2013.57.3.01

McC. 280 40M-9-15-05.

Preserve this Pamphlet for Reference when Repairs are Wanted.

DIRECTIONS

FOR

SETTING UP AND OPERATING

THE

McCORMICK

New 4, and New Big 4 Mowers

WITH

PRICE LIST AND PLATES OF DUPLICATE PARTS

IMPORTANT RULES

1. See that your machine is properly set up and adjusted, as instructed in these directions.

2. Be sure that all nuts are screwed up perfectly tight. Watch all bolts and nuts on your machine and keep them tight.

3. See that the machine runs free in every part before putting it to work in the field.

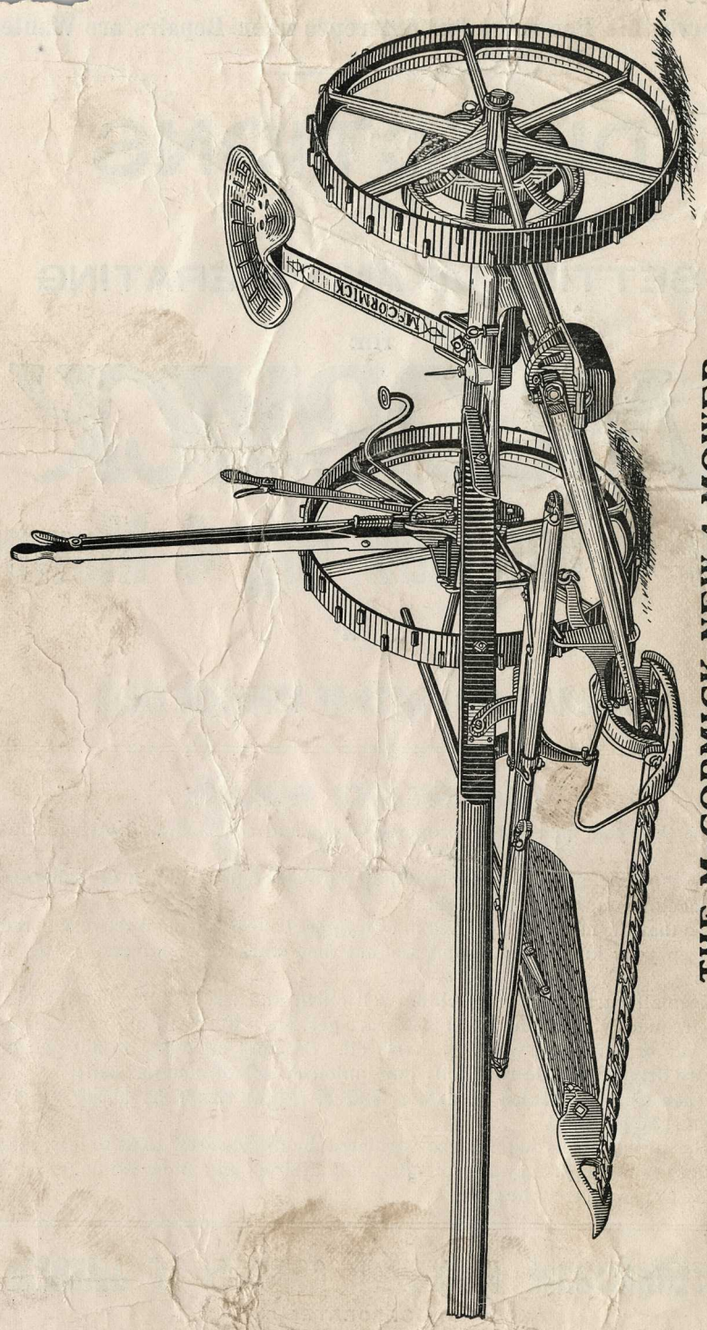
4. Keep your knives sharp, and see that they work free and easy in the fingers and shoes.

5. Keep all parts of your machine well oiled, and use nothing but the best lard oil. Oil frequently, and never let any part get dry. Keep all oil cups filled with cotton waste or tow, and well filled with oil. See that oil holes do not get stopped up. Before driving on the road, oil spur pinion at left of counter shaft.

6. **When team is hitched to Mower, end of tongue should be about 2 feet and 8 inches from the ground.**

7. The tilting lever dog may be regulated by its set screw so as to lock the finger bar at every notch, or it may stop on any notch desired, and allow the finger bar to tilt voluntarily to pass over stones, etc.

INTERNATIONAL HARVESTER COMPANY OF AMERICA,
(INCORPORATED.)
CHICAGO, U. S. A.
OFFICE: MICHIGAN AVENUE AND MONROE STREET.



THE McCORMICK NEW 4 MOWER

2013.57.3.01

DIRECTIONS
FOR SETTING UP
McCormick New 4, and New Big 4 Mowers

1. Bolt the tongue in place on frame, and at the same time secure lifting lock M 662 in place on tongue. Hook lifting spring link to the front, to flat connection attached to lever holder.

2. Tilt shoe hinge up in front and hook in draft rod M 674 from above so that end of hook is underneath, and hook other end into draft bracket M 807, and bolt the latter, with doubletree in place to tongue.

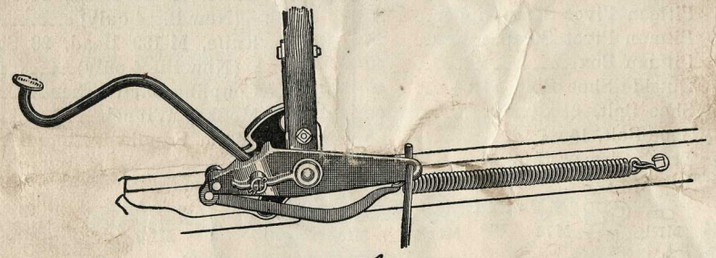
3. Attach finger bar to shoe hinge. Hook gag lever M 726 into eye of lifting lever connection, and double bent end of this connection into front end of lever casting M 762 from the right. Raise foot lever as high as possible, and slip gag lever on to stud on shoe hinge and secure it there.

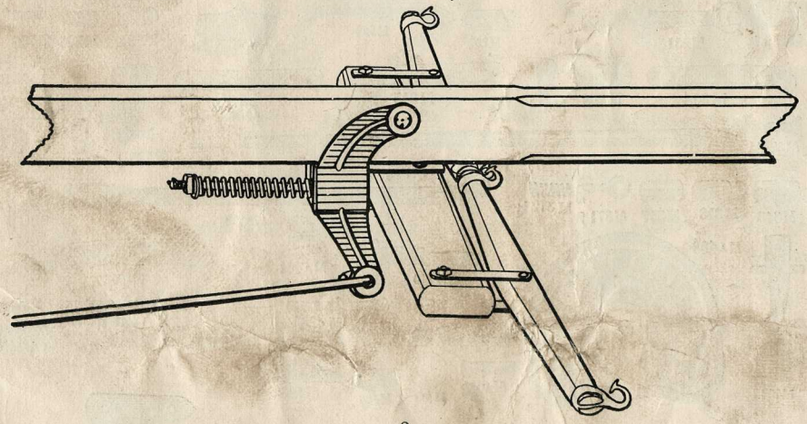
4. Hook curved end of Tilting rod in arm on shoe hinge, and short bent end into tilting lever from left side, and bolt lever in place.

5. Slip in knife and see that it works freely; attach pitman to crank wheel, then to knife, using small wrench M 231 to open socket plates so that they will slip on to the knife head. **Keep the pitman bolt screwed up snug, but not so tight as to bind.** Attention to this will prevent wear or breakage.

6. Slip long end of pitman guard through hole under shoe hinge, then the short end back into holes in pitman crank shield, and secure with cotter. Attach separator rod M 666 to inside shoe, and track clearer board to outsde shoe, and bolt on stick and put on seat.

7. To fold the finger bar, simply raise it and see that the locking dog falls into place. To let it down, push towards machine and raise the lock.

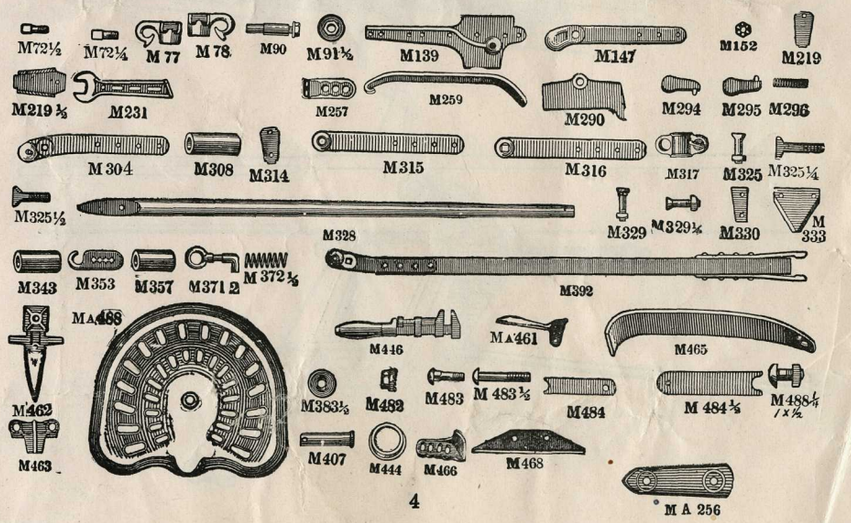




PRICE LIST OF REPAIR PARTS

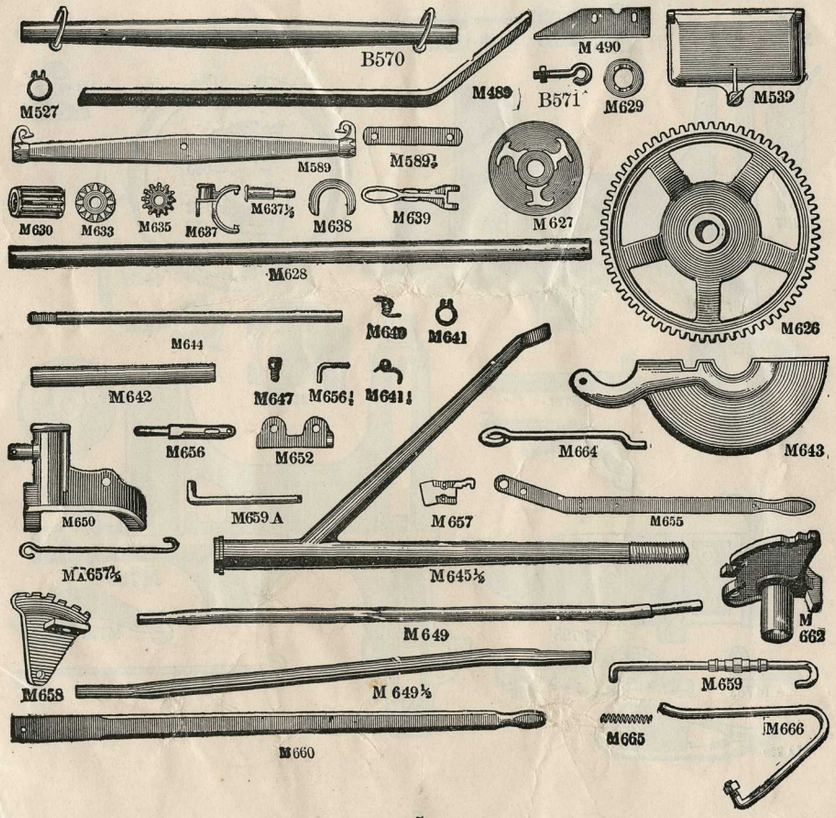
Cat. No.	Name.	Price.
M 72¼	Bushing Set Screw, ¾ x ⅜	$0 05
M 72½	Bushing Set Screw, ½ x ⅜	05
M 77	Singletree Hook, right	10
M 78	Singletree Hook, left	10
M 90	Wrist Pin	50
M 91½	Wrist Pin Nut	05
M 132	Section Rivets, ½ per lb.	15
M 139	Knife Head	25
M 147	Socket Strap for Pitman	25
M 152	Hexagon Horned Nut, ⅜	05
M 219	Ledger Plate, smooth	04
M 219½	Ledger Plate	04
M 231	Pitman Wrench	10
MA256	Track Clearer Stick Plate	15
M 257	Sole Bracket	15
M 259	Outside Shoe Sole	40
M 290	Inside Shoe Cap	15
M 294	Pawl, right	10
M 295	Pawl, left	10
M 296	Pawl Spring	05
M 304	Socket Strap for Pitman	25
M 308	Fly Wheel Shaft Bushing	75
M 314	Ledger Plate, Inside Shoe	04
M 315	Pitman Pivot Strap, upper	25
M 316	Pitman Pivot Strap, lower	25
M 317	Pitman Box	40
M 325	Outside Shoe Bolt, 1⅜ x ½	05
M 325¼	Shoe Bolt, 2⅛ x ½	05
M 325½	Shoe Bolt, 1¾ x ½	05
M 328	Track Clearer Stick	15

Cat. No.	Name.	Price.
M 328½	Track Clearer Stick Bolt, 5/16 x 2¼	$0 04
M 329	Guard Bolt and Nut	04
M 329½	Guard Bolt, long	04
M 330	Ledger Plate, Outside Shoe	04
M 331	Knife, 4½ foot, M 139 Head, 18 sec. (New 4 only)	2 40
M 331½	Knife, 4¼ foot, M 139 Head, 17 Sec. (New 4 only)	2 35
M 332	Knife, M 139 Head, 20 Sec.	2 50
M 333	Knife Section	05
M 343	Fly Wheel Shaft Bushing, upper	50
M 353	Spring Holder	20
M 357	Bevel Shaft Bushing	50
M 371	Tool Box Handle	10
M 372	Tool Box Latch	10
M 372½	Tool Box Latch Spring	05
M 383½	Lifting Lever Washer	10
M 392	Pitman, complete	1 50
M 393	Pitman Wood	35
M 407	Coupling Bar Pin	30
M 408	Knife, M 139 Head, 24 Sec. (New Big 4 only)	2 75
M 409	Knife, M 139 Head, 28 Sec. (New Big 4 only)	3 00
M 444	Coupling Bar Washer	20
M 446	Monkey Wrench	25
MA461	Detent Handle Lifting Lever	20



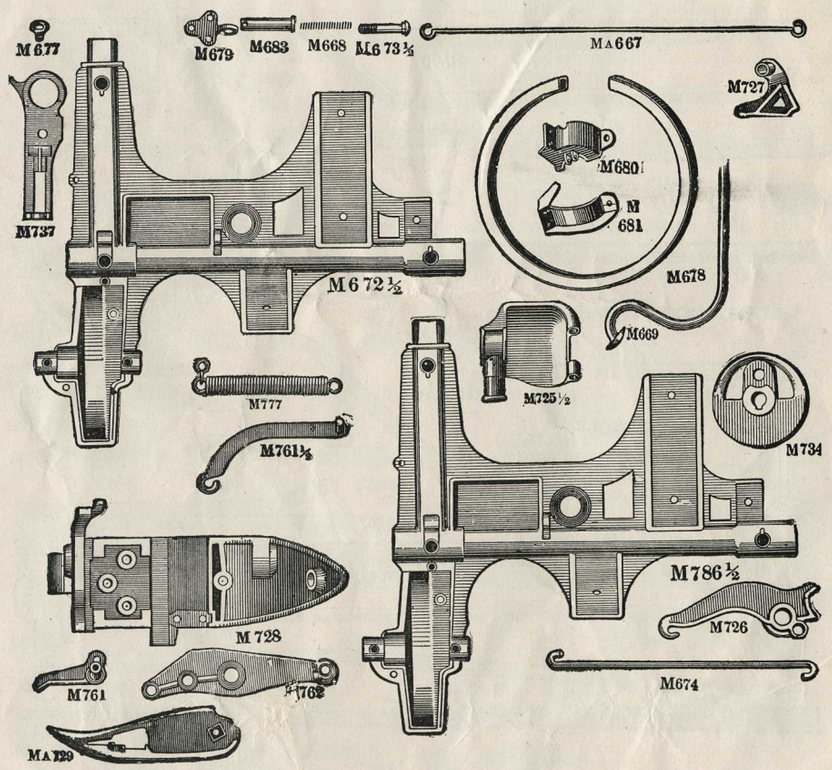
Cat. No.	Name.	Price.
M 462	Guard (Smooth Ledger Plate)	$0 25
M 462Ser.	Guard (Serrated Ledger Plate)	25
M 463	Knife Holder	10
M 465	Inside Shoe Sole	50
M 466	Sole Bracket	15
M 468	Knife Wearing Plate	10
M 482	Pitman Lock Nut	05
M 483	Pitman Socket Bolt, Left Thread	05
M 483½	Pitman Pivot Bolt, Left Thread	05
M 484	Pitman Socket Bolt Spring	05
M 484½	Pitman Pivot Bolt Spring	05
MA488	Seat	1 00
M 488½	Seat Bolt	05
M 489	Seat Spring	2 00
M 490	Inside Shoe Wearing Plate	10
M 527	Oil Cup Cover	05
M 539	Tool Box Cover	60
M 589	Singletree	50
M 589½	Singletree Strap	10
M 625	Main Wheel (New 4 only)	6 00
M 626	Spur Gear	2 50
M 627	Ratchet Hub	90
M 628	Main Axle (New 4 only)	3 50

Cat. No.	Name.	Price.
M 629	Axle Washer	$0 10
M 630	Roller Bushing, complete	75
M 633	Spur Pinion	75
M 635	Bevel Pinion (New 4 only)	50
M 637	Shipper	35
M 637½	Shipper Pin	20
M 638	Shipper Case	25
M 639	Shipper Handle	30
M 640	Shipper Spring	10
M 641	Oil Cup Cover	05
M 641½	Oil Cup Cover Spring	05
M 642	Counter Shaft	80
M 643	Gear Cover	1 25
M 644	Fly Wheel Shaft (New 4 only)	1 00
M 645½	Coupling Bar	5 00
M 647	Fly Wheel Shield Set Screw	10
M 649	Pitman Shield (New 4 only)	80
M 649½	Pitman Shield (New Big 4 only)	80
M 650	Inside Shoe Hinge	2 25
M 652	Knife Head Cap	15
M 655	Tilting Lever	60
M 656	Tilting Lever Detent	25
M 656½	Tilting Lever Detent Thumb Screw	05
M 657	Tilting Lever Detent Guide	15



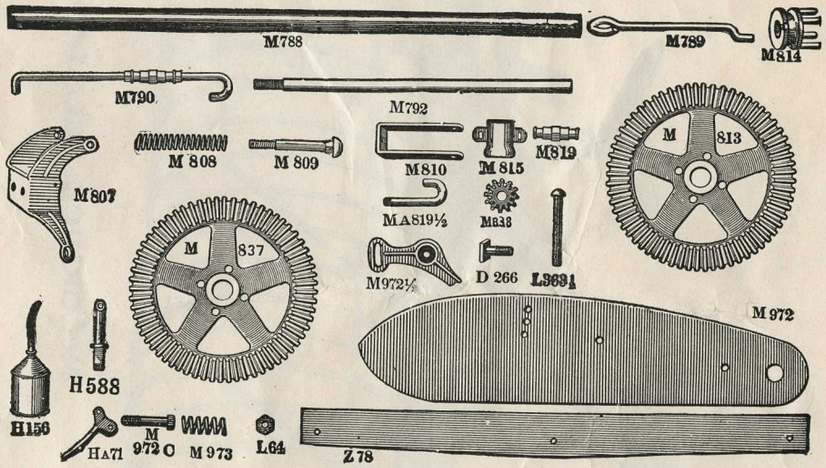
Cat. No.	Name.	Price.
MA657½	Tilting Lever Detent Rod	$0 10
M 658	Tilting Lever Lock	50
M 659	Tilting Lever Connection Complete (New 4 only)	50
M 659A	Tilting Lever Connection, long end (New 4 only)	15
M 660	Lifting Lever	40
M 662	Lifting Lever Lock	75
M 664	Lifting Lever Connection (New 4 only)	20
M 665	Lifting Lever Detent Spring	10
M 666	Inside Shoe Rod	20
MA667	Lifting Lever Detent Rod	20
M 668	Tilting Lever Detent Spring	10
M 669	Foot Lever (New 4 only)	40
M 672½	Main Frame (New 4 only)	8 00
M 673½	Doubletree Bolt	10
M 674	Draft Rod	25
M 675	Tongue	2 00
M 677	Pitman Box Plug	05
M 678	Spur Gear Shield	50

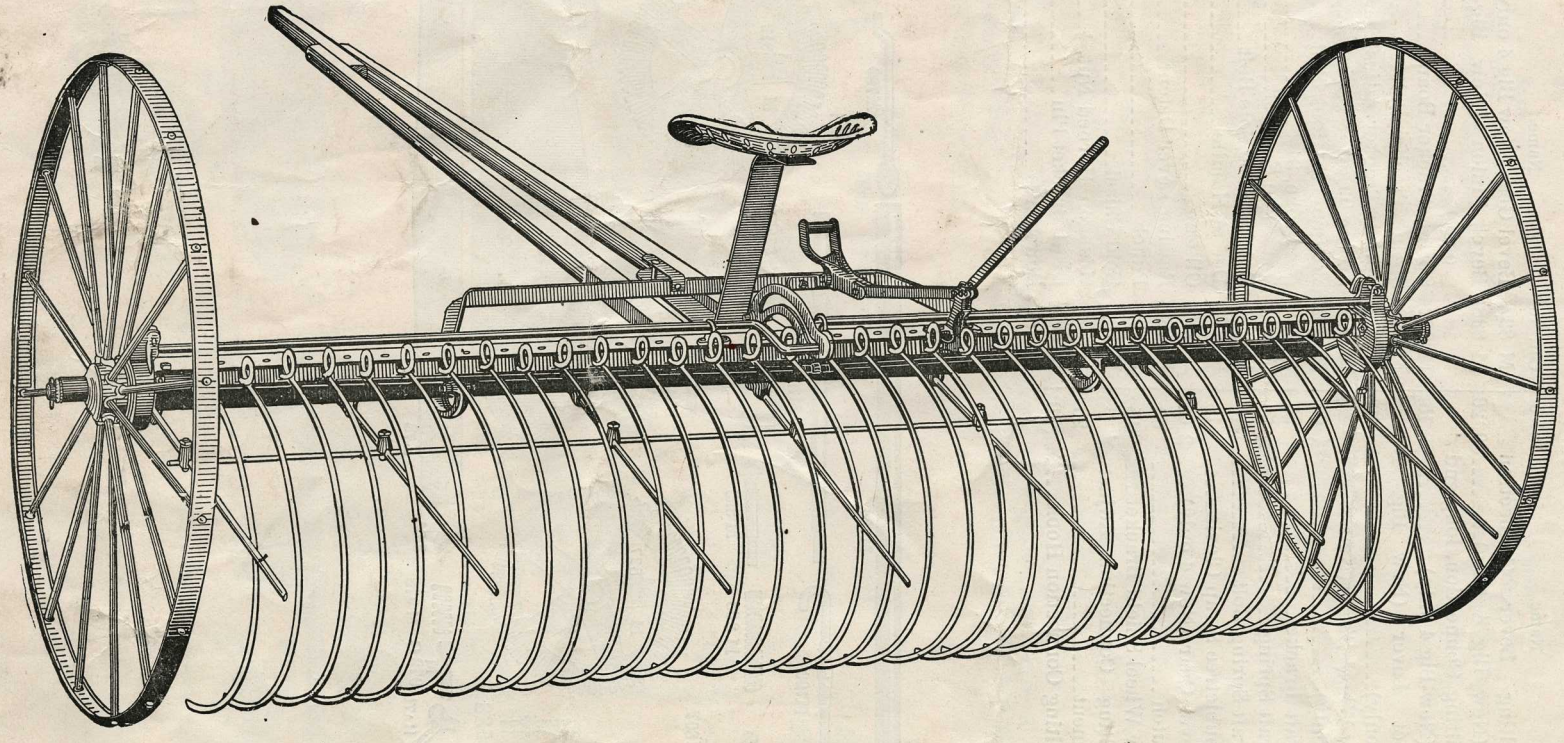
Cat. No.	Name.	Price.
M 679	Spur Gear Shield Clip	$0 15
M 680	Spur Gear Shield Bracket, upper	30
M 681	Spur Gear Shield Bracket, lower	25
M 683	Inside Shoe Pin	30
M 725½	Fly Wheel Shield	1 25
M 726	Gag Lever	50
M 727	Bar Lock	30
M 728	Inside Shoe	2 00
MA729	Outside Shoe	1 50
M 734	Fly Wheel	1 00
M 737	Lifting Lever Socket	50
M 761	Lifting Lever Holder	20
M 761½	Lifting Spring Link	30
M 762	Lifting Lever Sector	75
M 777	Lifting Spring	80
M 786½	Main Frame (New Big 4 only)	9 00
M 787	Main Wheel (New Big 4 only)	7 00
M 788	Main Axle (New Big 4 only)	3 75



Cat. No.	Name.	Price.
M 789	Tilting Lever Connection (New Big 4 only)	$0 20
M 790A	Tilting Connection, long end (New Big 4 only)	15
M 791	Foot Lever (New Big 4 only)	40
M 792	Fly Wheel Shaft (New Big 4 only)	1 00
M 807	Draft Bracket	90
M 808	Draft Spring	50
M 809	Draft Spring Bolt	10
M 810	Doubletree Strap Clevis	15
M 813	Bevel Gear (New 4 only)	2 00
M 814	Clutch	60
M 815	Fly Wheel Shield Bracket	15
M 819	Tilting Connection Adjustment	20
M 819½	Tilting Connection Hook	10

Cat. No.	Name.	Price.
M 837	Bevel Gear (New Big 4 only)	$2 00
M 838	Bevel Pinion (New Big 4 only)	50
M 972	Spring Tracker Board	50
M 972C	Spring Tracker Bolt	05
M 972½	Spring Tracker Adjustment	25
M 973	Spring Tracker Spring	15
M 992	Tongue Tip Hook Bolt	10
B 570	Neckyoke, 34½"	50
B 571	Neckyoke Eye Bolt	10
D 266	Outside Shoe Sole Bolt	05
HA71	Detent Handle	20
H 156	Oil Can	15
H 588	Raising Lever Detent	10
H 722	Punch	10
H 758	Cold Chisel	10
L 64	Hexagon Horned Nut, ½	05
L 363½	Draft Bracket Pin	10
Z 78	Doubletree	50





McCORMICK SELF-DUMP RAKE