

WYSONG AND MILES COMPANY

625 FULTON STREET

GREENSBORO, NORTH CAROLINA

PARTS LIST AND ILLUSTRATIONS

POWER SQUARING SHEAR NO. 1460

When ordering parts or literature please refer to the model and serial number of your machine. The serial number will be found stenciled on the table outside the right-hand side gauge.

March 1963

PARTS LIST FOR NO. 1460 POWER SHEAR

<u>QUANTITY</u>	<u>NAME OF PART</u>	<u>PART NUMBER</u>
1	End Frame (Right-Hand)	S72-10
1	End Frame (Left-Hand)	S72-11
	<u>Table Assembly</u>	
1	Table	S60-1
2	Table Adjusting Lugs	S72-7
2	Locking Plates (Table Bolts)	S52S-12
2	Locking Plates (Table Bolts)	S52S-13
2	Table Extensions	7E-6
2	Side Gauges	SGS-13
2	Dowel Pins	7ES-106
1	Ramp Plate	S60S-6
2	Ramp Plate Supports	S52S-43
1	Front Cover	S60S-5
2	Disappearing Stops	S12S-55A
1	Angle Gauge	5Y-66
8	Table Bolts, 7/8" x 5" Long	
1	Table Plate	S60S-9
	<u>Knife Bar Assembly</u>	
1	Knife Bar	S60-2
2	Take-Up Gibs	S52S-11
2	Take-Up Gib Locating Studs	7HS-82
1	Tension Rod	S60S-8
1	Tension Rod Stud	7JS-31
2	Eyebolts	S36S-18
2	Blades (3" x 1" x 62")	
20	Blade Bolts (1/2" x 2-1/2")	
2	Knife Bar Gibs	S52-19
2	Front Gibs (Micarta)	MG-1
2	Rear Gibs (Micarta)	MG-2
	<u>Motor Assembly</u>	
1	Motor - 1800 RPM, 1-1/2 HP, #184 Frame	
1	Motor Base	S96S-4
1	Motor Base Bracket	S52S-25
1	Motor Adjusting Screw Bracket	S52S-26
1	Motor Base Pivot Shaft	S52S-27
1	Adjusting Screw Pivot Shaft	S52S-28
1	Motor Base Adjusting Screw	S52S-29
4	Truarc Rings (Motor Base, Adjusting Screw Pivot Shafts)	5100-62
1	Drive Pulley, 2 grooves, "A" Belt, 4.0" P.D., #1615 Bushing, 7/8" Bore, 3/16" Square Key	
2	A-Belts	A-53
1	Magnetic Starter, Size 0	
1	Flywheel	S52-10
1	Flywheel Key, 1/2" x 1/2" x 3" Long	

PARTS LIST FOR NO. 1460 POWER SQUARING SHEAR

<u>QUANTITY</u>	<u>NAME OF PART</u>	<u>PART NUMBER</u>
	<u>Gear Box Assembly</u>	
1	Gear Case	S52-1
1	Housing Indicator Cover	S52-39
1	Gear Case Cover	S52-2
1	Gear Case Cover Bushing	S52-13
1	Gear Case Hand Hole Cover	S52-3
1	Thrust Plate	Aetna W-33
1	Bull Gear	S52-5
1	Bull Gear Bushing	S52-12
1	Clutch Drive Plate	S52S-8
1	Clutch Driven Plate	S52S-7
1	Clutch Release Cam	S52S-51
4	Springs (Clutch)	B-70
1	Non-Repeat Cam	S52-11
4	Clutch Spring Studs	S12S-9
2	Thrust Bearings	Aetna F-33
2	Clutch Driving Keys	S12S-20
1	Pinion Shaft	S52S-6
1	Bearing (Pinion Shaft) - Fafnir	9112K
1	Lock Washer	W-12
1	Lock Nut	N-12
1	Pinion Shaft Bearing Support	S52-4
1	Bearing (Pinion Shaft Flywheel End)	SKF 6210
1	Lock Washer	W-10
1	Lock Nut	N-10
1	Oil Seal (Victorprene)	60730
1	Pinion Shaft Bearing Cup	S12-5
1	Lock Washer	W-08
1	Lock Nut	N-08
1	Pawl Engaging Plunger	S52S-10
1	Engaging Plunger Guide	7Y-20
1	Lock Pin	7KS-96
1	Pin Guide	7KS-97
1	Cam Follower	CF-1-1/2
1	Spring (Foot Treadle Lock)	B-58
1	Clutch Bracket	S12-4
1	Clutch Bracket Spring Cap	S12S-13
1	Lifting Lever Shifting Arm	S52-7
1	Non-Repeat Arm	S52-9
1	Non-Repeat Pawl Lifting Lever	S52-6
1	Non-Repeat Arm Pivot Shaft	S52S-2
1	Non-Repeat Sleeve	S12S-19
2	Non-Repeat Sleeve Bushings	8H-22
1	Non-Repeat Shifting Knob	8HS-52
1	Non-Repeat Sleeve Retaining Collar	8HS-88
1	Non-Repeat Arm Roller	7KS-41
1	Non-Repeat Roller Stud	S52S-9
1	Non-Repeat Pawl	S12S-15
1	Pawl Slide Pin	S12S-22
1	Lifting Lever Shifting Stud	S52S-4

PARTS LIST FOR NO. 1460 POWER SQUARING SHEAR

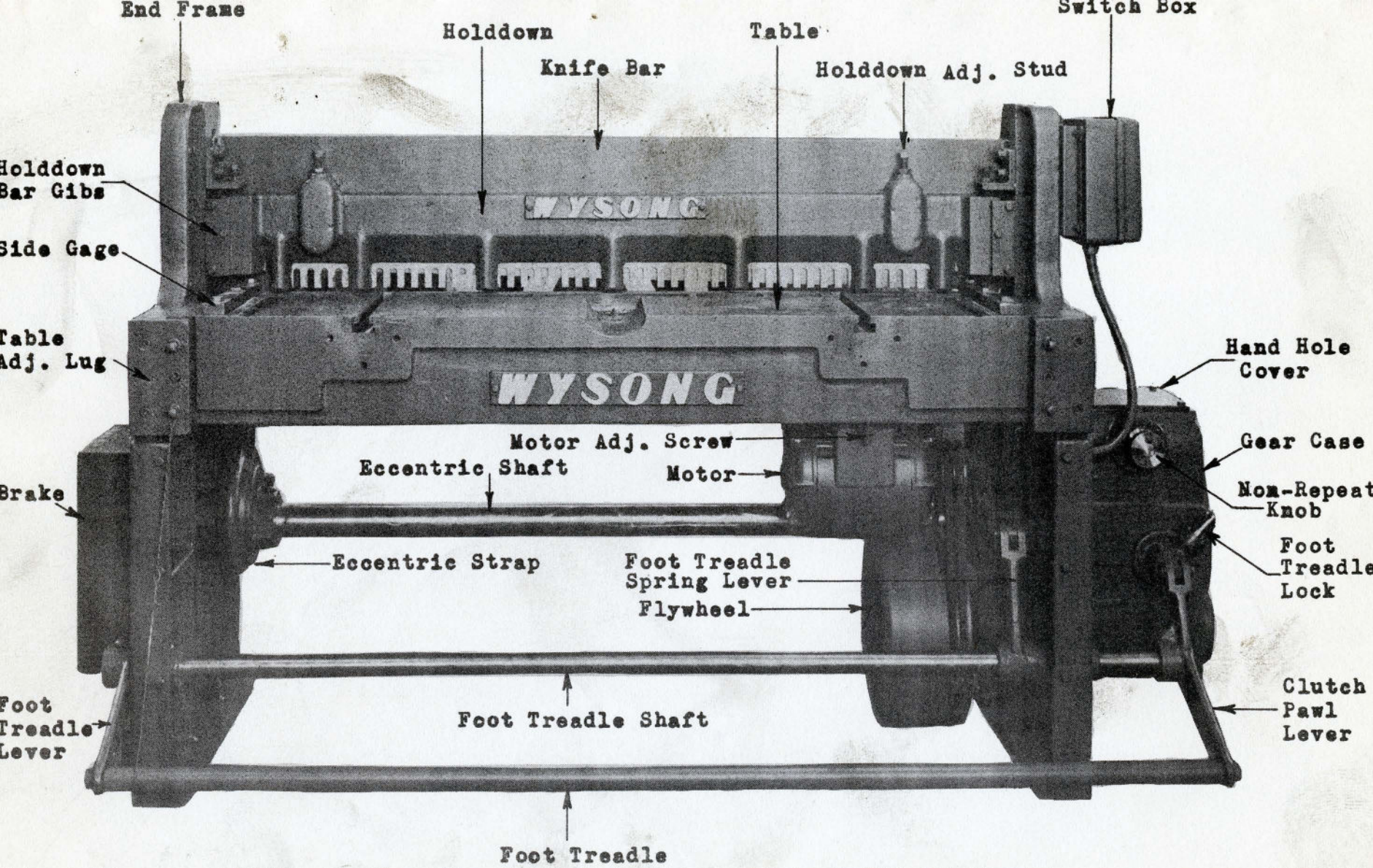
<u>QUANTITY</u>	<u>NAME OF PART</u>	<u>PART NUMBER</u>
	<u>Gear Box Assembly (Continued)</u>	
1	Shifter Arm Shaft	S52S-5
1	Cam Retracting Slide	S12S-80
1	Pawl Retaining Collar	8HS-38
1	Pawl Lifting Stud	8HS-41
1	1/2" Dia. Steel Ball	
1	Spring (Cam Retracting Slide)	B-19
1	Spring (Lifting Lever)	B-37
2	1/4" x 1" Woodruff Keys	#808
1	Key, 1/4" Sq. x 2-1/4" Long	
2	Truarc Rings	5100-62
3	Truarc Rings	5100-100
1	Oil Deflector	S52-35
1	Top Center Indicator	S52S-49
1	Bijur Window Unit	B-5104
	<u>Holddown Assembly</u>	
1	Holddown	S60S-4
1	Finger Guard	S60S-7
2	Mounting Lugs (1 Right and 1 Left)	S72S-13
1	Holddown Top Finger Guard	S60S-12
9	Holddown Feet	7SS-94
9	Ball Sleeves	7SS-96
18	Lifting Lugs	S52S-61
9	Holddown Pins	S52S-78
9	Lifting Bars	S52S-80
4	Finger Guard Clips	S10S-116
1	Guide Strip	7SS-97
5	Springs	B-74
4	Springs	B-101
9	Springs	B-105
9	Springs	B-50
9	Truarc Rings	5100-87
9	1/2" Flexloc Nuts	
18	3/8" Dia. Steel Balls	
	<u>Eccentric Shaft Assembly</u>	
1	Eccentric Shaft	S60S-1
2	Eccentric Straps	S52-27
2	Eccentric Strap Bushings	S52-26
1	Eccentric Shaft Bearing (Right-Hand)	S52-8
1	Eccentric Shaft Bearing Bushing	S52-8B
1	Eccentric Shaft Bushing (Left-Hand)	S52-28
1	Eccentric (Left-Hand)	S72-5
1	Eccentric (Right-Hand)	S72-4
2	Connection End Pins	7YS-21
2	Eyebolt Locking Pins	7YS-22
2	Eccentric Keys	S52S-19

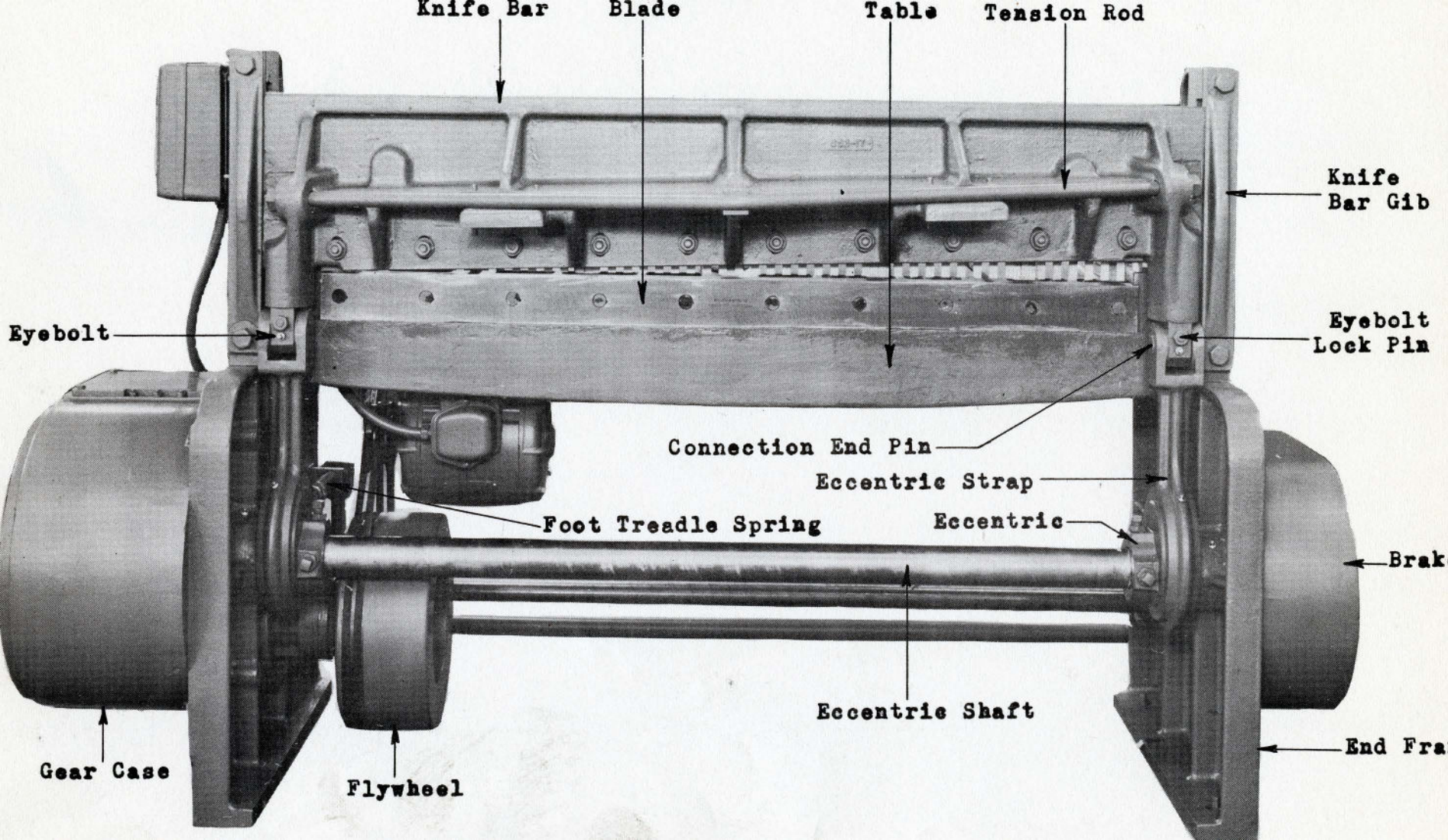
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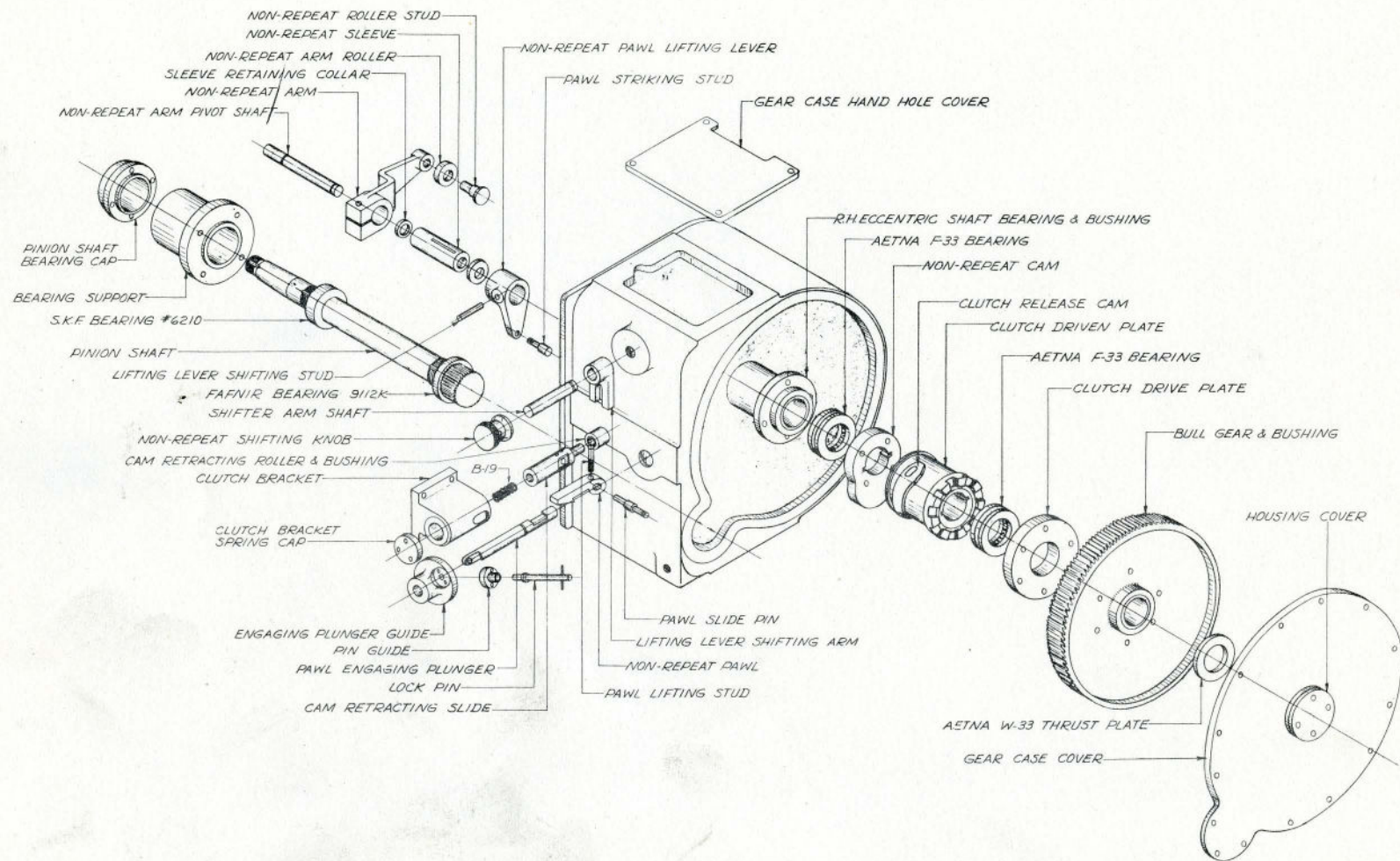
<u>QUANTITY</u>	<u>NAME OF PART</u>	<u>PART NUMBER</u>
	<u>Foot Treadle Assembly</u>	
1	Foot Treadle Shaft	S60S-3
1	Foot Treadle	S60S-2
1	Foot Treadle Lever	S52-24
1	Clutch Pawl Lever	S52-25
1	Foot Treadle Spring Lever	S52-20
1	Foot Treadle Collar	7JS-66
1	Bracket (Pedal Spring Guide)	7KS-99
2	Foot Treadle Plugs	7KS-50
1	Pedal Spring Eyebolt	S52S-14
1	Spring (Treadle Spring Eyebolt)	B-8
1	Pawl Lever Stud	8HS-56
2	Truarc Rings	5109-62
	<u>Brake Assembly</u>	
1	Brake Drum	S52-30
1	Female Brake Shoe	S52-31
1	Male Brake Shoe	S52-32
1	Brake Arm	S52S-35
1	Pivot Stud (Brake Arm)	S52S-37
1	Brake Cover	S52S-36
1	Spring Stud	S10S-76
1	Brake Arm Spacer	S10S-91
2	Spring Stud Washers	8HS-102
1	Male Brake Shoe Stop	8HS-104
1	Brake Drum Clamping Sleeve	S52S-30
1	Clamping Sleeve Collar	S52S-31
1	Brake Pivot Stud	S52S-32
1	Brake Pivot Stud Washer	S52S-33
1	Brake Cam	S52S-34
1	McGill Cam Follower	CF-1-3/4
1	Aetna Thrust Washer	W-33
1	Spring	B-21
2	Brake Linings- 1/4" x 2" x 14-1/8"	
12	Brass Flat Head Machine Screws	10-32 x 1/2"
2	Truarc Locks	5100-87
1	Square Head Set Screw	1/2"-13 x 2-1/2" L.
3	Flexloc Nuts	5/8"-11
1	Flexloc Nut	1/2"-13
1	Flexloc Nut	3/4"-10
1	Flexloc Nut	3/4"-16
1	Grease Seal (Victorprene)	60914
	<u>Back Gauge Assembly - Micrometer</u>	
2	Rails	S52-34
1	Left-Hand Gear Housing	7H-105
2	Slides	7H-172

QUANTITYNAME OF PARTPART NUMBERBack Gauge Assembly (Continued)

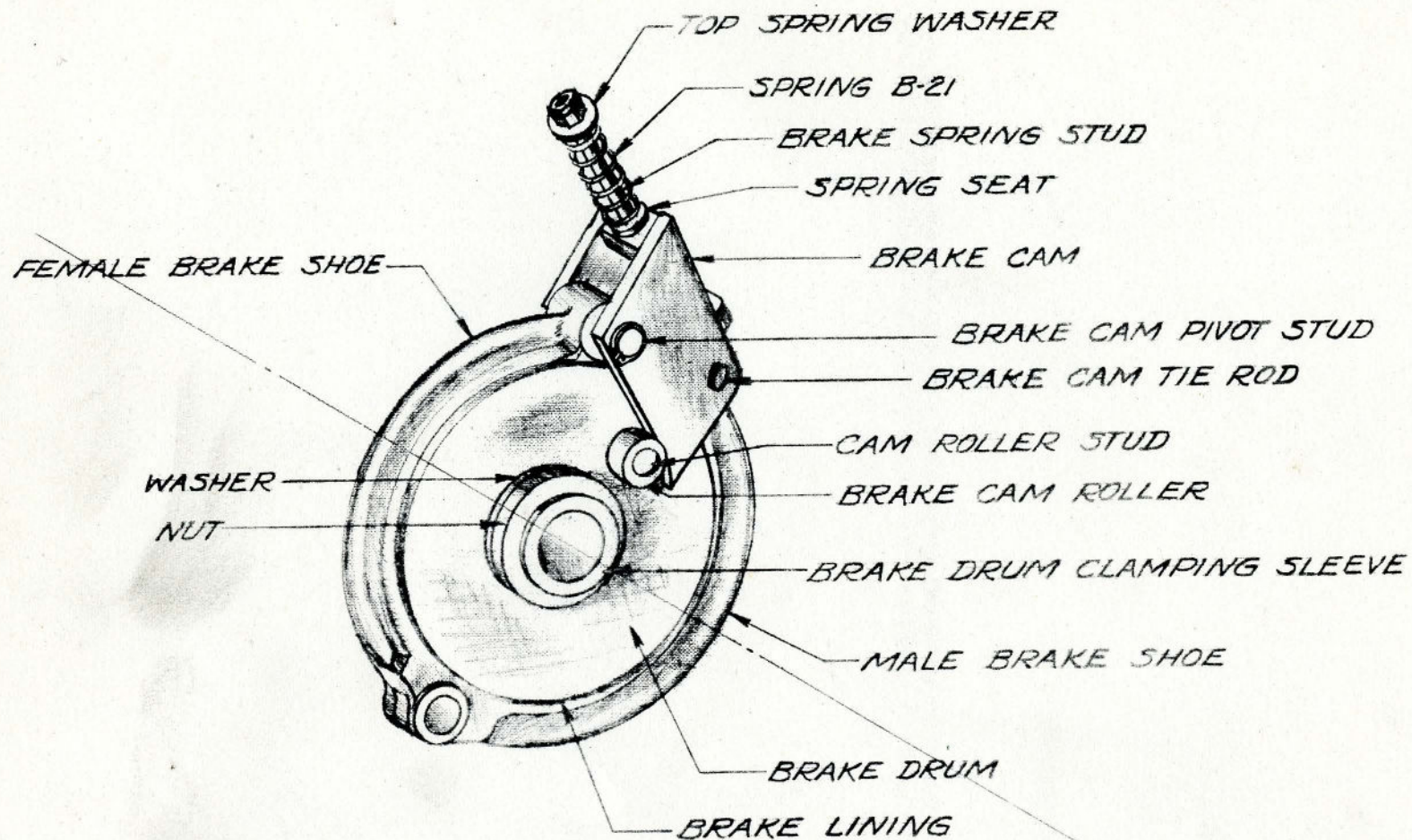
1	Clutch Shoe	7H-173
2	Driving Nuts (Stationary)	7H-200
2	Driving Nuts (Adjustable)	7H-201
1	Back Gauge Indicator	7H-202
1	Right-Hand Gear Housing	7H-419
1	Dial	7H-405
1	Pointer	7H-408
4	Slide Gibs	7HS-105
1	Handle	7HS-107
2	Washers	7HS-110
2	Screw Thrust Collars	7HS-112
2	Screw Miter Gears	7HS-113
1	Horizontal Miter Gear - Right-Hand	7HS-114
1	Horizontal Miter Gear - Left-Hand	7HS-115
1	Dial Adjusting Plate	7HS-122
2	Slide Screws	7HS-160
1	Horizontal Drive Shaft (Short)	7HS-166
1	Clutch Drum	7HS-168
2	Shoulder Screws	7HS-170
1	Rail Bushing	7HS-171
1	Left-Hand Gear Housing Cap	7HS-247
2	Slide Extensions	7HS-467
1	Measuring Dial	7HS-455
1	Clamp Stud	7HS-545
1	Locking Ring	7HS-484
1	Stop Gauge Adjusting Stud	7HS-386
1	Horizontal Drive Shaft (Long)	7HS-304
1	Back Stop Angle	S60S-10
1	Clamp Block	7HS-544
1	Locking Handle	7HS-546
1	Locking Block	7HS-547
2	Aetna Thrust Bearings	F-5-3/4
2	Bearings	ND 88503
2	Bearings	ND 88504
4	Miter Gears	BGW L-129
1	Bearing	SKF 6201-2RS
1	Spring	B-9



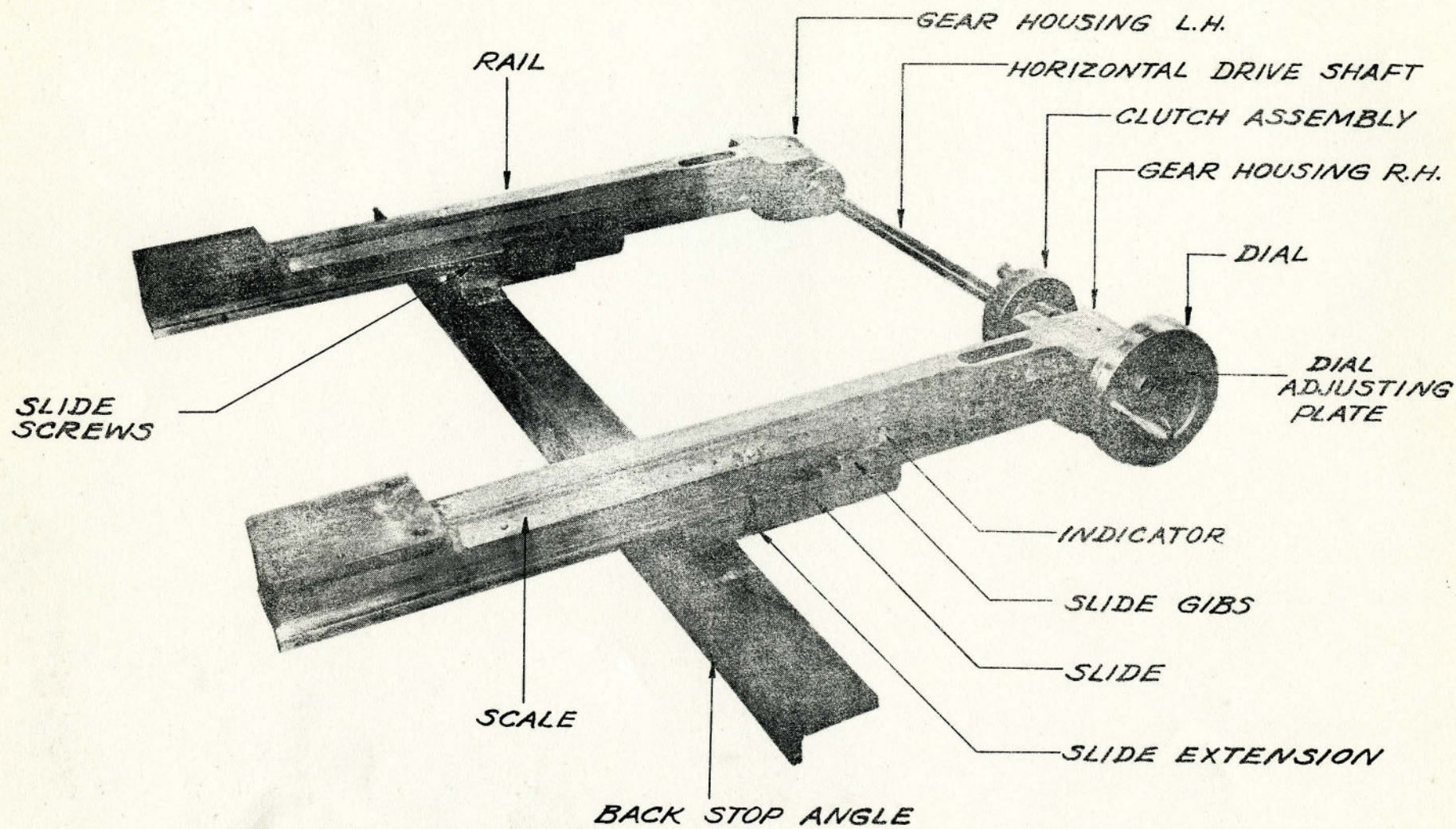




GEAR BOX UNIT



BRAKE ASSEMBLY



BACK GAUGE ASSEMBLY