

Instructions for Ordering Parts

The drawings in this catalog are of general application to machines of this model and may not show your machine accurately in all details. We will furnish parts to fit the machine of which you give the shop number, even if some of the illustrations do not show them quite as they actually appear on the machine.

As you stand at the engine and face toward the boom, parts to the right are called "right hand" and those to the left are called "left hand". The boom end of the machine is called "front," and the engine end is called "rear". The driving tumblers are at the rear end of the Cats.

Each part, and in some cases groups of parts and units, is given a Number and Name for use when ordering by letter or telephone, and a Code Word for use when ordering by telegraph.

When ordering parts please give the following information

1—Either the Number and Name of the Part, or the Code Word.

2—The Quantity Wanted.

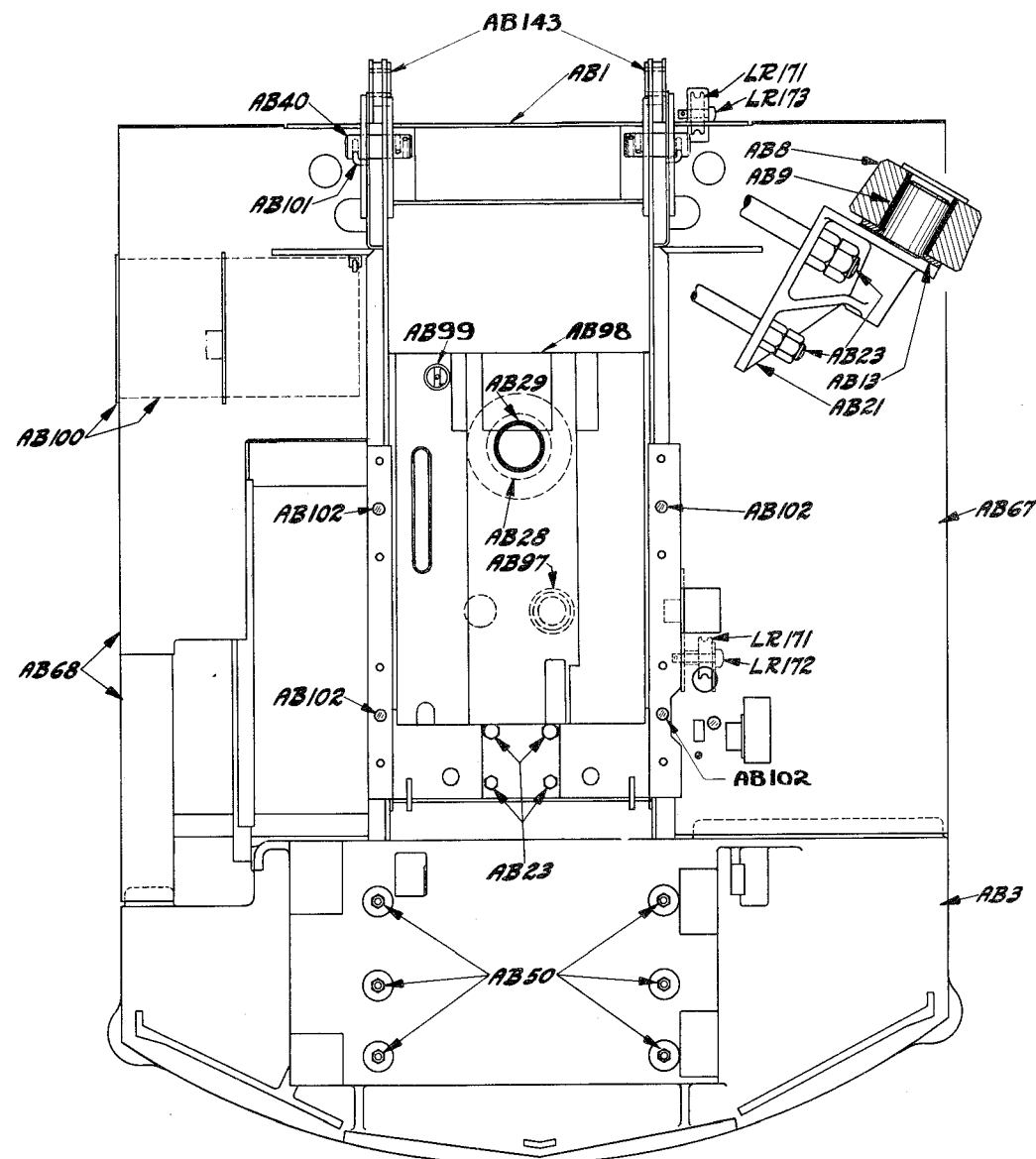
3—The Shop Number Found on the Name Plate Attached to the Machine.

4—The Destination and Method of Shipment. State whether shipment is to be made by freight, express or parcel post. Mention any special routing or invoicing instructions.

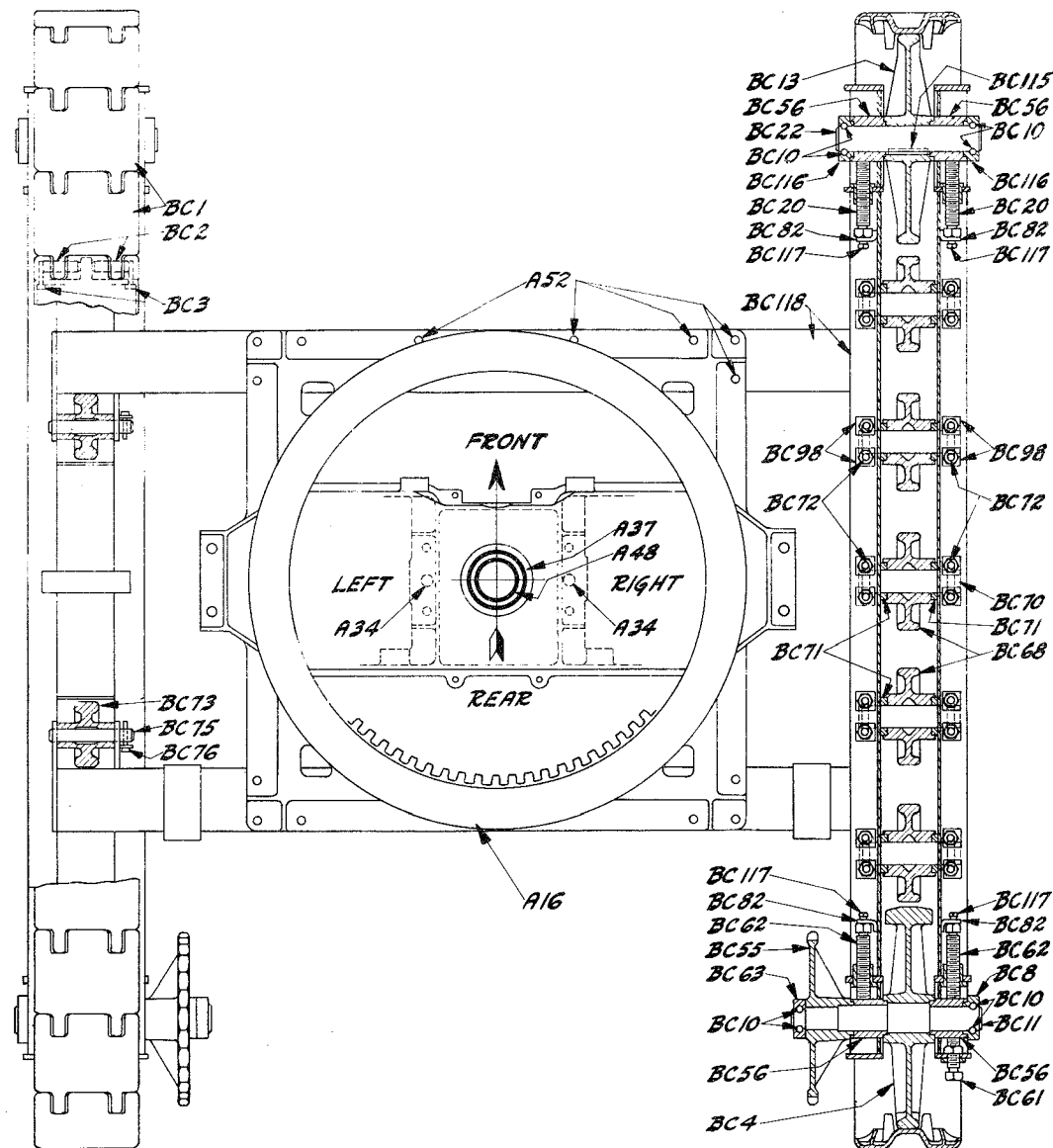
5—When ordering parts for dragline and clam-shell buckets, engines, light plants, electric motors, etc., give the serial numbers appearing on the name plates attached to them.

Bucyrus-Erie Company

CODE	NUMBER AND NAME
ABHAD	AB1 Welded frame complete
ABHEH	AB3 Rear end casting
ABHQU	AB8 Roller (1 only—includes AB9)
ABHUY	AB9 Roller bushing (1 only)
ABIBD	AB13 Roller washer (1 only)
ABIJM	AB21 Roller bearing (1 only)
ABILO	AB23 Bearing bolts (set for 1 bearing)
ABIQT	AB28 Center pintle sleeve (includes AB29)
ABIRU	AB29 Propelling shaft upper bushing
ABJGI	AB40 Boom foot pin (1 only)
ABKNO	AB50 Rear casting bolts (set)
ABMVU	AB67 Right deck plate complete with bolts
ABMYX	AB68 Left deck plate complete with bolts
ABORO	AB97 Vertical swing shaft sleeve
ABOSP	AB98 Oil cover
ABOTQ	AB99 Oil gauge
ABOUR	AB100 Tool box
ACZBO	AB101 Boom foot pin dowel (1 only)
ACZGU	AB102 Bearing dowel (1 only)
CHZH	AB143 Boom foot pin bushing
ALIHV	LR171 Roller
ALIIW	LR172 Roller pin
ALIJX	LR173 Roller pin

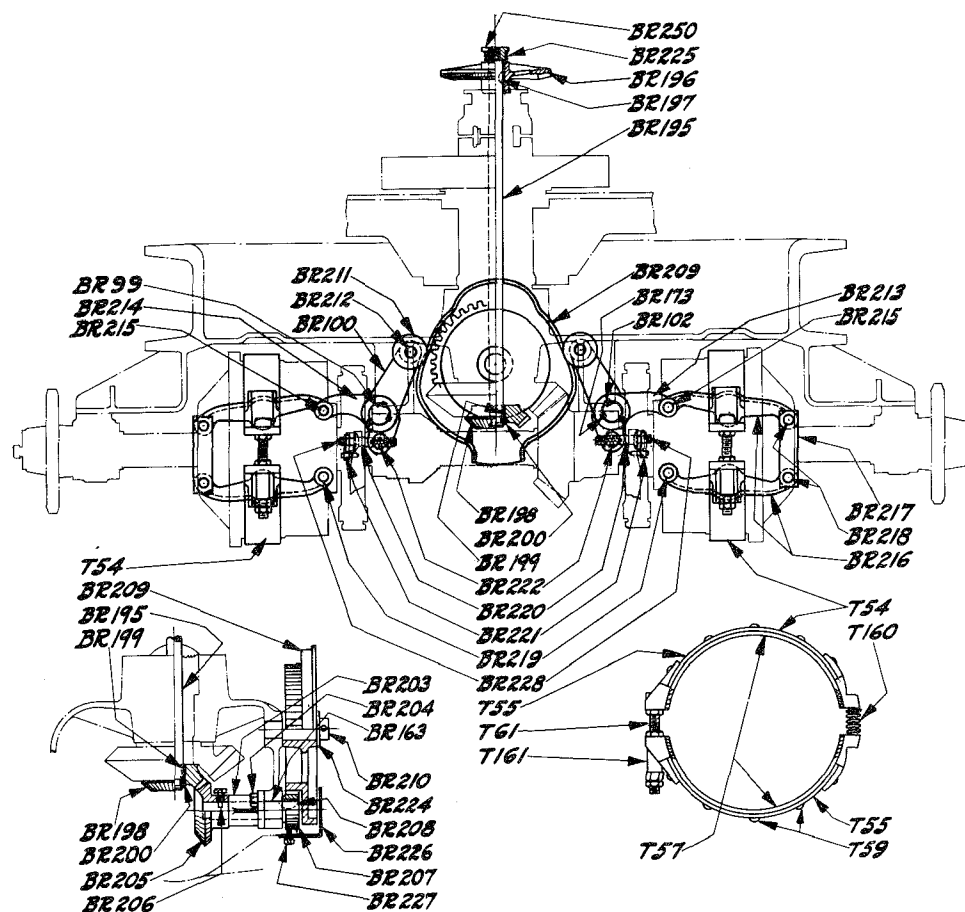


CODE	NUMBER AND NAME
ABAPA	A16 Truck Frame casting (includes A37 and A48)
ABBYI	A34 Bearing dowel (1 only)
ABCFO	A37 Center bushing
ABDIR	A48 Propelling shaft lower bushing
ABDSA	A52 Foundation bolts (set)
ABOVS	BC1 Track link
ABOWT	BC2 Track link pin (1 only)
ABOXU	BC3 Link pin lock (1 only)
ABOYV	BC4 Driving tumbler
ABPFA	BC8 Tumbler shaft retainer
ABPMI	BC10 Retainer pin (1 only)
ABPOK	BC11 Driving tumbler shaft
ABPUQ	BC13 Take-up tumbler
ABQNI	BC20 Take-up screw (1 only)
ABQTO	BC22 Take-up shaft
ABTYQ	BC55 Chain sprocket
ABUAR	BC56 Tumbler shaft bearing (1 only)
ABUFW	BC61 Propelling chain adjusting screw (includes nut)
ABUGY	BC62 Propelling chain adjusting screw
ABUHZ	BC63 Chain sprocket retainer
ABUNE	BC68 Lower roller
ABUPG	BC70 Lower roller shaft
ABUQH	BC71 Lower roller dust shield (1 only)
ABURI	BC72 Lower roller shaft U-Bolt (1 only)
ABUSJ	BC73 Upper roller
ABUUL	BC75 Upper roller shaft
ABUVM	BC76 Upper roller shaft lock
ABVEU	BC82 Adjusting screw lock (1 only)
ABWUJ	BC98 U-Bolt bevel washer (1 only)
ABYJX	BC115 Take-up tumbler key
ABYKY	BC116 Take-up tumbler shaft retainer (1 only)
ABYLZ	BC117 Lock cap screw (1 only)
ABYNA	BC118 Welded cat. frame complete



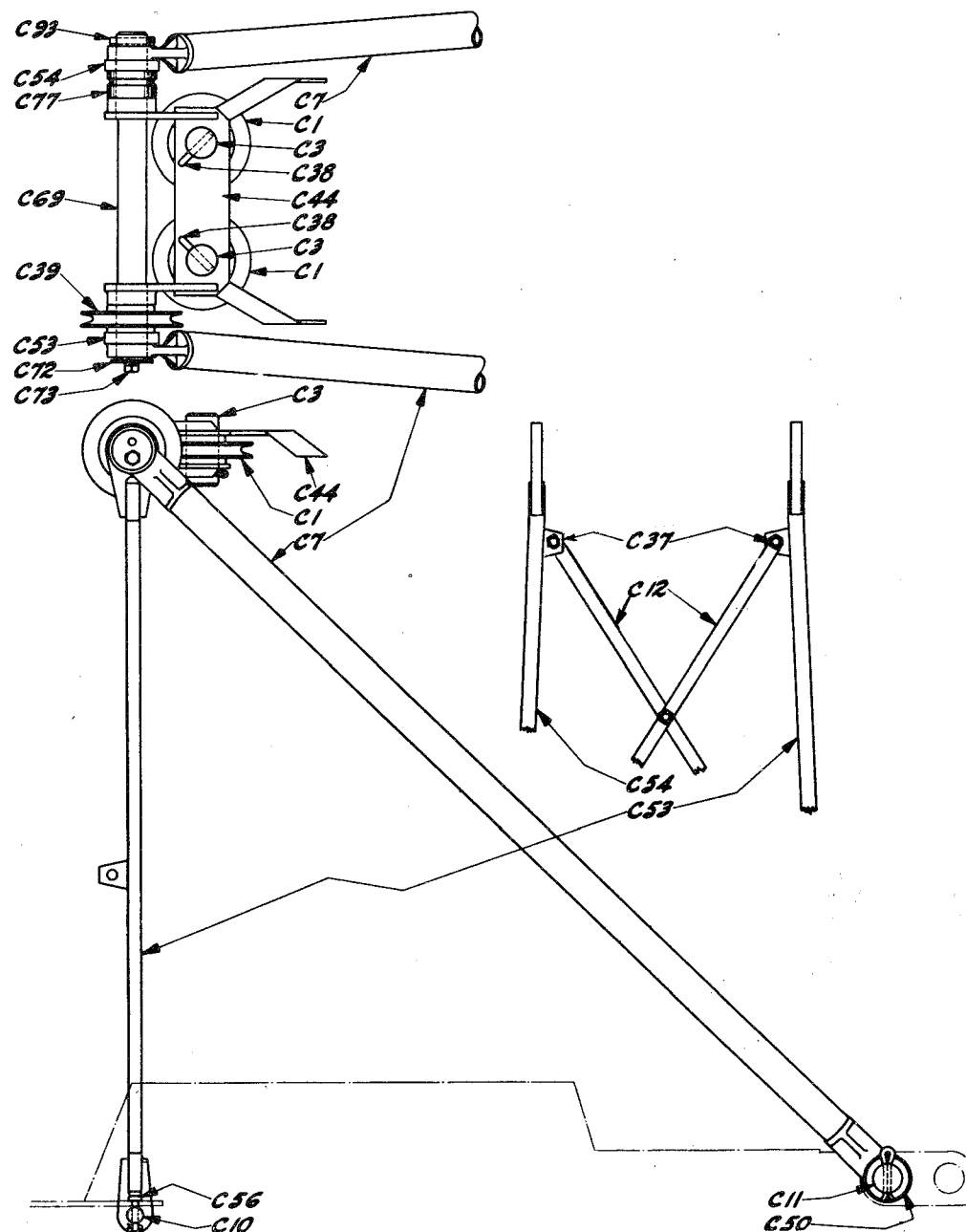
1-BR-326
Bucyrus-Erie Co.

CODE	NUMBER AND NAME
ADIJO	BR99 Intermediate steering shaft (1 only)
ADIKP	BR100 Intermediate shaft lever (1 only)
ADIMR	BR102 Lever key (1 only)
ADOGF	BR163 Lower steering shaft
ADOQP	BR173 Bell crank key (1 only)
ADQBY	BR195 Vertical steering shaft
ADQEA	BR196 Vertical shaft bevel gear
ADQHE	BR197 Bevel gear key
ADQIF	BR198 Vertical shaft miter gear
ADQLI	BR199 Miter gear key
ADQOL	BR200 Retaining washer
ADQXU	BR203 Lower steering shaft bearing
ADQYV	BR204 Bearing bolt (1 only)
ADRAW	BR205 Lower shaft miter gear
ADRCY	BR206 Miter gear dowel
ADRFA	BR207 Lower shaft pinion
ADRIE	BR208 Pinion key
ADRFI	BR209 Steering cam
ADROK	BR210 Cam shaft
ADRSO	BR211 Cam roller (1 only)
ADRUQ	BR212 Cam roller pin (1 only)
ADRYU	BR213 Right bell crank
ADSAV	BR214 Left bell crank
ADSDY	BR215 Bell crank brake lever pin (1 only)
ADSEZ	BR216 Brake lever (1 only)
ADSID	BR217 Brake lever link (1 only)
ADSJE	BR218 Link pin (1 only)
ADSNi	BR219 Brake lever fulcrum pin (1 only)
ADSOJ	BR220 Bell crank adjusting bolt (1 only)
ADSTO	BR221 Adjusting bolt lock (1 only)
ADSUP	BR222 Adjusting bolt pin (1 only)
ADSZU	BR224 Cam shaft washer
ADTAU	BR225 Vertical shaft spring
ADTEY	BR226 Cam guard
ADTGA	BR227 Cam guard cap screw (1 only)
ADTIC	BR228 Lock cap screw (1 only)
ADUSL	BR250 Spring retainer nut
AYCAG	T54 Brake band complete (includes 2 of T55, T61, T160 and T161)
AYCBH	T55 Brake band (1 half—includes T57)
AYCDJ	T57 Lining for T55 (includes T59)
AYCFL	T59 Rivets for T57
AYCHO	T61 Adjusting bolt
AYGMO	T160 Brake release spring
AYGNP	T161 Adjusting bolt spacer

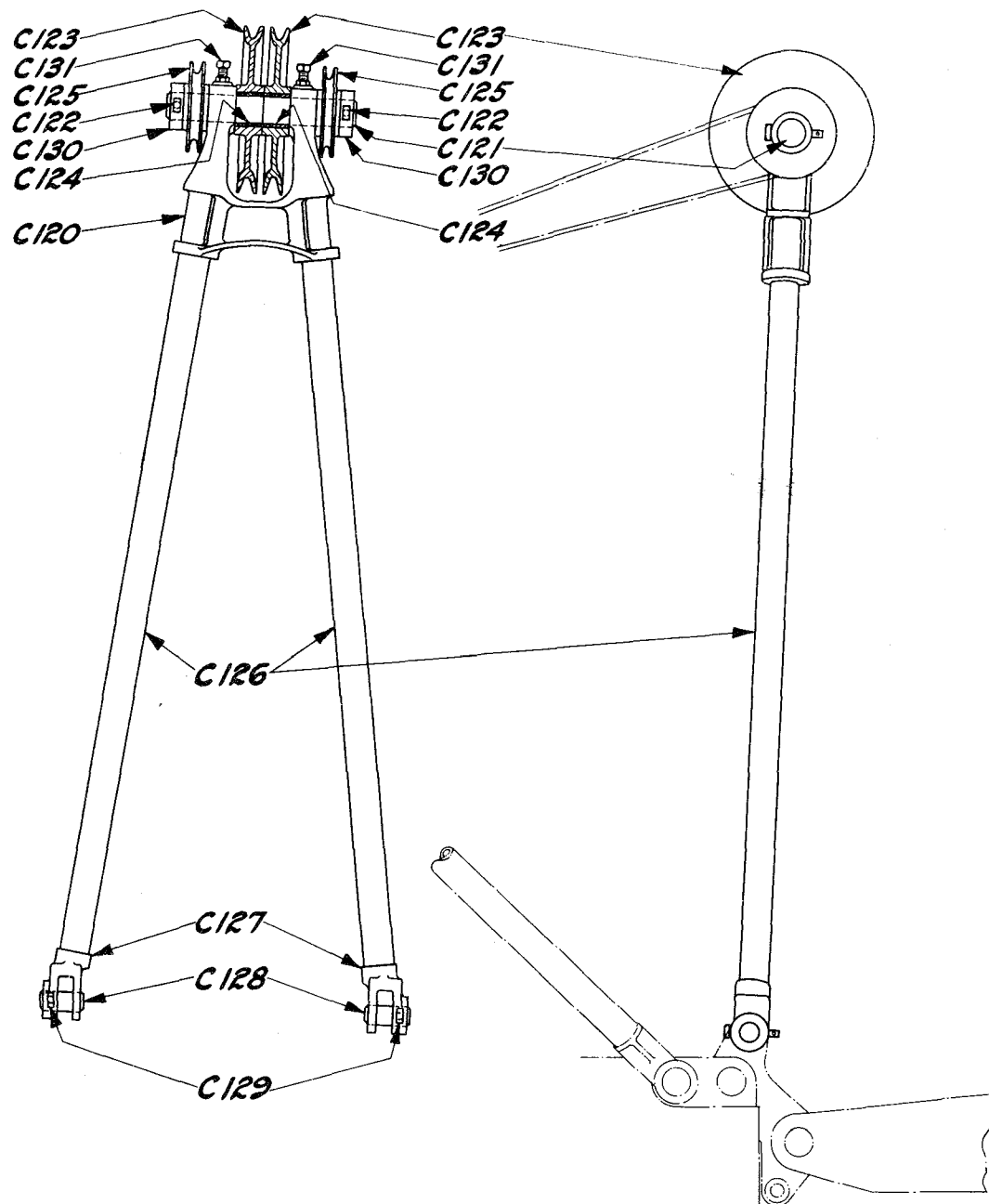


1-C-314
Bucyrus-Erie Co.

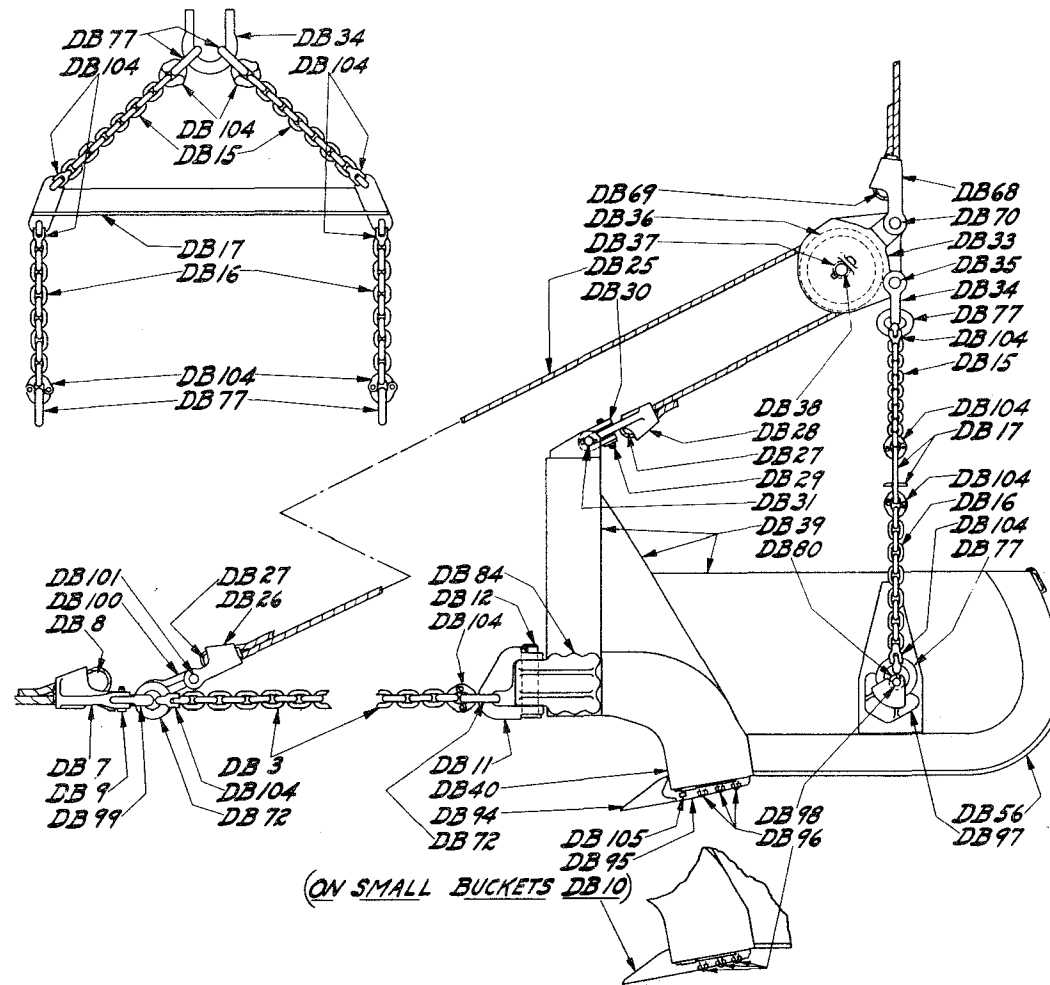
CODE	NUMBER AND NAME
AEHWC	C1 Suspension sheave
AEHYE	C3 Suspension sheave pin
AEIDI	C7 A Frame leg
AEIHN	C10 Backleg pin (1 only)
AEIJP	C11 A Frame foot pin (1 only)
AEIKQ	C12 Backleg brace (1 only)
AEJMR	C37 Brace bolts (set for 1 brace)
AEJNS	C38 Suspension sheave pin lock
AEJOT	C39 Boom hoist sheave
AEJTY	C44 A Frame yoke
AEKAD	C50 Foot pin washer (1 only)
AEKDG	C53 Right back leg
AEKEH	C54 Left back leg
AEKGK	C56 Back leg pin lock (1 only)
AEKTX	C69 A Frame pin
AEKXA	C72 A Frame pin retainer
AEKYB	C73 Retainer cap screw
AELCE	C77 Suspension rope anchor
AELSV	C93 A Frame pin lock



CODE	NUMBER AND NAME	
BZAAI	C120	Auxiliary A Frame head
BZAEM	C121	Auxiliary A Frame head pin
BZAIK	C122	Pin lock (1 only)
BZALU	C123	Hoist sheave
BZAOX	C124	Hoist sheave bushing
BZAPY	C125	Suspension sheave
BZASA	C126	Auxiliary A Frame leg
BZAUC	C127	Auxiliary A Frame foot
BZAWK	C128	Foot pin
BZAYG	C129	Foot pin lock
BZEAE	C130	Pin collar (1 only)
BZEEI	C131	Head set screw (1 only)

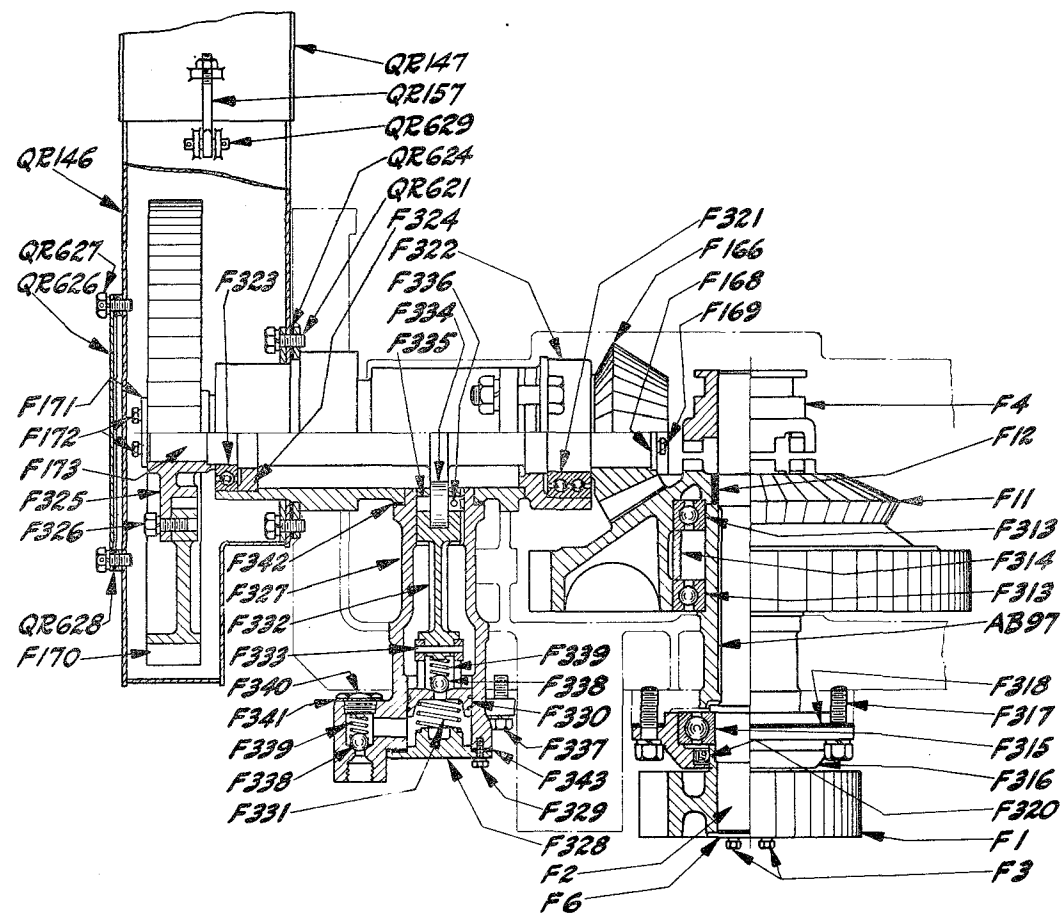


CODE	NUMBER AND NAME
AEMBC	DB1 Drag bucket complete
AEMCD	DB2 Drag bail complete (includes 2 of DB3)
AEMDE	DB3 Drag bail chain (one side only—includes 2 of DB72 and 2 of DB104)
AEMHJ	DB7 Drag rope socket (includes DB8)
AEMIK	DB8 Rope socket wedge
AEMJL	DB9 Rope socket pin
AEMKM	DB10 1-piece tooth on small buckets (1 only)
AEMLN	DB11 Bucket clevis (1 only)
AEMMO	DB12 Bucket clevis pin (1 only)
AEMOQ	DB14 Hoist bail complete (includes DB17, 2 of DB15 and 2 of DB16)
AEMPR	DB15 Upper hoist bail chain (includes DB77 and 2 of DB104)
AEMQS	DB16 Lower hoist bail chain (includes DB77 and 2 of DB104)
AEMRT	DB17 Spreader
AENGH	DB25 Dump rope
AENHI	DB26 Dump rope socket (includes DB27)
AENIJ	DB27 Rope socket wedge
AENJK	DB28 Dump rope socket (includes DB27)
AENKL	DB29 Rope socket pin
AENLM	DB30 Dump link
AENMN	DB31 Dump link pin
AENNO	DB32 Dump block complete (includes DB33, DB34, DB35, DB36 and DB38)
AENOP	DB33 Dump sheave frame
AENPQ	DB34 Dump block clevis
AENQR	DB35 Clevis pin
AENRS	DB36 Dump sheave (includes DB37)
AENST	DB37 Sheave bushing
AENTU	DB38 Sheave pin
AENUV	DB39 Bucket body (includes DB40, set of DB56 and 2 of DB97)
AENVW	DB40 Bucket lip
AEPJI	DB56 Shoe bar (1 only)
AEPVU	DB68 Hoist rope socket (includes DB69)
AEPWV	DB69 Rope socket wedge
AEPXW	DB70 Rope socket pin
AEPZY	DB72 Drag chain ring (1 only)
AEQFC	DB77 Hoist chain ring (1 only)
AEQIG	DB80 Trunnion link spool
AEQMK	DB84 Drag chain clevis plate (1 only)
AEQWU	DB94 Tooth point (1 only)
AEQXV	DB95 Tooth base (1 only)
AEQYW	DB96 Tooth base bolts (set for 1 tooth)
AEQZX	DB97 Hoist trunnion (1 only)
AERAX	DB98 Hoist trunnion pin (1 only)
AERBY	DB99 Drag rope socket clevis
AERCZ	DB100 Drag dump link
BYWXI	DB101 Drag dump link pin
BYXEO	DB104 Repair clevis (2 halves with rivets. State for what size chain wanted)
BYXIT	DB105 Tooth point wedge

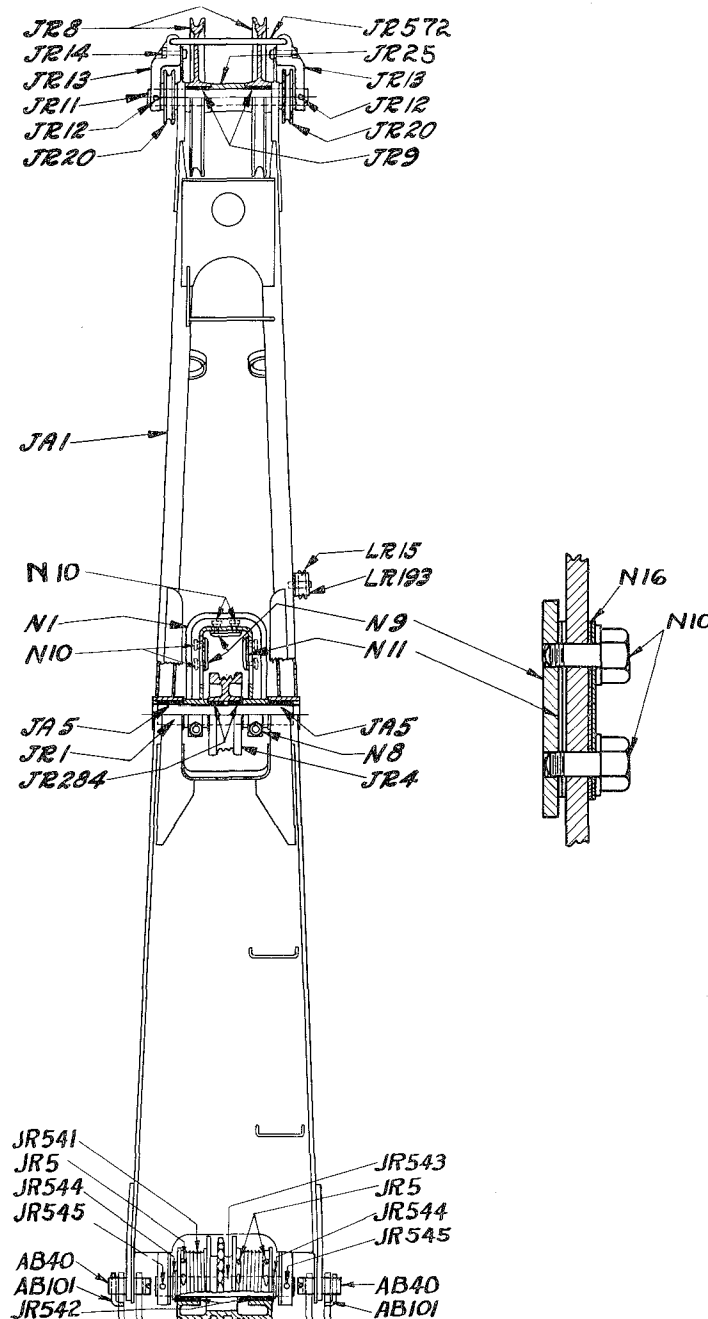


1-F-337
Bucyrus-Erie Co.

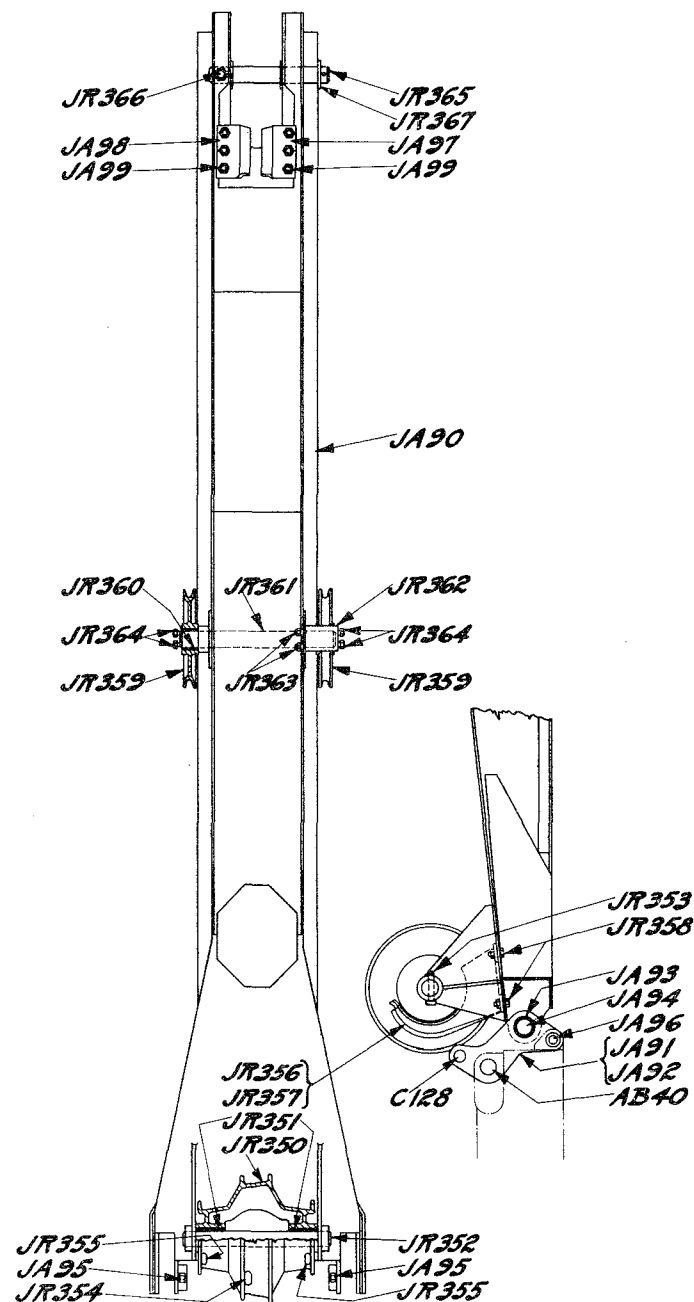
CODE	NUMBER AND NAME
ABORO	AB97 Vertical swing shaft sleeve
AEREA	F1 Swing rack pinion
AERFB	F2 Vertical shaft
AERGD	F3 Retainer cap screw (1 only)
AERHE	F4 Vertical shaft clutch
AERJG	F6 Rack pinion retainer
AEROL	F11 Vertical shaft gear (includes F12)
AERPM	F12 Gear bushing
AEXYP	F166 Horizontal shaft bevel pinion
AEYBR	F168 Bevel pinion retainer
AEYCS	F169 Retainer cap screw (1 only)
AEYDT	F170 Horizontal shaft gear
AEYEU	F171 Gear retainer
AEYFV	F172 Retainer cap screw (1 only)
AEYGX	F173 Horizontal shaft
AFHEL	F313 Vertical shaft upper bearing (1 only)
AFHGO	F314 Upper bearing spacer
AFHIQ	F315 Vertical shaft lower bearing
AFHMU	F316 Lower bearing housing
AFHOW	F317 Housing cap screw (1 only)
AFHQY	F318 Housing gasket
AFHUB	F320 Oil seal ring
AFHXE	F321 Horizontal shaft right bearing
AFHYF	F322 Right bearing housing
AFIAG	F323 Horizontal shaft left bearing
AFIBH	F324 Left bearing spacer
AFICI	F325 Gear hub
AFIDJ	F326 Hub cap screw (1 only)
AFIEK	F327 Oil pump cylinder
AFIFL	F328 Cylinder cover
AFIGN	F329 Cover cap screw (1 only)
AFIHO	F330 Oil pump piston
AFIIP	F331 Piston spring
AFIJQ	F332 Piston rod
AFIKR	F333 Piston rod pin
AFILS	F334 Cam roller
AFIMT	F335 Roller pin
AFINU	F336 Roller pin lock
AFIOV	F337 Cylinder cap screw (1 only)
AFIPW	F338 Ball check (1 only)
AFIQX	F339 Check spring (1 only)
AFIRY	F340 Check cap
AFISZ	F341 Cap washer
AFIUA	F342 Cylinder gasket
AFIVB	F343 Cover gasket
AQYNQ	QR146 Transmission case
AQYOR	QR147 Transmission case cover
AQYZB	QR157 Cover eye bolt (1 only)
ASINH	QR621 Case cap screw (1 only)
ASIQK	QR624 Joint gasket
ASISM	QR626 Swing shaft cover plate
ASITN	QR627 Cover plate cap screw (1 only)
ASIUO	QR628 Cover plate gasket
ASIVP	QR629 Eye bolt pin (1 only)



CODE	NUMBER AND NAME
ABJGI	AB40 Boom foot pin
ACZBO	AB101 Boom foot pin dowel
AGONQ	JA1 Bare boom
AGORU	JA5 Shipper shaft bushing
AHOYU	JR1 Shipper shaft
AHOYB	JR4 Shipper shaft drum (includes JR284)
AHOZC	JR5 Rope socket wedge (1 only)
AHPEG	JR8 Point sheave (includes JR9)
AHPIL	JR9 Point sheave bushing
AHPOR	JR11 Point sheave pin
AHPRU	JR12 Sheave pin lock
AHPUX	JR13 Suspension sheave rope guard (1 only)
AHPVY	JR14 Rope guard bolt
AHQIK	JR20 Suspension sheave
AHQWY	JR25 Point sheave spacer
AIGDP	JR284 Shipper shaft drum bushings (set of 2)
CFKYA	JR541 Boom foot crowd drum (includes JR542)
CFMAA	JR542 Crowd drum bushings (set of 2)
CFMEE	JR543 Crowd drum shaft
CFNII	JR544 Shaft washer
CFNOO	JR545 Shaft lock
CNCOI	JR572 Point sheave rope guard
AKXIG	LR15 Trip rope roller
ALJLY	LR193 Roller bearing
AMEPI	N1 Saddle block (includes 2 of N8, N9, set of N10, N11 and N16)
AMEWP	N8 Clamp bolt (1 only)
AMEXQ	N9 Wearing plates (set of 6)
AMEYR	N10 Wearing plate cap screw (1 only)
AMEZS	N11 Liner (set of 6)
AMFME	N16 Filler bars (set of 12)

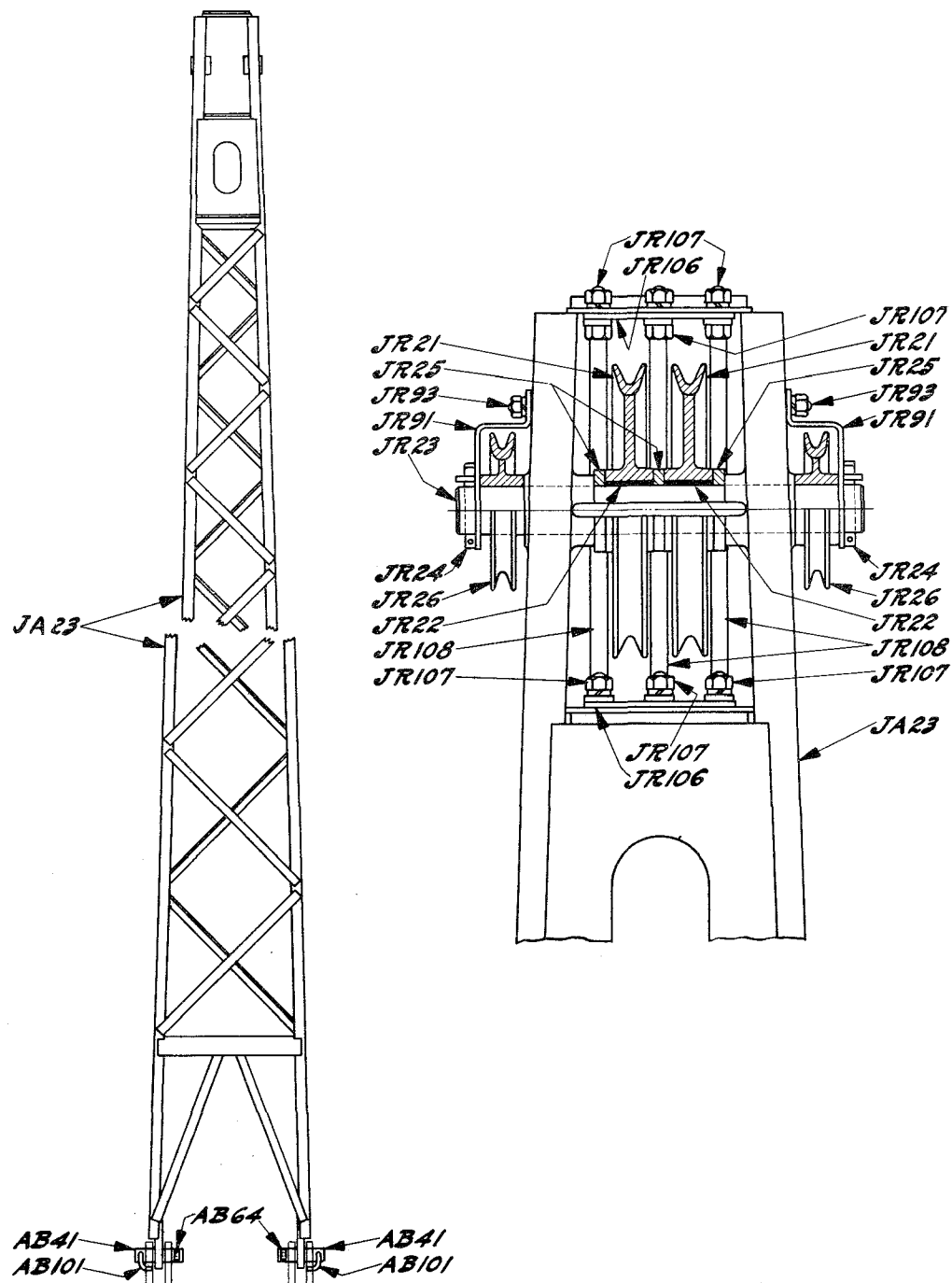


CODE	NUMBER AND NAME
ABJGI	AB40 Boom foot pin (1 only)
BZawe	C128 Auxiliary A Frame foot pin (1 only)
AGVYU	JA90 Bare boom
AGWAV	JA91 Right boom foot adapter (includes JA93)
AGWDY	JA92 Left boom foot adapter (includes JA93)
AGWEZ	JA93 Boom foot adapter bushing (1 only)
AGWID	JA94 Boom foot adapter pin (1 only)
AGWJE	JA95 Adapter pin lock (1 only)
AGWNI	JA96 Adapter anchor pin (1 only)
AGWOJ	JA97 Dipper handle right bumper
AGWTO	JA98 Dipper handle left bumper
AGWUP	JA99 Dipper handle bumper bolts (set for 1 bumper)
AIJBK	JR350 Auxiliary drag drum (includes JR351)
AIJCL	JR351 Drum bushings (set of 2)
AIJDM	JR352 Drum shaft
AIJEN	JR353 Drum shaft lock
AIJFO	JR354 Main drag rope anchor wedge
AIJGQ	JR355 Auxiliary drag rope anchor wedge (1 only)
AIJHR	JR356 Drum right rope guard
AIJIS	JR357 Drum left rope guard
AIJIT	JR358 Drum rope guard bolts (set for 1 guard)
AIJKU	JR359 Guide sheave (includes JR360)
AIJLV	JR360 Guide sheave bushing (1 only)
AIJMW	JR361 Guide sheave pin
AIJNX	JR362 Sheave rope guard (1 only)
AIJOY	JR363 Guard bolts (set for 1 guard)
AIJPZ	JR364 Guard cap screw (1 only)
AIJRA	JR365 Boom point hinge pin
AIJSB	JR366 Hinge pin lock bolt
AIJTC	JR367 Hinge pin washer



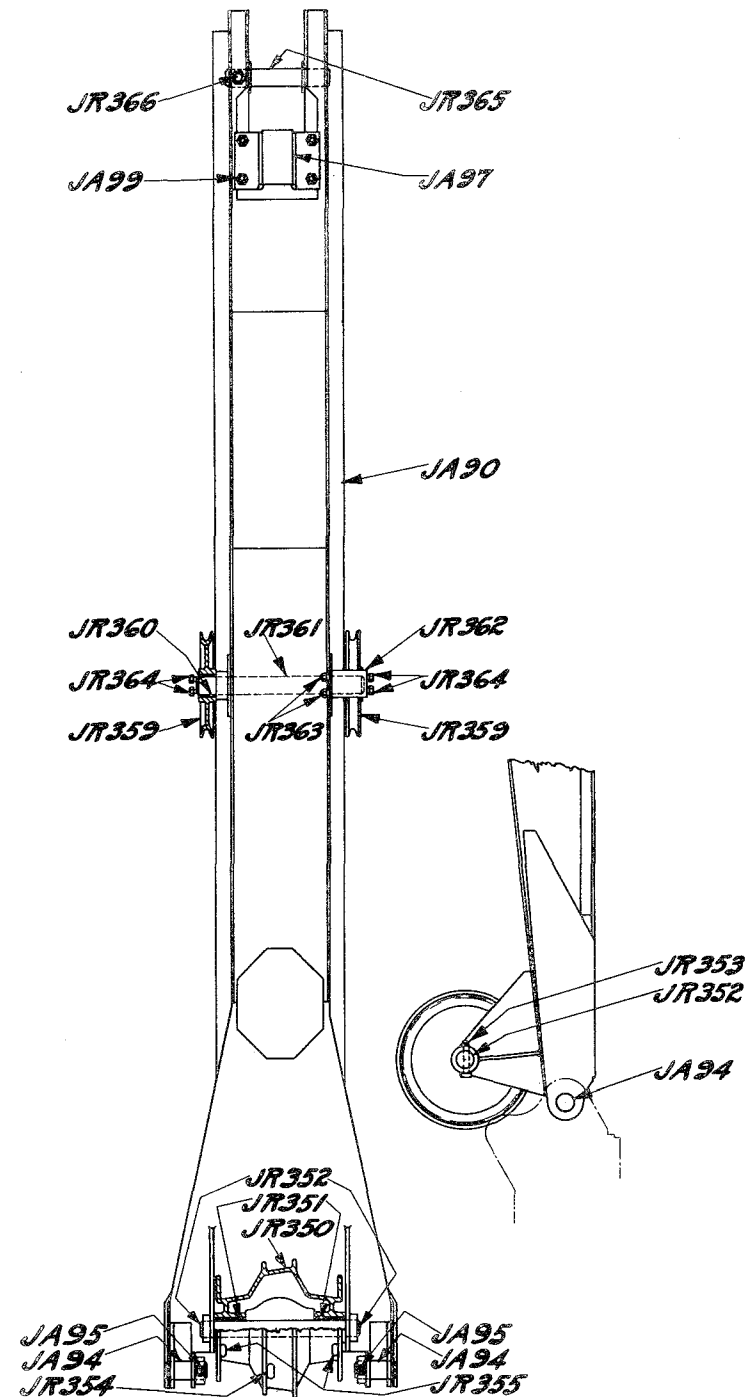
1-JA-328
Bucyrus-Erie Co.

CODE	NUMBER AND NAME
ABJIK	AB41 Boom foot pin
ABMON	AB64 Boom foot pin lock
ACZBO	AB101 Boom foot pin dowel
AGPZA	JA23 Bare boom
AHQMO	JR21 Point sheave (includes JR22)
AHQOQ	JR22 Point sheave bushing
AHQSU	JR23 Point sheave pin
AHQWU	JR24 Point pin lock
AHQWY	JR25 Point sheave spacer
AHQZA	JR26 Suspension sheave
AHWSO	JR91 Suspension sheave guard
AHWYU	JR93 Guard bolt (1 only)
AHYBV	JR106 Rope guard support (1 only)
AHYCW	JR107 Support bolt (1 only)
AHYDX	JR108 Rope guard (1 only)



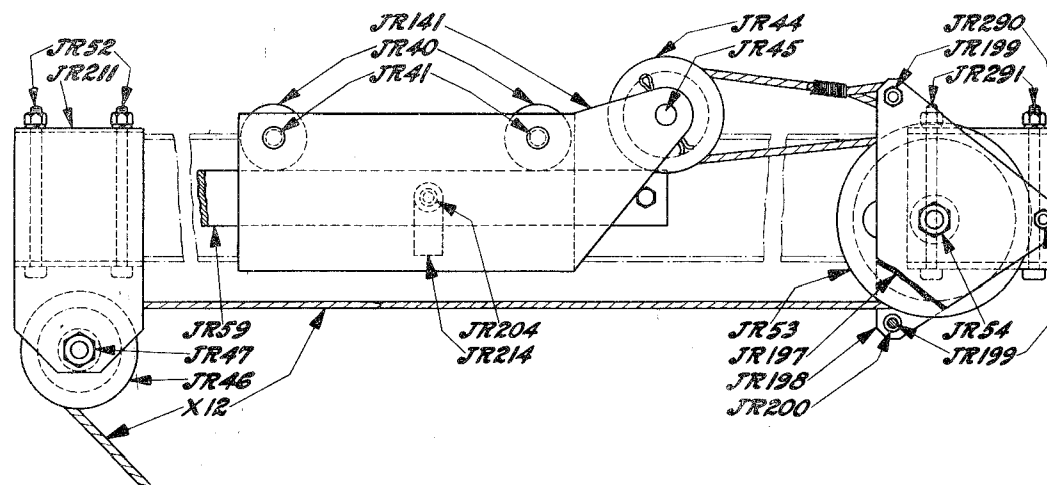
1-JA-350
Bucyrus-Erie Co.

CODE	NUMBER AND NAME
AGVYU	JA90 Bare boom
AGWID	JA94 Boom foot pin (1 only)
AGWJE	JA95 Boom foot pin lock (1 only)
AGWOJ	JA97 Dipper handle bumper
AGWUP	JA99 Bumper bolts (set)
AIJBK	JR350 Auxiliary drag drum (includes J351)
AIJCL	JR351 Drum bushings (set of 2)
AIJDM	JR352 Drum shaft
AIJEN	JR353 Drum shaft lock (1 only)
AIJFO	JR354 Main drag rope anchor wedge
AIJGQ	JR355 Auxiliary drag rope anchor wedge (1 only)
AIJKU	JR359 Guide sheave (1 only—includes JR360)
AIJLV	JR360 Guide sheave bushing (1 only)
AIJMW	JR361 Guide sheave pin
AIJNX	JR362 Sheave rope guard (1 only)
AIJOY	JR363 Guard bolts (set for 1 guard)
AIJPZ	JR364 Guard capscrew (1 only)
AIJRA	JR365 Boom point hinge pin
AIJSB	JR366 Hinge pin lock bolt



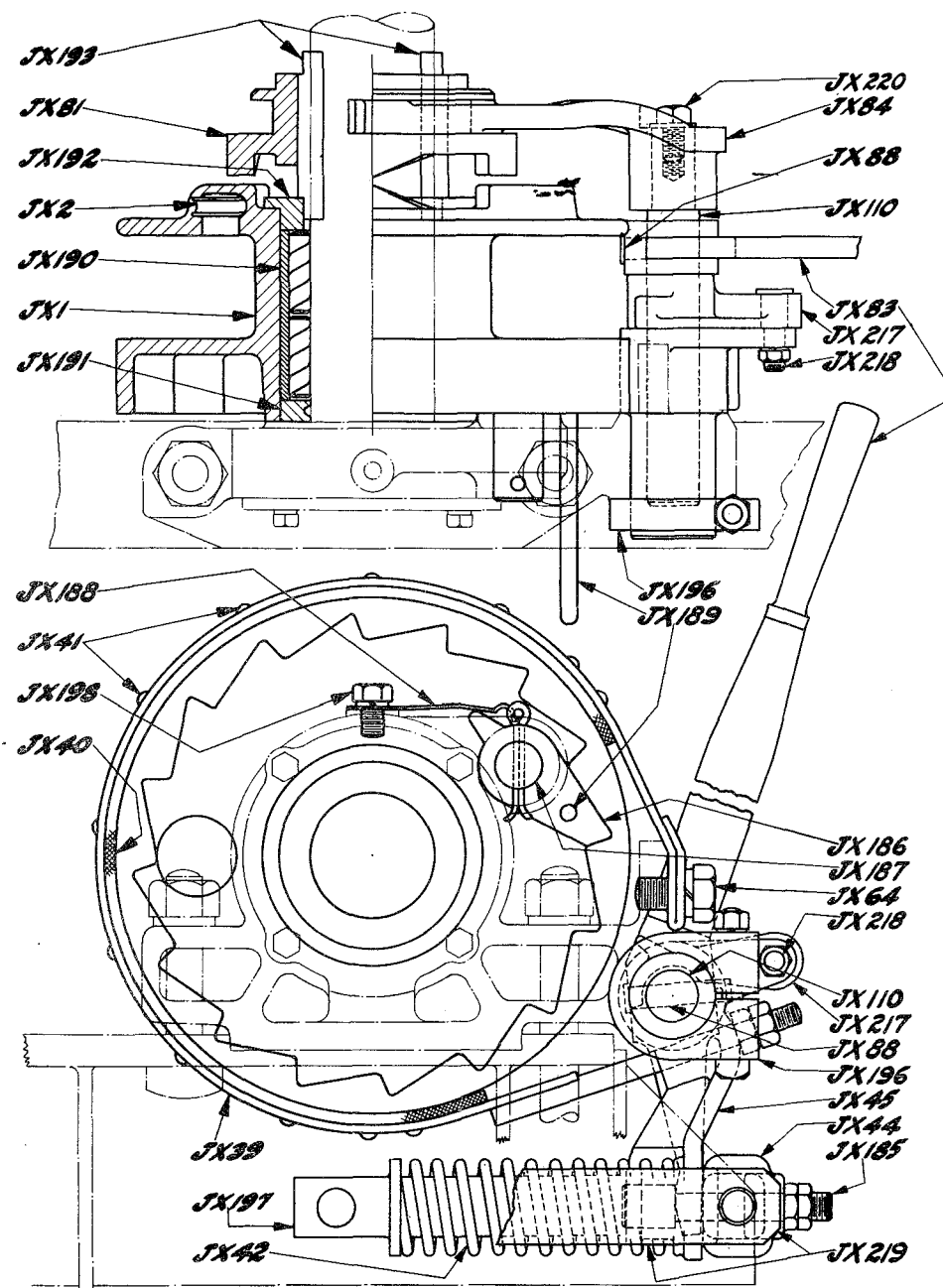
1-JR-352
Bucyrus-Erie Co.

CODE	NUMBER AND NAME	
AHTEC	JR40	Roller
AHTIH	JR41	Roller pin
AHTPO	JR44	Trolley sheave
AHTUT	JR45	Trolley sheave pin
AHTVU	JR46	Lower tagline sheave
AHTYX	JR47	Lower sheave pin
AHUEB	JR52	Lower block anchor bolt (1 only)
AHUFC	JR53	Upper tagline sheave
AHUGE	JR54	Upper sheave pin
AHUIG	JR56	Upper block (includes JR197, JR198, JR199, and 3 of JR200)
AHULJ	JR59	Track bar
AHZVO	JR141	Counterweight
AICLC	JR197	Upper block outside plate
AICMD	JR198	Upper block inside plate
AICNE	JR199	Upper block bolts (set)
AICOF	JR200	Block separator (1 only)
AICSJ	JR204	Track bar bolt (1 only)
AICZQ	JR211	Lower sheave block
AIDCS	JR214	Track spacer (1 only)
AIGJW	JR290	Upper block bracket
AIGKX	JR291	Bracket bolt (1 only)
BAGEG	X12	Tagline rope

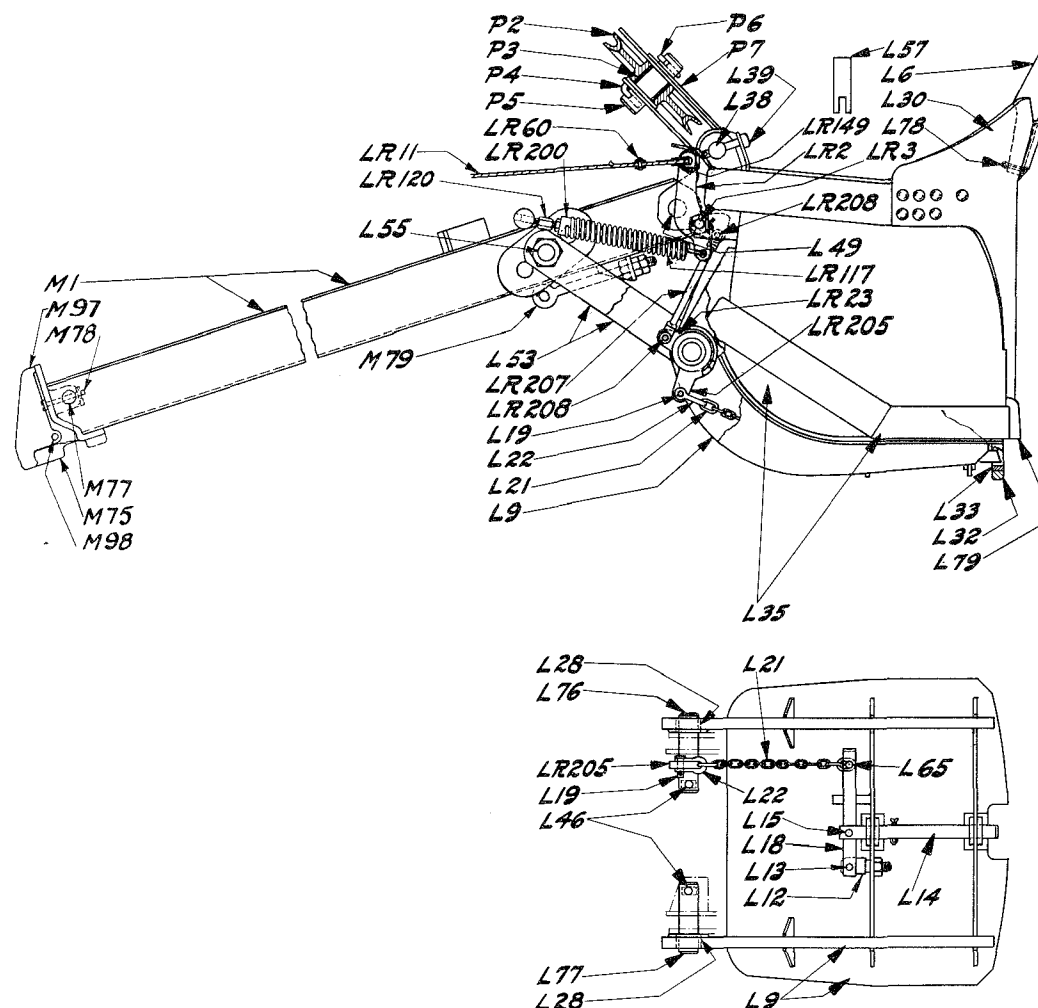


1-JX-327
Bucyrus-Erie Co.

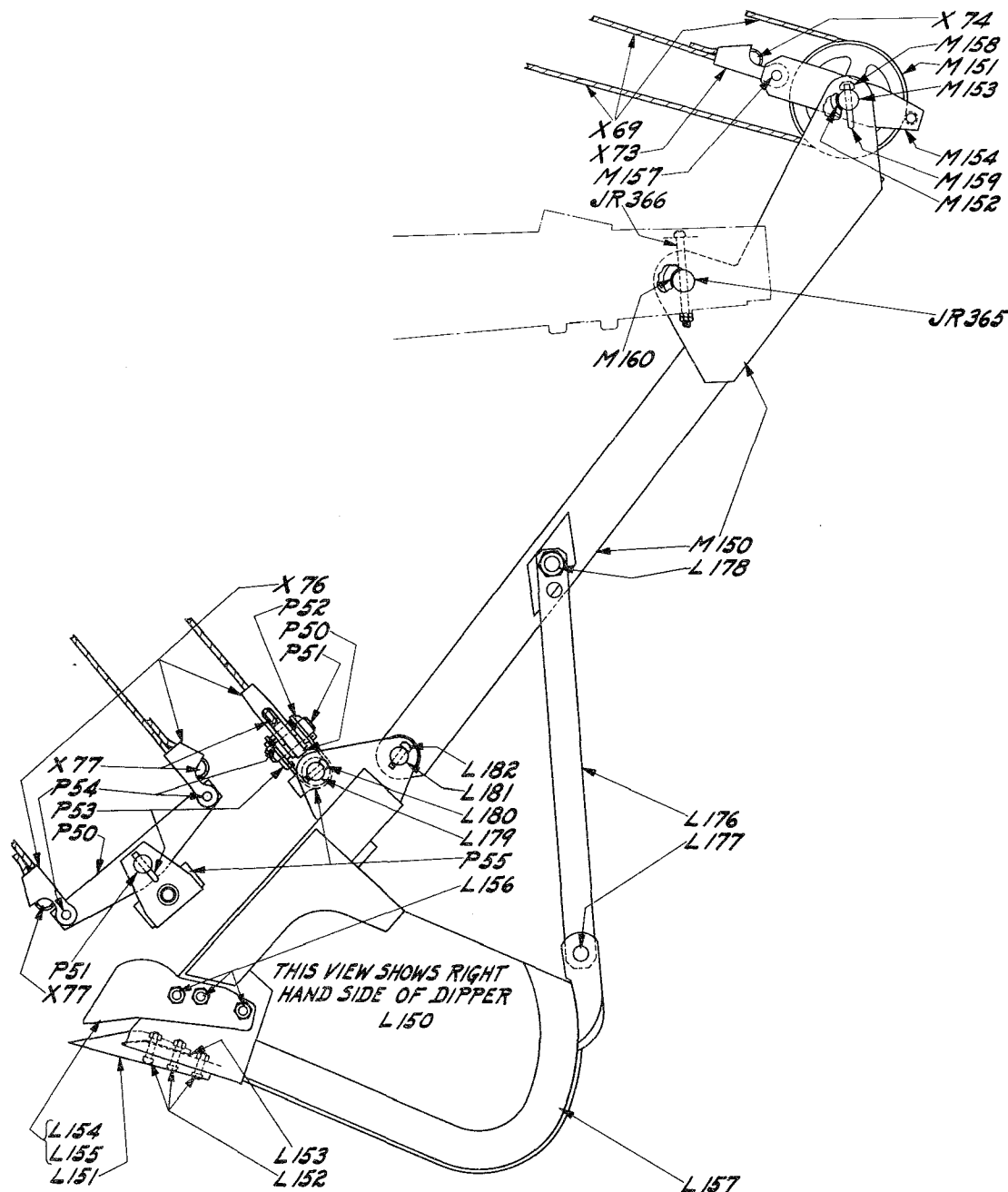
CODE	NUMBER AND NAME
AIPJN	JX1 Boom hoist drum
AIPKO	JX2 Rope anchor wedge
AIQWZ	JX39 Brake band (includes JX40)
AIQYA	JX40 Lining for JX39 (includes JX41)
AIQZB	JX41 Rivets for JX40
AIRAB	JX42 Brake spring
AIRDE	JX44 Spring lever
AIREF	JX45 Brake lever
AIRXZ	JX64 Brake band anchor
AISVW	JX81 Jaw clutch
AISXY	JX83 Hand lever
AISYZ	JX84 Clutch shifter
AITED	JX88 Hand lever lock
AIVBZ	JX110 Shifter shaft
AIYCX	JX185 Fulcrum pin
AIYDY	JX186 Ratchet pawl
AIYGB	JX187 Pawl pin
AIYHC	JX188 Pawl spring
AIYJE	JX189 Pawl rod
AIYKF	JX190 Boom hoist drum bearing
AIYLG	JX191 Bearing right retainer
AIYMH	JX192 Bearing left retainer
AIYNI	JX193 Jaw clutch key
AIYRM	JX196 Clamp collar
AIYSN	JX197 Spring pin
AIYTO	JX198 Spring cap screw
AIZOI	JX217 Locking dog
AIZPJ	JX218 Locking dog pin
AIZQK	JX219 Spring lever link
AIZRL	JX220 Retainer capscrew

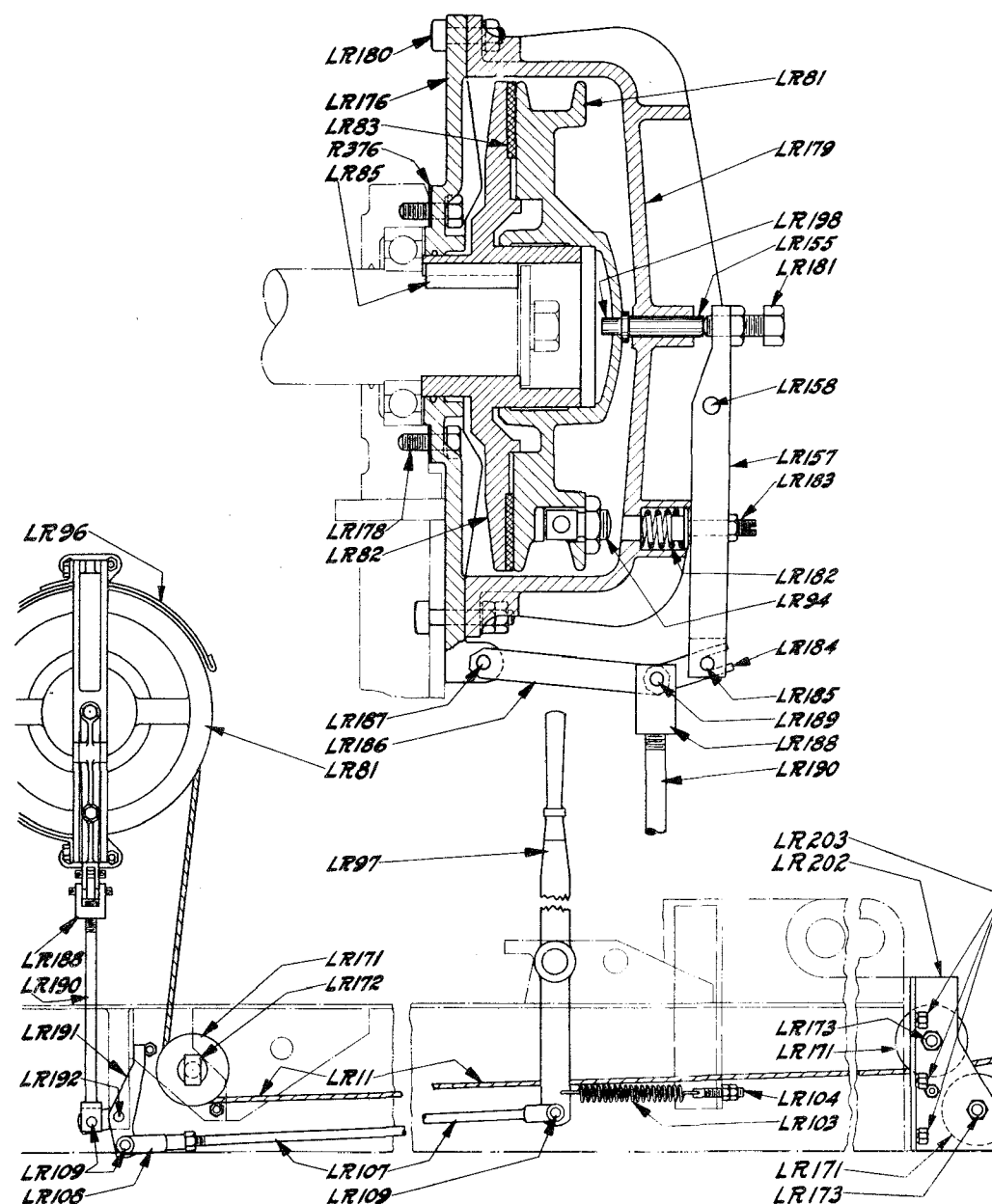


CODE	NUMBER AND NAME
AKCAT	L1 Dipper complete (includes 2 of L53)
AKCIB	L6 Dipper tooth (1 only)
AKCPI	L9 Dipper door (includes 2 of L28)
AKCYR	L12 Fulcrum bolt
AKDAS	L13 Fulcrum pin
AKDCU	L14 Latch bar
AKDEW	L15 Latch bar pin
AKDOG	L18 Latch lever
AKDOI	L19 Clevis pin
AKDWO	L21 Chain
AKDYQ	L22 Clevis
AKEFW	L28 Dipper hinge bushing (1 only)
AKEHZ	L30 Dipper front
AKKKB	L32 Latch keeper (includes L33)
AKELC	L33 Latch keeper insert
AKENE	L35 Dipper back
AKEQH	L38 Padlock pin
AKERI	L39 Padlock pin lock
AKEYP	L46 Hinge pin lock (1 only)
AKFEU	L49 Handle end pin
AKFOE	L53 Back brace (1 only)
AKFUK	L55 Handle brace pin
AKGAO	L57 Tooth shims (set for 1 tooth)
AKGYM	L65 Latch lever chain pin
AKIBN	L76 Right back brace pin
AKICO	L77 Left back brace pin
AKIDP	L78 Tooth lock pin (1 only)
AKIER	L79 Protector plate
AKWEC	LR2 Dump lever
AKWIH	LR3 Dump lever shaft
AKXAY	LR11 Trip rope
AKYBY	LR23 Lever
ALAFB	LR60 Rope clip
ALEFX	LR117 Dump lever spring
ALEJB	LR120 Spring bolt
ALGET	LR149 Rope thimble
ALKDO	LR200 Spring nut
ALKPA	LR205 Dump chain lever
ALKUF	LR207 Dump lever reach rod
ALKXI	LR208 Reach rod pin (1 only)
ALOLT	M1 Dipper handle complete
ALUKM	M75 Rope anchor
ALUMO	M77 Rope anchor pin
ALUNP	M78 Anchor pin lock
ALUOQ	M79 Adjusting bolt
ALVYZ	M97 Rope guard
ALWBA	M98 Rope guard bolt
AMMJU	P1 Padlock complete
AMMNY	P2 Sheave (includes P3)
AMMOZ	P3 Sheave bushing
AMMQA	P4 Sheave pin dowel
AMMUE	P5 Sheave pin
AMMYI	P6 Sheave pin lock
AMNAJ	P7 Padlock frame

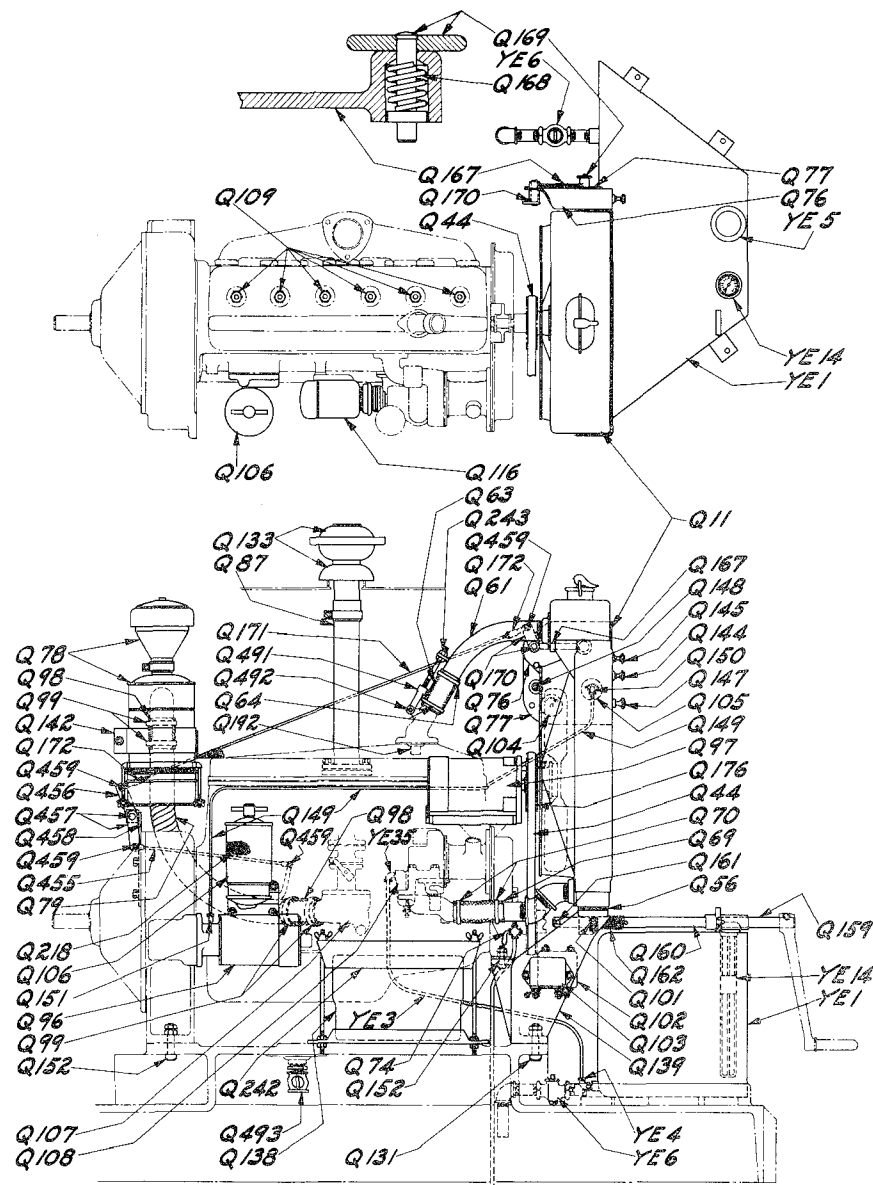


CODE	NUMBER AND NAME
AIJRA	JR365 Boom point hinge pin
AIJSB	JR366 Hinge pin lock bolt
AKNXE	L150 Dipper complete
AKNYF	L151 Dipper tooth (1 only)
AKOAG	L152 Tooth bolts (set for 1 tooth)
AKOBH	L153 Tooth sims (set for 1 tooth)
AKOCI	L154 Right side cutter
AKODJ	L155 Left side cutter
AKOEK	L156 Side cutter bolts (set for 1 cutter)
AKOFL	L157 Dipper body
AKOZF	L176 Back brace (1 only)
AKPAF	L177 Dipper brace pin (1 only)
AKPDI	L178 Handle brace pin
AKPEJ	L179 Equalizer yoke pin
AKPIO	L180 Equalizer yoke pin lock (1 only)
AKPOU	L181 Handle end pin
AKPSY	L182 Handle end pin lock (1 only)
AMARO	M150 Dipper handle complete
AMASP	M151 Dipper handle sheave (includes M152)
AMATQ	M152 Sheave bushing
AMAUR	M153 Sheave pin
AMAVS	M154 Rope anchor and guide
AMAYV	M157 Rope anchor pin
AMAZW	M158 Sheave pin lock
AMBAW	M159 Sheave pin dowel
AMBCY	M160 Hinge pin bushing
AMPTA	P50 Equalizer
AMPUB	P51 Equalizer pin
AMPXE	P52 Equalizer pin lock
AMPYF	P53 Equalizer pin dowel
AMQAG	P54 Rope anchor pin (1 only)
AMQCI	P55 Equalizer yoke
BALKI	X69 Hoist rope
BALWU	X73 Hoist rope socket
BALYW	X74 Hoist rope socket wedge
BAMBY	X76 Aux. drag rope socket (1 only)
BAMEA	X77 Aux. drag rope socket wedge (1 only)

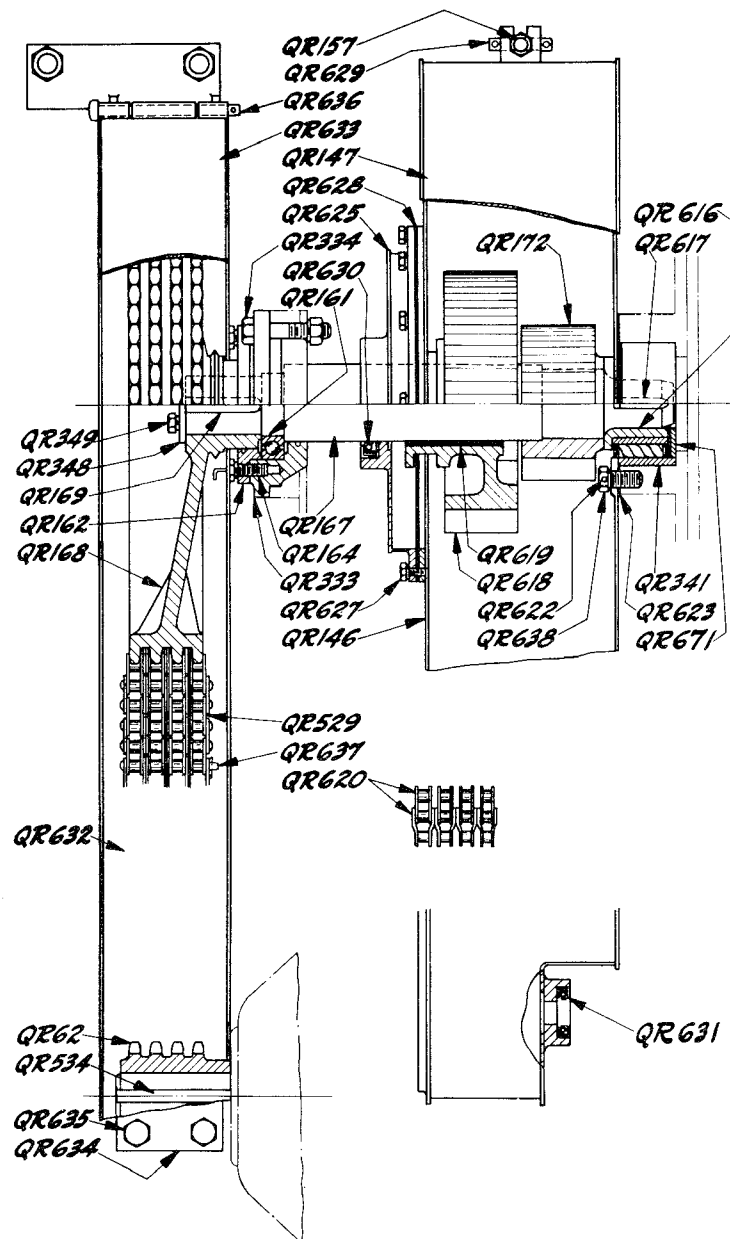




CODE	NUMBER AND NAME
AMUSV	Q11 Radiator complete with shroud
AMYFD	Q44 Fan belt
AMYRQ	Q56 Radiator support pad
AMYWV	Q61 Radiator inlet pipe
AMYYX	Q63 Inlet hose
AMYZY	Q64 Inlet hose clamp (1 only)
AMZIG	Q69 Outlet hose
AMZKI	Q70 Outlet hose clamp (1 only)
AMZWU	Q74 Radiator drain cock
ANAAV	Q76 Instrument bracket
ANABZ	Q77 Instrument bracket
ANADA	Q78 Air cleaner
ANAEV	Q79 Air intake
ANAMK	Q87 Exhaust pipe
ANAVT	Q96 Engine starter
ANAWU	Q97 Engine generator
ANAXV	Q98 Air inlet hose (1 only)
ANAYW	Q99 Air inlet hose clamp (1 only)
ANBAX	Q101 Radiator bolt spring
ANBBY	Q102 Voltage regulator
ANBEA	Q103 Magnetic starting switch
ANBHE	Q104 Ammeter
ANBIF	Q105 Oil gauge
ANBLI	Q106 Oil filter
ANBOL	Q107 Carburetor
ANBRO	Q108 Gas pump
ANBUR	Q109 Spark plug (1 only)
ANCMV	Q116 Magneto
ANDZU	Q131 Support foundation bolts (set)
ANEBV	Q133 Exhaust pipe muffler
ANEGA	Q138 Storage battery
ANEHB	Q139 Engine and radiator support
ANEKE	Q142 Air cleaner bracket
ANEMG	Q144 Choke control (includes knob and wire)
ANENH	Q145 Throttle control (includes knob and wire)
ANEPJ	Q147 Magneto switch
ANEQK	Q148 Push button
ANERL	Q149 Oil gauge line
ANESM	Q150 Gauge line fitting at gauge
ANETN	Q151 Gauge line fitting at engine
ANEUO	Q152 Engine foundation bolts (set)
ANFBU	Q159 Starting crankshaft
ANFEX	Q160 Shaft extension
ANFFY	Q161 Driving pin
ANFHA	Q162 Spring
ANFUN	Q167 Governor hand lever
ANFVO	Q168 Lock spring
ANFYR	Q169 Lock spring pin
ANGAR	Q170 Governor lever shaft
ANGDU	Q171 Governor reach rod
ANGEV	Q172 Reach rod end (1 only)
ANGOF	Q176 Generator pulley
ANICR	Q192 Water thermostat
ANJJY	Q218 Filter element
ANLWI	Q242 Battery cover
ANLYK	Q243 Inlet brace rod bolt
AOCBY	Q455 Reach rod
AOCCZ	Q456 Lever
AOCEA	Q457 Lever shaft
AOCFB	Q458 Lever shaft bracket
AOCGD	Q459 Rod end pin (1 only)
AODNJ	Q491 Rod bolt end
AODOK	Q492 Rod bolt end pin
AODPL	Q493 Engine drain cock
BFAYM	YE1 Fuel tank
BFEEV	YE3 Fuel piping
BFEIT	YE4 Fuel pipe fitting at tank
BFEJU	YE5 Filling cap
BFENY	YE6 Drain cock
BFIIO	YE14 Tank fuel gauge
BFYKA	YE35 Fuel pipe fitting at pump

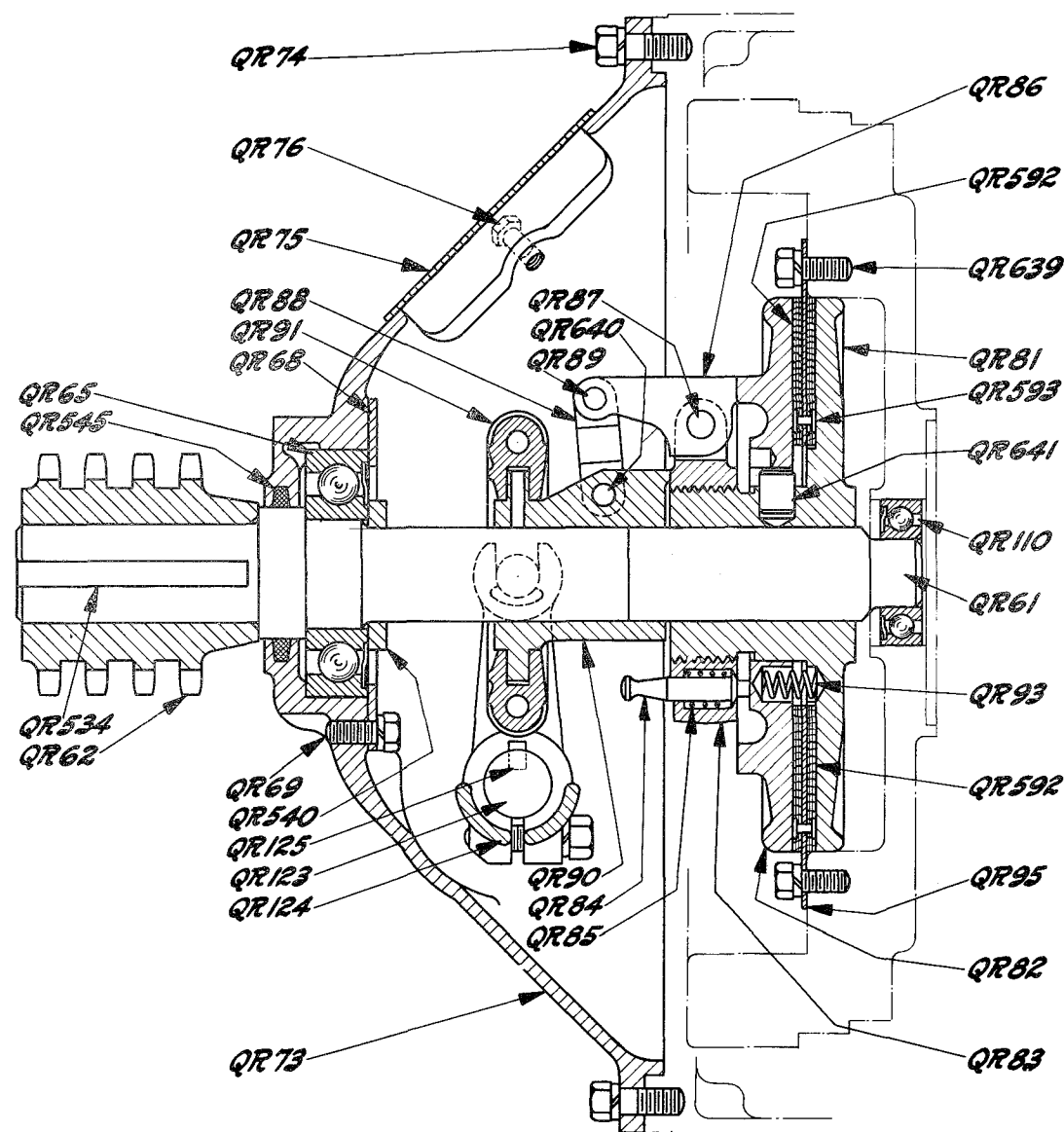


CODE	NUMBER AND NAME
AQSSA	QR62 Clutch shaft sprocket
AQYNQ	QR146 Transmission case
AQYOR	QR147 Transmission case cover
AQYZB	QR157 Cover eye bolt (1 only)
AQZGI	QR161 Left bearing
AQZIK	QR162 Left bearing retainer
AQZOQ	QR164 Retainer cap-screw (1 only)
AQZWY	QR167 Horizontal shaft
AQZZA	QR168 Horizontal shaft sprocket
ARAAB	QR169 Sprocket key
ARADE	QR172 Hoist pinion
ARMUJ	QR333 Left bearing housing
ARMYN	QR334 Housing bolt (1 only)
ARNOC	QR341 Right bearing
AROHV	QR348 Sprocket retainer
AROIW	QR349 Retainer cap-screw (1 only)
ASAZB	QR529 Transmission drive chain
ASBIK	QR534 Sprocket key
ASIIC	QR616 Right bearing sleeve
ASIID	QR617 Sleeve key
ASIKE	QR618 High speed propelling pinion
ASILF	QR619 Propelling pinion bushing
ASIMG	QR620 Drive chain offset link (set of 4)
ASIOI	QR622 Cap-screw lock wire
ASIPJ	QR623 Joint gasket
ASIRL	QR625 Transmission shaft cover plate
ASITN	QR627 Cover plate cap-screw (1 only)
ASIUO	QR628 Cover plate gasket
ASIVP	QR629 Eye bolt pin (1 only)
ASIWQ	QR630 Oil seal ring
ASIXR	QR631 Oil seal ring
ASIYS	QR632 Drive chain case
ASIZT	QR633 Drive chain case cover
ASJAT	QR634 Case support
ASJBU	QR635 Support bolts (1 only)
ASJEX	QR636 Hinge bolt (1 only)
ASJFY	QR637 Drive chain connecting pin
ASJHA	QR638 Case cap-screw (1 only)
ASMKA	QR671 Horizontal shaft washer

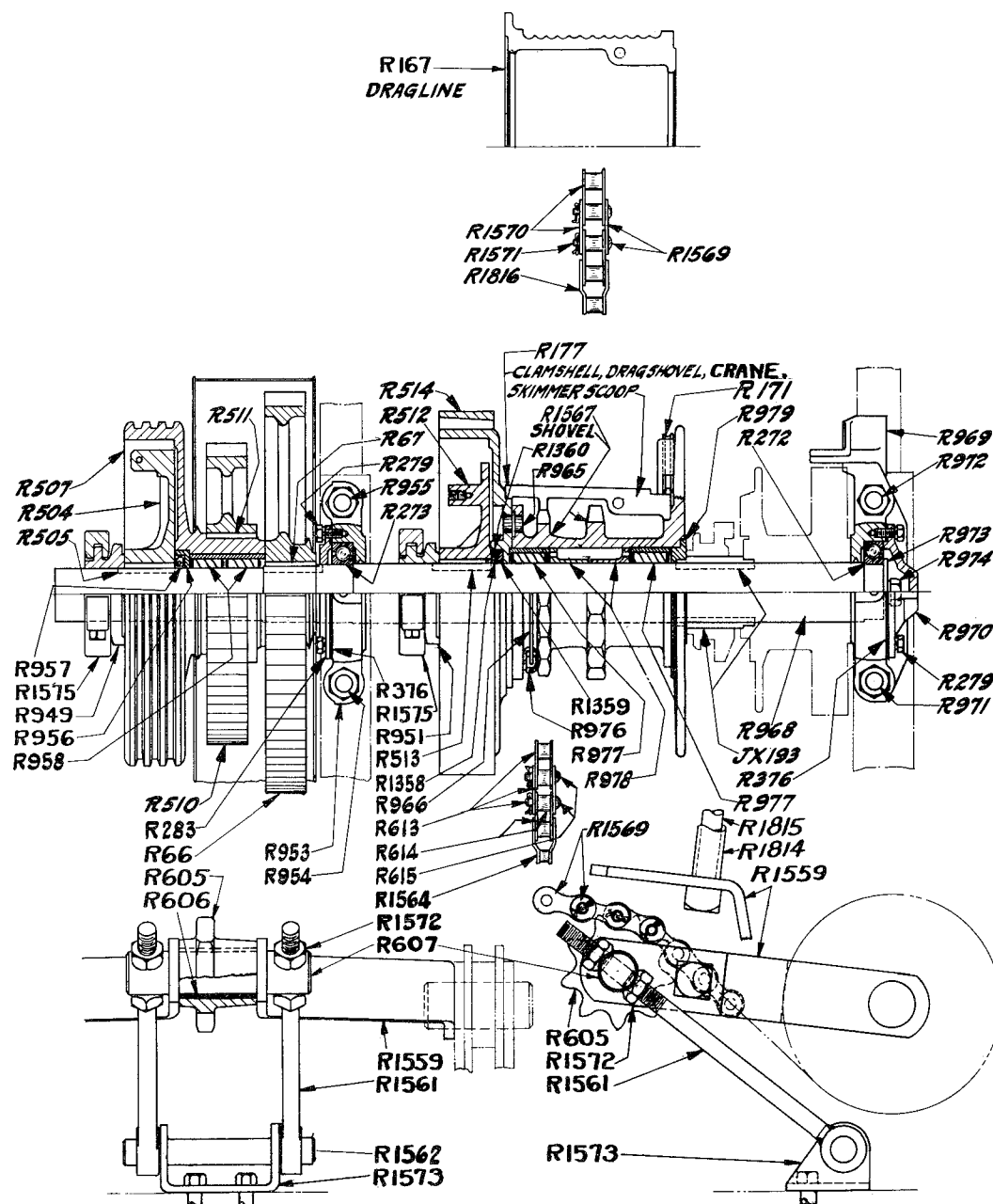


1-QR-354
Bucyrus-Erie Co.

CODE	NUMBER AND NAME
AQSPY	QR61 Clutch shaft
AQSSA	QR62 Clutch shaft sprocket
AQSYG	QR65 Large bearing
AQTEL	QR68 Bearing retainer
AQTGO	QR69 Retainer cap screw (1 only)
AQTQY	QR73 Clutch casing
AQTTA	QR74 Clutch casing cap screw (1 only)
AQTUB	QR75 Clutch casing cover
AQTXE	QR76 Cover cap screw (1 only)
AQUBH	QR79 Clutch complete
AQUDJ	QR81 Clutch hub and back plate
AQUEK	QR82 Floating plate
AQUFL	QR83 Adjusting yoke
AQUGN	QR84 Adjusting lock pin
AQUHO	QR85 Lock pin spring
AQUIP	QR86 Finger lever (1 only)
AQUJQ	QR87 Lever pin (1 only)
AQUKR	QR88 Lever link (2 pieces)
AQULS	QR89 Lever link pin (1 only)
AQUMT	QR90 Sliding sleeve
AQUNU	QR91 Sleeve collar (2 halves—includes shims and bolts)
AQUPW	QR93 Release spring (1 only)
AQURY	QR95 Driving plate (includes 2 of QR592)
AQVYD	QR110 Pilot bearing
AQXBE	QR123 Clutch shifter shaft
AQXEH	QR124 Clutch shifter arm
AQXFI	QR125 Shifter arm key
ASBIK	QR534 Clutch shaft sprocket key
ASBZA	QR540 Spacer
ASCTU	QR545 Felt packing
ASGMI	QR592 Friction disc (set of 2 — includes QR593)
ASGOK	QR593 Friction disc rivets (set)
ASJIB	QR639 Driving plate cap screw (1 only)
ASJLE	QR640 Sleeve link pin (1 only)
ASJOH	QR641 Hub driving pin

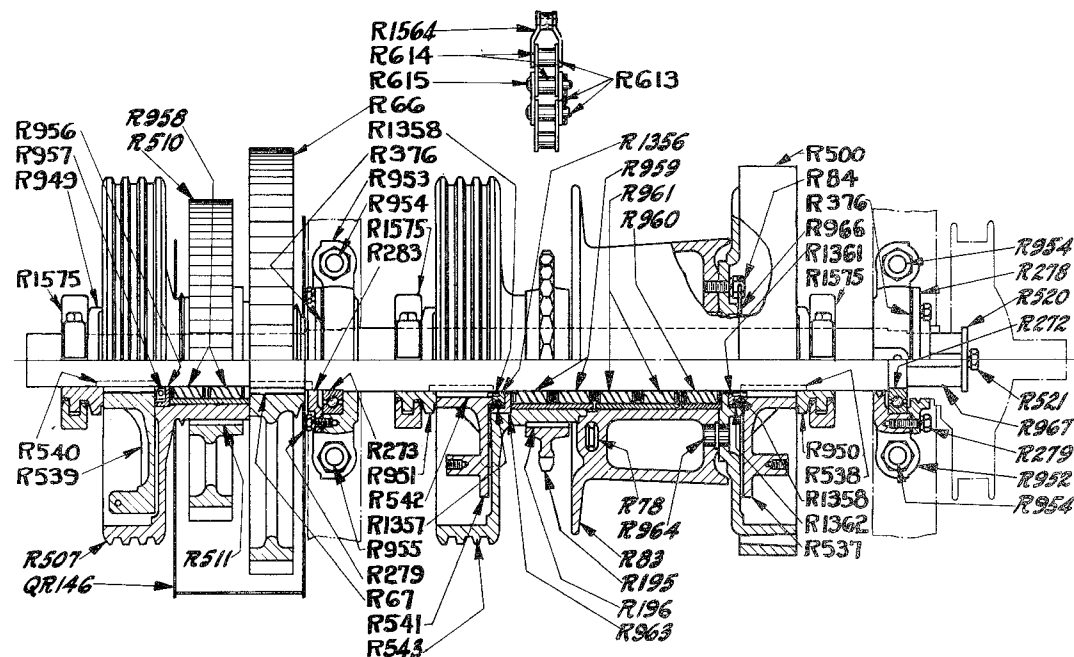


CODE	NUMBER AND NAME
AIYNI	JX193 Boom hoist clutch key (1 only)
ASUDL	R66 Hoist gear
ASUEM	R67 Hoist gear key
ATAOS	R167 Drum lagging—FOR DRAGLINE
ATASW	R171 Rope anchor wedge
ATAZC	R177 Drum lagging—FOR CLAMSHELL, CRANE, DRAG SHOVEL AND SKIMMER
ATJKE	R272 Right bearing
ATJOI	R273 Left bearing
ATKFY	R279 Cover cap screw (1 only)
ATKOH	R283 Left bearing cover
ATSMY	R376 Cover gasket
AUBBE	R504 Front swing clutch driver (includes R956)
AUBCF	R505 Front swing clutch driver key
AUBEH	R507 Swing friction housing
AUBHL	R510 Swing gear
AUBIM	R511 Swing gear key
AUBJN	R512 Front crowd clutch driver
AUBKO	R513 Front crowd clutch driver key
AUBLP	R514 Front crowd friction housing
AUGHF	R605 Take-up sprocket (includes R606)
AUGIG	R606 Take-up sprocket bushing
AUGJH	R607 Sprocket shaft
AUGPN	R613 Crowd sprocket chain complete
AUGQO	R614 Sprocket chain link (includes rollers and bushings)
AUGRP	R615 Sprocket chain link pin
AUUXH	R949 Swing clutch sliding sleeve
AUVAJ	R951 Crowd clutch sliding sleeve
AUVCL	R953 Left bearing housing
AUVDM	R954 Housing bolt
AUVEN	R955 Housing rod bolt
AUVFO	R956 Oil seal collar
AUVGQ	R957 Oil seal ring
AUVHR	R958 Swing friction bearing
AUVOY	R965 Dowel (1 only)
AUVPZ	R966 Lock wire
AUVSB	R968 Front drum shaft
AUVTC	R969 Right bearing housing
AUVUD	R970 Right bearing cover
AUVVE	R971 Housing short bolt
AUVWF	R972 Housing long bolt
AUVXG	R973 Shaft retainer
AUVYH	R974 Retainer cap screw
AUWAI	R976 Front drum cap screw (1 only)
AUWBJ	R977 Front drum bearing
AUWCK	R978 Front drum bearing spacer (2 pieces)
AUWDL	R979 Front drum bearing retainer
AQCYX	R1358 Oil seal collar dowel
AQCZY	R1359 Oil seal collar
AQDAY	R1360 Oil seal felt washer
CFYTI	R1559 Take-up yoke (2 pieces)
CFYYN	R1561 Adjusting screw (1 only—includes 2 of R1572)
CFYZO	R1562 Adjusting screw pin
CFZUI	R1564 Crowd sprocket chain offset link
CGAFU	R1567 Crowd sprocket—FOR SHOVEL
CGALA	R1569 Crowd drum chain complete
CGAOD	R1570 Drum chain link (includes rollers and bushings)
CGAPE	R1571 Drum chain link pin
CGATI	R1572 Adjusting screw nut
CGAUJ	R1573 Adjusting screw bracket
CGAZO	R1575 Shifter collar (2 halves)
CIUEA	R1814 Take-up yoke spacer
CIUFB	R1815 Spacer bolt
CIUGD	R1816 Crowd drum chain offset link

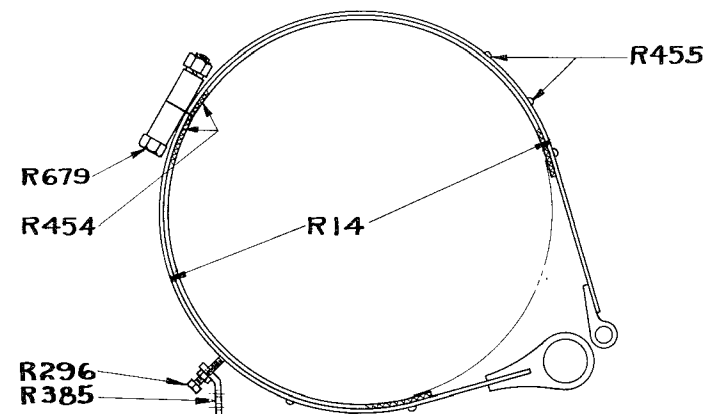
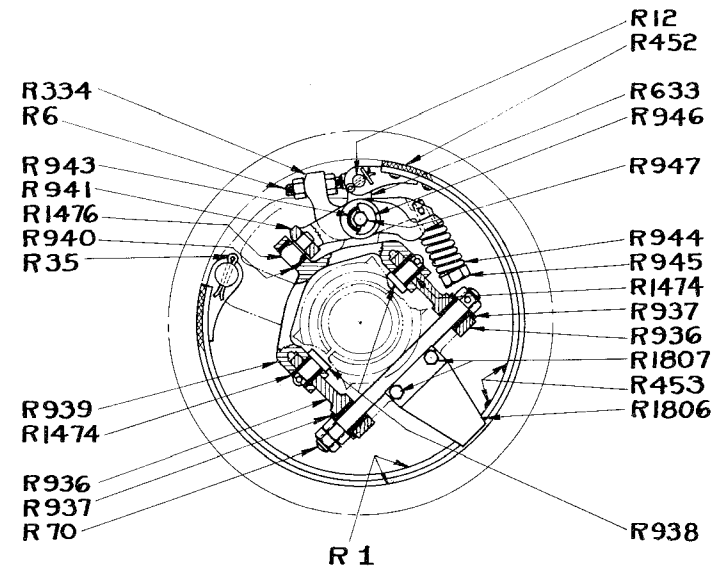


1-R-505
Bucyrus-Erie Co.

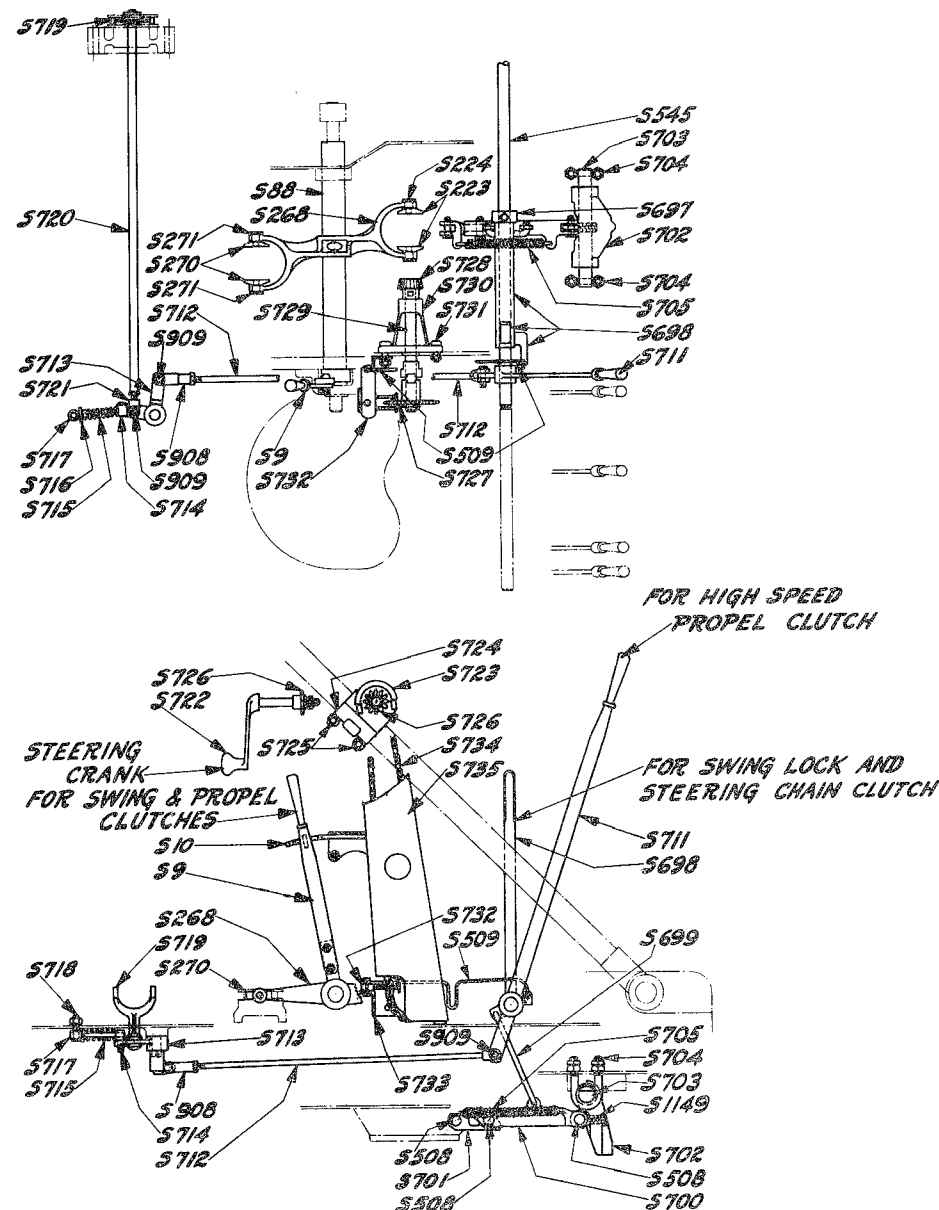
CODE	NUMBER AND NAME
AQYNQ	QR146 Transmission case
ASUDL	R66 Hoist gear
ASUEM	R67 Hoist gear key
ASUPY	R78 Rope anchor wedge
ASUWE	R83 Rear drum
ASUXF	R84 Rear drum cap screw (1 only)
ATCSU	R195 Crowd drive sprocket
ATCUW	R196 Sprocket key
ATJKE	R272 Right bearing
ATJOI	R273 Left bearing
ATKEX	R278 Right bearing cover
ATKFX	R279 Cover cap screw (1 only)
ATKOH	R283 Left bearing cover
ATSMY	R376 Cover gasket
AUAWA	R500 Hoist friction housing
AUBEH	R507 Swing friction housing
AUBHL	R510 Swing gear
AUBIM	R511 Swing gear key
AUBRV	R520 Shaft retainer
AUBSW	R521 Retainer cap screw
AUCJM	R537 Rear hoist clutch driver
AUCKN	R538 Rear hoist clutch driver key
AUCLO	R539 Rear swing clutch driver (includes R956)
AUCMP	R540 Rear swing clutch driver key
AUCNQ	R541 Rear crowd clutch driver
AUCOR	R542 Rear crowd clutch driver key
AUCPS	R543 Rear crowd friction housing
AUGPN	R613 Crowd sprocket chain complete
AUGQO	R614 Sprocket chain link (includes rollers and bushings)
AUGRP	R615 Sprocket chain pin
AUUXH	R949 Swing clutch sliding sleeve
AUZZJ	R950 Hoist clutch sliding sleeve
AUVAJ	R951 Crowd clutch sliding sleeve
AUVBK	R952 Right bearing housing
AUVCL	R953 Left bearing housing
AUVDM	R954 Housing bolt (1 only)
AUVEN	R955 Housing rod bolt
AUVFO	R956 Oil seal collar
AUVGQ	R957 Oil seal ring
AUVHR	R958 Swing friction bearing
AUVIS	R959 Crowd friction bearing
AUVJT	R960 Rear drum right bearing
AUVKU	R961 Rear drum left bearing
AUVMW	R963 Crowd friction bearing spacer
AUVNX	R964 Dowel (1 only)
AUVPZ	R966 Lock wire
AUVRA	R967 Rear drum shaft
AQCUT	R1356 Oil seal collar
AQCVU	R1357 Oil seal felt washer
AQCYX	R1358 Oil seal collar dowel
AQDDA	R1361 Oil seal collar
AODEB	R1362 Oil seal felt washer
CFZUI	R1564 Crowd chain sprocket offset link
CGAZO	R1575 Shifter collar (2 halves—includes bolts)

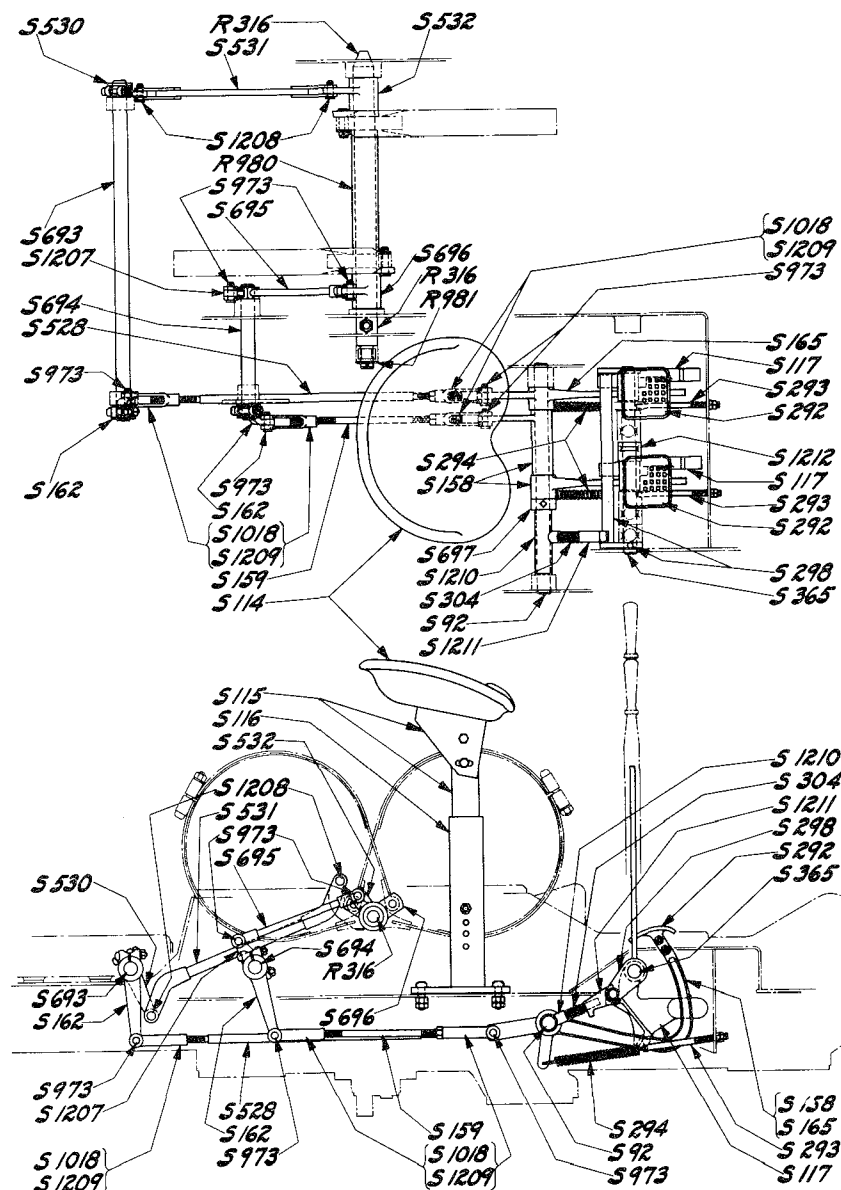


CODE	NUMBER AND NAME
ASOPD	R1 Friction band (includes R452)
ASOUI	R6 Adjusting bolt (includes nuts)
ASPBO	R12 Band end pin
ASPIW	R14 Brake band complete (includes R454 and R679)
ASRIU	R35 Pin lock
ASUHQ	R70 Clutch driver bolt
ATLWO	R296 Brake band guide screw
ATORQ	R334 Bell crank
ATTIT	R385 Guide screw bracket
ATYDI	R452 Lining for R1 (includes R453)
ATYEJ	R453 Rivets for R452
ATYFK	R454 Lining for R14 (2 pieces—includes R455)
ATYGM	R455 Rivets for R454
AUHKH	R633 Live end links (set of 2)
AUJLG	R679 Joint bolt
AUUGR	R936 Toggle link (1 only—includes R937)
AUUHS	R937 Toggle link bushing
AUUJU	R938 Toggle link pin (1 only)
AUUKV	R939 Toggle yoke (includes R940)
AUULW	R940 Yoke bushing
AUUMX	R941 Toggle lever (includes R334, R633 and R943)
AUUQA	R943 Toggle lever bushing
AUURB	R944 Toggle lever spring
AUUSC	R945 Spring bolt
AUUTD	R946 Toggle lever retainer
AUUVF	R947 Retainer cap screw
CEOLJ	R1474 Toggle link pin bushing
CEONL	R1476 Toggle lever ball stud
CITOM	R1806 Band guide
CITQO	R1807 Guide cap screw (1 only)

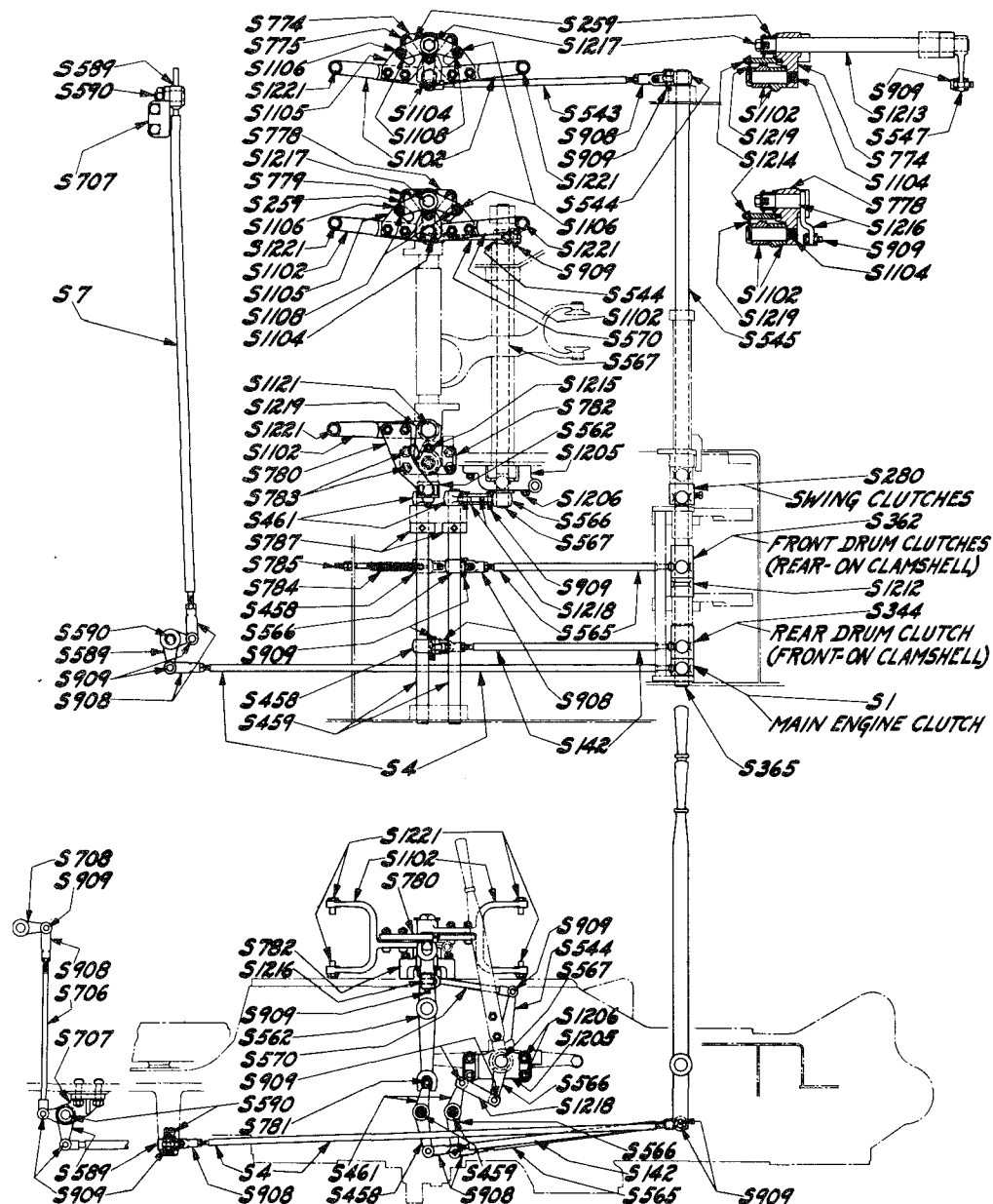


CODE	NUMBER AND NAME
AVCKO	S9 Swing and propelling hand lever
AVCOS	S10 Hand lever quadrant
AVIJG	S88 Hand lever shaft
AVTLY	S223 Propelling clutch shoe (1 only)
AVTOA	S224 Propelling clutch shoe pin (1 only)
AVWOY	S268 Swing jaw clutch shifter
AVWUD	S270 Swing jaw clutch shifter shoe (1 only)
AVWVE	S271 Shifter shoe pin (1 only)
AWOJB	S508 Rod end pin (1 only)
AWOKC	S509 Reach rod
AWRAP	S545 Hand lever shaft (includes keys)
AXBRY	S697 Shaft collar
AXBUA	S698 Swing lock hand lever
AXBYE	S699 Connecting link
AXCAF	S700 Long toggle link
AXCDI	S701 Short toggle link
AXCEJ	S702 Locking dog
AXCIO	S703 Locking dog shaft
AXCOU	S704 Shaft U bolt (1 only)
AXCSY	S705 Toggle spring
AXDIN	S711 High speed propelling hand lever
AXDJO	S712 Reach rod
AXDOT	S713 Bell crank
AXDPU	S714 Bell crank swivel post
AXDTY	S715 Lock spring
AXDUZ	S716 Lock spring washer
AXDWA	S717 Lock spring eye bolt
AXDYC	S718 Eye bolt pin
AXEAD	S719 High speed propelling clutch shifter
AXEBE	S720 Clutch shifter rod
AXECF	S721 Rod end
AXEDG	S722 Steering hand crank (includes key)
AXEEH	S723 Hand crank bearing
AXEFI	S724 Bearing cap
AXEGK	S725 Bearing bolt (1 only)
AXEHL	S726 Upper sprocket
AXEIM	S727 Lower sprocket
AXEJN	S728 Bevel pinion
AXEKO	S729 Pinion shaft and jaw clutch (includes keys)
AXELP	S730 Pinion shaft bearing
AXEMQ	S731 Bearing bolt (1 only)
AXENR	S732 Sprocket shifter lever
AXEOS	S733 Shifter lever fulcrum pin bracket
AXEPT	S734 Operating chain
AXEQU	S735 Chain guard (includes bolts)
AXUVI	S908 Reach rod end (includes S909)
AXUYL	S909 Rod end pin (1 only)
CEXYN	S1149 Locking dog adjusting eye bolt

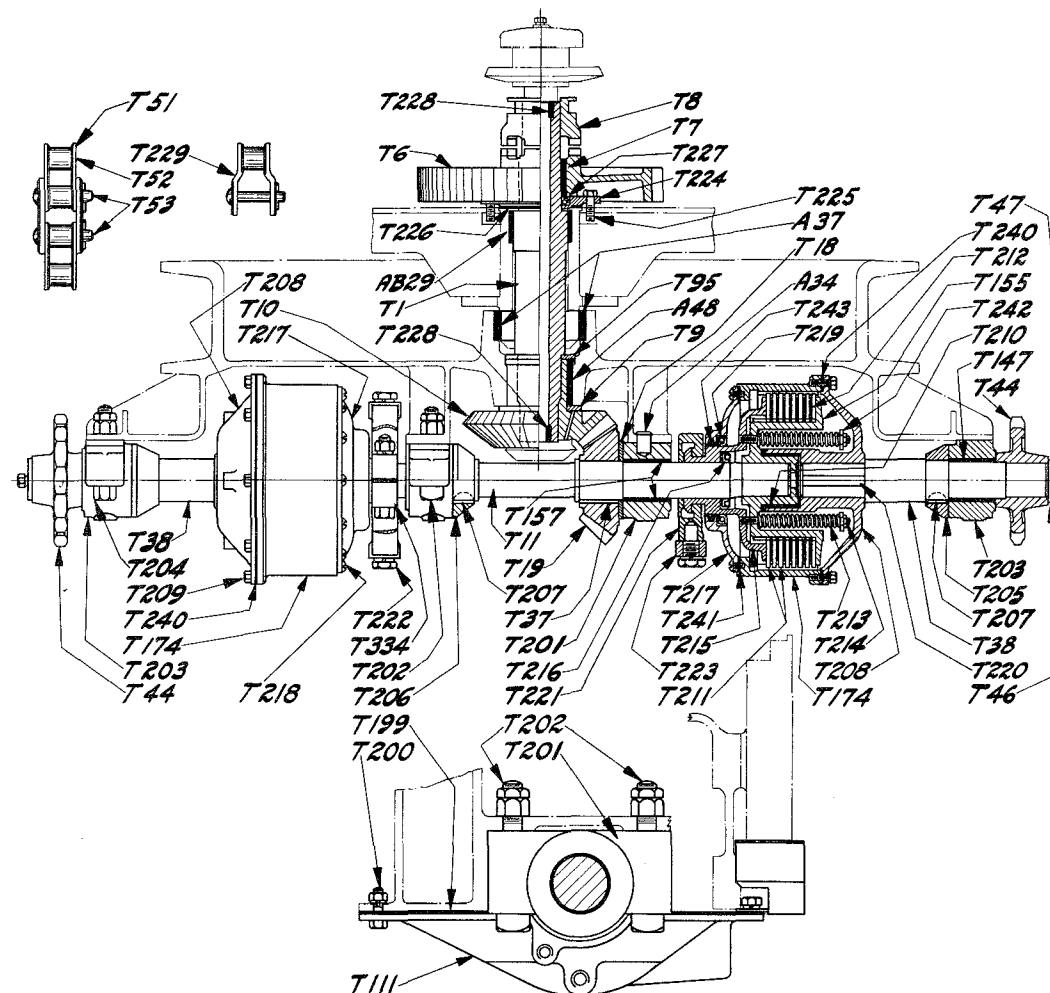


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CODE	NUMBER AND NAME
AVBUZ	S1 Main engine clutch lever
AVCAD	S4 Reach rod
AVCFI	S7 Reach rod
AVMUN	S142 Reach rod (long)
AVVOZ	S259 Shifter lever (1 only)
AVXSA	S280 Swing clutch hand lever
AWBAF	S344 Clutch hand lever
AWCYC	S362 Clutch hand lever
AWDEH	S365 Hand lever shaft
AWJXU	S458 Lever
AWJYV	S459 Lever shaft (1 only)
AWKCY	S461 Lever (1 only)
AWQUK	S543 Reach rod
AWQYO	S544 Lever (1 only)
AWRAP	S545 Hand lever shaft (includes keys)
AWRFU	S547 Lever
AWSQE	S562 Lever
AWTBO	S565 Reach rod (short)
AWTGU	S566 Lever (1 only)
AWTIW	S567 Lever shaft
AWTRE	S570 Reach rod
AWURD	S589 Bell crank (1 only)
AWUSE	S590 Bell crank fulcrum pin (1 only)
AXCVA	S706 Reach rod
AXCYD	S707 Bell crank support
AXCZE	S708 Lever
AXEUY	S774 Swing control bearing
AXEVZ	S775 Control bearing cap screws (set)
AXEYC	S778 Crowd control bearing
AXFAC	S779 Control bearing cap screws (set)
AXFCE	S780 Lever
AXFEG	S781 Shifter pin
AXFIL	S782 Hoist control bearing
AXFLO	S783 Control bearing cap screws (set)
AXFOR	S784 Spring (clamshell only)
AXFRU	S785 Spring adjusting bolt (clamshell only)
AXFVY	S787 Shaft collar (1 only)
AXUVI	S908 Reach rod end (1 only—includes R909)
AXUYL	S909 Rod end pin (1 only)
CEUIA	S1102 Clutch shifter yoke (1 only)
CEUKC	S1104 Fulcrum pin (1 only)
CEULD	S1105 Cam (1 only)
CEUME	S1106 Cam roller (1 only)
CEUOG	S1108 Cam roller pin (1 only)
CEVDU	S1121 Fulcrum pin
COKOA	S1205 Lever shaft bearing
COKSE	S1206 Bearing bolts (set)
CQAON	S1212 Hand lever hub
CQAPO	S1213 Swing clutch cam shaft
CQAUT	S1214 Fulcrum pin lock stud (1 only)
CQAVU	S1215 Fulcrum pin lock stud
CQAYX	S1216 Crowd clutch cam shaft
CQAZY	S1217 Shaft retainer cap screw (1 only)
CQBAY	S1218 Connecting links (set of 2)
CQCEA	S1219 Fulcrum pin lock (1 only)
CQDYU	S1221 Shifter screw (1 only)



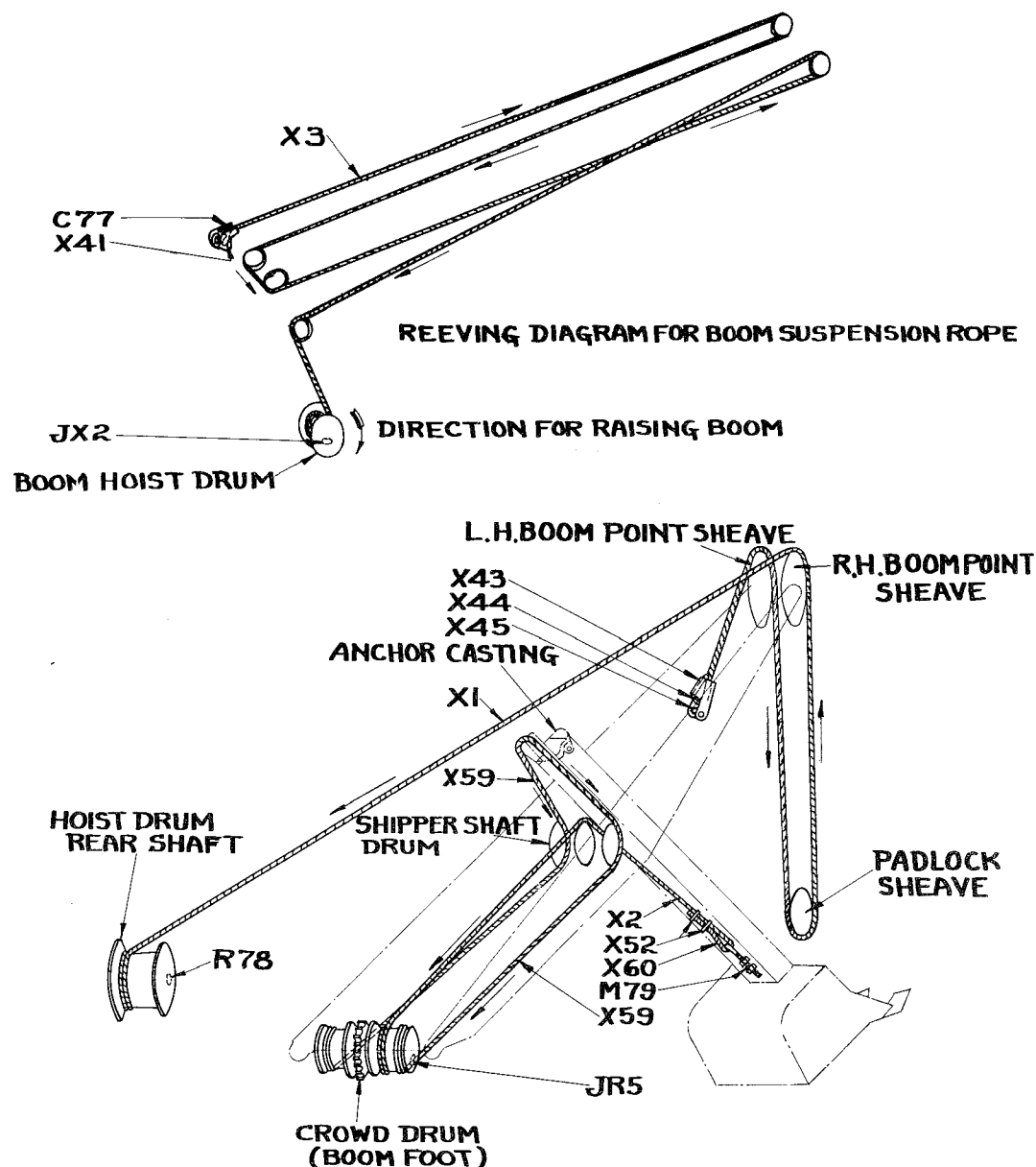
CODE	NUMBER AND NAME
ABBY	A34 Bearing dowel (1 only)
ABCFO	A37 Center bushing
ABDIR	A48 Vertical shaft lower bushing
ABIRU	AB29 Vertical shaft upper bushing
AXZAI	T1 Vertical prop. shaft (includes 2 of T228)
AXZPY	T6 Vertical shaft gear (includes T7)
AXZSA	T7 Gear bushing
AXZUC	T8 Vertical shaft clutch
AXZWE	T9 Bevel gear washer
AZYG	T10 Bevel gear
AYABJ	T11 Lower propelling shaft
AYAKT	T18 Bevel pinion washer
AYALU	T19 Lower shaft bevel pinion
AYBIQ	T37 Bevel pinion key
AYBJR	T38 Clutch shaft
AYBPX	T44 Driving sprocket
AYBRZ	T46 Sprocket retainer
AYBTA	T47 Retainer cap screw
AYBXE	T51 Propelling chain (1 side only)
AYBYF	T52 Propelling chain link
AYBZG	T53 Propelling chain link pin
AYDQW	T95 Vertical shaft washer
AYEKP	T111 Bevel gear case
AYFZC	T147 Clutch shaft bearing bushing
AYGHJ	T155 Clutch driver
AYGJL	T157 Lower shaft bearing bushing
AYHHI	T174 Brake housing
AYJEC	T199 Gear case gasket
AYJFD	T200 Gear case bolts (set)
AYJGF	T201 Lower shaft bearing (includes T157)
AYJHG	T202 Lower shaft bearing bolt (1 only)
AYJIH	T203 Clutch shaft bearing (includes T147)
AYJJI	T204 Clutch shaft bearing bolt
AYJKJ	T205 Clutch shaft bearing washer
AYJLK	T206 Lower propelling shaft washer
AYJML	T207 Washer key
AYJNM	T208 Clutch spider
AYJON	T209 Spider cap screw (1 only)
AYJPO	T210 Spider bushing
AYJQP	T211 Friction driving plate (1 only)
AYJRQ	T212 Steel driving plate (1 only)
AYJSR	T213 Clutch release spring (1 only)
AYJTS	T214 Spring stud (includes T242 and washer)
AYJUT	T215 Thrust plate
AYJVV	T216 Thrust plate oil seal ring
AYJWV	T217 Cover plate
AYJXW	T218 Cover plate screw (1 only)
AYJYX	T219 Cover plate oil seal ring
AYJZY	T220 Clutch spider key
AYKAY	T221 Right clutch shifter collar
AYKBZ	T222 Shifter collar pin (1 only)
AYKDA	T223 Shifter collar yoke
AYKEB	T224 Vertical shaft oil seal flange
AYKFC	T225 Flange cap screw (1 only)
AYKGE	T226 Flange gasket
AYKHF	T227 Vertical shaft oil seal ring
AYKIG	T228 Vertical steering shaft bushing (1 only)
AYKJH	T229 Propelling chain offset link
AYKUS	T240 Housing gasket
AYKVT	T241 Cover gasket
AYKWU	T242 Spring adjusting nut
AYKXV	T243 Cover felt washer
AYORL	T334 Left clutch shifter collar



CODE	NUMBER AND NAME
AELCE	C77 Suspension rope anchor (includes X41)
AHOZC	JR5 Crowd rope anchor wedge (1 only)
AIPKO	JX2 Boom hoist drum rope anchor wedge
ALUOQ	M79 Adjusting bolt
ASUPY	R78 Hoist drum rope anchor wedge
BAFEI	X1 Hoist rope
BAFIN	X2 Back haul rope
BAFJO	X3 Suspension rope
BAIOR	X41 Rope anchor wedge
BAIST	X43 Hoist rope socket (includes X44)
BAITU	X44 Hoist rope socket wedge
BAIUV	X45 Hoist rope socket pin
BAJFE	X52 Rope clip (1 only)
BAKPO	X59 Crowd rope
BAKUT	X60 Rope thimble

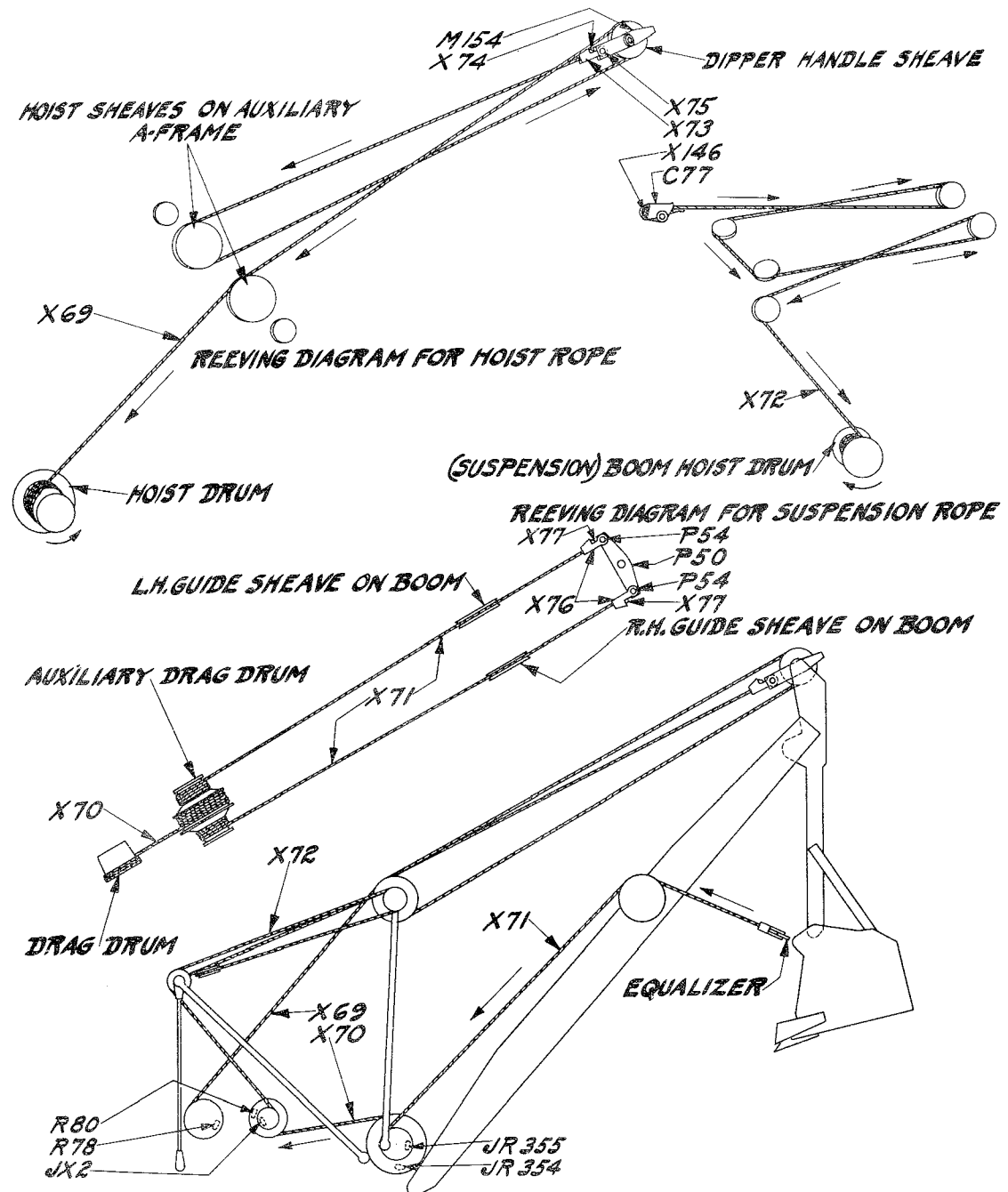
INSTRUCTIONS FOR REEVING ROPES

1. Place the dipper in any convenient position but be sure to extend the dipper handle forward until the stop rests against the saddle block.
2. Starting at the anchor casting on end of handle, with rope guard removed, reeve each end of rope around outer grooves of shipper shaft drum, keeping ropes parallel through boom, lead under the crowd drum at foot of boom. Lubricate rope contact surface of anchor casting each time rope is changed so that rope lengths can be more easily equalized.
3. Anchor crowd rope ends in socket at extreme right and left ends of the crowd drum at foot of boom.
4. Wind up all slack rope, approximately $3\frac{1}{2}$ wraps on each half of crowd drum. Rope will slide over anchor casting on handle until parts are of equal length. Then hold rope tight by locking crowd with foot brake. Replace rope guard on handle anchor casting.
5. Anchor the back haul rope to socket at center of crowd drum and wind approximately one wrap around the drum.
6. Reeve the back haul rope over the crowd drum, over boom and over center groove of shipper shaft drum, then forward to the adjusting bolt at end of the handle.
7. Run the nuts on the adjusting bolt back to the end of the bolt to give maximum adjustment, then take up all slack in the back haul rope by hand and fasten to the adjusting bolt with rope clips.
8. Release the foot brake and draw up adjusting bolt to remove slack in both the crowd and back haul ropes. Properly adjusted ropes allow about 2" sag in back haul rope with dipper handle out horizontal. Well lubricated crowd rope will give greater rope life.
9. Reeve hoist rope as shown on drawing.
10. Reeve suspension rope as shown on the drawing.



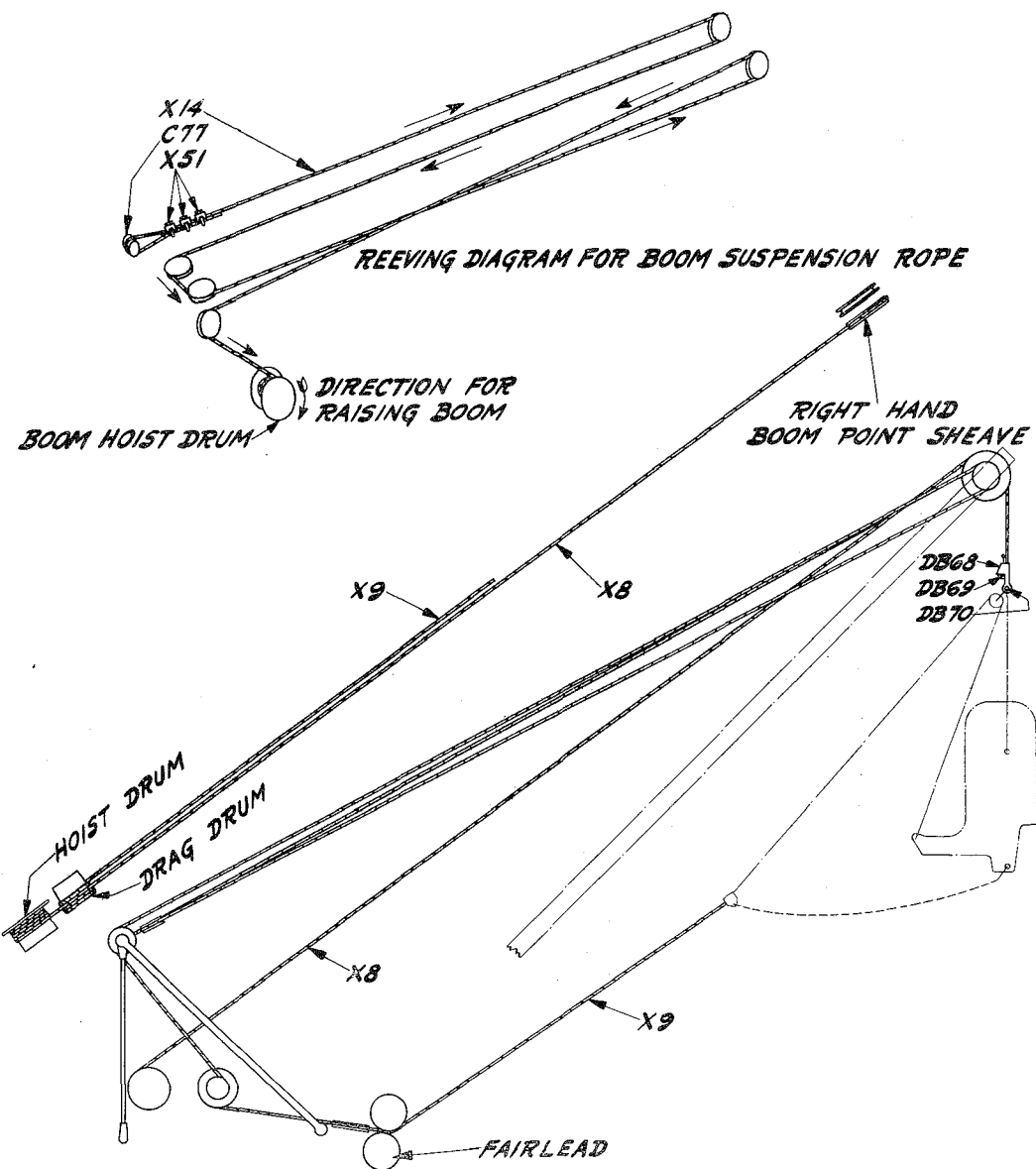
1-X-350
Bucyrus-Erie Co.

CODE	NUMBER AND NAME
AELCE	C77 Suspension rope anchor (includes X146)
AIJFO	JR354 Main drag rope anchor wedge
AIJGQ	JR355 Aux. drag rope anchor wedge (1 only)
AIPKO	JX2 Boom hoist drum rope anchor wedge
AMAVS	M154 Rope anchor and guide
AMPTA	P50 Equalizer
AMQAG	P54 Rope anchor pin (1 only)
ASUPY	R78 Rear drum rope anchor wedge
ASUTB	R80 Front drum rope anchor wedge
BALKI	X69 Hoist rope
BALOM	X70 Main drag rope
BALQO	X71 Auxiliary drag rope (1 only)
BALUS	X72 Suspension rope
BALWU	X73 Hoist rope socket (includes X74)
BALYW	X74 Hoist rope socket wedge
BAMAX	X75 Hoist rope socket pin
BAMBY	X76 Aux. drag rope socket (1 only—includes X77)
BAMEA	X77 Aux. drag rope socket wedge (1 only)
CASUK	X146 Rope socket wedge



CODE	NUMBER AND NAME
AELCE	C77 Suspension rope anchor
AEPVU	DB68 Hoist rope socket (includes DB69)
AEPWV	DB69 Hoist rope wedge
AEPXW	DB70 Rope socket pin
BAFWA	X8 Hoist rope
BAFYC	X9 Drag rope
BAGLO	X14 Suspension rope
BAJED	X51 Suspension rope clip (1 only)

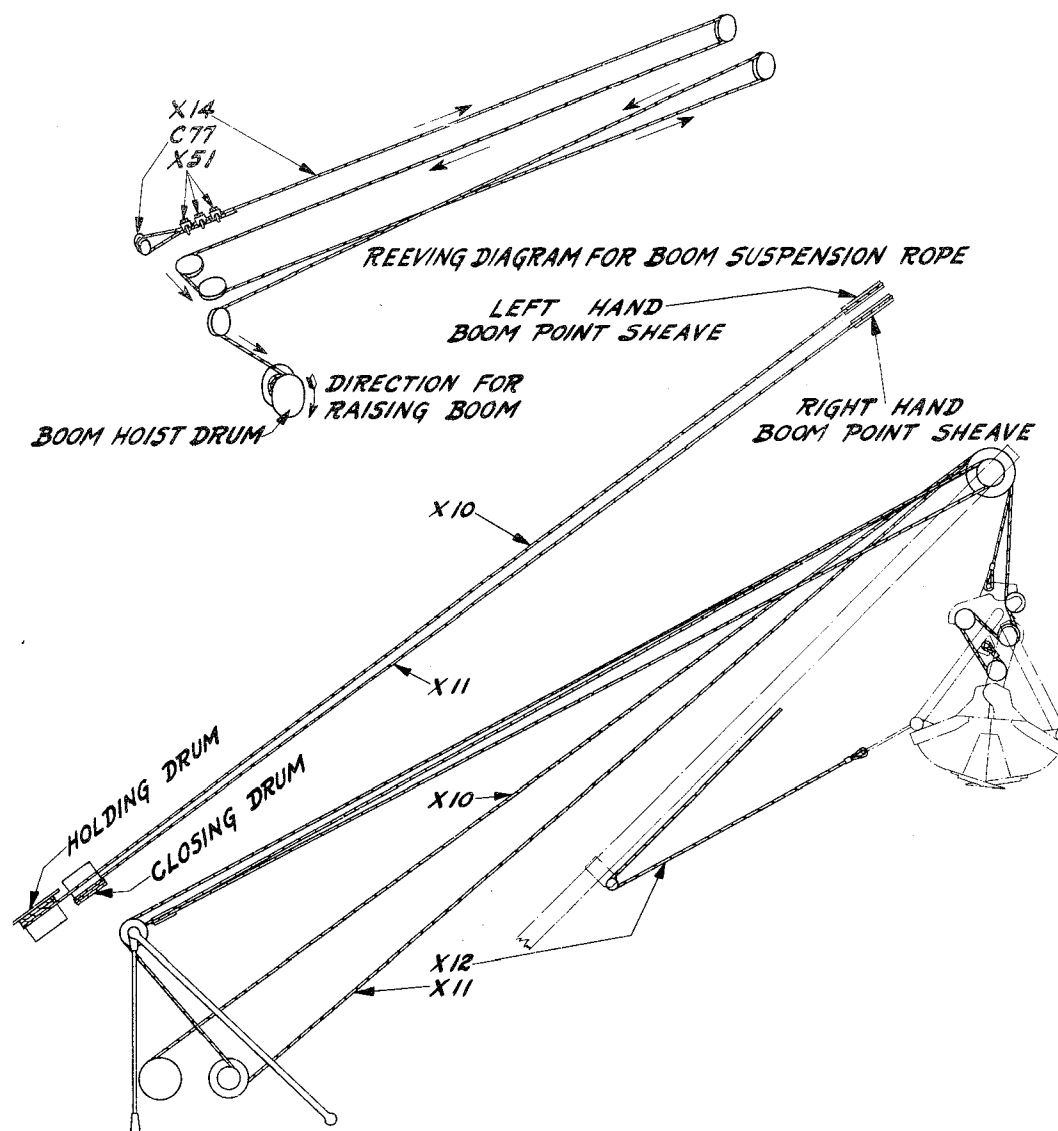
REEVE ROPES AS SHOWN ON THE DRAWING



1-X-326
Bucyrus-Erie Co.

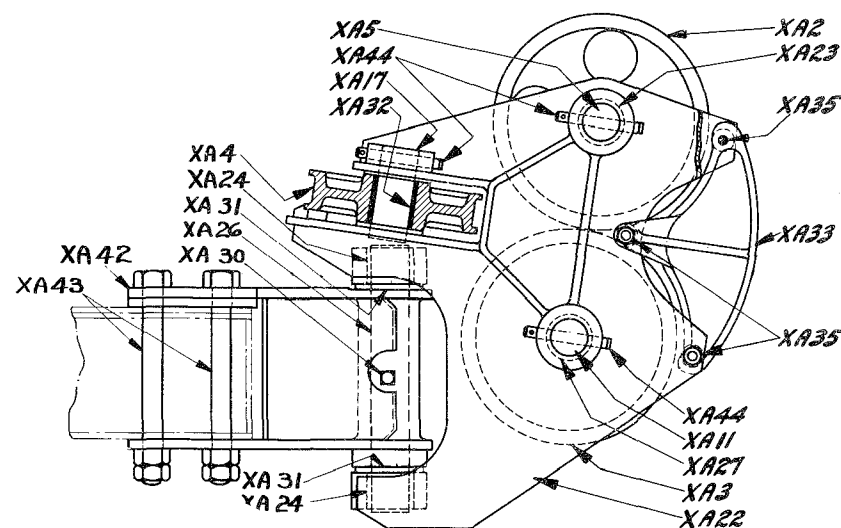
CODE	NUMBER AND NAME	
AELCE	C77	Suspension rope anchor
BAGAC	X10	Holding rope
BAGCE	X11	Closing rope
BAGEG	X12	Tagline rope
BAGLO	X14	Suspension rope
BAJED	X51	Suspension rope clip (1 only)

REEVE ROPES AS SHOWN ON THE DRAWING



1-XA-308
Bucyrus-Erie Co.

CODE	NUMBER AND NAME
BAOID	XA1 Fairlead complete (includes all parts XA2 to XA55)
BAOJE	XA2 Upper sheave (includes XA23)
BAOKF	XA3 Lower sheave (includes XA27)
BAOLG	XA4 Deflecting sheave (1 only—includes XA32)
BAOMH	XA5 Upper sheave pin
BAOSN	XA11 Lower sheave pin
BAOYT	XA17 Deflecting sheave pin (1 only)
BAPIC	XA22 Fairlead frame (includes 2 of XA24)
BAPKE	XA23 Upper sheave bushing
BAPOI	XA24 Frame bushing (1 only)
BAPYS	XA26 Frame pin
BAQAT	XA27 Lower sheave bushing
BAQFY	XA30 Frame pin lock
BAQHA	XA31 Frame pin washer
BAQIB	XA32 Deflecting sheave bushing (1 only)
BAQLE	XA33 Guide (1 only)
BAQPI	XA35 Guide bar bolts (set)
BARIA	XA42 Fairlead support
BARME	XA43 Support bolt (1 only)
BAROG	XA44 Sheave pin lock



STROMBERG SF-2 CARBURETOR

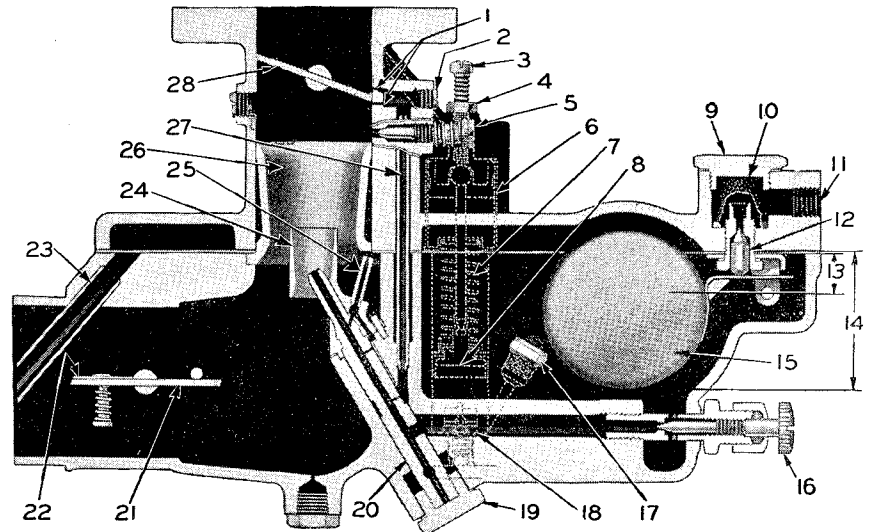
STROMBERG NO. A-16222 (CODE NO. 1-12A)

SIZE: 1-1/4" UPDRAFT S.A.E. 2-11/16" FLANGE CENTER TAPPED 3/8-16

STANDARD
SF-2

PARTS ILLUSTRATED

1. Idle Discharge Holes
2. Idle Discharge Plug
3. Pump Adjustment Screw
4. Pump Adjustment Lock Screw
5. Idle Needle Valve
6. Vacuum Piston
7. Accelerating Pump Spring
8. Accelerating Pump Piston
9. Strainer Plug
10. Strainer
11. Gasoline Inlet
12. Float Needle Valve and Seat
13. Fuel Level (see instructions)
14. Float Setting (see instructions)
15. Float
16. Adjustable Metering Jet
17. Check Valve
18. Combination Power and Pump By-Pass Jet
19. Main Discharge Jet nut
20. Main Discharge Jet
21. Choke Valve
22. Choke Poppet Valve
23. Vent Tube
24. Small Venturi
25. High Speed Bleed
26. Large Venturi
27. Idle Tube
28. Throttle Valve



Note—Specifications below are for latest production; previous major changes listed on parts page.

FUEL LEVEL—For measuring fuel level it is advisable to use an open vessel with a leveled top, large enough to support the throttle valve body and to accommodate the float assembly. Place main body gasket between body and vessel before checking. Connect gas line to inlet in throttle body and allow gas to feed into measuring vessel at **2 lbs.** pressure until flow is stopped by the closing of the float needle valve. Fuel level should measure **9/16"** below top surface of vessel (without gasket); use standard depth gauge for measuring fuel level. To correct fuel level hold throttle body in inverted position and set float to measure **1-3/4"** from top of float to gasket surface which will give approximate fuel level; change if necessary.

MAIN METERING SYSTEM—Venturi **1-1/32"**, P-16753; Main Discharge Jet **No. 32**, P-16773; **Tool T-20180** used to remove main discharge jet plug). High Speed Bleeder **No. 60**, P-16776; Main Metering Jet **Adjustable** P-12802. (Use new P-21372 main discharge jet gasket when replacing main discharge jet.)

POWER SYSTEM—Combination Power and Pump By-Pass Jet **.028"** P-16786 (**Tool T-20138**); Power System is brought into operation at **4"** to **6"** of mani-

fold vacuum. Use **Tool T-23785** to remove pump inlet check valve.

ACCELERATION—Pump stroke adjusted by adjustment screw above pump vacuum piston. Screw "in" to shorten stroke, "out" to lengthen. Adjustment screw to be set **1/8"** below top surface of throttle body flange.

IDLE SYSTEM—Idle discharge holes **No. 58-66**. With throttle valve fully closed and **No. 58** drill in idle hole, edge of valve is located **Flush + — .004"** from **No. 58** drill. Idle tube **No. 68** P-16754; Adjust to smooth running, **IN** to make richer, **OUT** to make leaner.

NOTE—For use with governor, remove plug in flange to line up with vacuum channel in governor. For use without governor plug vacuum channels in flange and remove plug from barrel of carburetor.

FLANGE GASKET—P-24137.

SPECIAL TOOLS REQUIRED—T-20139 Main Discharge and Metering Jet; T-20138 By-Pass Jet socket wrench; T-20180 Main Discharge Jet plug socket wrench; T-23785 Check Valve socket wrench; T-20182 Bushing and Vent Tube Remover; T-24972 Pump Burette gauge.

MOTOR TUNE-UP DATA

SPARK PLUG—

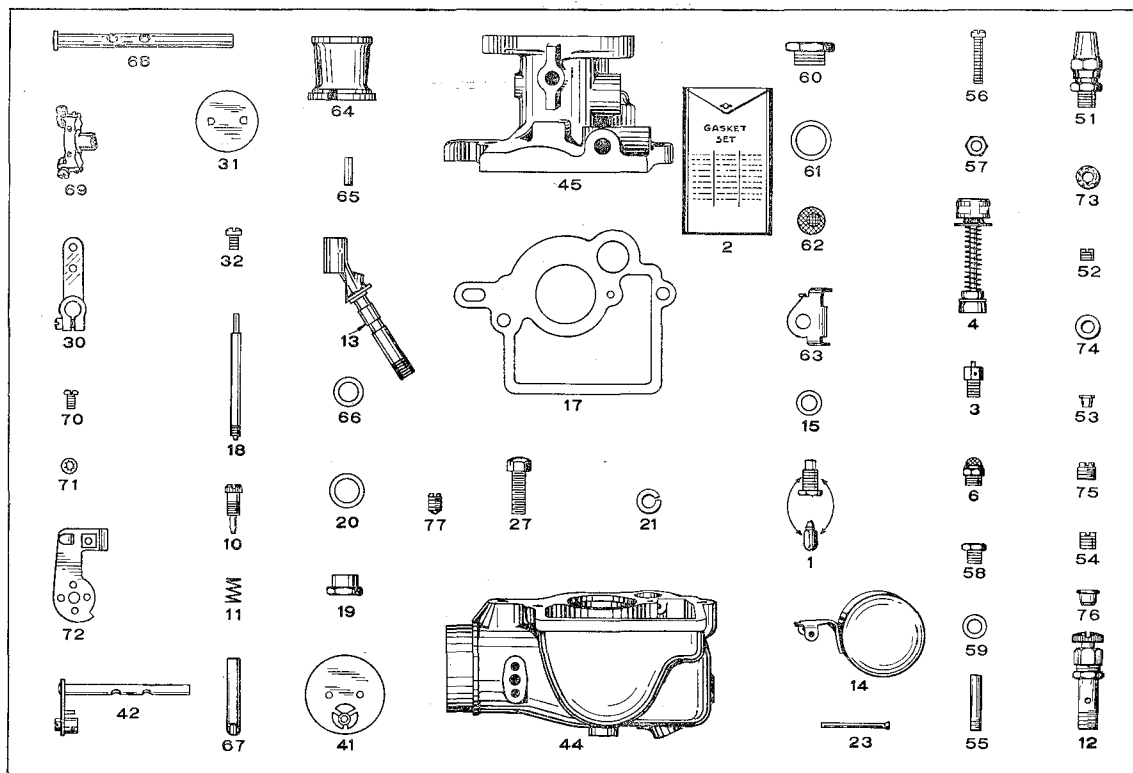
Clean and adjust at regular intervals.

DISTRIBUTOR—Set breaker gap. Replace points if necessary.

IGNITION TIMING—Use timing light.

VALVES—Intake: Exhaust: Adjust with engine hot.

SERVICE RECOMMENDATION—Check heat control valve to see that it is free during its entire travel and that thermostat is properly positioned.



SERVICE REPLACEMENT PARTS LIST

Repair Parts Kit No. RK-100

Bin Loca- Key tion No.	Part No.	Part Name
1	P-17282	Float Needle Valve and Seat .113".....(NOT VAR.)
2	J-4436-G	Complete Gasket Set.....
3	P-16796	Pump By-Pass Jet .028".....(VAR.)
4	P-23133	Vacuum Pump.....
6	P-23135	Pump Inlet Check Valve.....
10	P-15396	Idle Needle Valve.....
11	P-12530	Spring—Idle Needle Valve.....
12	P-12802	Adjustable Metering Jet.....
13	P-16773	Main Disch. Jet and Small Venturi No. 32.....(VAR.)
14	P-16767	Float with Lever.....
15	P-11572	Gasket—Float Hanger and Needle Valve Seat.....
17	P-16756	Gasket—Main Body.....
18	P-16754	Idle Tube.....
19	P-16762	Nut—Main Discharge Jet.....
20	P-5636	Gasket—Main Discharge Jet Nut.....
21	P-6892	Lockwasher—Main Body Attach. Screw.....
23	P-16760	Pin—Fulcrum—Float Lever.....
27	P-16765	Screw—Main Body Attaching.....
30	P-5856-R	Throttle Lever.....
	P-3199	Screw—Throttle Lever Clamp.....
31	P-16755	Throttle Valve.....
32	P-16716	Screw—Throttle Valve and Choke Valve Attaching.....
41	P-15823	Choke Valve.....
42	P-17098	Choke Lever and Stem.....
	P-10981	Screw—Choke Wire Clamp.....
44	P-24889	Main Body.....
45	P-24887	Throttle Body No. 58-66 Idle Dis. Holes (Complete with Throttle Stem and Valve).....(VAR.)
51	P-3278	Gas Union.....
52	P-7098	Plug—Vacuum Suction Channel.....
53	P-15458	Plug—Pump Channel—No. 10.....
54	P-12780	Plug—Idle Disch. Channel.....
55	P-16776	High Speed Bleeder No. 60.....(VAR.)
56	P-5546	Screw—Vacuum Pump Adj.....

Bin Loca- Key tion No.	Part No.	Part Name
57	P-14618	Nut—Pump Adj. Screw.....
58	P-26	Plug—Gas Inlet.....
59	P-6855	Gasket—Adj. Metering Jet.....
60	P-17140	Plug—Strainer.....
61	P-22851	Gasket—Strainer Plug.....
62	P-12958	Strainer—Gas.....
63	P-16761	Float Hanger.....
64	P-16783	Venturi Tube 1-1/32".....(VAR.)
65	P-16850	Pin—Main Disch. Jet Locating.....
66	P-21372	Gasket—Main Disch. Jet.....
67	P-16757	Vent Tube.....
68	P-16793	Throttle Stem.....
69	P-7041-K	Throttle Stop.....
	P-12375	Idle Adj. Screw.....
	P-2266	Screw—Idle Adj. Screw Clamp.....
70	P-14646	Screw—Choke Tube Holder Attach.....
71	P-15346	Lockwasher—Choke Tube Holder Attach. Screw.....
72	P-12823	Choke Tube Holder.....
	P-12868	Screw—Choke Tube Clamp.....
	P-8806	Nut—Choke Tube Clamp Screw.....
73	P-14160	Washer—Idle Tube (Cork).....
74	P-22713	Washer—Idle Tube.....
75	P-3292	Plug—Gov. Conn.....
76	P-20454	Plug—Idle Channel.....
77	P-14745	Set Screw—Vent Tube.....

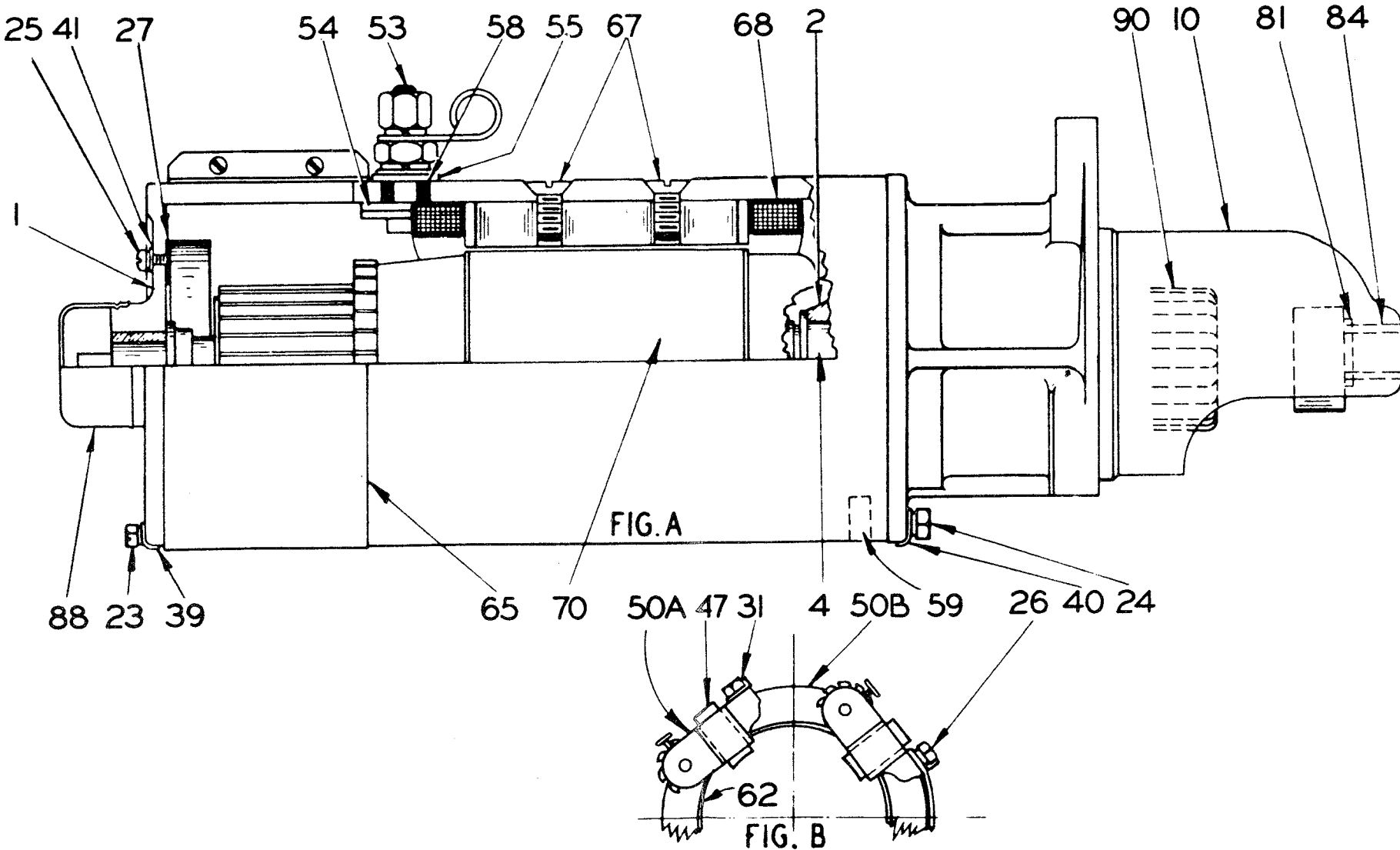
FURNISHED EXTRA WITH EACH CARBURETOR

P-16318	Compression Union.....
P-22394	Copper Tubing.....

NOTE—To eliminate Power Systems on Stationary or Industrial Engines but retain Accelerating Pump Action use P-23144 (Key No. 4) Vacuum Pump.

BENDIX PRODUCTS DIVISION
SOUTH BEND OF BENDIX AVIATION CORPORATION INDIANA

THIS ILLUSTRATION IS FOR DATA ON FRONT OF THIS SHEET



FORM 95

The Leece-Neville Co. . . Cleveland, Ohio

Printed in U. S. A.

Parts not listed may be
ordered by stating Ref-
erence No. and Type No.

Ref. Number	Part Number	Part Name	Ref. Number	Part Number	Part Name
See Fig. A			Fig. A--Continued		
1	5878	Com. End Housing with Bushing	59	6020	Field Lug (4)
2	5912	Intermediate Housing with Bushing	65	5510	Brush Opening Band
3	6011	Com. End Bushing	67	7092	Pole Piece Screw (8)
4	6013	Intermediate Bushing	68	6621	Field Coils
7	6021	Com. End Thrust Washer	70	MA-6085	Armature
10	6666	Bendix Housing	81	6021	Bendix Thrust Washer
23	5983	Screw (4)	84	6011	Bendix Bushing
24	4229	Screw (4)	88	7545	Dust Cap
25	8414	Screw (2)	90	5120	Bendix Drive
39-40 }			See Fig. B		
41 }	6814	Tabbed Washer (10)	47	5920	Brush (4)
53	5204	Terminal Stud	50	6660	Rigging, complete less Brushes
54	5354	Terminal Inner Insulator	50A	6592	Brush Holder (4)
55	5203	Insulation Washer	50B	6661	Brush Holder Bracket
58	5230	Insulation Bushing	62	6034	Grounding Strip

*Suggested Parts to Carry for Servicing.

Used by - Bucyrus-Erie Co.

Complete Price List Available on Request.

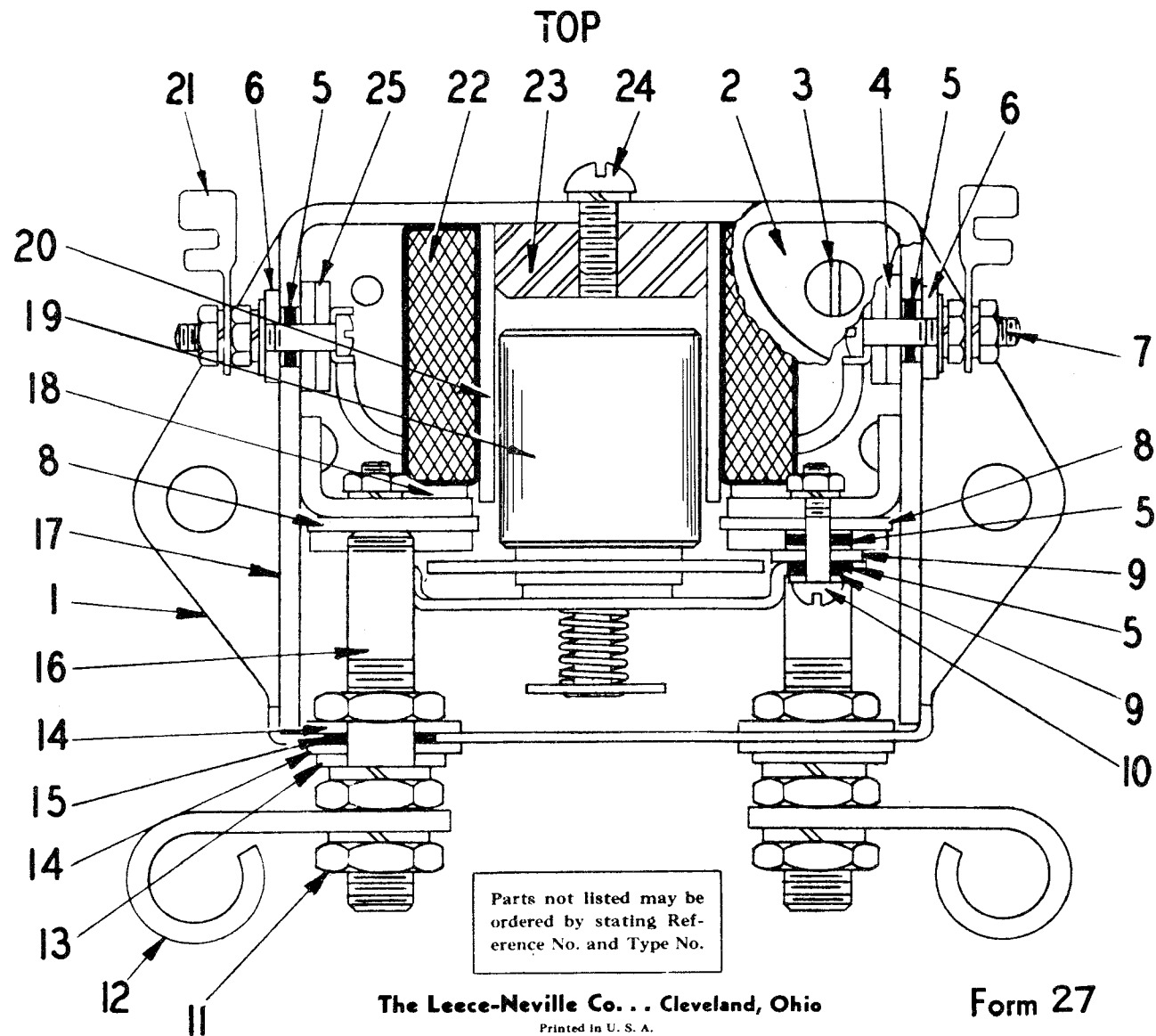
Form 95 - Illustration on Back of this Sheet.

November 26, 1938.

6 Volt - 5" Dia. Cranking Motor
Clockwise Rotation at Driving End
No. 1 S.A.E. Flange Mounting
13 Tooth - 8/10 Pitch

TYPE 808-M

THIS ILLUSTRATION IS FOR DATA ON FRONT OF THIS SHEET



6 Volt--Magnetic Starting Switch

Ref. Number	Part Number	Part Name	Ref. Number	Part Number	Part Name
1	5272	Base	13	5294	Guard Washer (2)
2	5273	Cover	*14	5290	Insulation Washer (4)
3	5370	Screw, 10-24x2 $\frac{1}{4}$ Rd.Hd. (2)	*15	5461	Insulation Bushing (2)
*4	6149	Insulator (2)	*16	5700	Terminal Stud Assembly (2)
*5	3675	Insulation Bushing (8)	17	5743	Yoke and Cap Assembly
*6	5896	Insulation Washer (2)	18	5771	Wedge (2)
7	6126	Terminal Screw 10-24x7/8 Sq.Hd. (2)	*19	5784	Plunger and Contact Assembly
*8	5285	Contact Insulation (2)	20	5279	Plunger Tube
*9	2386	Insulation Washer (4)	21	1931	Terminal (2)
*9	2381	Insulation Washer (2)	22	5282	Coil Assembly
10	3580	Screw, 10-24x $\frac{3}{4}$ Rd.Hd. (4)	23	5783	Magnet Core
11	5289	Nut (6)	24	5369	Screw, $\frac{1}{4}$ -20x $\frac{1}{2}$ Rd.Hd.
12	6110	Terminal (2)	*25	6150	Insulator (2)

Complete Price List available on request.

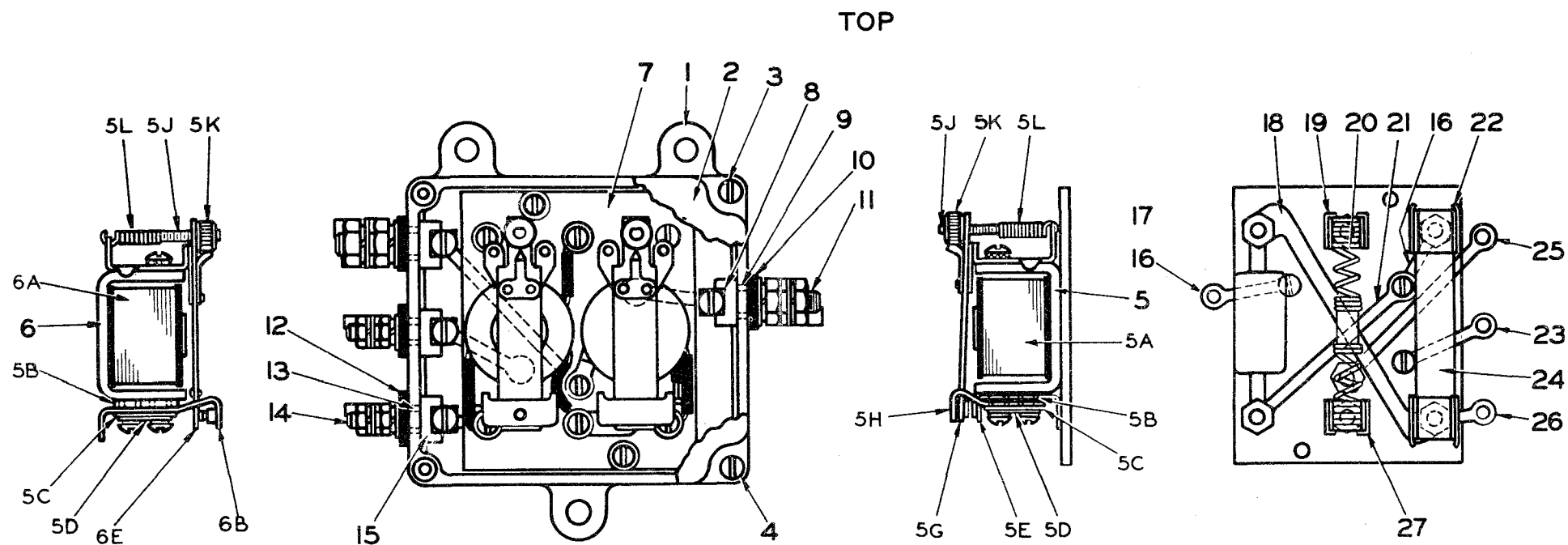
* Suggested Parts to carry for servicing.

Form 27--Illustration on Back of This Sheet.

October 13, 1939

TYPE 11-MS-6

THIS ILLUSTRATION IS FOR DATA ON FRONT OF THIS SHEET



FORM 55

Parts not listed may be
ordered by stating Ref-
erence No. and Type No.

The Leece-Neville Co. . . Cleveland, Ohio

Printed in U. S. A.

6 Volt - Voltage Regulator

Used with Generator of corresponding Type
Example: 1063-R with 1063-G Generator

1476-R with 1476-G Generator, and so on

REF. Number	Part Number	Part Name	Ref. Number	Part Number	Part Name
1	14042	Base	*8	12226	Insulator (2)
2	14043	Cover	*9	4488	Insulation Bushing (2)
*3	7273	Screw, 8-32x $\frac{1}{2}$ Fill.Hd.(2)	*10	4474	Insulation Washer (2)
*4	8060	Screw, 8-32x $\frac{1}{2}$ Fill.Hd.(Drilled)(2)	11	14438	Terminal Stud (2)
*5	12127	Cutout Relay Element	*12	4471	Insulation Washer (2)
5-A	12132	Coil & Yoke Assembly	*13	8342	Insulation Bushing (2)
*5-B	7218	Insulation Bushing (4)	14	14439	Terminal Stud (2)
*5-C	22041	Insulation Washer (8)	*15	12227	Insulator (2)
5-D	16042	Guard Plate (2)	16	14534	Jumper
*5-E	10087	Contact Plate Assem.with Contact	*17	8266	Condenser
*5-G	9963	Armature Assem.with Contact	18	8397	Jumper
5-H	8034	Stop	19	6901	Clip Fuse
*5-J	8467	Screw Adjusting (2)	*20	8064	Resistance Unit
*5-K	8465	Nut, Adjusting (2)	21	14537	Jumper
*5-L	8468	Spring, Adjusting (2)	22	6463	Fuse clip (2)
*6	8015	Voltage Regulator Element	23	14535	Jumper
6-A	9867	Coil & Yoke Assembly	*24	9716	Resistance Unit
*6-B	10006	Contact Carrier with Contact	25	14536	Jumper
*6-E	9832	Armature Assmb.with Contact	26	14533	Jumper
7	8052	Panel	27	7241	Fuse Clip

Complete Price List Available on Request

*Suggested Parts to Carry for Servicing

856-R
1008-R
1009-R
1016-R
1018-R
1019-R
1060-R
1064-R
1065-R
1066-R
1067-R
1068-R
1076-R
1168-R
1174-R
1198-R
1230-R
1286-R
1290-R
1304-R
1305-R
1390-R
1424-R
1470-R
1470-R2
1476-R

THIS ILLUSTRATION FOR DATA ON FRONT OF THIS SHEET

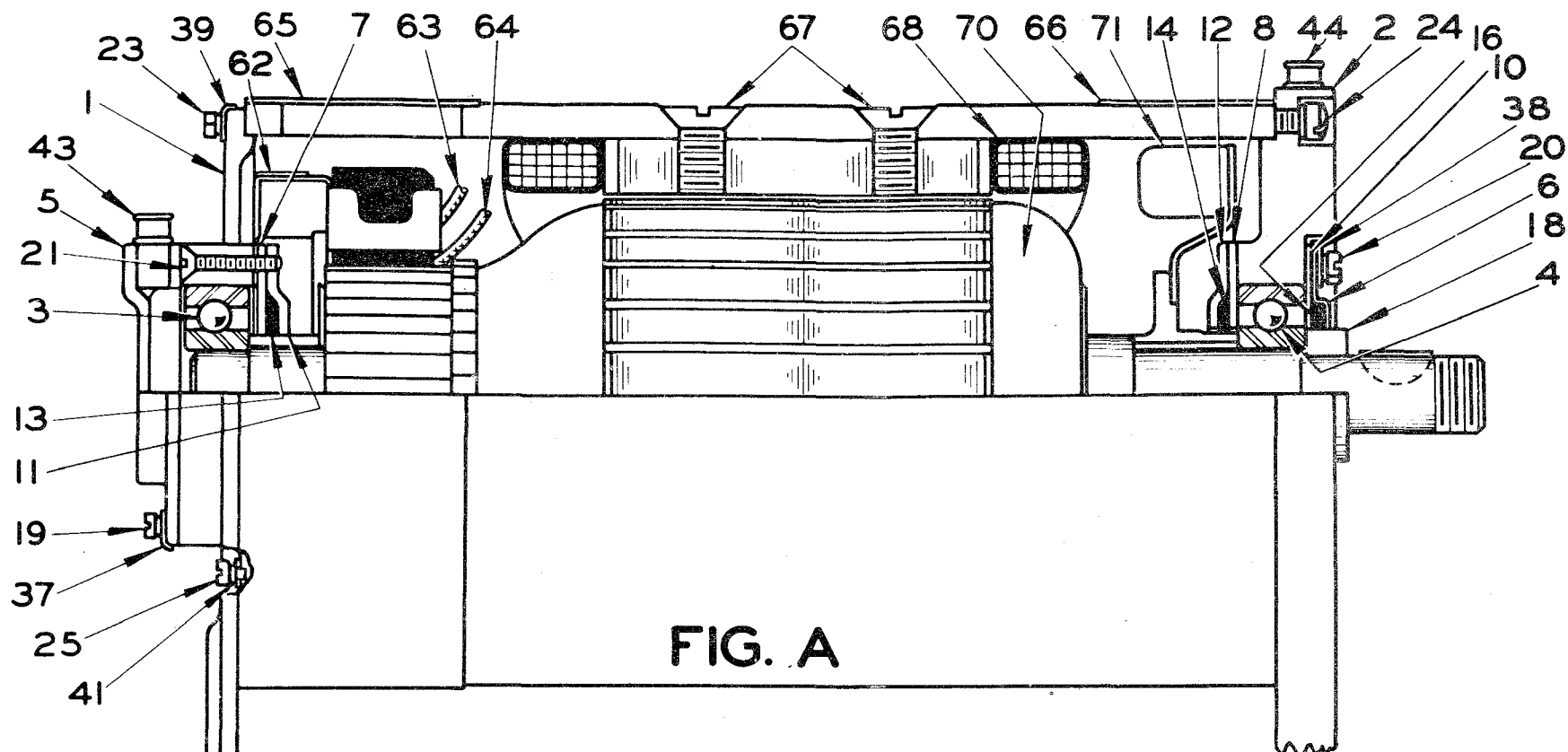


FIG. A

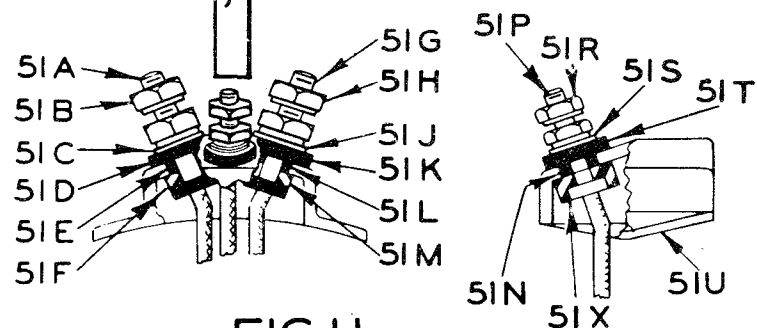


FIG. H

FORM 104

Parts not listed may be
ordered by stating Ref-
erence No. and Type No.

The Leece-Neville Co. . . Cleveland, Ohio
Printed in U. S. A.

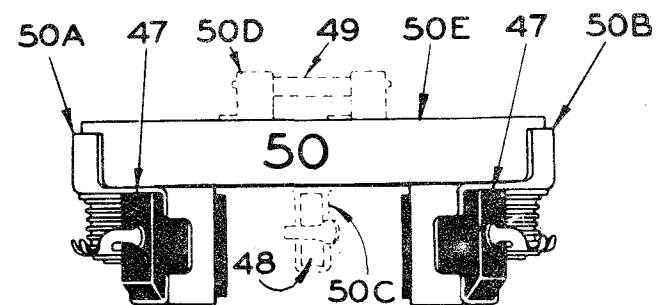


FIG. E

5-1/8" Dia. Voltage Regulated Generator
Clockwise Rotation at Driven End
Special Flange Mounting
Used with Type 1198-R Regulator

TYPE-1198-G

CHARACTERISTICS OF GENERATOR - HOT

Volts	Watts	Amps. at RPM	Amps. at RPM	Amps. at RPM	Amps. at RPM
6	175	0	700	10	900
			25	2000	22
					4000

Ref. Number	Part Number	Part Name	Ref. Number	Part Number	Part Name
		SEE FIG. "A"			SEE FIG. "A" - Continued
1	16492	Com. End Housing	*70	GA-19520	Armature
2	20564	Drive End Housing	71	12044	Fan (C.W.)
*3	3640	Bearing			SEE FIG. "E"
*4	2344	Bearing			
5	8383	Outer Retainer	*47	14083	Main Brush (2)
6	5906	Outer Felt Retainer	*48	6394	Third Brush
7	7540	Inner Retainer	*49	3593	Fuse - 5 Ampere
8	5862	Inner Retainer	*50	14264	Rigging, Complete Less Brushes
10	5862	Outer Retainer	50A	12241	Brush Holder, Left
11-12	5894	Felt Retainer (2)	50B	12240	Brush Holder, Right
*13	6775	Felt Washer	50C	6646	Brush Holder, Third
*14-16	5498	Felt Washer (2)			SEE FIG. "H"
18	12036	Drive End Collar			
*19-20	6637	Screw (6)	*51	14184	Carrier Assembly (Complete)
*21	2376	Screw (3)	51A	10468	Terminal Stud G+
*22	5579	Screw (3)	51F	12227	Insulator G+
*23	5983	Screw (4)	51G	10797	Terminal Stud G-
*24	3578	Screw (6)	51K	4474	Insulation Washer G-
*25	8414	Screw (2)	51L	4488	Bushing G-
*37-38 }	6814	Tabbed Washer (12)	51M	12226	Insulator G-
*39-41 }			51N	8342	Bushing F+
*43-44	5458	Oiler (2)	51P	10468	Terminal Stud F+
62	6543	Grounding Jumper	51S	5635	Washer F+
65	16959	Brush Opening Band	*51T	4471	Insulation Washer F+
66	12248	Vent Shield	51X	12227	Insulator
*67	7092	Pole Piece Screw (8)	51U	12039	Terminal Carrier Casting
*68	14088	Field Coils			

Complete Price List available on request.

Used By: Bucyrus Erie Co.

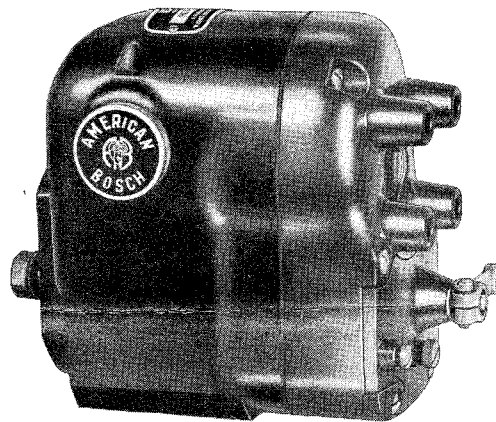
* Suggested parts to carry for servicing.

PARTS LIST MJB-A MAGNETO

AMERICAN BOSCH CORPORATION, SPRINGFIELD, MASS., U. S. A.

AMERICAN BOSCH

MAGNETO



MJB 4 Edition A

PARTS LIST
for
Types MJB Edition A
(and variations)

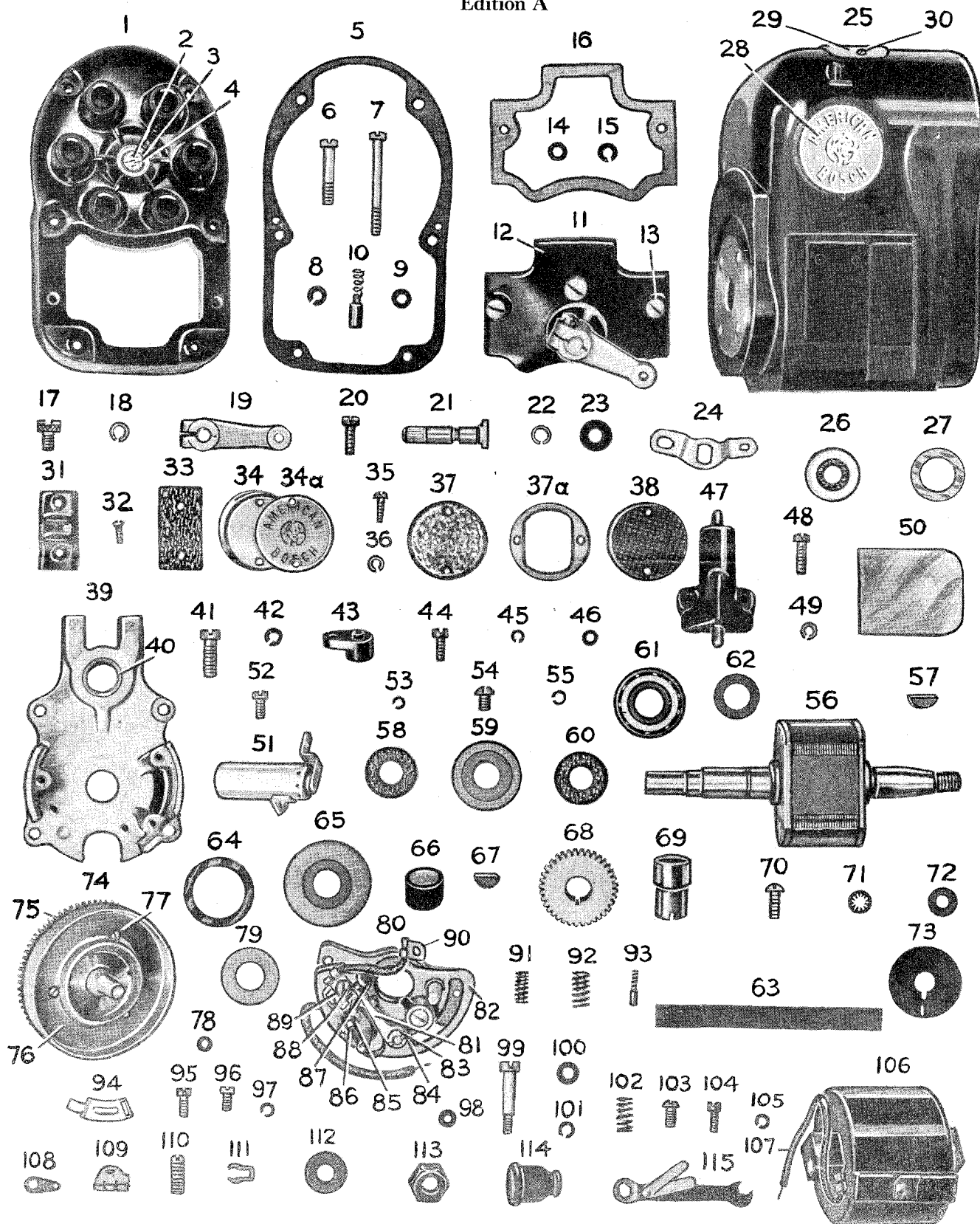
WHEN ORDERING SERVICE PARTS MENTION:

1. Type of magneto for which part is required (type designation will be found engraved on the magneto name plate).
2. Part letters and number together with description as shown in

AMERICAN BOSCH CORPORATION, SPRINGFIELD, MASS., U. S. A.

Type MJB Magnetos

Edition A



AMERICAN BOSCH CORPORATION, SPRINGFIELD, MASS., U. S. A.

Type MJB Magnetos

Edition A

III. No.	Description	III. No.	Description	III. No.	Description
1	*Distributor plate	42	Fast. screw lock washer	82b	Inter. plate w/riveted parts and support plate - variable
2	Observation window	43	*Terminal block on gear bracket	83	Plain washer for lever stud
3	Ring for window	44	*Block fastening screw	84	Interrupter lever cotter pin
4	Window gasket	45	Fast. screw lock washer	85	Screw for lever spring
5	*Dist. plate gasket	46	Fast. screw plain washer	86	Fastening screw lock washer
6	*Plate fast. screw-short	47	*High-tension conductor	87	*Contact bracket w/point
7	*Plate fast. screw-long	48	Conductor fast. screw	88	Bracket fastening screw
8	Fast. screw lock washer	49	Fast. screw lock washer	89	Fast. screw lock washer
9	Fastening screw plain washer	50	Conductor insulation	90	*Interrupter grounding cable
10a	*Distributor plate center brush and spring	51	*Condenser with bracket	91	Spring (small) on inter.
10b	*Distributor plate brush and spring	52	Condenser fast. screw	92	Spring (large) on inter.
11a	Cap assembly - fixed	53	Lock washer for condenser fastening screw	93	*Interrupter grounding brush and spring
11b	Cap assembly - variable	54	*Screw for condenser lead	94a	Stop plate - clw.-fixed
12a	*Cap w/gasket - fixed	55	Lock washer for screw	94b	Stop plate - clw.-20°
12b	*Cap w/gasket - variable	56	Magnet rotor	94c	Stop plate - clw.-35°
13	Cap fastening screw	57	*Woodruff key - drive end	94d	Stop plate - anti-fixed
14	Fast. screw plain washer	58	*Felt washer for magnet rotor - drive end	94e	Stop plate - anti-20°
15	Fast. screw lock washer	59	Felt washer retaining disc	94f	Stop plate - anti-35°
16	*Control arm cap gasket	60	*Felt washer for magnet rotor - inter. end	95	Stop plate fastening screw - variable only
17	*Cap grounding screw	61	*Ball bearing	96	Stop plate fast. screw-fixed and variable
18	Grd. screw lock washer	62a	Bearing shim (.0126")	97	Fast. screw lock washer
19	*Timing arm	62b	Bearing shim (.0071")	98	Fastening screw plain washer
20	Timing arm screw	62c	Bearing shim (.004")	99	Stop plate stud (fixed only)
21	Timing arm shaft	62d	Bearing shim (.0197")	100	Plain washer for stud
22	Spring ring for shaft	63	*Packing strip for magnet rotor ball bearing	101	Lock washer for stud
23	Plain washer for shaft	64	*Bearing paper washer	102	Spring for stud
24	"U" shaped timing lever	65	Oil thrower for bearing	103	Inter. support plate fast. screw (all types)
25a	Magneto housing (std.)	66a	Spacer on rotor - short	104	Inter. support plate screw (variable)
25b	Magneto housing (drilled for coupling)	66b	Spacer on rotor - long	105	Plate fastening screw lock washer
25c	Magneto housing (for flange-mounted)	67	*Woodruff key for gear	106	*High-tension coil
26	Leather oil seal - drive end (flange-mounted)	68	Magnet rotor gear	107	*Cable for coil - specify length
27	Washer under oil seal	69	*Cam	108	Clip for cable
28	Circular name plate	70	*Cam fastening screw	109	Cable terminal clip
29	Name plate for type designation	71	Fast. screw lock washer	110	*Lock screw for mounting high-tension coil
30	Name plate fast. screw	72	Cam retaining washer	111	Terminal clip for dist. plate cable
31	Ventilator (old style)	73	Indicating washer	112	Arm. shaft plain washer
32	Ventilator fast. screw	74	Distributor gear and rotor assembly	113	Arm. shaft hexagon nut
33	Ventilator felt gasket	75	Distributor gear only	114	Rubber nipple
34	Ventilator cover (new style)	76	Distributor rotor only	115	Magneto wrench
34a	Name plate on ventilator cover	77	Dist. rotor fast. screw		
35	Cover fastening screw	78	Plain washer for screw		
36	Fast. screw lock washer	79	Dist. gear spacing washer		
37	Vent. felt gasket (new style)	80a	Interrupter - fixed		
37a	Ventilator washer	80b	Interrupter - variable		
38	Ventilator wire screen	81	*Inter. lever with point		
39	Bracket with bearing	82a	Inter. plate w/riveted parts and support plate - fixed		
40	*Bracket bearing only				
41	Bracket fastening screw				

*FAST MOVING PARTS

NOTE: For service parts of coupling, see manual section headed "Couplings".

ISSUED MAY, 1941

AMERICAN BOSCH CORPORATION SPRINGFIELD, MASS., U. S. A.

*Type Designations Ending with 1, 2, 3, 4, 5, 6 or 101, 102, 103, 104, 105, 106
or 301, 302, 303, 304, 305, 306*

Ill. No.	MJB 4A	MJB 4/2-180° A	MJB 4/2-360° A	MJB 6A	MJB 6/2-360° A	Ill. No.
1	DP 5240	DP 52134	DP 52135	DP 5239	DP 52136	1
2	WN 521	WN 521	WN 521	WN 521	WN 521	2
3	SP 1001 CA	SP 1001 CA	SP 1001 CA	SP 1001 CA	SP 1001 CA	3
4	GA 1003	GA 1003	GA 1003	GA 1003	GA 1003	4
5	GA 523	GA 523	GA 523	GA 523	GA 523	5
6	SC 1002 CA	SC 1002 CA	SC 1002 CA	SC 1002 CA	SC 1002 CA	6
7	SC 1003 CA	SC 1003 CA	SC 1003 CA	SC 1003 CA	SC 1003 CA	7
8	WA 288	WA 288	WA 288	WA 288	WA 288	8
9	WA 98922	WA 98922	WA 98922	WA 98922	WA 98922	9
10a	SA 82736	SA 82736	SA 82736	SA 82736	SA 82736	10a
10b	SA 82876	SA 82876	SA 82876	SA 82876	SA 82876	10b
11a	CP 525	CP 525	CP 525	CP 525	CP 525	11a
11b	CP 5210	CP 5210	CP 5210	CP 5210	CP 5210	11b
12a	CP 5214	CP 5214	CP 5214	CP 5214	CP 5214	12a
12b	CP 5215	CP 5215	CP 5215	CP 5215	CP 5215	12b
13	SC 1001 CA	SC 1001 CA	SC 1001 CA	SC 1001 CA	SC 1001 CA	13
14	WA 98922	WA 98922	WA 98922	WA 98922	WA 98922	14
15	WA 288	WA 288	WA 288	WA 288	WA 288	15
16	GA 521	GA 521	GA 521	GA 521	GA 521	16
17	SC 1006 CA	SC 1006 CA	SC 1006 CA	SC 1006 CA	SC 1006 CA	17
18	WA 45279	WA 45279	WA 45279	WA 45279	WA 45279	18
19	LE 521	LE 521	LE 521	LE 521	LE 521	19
20	SC 24-10	SC 24-10	SC 24-10	SC 24-10	SC 24-10	20
21	SH 529	SH 529	SH 529	SH 529	SH 529	21
22	SP 1002 CA	SP 1002 CA	SP 1002 CA	SP 1002 CA	SP 1002 CA	22
23	WA 1003 CA	WA 1003 CA	WA 1003 CA	WA 1003 CA	WA 1003 CA	23
24	LE 526	LE 526	LE 526	LE 526	LE 526	24
25a	HG 526	HG 526	HG 526	HG 526	HG 526	25a
25b	HG 529	HG 529	HG 529	HG 529	HG 529	25b
25c	HG 527	HG 527	HG 527	HG 527	HG 527	25c
26	PK 521	PK 521	PK 521	PK 521	PK 521	26
27	WA 1071	WA 1071	WA 1071	WA 1071	WA 1071	27
28	NP 522	NP 522	NP 522	NP 522	NP 522	28
29	NP 521	NP 521	NP 521	NP 521	NP 521	29
30	SC 121-6 CA	SC 121-6 CA	SC 121-6 CA	SC 121-6 CA	SC 121-6 CA	30
31	CV 524	CV 524	CV 524	CV 524	CV 524	31
32	SC 73-7 PA	SC 73-7 PA	SC 73-7 PA	SC 73-7 PA	SC 73-7 PA	32
33	GA 526	GA 526	GA 526	GA 526	GA 526	33
34	CV 52128	CV 52128	CV 52128	CV 52128	CV 52128	34
34a	NP 522	NP 522	NP 522	NP 522	NP 522	34a
35	SC 1096	SC 1096	SC 1096	SC 1096	SC 1096	35
36	WA 6-3 CA	WA 6-3 CA	WA 6-3 CA	WA 6-3 CA	WA 6-3 CA	36
37	GA 5210	GA 5210	GA 5210	GA 5210	GA 5210	37
37a	WA 5269	WA 5269	WA 5269	WA 5269	WA 5269	37a
38	SN 526	SN 526	SN 526	SN 526	SN 526	38
39	BK 527	BK 527	BK 527	BK 527	BK 527	39
40	BG 521	BG 521	BG 521	BG 521	BG 521	40
41	SC 25-12 CA	SC 25-12 CA	SC 25-12 CA	SC 25-12 CA	SC 25-12 CA	41
42	WA 6-6	WA 6-6	WA 6-6	WA 6-6	WA 6-6	42
43	BL 522	BL 522	BL 522	BL 522	BL 522	43
44	SC 21-8 CA	SC 21-8 CA	SC 21-8 CA	SC 21-8 CA	SC 21-8 CA	44
45	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	45
46	WA 72613	WA 72613	WA 72613	WA 72613	WA 72613	46
47	EC 5212	EC 5212	EC 5212	EC 5212	EC 5212	47
48	SC 21-10 CA	SC 21-10 CA	SC 21-10 CA	SC 21-10 CA	SC 21-10 CA	48
49	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	49
50	IS 5226	IS 5226	IS 5226	IS 5226	IS 5226	50
51	CW 524	CW 524	CW 524	CW 524	CW 524	51
52	SC 21-6 CA	SC 21-6 CA	SC 21-6 CA	SC 21-6 CA	SC 21-6 CA	52

NOTE: ALWAYS SPECIFY PARTS LETTERS WITH NUMBERS WHEN ORDERING SERVICE PARTS.

AMERICAN BOSCH CORPORATION, SPRINGFIELD, MASS., U. S. A.

*Type Designations Ending with 1, 2, 3, 4, 5, 6 or 101, 102, 103, 104, 105, 106
or 301, 302, 303, 304, 305, 306*

III. No.	MJB 4A	MJB 4/2-180° A	MJB 4/2-360° A	MJB 6A	MJB 6/2-360° A	III. No.
53	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	53
54	SC 42-5 CA	SC 42-5 CA	SC 42-5 CA	SC 42-5 CA	SC 42-5 CA	54
55	WA 76919 CA	WA 76919 CA	WA 76919 CA	WA 76919 CA	WA 76919 CA	55
56	RT 5217	RT 5217	RT 5217	RT 5217	RT 5217	56
57	KY 11-4	KY 11-4	KY 11-4	KY 11-4	KY 11-4	57
58	WA 1010	WA 1010	WA 1010	WA 1010	WA 1010	58
59	WA 5245	WA 5245	WA 5245	WA 5245	WA 5245	59
60	WA 81751	WA 81751	WA 81751	WA 81751	WA 81751	60
61	BB 60226	BB 60226	BB 60226	BB 60226	BB 60226	61
62a	WA 61	WA 61	WA 61	WA 61	WA 61	62a
62b	WA 106	WA 106	WA 106	WA 106	WA 106	62b
62c	WA 107	WA 107	WA 107	WA 107	WA 107	62c
62d	WA 1009	WA 1009	WA 1009	WA 1009	WA 1009	62d
63	IS 504	IS 504	IS 504	IS 504	IS 504	63
64	IS 222	IS 222	IS 222	IS 222	IS 222	64
65	CV 522	CV 522	CV 522	CV 522	CV 522	65
66a	SR 1006 CA	SR 1006 CA	SR 1006 CA	SR 1006 CA	SR 1006 CA	66a
66b	SR 1023 CA	SR 1023 CA	SR 1023 CA	SR 1023 CA	SR 1023 CA	66b
67	KY 11-3	KY 11-3	KY 11-3	KY 11-3	KY 11-3	67
68	GE 5212	GE 5212	GE 5212	GE 5211	GE 5211	68
69	CA 522	CA 522	CA 524	CA 522	CA 524	69
70	SC 43-10 CA	SC 43-10 CA	SC 43-10 CA	SC 43-10 CA	SC 43-10 CA	70
71	WA 22-6	WA 22-6	WA 22-6	WA 22-6	WA 22-6	71
72	WA 5241	WA 5241	WA 5241	WA 5241	WA 5241	72
73	WA 522	WA 522	WA 522	WA 522	WA 522	73
74	GE 528	GE 528	GE 528	GE 527	GE 527	74
75	GE 5247	GE 5247	GE 5247	GE 5248	GE 5248	75
76	RT 525	RT 525	RT 525	RT 524	RT 524	76
77	SC 521	SC 521	SC 521	SC 521	SC 521	77
78	WA 1005 CA	WA 1005 CA	WA 1005 CA	WA 1005 CA	WA 1005 CA	78
79	WA 78682	WA 78682	WA 78682	WA 78682	WA 78682	79
80a	IN 526	IN 526	IN 526	IN 526	IN 526	80a
80b	IN 525	IN 525	IN 525	IN 525	IN 525	80b
81	LE 522	LE 522	LE 522	LE 522	LE 522	81
82a	PL 52119	PL 52119	PL 52119	PL 52119	PL 52119	82a
82b	PL 52118	PL 52118	PL 52118	PL 52118	PL 52118	82b
83	WA 86678	WA 86678	WA 86678	WA 86678	WA 86678	83
84	FP 84791	FP 84791	FP 84791	FP 84791	FP 84791	84
85	SC 1004 CA	SC 1004 CA	SC 1004 CA	SC 1004 CA	SC 1004 CA	85
86	WA 6-4	WA 6-4	WA 6-4	WA 6-4	WA 6-4	86
87	BK 525	BK 525	BK 525	BK 525	BK 525	87
88	SC 39-4 CA	SC 39-4 CA	SC 39-4 CA	SC 39-4 CA	SC 39-4 CA	88
89	WA 6-4	WA 6-4	WA 6-4	WA 6-4	WA 6-4	89
90	CB 5227	CB 5227	CB 5227	CB 5227	CB 5227	90
91	SP 5213	SP 5213	SP 5213	SP 5213	SP 5213	91
92	SP 5214	SP 5214	SP 5214	SP 5214	SP 5214	92
93	BR 521	BR 521	BR 521	BR 521	BR 521	93
94a	PL 528	PL 528	PL 528	PL 528	PL 528	94a
94b	PL 526	PL 526	PL 526	PL 526	PL 526	94b
94c	PL 525	PL 525	PL 525	PL 525	PL 525	94c
94d	PL 527	PL 527	PL 527	PL 527	PL 527	94d
94e	PL 529	PL 529	PL 529	PL 529	PL 529	94e
94f	PL 525	PL 525	PL 525	PL 525	PL 525	94f
95	SC 21-8 CA	SC 21-8 CA	SC 21-8 CA	SC 21-8 CA	SC 21-8 CA	95
96	SC 21-6 CA	SC 21-6 CA	SC 21-6 CA	SC 21-6 CA	SC 21-6 CA	96
97	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	97
98	WA 72613	WA 72613	WA 72613	WA 72613	WA 72613	98
99	SD 1001 CA	SD 1001 CA	SD 1001 CA	SD 1001 CA	SD 1001 CA	99
100	WA 98904	WA 98904	WA 98904	WA 98904	WA 98904	100
101	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	101

NOTE: ALWAYS SPECIFY PARTS LETTERS WITH NUMBERS WHEN ORDERING SERVICE PARTS.

ISSUED MAY, 1941

AMERICAN BOSCH CORPORATION, SPRINGFIELD, MASS., U. S. A.

*Type Designations Ending with 1, 2, 3, 4, 5, 6 or 101, 102, 103, 104, 105, 106
or 301, 302, 303, 304, 305, 306*

III. No.	MJB 4A	MJB 4/2-360° A	MJB 6/2-360° A	MJB 6A	MJB 4/2-180° A	III. No.
102	SP 525	SP 525	SP 525	SP 525	SP 525	102
103	SC 1029 CA	SC 1029 CA	SC 1029 CA	SC 1029 CA	SC 1029 CA	103
104	SC 21-8 CA	SC 21-8 CA	SC 21-8 CA	SC 21-8 CA	SC 21-8 CA	104
105	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	WA 6-4 CA	105
106	CL 524	CL 524	CL 524	CL 524	CL 524	106
107	KL 100657	KL 100657	KL 100657	KL 100657	KL 100657	107
108	EC 1002	EC 1002	EC 1002	EC 1002	EC 1002	108
109	EC 5214	EC 5214	EC 5214	EC 5214	EC 5214	109
110	SC 1060	SC 1060	SC 1060	SC 1060	SC 1060	110
111	FP 81953	FP 81953	FP 81953	FP 81953	FP 81953	111
112	WA 2	WA 2	WA 2	WA 2	WA 2	112
113	NT 67446	NT 67446	NT 67446	NT 67446	NT 67446	113
114	IS 82927	IS 82927	IS 82927	IS 82927	IS 82927	114
115	WR 521	WR 521	WR 521	WR 521	WR 521	115

MJB 4A 108 MAGNETO (*Base Mounting-Chv.-20° Timing Range*)

Illustration Number	Part Number	Description of Parts
11b	CP 5211	Control arm cap with short-circuit assembly
12b	CP 528	Control arm cap only
19	LE 523	Timing arm
**	SP 529	Short-circuiting spring
29	NP 529	Name plate for type designation
94	PL 529	Stop angle plate

All other parts same as for MJB 4A magneto.

MJB 4A 109 MAGNETO (*Base Mounting-Anti-Chv.-Fixed*)

11a	CP 5213	Control arm cap complete with short-circuit stud and fastening screws
12a	CP 5231	Control arm cap only
**	CT 5210	Contact stud with knob
**	SP 5218	Contact stud holding spring
**	SC 42-4 CA	Holding spring fastening screw
**	WA 288	Fastening screw lock washer
80a	IN 5215	Interrupter assembly complete
82a	PL 52120	Interrupter plate with riveted parts and support plate
**	PL 5246	Grounding plate for contact stud
**	SC 42-6 CA	Grounding plate fastening screw
**	WA 45279	Grounding plate fastening screw lock washer

All other parts same as for MJB 4A magneto.

** Not illustrated.

NOTE: ALWAYS SPECIFY PARTS LETTERS WITH NUMBERS WHEN ORDERING SERVICE PARTS.

AMERICAN BOSCH CORPORATION, SPRINGFIELD, MASS., U. S. A.

MJB 4A 110 MAGNETO (*Base Mounting-Clw.-35° Timing Range*)

Illustration Number	Part Number	Description of Parts
11b	CP 5211	Control arm cap with short-circuit assembly
12b	CP 528	Control arm cap only
19	LE 523	Timing arm
**	SP 529	Short-circuiting spring

All other parts same as for MJB 4A magneto.

MJB 4A 112 MAGNETO (*Base Mounting-Clw.-35° Timing Range*)

11b	CP 5211	Control arm cap with short-circuit assembly
12b	CP 528	Control arm cap only
19	LE 523	Timing arm
**	SP 529	Short-circuiting spring

All other parts same as for MJB 4A magneto.

MJB 4A 114 MAGNETO (*Base Mounting-Clockwise-Fixed*)

11a	CP 5213	Control arm cap complete with short-circuiting stud and fastening screws
12a	CP 5231	Control arm cap only
**	CT 5210	Contact stud with knob
**	SP 5218	Contact stud holding spring
**	SC 42-4 CA	Holding spring fastening screw
**	WA 288	Fastening screw lock washer
80a	IN 5215	Interrupter assembly complete
82a	PL 52120	Interrupter plate with riveted parts and support plate
**	PL 5246	Grounding plate for contact stud
**	SC 42-6 CA	Grounding plate fastening screw
**	WA 45279	Grounding plate fastening screw lock washer

All other parts same as for MJB 4A magneto.

MJB 4A 116 MAGNETO (*Base Mounting-Clockwise-Fixed*)

11a	CP 5213	Control arm cap complete with short-circuiting stud and fastening screws
12a	CP 5231	Control arm cap only
**	CT 5210	Contact stud with knob
**	SP 5218	Contact stud holding spring
**	SC 42-4 CA	Holding spring fastening screw
**	WA 288	Fastening screw lock washer
80a	IN 5215	Interrupter assembly complete
32a	PL 52120	Interrupter plate with riveted parts and support plate
**	PL 5246	Grounding plate for contact stud
**	SC 42-6 CA	Grounding plate fastening screw
**	WA 45279	Grounding plate fastening screw lock washer

All other parts same as for MJB 4A magneto.

** Not illustrated.

NOTE: ALWAYS SPECIFY PARTS LETTERS WITH NUMBERS WHEN ORDERING SERVICE PARTS.

AMERICAN BOSCH CORPORATION, SPRINGFIELD, MASS., U. S. A.

MJB 4A 308 MAGNETO (*Vert. Flange Mounting-Clw.-Fixed*)

Illustration Number	Part Number	Description of Parts
1	DP 52170	Distributor plate with observation window
		All other parts same as for MJB 4A magneto.

MJB 4A 310 MAGNETO (*Vert. Flange Mounting-Clw.-Fixed*)

1	DP 52171	Distributor plate with observation window
80a	IN 5222	Interrupter assembly complete
81	LE 5220	Interrupter lever with platinum point
		All other parts same as for MJB 4A magneto.

MJB 4A 312 MAGNETO (*Vert. Flange Mounting-Clw.-Fixed*)

11a	CP 5213	Control arm cap complete with short-circuiting stud and fastening screws
12a	CP 5231	Control arm cap only
**	CT 5210	Contact stud with knob
**	SP 5218	Contact stud holding spring
**	SC 42-4 CA	Holding spring fastening screw
**	WA 288	Fastening screw lock washer
80a	IN 5215	Interrupter assembly complete
82a	PL 52120	Interrupter plate with riveted parts and support plate
**	PL 5246	Grounding plate for contact stud
**	SC 42-6 CA	Grounding plate fastening screw
**	WA 45279	Grounding plate fastening screw lock washer

All other parts same as for MJB 4A magneto.

MJB 4A 314 MAGNETO (*Vert. Flange Mounting-Clw.-Fixed*)

1	DP 52328	Distributor plate with window and grounding cable assembly
**	EC 1003	Clip for grounding cable (terminal block end)
**	CB 5232	Grounding cable and clip assembly
**	EC 1001	Clip for external grounding cable
**	SC 23-6 CA	Fastening screw - grounding cable to distributor plate
**	WA 6-5	Lock washer for fastening screw
**	IS 5257	Insulation under cable clip
**	SD 527	Cover supporting post - long
**	SD 526	Cover supporting post - short
**	WA 288	Lock washer for fastening screw and cover supporting post
**	WA 98922	Plain washer for fastening screw and cover supporting post
**	WA 5280	Sealing washer for fastening screw and cover supporting post
**	PL 5232	Metal plate between frame and distributor plate
**	CV 5224	Radio shield cover
**	SC 78-7 CA	Cover fastening screw - upper
**	NT 571	Round nut for low-tension terminal outlet
**	FP 84020	Terminal outlet ferrule - small

(Continued)

** Not illustrated

NOTE: ALWAYS SPECIFY PARTS LETTERS WITH NUMBERS WHEN ORDERING SERVICE PARTS

AMERICAN BOSCH CORPORATION, SPRINGFIELD, MASS., U. S. A.**MJB 4A 314 MAGNETO (*Vert. Flange Mounting-Chw.-Fixed*) (Cont'd)**

Illustration Number	Part Number	Description of Parts
**	FP 84832	Terminal outlet ferrule - large
**	IB 84016	Insulation bushing for low-tension terminal outlet
**	IS 524	Cable outlet insulation bushing
**	CV 5287	Observation cover
**	SC 39-5 CA	Fastening screw for observation cover
**	WA 6-4	Lock washer for fastening screw
**	CP 5223	Cap for radio shield cover
**	SC 24-7 CA	Cap fastening screw
**	WA 5-5	Fastening screw lock washer
80	IN 5223	Interrupter assembly complete with platinum points
81	LE 5220	Interrupter lever with platinum point
87	BK 5236	Adjustable contact bracket with platinum point
88	SC 104347	Contact bracket fastening screw

All other parts same as for MJB 4A magneto.

MJB 4/2-360° A 108 MAGNETO (*Base Mounting-Chw.-Fixed*)

11a	CP 5225	Control arm cap with short-circuit assembly
**	EC 5268	Short-circuit button and spring assembly
**	SC 42-4 CA	Spring assembly fastening screw
**	WA 288	Spring assembly fastening screw lock washer
**	WA 21-5	Spring assembly fastening screw shake-proof washer
25b	HG 5259	Magneto housing

All other parts same as for MJB 4/2-360° A magneto.

MJB 6A 108 MAGNETO (*Base Mounting-Chw.-35° Timing Range*)

11b	CP 5211	Control arm cap with short-circuit assembly
12b	CP 528	Control arm cap only
19	LE 523	Timing arm
**	SP 529	Short-circuiting spring

All other parts same as for MJB 6A magneto.

MJB 6A 109 MAGNETO (*Base Mounting-Anti-Chw.-Fixed*)

11a	CP 5213	Control arm cap complete with short-circuiting stud and fastening screws
12a	CP 5231	Control arm cap only
**	CT 5210	Contact stud with knob
**	SP 5218	Contact stud holding spring
**	SC 42-4 CA	Holding spring fastening screw
**	WA 288	Fastening screw lock washer
80a	IN 5215	Interrupter complete
82a	PL 52120	Interrupter plate with riveted parts and support plate
**	PL 5246	Grounding plate for contact stud
**	SC 42-6 CA	Grounding plate fastening screw
**	WA 45279	Grounding plate fastening screw lock washer

All other parts same as for MJB 6A magneto

** Not illustrated

NOTE: ALWAYS SPECIFY PARTS LETTERS WITH NUMBERS WHEN ORDERING SERVICE PARTS

AMERICAN BOSCH CORPORATION, SPRINGFIELD, MASS., U. S. A.

MJB 6A 111 MAGNETO (*Base Mounting-Anti-Chw.-Fixed*)

Illustration Number	Part Number	Description of Parts
11a	CP 5225	Control arm cap with short-circuit assembly
**	EC 5268	Short-circuit button and spring assembly
**	SC 42-4 CA	Spring assembly fastening screw
**	WA 288	Spring assembly fastening screw lock washer
**	WA 21-5	Spring assembly fastening screw shake-proof washer

All other parts same as for MJB 6A magneto.

MJB 6A 113 MAGNETO (*Base Mounting-Anti-Chw.-Fixed*)

25b	HG 52104	Magneto housing
39	BK 5252	Bracket with bearing

All other parts same as for MJB 6A magneto.

MJB 6A 117 MAGNETO (*Base Mounting-Chw.-10° Timing Range*)

11b	CP 5226	Control arm cap with short-circuit assembly
12b	CP 5232	Control arm cap with contact plate
15	WA 5-5	Lock washer for cap fastening screw
18	WA 5-5	Lock washer for timing arm screw
**	PL 5270	Bracket for timing arm and short-circuit switch
**	SD 5230	Control arm holding stud
**	NT 1026	Wing nut for stud
**	WA 22-5	Shake-proof washer for stud
**	SA 79957	Switch knob assembly
**	SP 5257	Spiral spring on knob shaft
**	FP 65772	Knob shaft spring ring
**	EC 5269	Short-circuit contact plate
94	PL 52108	Stop plate

All other parts same as for MJB 6A magneto.

MJB 6A 308 MAGNETO (*Vert. Flange Mounting-Chw.-Fixed*)

1	DP 52172	Distributor plate with observation window, fastening screws and brushes
80a	IN 5222	Interrupter complete
81	LE 5220	Interrupter lever with platinum point

All other parts same as for MJB 6A magneto.

** Not illustrated.

NOTE: ALWAYS SPECIFY PARTS LETTERS WITH NUMBERS WHEN ORDERING SERVICE PARTS