

OLIVER

HAY TOOLS

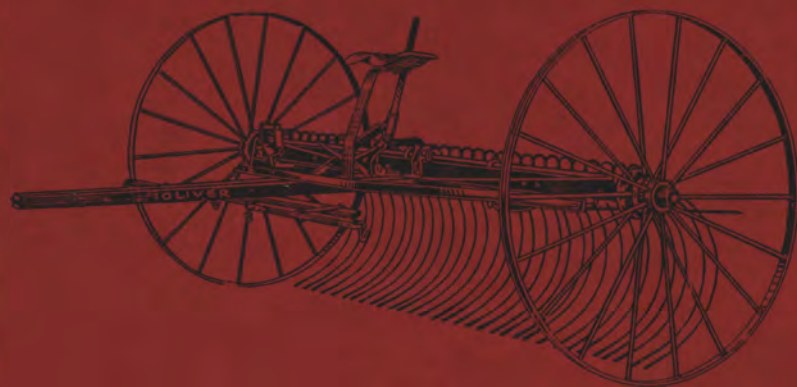
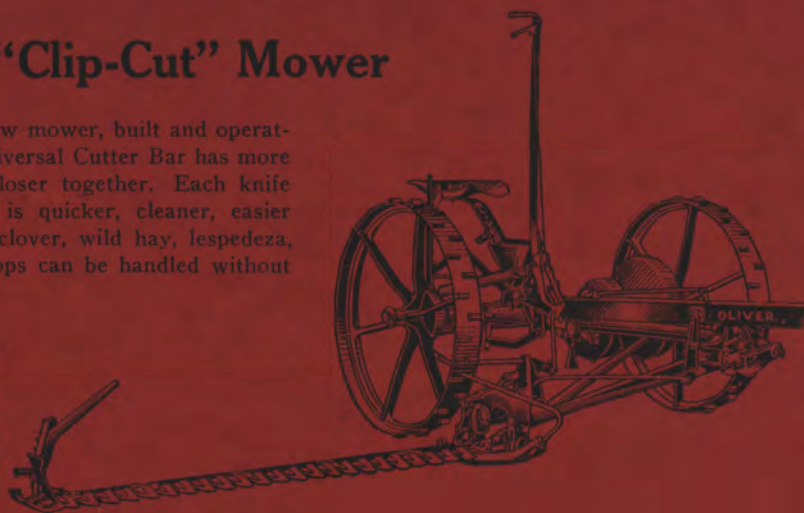
Parts Price List
No. 35-HT

Oliver Farm Equipment Sales Company
CHICAGO, ILLINOIS

The Oliver Hay Makers

"Clip-Cut" Mower

The Oliver "Clip-Cut" is an entirely new mower, built and operating on an entirely new principle. The Universal Cutter Bar has more knife sections and guards . . . spaced closer together. Each knife section does less work. "Clip-Cutting" is quicker, cleaner, easier and more dependable. Alfalfa, timothy, clover, wild hay, lespedeza, soy beans, green peas, and other hay crops can be handled without changing guards and other adjustments which are necessary with ordinary mowers. The gears are mounted back of the axle and are fully enclosed . . . running in a bath of oil. The whole machine is light running. Heavy and light type, plain or vertical lift mowers are made. Horse and tractor hitches are available.



Side Delivery Rake



Hay Loaders

The Oliver Hay Loader, with the "soft" but sure action of its raking cylinder and web carrier, sweeps the ground clean of hay and delivers the hay to the load in the best possible shape. With its drop deck it is built to save work and trouble for the man on the load. A gleaner cylinder is readily attached for handling short, light prairie hay or wire grass and short second or third cuttings.

Self Dump Rake

The Oliver Self Dump Rake has a strong, rigid, bridge trussed frame of steel that is built to withstand sagging and twisting strains. The rake teeth lift and the hay is dumped the instant pressure is applied to the foot dump pedal. The rake teeth drop to the ground immediately without leaving an unraked strip next to the windrow.

The rolling action of the Oliver Side Delivery Rake turns the hay and gently rakes it in the proper way to make windrows that dry evenly and thus secure the most feed value from the crop. The frame is rigidly mounted on the wheels. Adjustments in raking are easily made. There is no balling up or wrapping at the end of the raking cylinder.



OLIVER

HAY TOOLS



Each of the four Oliver Hay Makers

Mower

Self Dump Rake

Side Delivery Rake

Loaders . . .

are built to handle your hay in the proper way to make it worth more money to you. With Oliver Hay Tools you can be sure that from the time the mower cuts the first swath in the field, till the last forkful goes into the mow . . . you will make hay faster . . . easier and better.

The new Oliver "Clip-Cut" Mower . . . with the Universal Cutter Bar . . . Running-in Oil Gears . . . and other important improvements . . . is the first really new mower in 75 years. It cuts all mowed crops and is widely used for roadside mowing.

Oliver Hay Tools are proved in the field, modern in design, light in draft, quickly and completely adjustable and with strength wherever strength is needed. You will find in each of them features which make them more generally efficient, useful and long lived.

Oliver Farm Equipment Sales Company

400 W. Madison St.

Chicago, Ill.

OLIVER WORKS --- SOUTH BEND, INDIANA

FACTORIES

South Bend, Ind.

Charles City, Ia.

Battle Creek, Mich.

Springfield, O.

OLIVER

No's. 111, 112, 113 and 114 Clip-Cut Mowers

4½, 5, 6 and 7 Foot Plain Lift, 4½, 5 and 6 Foot Vertical Lift Universal Cutter Bar with 2½" Spacing—Enclosed Gears Running in Oil

Part No.	Description	Part No.	Description
CP-1288	Screw Plug for Z-5182* Lift Spring	Z-75	Vertical Lift Cam
DP-5122	Latch Wire for Tilting Lift Lever	Z-76	Clutch Shift Rod Eyebolt Adjuster for Vertical Lift
DP-5123	Latch Wire for Main Lever	Z-118	Divider Bearing Plate
EP-710	Latch for Z-5111* Main Lift Lever	Z-119	Horned Nut ½" R. H. for Z-5186 or Z-5147
F-202	Singletree Hook, R. H.	Z-147-A	Pitman Wrench
F-203	Singletree Hook, L. H.	Z-150*	Main Wheel—8x34" (Wide Tire) with 7333 for No. 112 Mower
HH-15290*	Cutter Bar Complete, 4½ ft. with 2½" Spacing (21-Z-166*, Z-5476, Z-5141*, Z-173*, Z-174*, Z-5167, Z-5165, Z-5480, Z-5140, Z-61, Z-64, Z-168, 4-Z-5472, 3-Z-5475)	Z-154*	Pitman Bar Bearing with Z-5423 and 7333
HH-15291*	Cutter Bar Complete, 5 ft. with 2½" Spacing (Z-5141*, Z-173*, Z-174*, Z-5167, 5-Z-5472, 4-Z-5475, 23-Z-166*, Z-5477, Z-5165, Z-5480, Z-5140, Z-61, Z-64, Z-168)	Z-163*	Crank Wheel Cpt. (For 2½" Spaced Knives) with Z-5105*
HH-15292*	Cutter Bar Complete, 6 ft. with 2½" Spacing (Z-5141*, Z-173*, Z-174*, Z-5167, 6-Z-5472, 5-Z-5475, 28-Z-166*, Z-5478, Z-5165, Z-5480, Z-5140, Z-61, Z-168, Z-64)	Z-163**	Crank Wheel Complete as Shipped (For 2½" Spaced Knives) (Z-163, Z-5103, Z-5104, Z-5105*)
HH-15293*	Cutter Bar Complete, 7 ft. with 2½" Spacing (Z-5141*, Z-173*, Z-174*, Z-5479, 32-Z-166*, Z-5165, Z-5480, Z-61, Z-5140, Z-64, Z-168, 7-Z-5472, 6-Z-5475, Z-5167)	Z-164*	Main Wheel (3¾x32"—Small) with 7333 for No. 114 Mower
PT-5140	Key for Z-5492 Main Axle and R. H. Pawl Holder (¾ sq. x 3") Old Style	Z-165*	Main Frame Complete (Oil Gear) (Z-46, 2-9372, Z-165, Z-5490, 7333)
RC-5697	Pin in Lever and Rod Adjusting Ends (O.H.B. Rivet ¾x1½" w/¼x1" Cotter)	Z-166*	2½" Guard with Z-5474 Ledger Plate
RP-17	Plunger Spring Box for Tilting Lever	Z-167	Crank Wheel Shield and Brace Adj. End
RP-18	Plunger for Tilting Lever	Z-168	Knife Clip-High
RP-245	Rocking Washer for Lift Spring	Z-169	Clutch Foot Lever
RP-5413	Wrench 8"	Z-170	Clutch Shaft Bearing and Cap
RP-5414	Wrench 9¼"	Z-171*	Clutch Yoke with Z-5025 and Z-5491
RP-5415	Wrench 10½"	Z-172	Pawl Holder, L. H.
Z-30*	Main Wheel (4¼x34") with 7333 for No. 111 Mower	Z-173*	Inner Shoe with Z-5166 Wear Plate
Z-35	Bevel Pinion on End of Crankshaft (Works with Z-177)	Z-174*	Outer Shoe with Z-5164 Ledger Plate
Z-36	Drive Clutch	Z-175	Drive Gear on Main Axle (Works with Z-176)
Z-41-X	Pawl Holder R. H.	Z-176	Drive (Spur) Pinion on Clutch Shaft (Works with Z-175)
Z-42	Drive Pawl for Main Wheels	Z-177	Bevel Gear on Clutch Shaft (Works with Z-35)
Z-45	Step Washer on Main Axle	Z-178	Gear Case Cover
Z-46	Crankshaft Bushing (Front-Enclosed Gear). For Rear Crankshaft Bushing—See Z-5490	Z-179	Seat Tilting Wedge with Bolt
Z-50	Crank Pin Nut ⅝" R. H.	Z-5025	Rivet Pin for Clutch Yoke Shaft
Z-51	Cup Horned Nut ½" R. H. on Crank Wheel Guard Bolt	Z-5090	Roller Bearing on Main Axle
Z-53	Main Lever Ratchet	Z-5103	Crankshaft
Z-54	Main Lever Socket for Foot Trip Lift Spring and Ratchet, R. H. Thd. w/¾x1½" C.P. Set Screw & ⅜" Hex. Jam Nut	Z-5104	Crank Wheel Key (1½x1x1¾")
Z-55	Main Lever Pawl	Z-5105*	Crank Wheel or Wrist Pin w/Z-50 Nut for Pitman
Z-56	Tilting Lever Ratchet (Sector)	Z-5107	Coupling Bar
Z-57	Tilting Lever Rod Adjusting End	Z-5108	Coupling Bar Collar
Z-58	Lifting Yoke	Z-5109	Pin w/⅝x¾" Cotter for Coupling Bar Collar
Z-59	Lifting Yoke Cam	Z-5110	Coupling Bar Brace w/⅞" Hex. Jam Nut & ¼x1¼" Cotter)
Z-60*	Lifting Eyebolt Adjuster with 2-Z-5127	Z-5111*	Main Lift Lever with Z-5112 Hammer Strap (Horse)
Z-61	Inner Shoe Arm	Z-5112	Hammer Strap for Z-5111* Main Lift Lever
Z-63	Draft Bracket	Z-5113*	Tilting Lever Complete (Z-5113, DP-5122, RP-17, RP-18, 999, 4998)
Z-64	Knife Head Cap—Rear	Z-5114*	Tilting Lever Connecting Rod with Z-57, ⅝ Hex. Jam Nut and ⅝x1" Cotter
Z-68-X	Inner Shoe Hinge	Z-5115	Draft Rod
Z-69	Crank Nut ⅝" R. H. for Stay Rod	Z-5116	Draft Clevis
Z-70	Horned Nut ⅝" R. H. for Clutch Shifter Shaft	Z-5117	Draft Clevis Spring Bolt (Machine Bolt ⅝x4¼" with ⅝x1" Cotter)
Z-71	Horned Nut ⅝" R. H. for Z-5173	Z-5118	Draft Bracket and Pole Hinge Pin (O. H. B. Rivet ½x5¾" with 3.16x1" Cotter)
Z-72	Ratchet Nut, L. H. Thd. for Z-5174	Z-5119	Draft Bracket Hinge Pin Plate on Pole
		Z-5120	Lifting Link for Cutter Bar
		Z-5124	Lifting Cam Hinge Pin (O.H. Rivet ⅝x2⅞" with ⅝x1¼" Cotter)
		Z-5125	Lift Yoke Pin (O.H.B. Rivet ¾x4" with ⅝x1" Cotter)

OLIVER

No's. 111, 112, 113 and 114 Clip-Cut Mowers—Continued

Part No.	Description	Part No.	Description
Z-5126	Lift Spring Clip	Z-5478	Cutter Bar Only, 6 ft.—For 2½" Spacing
Z-5127	Inner Shoe Arm Lift Link	Z-5479	Cutter Bar Only, 7 ft.—For 2½" Spacing
Z-5130	Seat Spring	Z-5480	Inner Shoe Sole
Z-5137	Foot Lift Lever	Z-5481*	4½ ft. Mower Knife Complete with 2½" Smooth Sections (Z-5485, Z-5489 and 22-Z-5473)
Z-5138	Inner Shoe Hinge Pin with ⅜x1¼" Cotter	Z-5482*	5 ft. Mower Knife Complete with 2½" Smooth Sections (Z-5486, Z-5489 and 24-Z-5473)
Z-5140	Inner Shoe Guard Rod with ½" Sq. Nut	Z-5483*	6 ft. Mower Knife Complete with 2½" Smooth Sections (Z-5487, Z-5489 and 29-Z-5473)
Z-5141*	Outer Shoe Sole with Z-5142	Z-5484*	7 ft. Mower Knife Complete with 2½" Smooth Sections (Z-5488, Z-5489 and 33-Z-5473)
Z-5142	Outer Shoe Sole Bracket	Z-5489	Knife Head for 2½" Spaced Knife
Z-5144	Cutter Bar Stay Rod Holder and Pole Strap	Z-5490	Crankshaft Bushing—Rear (Enclosed Gear). For Front Crankshaft Bushing—See Z-46
Z-5146	Divider Sole	Z-5491	Clutch Yoke Shaft
Z-5147*	Divider Spring Bolt (Carriage Bolt ½x3½" with ⅝x1" Cotter and Z-119)	Z-5492	Main Axle—Old Style—Replaced by Z-5534 Axle and Z-5535 and Z-5536 Keys
Z-5148	Divider Extension Socket	Z-5493	Clutch Shaft
Z-5164	Ledger Plate for Outer Shoe	Z-5494	Oil Seal Washer for Clutch Yoke Shaft
Z-5165	Knife Head Cap—Front	Z-5495	Main Axle Bearing Spacer
Z-5166	Knife Head Wear Plate—Front	Z-5496	Paper Shim between Frame & L.H. Bearing Cap
Z-5167	Knife Head Wear Plate—Rear	Z-5497	Washer for Clutch Shaft
Z-5168	Pitman Strap—Front (Ball End)	Z-5498	Washer for Clutch Yoke Shaft (Leather)
Z-5169	Pitman Strap—Rear (Ball End)	Z-5499	Washer for Main Frame (Felt)—Extreme L.H.
Z-5170	Pitman Strap—Upper (Bearing End)	Z-5508	Tool Box with ⅜x3⅝" O.H. Rivet
Z-5171	Pitman Strap—Lower (Bearing End)	Z-5510	Key for Z-5492 Main Axle and L.H. Pawl Holder & Drive Gear (⅜" Sq. x 5⅞") Old Style
Z-5172	Pitman Nut Lock	Z-5511	Key for Clutch Shaft and Drive Pinion ⅜x⅝x2"
Z-5173*	Pitman Pivot Bolt, R.H. Thd. (Carriage Bolt ⅞x3" with ⅝x1" Cotter and Z-71)	Z-5512	Key for Clutch Shaft and Drive Clutch (⅜x⅝x2½")
Z-5174*	Pitman Clamp Bolt, L.H. Thd. with Z-72	Z-5513	Gasket between Gear Case cover and Frame (Felt Packing)
Z-5175	Clutch Rock Shaft w/3⅝x1" Cotters for Vertical Lift	Z-5515*	Filler Plug and Oil Gauge
Z-5176	Clutch Rock Shaft Eyebolt Bearing w/½" sq. Nut for Vertical Lift	Z-5526*	Crank Wheel Guard Bolt with Z-51 and ⅝x1" Cotter
Z-5177	Clutch Rock Shaft Roller for Vert. Lift	Z-5527	Paper Shim between Frame and L.H. Bearing Cap
Z-5178	Clutch Rock Shaft Roller Guide for Vert. Lift	Z-5534	Main Axle (Uses Z-5535 and Z-5536 Keys)
Z-5179	Clutch Shifter Eyebolt w/⅞" Hex. Jam Nut for Vertical Lift	Z-5535	Key for Z-5534 Main Axle and R.H. Pawl Holder (⅜" Sq. x 2¼")
Z-5180	Stop with ⅝" sq. Nut for Vertical Lift	Z-5536	Key for Z-5534 Axle and L.H. Pawl Holder and Drive Gear (⅜" Sq. x 5")
Z-5182*	Lifting Spring Complete (Z-5182, CP-1288, RP-245, 7856)	Z-5538	2½" Underserrated Section (Packed in Boxes of 25 each)
Z-5183	Clutch Yoke Spring	Z-5539*	4½ ft. Mower Knife Complete with 2½" Underserrated Sections (Z-5485, Z-5489, 22-Z-5538)
Z-5184	Draft Clevis Spring	Z-5540*	5 ft. Mower Knife Complete with 2½" Underserrated Sections (Z-5486, Z-5489, 24-Z-5538)
Z-5185	Divider Spring	Z-5541*	6 ft. Mower Knife Complete with 2½" Underserrated Sections (Z-5487, Z-5489, 29-Z-5538)
Z-5186*	Pivot Bolt for Main Lever (Machine Bolt ½x2½" with ⅝x1" Cotter and Z-119)	Z-5542*	7 ft. Mower Knife Complete with 2½" Underserrated Sections (Z-5488, Z-5489, 33-Z-5538)
Z-5187	Pin for Inner Shoe Arm, also for Foot Lever and Socket (O.H. Rivet ⅞x1⅝" with ⅝x1¼" Cotter)	Z-9005*	Divider Board Complete (Z-118, Z-5146, Z-5298, Z-9005)
Z-5188*	Cutter Bar Stay Rod Cpt. with Z-69	Z-9006	Divider Board Extension
Z-5189	Pin for Vertical Lift Cam (O.H.B. Rivet ⅜x1⅝" with ⅝x1" Cotter)	Z-9007*	Pole Complete with 2-Z-5119 (Horse)
Z-5190	Lifting Chain with ⅝x1" Cotter		
Z-5298	Rivet Plate		
Z-5423	Pitman Bearing Cap for Z-154*		
Z-5429	Shim Washer on Axle, also between Frame and Drive Gear and Frame and R.H. Pawl Holder		
Z-5432*	Hookbolt and Eyebolt complete		
Z-5439	Slotted Washer for Neckyoke		
Z-5469*	Main Wheel complete with Pneumatic Tire and 7332 for No. 113 Mower		
Z-5472	Knife Wear Plate		
Z-5473	2½" Smooth Section (Packed in Boxes of 25)		
Z-5474	Ledger Plate (Packed in Boxes of 25)		
Z-5475	Knife Clip for Z-166 Guard		
Z-5476	Cutter Bar Only, 4½ ft.—For 2½" Spacing		
Z-5477	Cutter Bar Only, 5 ft.—For 2½" Spacing		

OLIVER

No's. 111, 112, 113 and 114 Clip-Cut Mowers—Continued

Part No.	Description	Part No.	Description
Z-9015	Pitman Bar Only	9029*	Pound Box No. 6 (13/64)x $\frac{3}{4}$ " O.H. Mower Bar Rivets in Knife Back and Sections
Z-9015*	Pitman Bar Complete—Less Bearing (Z-5168, Z-5169, Z-5170, Z-5171, Z-5172, Z-5173, Z-5174, Z-71, Z-72, Z-9015)	9030*	Pound Box No. 6 (13/64)x $\frac{7}{8}$ " O.H. Mower Bar Rivets in Knife Head and Section
Z-9017*	Neckyoke Complete* (2-3904*, Z-5432*, Z-5439)	9035	Mower Oil Can
999	Latch for Tilting Lever	9036	Pin Punch
1053*	Pair Singletree Straps with Bolts	9037	Cold Chisel
1678	Doubletree Bar	9038	$\frac{1}{2}$ x $2\frac{1}{4}$ " sq. csk Head Bolt in Inner Shoe, Rear Knife Head, Cap, Wear Plate, Cutter Bar and Shim
1914*	Singletree Complete (1914, 2-6058, F202, F203)	9039	$\frac{7}{8}$ x $1\frac{1}{8}$ " hard Bright Guard Bolt, In Cutter Bar and Outer Shoe
2251	Seat	9040	$\frac{7}{8}$ x $1\frac{1}{8}$ " Hard Bright Guard Bolt
2380	Spring for Main Lever Pawl	9261*	Pound Box No. 6 (13/64)x $\frac{3}{4}$ " Csk. Head Mower Bar Rivets in Outer Shoe & Ledger Plate and Inner Shoe and Front Wear Plate
3904*	Ferrule and Ring for Neckyoke	9262*	Pound Box No. 6 (13/64")x $1\frac{1}{8}$ " Csk. Head Mower Bar Rivets in Outer Shoe and Ledger Plate
4998	Spring on Tool Box Latch, (also for Drive Pawl and for Tilting Lever)	9372	$\frac{1}{2}$ " Countersunk Pipe Plug in Bottom of Gear Case
5275	Draft Clevis Pin (O.H.B. Rivet $\frac{1}{2}$ x $2\frac{3}{4}$ " w/ $\frac{1}{8}$ x $1\frac{1}{8}$ " Cotter)	9375*	Pound Box No. 6 (13/64)x $1\frac{1}{8}$ " Csk. Head Mower Bar Rivets in Guards and Plates
6058	Singletree Clip	9376	$\frac{7}{8}$ x $1\frac{1}{8}$ " Hard Bright Guard Bolt in Cutter Bar and Guard
7332	Alemite P.T. Fitting for Z-5469* Wheel	9377	$\frac{7}{8}$ x $1\frac{1}{8}$ " Hard Bright Guard Bolt in Cutter Bar, Guards, Wear Plate and Clips
7333	Alemite P.T. Fitting $\frac{1}{8}$ " Straight	9480	3 oz. Grease Gun
7596	$\frac{3}{8}$ x $1\frac{1}{4}$ " Sq. Csk. Head Bolt in Inner Shoe, Front Knife Head Cap and Shims	9481	5 oz. Grease Gun
7695	$\frac{1}{2}$ x $1\frac{1}{8}$ " Sq. Csk. Head Bolt in Inner Shoe and Cutter Bar	23809*	Wheel with 7332 Alemite Fitting for Z-5469* (Less Tire, Tube and Protector)
7856	Machine Bolt $\frac{1}{2}$ x8" Less Nut Threaded $6\frac{1}{2}$ " in CP-1288 Screw Plug		
9024*	Pound Box $\frac{1}{4}$ x $1\frac{1}{8}$ " O.H. Rivets in Pitman Bar		
9025*	Pound Box $\frac{1}{4}$ x $2\frac{1}{8}$ " O.H. Rivets in Pitman Bar		
9026*	Pound Box $\frac{1}{4}$ x $2\frac{1}{4}$ " O.H. Rivets in Pitman Bar		

No's. 101, 102, 103 and 104 Mowers

**$4\frac{1}{2}$, 5, 6 and 7 Foot Plain Lift, $4\frac{1}{2}$, 5 and 6 Foot—Vertical Lift
Cutter Bars with 3" Spacing—Enclosed Gears Running in Oil
(For Balance of Parts See No's. 111, 112, 113 and 114 Mower List)**

Part No.	Description	Part No.	Description
HH-13683*	Cutter Bar Complete $4\frac{1}{2}$ ft. with 3" Spacing (Z-5480, Z-5140, Z-5141*, Z-61, Z-173*, Z-64, Z-67-A*, Z-5149, 5 Z-5155, 4 Z-5156, 17 Z-65*, Z-5165, Z-5167, Z-66)	Z-43*	Crank Wheel Complete (For 3" Spaced Knives) with Z-5105*
HH-13684*	Cutter Bar Complete 5 ft. with 3" Spacing (Z-5480, Z-5140, Z-5141*, Z-61, Z-173*, Z-67-A*, Z-64, Z-5150, 5 Z-5155, Z-66, 4 Z-5156, 19 Z-65*, Z-5165, Z-5167)	Z-43**	Crank Wheel Complete as shipped (For 3" Spaced Knives) (Z-5103, Z-43, Z-5104, Z-5105*)
HH-13685*	Cutter Bar Complete 6 ft. with 3" Spacing (Z-5480, Z-5140, Z-5141*, Z-61, Z-173*, Z-67-A*, Z-64, Z-5151, 6 Z-5155, 5 Z-5156, 23 Z-65*, Z-5165, Z-5167, Z-66)	Z-65*	3" Guard with Z-5163
HH-13686*	Cutter Bar Complete 7 ft. with 3" Spacing (Z-5480, Z-5140, Z-5141*, Z-61, Z-173*, Z-67-A*, Z-64, Z-5152, 7 Z-5155, 6 Z-5156, 27 Z-65*, Z-5165, Z-5167, Z-66)	Z-66	Knife Clip—High
HH-14931*	Rock Guard Cutter Bar Complete, $4\frac{1}{2}$ ft. with 3" Spacing (Z-5141*, Z-173*, Z-167-A*, Z-5149, 17 Z-156*, Z-5165, Z-5480, Z-61, Z-5140, Z-64, Z-66, 5 Z-5155, 4 Z-5156, Z-5167)	Z-67A*	Outer Shoe with Z-5164
HH-14932*	Rock Guard Cutter Bar Complete, 5 ft. with 3" Spacing (Z-5141*, Z-173*,	Z-156*	3" Rock Guard with Z-5163 Ledger Plate
		Z-5149	Cutter Bar only, $4\frac{1}{2}$ foot—for 3" Spacing
		Z-5150	Cutter Bar only, 5 foot—for 3" Spacing
		Z-5151	Cutter Bar only, 6 foot—for 3" Spacing
		Z-5152	Cutter Bar only, 7 foot—for 3" Spacing
		Z-5155	Knife Wear Plate
		Z-5156	Knife Clip
		Z-5157	Knife Head for 3" Spaced Knife
		Z-5158	3" Section (smooth) for Knife Bar (packed in boxes of 25 each)
		Z-5163	Ledger Plate for 3" Guards (packed in boxes of 25 each)

OLIVER

No's. 101, 102, 103 and 104 Mowers—Continued

Part No.	Description	Part No.	Description
Z-5299*	4½ foot Mower Knife Complete with 3" Smooth Sections (Z-5157, 18 Z-5158, Z-5159)	Z-5435*	5 foot Mower Knife Complete with 3" Underserrated Sections (Z-5157, 20 Z-5433, Z-5160)
Z-5300*	5 foot Mower Knife Complete with 3" Smooth Sections (Z-5157, 20 Z-5158, Z-5160)	Z-5436*	6 foot Mower Knife Complete with 3" Underserrated Sections (Z-5157, 24 Z-5433, Z-5161)
Z-5301*	6 foot Mower Knife Complete with 3" Smooth Sections (Z-5157, 24 Z-5158, Z-5161)	Z-5437*	7 foot Mower Knife Complete with 3" Underserrated Sections (Z-5157, 28 Z-5433, Z-5162)
Z-5302*	7 foot Mower Knife Complete with 3" Smooth Sections (Z-5157, 28 Z-5158, Z-5162)	9028*	Pound Box No. 6 (13/64")x1¼" Csk. Head Mower Bar Rivets in Outer Shoe and Ledger Plate
Z-5433	3" Underserrated Section for Knife Bar (packed in boxes of 25 each)	9228	⅞x1½" Guard Bolt in Cutter Bar, Guard Wear Plate and High Knife Clip
Z-5434*	4½ foot Mower Knife Complete with 3" Underserrated Sections (Z-5157, 18 Z-5433, Z-5159)		

No's. 1, 2, 3 and 4 Mowers

4½, 5, 6 and 7 Foot—Plain Lift, 4½, 5 and 6 Foot—Vertical Lift Cutter Bars with 3" Spacing

Part No.	Description	Part No.	Description
CP-1288	Screw Plug for Z-5182 Lift Spring	Z-30*	Main Wheel 4¼x34" with 7333 for No. 1 Mower
CP-5620	Spring for Gear Case Cover Lock	Z-32	Drive Gear and L.H. Pawl Holder
CP-5689	Gear Case Cover Lock (OHB Rivet ⅞x2¾" with ¼x1¼" Cotter)	Z-33	Drive (Spur) Pinion (works with Z-32)
DP-5122	Latch Wire for Tilt Lever	Z-34*	Bevel Gear with 7333 Alemite P.T. Fitting
DP-5123	Latch Wire for Main Lever	Z-35	Bevel Pinion
EP-710	Latch for Lever	Z-36	Drive Clutch
F-202	Singletree Hook—R.H.	Z-37	Clutch Shaft Bearing
F-203	Singletree Hook—L.H.	Z-38	Clutch Shaft Cap, R.H.
HH-13683*	Cutter Bar Complete 4½ ft. with 3" Spacing (Z-5480, Z-5140, Z-5141*, Z-61, Z-173*, Z-67-A*, Z-64, Z-5149, 5 Z-5155, 4 Z-5156, 17 Z-65*, Z-5165, Z-5167, Z-66)	Z-39	Clutch Shaft Cap, L.H.
HH-13684*	Cutter Bar Complete 5 ft. with 3" Spacing (Z-5480, Z-5140, Z-5141*, Z-61, Z-173*, Z-67-A*, Z-64, Z-5150, 5 Z-5155, Z-66, 4 Z-5156, 19 Z-65*, Z-5165, Z-5167)	Z-40	Gear Cover
HH-13685*	Cutter Bar Complete 6 ft. with 3" Spacing (Z-5480, Z-5140, Z-5141*, Z-61, Z-173*, Z-67-A*, Z-64, Z-5151, 6 Z-5155, 5 Z-5156, 23 Z-65*, Z-5165, Z-5167, Z-66)	Z-41-X	Pawl Holder, R.H.
HH-13686*	Cutter Bar Complete 7 ft. with 3" Spacing (Z-5480, Z-5140, Z-5141*, Z-61, Z-173*, Z-67-A*, Z-64, Z-5152, 7 Z-5155, 6 Z-5156, 27 Z-65*, Z-5165, Z-5167, Z-66)	Z-42	Drive Pawl for Main Wheels
HH-14931*	Rock Guard Cutter Bar Complete, 4½ ft. with 3" Spacing (Z-5141*, Z-173*, Z-67-A*, 17 Z-156*, Z-5149, Z-5165, Z-5480, Z-5140, Z-61, Z-64, Z-66, 5 Z-5155, 4 Z-5156, Z-5167)	Z-43*	Crank Wheel Complete (For 3" Spaced Knives) (Z-5105*, and Z-43)
HH-14932*	Rock Guard Cutter Bar Complete 5 ft. with 3" Spacing (Z-5141*, Z-173*, Z-67-A*, 19 Z-156*, Z-5150, Z-5165, Z-5480, Z-5140, Z-61, Z-64, Z-66, 5 Z-5155, 4 Z-5156, Z-5167)	Z-43**	Crank Wheel Complete as shipped (For 3" Spaced Knives) (Z-43, Z-5105*, Z-5104, Z-5103)
RC-5697	Pin in Lever and Rod Adj. End (OHB Rivet ¾x1½" with ⅞x1" Cotter)	Z-44A	Crank Wheel Shield and Brace Adjustable End
RP-17	Plunger Spring Box for Tilt Lever	Z-45	Main Axle Step Washer
RP-18	Plunger for Tilt Lever	Z-46	Crank Shaft Bushing (Front and Rear)
RP-245	Rocking Washer for Z-5182 Lift Spring	Z-47*	Clutch Shift Yoke with Z-5101 and Z-5025
RP-5413	Wrench, 8"	Z-48	Clutch Foot Lever
RP-5414	Wrench, 9¼"	Z-49	Clutch Shifter Shaft Bearing
RP-5415	Wrench, 10⅝"	Z-50	Crank Pin Nut ⅝" R.H.
Z-29*	Main Frame Complete (Z-29, Z-38, Z-39, 2 Z-46, Z-5135)	Z-51	Cup Horned Nut ½" R.H. on Crank Wheel Guard Bolt
		Z-52	Gear Guard Bracket
		Z-53	Main Lever Ratchet
		Z-54	Main Lever Socket with ¾x1½" C.P. Set Screw and ⅜" Hex. Jam Nut for Foot Trip, Lift Spring and Ratchet, R.H. Thread
		Z-55	Main Lever Pawl
		Z-56	Tilting Lever Ratchet (Sector)
		Z-57	Tilting Lever Rod Adjustable End
		Z-58	Lifting Yoke
		Z-59	Lifting Yoke Cam
		Z-60*	Lift Eyebolt Adjustor Complete (Z-60, 2 Z-5127)
		Z-61	Inner Shoe Arm
		Z-62A*	Inner Shoe with Z-5166—Repairs Only—Can be replaced by Z-173* and Z-5480
		Z-63	Draft Bracket
		Z-64	Knife Head Cap Rear

OLIVER

No's. 1, 2, 3 and 4 Series Mowers—Continued

Part No.	Description	Part No.	Description
Z-65*	3" Guard with Z-5163	Z-5119	Pole Plate
Z-66	Knife Clip—High	Z-5120	Lifting Link for Cutter Bar
Z-67A*	Outer Shoe with Z-5164	Z-5124	Lifting Cam Hinge Pin (OHB Rivet $\frac{3}{8} \times 2\frac{7}{8}$ " with $\frac{3}{8} \times 1\frac{1}{4}$ " Cotter)
Z-68-X	Inner Shoe Hinge	Z-5125	Lift Yoke Pin (OH Rivet $\frac{3}{4} \times 4$ " with $\frac{3}{8} \times 1$ " Cotter)
Z-69	Crank Nut $\frac{7}{8}$ " R.H. for Stay Rod	Z-5126	Lift Spring Clip
Z-70	Horned Nut $\frac{5}{8}$ " R.H. for Clutch Shifter Shaft	Z-5127	Inner Shoe Arm Lift Link
Z-71	Horned Nut $\frac{7}{8}$ " R.H. for Z-5173	Z-5128*	Gear Guard Complete (Z-52, Z-5128, Z-5129)
Z-72	Ratchet Nut $\frac{7}{8}$ " L.H. for Z-5174	Z-5129	Gear Guard Center Bracket
Z-73*	Pitman Bearing Complete with Z-74 Bushing and 7333 Alemite P.T. Fitting—Repairs only since Feb., 1933. Can be replaced by Z-154* and Z-44A. Single parts not interchangeable.	Z-5130	Seat Spring
Z-74	Pitman Bearing Bushing — Repairs only since Feb., 1933	Z-5131	Tool Box Cover
Z-75	Vertical Lift Cam	Z-5132	Tool Box Cover Hinge Pin (OH Rivet $5 \text{ Ga.} \times 5\frac{7}{8}$ " with $\frac{3}{8} \times \frac{3}{4}$ " Cotter)
Z-76	Clutch Shift Rod Eyebolt Adjustor for Vertical Lift	Z-5133	Tool Box Cover Latch
Z-118	Divider Bearing Plate	Z-5134	Tool Box Cover Latch Pin (OH Rivet $\frac{3}{8} \times 2\frac{3}{8}$ " with $\frac{3}{8} \times 1$ " Cotter)
Z-119	Horned Nut $\frac{1}{2}$ " R.H. for Z-5186*, or Z-5147* or Z-5460*	Z-5135	U Bolt for L.H. Bearing Cap
Z-147A	Pitman Wrench	Z-5136	Gear Cover Hinge Pin (OH Rivet $\frac{3}{8} \times 8\frac{1}{2}$ " with $\frac{1}{8} \times 1$ " Cotter)
Z-150*	Main Wheel (8x34" Wide Tire) with 7333 for No. 2 Mower	Z-5137	Foot Lift Lever
Z-154*	Pitman Bearing with Z-5423 and 7333	Z-5138	Inner Shoe Hinge Pin (w $\frac{3}{8} \times 1\frac{1}{4}$ Cotter)
Z-156*	3" Rock Guard with Z-5163 Ledger Plate	Z-5139	Inner Shoe Sole (Repairs Only)
Z-157*	Inner Shoe with Z-5442 and Z-5443 (Lespedeza)	Z-5140	Inner Shoe Guard Rod with $\frac{1}{2}$ " Sq. Nut
Z-158	Knife Head Cap—Rear (Lespedeza)	Z-5141*	Outer Shoe Sole with Z-5142
Z-164*	Main Wheel (3 $\frac{3}{4}$ x32"—Small) with 7333 for No. 4 Mower	Z-5142	Outer Shoe Sole Bracket
Z-173*	Inner Shoe with Z-5166 Wear Plate	Z-5144	Cutter Bar Stay Rod Holder and Pole Strap
Z-179	Seat Tilting Wedge with Bolt	Z-5146	Divider Sole
Z-5025	Clutch Yoke Shaft Rivet Pin	Z-5147*	Divider Spring Bolt (Carriage Bolt $\frac{1}{2} \times 3\frac{1}{2}$ " and $\frac{1}{8} \times 1$ " Cotter) with Z-119
Z-5089	Main Axle	Z-5148	Divider Extension Socket
Z-5090	Roller Bearing on Main Axle	Z-5149	Cutter Bar only, 4 $\frac{1}{2}$ foot—For 3" Spacing
Z-5091	Bearing Spacer on Main Axle	Z-5150	Cutter Bar only, 5 foot—For 3" Spacing
Z-5094	Clutch Shaft	Z-5151	Cutter Bar only, 6 foot—For 3" Spacing
Z-5095	Clutch Shaft Thrust Collar	Z-5152	Cutter Bar only, 7 foot—For 3" Spacing
Z-5096	Clutch Shaft Thrust Collar Rivet Pin	Z-5155	Knife Wear Plate
Z-5097	Bevel Gear Thrust Collar	Z-5156	Knife Clip
Z-5098	Bevel Gear Thrust Collar Rivet Pin	Z-5157	Knife Head for 3" Spaced Knife
Z-5099	Clutch Shaft Key	Z-5158	3" Section (smooth) for Knife Bar (packed in boxes of 25 each)
Z-5100	Clutch Shaft Shim Washer	Z-5163	Ledger Plate for 3" Guard (packed in boxes of 25 each)
Z-5101	Clutch Yoke Shaft	Z-5164	Ledger Plate for Outer Shoe
Z-5103	Crank Shaft	Z-5165	Knife Head Cap—Front
Z-5104	Crank Shaft Key	Z-5166	Knife Head Wear Plate—Front
Z-5105*	Crank Whl. Pin with Z-50 Nut for Pitman	Z-5167	Knife Head Wear Plate—Rear
Z-5106*	Crank Wheel Guard Bolt (Carriage Bolt $\frac{1}{2} \times 3\frac{1}{2}$ " less Nut) with Z-51 Cup Horned Nut and $\frac{1}{8} \times 1$ " Cotter	Z-5168	Pitman Strap—Front (Ball End)
Z-5107	Coupling Bar	Z-5169	Pitman Strap—Rear (Ball End)
Z-5108	Coupling Bar Collar	Z-5170	Pitman Strap—Upper (Bearing End)
Z-5109	Pin with $\frac{1}{8} \times \frac{3}{4}$ " Cotter for Coupling Bar Collar	Z-5171	Pitman Strap—Lower (Bearing End)
Z-5110	Coupling Bar Brace with $\frac{7}{8}$ " Hex. Jam Nut and $\frac{1}{4} \times 1\frac{1}{4}$ " Cotter	Z-5172	Pitman Nut Lock
Z-5111*	Main Lever with Z-5112 Hammer Strap	Z-5173*	Pitman Pivot Bolt R.H. Th'd (Carriage Bolt $\frac{3}{8} \times 3$ " and $\frac{1}{8} \times 1$ " Cotter) with Z-71
Z-5112	Main Lever Hammer Strap	Z-5174*	Pitman Clamp Bolt L.H. Th'd (Carriage Bolt $\frac{3}{8} \times 2\frac{1}{2}$ " with Z-72)
Z-5113*	Tilt Lever Complete (DP-5122, Z-5113, RP-17, RP-18, 999, 4998)	Z-5175	Clutch Rock Shaft with 3 $\frac{3}{8} \times 1$ " Cotters for Vertical Lift
Z-5114*	Tilting Lever Conn. Rod Complete with Z-57, $\frac{3}{8}$ " Hex. Jam Nut and $\frac{3}{8} \times 1$ " Cotter	Z-5176	Clutch Rock Shaft Eyebolt Bearing with $\frac{1}{2}$ " Sq. Nut for Vertical Lift
Z-5115	Draft Rod	Z-5177	Clutch Rock Shaft Roller for Vertical Lift
Z-5116	Draft Clevis	Z-5178	Clutch Rock Shaft Roller Guide for Vertical Lift
Z-5117	Draft Clevis Spring Bolt (Mach. Bolt $\frac{7}{8} \times 4\frac{1}{4}$ " with $\frac{3}{8} \times 1$ " Cotter)	Z-5179	Clutch Shifter Eyebolt with $\frac{3}{8}$ " Hex. Jam Nut for Vertical Lift
Z-5118	Draft Bracket and Pole Hinge Pin (OHB Rivet $\frac{1}{2} \times 5\frac{3}{4}$ " with $\frac{3}{8} \times 1$ " Cotter)		

OLIVER

No's. 1, 2, 3 and 4 Series Mowers—Continued

Part No.	Description	Part No.	Description
Z-5180	Stop with $\frac{5}{8}$ " Sq. Nut for Vertical Lift	999	Latch for Tilt Lever
Z-5181	Main Axle Rivet Pin, also for Driven Pinion	1053*	Singletree Straps (pair)
Z-5182*	Lift Spring Comp. with CP-1288, 7856 and RP-245	1678	Doubletree Bar
Z-5183	Spring for Clutch Yoke	1914*	Singletree Complete (1914, 2-6058, F-202, F-203)
Z-5184	Draft Clevis Spring	2251	Seat
Z-5185	Divider Spring	2380	Spring for Main Lever Pawl
Z-5186*	Pivot Bolt for Main Lever (Mach. Bolt $\frac{1}{2}$ x $2\frac{1}{2}$ " and $\frac{1}{8}$ x1" Cotter) with Z-119	3904*	Ferrule and Ring Complete
Z-5187	Pin for Inner Shoe Arm also for Foot Lever and Socket (OH Rivet $\frac{7}{8}$ x $1\frac{3}{8}$ " with $\frac{1}{8}$ x $1\frac{1}{4}$ " Cotter)	4998	Spring for Drive Pawls and Tool Box Latch also on Tilt Lever
Z-5188*	Cutter Bar Stay Rod and Eyebolt with Z-69	5275	Draft Clevis Pin (OHB Rivet $\frac{1}{2}$ x $2\frac{3}{4}$ " with $\frac{1}{8}$ x $1\frac{1}{8}$ " Cotter)
Z-5189	Pin for Vertical Lift Cam (OHB Rivet $\frac{3}{8}$ x $1\frac{1}{8}$ " with $\frac{1}{8}$ x1" Cotter)	6058	Singletree Clips (pair)
Z-5190	Lifting Chain with $\frac{1}{8}$ x1" Cotter	7332	Alemite P.T. Fitting in Z-5469*
Z-5217	Key for Main Axle	7333	Alemite P.T. Fitting $\frac{1}{8}$ " Straight
Z-5298	Divider Rivet Plate	7596	$\frac{3}{8}$ x $1\frac{1}{4}$ " Sq. Csk. Head Bolt in Inner Shoe, Front Knife Head Cap and Shims
Z-5299*	4 $\frac{1}{2}$ foot Mower Knife Complete with 3" Smooth Sections (Z-5157, 18 Z-5158, Z-5159)	7611	$\frac{1}{2}$ x $1\frac{3}{8}$ " Sq. Csk. Head Bolt in Inner Shoe and Cutter Bar (Lespedeza)
Z-5300*	5 foot Mower Knife Complete with 3" Smooth Sections (Z-5157, 20 Z-5158, Z-5160)	7617	$\frac{1}{2}$ x2" Sq. Csk. Head Bolt in Inner Shoe, Knife Head Cap—Rear, Cutter Bar and Shims (Lespedeza)
Z-5301*	6 foot Mower Knife Complete with 3" Smooth Section (Z-5157, 24 Z-5158, Z-5161)	7695	$\frac{1}{2}$ x $1\frac{5}{8}$ " Sq. Csk. Head Bolt in Inner Shoe and Cutter Bar
Z-5302*	7 foot Mower Knife Complete with 3" Smooth Sections (Z-5157, 28 Z-5158, Z-5162)	7856	$\frac{1}{2}$ x8" Machine Bolt Less Nut Threaded $6\frac{1}{2}$ " in Z-5182
Z-5407	3" Serrated Section for Knife Bar (packed in boxes of 25 each)	8018	$\frac{1}{2}$ x $1\frac{3}{4}$ " Carriage Bolt in Inner Shoe, Sole and Lift Arm
Z-5423	Pitman Bearing Cap for Z-154*	9024*	Pound Box $\frac{1}{4}$ x $1\frac{1}{8}$ " O.H. Rivets in Pitman Bar
Z-5429	Shim Washer on Axle	9025*	Pound Box $\frac{1}{4}$ x $2\frac{5}{8}$ " O.H. Rivets in Pitman Bar
Z-5432*	Hookbolt and Eyebolt Complete	9026*	Pound Box $\frac{1}{4}$ x $2\frac{1}{4}$ " O.H. Rivets in Pitman Bar
Z-5433	3" Underserrated Section for Knife Bar (packed in boxes of 25 each)	9028*	Pound Box No. 6 (13/64)x $1\frac{1}{4}$ " Csk. Hd. Mower Bar Rivets, in Guards, Outer Shoes and Ledger Plates
Z-5434*	4 $\frac{1}{2}$ foot Mower Knife Complete with 3" Underserrated Sections (Z-5157, 18 Z-5433, Z-5159)	9029*	Pound Box No. 6 (13/64)x $\frac{3}{4}$ " O.H. Mower Bar Rivets in Knife Back and Sections
Z-5435*	5 foot Mower Knife Complete with 3" Underserrated Sections (Z-5157, 20 Z-5433, Z-5160)	9030*	Pound Box No. 6 (13/64)x $\frac{7}{8}$ " O.H. Mower Bar Rivets in Knife Head and Sections
Z-5436*	6 foot Mower Knife Complete with 3" Underserrated Sections (Z-5157, 24 Z-5433, Z-5161)	9035	Oil Can
Z-5437*	7 foot Mower Knife Complete with 3" Underserrated Sections (Z-5157, 28 Z-5433, Z-5162)	9036	Punch
Z-5439	Slotted Washer for Neckyoke	9037	Chisel
Z-5443	Knife Head Cap—Front (Lespedeza)	9038	$\frac{1}{2}$ x $2\frac{1}{4}$ " Sq. Csk. Head Bolt in Inner Shoe, Rear Knife Head, Cap, Wear Plate, Cutter Bar and Shims
Z-5444	Sole for Inner Shoe (Lespedeza)	9039	$\frac{7}{8}$ x $1\frac{1}{8}$ " Guard Bolt in Cutter Bar and Guard. Also in Cutter Bar and Outer Shoe
Z-5460*	Spring Bolt $\frac{1}{2}$ x3" with Z-119 for Divider (Lespedeza)	9040	$\frac{7}{8}$ x $1\frac{7}{8}$ " Guard Bolt in Cutter Bar, Guards, Wear Plates and Clips
Z-5469*	Wheel Complete with Pneumatic Tire and 7332 for No. 3 Mower	9228	$\frac{7}{8}$ x $1\frac{5}{8}$ " Guard Bolt in Cutter Bar, Guard Wear Plate and High Knife Clip
Z-5480	Inner Shoe Sole	9261*	Pound Box No. 6 (13/64x $\frac{3}{4}$ " Csk. Head Mower Bar Rivet in Inner Shoe and Wear Plate and Outer Shoe and Ledger Plate
Z-9005*	Divider Board Complete (Z-5146, Z-5298, Z-118, Z-9005)	9262*	Pound Box No. 6 (13/64x $1\frac{1}{8}$ " Csk. Head Mower Bar Rivets in Sections, Head and Back (Lespedeza)
Z-9006	Divider Board Extension	9480	3 oz. Grease Gun
Z-9007*	Mower Pole Complete with 2 Z-5119	9481	5 oz. Grease Gun
Z-9015	Pitman Bar only	23809*	Wheel with 7332 Alemite Fitting for Z-5469*. (Less Tire, Tube and Protector)
Z-9015*	Pitman Bar Complete, less Bearing (Z-5168, Z-5169, Z-5170, Z-5171, Z-5172, Z-5173, Z-5174, Z-71, Z-72, Z-9015)		
Z-9017*	Neckyoke Complete with 2-3904*, Z-5432*, Z-5439)		

OLIVER

No's. 11, 12, 13 and 14 Mowers

4½, 5, 6 and 7 Foot—Plain Lift, 4½, 5 and 6 Foot—Vertical Lift Cutter Bars and Knives with 2½" Spacing

(For Balance of Parts See No's. 1, 2, 3 and 4 Mower List)

Part No.	Description	Part No.	Description
HH-15290*	Cutter Bar Complete 4½ ft. with 2½" Spacing (21 Z-166*, Z-5476, Z-5141*, Z-173*, Z-174*, Z-5167, Z-5165, Z-5480, Z-5140, Z-61, Z-64, Z-168, 4 Z-5472, 3 Z-5475)	Z-5481*	4½ ft. Mower Knife Complete with 2½" Smooth Sections (Z-5485, Z-5489 and 22 Z-5473)
HH-15291*	Cutter Bar Complete 5 ft. with 2½" Spacing (Z-5141*, Z-173*, Z-174*, Z-5167, 5 Z-5472, 4 Z-5475, 23 Z-166*, Z-5477, Z-5165, Z-5480, Z-5140, Z-61, Z-64, Z-168)	Z-5482*	5 ft. Mower Knife Complete with 2½" Smooth Sections (Z-5486, Z-5489 and 24 Z-5473)
HH-15292*	Cutter Bar Complete 6 ft. with 2½" Spacing (Z-5141*, Z-173*, Z-174*, Z-5167, 6 Z-5472, 5 Z-5475, 28 Z-166*, Z-5478, Z-5165, Z-5480, Z-5140, Z-61, Z-168, Z-64)	Z-5483*	6 ft. Mower Knife Complete with 2½" Smooth Sections (Z-5487, Z-5489 and 29 Z-5473)
HH-15293*	Cutter Bar Complete 7 ft. with 2½" Spacing (Z-5141*, Z-173*, Z-174*, Z-5479, 32 Z-166*, Z-5165, Z-5480, Z-61, Z-5140, Z-64, Z-168, 7 Z-5472, 6 Z-5475, Z-5167)	Z-5484*	7 ft. Mower Knife Complete with 2½" Smooth Sections (Z-5488, Z-5489 and 33 Z-5473)
Z-163*	Crank Wheel Complete (For 2½" Spaced Knives) with Z-5105*	Z-5489	Knife Head For 2½" Spaced Knife
Z-163**	Crank Wheel Complete as Shipped (For 2½" Spaced Knives) with Z-5103, Z-5104 and Z-5105*)	Z-5538	2½" Underserrated Section (Packed in Boxes of 25 each)
Z-166*	2½" Guard with Z-5474 Ledger Plate	Z-5539*	4½ ft. Mower Knife Complete with 2½" Underserrated Sections (Z-5485, Z-5489, 22 Z-5538)
Z-168	Knife Clip—High	Z-5540*	5 ft. Mower Knife Complete with 2½" Underserrated Sections (Z-5486, Z-5489, 24 Z-5538)
Z-174*	Outer Shoe with Z-5164 Ledger Plate	Z-5541*	6 ft. Mower Knife Complete with 2½" Underserrated Sections (Z-5487, Z-5489, 29 Z-5538)
Z-5472	Knife Wear Plate	Z-5542*	7 ft. Mower Knife Complete with 2½" Underserrated Sections (Z-5488, Z-5489, 33 Z-5538)
Z-5473	2½" Smooth Section (Packed in Boxes of 25)	9262*	Pound Box No. 6 (13/64)x1½" Csk. Head Mower Bar Rivets in Outer Shoe and Ledger Plate
Z-5474	Ledger Plate for Z-166 Guard (Packed in Boxes of 25)	9375*	Pound Box No. 6 (13/64)x1" Csk. Head Mower Bar Rivets in Guards and Plates
Z-5475	Knife Clip	9376	⅞x1⅞" Hard Bright Guard Bolt in Cutter Bar and Guard
Z-5476	Cutter Bar only, 4½ ft. for 2½" Spacing	9377	⅞x1⅞" Hard Bright Guard Bolt in Cutter Bar, Guards, Wear Plate and Clips
Z-5477	Cutter Bar only, 5 ft. for 2½" Spacing		
Z-5478	Cutter Bar only, 6 ft. for 2½" Spacing		
Z-5479	Cutter Bar only, 7 ft. for 2½" Spacing		

IMPROVED TRACTOR HITCH FOR PLAIN AND VERTICAL LIFT MOWERS

Part No.	Description	Part No.	Description
DH-6207	Pin in Draw Bar for Tractor	Z-5179	Clutch Shifter Eyebolt with ⅞" Hex. Jam Nut for Vertical Lift
EP-586	Hand Grip for Tractor	Z-5189	Pin for Vertical Lift Cam (O.H. Rivet ⅝x1½" with ⅞x1" Cotter)
SC-5028	Pin in Rear Hammer Strap, Draw Bar and Bent Yoke (O.H. Rivet ½x2¼" with ⅞x1" Cotter)	Z-5412	Main Lever
Z-75	Vertical Lift Cam	Z-5413	Stub Trip Lever
Z-76	Clutch Shift Rod Eyebolt Adjustor for Vertical Lift	Z-5414	Main Lever and Stub Trip Lever Connecting Rod W/2⅞x1" Cotters
Z-151	Main Lever End	Z-5415	Pole Plate for Pole and Lever Bearing
Z-152	Main Lever Bearing and Stop	Z-5416	Hitch Bar, Upper—Old Style
Z-153	Main Lever Pawl	Z-5417	Hitch Bar, Lower—Old Style
Z-5115	Draft Rod	Z-5418	Plate on Top of Pole—Old Style
Z-5119	Pole Wear Plate	Z-5500	Draw Bar
Z-5175	Clutch Rock Shaft with 3⅞x1" Cotters for Vertical Lift	Z-5501	Hammer Strap—Rear for Draw Bar
Z-5176	Clutch Rock Shaft Eyebolt Bearing with ½" sq. Nut for Vertical Lift	Z-5502	Hammer Strap—Front for Draw Bar
Z-5177	Clutch Rock Shaft Roller for Vertical Lift	Z-5503	Draw Bar Guide
Z-5178	Clutch Rock Shaft Roller Guide for Vertical Lift	Z-5504	Upper Bracket for Guide
		Z-5505	Lower Bracket for Guide
		Z-5506*	Draft Yoke Complete with Z-5507
		Z-5507	Draft Yoke—Straight (See Z-5506*)
		Z-9032*	Pole with 2 Z-5119 for Tractor
		8491	Trip Rope

OLIVER

BIRD FLUSHING ATTACHMENT

Part No.	Description	Part No.	Description
Z-5419	Bird Flushing Pipe Bar	Z-5421	Bird Flushing Eyebolt with $\frac{7}{8}$ " sq. Nut
Z-5420	Bird Flushing Rod	Z-5422	Bird Flushing Eyebolt Clamp Strap

HIGH CUTTING ATTACHMENT

Part No.	Description	Part No.	Description
GX-38	Hand Wheel	Z-5530	Hold Up Hook
Z-5528*	Outer Shoe High Sole with Z-5529 Bracket	Z-5531	Pole Strap and Hook Bracket—Upper
Z-5529	Bracket on Outer Shoe High Sole (See Z-5528*)	Z-5532	Pole Strap—Lower

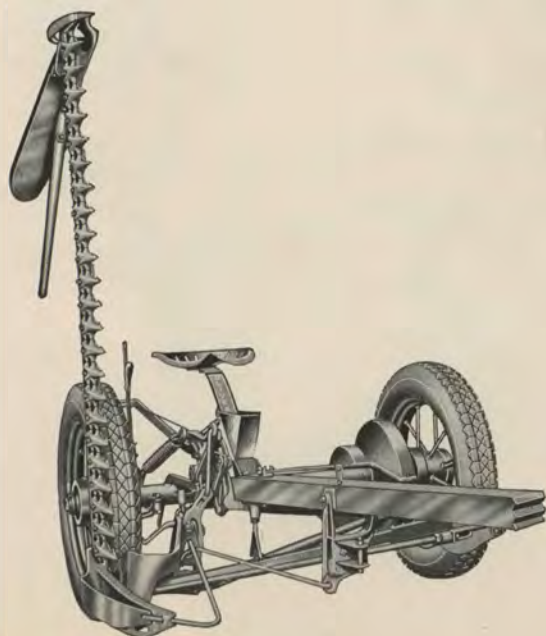
ONE HORSE HITCH ATTACHMENT

Part No.	Description	Part No.	Description
F-202	Singletree Hook, R.H.	Z-9019*	Thill with 998 Loop and Bolts
F-203	Singletree Hook, L.H.	Z-9020	Stub Pole
Z-5119	Draft Bracket—Hinge Pin Plate	998	Loop for Hold Back Strap
Z-5424	Thill and Stub Pole Bracket	3991*	Singletree Complete (2-6058, F-202, F-203)
Z-5425	Thill Cross Support Bar	6058	Singletree Clip
Z-5426	Thill and Support Bar Corner Brace		
Z-5427	One Horse Draft Rod		

MOWER FORECARRIAGE

Part No.	Description	Part No.	Description
CK-50	Threaded Knuckle with $\frac{1}{4}$ x1" Cotter on Wheel Control Rods	PT-5082	Arch Brace—Rear
MD-34	Sand Band with $\frac{1}{8}$ x2 $\frac{1}{4}$ " Cotter on Axle	PT-5083	Wheel Control Rod
MD-37	Step Collar on End of Axle	PT-5084	Pin with 2 $\frac{1}{4}$ x1 $\frac{1}{4}$ " Cotters in Swivel Bracket, Swivel Casting and Arch
MD-44	Forecarriage Wheel	PT-5130	Vertical Clevis Pin with $\frac{1}{8}$ x1" Cotter
MD-45*	Wheel Box and Hub with No. 7333	Z-162	Vertical Clevis and Bracket for Pole Straps
PT-37	Swivel Casting	Z-5463	Swivel Bracket for Stub Pole
PT-5078	Arch	Z-5464	Pole Side Strap
PT-5079	Arch Axle Bearing	Z-5465	Draft Rod Arm
PT-5080	Forecarriage Wheel Axle, R.H. with $\frac{1}{4}$ x1 $\frac{3}{4}$ " Cotter	Z-5468	Front Draft Rod
PT-5081	Forecarriage Wheel Axle, L.H. with $\frac{1}{4}$ x1 $\frac{3}{4}$ " Cotter	Z-9030	Forecarriage Pole
		Z-9031	Stub Pole for Forecarriage
		7333	Alemite P.T. Fitting

OLIVER RUBBER TIRED MOWERS



For work along highways and byways, use an Oliver Rubber Tired Mower. Here is the regular, long-lived Oliver mower with equipment that fits it for road work, and for the many other jobs where rubber tires are a necessity.

The attachment for converting the Oliver Mower to a pneumatic tire mower consists of the addition of a special steel wheel (No. Z-5469) with steel rim—built extra strong—with staggered steel spokes and 5.25"x21" balloon tires.

This mower will meet the requirements of the most particular prospect. It is standard Oliver quality throughout.

Flushing Bar

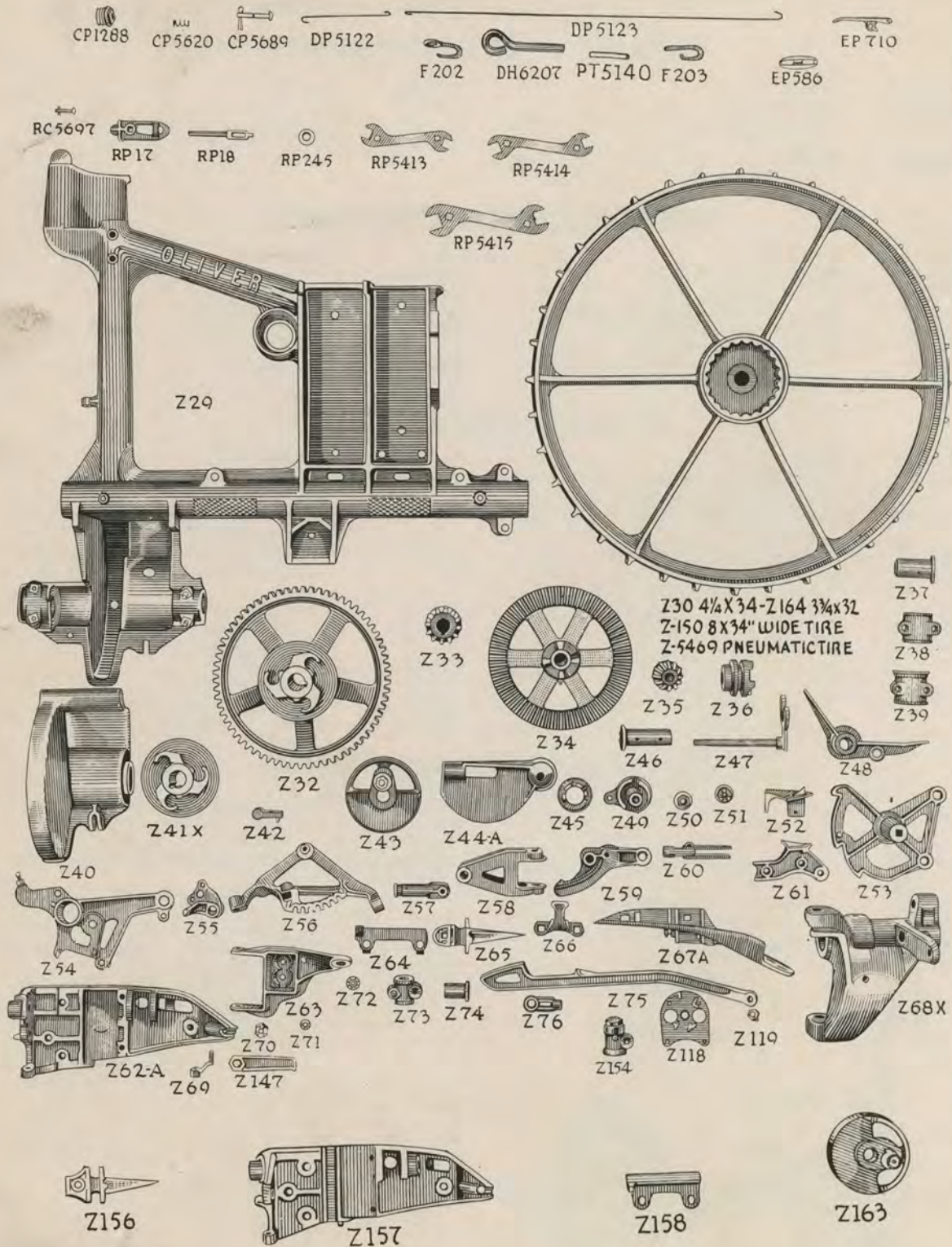
A flushing bar—which as its name implies—flushes birds and game from in front of the mower cutter bar, can be supplied as extra equipment. It meets with the approval of the American Game Association and will assist very materially in conserving the wild game and bird life in the community.

For One Horse

Shafts or thills can be supplied so that the Oliver mower may be used with one horse. The Oliver is a light running machine and, where the going is not too heavy, many owners are using one horse satisfactorily. Under ordinary conditions, of course, the majority of farmers will prefer the standard pole for use with two horses.

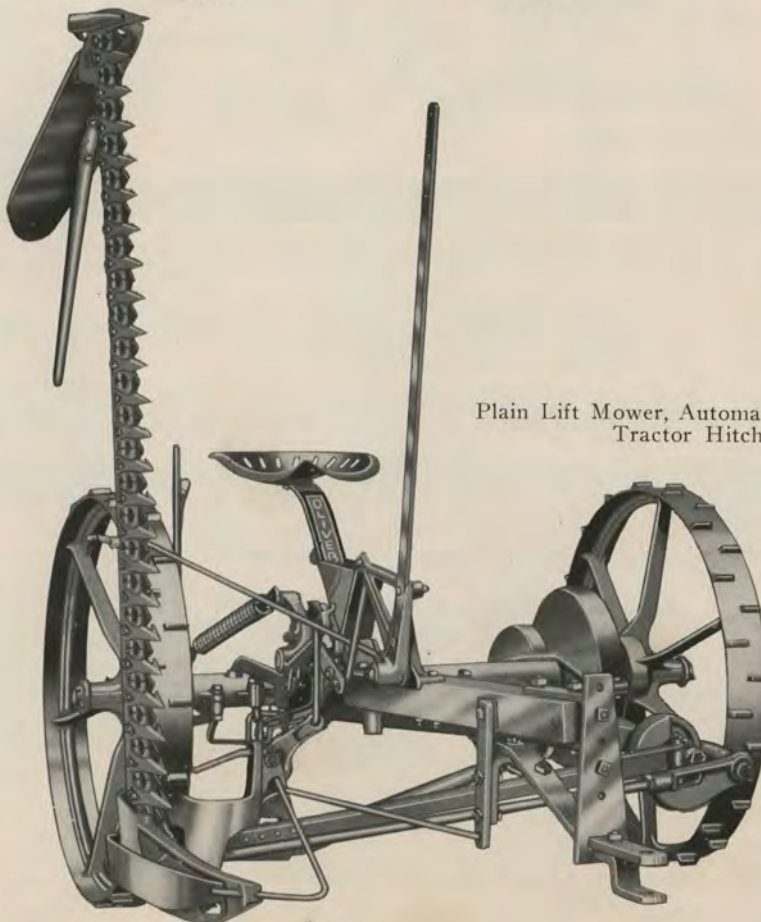
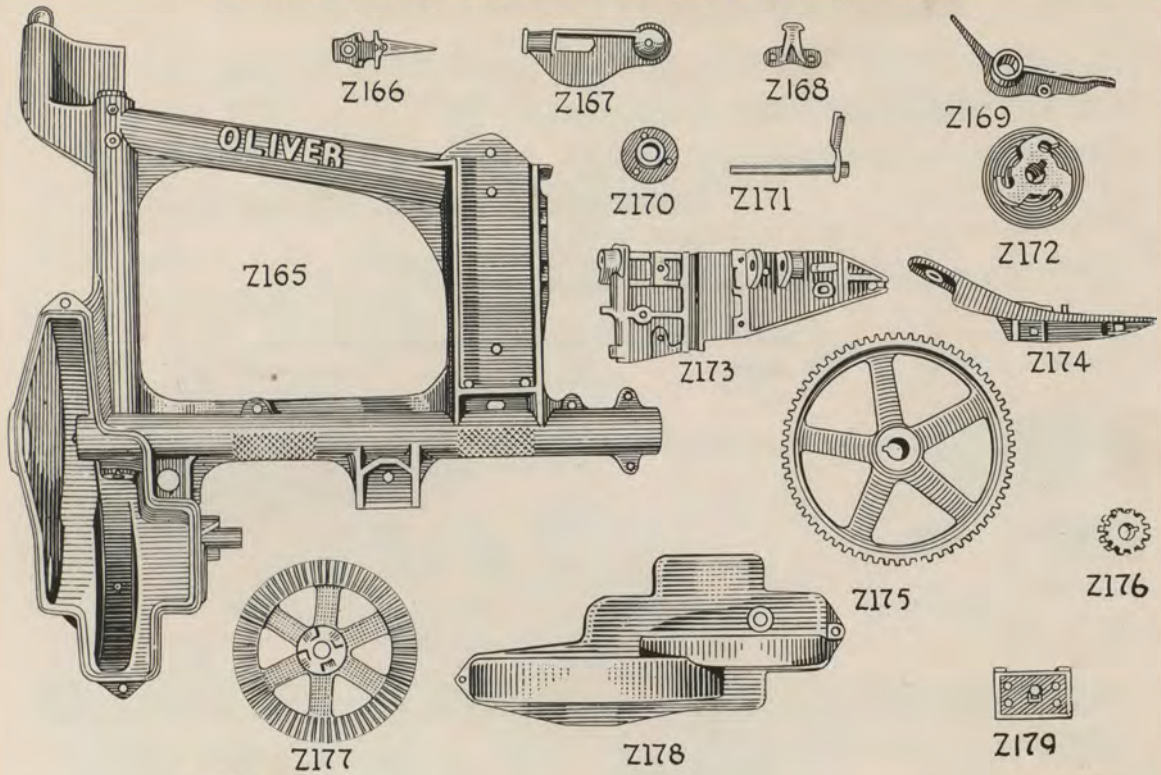
OLIVER

ILLUSTRATED PLATE OF PARTS FOR MOWER



OLIVER

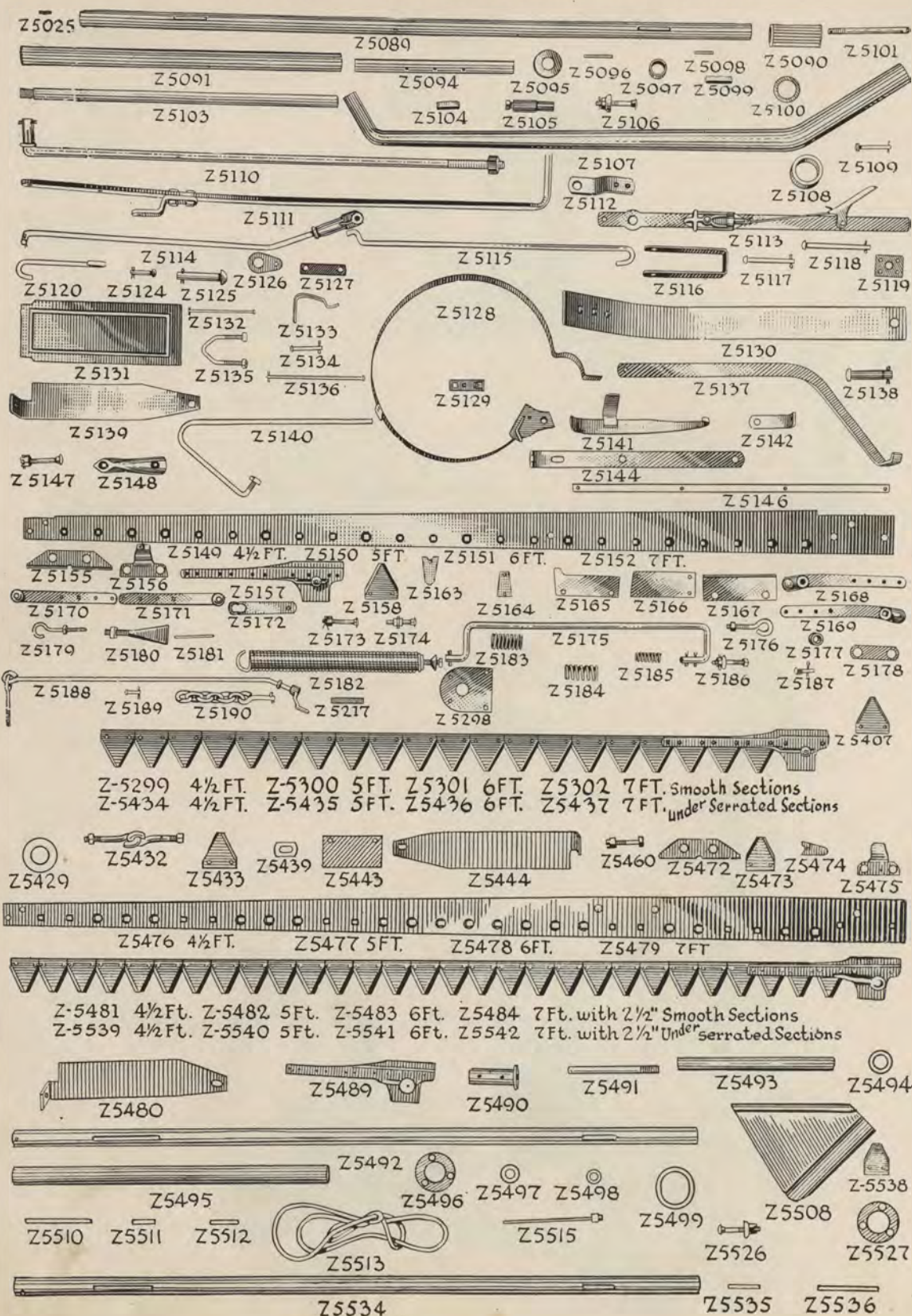
ILLUSTRATED PLATE OF PARTS FOR MOWER



Plain Lift Mower, Automatic Throwout,
Tractor Hitch.

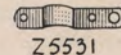
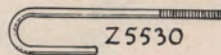
OLIVER

ILLUSTRATED PLATE OF PARTS FOR MOWER

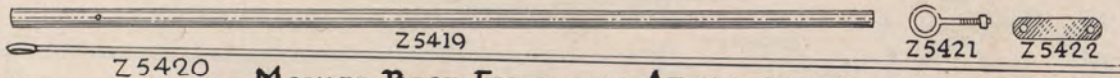


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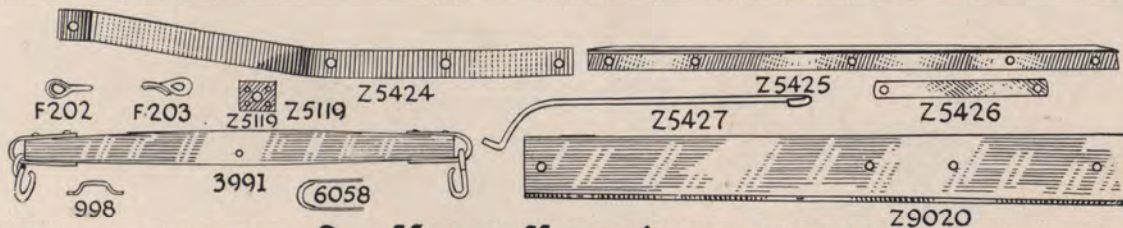
ILLUSTRATED PLATE OF PARTS FOR MOWER



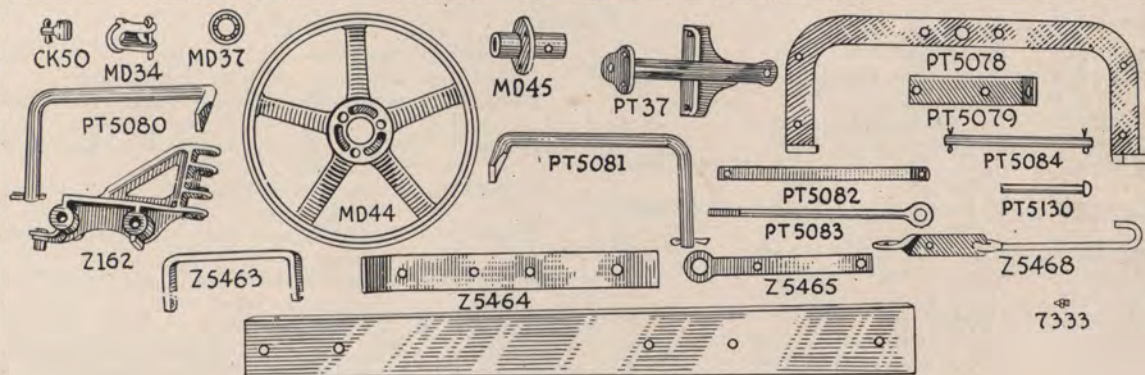
HIGH CUTTING ATTACHMENT



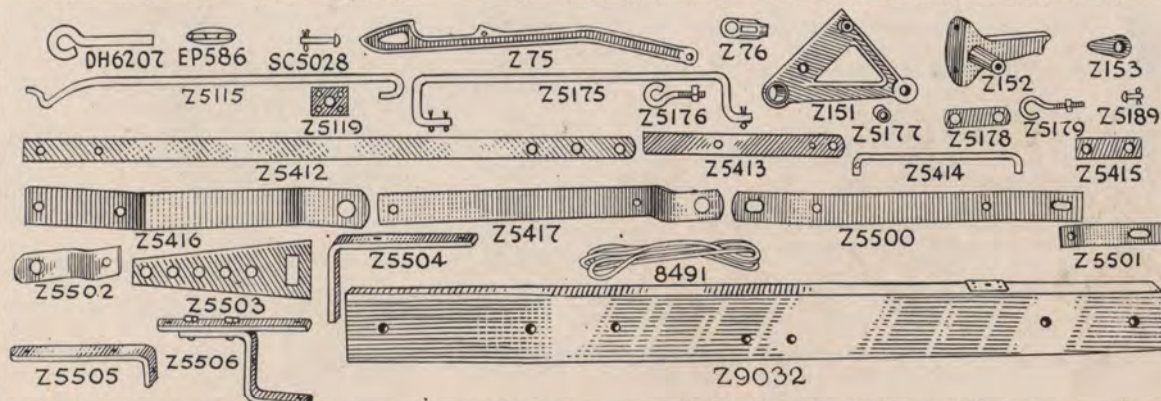
MOWER BIRD FLUSHING ATTACHMENT



ONE HORSE HITCH ATTACHMENT



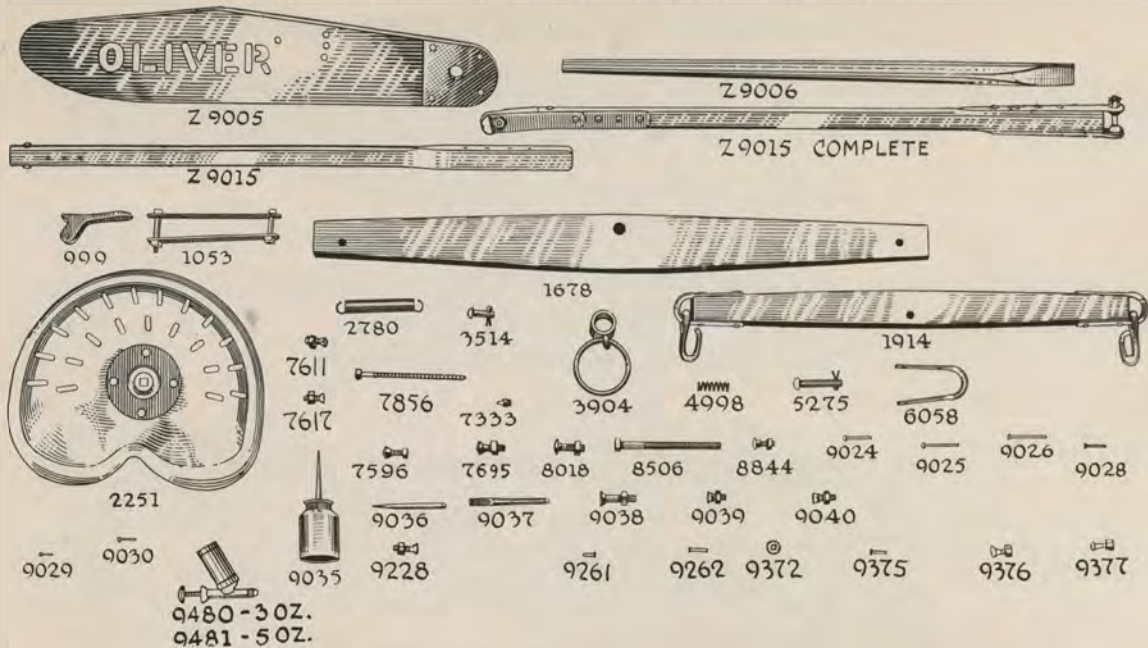
No 1 MOWER FORECARRIAGE



No 1 and No 1V MOWER IMPROVED TRACTOR HITCHES

OLIVER

ILLUSTRATED PLATE OF PARTS FOR MOWER



No's. 8-20, 8-24, 9-24, 9-30, 10-26, 10-32, 12-32 and 12-40 Series Self Dump Rakes

Part No.	Description	Part No.	Description
C-334	Bushing on Guard Tooth Bolt (Pipe)	Z-5002	Shoulder Pin with $\frac{3}{8}$ x1" Cotter
CP-240-B	Wheel Cap	Z-5003	Front Frame Rear Angle Bar 8 ft. Rake
F-202	Singletree Hook, R. H.	Z-5004	Front Frame Rear Angle Bar 9 ft. Rake
F-203	Singletree Hook, L. H.	Z-5005	Front Frame Rear Angle Bar 10 ft. Rake
RC-348	Screw Plug in RC-6025 Extension Spring	Z-5006	Front Frame Rear Angle Bar 12 ft. Rake
RC-6025*	Extension Spring with RC-348 Screw Plug	Z-5007	Front Frame Front Angle Bar
RP-307	Step Washer for Wheels	Z-5008	Bracket for Trip Lever
RP-5412	Wrench, $6\frac{7}{8}$ "	Z-5009	Trip Lever Link
RP-5413	Wrench, 8"	Z-5010	Pin in Lever and Link (OHV Rivet $\frac{1}{8}$ x1 $\frac{3}{4}$ " with $\frac{1}{8}$ x1" Cotter)
RP-5414	Wrench, $9\frac{1}{4}$ "	Z-5011*	Lift Lever Complete (Z-5011, Z-25)
Z-10	Guard Rod Eyebolt Clip	Z-5012*	Drag Link Complete (Z-5012, Z-5013)
Z-11-A	Clutch Rod Inside Guide	Z-5013	Drag Link Jaw
Z-12	Clutch Rod Outside Guide	Z-5014	Spreader in Drag Pedal Bracket (Pipe)
Z-13	Hinge Bracket	Z-5016	Hammer Strap—Repairs Only Since 1934
Z-14	Truss Rod Anchor, R. H. 9, 10 and 12 ft. Rakes	Z-5017	Lock Hook for Lift Lever
Z-15	Truss Rod Anchor, L. H. 9, 10 and 12 ft. Rakes	Z-5019*	Tooth Angle Bar Complete (Z-5019, 2 Z-13, Z-19) 8 ft. Rake
Z-16	Pivot Bracket for Drag Pedal	Z-5020*	Tooth Angle Bar Complete (Z-5020, 2 Z-13, Z-19) 9 ft. Rake
Z-17	Adjustable Stop	Z-5021*	Tooth Angle Bar Complete (Z-5021, 2 Z-13, Z-19) 10 ft. Rake
Z-18-A*	Trip Dog Complete (2 Z-5024, 2 Z-5025, Z-18)	Z-5022*	Tooth Angle Bar Complete (Z-5022, 2 Z-13, Z-19) 12 ft. Rake
Z-19	Trip Dog Bearing	Z-5023	Pin in Dog for Trip Link with 2 $\frac{1}{8}$ x $\frac{3}{4}$ " Cotters
Z-20	Axle Bracket, R. H.	Z-5024	Pin in Trip Dog for Clutch Rod with $\frac{1}{8}$ x $\frac{3}{4}$ " Cotters
Z-21	Axle Bracket, L. H.	Z-5025	Rivet Pin in Trip Dog and Pivot Pin
Z-22	Foot Trip Lever	Z-5026	Pivot Pin in Trip Dog and Bearing
Z-23	Wheel Box	Z-5027	Strap for U Bolt. 8 ft. Rake
Z-24	Pole Extension for 12 ft. Rake	Z-5028	Truss Rod with 2 $\frac{7}{8}$ " Sq. Nuts. 9 ft. Rake
Z-25-A	Lever End (for Complete Lever see Z-5011*)	Z-5029	Truss Rod with 2 $\frac{7}{8}$ " Sq. Nuts. 10 ft. Rake
Z-26	Front Frame Hinge Arm		
Z-27	Front Frame Center Hinge Arm for 12 ft. Rake		
Z-28-B*	Foot Pedal for Drag Link with Z-5518, $\frac{1}{2}$ x1 $\frac{1}{4}$ " O. P. Set Screw and $\frac{1}{2}$ " Hexagon Jam Nut		
Z-5001*	Center Frame Brace Complete (Z-5001, Z-5002, Z-5008) Repairs Only Since 1934 Will Interchange with Z-5516* and Z-5517		

OLIVER

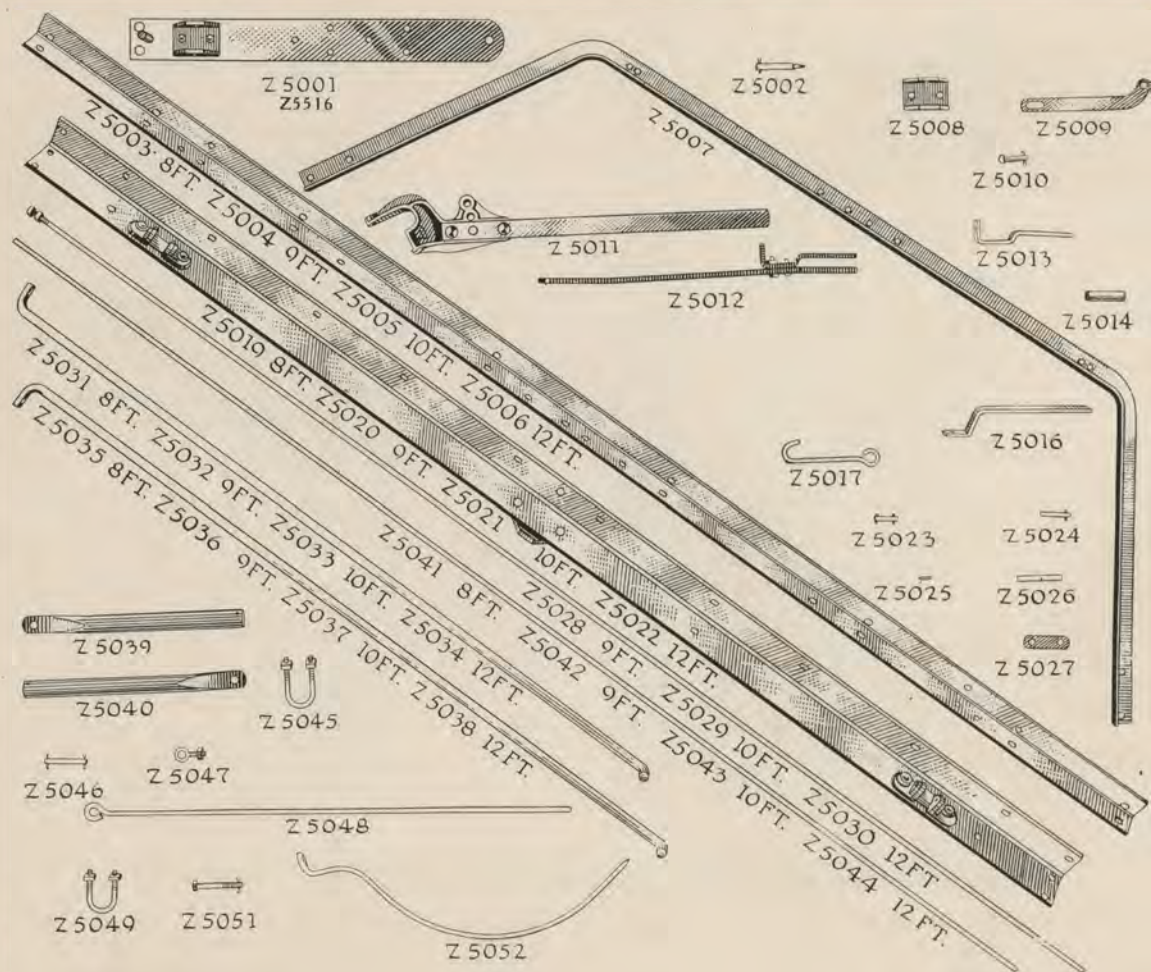
No's. 8-20, 8-24, 9-24, 9-30, 10-26, 10-32, 12-32 and 12-40 Series Self Dump Rakes—Continued

Part No.	Description	Part No.	Description
Z-5030	Truss Rod with 2 $\frac{1}{8}$ " Sq. Nuts. 12 ft. Rake	Z-5070	Tooth Holder, L. H., for 25/64" 32 Tooth 10 and 12 ft. Rakes
Z-5031	Clutch Rod, R. H. 8 ft. Rake	Z-5071	Tooth Holder, R. H., for $\frac{1}{8}$ " 32 Tooth 10 and 12 ft. Rakes
Z-5032	Clutch Rod, R. H. 9 ft. Rake	Z-5072	Tooth Holder, L. H., for $\frac{1}{8}$ " 32 Tooth 10 and 12 ft. Rakes
Z-5033	Clutch Rod, R. H. 10 ft. Rake	Z-5073	Tooth Holder, R. H., for 25/64" 26 Tooth 10 and 12 ft. Rakes
Z-5034	Clutch Rod, R. H. 12 ft. Rake	Z-5074	Tooth Holder, L. H., for 25/64" 26 Tooth 10 and 12 ft. Rakes
Z-5035	Clutch Rod, L. H. 8 ft. Rake	Z-5075	Tooth Holder, R. H., for $\frac{1}{8}$ " 26 Tooth 10 and 12 ft. Rakes
Z-5036	Clutch Rod, L. H. 9 ft. Rake	Z-5076	Tooth Holder, L. H., for $\frac{1}{8}$ " 26 Tooth 10 and 12 ft. Rakes
Z-5037	Clutch Rod, L. H. 10 ft. Rake	Z-5077	Tooth Holder Extension for 25/64" 40 Tooth 12 ft. Rake
Z-5038	Clutch Rod, L. H. 12 ft. Rake	Z-5078	Tooth Holder Extension for $\frac{1}{8}$ " 40 Tooth 12 ft. Rake
Z-5039	R. H. Axle	Z-5079	Tooth Holder Extension for 25/64" 32 Tooth 12 ft. Rake
Z-5040	L. H. Axle	Z-5080	Tooth Holder Extension for $\frac{1}{8}$ " 32 Tooth 12 ft. Rake
Z-5041	Stripper Rod Tie Bar. 8 ft. Rake	Z-5081	Rake Tooth (Single Coil (25/64") Flat Runner Point)
Z-5042	Stripper Rod Tie Bar. 9 ft. Rake	Z-5082	Rake Tooth (Single Coil ($\frac{1}{8}$ ") Flat Runner Point)
Z-5043	Stripper Rod Tie Bar. 10 ft. Rake	Z-5083	Rake Tooth (Single Coil (25/64") Round Pencil Point)
Z-5044	Stripper Rod Tie Bar. 12 ft. Rake	Z-5084	Rake Tooth (Single Coil ($\frac{1}{8}$ ") Round Pencil Point)
Z-5045	U Bolt for Axle. 9, 10 and 12 ft. Rakes	Z-5085	Rake Tooth (Double Coil (25/64") Flat Runner Point)
Z-5046	Hinge Pin for Hinge Arm and Bracket with 2 $\frac{3}{8}$ x $\frac{3}{4}$ " Cotters	Z-5086	Rake Tooth (Double Coil ($\frac{1}{8}$ ") Flat Runner Point)
Z-5047	Eyebolt with $\frac{1}{8}$ " Sq. Nut for Tie Rod Stripper Rod	Z-5087	Rake Tooth (Double Coil (25/64") Round Pencil Point)
Z-5048	U Bolt for Axle. 8 ft. Rake	Z-5088	Rake Tooth (Double Coil ($\frac{1}{8}$ ") Round Pencil Point)
Z-5049	Pin (Machine Bolt $\frac{1}{2}$ x $\frac{3}{4}$ " less Nut with $\frac{1}{8}$ x1" Cotter)	Z-5404*	Wheel Complete, 54" (Regular) (6501, CP-240-B, Z-23, RP-307)
Z-5051	Wheel Guard Tooth (special on order)	Z-5405*	Wheel Complete, 54" (Mountain Type) (6501, CP-240-B, Z-23, RP-307)
Z-5052	Tooth Holder, R. H., for 25/64" 24 Tooth 8 ft. Rake	Z-5516*	Center Frame Brace Complete (Z-5002, Z-5008, Z-5516)
Z-5053	Tooth Holder, L. H., for 25/64" 24 Tooth 8 ft. Rake	Z-5517	Hammer Strap
Z-5054	Tooth Holder, R. H., for $\frac{1}{8}$ " 24 Tooth 8 ft. Rake	Z-5518	Pin in Z-28-B Foot Pedal
Z-5055	Tooth Holder, L. H., for $\frac{1}{8}$ " 24 Tooth 8 ft. Rake	Z-5521	Seat Spring
Z-5056	Tooth Holder, R. H., for 25/64" 20 Tooth 8 ft. Rake	Z-9001	Pole (2 used) 8, 9 and 10 ft. Rakes
Z-5057	Tooth Holder, L. H., for 25/64" 20 Tooth 8 ft. Rake	Z-9002	Pole (2 used) 12 ft. Rake
Z-5058	Tooth Holder, R. H., for $\frac{1}{8}$ " 20 Tooth 8 ft. Rake	Z-9004	Pole Extension. 8, 9 and 10 ft. Rakes
Z-5059	Tooth Holder, L. H., for $\frac{1}{8}$ " 20 Tooth 8 ft. Rake	2251	Seat
Z-5060	Tooth Holder, R. H., for 25/64" 30 Tooth 9 ft. Rake	3991*	Singletree Complete (2-6058, F-202, F-203)
Z-5061	Tooth Holder, L. H., for 25/64" 30 Tooth 9 ft. Rake	4998	Compression Spg. on Z-5002 Shoulder Pin
Z-5062	Tooth Holder, R. H., for $\frac{1}{8}$ " 30 Tooth 9 ft. Rake	5275	Pin for Trip Lever and Bracket O. H. Rivet $\frac{1}{2}$ x $\frac{3}{4}$ " with $\frac{1}{8}$ x1 $\frac{1}{8}$ " Cotter
Z-5063	Tooth Holder, L. H., for $\frac{1}{8}$ " 30 Tooth 9 ft. Rake	6058	Singletree Clip
Z-5064	Tooth Holder, R. H., for 25/64" 24 Tooth 9 ft. Rake	6501	Linch Pin for Wheels
Z-5065	Tooth Holder, L. H., for 25/64" 24 Tooth 9 ft. Rake	9219	Machine Bolt, $\frac{1}{8}$ x4", less Nut. Full Thread, in RC-348 Screw Plug
Z-5066	Tooth Holder, R. H., for $\frac{1}{8}$ " 24 Tooth 9 ft. Rake		
Z-5067	Tooth Holder, L. H., for $\frac{1}{8}$ " 24 Tooth 9 ft. Rake		
Z-5068	Tooth Holder, R. H., for 25/64" 32 Tooth 10 and 12 ft. Rakes		
Z-5069	Tooth Holder, L. H., for 25/64" 32 Tooth 10 and 12 ft. Rakes		

No. 66 Doubletree Less One Singletree and No. 5 Neckyoke

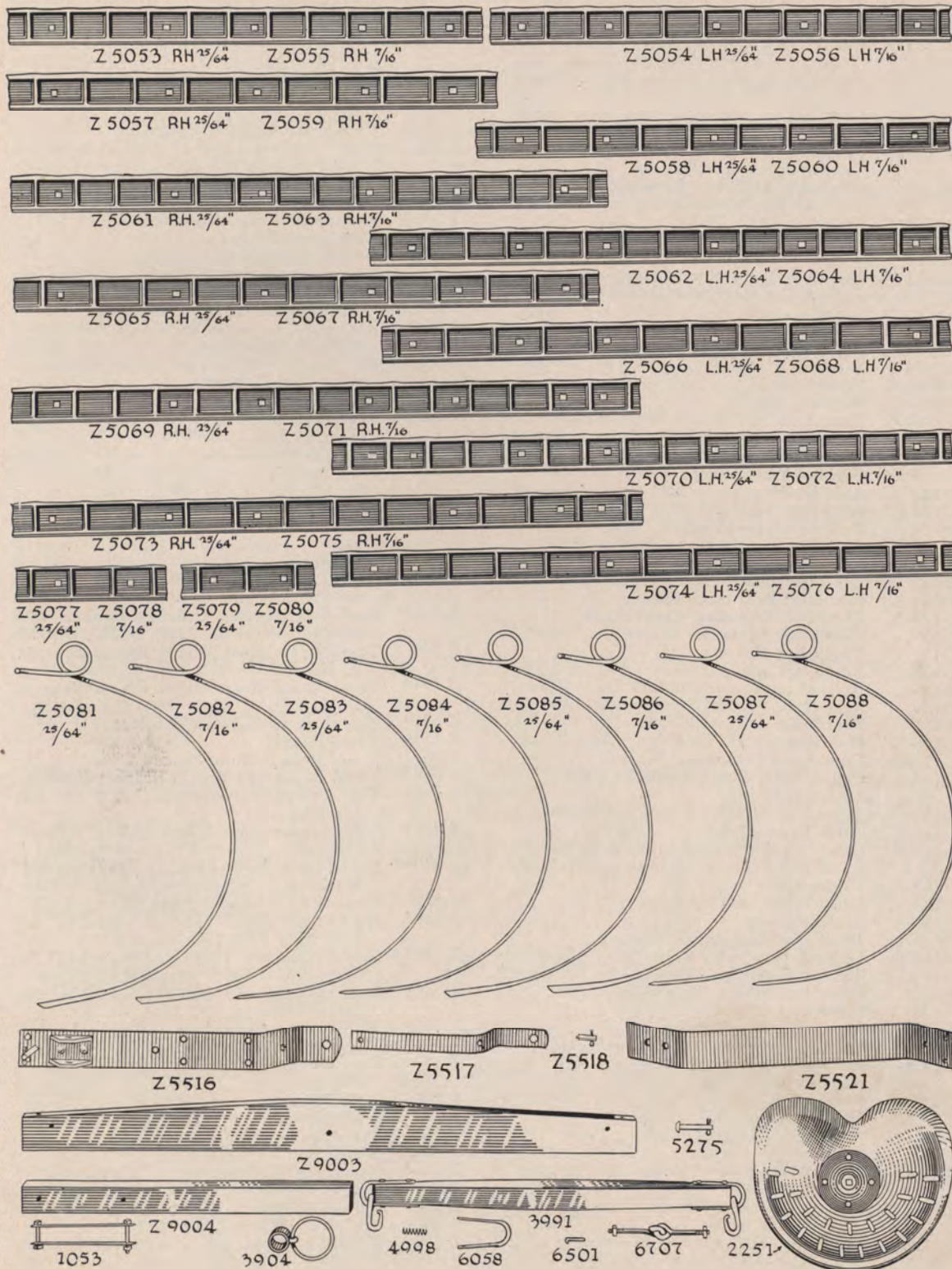
Part No.	Description	Part No.	Description
F-202	Singletree Hook, R. H.	2991*	Neckyoke Complete
F-203	Singletree Hook, L. H.	3904*	Ferrule and Ring Complete
Z-5051	Evener Pin (Mach. Bolt, $\frac{1}{2}$ x $\frac{3}{4}$ " with $\frac{1}{8}$ x1" Cotter)	3991*	Singletree Complete
Z-9003	Doubletree Bar	6058	Singletree Clip
1053*	Pair Straps	6707*	Eyebolt and Hookbolt Complete

ILLUSTRATED PLATE OF PARTS FOR SELF DUMP RAKE



OLIVER

ILLUSTRATED PLATE OF PARTS FOR SELF DUMP RAKE



No's. 1-A and 1-B, 7'4", 8', 8'8" Side Delivery Rake and Tedder

Part No.	Description
CP-950	Hub Box Cap, R. H. Th'd, for Z-136 Hub
CP-5047	U Bolt for Sand Band
CP-6197	Spring on Eccentric Adj. Lever Latch
DH-5706	Truss Beam Spreader (Pipe)
EP-5177	Pin (OHB Rivet $\frac{1}{2} \times 1\frac{1}{2}$ " with $\frac{3}{8} \times 1$ " Cotter) In Extension and Hinge Plate. Also in End Frame Bar Bell Crank
MD-295	Alemite P. T. Fitting $\frac{1}{8}$ " 67 $\frac{1}{2}$ °
MD-382	Gear Shift Lever Rack and Strap Guide Spacer
MS-156	No. 62 Steel Chain Link—For complete chain order as 7329*
RC-31	Latch for Reel Rear Control Lever
RC-540	Bushing for Front Control Lever
RC-5043	Spring on Adj. Bolt
RC-6126	Pole, Hammer Strap and Evener Pin (Mach. Bolt $\frac{1}{2} \times 6$ " with $\frac{3}{8} \times 1$ " Cotter)
RP-17	Spring Box for Rear Control Lever
RP-19	Spring Box for Front Control and Gear Shift Levers
RP-20-X	Plunger
RP-307	Rear Axle Step Washer
RP-5413	Wrench, 8"
RP-5414	Wrench, 9 $\frac{1}{4}$ "
RP-5415	Wrench, 10 $\frac{5}{8}$ "
RP-5496	Rear Axle Adj. Sleeve Wear Washer
WC-5095	Hammer Strap for Pole
Z-120	Drive Pawl for Main Wheel
Z-121-X	Box for Main Wheel
Z-122	Axle Bearing, R. H., and Frame Support
Z-123	Axle Bearing, L. H.
Z-124	Reel Bearing—Front
Z-125	Reel Bearing Extension Block—Front
Z-126	Reel Bearing—Rear
Z-127	Eccentric Bearing
Z-128	Eccentric Bearing Support
Z-129-A	Eccentric Adjusting Lever Rack
Z-130	Tooth Bar Support
Z-131	Tooth Bar Bearing
Z-132	Tooth Bar Bushing
Z-133	Bracket for Frame Bar and Truss Beams
Z-134	Rear Axle Vertical Sleeve with Cotter
Z-135	Rear Axle Adjusting Sleeve
Z-136-X	Hub Box, R. H. Th'd, for Caster Wheel
Z-137	Sand Band for Caster Wheel
Z-138-A	Pinion Shaft Bracket with $\frac{5}{8} \times 1\frac{1}{4}$ " C. P. Set Screw
Z-139	Adjustable Notch for Gear Shift Lever
Z-141-X	Drive Pawl Plate
Z-141-X*	Drive Pawl Plate Complete (Z-121-X, Z-120, Z-141-X, Z-5220, 2-4998)
Z-142-X	Raking Gear
Z-143	Drive Pinion and Sprocket
Z-144-A	Reel Sprocket
Z-145	Tooth Bar Crank
Z-146-B	Tedding Gear with Bolts
Z-180	Box for Extension Wheel
Z-5220	Drive Pawl Plate Pin with 2 Cotters
Z-5229	Tooth Bar Clip
Z-5305	Spring Tooth—Regular
Z-5306	Spring Tooth for Rear End—Heavy
Z-5307	Axle—Obsolete—Can be replaced by Z-5470 with Z-5324 Key
Z-5309	Axle Bearing Spacer
Z-5311	Axle Spacer, L. H.
Z-5312	Washer for Roller Bearing and Axle Bearing
Z-5313	Washer for Drive Pinion & Sprocket Shaft
Z-5315	Pinion Shaft Bracket Pivot with $\frac{5}{8}$ " Sq. Nut and Washer
Z-5317	Tooth Bar, 119", for 7'4" Machine
Z-5318	Tooth Bar, 127", for 8' Machine
Z-5319	Tooth Bar, 135", for 8'8" Machine
Z-5320	Tooth Bar Washer
Z-5321	Tooth Bar Crank Bushing

Part No.	Description
Z-5322*	Reel Rear Control Bell Crank Complete, less Bracket (Z-5336, 2 Z-5337)
Z-5323	Key ($\frac{3}{8}$ " Sq. x $3\frac{1}{8}$ ") for Raking Gear and Z-5307 Axle—Repairs only since 1934
Z-5324	Key $\frac{3}{8}$ " Sq. x $2\frac{3}{4}$ " for Reel Support, also for Raking Gear and Z-5470 Axle
Z-5325	Front Guard
Z-5326	Stripper with 2 $\frac{1}{8}$ " Sq. Nuts and Washers
Z-5327	Eccentric Guard
Z-5328	Reel Front Bearing Extension
Z-5329*	Reel Control Lever Complete—Front (6021, RP-19, RP-20-X, 999, 4998)
Z-5330	Reel Control Lever Rack
Z-5331	Reel Control Lever Link—Front
Z-5332	Reel Shaft Extension—Front
Z-5333	Reel Shaft Extension—Rear
Z-5334	Reel Rear Bearing Extension
Z-5335	Reel Rear Bearing Extension Hinge Plate
Z-5336	Reel Rear Control Bell Crank Strap (See Z-5322* or Z-5346*)
Z-5337	Reel Rear Control Bell Crank Plate (See Z-5322* or Z-5346*)
Z-5338	Reel Control Bell Crank Hinge Bracket—Rear (See Z-5346*)
Z-5339	Reel Control Strap—Rear
Z-5340	Reel Control Strap and Lever Bushing—Rear (Pipe)
Z-5341	Reel Control Link—Rear, with 2 Cotters
Z-5342*	Reel Control Lever Complete—Rear (2914, RC-31, RP-17, RP-20-X, 4998)
Z-5343	Reel Control Lever Rack—Rear
Z-5344	Reel Control Lever Rod—Rear—with 2 $\frac{3}{8} \times 1$ " Cotters, (77 $\frac{1}{2}$ ") for 7'4" and 8' Machines
Z-5345	Reel Control Lever Rod—Rear (85 $\frac{1}{2}$ ") for 8'8" Machine
Z-5346*	Reel Control Bell Crank Complete with Bracket—Rear (Z-5336, Z-5337, Z-5338)
Z-5347	Truss Beam Rear Wheel Frame Bracket, R. H.
Z-5348	Truss Beam Rear Wheel Frame Bracket, L. H.
Z-5349	Rear Axle with 2 $\frac{3}{8} \times 2$ " Cotters
Z-5351	Truss Beam
Z-5352	Truss Beam Frame Brace
Z-5357	Truss Beam and Frame Bracket Brace
Z-5358	Reel Frame Bar—Front (130") for 7'4" Machine
Z-5359	Reel Frame Bar—Front (137 $\frac{7}{8}$ ") for 8' Machine
Z-5360	Reel Frame Bar—Front (145 $\frac{7}{8}$ ") for 8'8" Machine
Z-5361	Front End Frame Bar Support
Z-5362	Reel Frame Bar Truss Rod with 2 $\frac{3}{8}$ " Sq. Nuts (124") for 7'4" Machine
Z-5363	Reel Frame Bar Truss Rod with 2 $\frac{3}{8}$ " Sq. Nuts (132") for 8' Machine
Z-5364	Reel Frame Bar Truss Rod with 2 $\frac{3}{8}$ " Sq. Nuts (140") for 8'8" Machine
Z-5365	Reel Frame Bar—Rear (120 $\frac{3}{4}$ ") for 7'4" Machine
Z-5366	Reel Frame Bar—Rear (128 $\frac{5}{8}$ ") for 8' Machine
Z-5367	Reel Frame Bar—Rear (136 $\frac{1}{2}$ ") for 8'8" Machine
Z-5368	Reel Shaft (119 $\frac{1}{2}$ ") for 7'4" Machine
Z-5369	Reel Shaft (127 $\frac{1}{2}$ ") for 8' Machine
Z-5370	Reel Shaft (135 $\frac{1}{2}$ ") for 8'8" Machine
Z-5372	Eccentric Bearing Roller
Z-5373	Eccentric Bearing Roller Bearing Bushing
Z-5374	Eccentric Adjusting Lever
Z-5375	Eccentric Adjusting Lever Rack Support
Z-5376	Eccentric Adjusting Lever Latch with 3 $\frac{3}{8} \times 1$ " Cotters
Z-5377	Eccentric Adjusting Lever Latch Eyebolt with $\frac{3}{8}$ " Sq. Nut

OLIVER

No's. 1-A and 1-B 7'4", 8', 8'8" Side Delivery Rake and Tedder—Continued

Part No.	Description
Z-5378	Eccentric Adjusting Lever Strap
Z-5379	Front End Reel Frame Bar
Z-5380*	Rear End Reel Frame Bar with 2 Z-5335
Z-5381	Front End Frame Bar
Z-5382	Front Frame Bar
Z-5383*	Gear Shift Lever Complete (2914, RP-19, RP-20-X, 999, 4998)
Z-5384	Gear Shift Lever Link
Z-5385	Gear Shift Lever Rack
Z-5386	Gear Shift Lever Rack Guide Strap
Z-5387	Pole Hinge Plate
Z-5389	Pole Brace
Z-5390	Pole Hinge Plate Pivot Bolt (Mach. Bolt $\frac{1}{2} \times 1\frac{1}{2}$ " with $\frac{1}{8} \times 1$ " Cotter)
Z-5391	Frame Anchor for Pole
Z-5392	Seat Spring
Z-5393*	R. H. Main Wheel Complete (Z-121, 7333, Z-5220, Z-120, Z-141, 4998)
Z-5394*	L. H. Main Wheel Complete (Z-121, 7333, Z-5220, Z-141, 4998, Z-120)
Z-5395	Roller Bearing for Drive Pinion and Sprocket. Also on axle
Z-5396	Roller Bearing for Reel Shaft Extension—Front and Reel Bearing—Rear
Z-5470	Axle (Uses Z-5324 Key)

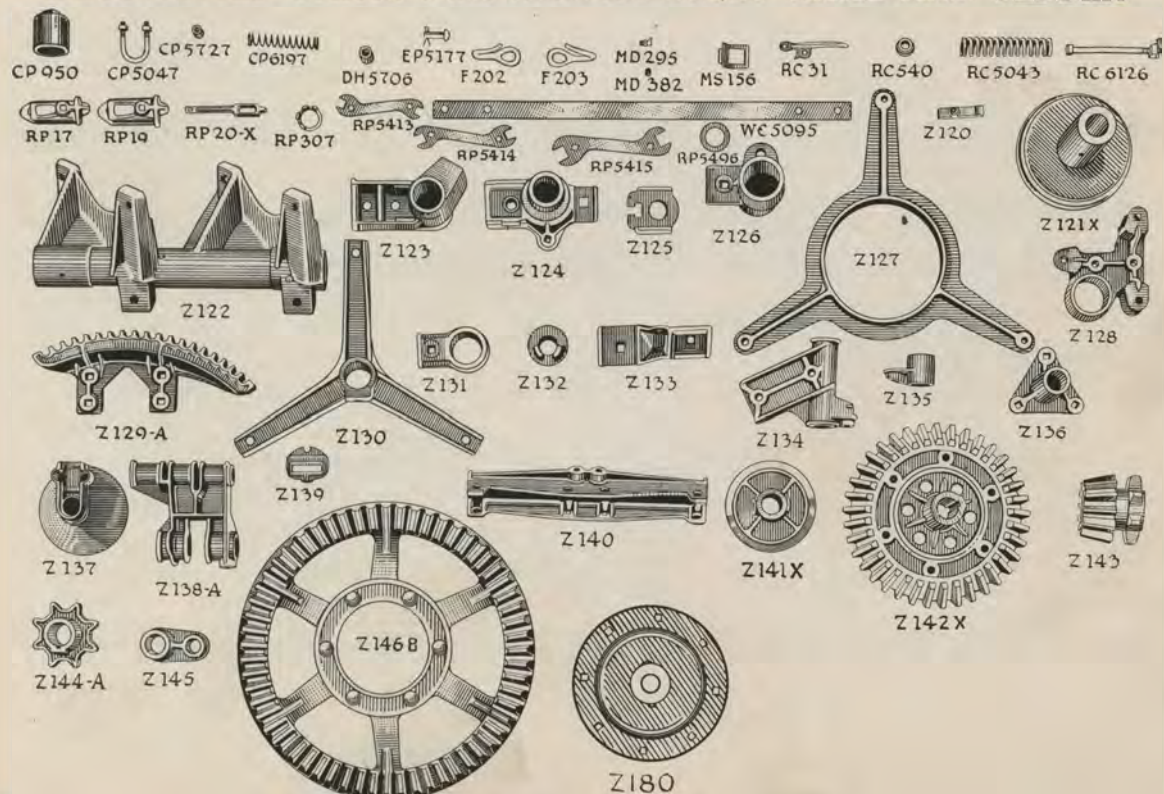
Part No.	Description
Z-5471	Washer on Reel Shaft Extension—Front and Bearing Shaft—Rear
Z-5520*	Drive Pinion and Sprocket Shaft
Z-5524*	R. H. Main Extension Wheel Complete (Z-5220, 2-Z-120, Z-141-X, 2-4998, Z-180)
Z-5525*	L. H. Main Extension Wheel Complete (Z-5220, 2-Z-120, Z-141-X, 2-4998, Z-180)
Z-9016*	Pole Complete with WC-5095 and RC-6126
999	Latch for Front Control and Gear Shift Levers
2251	Seat
2914	Latch Wire for Z-5342 and Z-5383
4998	Spring on Plunger. Also for Drive Pawl
6021	Latch Wire for Front Control Lever
6501	Linch Pin for Caster Wheel
6655	Pin in Reel Sprocket (OH Rivet $\frac{1}{8} \times 2\frac{3}{4}$ " with $\frac{1}{8} \times \frac{1}{4}$ " Cotter)
7329*	No. 62 Steel Chain (16-MS-156 Links)
7333	Alemite P. T. Fitting $\frac{1}{8}$ " Straight
7492	No. 72 $\frac{1}{2}$ Steel Chain Link—Repairs only
7860	Adj. Bolt for Rear Axle Machine Bolt $\frac{1}{2} \times 12$ ", Threaded 8 $\frac{1}{4}$ ", with 2 Nuts
9003*	One foot of No. 62 Steel Chain (7-MS-156)
9158*	One foot of No. 72 $\frac{1}{2}$ Stl. Chain (7 No. 7492)—Repairs only
9481	5 oz. Grease Gun
17988	Caster Wheel only, 19" Dia.

Extra Caster Wheel Attachment

Part No.	Description
CP-950	Hub Box Cap, R. H. Th'd, for Z-136 Hub
CP-5047	U Bolt for Sand Band
CP-5727	Rear Wheel Truss Bar Spreader (Pipe)
RC-5043	Spring on Adjustment Bolt
RP-307	Rear Axle Step Washer
RP-5496	Rear Axle Adj. Sleeve Wear Washer
Z-134	Rear Axle Vertical Sleeve
Z-135	Rear Axle Adj. Sleeve
Z-136-X	Hub Box, R. H. Th'd, for Caster Wheel
Z-137	Rear Wheel Sand Band
Z-5349	Rear Axle with 2 $\frac{3}{8} \times 2$ " Cotters

Part No.	Description
Z-5353	Rear Wheel Frame Bracket, L. H.
Z-5354	Rear Wheel Frame Bracket, R. H.
Z-5355	Rear Wheel Frame Truss Bar, R. H.
Z-5356	Rear Wheel Frame Truss Bar, L. H.
Z-5357	Rear Wheel Frame and Truss Bar Bracket Brace
6501	Linch Pin
7860	Adj. Bolt for Rear Axle (Machine Bolt $\frac{1}{2} \times 12$ ", less Nut, Th'd 8 $\frac{1}{4}$ ", with 2 Nuts)
17988	Caster Wheel only, 19" Dia.

ILLUSTRATED PARTS FOR SIDE DELIVERY RAKE AND TEDDER



OLIVER

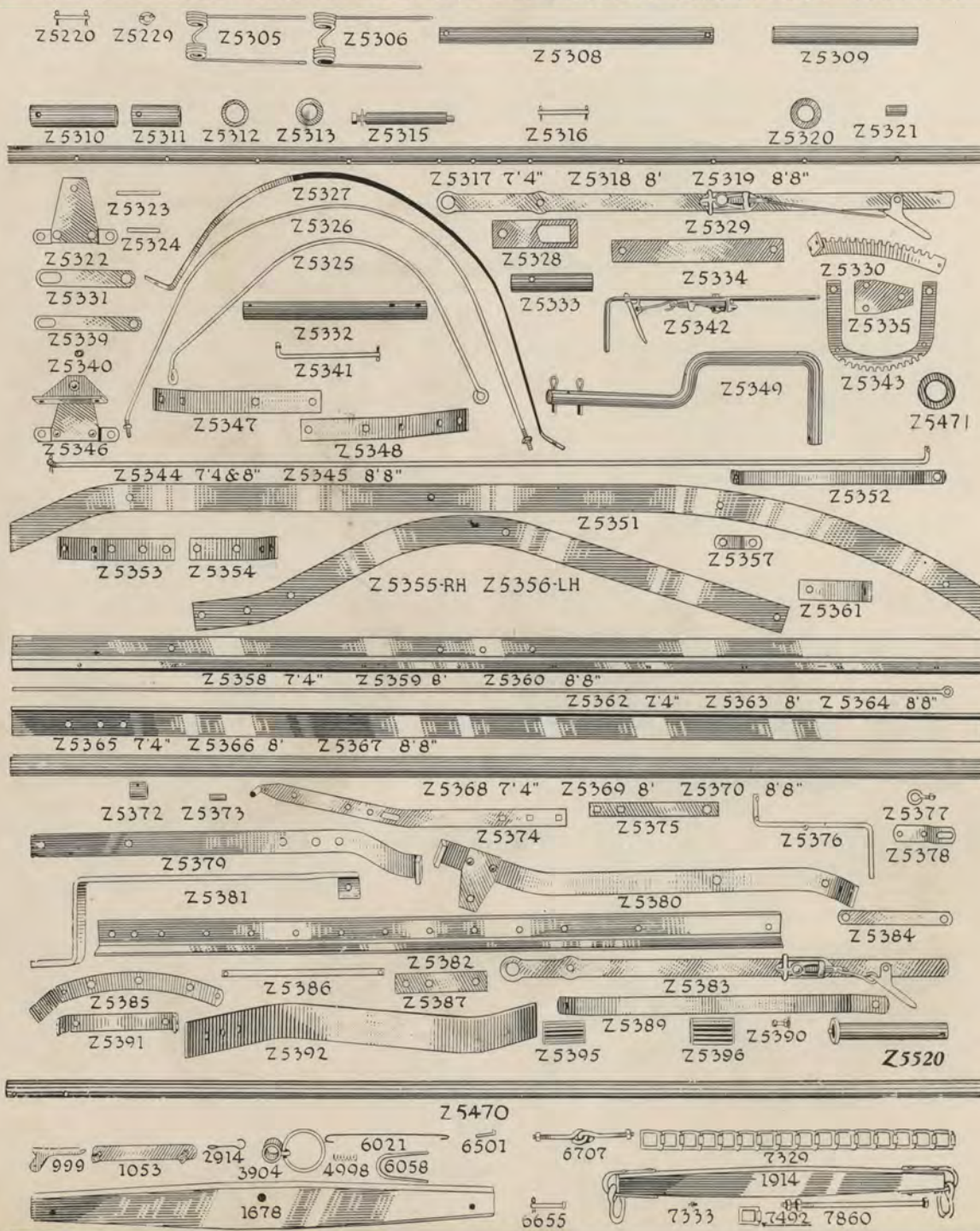
No. 1 Side Delivery Rake Axle Extension

Part No.	Description	Part No.	Description
Z-140	Axle Extension Sleeve	Z-5310	Axle Spacer, R. H. (Pipe)
Z-5308	Axle Extension	Z-5316	Axle Extension and Sleeve Pin with 2 3/8 x 1" Cotters

No. 221 2-H Evener and No. 17 Neckyoke

Part No.	Description	Part No.	Description
F-202	Singletree Hook, R. H.	1678	Doubletree Bar
F-203	Singletree Hook, L. H.	1914*	Singletree Complete'
Z-9017*	No. 17 Neckyoke Comp. with 2 No. 3904*, No. 6707*	3904*	Ferrule and Ring Complete
1053*	Singletree Straps (pair)	6058	Singletree Clip
		6707*	Hookbolt and Eyebolt Complete

ILLUSTRATED PARTS FOR SIDE DELIVERY RAKE AND TEDDER



OLIVER

No. 1 Hay Loader

Part No.	Description	Part No.	Description
CP-950	Cap for Forecarriage Wheel	Z-5207*	R. H. Upper Carrier Slide with Z-5210, Z-104
CP-5047	U Bolt for Sand Band and Truss Rod	Z-5208*	L. H. Upper Carrier Slide with Z-5210, Z-105
DH-5477	Lock Pin for Ratchet (OHB Rivet 1/2x 2 1/2" with 3/8x1" Cotter)	Z-5209	Upper Carrier Cross Tie Bar
EP-638	Collar with 1/2x3/8" C. P. Set Screw	Z-5210	Upper Carrier Slide Hinge
F-512	Spindle	Z-5211	Upper Carrier Slide Hinge Bracket
RC-616	Sand Band	Z-5212	Upper Carrier Slide Corner Brace
RC-789	Box for Forecarriage Wheel	Z-5213	Upper Carrier Roller Shaft with 6 1/4x2" Cotters
RC-5492	U Bolt for King Bolt Bracket	Z-5214	Upper Carrier Tightening Adj. Screw with 2 5/8" Hex. Jam Nuts
RC-6541	Bushing on Tightening Screw (Pipe)	Z-5215	Upper Carrier Shaft Staple
RP-307	Step Washer for Forecarriage Wheel	Z-5216	Main Axle
RP-5412	Wrench, 6 3/8"	Z-5217	Main Axle Key
RP-5413	Wrench, 8"	Z-5218	Main Axle Washer. Also on Shaft for Outside Pulley
WB-924	U Bolt for Axle and Draft Rod Hinge Eye	Z-5219	Cylinder Head Pin with 1/8x1" Cotter
Z-77	Compressor Spring Hinge	Z-5220	Pawl Plate Pin with 2 3/8x1" Cotters
Z-78	Cylinder Head, R. H.	Z-5221	Pawl Latch with 1/8x1 1/8" Cotter
Z-79	Cylinder Head, L. H.	Z-5222	Tooth Bar
Z-80-A	Tooth Bar Arm Clip, L. H.	Z-5223*	Tooth Bar Arm Comp. with Z-5224 Brace
Z-81-A	Tooth Bar Arm Clip, R. H.	Z-5224	Tooth Bar Arm Brace
Z-82*	Axle Bearing, L. H. with Z-5225	Z-5225	Tooth Control Cam
Z-83*	Axle Bearing, R. H., with Z-5225	Z-5226	Tooth Bar Arm Stop, R. H.
Z-84-X	Pawl Plate for R. H. Wheel	Z-5227	Tooth Bar Arm Stop, L. H.
Z-84-X*	Pawl Plate Complete, R. H. (Z-5220, Z-5221, Z-88, Z-120, Z-121, Z-84-X, 4998)	Z-5228	Tooth Bar Washer
Z-85-X	Pawl Plate for L. H. Wheel	Z-5229	Tooth Bolt Washer
Z-85-X*	Pawl Plate Complete, L. H. (Z-5220, Z-5221, Z-88, Z-120, Z-85-X, Z-121-X, 4998)	Z-5230	Upper Carrier Slide Support, R. H.
Z-86	Draft Rod Hinge Eye, R. H.	Z-5231	Upper Carrier Slide Support, L. H.
Z-87	Draft Rod Hinge Eye, L. H.	Z-5232	Upper Side Board Arm with 1/8x1" Cotter
Z-88	Pawl Latch Lever	Z-5233	Upper Side Board Arm Bearing
Z-89*	Hitch and Latch Bracket Complete (Z-89, Z-90, Z-5244, Z-5246)	Z-5234*	Ratchet Shaft Complete with Z-5235 Pin and 2 1/4x1 1/4" Cotters
Z-90	Hitch Latch Lock	Z-5235	Ratchet Shaft Pin
Z-91-X	King Bolt Axle Bearing Bracket	Z-5236*	Ratchet Lock Complete (2 Z-5236)
Z-92-X	King Bolt Bracket	Z-5237	Ratchet Guide with 2 3/8x1 1/4" Cotters
Z-93	Carrier Pulley—Center	Z-5238*	Ratchet Chain with Eyebolt (21 Links)
Z-94	Carrier Pulley—Outside	Z-5239	Forecarriage Axle
Z-95	Guide Roller	Z-5240	Forecarriage Axle Truss Rod
Z-97	Guide Sprocket (7 Tooth)	Z-5241	Hay Tooth
Z-98	Guide Sprocket Bracket, R. H. and Front Support and Guide Angle Coupling	Z-5242	Eyebolt with 3/8" Sq. Nut for Forecarriage Axle Truss Rod
Z-99	Guide Sprocket Bracket, L. H. and Front Support and Guide Angle Coupling	Z-5243	Eyebolt with 1/2" Sq. Nut for Ratchet Chain
Z-100-X	Adjusting Ratchet	Z-5244	Pin Riveted in Hitch Latch and Bracket
Z-101	Adjusting Ratchet Roller	Z-5245	Draft Rod
Z-102	Adjusting Shaft Bearing	Z-5246	Hitch Latch
Z-103	Adjusting Crank	Z-5247	Hitch Bracket Clamp Strap
Z-104	Tightener Screw Bracket, R. H. for Upper Carrier	Z-5248	Windshield Bracket—Upper
Z-105	Tightener Screw Bracket, L. H., for Upper Carrier	Z-5249	Windshield Bracket—Lower
Z-106-A	King Bolt Collar	Z-5250	Hinge Stud Bolt with 3/8" Sq. Nut
Z-120	Drive Pawl	Z-5251	King Bolt with 3/8x2" Cotter
Z-121-X	Wheel Box	Z-5252	Compressor Slat Socket
Z-148	Trip Rope Eye	Z-5253	Compressor Slat Hinge Bracket
Z-149	Compressor Slat Hinge for Lower Slats	Z-5254	Compressor Slat Arch
Z-155	Center Support for Tooth Bars	Z-5255	Compressor Slat Arch Spring
Z-5050*	Ring and Eyebolt for Hitch	Z-5256	Eyebolt for Balance Spring
Z-5191	Main Frame, R. H.	Z-5257	Eyebolt with 3/8" Sq. Nut for Balance Spring
Z-5192	Main Frame, L. H.	Z-5258	Clamp Strap for Side Board and Rear Angle
Z-5193	Main Frame Cross Tie Bar	Z-5259	Balance Extension Spring
Z-5194	Front Frame Support, R. H.	Z-5260	Forecarriage Wheel Shield (Disc)
Z-5195	Front Frame Support, L. H.	Z-5261	Forecarriage Wheel Ring Shield
Z-5196	Lower Slide Cross Tie Bar	Z-5262	Fastener for Forecarriage Wheel Ring Shield
Z-5197	Carrier Slide Arch	Z-5263	Side Board Extension, R. H.
Z-5198	Carrier Slide Lower, R. H.	Z-5264	Side Board Extension, L. H.
Z-5199	Carrier Slide Lower, L. H.	Z-5265	Main Windshield, R. H.
Z-5200	Lower Carrier Slide and Arch Bracket	Z-5266	Main Windshield, L. H.
Z-5201	Lower Carrier Slide Diagonal Brace	Z-5267	Main Windshield Extension—Lower R. H.
Z-5202*	Lower Carrier Guide Angle, R. H., Complete with Z-98	Z-5268	Main Windshield Extension—Lower L. H.
Z-5203*	Lower Carrier Guide Angle, L. H., Complete with Z-99	Z-5269	Carrier Shield—Upper R. H.
Z-5204	Compressor Arch	Z-5270	Carrier Shield—Upper L. H.
Z-5205	Compressor Arch Brace	Z-5271	Side Board Hinge—Upper
Z-5206	Carrier Slide Arch Brace	Z-5303*	Conveyor Chain Complete (174 No. 7486 Plain Links and 29 No. 7487 Attachment Links)

OLIVER

No. 1 Hay Loader—Continued

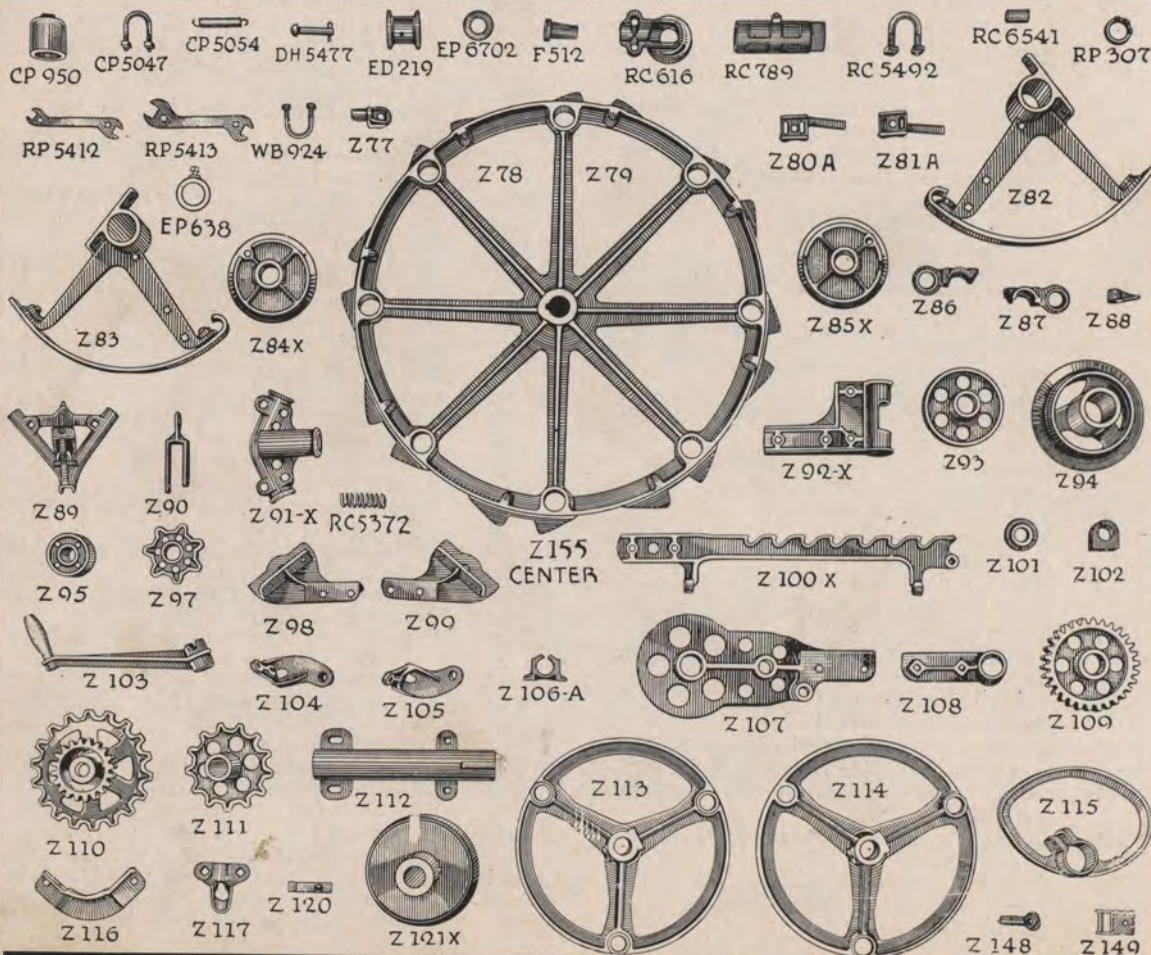
Part No.	Description	Part No.	Description
Z-5395	Roller Bearing for Main Axle	6159	Extension Spring on Hitch Latch
Z-5399	Roller Bearing in Outside Pulley		Lock and Bracket
Z-5400*	R. H. Wheel Complete (Z-121, 7333, Z-5221, Z-88, Z-84, Z-120, Z-5220, 4998)	6501	Linch Pin for Forecarriage Wheel
Z-5401*	Forecarriage Wheel Complete (RP-307, CP-950, RC-789, 6501)	7333	Alemite P. T. Fitting 1/8" Straight
Z-5403*	L. H. Wheel Comp. (Z-121, 7333, Z-5221, Z-88, Z-85, Z-120, Z-5220, 4998)	7486	No. 45 Steel Belt Chain Link
Z-9008	Side Board Lower R. H.	7487	No. 45-A37L Steel Belt Chain Attachment Link
Z-9009	Side Board Lower L. H.	9016*	Conveyor Rope (30 ft.) with 2-9231 Clips
Z-9010	Side Board Upper R. H.	9017	Trip Rope (15 ft.)
Z-9011	Side Board Upper L. H.	9134*	Pound Box of 1" Staples for Conveyor Rope
Z-9012	Conveyor Slat 61 1/4"	9135	Eye for Trip Rope
Z-9013	Compressor Slat—Lower	9159*	One Foot (7 No. 7486) No. 45 Steel Belt Chain Links
Z-9014	Compressor Slat—Upper	9160*	One Foot (7 No. 7487) No. 45-A, 37-L Attachment Links
3382	Bushing on Upper Side Board Arm	9231	1/4" Rope End Clip
4998	Bolt	9481	5 oz. Grease Gun
	Spring on Latch		

No. 1 Hay Loader Gleaner Attachment

Part No.	Attachment	Part No.	Attachment
CP-5054	Spring for Idler Arm	Z-111	Sprocket (13 Tooth)
ED-219	Idler Roller	Z-112	Pipe Shaft Bearing
EP-6702	Wear Washer on Gear Stud	Z-113	Cylinder Head, R. H.
RC-5372	Compression Spring on Rod	Z-114	Cylinder Head, L. H.
Z-107	Gear Housing	Z-115	Cam
Z-108	Gleaner Hinge for R. H. Bar	Z-116	Gleaner Frame Corner
Z-109	Drive Gear (30 Tooth)	Z-117	Hang Up Bracket
Z-110	Gear and Sprocket (20 and 18 Tooth)	Z-5218	Wear Washer for Main Axle

(Continued on Page 23)

ILLUSTRATED PLATE OF PARTS FOR HAY LOADER

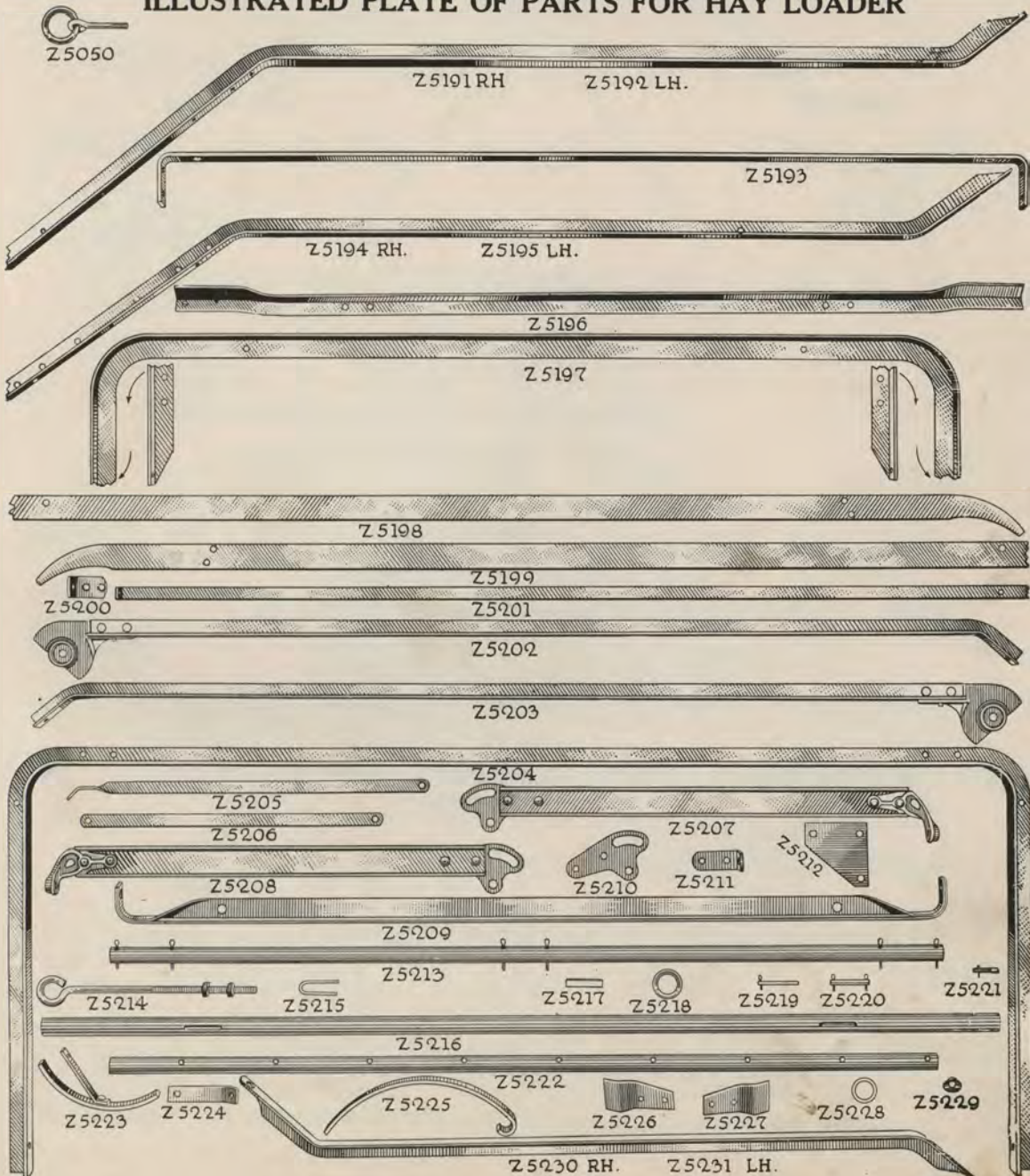


OLIVER

No. 1 Hay Loader Attachment—Continued

Part No.	Description	Part No.	Description
Z-5220	Pin in Gear and Loader Axle with 2 $\frac{3}{8}$ x1" Cotters	Z-5285	Gleaner Tooth Bar Crank with 2 $\frac{3}{8}$ x1" Cotters
Z-5272	Gleaner Main Frame Bar, R. H.	Z-5286	Gleaner Tooth Bar Crank Roller
Z-5273	Gleaner Main Frame Bar, L. H.	Z-5287	Gleaner Tooth Bar Washer
Z-5274	Gleaner Main Frame Rear Bar	Z-5288	Gleaner Sprocket Gear Stud with $\frac{1}{4}$ x1 $\frac{1}{4}$ " and $\frac{1}{4}$ x2" Cotters
Z-5275	Gleaner Frame Arch	Z-5289	Gleaner Idler Arm with 3 $\frac{3}{8}$ x1" Cotters
Z-5276	Gleaner Bearing Brace	Z-5290	Gleaner Suspension Rod with 2 $\frac{1}{2}$ " Sq. Nuts and $\frac{3}{8}$ x1"—Cotter (Repairs Only Since 1933)
Z-5277	Gleaner Arch Brace	Z-5291	Gleaner Suspension Rod Hinge
Z-5278	Gleaner End Stripper, R. H.	Z-5292	Gleaner Reel Brace—Center
Z-5279*	L. H. End Stripper Complete with Z-5293, Z-5294	Z-5293	Gleaner Crank Guard
Z-5280*	Center Stripper Complete with Z-5281	Z-5294	Gleaner Crank Guard Extension
Z-5281	Gleaner Inside Stripper Brace		(Continued on Page 24)
Z-5284	Gleaner Tooth Bar		

ILLUSTRATED PLATE OF PARTS FOR HAY LOADER

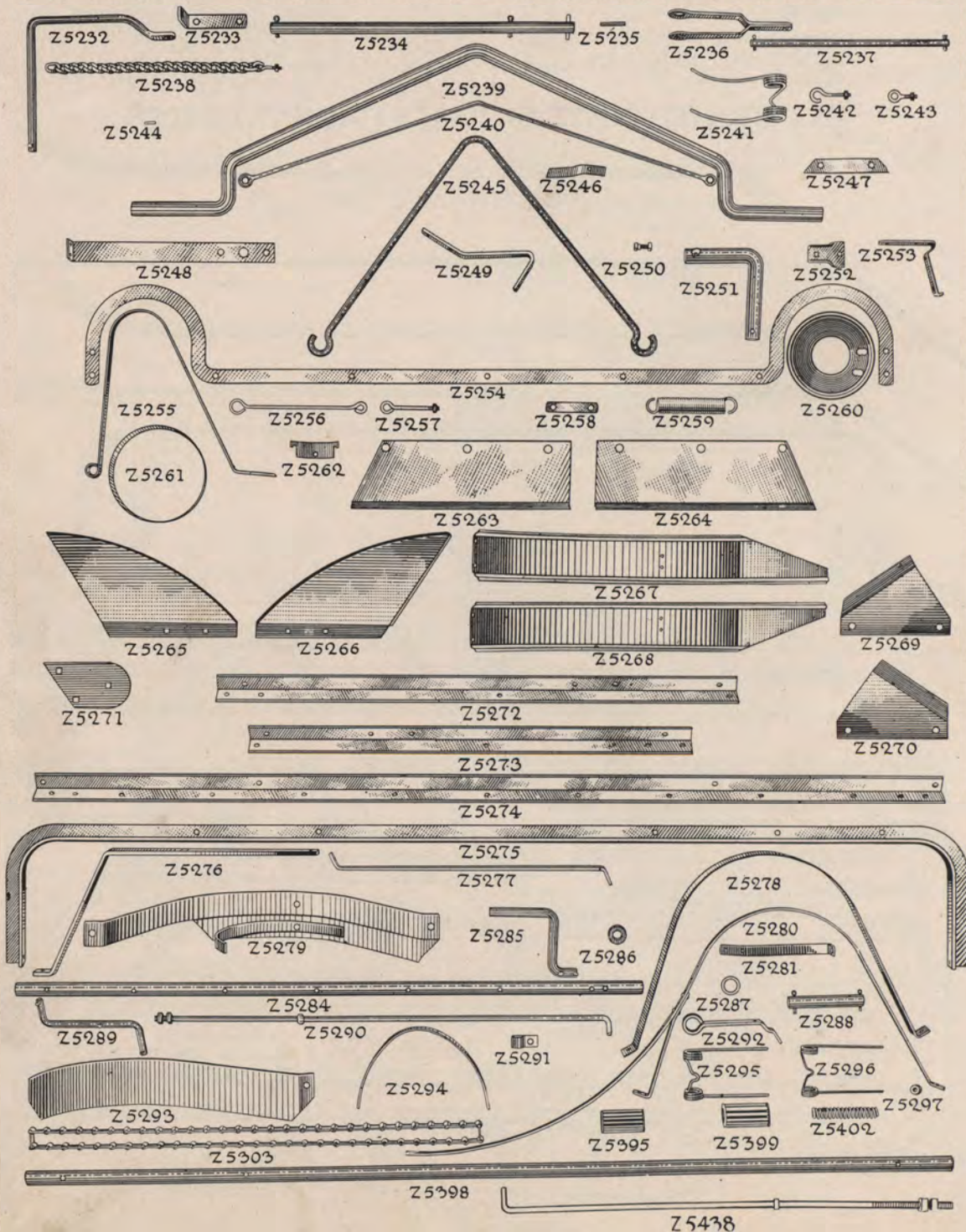


OLIVER

No. 1 Hay Loader Gleaner Attachment—Continued

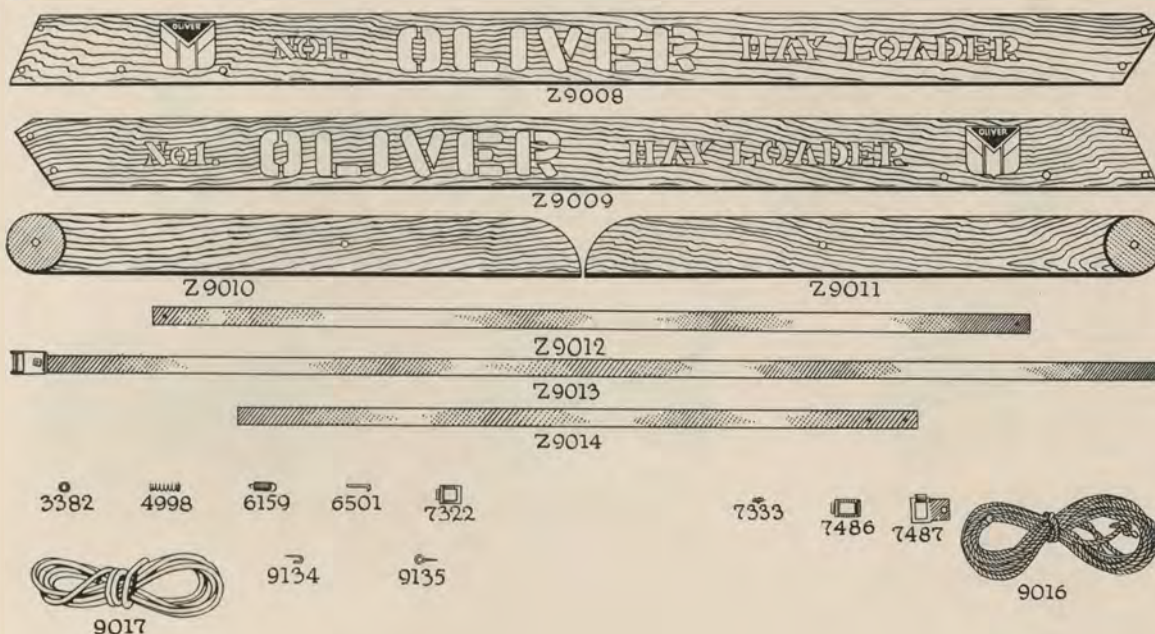
Part No.	Description	Part No.	Description
Z-5295	Gleaner End Spring Tooth (6 used)	Z-5402	Compression Spring on Rod (Repairs Only Since 1933)
Z-5296	Gleaner Center Spring Tooth (18 used)	Z-5438	Gleaner Suspension Rod with 2 Nuts and $\frac{3}{8}$ x1" Cotter
Z-5297	Gleaner Spring Tooth Clip	7322	No. 42 Steel Chain Link (For Complete Chain, order as Z-5304*)
Z-5304*	Gleaner Drive Chain—58 No. 7322—No. 42 Steel Links	7333	Alemite P. T. Fitting $\frac{1}{8}$ " Straight in Shaft Bearing
Z-5398*	Gleaner Pipe Shaft Complete		

ILLUSTRATED PLATE OF PARTS FOR HAY LOADER

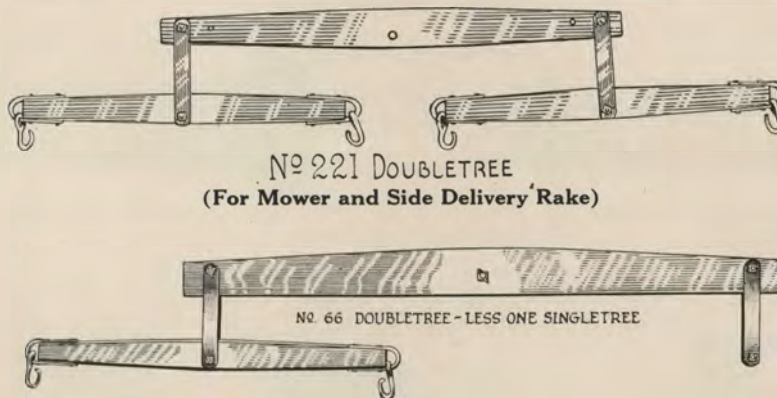


OLIVER

ILLUSTRATED PLATE OF PARTS FOR HAY LOADER



EVENERS

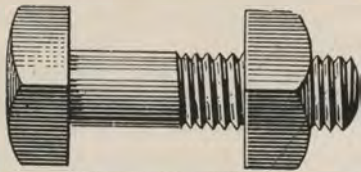


See Net Prices on Above Eveners

The reputation of Oliver Farm Equipment Company depends on the service and satisfaction its implements will give.

Think of this and ALWAYS INSIST ON GETTING GENUINE OLIVER REPAIRS.

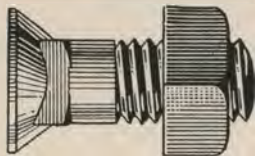
BOLTS



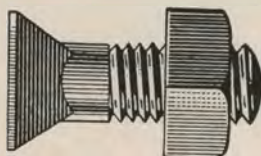
MACHINE BOLTS



CARRIAGE BOLTS



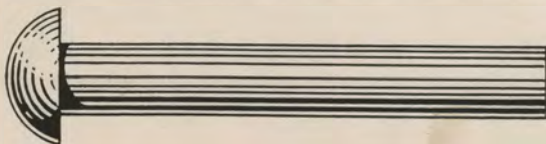
SHORT SQUARE BOLT



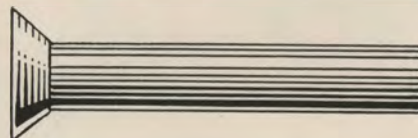
SQUARE COUNTERSUNK
HEAD BOLT



GUARD BOLT



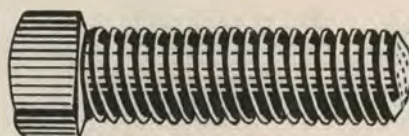
OVAL HEAD RIVET



COUNTERSUNK HEAD RIVET



CUP POINT SET SCREW



OVAL POINT SET SCREW



HEXAGON HEAD CAP
SCREW



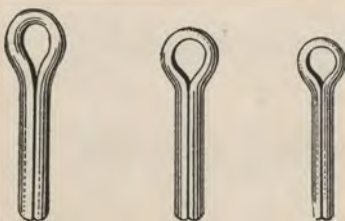
OVAL HEAD STOVE
BOLT



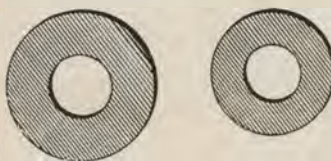
SQUARE
NUT



HEXAGON
NUT



SPRING COTTERS



STEEL WASHERS



LOCK WASHER

OLIVER

BOLTS

CARRIAGE BOLTS

Size	No.	Weight	List Price
Under Head			
$\frac{1}{4} \times \frac{1}{2}$	7943	.02	\$0.02
$\frac{1}{4} \times 1 \frac{1}{4}$	7945	.03	.02
$\frac{1}{4} \times 1 \frac{3}{8}$	9128	.03	.02
$\frac{1}{4} \times 1 \frac{1}{2}$	7946	.03	.02
$\frac{1}{4} \times 2 \frac{1}{8}$	9048	.05	.02
$\frac{1}{2} \times 1 \frac{1}{8}$	7956	.06	.02
$\frac{1}{2} \times 1 \frac{1}{2}$	7962	.07	.02
$\frac{3}{8} \times 1 \frac{1}{2}$	7966	.07	.02
$\frac{3}{8} \times 1 \frac{3}{4}$	7967	.07	.02
$\frac{3}{8} \times 1 \frac{1}{4}$	7968	.08	.02
$\frac{3}{8} \times 1 \frac{1}{2}$	7969	.08	.02
$\frac{3}{8} \times 1 \frac{3}{4}$	7970	.09	.02
$\frac{3}{8} \times 2$	7971	.10	.02
$\frac{3}{8} \times 2 \frac{1}{8}$	7973	.12	.02
$\frac{3}{8} \times 2 \frac{1}{4}$	7974	.12	.02
$\frac{1}{2} \times 1$ Short Shank	7988	.11	.02
$\frac{1}{2} \times 1 \frac{1}{4}$	7989	.12	.02
$\frac{1}{2} \times 1 \frac{1}{2}$	7990	.13	.02
$\frac{1}{2} \times 1 \frac{3}{4}$	7992	.15	.02
$\frac{1}{2} \times 2 \frac{1}{8}$	7994	.18	.03
$\frac{1}{2} \times 2 \frac{1}{4}$	7995	.19	.03
$\frac{1}{2} \times 2 \frac{1}{2}$ Less Nut	8989	.17	.03
$\frac{1}{2} \times 2 \frac{3}{4}$	7996	.20	.03
$\frac{1}{2} \times 3$	7997	.21	.03
$\frac{1}{2} \times 3 \frac{1}{4}$	7998	.21	.03
$\frac{3}{4} \times 1$	8844	.15	.03
$\frac{3}{4} \times 1 \frac{1}{4}$	8016	.16	.03
$\frac{3}{4} \times 1 \frac{1}{2}$	8017	.17	.03
$\frac{3}{4} \times 1 \frac{3}{4}$	8018	.18	.03
$\frac{3}{4} \times 2$	8487	.32	.04
$\frac{3}{4} \times 2 \frac{1}{2}$ H.T.	9370	.35	.06
$\frac{3}{4} \times 2 \frac{3}{4}$	8741	.39	.05
$\frac{3}{4} \times 3$	8044	.34	.06

MACHINE BOLTS

Size	No.	Weight	List Price
Under Head			
$\frac{1}{4} \times 1 \frac{1}{4}$	9085	.03	\$0.02
$\frac{1}{4} \times 1 \frac{1}{2}$	7730	.06	.02
$\frac{1}{4} \times 1 \frac{3}{8}$	7731	.06	.02
$\frac{1}{4} \times 1 \frac{1}{2}$	7738	.06	.02
$\frac{1}{4} \times 1 \frac{3}{4}$	8526	.06	.02
$\frac{1}{4} \times 1 \frac{1}{2}$	7741	.06	.02
$\frac{1}{4} \times 1 \frac{3}{8}$	7744	.08	.02
$\frac{1}{4} \times 1 \frac{1}{2}$	7747	.10	.03
$\frac{1}{4} \times 1 \frac{3}{4}$	7749	.11	.03
$\frac{1}{4} \times 2 \frac{1}{8}$	7750	.11	.03
$\frac{1}{4} \times 2 \frac{1}{4}$	7752	.12	.03
$\frac{1}{4} \times 2 \frac{1}{2}$	7753	.12	.03
$\frac{1}{4} \times 2 \frac{3}{4}$	7755	.13	.03
$\frac{1}{4} \times 3$	8967	.21	.04
$\frac{1}{4} \times 3 \frac{1}{2}$	7776	.11	.03
$\frac{1}{4} \times 1 \frac{1}{4}$	7778	.12	.03
$\frac{1}{4} \times 1 \frac{1}{2}$	7780	.13	.03
$\frac{1}{4} \times 1 \frac{3}{4}$	7782	.14	.03
$\frac{1}{4} \times 2 \frac{1}{8}$	7784	.16	.03
$\frac{1}{4} \times 2 \frac{1}{4}$	7785	.17	.03
$\frac{1}{4} \times 2 \frac{1}{2}$	7786	.18	.03
$\frac{1}{4} \times 2 \frac{3}{4}$	7787	.19	.03
$\frac{1}{4} \times 3$	7790	.21	.04
$\frac{1}{4} \times 3 \frac{1}{2}$	7793	.23	.04
$\frac{1}{4} \times 4$	7797	.26	.04
$\frac{1}{4} \times 1 \frac{1}{4}$	7818	.16	.04
$\frac{1}{4} \times 1 \frac{1}{2}$	7819	.17	.04
$\frac{1}{4} \times 1 \frac{3}{8}$	7821	.18	.04
$\frac{1}{4} \times 1 \frac{1}{2}$	7824	.20	.04
$\frac{1}{4} \times 2$	7825	.21	.04
$\frac{1}{4} \times 2 \frac{1}{8}$	7827	.23	.04
$\frac{1}{4} \times 2 \frac{1}{4}$	7828	.24	.04
$\frac{1}{4} \times 2 \frac{1}{2}$	7830	.25	.04
$\frac{1}{4} \times 2 \frac{3}{4}$ H.T.	9233	.25	.06
$\frac{1}{4} \times 3$	7831	.26	.04
$\frac{1}{4} \times 3 \frac{1}{2}$	7833	.28	.05
$\frac{1}{4} \times 3 \frac{3}{4}$	7838	.30	.05
$\frac{1}{4} \times 4$	7839	.31	.05
$\frac{1}{4} \times 4 \frac{1}{2}$	7840	.33	.05
$\frac{1}{4} \times 4 \frac{3}{4}$	7842	.34	.05
$\frac{1}{4} \times 5$	7843	.37	.05
$\frac{1}{4} \times 5 \frac{1}{2}$	8507	.47	.06
$\frac{1}{4} \times 6 \frac{1}{4}$	7849	.43	.06
$\frac{1}{4} \times 1 \frac{1}{4}$	7878	.35	.06
$\frac{1}{4} \times 1 \frac{1}{2}$	7880	.39	.06
$\frac{1}{4} \times 2 \frac{1}{4}$	7883	.45	.06
$\frac{1}{4} \times 3$	7892	.65	.08

MACHINE BOLTS LESS NUT

—Special Threading

Size	Length of Thread	Wgt.	List Price
Under Head			
$\frac{1}{4} \times 4$	7794	3"	\$0.04
$\frac{1}{4} \times 8$	7856	6 $\frac{1}{2}$ "	.07
$\frac{1}{4} \times 12$	7860	8 $\frac{1}{2}$ "	.09
$\frac{1}{4} \times 2 \frac{1}{4}$	9154	Full	.39

SQUARE COUNTERSUNK HEAD BOLTS

(List Prices are per 100)
Price per 100 applies to 50 or more of any one size. For quantities less than 50 of any one size add 25%.

Size	No.	Weight	List Price
Over All			
$\frac{3}{8} \times 1 \frac{1}{4}$	7596	.09	\$3.35
$\frac{1}{2} \times 1 \frac{1}{2}$	7612	.17	6.45
$\frac{1}{2} \times 1 \frac{3}{8}$	7614	.10	6.70
$\frac{1}{2} \times 2$ R.H.T.	7617	.20	6.95
$\frac{1}{2} \times 2 \frac{1}{4}$	9038	.21	7.25

SHORT SQUARE BOLTS

(List Prices are per 100)
Price per 100 applies to 50 or more of any one size. For quantities less than 50 of any one size add 25%.

Size	No.	Weight	List Price
Over All			
$\frac{3}{8} \times 1 \frac{1}{4}$ Rep. Hd.	7700	.08	\$2.75
$\frac{3}{8} \times 1 \frac{1}{2}$ Rep. Hd.	7701	.07	2.75
$\frac{1}{2} \times 1 \frac{1}{4}$ Rep. Hd.	7704	.10	3.75
$\frac{1}{2} \times 1 \frac{3}{4}$ Rep. Hd.	7706	.13	4.25
$\frac{1}{2} \times 1 \frac{1}{2}$ Rep. Hd.	7670	.18	5.75

OVAL HEAD STOVE BOLTS

Size	No.	Weight	List Price
Under Head			
$\frac{1}{4} \times \frac{3}{8}$	7711	.01	\$0.01
$\frac{1}{4} \times \frac{1}{2}$	7713	.02	.01

GUARD BOLTS for MOWERS

Size	No.	Weight	List Price
Over All			
$\frac{1}{2} \times 1 \frac{1}{8}$	9376	.08	\$0.03
$\frac{1}{2} \times 1 \frac{1}{4}$	9039	.10	.03
$\frac{1}{2} \times 1 \frac{1}{2}$	9377	.11	.03
$\frac{1}{2} \times 1 \frac{3}{4}$	9040	.12	.03
$\frac{1}{2} \times 1 \frac{1}{2}$	9228	.12	.03

OVAL POINT SET SCREWS

Size	No.	Wgt.	List Price
Under Head to Extreme Point			
$\frac{1}{2} \times 1 \frac{1}{4}$	9195	.14	\$0.05

CUP POINT SET SCREWS

Size	No.	Wgt.	List Price
Under Head to Extreme Point			
$\frac{3}{8} \times 1 \frac{1}{2}$	9033	.08	\$0.04
$\frac{3}{8} \times 1 \frac{1}{4}$	8321	.25	.07

HEXAGON HEAD CAP SCREWS

Size	No.	Wgt.	List Price
Under Head			
$\frac{1}{4} \times \frac{1}{2}$ (U.S.S. Th'd.)	9373	.06	\$0.05

SPRING COTTERS

(25 or more to take the per 100 rate)

Size	No.	Wgt.	List Price	List Price
			Ea.	Per 100
$\frac{1}{4} \times \frac{3}{4}$	9032	.01	\$0.01	\$0.10
$\frac{1}{4} \times \frac{1}{2}$	8350	.01	.01	.10
$\frac{1}{4} \times 1$	8351	.01	.01	.12
$\frac{1}{4} \times 1 \frac{1}{8}$	8352	.01	.01	.15
$\frac{1}{4} \times \frac{3}{4}$	8353	.01	.01	.25
$\frac{1}{4} \times 1 \frac{1}{4}$	8354	.01	.01	.28
$\frac{1}{4} \times 1 \frac{1}{2}$	8355	.01	.01	.30
$\frac{1}{4} \times 1 \frac{3}{4}$	8357	.01	.01	.40
$\frac{1}{4} \times 2$	8359	.01	.01	.43
$\frac{1}{4} \times 1 \frac{1}{4}$	8361	.02	.01	.50
$\frac{1}{4} \times 1 \frac{1}{2}$	8363	.03	.01	.65
$\frac{1}{4} \times 2$	8364	.03	.01	.75
$\frac{1}{4} \times 2 \frac{1}{4}$	8489	.05	.02	1.15
$\frac{1}{4} \times 2 \frac{1}{2}$	8368	.05	.02	1.25
$\frac{1}{4} \times 2 \frac{3}{4}$	8484	.06	.02	1.65

OVAL HEAD RIVETS

List Price per Pound...\$0.15

Size	No.	Wgt.
Under Head		
$\frac{3}{8} \times \frac{3}{8}$	8154	.01
No. 6 (13/64) x $\frac{1}{2}$ " (Pound Box)	9029*	1.00
No. 6 (13/64) x $\frac{3}{4}$ " (Pound Box)	9030*	1.00
$\frac{3}{8} \times 3 \frac{1}{2}$	9371	.03
$\frac{1}{4} \times \frac{3}{8}$	8157	.01
$\frac{1}{4} \times \frac{1}{2}$	8158	.02
$\frac{1}{4} \times 1 \frac{1}{4}$	8162	.02
$\frac{1}{4} \times 1 \frac{1}{2}$ (Pound Box)	9024*	1.00
$\frac{1}{4} \times 2 \frac{1}{4}$ (Pound Box)	9026*	1.00
$\frac{1}{4} \times 2 \frac{1}{2}$ (Pound Box)	9025*	1.00
$\frac{1}{4} \times 1 \frac{1}{2}$	8177	.04
$\frac{1}{4} \times 2 \frac{1}{4}$	8187	.11

OVAL HEAD RIVETS—CON'T.

List Price Per Pound...\$0.15

Size	No.	Wgt.
Under Head		
$\frac{3}{8} \times \frac{3}{4}$	8192	.04
$\frac{3}{8} \times \frac{1}{2}$	8193	.04
$\frac{3}{8} \times 1$	8194	.05
$\frac{3}{8} \times 1 \frac{1}{8}$	8196	.05
$\frac{3}{8} \times 1 \frac{1}{4}$	8198	.06
$\frac{3}{8} \times 1 \frac{1}{2}$	8200	.06
$\frac{3}{8} \times 2$	8206	.08
$\frac{3}{8} \times 2 \frac{1}{4}$	8208	.09
$\frac{1}{2} \times 1 \frac{1}{8}$	8220	.08
$\frac{1}{2} \times 1 \frac{1}{4}$	8221	.08
$\frac{1}{2} \times 2$	8228	.11
$\frac{1}{2} \times 2 \frac{1}{4}$	8837	.09
$\frac{1}{2} \times 2 \frac{1}{2}$ O.H.B.	8244	.14

COUNTERSUNK HEAD RIVETS

List Price Per Pound...\$0.15

Size	No.	Wgt.
Over All		
6 (13/64) x $\frac{3}{4}$ " (Pound Box)	9261*	1.00
6 (13/64) x 1" (Pound Box)	9375*	1.00
6 (13/64) x 1 $\frac{1}{4}$ " (Pound Box)	9028*	1.00
$\frac{3}{8} \times \frac{3}{4}$	8128	.03
$\frac{3}{8} \times 1$	8130	.04
$\frac{3}{8} \times 1 \frac{1}{8}$	8131	.04
$\frac{3}{8} \times 2 \frac{1}{8}$	8136	.07
$\frac{3}{8} \times 2 \frac{1}{4}$	8137	.08
$\frac{1}{2} \times 1$	8581	.07
$\frac{1}{2} \times 1 \frac{1}{4}$	8849	.10

WAGON BOX RIVETS

List Price Per Pound...\$0.15

Size	No.	Wgt.
Under Head		
$\frac{1}{4} \times 1 \frac{1}{4}$	8281	.04
$\frac{1}{4} \times 2 \frac{1}{4}$	8285	.06
$\frac{1}{4} \times 2 \frac{3}{8}$	8287	.06

SQUARE NUTS

(25 or more to take the per 100 rate)

Size	No.	Wgt.	List Price	List Price
			Ea.	Per 100
$\frac{3}{8}$ "	8080	.02	\$0.01	\$0.50
$\frac{1}{2}$ "	8081	.04	.01	.65
$\frac{3}{4}$ "	8082	.04	.02	1.05
$1 \frac{1}{2}$ "	8083	.06	.02	1.45
$1 \frac{3}{8}$ "	8085	.11	.04	2.50

HEXAGON NUTS

(25 or more to take the per 100 rate)

Size	No.	Wgt.	List Price	List Price
			Ea.	Per 100
$\frac{3}{8}$ " Jam.	9034	.02	\$0.02	\$1.20
$\frac{1}{2}$ " Jam.	8090	.03	.02	1.25
$\frac{3}{4}$ " Jam.	8092	.05	.02	1.85
$\frac{1}{2}$ " Jam.	9027	.06	.04	2.55
$\frac{3}{8}$ " Jam.	8094	.08	.04	2.90
$\frac{1}{2}$ " Jam.	9031	.18	.09	6.80

STEEL WASHERS

List Price per Lb...\$0.15

Size	Gauge	No.	Wgt.
$\frac{3}{8} \times 1 \frac{1}{4}$	16	8376	.01
$\frac{1}{2} \times 1 \frac{1}{2}$	16	8377	.01
$\frac{3}{8} \times \frac{3}{8}$	16	8378	.01
$1 \times \frac{1}{2}$	14	8380	.02
$1 \frac{1}{4} \times \frac{1}{2}$	14	8381	.02
$1 \frac{1}{4} \times \frac{1}{2}$	14	8382	.03
$1 \frac{1}{4} \times \frac{1}{2}$	14	9120	.03
$\frac{1}{2} \times \frac{1}{2}$	12	8384	.04
$\frac{1}{2} \times \frac{1}{2}$	10	8387	.04
$\frac{1}{2} \times \frac{1}{2}$	12	8383	.04
$\frac{1}{2} \times \frac{1}{2}$	12	8385	.06
$\frac{1}{2} \times \frac{1}{2}$	12	8796	.06
$1 \frac{1}{4} \times 1 \frac{1}{2}$	10	8388	.09
$2 \times 1 \frac{1}{2}$	9	8390	.11

OLIVER

Numerical List

Part No.	List Price	Weight	Material	Page No.	Part No.	List Price	Weight	Material	Page No.
C-334.....	\$.03	.04	Pipe	14	Z-32.....	\$6.00	27.00	G. I.	5
CK-50.....	.15	.28	Mall.	9	Z-33.....	1.15	2.97	G. I.	5
CP-240B.....	.45	1.06	G. I.	14	Z-34*.....	3.35	11.90	G. I.	5
CP-950.....	.45	1.12	G. I.	18,19,21	Z-35.....	.70	1.12	G. I.	2.5
CP-1288.....	.30	.37	G. I.	2,5	Z-36.....	1.00	2.25	G. I.	2.5
CP-5047.....	.10	.18	Steel	18,19,21	Z-37.....	.75	1.12	G. I.	5
CP-5054.....	.05	.12	Steel	22	Z-38.....	.40	.72	Mall.	5
CP-5620.....	.03	.06	Steel	5	Z-39.....	.40	.97	Mall.	5
CP-5689.....	.05	.15	Steel	5	Z-40.....	2.90	11.78	G. I.	5
CP-5727.....	.03	.06	Pipe	19	Z-41-X.....	1.90	6.94	G. I.	2.5
CP-6197.....	.15	.11	Steel	18	Z-42.....	.10	.34	G. I.	2.5
DH-5477.....	.05	.15	Steel	21	Z-43*.....	2.25	9.56	G. I.	4.5
DH-5706.....	.03	.09	Pipe	18	Z-43**.....	4.40	16.59	G. I.	4.5
DH-6207.....	.25	1.19	Steel	8	Z-44-A.....	1.45	2.90	Mall.	5
DP-5122.....	.03	.07	Steel	2,5	Z-45.....	.30	.53	G. I.	2.5
DP-5123.....	.10	.28	Steel	2,5	Z-46.....	1.25	.75	Bronze	2.5
ED-219.....	.50	1.31	G. I.	22	Z-47*.....	.50	1.30	Mall.	5
EP-586.....	.15	.28	G. I.	8	Z-48.....	1.10	2.15	Mall.	5
EP-638.....	.25	.37	Mall.	21	Z-49.....	.50	1.62	G. I.	5
EP-710.....	.10	.22	Mall.	2,5	Z-50.....	.10	.12	G. I.	2.5
EP-5177.....	.05	.11	Steel	18	Z-51.....	.05	.15	Mall.	2.5
EP-6702.....	.08	.09	Steel	22	Z-52.....	.45	.78	Mall.	5
F-202.....	.10	.25	Mall.	2,5,9,14,15,20	Z-53.....	2.30	4.62	Mall.	2.5
F-203.....	.10	.30	Mall.	2,5,9,14,15,20	Z-54.....	2.70	5.50	Mall.	2.5
F-512.....	.10	.37	G. I.	21	Z-55.....	.50	.87	Mall.	2.5
GX-38.....	.35	.31	Mall.	9	Z-56.....	1.70	3.56	Mall.	2.5
HH-13683*.....	24.00	81.50	Steel	4,5	Z-57.....	.45	.65	Mall.	2.5
HH-13684*.....	25.00	86.00	Steel	4,5	Z-58.....	1.10	2.15	Mall.	2.5
HH-13685*.....	27.00	96.75	Steel	4,5	Z-59.....	1.00	2.00	Mall.	2.5
HH-13686*.....	29.00	107.50	Steel	4,5	Z-60*.....	.30	.90	Mall.	2.5
HH-14931*.....	24.85	82.56	Steel	4,5	Z-61.....	.50	1.25	Mall.	2.5
HH-14932*.....	25.95	87.19	Steel	4,5	Z-62-A*.....	4.75	13.09	Mall.	5
HH-15290*.....	24.00	77.50	Steel	2,8	Z-63.....	2.10	4.44	Mall.	2.5
HH-15291*.....	25.00	82.00	Steel	2,8	Z-64.....	.25	.78	Mall.	2.5
HH-15292*.....	27.00	92.50	Steel	2,8	Z-65*.....	.30	1.19	Mall.	4.6
HH-15293*.....	29.00	101.75	Steel	2,8	Z-66.....	.15	.39	Mall.	4.6
MD-34.....	.40	.62	G. I.	9	Z-67-A*.....	2.25	5.00	Mall.	4.6
MD-37.....	.20	.37	Mall.	9	Z-68-X.....	4.25	28.00	G. I.	2.6
MD-44.....	3.50	17.12	G. I.	9	Z-69.....	.05	.12	Mall.	2.6
MD-45*.....	1.00	2.50	G. I.	9	Z-70.....	.10	.12	Mall.	2.6
MD-295.....	.18	.06	Steel	18	Z-71.....	.05	.06	Mall.	2.6
MD-382.....	.05	.06	Pipe	18	Z-72.....	.05	.09	Mall.	2.6
MS-156.....	.04	.12	Steel	18	Z-73*.....	.75	1.00	Mall.	6
MS-156 per 100.....	3.35	12.00	Steel	18	Z-74.....	.35	.19	Bronze	6
PT-37.....	2.55	5.50	Mall.	9	Z-75.....	.75	2.22	Mall.	2,6,8
PT-5078.....	2.85	13.75	Steel	9	Z-76.....	.20	.31	Mall.	2,6,8
PT-5079.....	.45	2.00	Steel	9	Z-77.....	.15	.37	Mall.	21
PT-5080.....	1.30	6.00	Steel	9	Z-78.....	7.50	40.25	G. I.	21
PT-5081.....	1.30	6.00	Steel	9	Z-79.....	7.50	41.00	G. I.	21
PT-5082.....	.35	1.50	Steel	9	Z-80-A.....	.25	.56	Mall.	21
PT-5083.....	.35	1.25	Steel	9	Z-81-A.....	.25	.56	Mall.	21
PT-5084.....	.35	1.22	Steel	9	Z-82*.....	3.15	8.00	Mall.	21
PT-5130.....	.15	.53	Steel	9	Z-83*.....	3.15	8.22	Mall.	21
PT-5140.....	.10	.12	Steel	2	Z-84-X.....	1.15	3.12	G. I.	21
RC-31.....	.10	.18	Mall.	18	Z-84-X*.....	4.00	14.00	G. I.	21
RC-348.....	.25	.25	G. I.	14	Z-85-X.....	1.15	3.25	G. I.	21
RC-540.....	.03	.06	Mall.	18	Z-85-X*.....	4.00	14.12	G. I.	21
RC-616.....	.65	1.59	Mall.	21	Z-86.....	.30	.50	Mall.	21
RC-789.....	.85	2.53	G. I.	21	Z-87.....	.30	.50	Mall.	21
RC-5043.....	.35	.69	Steel	18,19	Z-88.....	.10	.12	Mall.	21
RC-5372.....	.10	.19	Steel	22	Z-89*.....	1.25	2.67	Mall.	21
RC-5492.....	.15	.32	Steel	21	Z-90.....	.35	.40	Mall.	21
RC-5697.....	.05	.09	Steel	2,5	Z-91-X.....	1.60	3.22	Mall.	21
RC-6025*.....	1.00	2.04	Steel	14	Z-92-X.....	1.70	3.72	Mall.	21
RC-6126.....	.08	.40	Steel	18	Z-93.....	1.00	2.75	G. I.	21
RC-6541.....	.05	.09	Steel	21	Z-94.....	1.75	6.44	G. I.	21
RP-17.....	.30	.59	Mall.	2,5,18	Z-95.....	.60	1.87	G. I.	21
RP-18.....	.10	.23	Mall.	2,5	Z-97.....	.55	1.31	G. I.	21
RP-19.....	.35	.75	Mall.	18	Z-98.....	1.00	1.87	Mall.	21
RP-20-X.....	.10	.24	Mall.	18	Z-99.....	1.00	1.87	Mall.	21
RP-245.....	.05	.09	G. I.	2,5	Z-100-X.....	2.00	3.87	Mall.	21
RP-307.....	.05	.12	Mall.	14,18,19,21	Z-101.....	.30	.59	G. I.	21
RP-5412.....	.05	.28	Steel	14,21	Z-102.....	.30	.50	Mall.	21
RP-5413.....	.10	.42	Steel	2,5,14,18,21	Z-103.....	1.10	2.19	Mall.	21
RP-5414.....	.10	.63	Steel	2,5,14,18	Z-104.....	.50	.97	Mall.	21
RP-5415.....	.15	.93	Steel	2,5,18	Z-105.....	.50	.97	Mall.	21
RP-5496.....	.03	.09	Steel	18,19	Z-106-A.....	.20	.50	Mall.	21
SC-5028.....	.10	.13	Steel	8	Z-107.....	3.50	10.90	G. I.	22
WB-924.....	.10	.22	Steel	21	Z-108.....	1.10	2.34	Mall.	22
WC-5095.....	.20	1.03	Steel	18	Z-109.....	1.55	5.00	G. I.	22
Z-10.....	.05	.12	Mall.	14	Z-110.....	2.20	7.90	G. I.	22
Z-11-A.....	.30	.59	Mall.	14	Z-111.....	1.10	3.81	G. I.	22
Z-12.....	.15	.37	Mall.	14	Z-112.....	2.10	7.53	G. I.	22
Z-13.....	.40	.69	Mall.	14	Z-113.....	3.25	9.84	G. I.	22
Z-14.....	.30	.50	Mall.	14	Z-114.....	3.25	10.25	G. I.	22
Z-15.....	.30	.50	Mall.	14	Z-115.....	1.35	2.59	Mall.	22
Z-16.....	1.00	1.84	Mall.	14	Z-116.....	.60	1.25	Mall.	22
Z-17.....	.95	1.81	G. I.	14	Z-117.....	.40	.69	Mall.	22
Z-18-A*.....	.70	1.39	Mall.	14	Z-118.....	.45	.69	Mall.	2,6
Z-19.....	.65	1.47	Mall.	14	Z-119.....	.05	.06	Mall.	2,6
Z-20.....	1.85	3.62	Mall.	14	Z-120.....	.15	.28	G. I.	18,21
Z-21.....	1.85	3.72	Mall.	14	Z-121-X.....	2.25	10.25	G. I.	18,21
Z-22.....	1.25	2.56	Mall.	14	Z-122.....	5.75	27.31	G. I.	18
Z-23.....	3.15	11.00	G. I.	14	Z-123.....	2.00	7.47	G. I.	18
Z-24.....	2.00	4.00	Mall.	14	Z-124.....	2.00	7.25	G. I.	18
Z-25-A.....	1.65	3.12	Mall.	14	Z-125.....	.50	1.22	G. I.	18
Z-26.....	1.60	3.19	Mall.	14	Z-126.....	1.60	5.06	G. I.	18
Z-27.....	1.85	3.65	Mall.	14	Z-127.....	3.55	8.69	Mall.	18
Z-28-B*.....	2.10	5.09	Mall.	14	Z-128.....	1.60	3.44	Mall.	18
Z-29*.....	22.00	163.43	G. I.	5	Z-129-A.....	2.25	4.56	Mall.	18
Z-30*.....	13.50	108.00	G. I.	2,5	Z-130.....	2.60	5.22	Mall.	18

*Indicates "Part Complete"

**Indicates "Part Complete as Shipped"

OLIVER

Numerical List—Continued

Part No.	List Price	Weight	Material	Page No.	Part No.	List Price	Weight	Material	Page No.
Z-131	\$.60	1.81	G. I.	18	Z-5055	\$1.15	5.39	Steel	15
Z-132	.40	1.12	G. I.	18	Z-5056	1.15	5.19	Steel	15
Z-133	1.25	2.50	Mall.	18	Z-5057	1.15	5.50	Steel	15
Z-134	2.90	6.22	Mall.	18,19	Z-5058	1.15	5.38	Steel	15
Z-135	.50	.94	Mall.	18,19	Z-5059	1.15	5.50	Steel	15
Z-136-X	1.00	3.25	G. I.	18,19	Z-5060	1.15	5.39	Steel	15
Z-137	1.90	4.00	Mall.	18,19	Z-5061	1.40	6.65	Steel	15
Z-138-A	3.25	7.06	Mall.	18	Z-5062	1.40	6.47	Steel	15
Z-139	.30	.40	Mall.	18	Z-5063	1.40	6.65	Steel	15
Z-140	4.60	12.25	Mall.	20	Z-5064	1.40	6.47	Steel	15
Z-141-X	1.20	3.56	G. I.	18	Z-5065	1.40	6.53	Steel	15
Z-141-X*	4.90	14.50	G. I.	18	Z-5066	1.40	6.40	Steel	15
Z-142-X	4.00	21.37	G. I.	18	Z-5067	1.40	6.53	Steel	15
Z-143	2.15	6.44	G. I.	18	Z-5068	1.40	6.40	Steel	15
Z-144-A	1.10	3.31	G. I.	18	Z-5069	1.45	7.00	Steel	15
Z-145	.60	1.87	G. I.	18	Z-5070	1.45	7.09	Steel	15
Z-146-A	5.50	32.50	G. I.	18	Z-5071	1.45	7.00	Steel	15
Z-147-B	.25	.40	Mall.	2,6,18	Z-5072	1.45	7.09	Steel	15
Z-148	.10	.22	Mall.	21	Z-5073	1.45	7.18	Steel	15
Z-149	.15	.28	Mall.	21	Z-5074	1.45	7.12	Steel	15
Z-150*	18.50	153.00	G. I.	2,6	Z-5075	1.45	7.18	Steel	15
Z-151	1.70	3.50	Mall.	8	Z-5076	1.45	7.12	Steel	15
Z-152	1.20	2.69	Mall.	8	Z-5077	.40	1.56	Steel	15
Z-153	.60	.37	G. I.	8	Z-5078	.40	1.62	Steel	15
Z-154*	.60	1.06	Bronze	2,6	Z-5079	.40	1.53	Steel	15
Z-155	6.15	36.50	G. I.	21	Z-5080	.40	1.53	Steel	15
Z-156*	.35	1.25	Mall.	4,6	Z-5081	.30	2.00	Steel	15
Z-157*	4.90	12.69	Mall.	6	Z-5082	.40	2.39	Steel	15
Z-158	.25	1.00	Mall.	6	Z-5083	.30	2.00	Steel	15
Z-162	3.15	8.94	Mall.	9	Z-5084	.40	2.39	Steel	15
Z-163*	2.25	10.50	G. I.	2,8	Z-5085	.35	2.25	Steel	15
Z-163**	4.40	17.50	G. I.	2,8	Z-5086	.45	2.85	Steel	15
Z-164*	10.25	76.50	G. I.	2,6	Z-5087	.35	2.25	Steel	15
Z-165*	22.00	167.25	G. I.	2	Z-5088	.45	2.85	Steel	15
Z-166*	.30	.83	Mall.	2,8	Z-5089	6.50	27.32	Steel	6
Z-167	1.15	2.37	Mall.	2	Z-5090	1.00	1.00	Steel	2,6
Z-168	.15	.47	Mall.	2,8	Z-5091	.85	2.50	Steel	6
Z-169	.80	1.59	Mall.	2	Z-5094	1.75	3.90	Steel	6
Z-170	1.00	1.59	Mall.	2	Z-5095	.60	.53	Steel	6
Z-171*	.60	1.43	Mall.	2	Z-5096	.03	.03	Steel	6
Z-172	1.90	7.25	G. I.	2	Z-5097	.30	.19	Steel	6
Z-173*	4.75	12.90	Mall.	2,6	Z-5098	.02	.02	Steel	6
Z-174*	2.25	4.84	Mall.	2,8	Z-5099	.10	.09	Steel	6
Z-175	5.50	23.25	G. I.	2	Z-5100	.02	.03	Steel	6
Z-176	1.00	2.19	G. I.	2	Z-5101	.25	.65	Steel	6
Z-177	3.25	13.03	G. I.	2	Z-5103	2.10	6.97	Steel	2,6
Z-178	4.75	23.00	G. I.	2	Z-5104	.07	.06	Steel	2,6
Z-179	.45	1.03	Mall.	2,6	Z-5105*	.10	.93	Steel	2,6
Z-180	3.90	16.50	G. I.	18	Z-5106*	.10	.41	Steel	6
Z-5001*	1.60	9.20	Steel	14	Z-5107	7.00	30.50	Steel	2,6
Z-5002	.20	.19	Steel	14	Z-5108	.55	.84	Steel	2,6
Z-5003	3.00	15.00	Steel	14	Z-5109	.15	.19	Steel	2,6
Z-5004	3.70	18.62	Steel	14	Z-5110	1.75	7.81	Steel	2,6
Z-5005	4.00	20.50	Steel	14	Z-5111*	2.10	8.53	Steel	2,6
Z-5006	6.90	35.50	Steel	14	Z-5112*	1.15	1.90	Steel	2,6
Z-5007	3.45	16.84	Steel	14	Z-5113*	1.50	4.16	Steel	2,6
Z-5008	.20	.90	Steel	14	Z-5114*	.95	2.66	Steel	2,6
Z-5010	.25	.87	Steel	14	Z-5115	.40	1.62	Steel	2,6,8
Z-5011*	.05	.56	Steel	14	Z-5116	.35	1.50	Steel	2,6
Z-5012*	2.20	5.69	Steel	14	Z-5117	.06	.19	Steel	2,6
Z-5013	.75	3.78	Steel	14	Z-5118	.10	.37	Steel	2,6
Z-5014	.20	.81	Steel	14	Z-5119	.10	.16	Steel	2,6,8,9
Z-5016	.05	.25	Pipe	14	Z-5120	.30	.65	Steel	2,6
Z-5017	.10	.56	Steel	14	Z-5124	.08	.28	Steel	2,6
Z-5019*	.10	.31	Steel	14	Z-5125	.15	.65	Steel	2,6
Z-5020*	8.45	39.15	Steel	14	Z-5126	.15	.37	Steel	3,6
Z-5021*	10.05	46.90	Steel	14	Z-5127	.05	.28	Steel	3,6
Z-5022*	10.10	47.15	Steel	14	Z-5128*	1.00	3.28	Steel	6
Z-5023	18.40	88.90	Steel	14	Z-5129	.10	.15	Steel	6
Z-5024	.10	.09	Steel	14	Z-5130	2.50	12.34	Steel	3,6
Z-5025	.10	.12	Steel	14	Z-5131	.50	1.37	Steel	6
Z-5026	.01	.03	Steel	2,6,14	Z-5132	.10	.09	Steel	6
Z-5027	.05	.19	Steel	14	Z-5133	.10	.31	Steel	6
Z-5028	.05	.19	Steel	14	Z-5134	.05	.09	Steel	6
Z-5029	1.00	4.25	Steel	14	Z-5135	.15	.24	Steel	6
Z-5030	1.00	4.50	Steel	14	Z-5136	.12	.19	Steel	6
Z-5031	1.30	5.60	Steel	15	Z-5137	.80	3.78	Steel	3,6
Z-5032	1.00	4.75	Steel	15	Z-5138	.30	.75	Steel	3,6
Z-5033	1.40	6.87	Steel	15	Z-5139	.90	3.81	Steel	6
Z-5034	1.50	7.25	Steel	15	Z-5140	.35	1.53	Steel	3,6
Z-5035	1.85	9.00	Steel	15	Z-5141*	.60	1.33	Steel	3,6
Z-5036	1.00	4.75	Steel	15	Z-5142	.15	.44	Steel	3,6
Z-5037	1.40	6.87	Steel	15	Z-5144	.35	1.50	Steel	3,6
Z-5038	1.50	7.25	Steel	15	Z-5146	.20	.34	Steel	3,6
Z-5039	1.85	9.00	Steel	15	Z-5147*	.11	.32	Steel	3,6
Z-5040	1.10	4.97	Steel	15	Z-5148	.15	.19	Steel	3,6
Z-5041	1.10	4.97	Steel	15	Z-5149	7.00	23.00	Steel	4,6
Z-5042	.55	2.53	Steel	15	Z-5150	7.50	26.00	Steel	4,6
Z-5043	.65	3.12	Steel	15	Z-5151	8.50	31.00	Steel	4,6
Z-5044	.70	3.31	Steel	15	Z-5152	9.50	36.00	Steel	4,6
Z-5045	.85	4.22	Steel	15	Z-5155	.10	.25	Steel	4,6
Z-5046	.10	.21	Steel	15	Z-5156	.10	.34	Steel	4,6
Z-5047	.07	.15	Steel	15	Z-5157	.75	2.25	Steel	4,6
Z-5048	.10	.15	Steel	15	Z-5158	.05	.12	Steel	4,6
Z-5049	.40	2.00	Steel	15	Z-5163	.05	.09	Steel	4,6
Z-5050*	.10	.19	Steel	15	Z-5164	.05	.06	Steel	3,6
Z-5051	.25	.69	Steel	21	Z-5165	.25	.59	Steel	3,6
Z-5052	.08	.22	Steel	15	Z-5166	.15	.34	Steel	3,6
Z-5053	.30	1.18	Steel	15	Z-5167	.10	.34	Steel	3,6
Z-5054	1.15	5.36	Steel	15	Z-5168	.30	.94	Steel	3,6
Z-5055	1.15	5.19	Steel	15	Z-5169	.30	.75	Steel	3,6

*Indicates "Part Complete"

**Indicates "Part Complete as Shipped"

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Part No.	List Price	Weight	Material	Page No.	Part No.	List Price	Weight	Material	Page No.
Z-5170	\$.20	.75	Steel	3,6	Z-5270	\$.20	.53	Steel	21
Z-5171	.20	.94	Steel	3,6	Z-5271	.15	.47	Steel	21
Z-5172	.08	.12	Steel	3,6	Z-5272	1.60	7.75	Steel	23
Z-5173*	.10	.22	Steel	3,6	Z-5273	1.45	6.56	Steel	23
Z-5174*	.10	.21	Steel	3,6	Z-5274	2.75	13.69	Steel	23
Z-5175	.80	2.50	Steel	3,6,8	Z-5275	3.50	16.75	Steel	23
Z-5176	.15	.23	Steel	3,6,8	Z-5276	1.00	4.75	Steel	23
Z-5177	.10	.06	Steel	3,6,8	Z-5277	.20	1.78	Steel	23
Z-5178	.05	.06	Steel	3,6,8	Z-5278	1.00	4.56	Steel	23
Z-5179	.15	.17	Steel	3,6,8	Z-5279	1.70	7.38	Steel	23
Z-5180	.40	.72	Steel	3,7	Z-5280*	.80	3.36	Steel	23
Z-5181	.02	.03	Steel	7	Z-5281	.15	.53	Steel	23
Z-5182*	1.15	6.23	Steel	3,7	Z-5284	1.15	5.59	Pipe	23
Z-5183	.15	.19	Steel	3,7	Z-5285	.50	1.53	Steel	23
Z-5184	.25	.37	Steel	3,7	Z-5286	.15	.37	Steel	23
Z-5185	.15	.12	Steel	3,7	Z-5287	.03	.03	Steel	23
Z-5186*	.11	.22	Steel	3,7	Z-5288	.35	1.44	Steel	23
Z-5187	.05	.09	Steel	3,7	Z-5289	.30	1.09	Steel	23
Z-5188*	.50	1.56	Steel	3,7	Z-5290	.60	2.28	Steel	23
Z-5189	.04	.06	Steel	3,7,8	Z-5291	.15	.25	Steel	23
Z-5190	.35	.81	Steel	3,7	Z-5292	.25	.81	Steel	23
Z-5191	3.25	16.00	Steel	21	Z-5293	.50	1.90	Steel	23
Z-5192	3.25	16.00	Steel	21	Z-5294	.30	.87	Steel	23
Z-5193	2.80	14.00	Steel	21	Z-5295	.20	.40	Steel	24
Z-5194	2.60	12.50	Steel	21	Z-5296	.15	.18	Steel	24
Z-5195	2.60	12.50	Steel	21	Z-5297	.03	.01	Steel	24
Z-5196	2.00	10.00	Steel	21	Z-5297 Per Doz.	.25	.11	Steel	24
Z-5197	3.75	18.00	Steel	21	Z-5298	.20	.25	Steel	3,7
Z-5198	2.10	11.00	Steel	21	Z-5299*	2.65	6.50	Steel	5,7
Z-5199	2.10	11.00	Steel	21	Z-5300*	2.75	7.00	Steel	5,7
Z-5200	.10	.50	Steel	21	Z-5301*	3.00	9.00	Steel	5,7
Z-5201	.80	3.06	Steel	21	Z-5302*	3.40	10.25	Steel	5,7
Z-5202*	3.00	11.96	Steel	21	Z-5303*	7.60	14.64	Steel	21
Z-5203*	3.00	11.96	Steel	21	Z-5304*	1.15	3.50	Steel	24
Z-5204	3.25	16.00	Steel	21	Z-5305	.20	.75	Steel	18
Z-5205	.35	1.50	Steel	21	Z-5306	.30	1.06	Steel	18
Z-5206	.35	1.65	Steel	21	Z-5308	2.20	10.84	Steel	20
Z-5207*	1.70	6.00	Steel	21	Z-5309	.25	1.09	Steel	18
Z-5208*	1.70	6.50	Steel	21	Z-5310	.35	1.59	Pipe	20
Z-5209	1.90	7.50	Steel	21	Z-5311	.20	.87	Pipe	18
Z-5210	.30	.94	Steel	21	Z-5312	.05	.12	Steel	18
Z-5211	.15	.53	Steel	21	Z-5313	.07	.12	Steel	18
Z-5212	.25	.97	Steel	21	Z-5315	.45	2.03	Steel	18
Z-5213	1.85	9.00	Pipe	21	Z-5316	.10	.19	Steel	20
Z-5214	.50	1.69	Steel	21	Z-5317	3.65	16.50	Pipe	18
Z-5215	.02	.09	Steel	21	Z-5318	3.75	17.25	Pipe	18
Z-5216	8.00	44.25	Steel	21	Z-5319	4.00	18.25	Pipe	18
Z-5217	.10	.17	Steel	7,21	Z-5320	.05	.15	Steel	18
Z-5218	.05	.03	Steel	21,22	Z-5321	.15	.28	Steel	18
Z-5219	.05	.03	Steel	21	Z-5322*	.80	3.50	Steel	18
Z-5220	.10	.06	Steel	18,21,23	Z-5323	.05	.16	Steel	18
Z-5221	.25	.09	Steel	21	Z-5324	.05	.12	Steel	18
Z-5222	1.80	9.12	Pipe	21	Z-5325	.70	1.84	Steel	18
Z-5223*	.45	2.00	Steel	21	Z-5326	.70	2.28	Steel	18
Z-5224	.10	.50	Steel	21	Z-5327	.80	3.75	Steel	18
Z-5225	.55	2.44	Steel	21	Z-5328	.25	1.03	Steel	18
Z-5226	.20	.72	Steel	21	Z-5329*	1.75	7.00	Steel	18
Z-5227	.20	.72	Steel	21	Z-5330	.55	1.87	Steel	18
Z-5228	.03	.09	Steel	21	Z-5331	.20	.90	Steel	18
Z-5229	.03	.06	Steel	18,21	Z-5332	2.00	9.00	Steel	18
Z-5229 Per Doz.	.25	.78	Steel	21	Z-5333	.90	4.06	Steel	18
Z-5230	1.35	6.00	Steel	21	Z-5334	.65	3.07	Steel	18
Z-5231	1.35	6.00	Steel	21	Z-5335	.20	.84	Steel	18
Z-5232	.65	3.00	Steel	21	Z-5336	See Z-5322* or Z-5346*		Steel	18
Z-5233	.15	.62	Steel	21	Z-5337	See Z-5322* or Z-5346*		Steel	18
Z-5234*	1.20	5.77	Steel	21	Z-5338	See Z-5346*		Steel	18
Z-5235	.03	.06	Steel	21	Z-5339	.15	.69	Steel	18
Z-5236*	.40	1.58	Steel	21	Z-5340	.05	.03	Pipe	18
Z-5237	.35	1.47	Steel	21	Z-5341	.20	.59	Steel	18
Z-5238*	.40	1.08	Steel	21	Z-5342*	1.00	2.82	Steel	18
Z-5239	4.25	24.19	Steel	21	Z-5343	.50	1.56	Steel	18
Z-5240	.50	1.50	Steel	21	Z-5344	1.00	4.28	Steel	18
Z-5241	.20	.65	Steel	21	Z-5345	1.10	4.75	Steel	18
Z-5242	.10	.12	Steel	21	Z-5346*	.80	3.84	Steel	18
Z-5243	.10	.08	Steel	21	Z-5347	.65	3.06	Steel	18
Z-5244	.01	.03	Steel	21	Z-5348	.65	3.22	Steel	18
Z-5245	1.00	4.50	Steel	21	Z-5349	2.75	11.69	Steel	18,19
Z-5246	.10	.40	Steel	21	Z-5351	4.70	23.00	Steel	18
Z-5247	.15	.56	Steel	21	Z-5352	.35	1.62	Steel	18
Z-5248	.35	1.69	Steel	21	Z-5353	.50	2.31	Steel	19
Z-5249	.30	1.40	Steel	21	Z-5354	.20	1.94	Steel	19
Z-5250	.20	.06	Steel	21	Z-5355	2.00	9.50	Steel	19
Z-5251	1.10	4.44	Steel	21	Z-5356	2.00	9.56	Steel	19
Z-5252	.10	.25	Steel	21	Z-5357	.10	.25	Steel	18,19
Z-5253	.15	.62	Steel	21	Z-5358	5.75	30.00	Steel	18
Z-5254	1.50	5.88	Steel	21	Z-5359	6.00	32.00	Steel	18
Z-5255	.35	1.34	Steel	21	Z-5360	7.50	43.00	Steel	18
Z-5256	.15	.33	Steel	21	Z-5361	.25	1.22	Steel	18
Z-5257	.15	.21	Steel	21	Z-5362	.85	3.89	Steel	18
Z-5258	.05	.09	Steel	21	Z-5363	.90	4.15	Steel	18
Z-5259	.30	.97	Steel	21	Z-5364	1.00	4.40	Steel	18
Z-5260	.25	.69	Steel	21	Z-5365	5.50	27.50	Steel	18
Z-5261	.40	1.03	Steel	21	Z-5366	5.75	29.25	Steel	18
Z-5262	.10	.12	Steel	21	Z-5367	6.00	40.50	Steel	18
Z-5263	.50	1.31	Steel	21	Z-5368	5.25	26.25	Pipe	18
Z-5264	.50	1.81	Steel	21	Z-5369	5.75	28.25	Pipe	18
Z-5265	.40	1.12	Steel	21	Z-5370	6.00	30.15	Pipe	18
Z-5266	.40	1.12	Steel	21	Z-5372	.20	.72	Steel	18
Z-5267	.50	1.50	Steel	21	Z-5373	.10	.09	Steel	18
Z-5268	.50	1.50	Steel	21					
Z-5269	.20	.53	Steel	21					

*Indicates "Part Complete"

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Part No.	List Price	Weight	Material	Page No.	Part No.	List Price	Weight	Material	Page No.
Z-5374.....	\$.90	3.69	Steel	18	Z-5511.....	\$.10	.06	Steel	3
Z-5375.....	.25	1.15	Steel	18	Z-5512.....	.10	.09	Steel	3
Z-5376.....	.30	.90	Steel	18	Z-5513.....	.85	.09	Felt	3
Z-5377.....	.10	.12	Steel	18	Z-5515*	.20	.12	Steel	3
Z-5378.....	.10	.37	Steel	19	Z-5516*	2.00	9.59	Steel	15
Z-5379.....	2.15	10.50	Steel	19	Z-5517.....	.30	1.37	Steel	15
Z-5380*	2.30	13.15	Steel	19	Z-5518.....	.10	.09	Steel	15
Z-5381.....	2.10	10.25	Steel	19	Z-5519	See—			
Z-5382.....	3.50	17.00	Steel	19	Z-5520*		4.25	Steel	
Z-5383*	1.75	7.15	Steel	19	Z-5520*	1.40	4.37	Steel	19
Z-5384.....	.20	1.00	Steel	19	Z-5521.....	2.35	11.00	Steel	15
Z-5385.....	.60	2.65	Steel	19	Z-5524*	15.25	109.00	Steel	19
Z-5386.....	.10	.28	Steel	19	Z-5525*	15.25	109.00	Steel	19
Z-5387.....	.20	.94	Steel	19	Z-5526*	.10	.41	Steel	3
Z-5389.....	.75	3.62	Steel	19	Z-5527.....	.03	.02	Steel	3
Z-5390.....	.06	.12	Steel	19	Z-5528*	1.00	3.12	Steel	9
Z-5391.....	.35	1.62	Steel	19	Z-5529	See—			
Z-5392.....	2.60	13.25	Steel	19	Z-5528*		.81	Steel	9
Z-5393*	10.50	54.00	Steel	19	Z-5530.....	.50	1.81	Steel	9
Z-5394*	10.50	54.00	Steel	19	Z-5531.....	.25	.87	Steel	9
Z-5395.....	1.25	.72	Steel	19,22	Z-5532.....	.15	.34	Steel	9
Z-5396.....	1.50	1.37	Steel	19	Z-5534.....	6.50	27.00	Steel	3
Z-5398*	2.70	13.40	Steel	24	Z-5535.....	.10	.09	Steel	3
Z-5399.....	1.25	1.40	Steel	22	Z-5536.....	.12	.20	Steel	3
Z-5400*	10.50	52.00	Steel	22	Z-5538.....	.06	.12	Steel	3,8
Z-5401.....	4.50	22.00	Steel	22	Z-5539*	2.90	6.50	Steel	3,8
Z-5402.....	.20	.28	Steel	24	Z-5540*	3.00	7.00	Steel	3,8
Z-5403*	10.50	52.00	Steel	22	Z-5541*	3.25	9.00	Steel	3,8
Z-5404*	11.75	59.00	Steel	15	Z-5542*	3.65	10.25	Steel	3,8
Z-5405*	15.00	78.00	Steel	15	Z-9001.....	1.75	9.82	Wood	15
Z-5407.....	.06	.12	Steel	7	Z-9002.....	2.00	13.00	Wood	15
Z-5412.....	1.35	6.50	Steel	8	Z-9003.....	1.75	8.09	Wood	15
Z-5413.....	.50	2.03	Steel	8	Z-9004.....	.65	3.34	Wood	15
Z-5414.....	.25	.69	Steel	8	Z-9005*	1.50	5.62	Wood	3,7
Z-5415.....	.10	.22	Steel	8	Z-9006.....	.35	1.00	Wood	3,7
Z-5416.....	1.55	7.75	Steel	8	Z-9007*	4.00	26.00	Wood	3,7
Z-5417.....	1.30	6.50	Steel	8	Z-9008.....	1.50	5.25	Wood	22
Z-5418.....	.10	.53	Steel	8	Z-9009.....	1.50	5.25	Wood	22
Z-5419.....	.85	8.40	Pipe	9	Z-9010.....	.65	1.62	Wood	22
Z-5420.....	1.30	6.00	Steel	9	Z-9011.....	.65	1.62	Wood	22
Z-5421.....	.20	.28	Steel	9	Z-9012.....	.25	1.75	Wood	22
Z-5422.....	.15	.72	Steel	9	Z-9013.....	.60	1.00	Wood	22
Z-5423.....	.08	.14	Steel	3,7	Z-9014.....	.30	.56	Wood	22
Z-5424.....	1.85	9.00	Steel	9	Z-9015.....	.50	1.44	Wood	4,7
Z-5425.....	1.60	8.00	Steel	9	Z-9015*	1.90	5.62	Wood	4,7
Z-5426.....	.20	.53	Steel	9	Z-9016*	4.25	24.43	Wood	19
Z-5427.....	.35	1.50	Steel	9	Z-9017*	2.20	5.65	Wood	4,7,20
Z-5429.....	.05	.03	Steel	3,7	Z-9018.....	1.40	13.00	Wood	
Z-5432*	.25	.80	Steel	3,7	Z-9019*	1.75	12.75	Wood	9
Z-5433.....	.06	.12	Steel	5,7	Z-9020.....	1.50	9.50	Wood	9
Z-5434*	2.90	6.50	Steel	5,7	Z-9030.....	3.50	18.75	Wood	9
Z-5435*	3.00	7.00	Steel	5,7	Z-9031.....	2.00	12.25	Wood	9
Z-5436*	3.25	9.00	Steel	5,7	Z-9032*	1.75	15.50	Wood	8
Z-5437*	3.65	10.25	Steel	5,7	998.....	.05	.07	Steel	9
Z-5438.....	.60	2.12	Steel	24	999.....	.10	.14	Steel	4,7,19
Z-5439.....	.10	.09	Steel	3,7	1053*	.25	1.01	Steel	4,7,15,20
Z-5443.....	.20	.78	Steel	7	1678.....	1.10	6.45	Wood	4,7,20
Z-5444.....	.90	3.75	Steel	7	1914*	.85	2.16	Wood	4,7,20
Z-5460*	.11	.22	Steel	7	2251.....	1.65	4.13	Steel	4,7,15,19
Z-5463.....	1.15	5.25	Steel	9	2380.....	.15	.31	Steel	4,7
Z-5464.....	1.00	4.47	Steel	9	2914.....	.03	.04	Steel	19
Z-5465.....	.45	1.65	Steel	9	2991*	1.65	9.72	Wood	15
Z-5468.....	.65	2.15	Steel	9	3382.....	.03	.04	Pipe	22
Z-5469*	31.75	72.50	Steel	3,7	3904*	.30	.68	Mall.	4,7,15,20
Z-5470.....	7.50	41.00	Steel	19	3991*	.85	3.25	Wood	9,15
Z-5471.....	.10	.11	Steel	19	4998.....	.03	.03	Steel	4,7,15,19,22
Z-5472.....	.10	.22	Steel	3,8	5275.....	.05	.18	Steel	4,7,15
Z-5473.....	.05	.12	Steel	3,8	6021.....	.10	.10	Steel	19
Z-5474.....	.05	.05	Steel	3,8	6058.....	.10	.37	Steel	4,7,9,15,20
Z-5475.....	.10	.31	Steel	3,8	6159.....	.05	.04	Steel	22
Z-5476.....	7.00	23.25	Steel	3,8	6501.....	.05	.03	Steel	15,19,22
Z-5477.....	7.50	26.25	Steel	3,8	6655.....	.05	.06	Steel	19
Z-5478.....	8.50	31.00	Steel	3,8	6707*	.25	.37	Steel	15,20
Z-5479.....	9.50	35.00	Steel	3,8	7322.....	.03	.06	Steel	24
Z-5480.....	.90	4.79	Steel	3,7	7322 Per 100.....	1.95	6.00	Steel	24
Z-5481*	2.65	7.25	Steel	3,8	7329*	.55	2.03	Steel	19
Z-5482*	2.75	7.75	Steel	3,8	7332.....	.20	.06	Steel	4,7
Z-5483*	3.00	9.06	Steel	3,8	7333.....	.12	.03	Steel	4,7,9,19,22,24
Z-5484*	3.40	10.00	Steel	3,8	7486.....	.03	.06	Steel	22
Z-5489.....	.75	2.06	Steel	3,8	7486 Per 100 Links	2.15	6.00	Steel	22
Z-5490.....	1.25	1.15	Bronze	3	7487.....	.08	.15	Steel	22
Z-5491.....	.25	.69	Steel	3	7487 Per 100 Links	7.00	14.50	Steel	22
Z-5492.....	6.50	27.00	Steel	3	7492.....	.07 1/2	.16	Steel	19
Z-5493.....	1.75	3.62	Steel	3	7492 Per 100 Links	6.20	15.50	Steel	19
Z-5494.....	.05	.03	Steel	3	7596 Per 100.....	3.35	.09	Steel	4,7
Z-5495.....	.85	2.37	Steel	3	7611 Per 100.....	6.45	.17	Steel	7
Z-5496.....	.02	.01	Steel	3	7617 Per 100.....	6.95	.20	Steel	7
Z-5497.....	.10	.06	Bronze	3	7695 Per 100.....	6.70	.18	Steel	4,7
Z-5498.....	.03	.01	Leather	3	7856.....	.07	.52	Steel	4,7
Z-5499.....	.10	.03	Felt	3	7860.....	.09	.73	Steel	19
Z-5500.....	1.65	8.12	Steel	8	8018.....	.03	.18	Steel	7
Z-5501.....	.25	.84	Steel	8	8491.....	.15	.17	Rope	8
Z-5502.....	.40	2.09	Steel	8	8844.....	.03	.15	Steel	
Z-5503.....	1.00	4.56	Steel	8	9003*	.25	.84	Steel	19
Z-5504.....	.70	3.50	Steel	8	9016*	.25	.52	Rope	22
Z-5505.....	.55	2.62	Steel	8	9017.....	.35	.75	Rope	22
Z-5506*	1.10	5.25	Steel	8	9024*	.15	1.00	Steel	4,7
Z-5507	See—				9025*	.15	1.00	Steel	7
Z-5508.....	1.00	2.37	Steel	8	9026*	.15	1.00	Steel	4,7
Z-5510.....	.12	.22	Steel	3	9028*	.15	1.00	Steel	5,7
					9029*	.15	1.00	Steel	4,7

*Indicates "Part Complete"

OLIVER

Numerical List—Continued

Part No.	List Price	Weight	Material	Page No.	Part No.	List Price	Weight	Material	Page No.
9030*	\$.15	1.00	Steel	4,7	9228	\$.03	.12	Steel	5,7
9035	.15	.22	Steel	4,7	9231 Per Doz	.07	.02	Wire	22
9036	.20	.09	Steel	4,7	9261*	.15	1.00	Steel	4,7
9037	.20	.15	Steel	4,7	9262*	.15	1.00	Steel	4,7,8
9038 Per 100	7.25	.18	Steel	4,7	9372	.10	.09	Steel	4
9039	.03	.10	Steel	4,7	9373	.05	.06	Steel	
9040	.03	.12	Steel	4,7	9375*	.15	1.00	Steel	4,8
9134*	.20	1.00	Steel	22	9376	.03	.08	Steel	4,8
9135	.02	.01	Steel	22	9377	.03	.11	Steel	4,8
9158*	.45	1.09	Steel	19	9480	1.60	.57	Steel	4,7
9159*	.16	.42	Steel	22	9481	2.00	.97	Steel	4,7,19,22
9160*	.52	1.09	Steel	22	17988	2.75	11.75	Steel	19
9219	.04	.23	Steel	15	23809*	12.00	46.00	Steel	4,7

*Indicates "Part Complete"

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