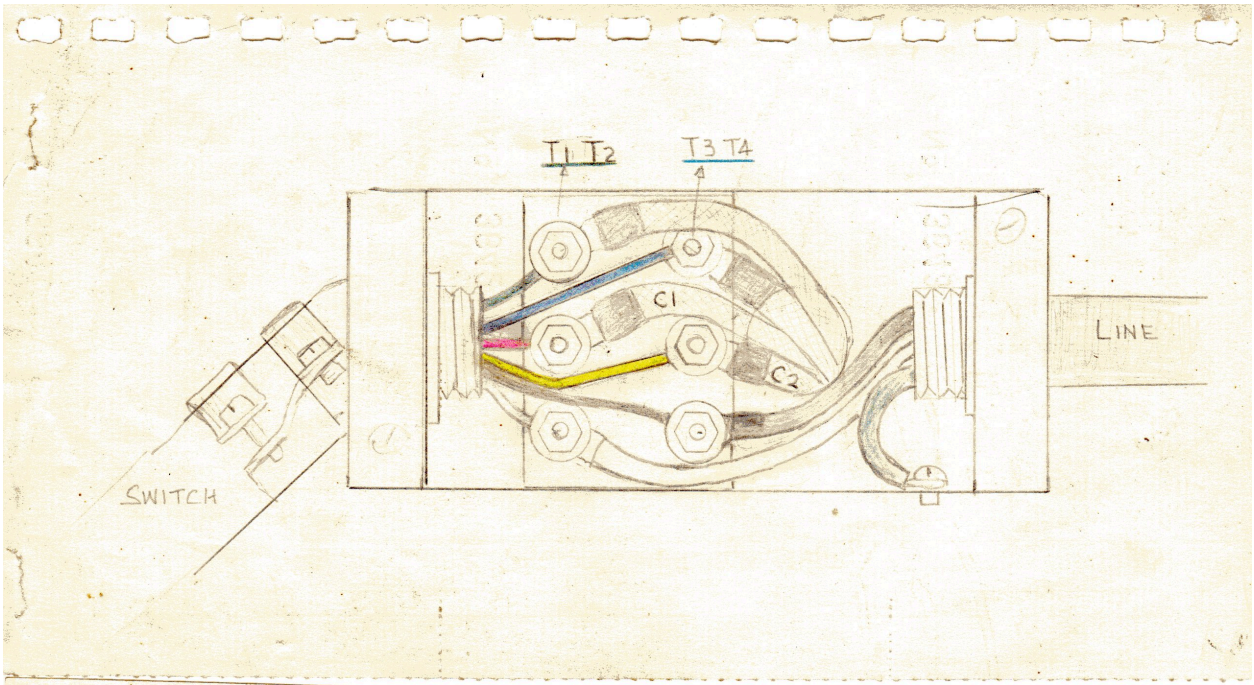


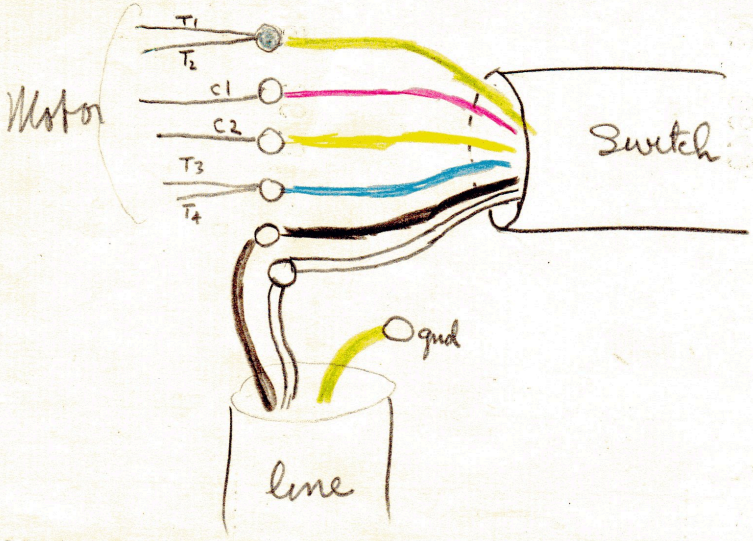
PART NO.	NO. REQ'D	NAME OF PART	SHIP. WT. LBS.	SHIP. WT. OZ.	PRICE EACH
LA-316	2	Cone Pulley with 2 of 0310	7		$6.75
LA-317	2	Shaft	2	3	.65
LA-318-A	2	Bearing with 0627 (Also see 911-A)	1	4	2.75
LA-319	4	Collar with 0309		5	.25
LA-349	1	Motor Pulley with 0309	3		4.95
LA-390	1	Motor V Belt		6	.95
LA-644	1	Knob		6	.45
LA-679	1	Flat Belt		8	2.25
LA-704	1	Jackshaft V Pulley	3		6.25
LA-901	1	Countershaft Bracket with 2 of 0309	15		10.80
LA-902	1	Hinge Bracket with 2 of 0310	7		3.60
LA-903	1	Motor Base	5	8	4.65
LA-904	1	Jackshaft Bracket	13		8.60
LA-905	1	Cam Bearing	3		3.25
LA-906	1	Cam with 0310	2		2.30
LA-907	1	Hub with 0310	1		2.40
LA-911	2	Oil Pipe (See 911-A)		3	.85
LA-911-A	2	318 Bearing with 911	3		2.75
LA-912	1	Pulley with 0317	7		6.00
LA-931	2	Motor Bracket Pin		6	.20
LA-932	4	Jack & Countershaft Pin		6	.20
LA-933-A	1	Adjusting Stud with 934	1		1.60
LA-934	1	Stud Plate (See 933-A)	1		1.15
LA-935		V-Belt (See Headstock Assembly)			
LA-936	1	Cam Stud	1		1.25
LA-937	1	Cam Shaft	2		.65

PART NO.	NO. REQ'D	NAME OF PART	SHIP. WT. LBS.	SHIP. WT. OZ.	PRICE EACH
LA-938	1	Lever	2		$ .80
LA-946	1	Hinge Bracket with 2 of 0310	7		3.60
034	2	Cap Screw 3/8-16x3/4		3	.05
037	2	Cap Screw 3/8-16x1-1/4		3	.05
052	4	Cap Screw 7/16-14x3/4		3	.05
055	4	Cap Screw 7/16-14x2		3	.05
0309	7	Socket Set Screw 1/4-20x1/4		3	.10
0310	12	Socket Set Screw 1/4-20x3/8		3	.10
0317	1	Socket Set Screw 3/8-16x3/8		3	.10
0360	6	Square Hd. Set Screw 3/8-16x1-1/2		4	.05
0361	2	Sq. Hd. Set Screw 3/8-16x1-3/4		4	.05
0370	1	Sq. Hd. Set Screw 7/16-14x2-3/4		3	.15
0510	2	Hex. Nut 3/8-16		3	.05
0511	8	Hex. Nut 7/16-14		3	.05
0522	8	Jam Nut 3/8-16		3	.05
0523	1	Jam Nut 7/16-14		3	.05
0525	5	Jam Nut 5/8-18		3	.05
0551	4	Lock Washer 3/8x1/2		3	.05
0552	8	Lock Washer 7/16x3/4		3	.05
0619	8	Oilless Bushing		6	.15
0627	2	Oil Cup		3	.05
0633	4	Rubber Washer		3	.10
0889	2	Woodruff Key 3/4dx3/16		3	.05
0989	4	Washer 41x64x1 3/16x3/32		3	.05



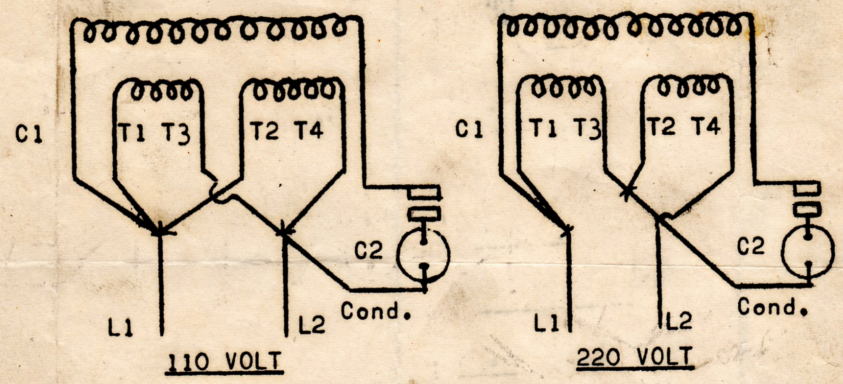
PART NO.	NO. REQ'D	NAME OF PART	SHIPPING WEIGHT LBS.	SHIPPING WEIGHT OZ.	PRICE EACH
908	1	Switch Bracket.	3		$2.50
909	1	Pipe Bracket.	3		2.50
910	1	Pipe.	5		1.10
022	2	Cap Screw		3	.05
0310	6	Socket Set Screw.		3	.50
0390	1	Flexible Conduit.	5		.25
0394	1	Straight Connector.		8	.30
0395	1	45° Connector	1		.60
0400	6	#16 Wire 65" long	3		.20
0410	4	Wire Nut.		3	.05
0480	2	Round Hd. Mach. Screw		3	.05
0509	2	Nut		3	.05
0551	2	Lock Washer		3	.05
0636	1	Drum Switch	2		5.00
0639	1	Drum Switch (For Capacitor Motor) . . .	2		5.00
0874	1	Reducing Coupling	1		.10


T1 T2
T3 T4
C1
C2
LINE
SWITCH


T1
T2
C1
C2
T3
T4
Motor
Switch
gnd
line

CONNECTION DIAGRAM

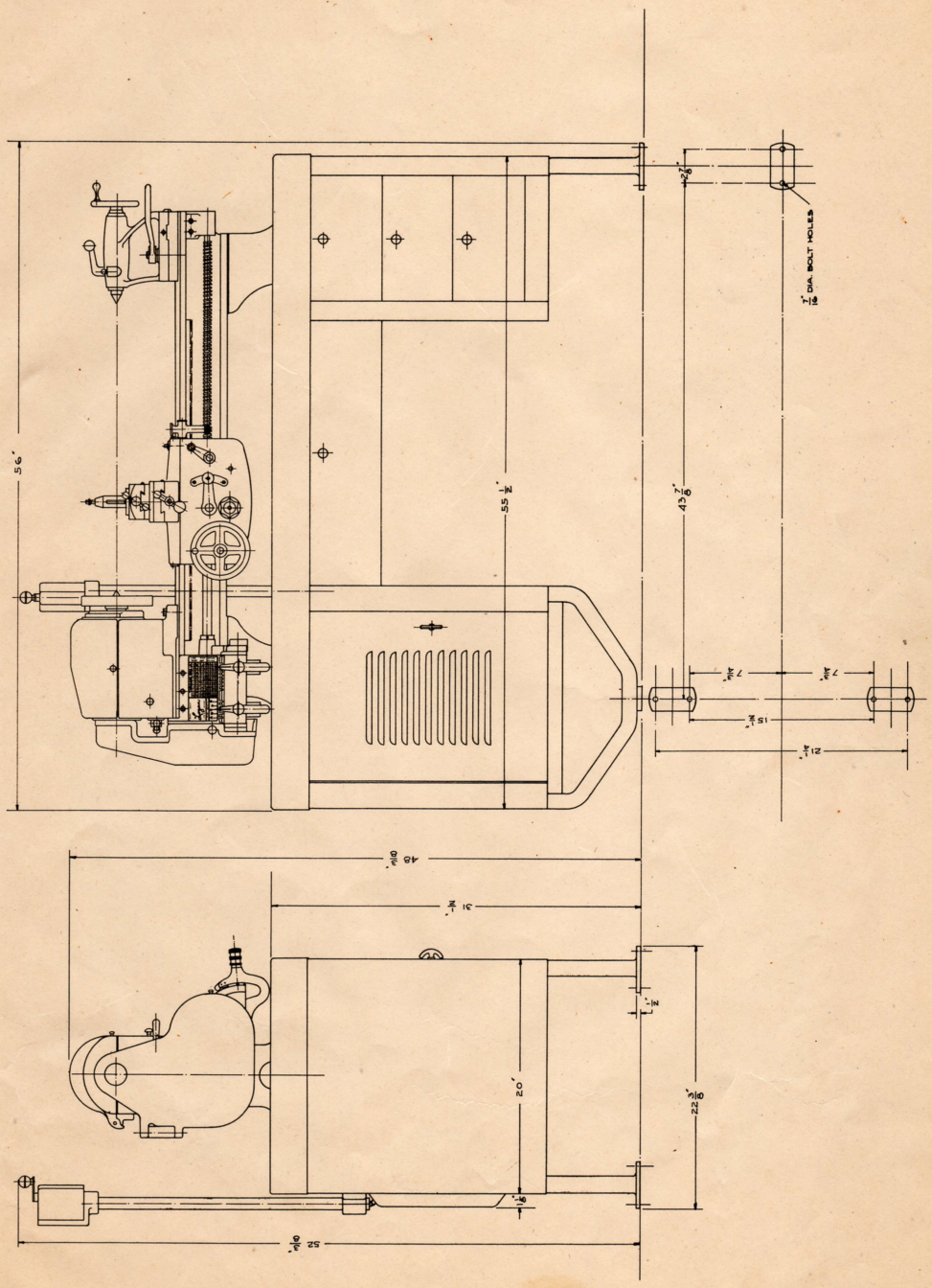
SINGLE SPEED CE TYPE MOTOR



TO CHANGE ROTATION
INTERCHANGE "C1" & "C2" LEADS
FOR CUSTOMER DIAGRAM
FIXED ROTATION SEE
A-13266

THE PEERLESS ELECTRIC CO.
WARREN, OHIO

A-12679


56'
55 1/2'
43 7/8'
7/16" DIA BOLT HOLES
7 3/16"
7 3/16"
15 1/4"
21 1/4"
48 9/16"
31 1/4"
1 1/2"
20'
22 3/8"
1/8"
25 9/16"

#825 Logan Cabinet Model Quick Change Gear Lathe

IMPORTANT

This lathe was levelled accurately at the factory, but due to shipment it is of the utmost importance to realign the lathe bed after the lathe has been secured in its permanent position.

The following procedure is necessary. First --bolt the lathe solidly to the floor. Next--using a graduated machinist's level, check the reading across the ways at the headstock end of the lathe bed, in the middle of the bed, and at the tailstock end of the bed. It is not necessary that these readings show exactly level, but it is of great importance that these three readings be identical. To correct any variation in the readings, place the level across the ways at the t ailstock end of the bed and adjust by shimming between the lathe bed and the bed support, as required. (Note: be sure to shim between the bed support and the bed, not between the bed support and the drip pan.)

The above procedure is important in order to obtain accurate results from the lathe and to avoid permanently distorting the lathe bed. We recommend checking the bed alignment as outlined above from time to time in order to maintain accuracy.

LOGAN ENGINEERING CO.