

with
**IMPLEMENT
& TRACTOR**
publications

IMPORTANT

This manual obsoletes the flat rates in manuals IH-1, IH-4, IH-5 and IH-7. If you have IH-1, retain it but use only the Shop Manual portion for series 12, 14, 20, 30 and 40. If you have IH-4, IH-5 and/or IH-7, destroy them.



INTERNATIONAL HARVESTER

FLAT RATE MANUAL

SERIES						
A	M	9	40	300		W400
B	MTA	12	100	300	Utility	450
C	4	14	130	350		W450
Cub	6	20	200	350	Utility	600
H	W6TA	30	230	400		650

MANUAL NO. IH-13

PRICE, \$4.00

TECHNICAL PUBLICATIONS, INCORPORATED

(A subsidiary of IMPLEMENT & TRACTOR)

KANSAS CITY 5, MISSOURI

P-L-E-A-S-E

Read Below **BEFORE** Using This Book

(Index for this Manual is on Pages 3 and 4)

PRELIMINARY

You can put this manual into use instantly just by thumbing through it once and applying your natural instincts. However, if you want to become proficient at pricing repair labor, you are urged to do these things **BEFORE** you put it to actual duty in the shop: (1) Read it through attentively from front cover to back cover, (2) Memorize the identifying letter and number of at least 20 of the important job descriptions and (3) Write out several practice repair orders. Repeat (1), (2) and (3) a few times and you are bound to be as familiar with this Flat Rate Manual as a good counter man is with his Parts Catalogs and parts bins.

PRICING PROCEDURE

Here is a brief step by step procedure:

1. After you have determined the make and model of the tractor needing repairs, make a list of the needed repairs on a piece of paper. Then convert the list of needed repairs into a formal Repair Order as outlined in next paragraph.

2. Suppose the needed repairs are "Overhaul the clutch, clean carbon and reseal valves." The first step in creating the Repair Order is to locate the word "Clutch" in the Index of Flat Rate Jobs where you will see that clutch repairs are covered by the "H" group job descriptions. Next locate the "H" group descriptions and read on from there until you come to "H9—CLUTCH—OVERHAUL. INCLUDES, ETC." Underneath you will find lines in smaller type which list the suggested labor charge (to the customer) for the tractor model which you are pricing.

In like manner to price the valve and carbon job refer to the Index of Jobs which tells you that "Valve System" repairs begin with job B22A. After locating B22A, read further until you come to "B27—VALVES—RESEAL AND TUNE ENGINE ETC." underneath which you will find the suggested labor charge for all the models covered.

None of the suggested Labor Charges set forth in this manual are intended to be determinative of prices on resale.

Additional copies of this manual for use in your bookkeeping department are available at nominal cost.

RULES

All listed charges unless otherwise noted, are for labor only and apply to the complete tractor on the shop floor without any attached tools or implements. An extra charge on "time" basis should be assessed if an attached tool or implement, orchard type fenders, cowling or LP-Gas system piping, tank or regulator causes extra work to be done in performing the repair work.

MINOR AND MAJOR JOBS

A major (complete) job such as H9 is always printed in capital letters thusly; "H9—CLUTCH—OVERHAUL ETC." and the labor charge for same includes doing all of the described work to a completely assembled tractor. A minor (partial) job such as B27p, H24p, H9s, etc., is always printed in what is known as Upper and Lower case type thusly; "B31pa—Stem Guides, All-Renew (When Valves Are Being Resealed)". Function of partial jobs is to enlarge the scope of the price schedules and to prevent overlapping of charges in situations like this: You have sold job H9, overhaul clutch and while doing the work you noticed a bad tooth in the flywheel starter ring gear. In this instance you would retain H9 and add to the repair order partial job "H24p — Flywheel Ring Gear — Renew (When Clutch Is Out)" instead of complete job H24.

ARBITRARY DEFINITIONS

R&R means remove and reinstall the same part.

Renew means remove the old part and install a new similar part.

Overhaul means to recondition the components of the described assembly or subassembly and includes the R&R of the assembly or subassembly if the components cannot be overhauled without doing so.

Differential applies only to the mechanism which permits one wheel to turn faster than the other. It does **NOT** include the bevel ring gear which is sometimes fastened to the differential case.

I&T SHOP SERVICE

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FLAT RATES

INTERNATIONAL HARVESTER

Add extra labor to listed allowances when R&R of implements or Orchard fenders or sheet metal is required or where interference is encountered due to presence of LP-Gas system piping, tank or regulator.

IDENTIFICATION DATA

Engine Serial Number Is Located On Side of Crankcase Or On Engine Name Plate.

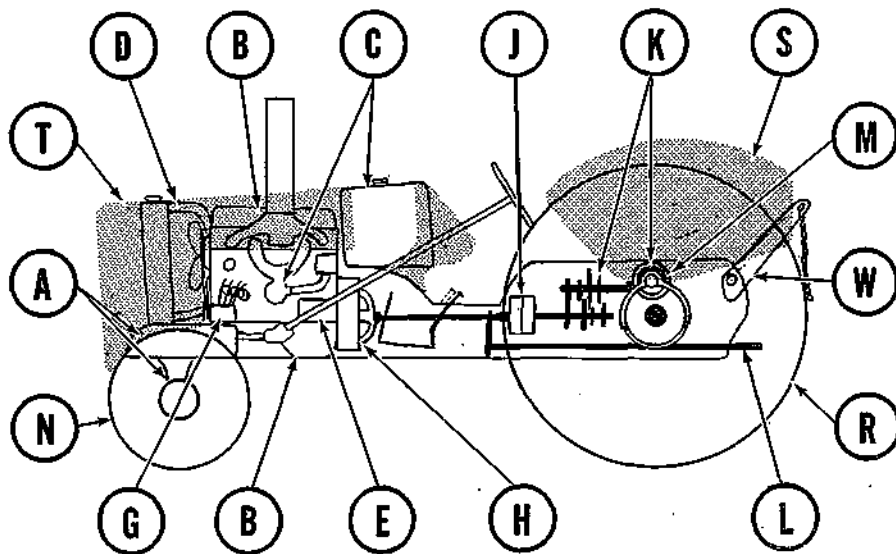
MODEL	LOCATION OF TRACTOR SERIAL NUMBER	TYPE	MODEL	LOCATION OF TRACTOR SERIAL NUMBER	TYPE
A	Seat Bracket Name Plate	1, 2	Super W4	Clutch Housing Name Plate	1
AV	Seat Bracket Name Plate	2	Super W6	Clutch Housing Name Plate	1
B-BN	Seat Bracket Name Plate	3, 4	Super W6L	Clutch Housing Name Plate	1
Super A	Seat Bracket Name Plate	1, 2	Super WD6	Clutch Housing Name Plate	1
Super AV	Seat Bracket Name Plate	2	Super W6TA	Clutch Housing Name Plate	1
C	Seat Bracket Name Plate	2, 3, 4	Super W6TAD	Clutch Housing Name Plate	1
Super C	Seat Bracket Name Plate	2, 3, 4	012-014	Front Fuel Tank Support	1
Cub	Right Side of Steer, Gear	1, 2	W12-W14	Front Fuel Tank Support	1
F12-F14	Hood Sheet Name Plate	2, 3, 4	W9-WR9	Plate on Fuel Tank Support	1
FW12-FW14	Hood Sheet Name Plate	1	WD9-WDR9	Plate on Fuel Tank Support	1
F20	Tool Box Name Plate	1, 2, 3	W30	Rear Fuel Tank Support	1
F30	Tool Box Name Plate	1, 3	W40-WA40	Rear Hood Sheet Name Plate	1
1020	Rear Hood Sheet	1	100-130	Clutch Housing Name Plate	1, 2
H-M-MD	Clutch Housing Name Plate	2, 3, 4	100HC-130HC	Clutch Housing Name Plate	2
Super H	Clutch Housing Name Plate	2, 3, 4	200-230	Clutch Housing Name Plate	2, 3, 4
Super M	Clutch Housing Name Plate	2, 3, 4	300-350-350D	Clutch Housing Name Plate	2, 3, 4
Super MD	Clutch Housing Name Plate	2, 3, 4	300HC-350HC	Clutch Housing Name Plate	2
Super ML	Clutch Housing Name Plate	2, 3, 4	350DHC	Clutch Housing Name Plate	2
Super MTA	Clutch Housing Name Plate	2, 3, 4	300 Utility	Clutch Housing Name Plate	2
Super MTAD	Clutch Housing Name Plate	2, 3, 4	350 Utility	Clutch Housing Name Plate	2
HV-MV-MDV	Clutch Housing Name Plate	1	350D Utility	Clutch Housing Name Plate	2
Super HV	Clutch Housing Name Plate	1, 2	400-450	Clutch Housing Name Plate	2, 3, 4
Super MV	Clutch Housing Name Plate	1, 2	400D-450D	Clutch Housing Name Plate	2, 3, 4
Super MDV	Clutch Housing Name Plate	1, 2	400HC-450HC	Clutch Housing Name Plate	2
Super MVL	Clutch Housing Name Plate	1, 2	400DHC-450DHC	Clutch Housing Name Plate	2
Super MTAV	Clutch Housing Name Plate	2	W400-W450	Clutch Housing Name Plate	1
Super MTADV	Clutch Housing Name Plate	2	W400D-W450D	Clutch Housing Name Plate	1
04-0S4-W4	Clutch Cover Name Plate	1	600-650	Plate on Fuel Tank Support	1
06-0S6-0DS6	Clutch Housing Name Plate	1	600D-650D	Plate on Fuel Tank Support	1
W6-WD6	Clutch Housing Name Plate	1			

KEY: 1—Non-adjustable Axle 2—Adjustable Axle 3—Row Crop, Dual Wheel 4—Row Crop, Single Wheel

IMPORTANT OR FREQUENT JOBS ARE INDICATED BY A *

NOTE: Suggested prices in this manual are designed to yield \$5.00 per hour.

INDEX TO FLAT RATE JOBS



QUICK KEY TO FLAT RATE JOB NUMBERS

A. Front System, Manual Steering, Power Steering
 B. Engine and Components
 C. Carburetor, Fuel Supply, Governor
 D. Cooling System

E. Electrical System and Ignition
 G. Diesel System Nozzles, Pump, Etc.
 H. Clutch and Flywheel

J. Torque Amplifier
 K. Transmission, Differential, Final Drive
 L. Belt Pulley, Power Take-Off
 M. Brake System

N. Front Wheels
 R. Rear Wheels
 S. Sheet Metal
 T. Tractor Clean and Paint
 W. Power Lift

TRACTOR PARTS	JOB NUMBERS	PAGE NUMBERS
Ammeter	E30	24
Axle, Front, Standard	A1 to A8	5
Axle, Front, Tricycle	A16 to A22	5
Axle, Rear	K60 to K85A	34, 35, 36, 37
Axle Shaft, Rear	K63 to K67BA	34, 35
Axle Support	A12 to A20	5
Battery Cable and Carrier	E46 to E47	25
Bearings, Pins, Rings, Valves, Combined	B61 to B64	15, 16
Belt Pulley	L1 to L5	37
Bendix Drive	E38 and E39	24
Bevel Ring Gear, Main	K15 to K15B	32
Brake System	M1 and Up	39, 40
Bull Gear and Pinion	K62 to K76A	34, 35, 36
Cam Followers	B34 to B35qa	12
Camshaft and Bearings	B79p to B92	17, 18
Carbon, Clean	B20	10
Carburetor	C3 to C6p	20
Clutch and Housing	H1 to H11B	26, 27, 28
Connecting Rods and Bearings	B45 to B48pa	14
Connecting Rod R&R	B10 to B14A	8, 9
Cooling System	D1 to D14	21, 22
Crankshaft	B60	15
Crankshaft and Bearings	B53A to B64	14, 15, 16
Crankshaft Oil Seals	B57pa to B59	15
Cut-Out Relay	E17 to E20	24
Cylinder Block	B71	17
Cylinder Head	B18 to B20	9, 10
Cylinder Reboring	B65 to B65pa	16
Cylinder Sleeves	B66 to B68pa	16

TRACTOR PARTS	JOB NUMBERS	PAGE NUMBERS
Differential	K20 to K25	33, 34
Differential and Transmission Combined	K23 to K25	33, 34
Diesel Fuel System	G1 and Up	25, 26
Distributor, Ignition	E8 and E8p	23
Elbow, Water	D12	22
Electrical System	E1A and Up	23, 24, 25
Energy Cell, Diesel	G5 to G8ra	25, 26
Engine Cleaning and Painting	B7 to B8B	8
Engine Inspections	B9 to B15pa	8, 9
Engine Oiling	B95 to B102	19
Engine Overhaul	B75 to B78	17
Engine Painting	B8 and B8B	8
Engine Removal	B5	8
Engine Tune-Up	B1 to B4	7
Exhaust Manifold and Pipe	B103 to B111	19, 20
Fan Belt	D15	22
Fan Drive Pulley	B56	15
Fenders	S1	40
Final Drive and Gears	K60 to K85A	34, 35, 36, 37
Flywheel and Housing	H22 to H25	28, 29
Front Axle Bushings	A2 to A4pa	5
Front System	A1 and Up	5, 6, 7
Front Wheels and Hubs	N3 to N11	40
Fuel System	C3 to C14 and G1 to G23p	20, 25, 26
Gearshift Controls	K5 to K6	31
Gears, Bevel Drive	K14B to K15B	32
Gears, Timing	B85 to B86	18
Generator and Regulator	E15 to E30	24
Governor	C15 and Up	20, 21

INDEX CONT.

TRACTOR PARTS	JOB NUMBERS	PAGE NUMBERS	TRACTOR PARTS	JOB NUMBERS	PAGE NUMBERS
Hood	B9	8	Rings, Piston	B40A to B42B and B61 to B78	12, 13, 15, 16, 17
Hydraulic Cylinder	W77 to W101	42, 43	Rings, Pins, Bearings and Valves, Combined	B61 to B64	15, 16
Hydraulic Pump	W10 to W97	41, 42	Ring Gear, Main Bevel	K15 to K15B	32
Ignition System	E1A to E12	23	Ring Gear (Main Bevel), Differential and Transmission, Combined	K25	34
Ignition Timing	E4 to E11	23	Rock Shaft	W90 to W101	42, 43
Injection Pump, Diesel	G12 to G17p	26	Rocker Arms and Covers	B22A to B25	10
Inlet Manifold	B110	20	Sheet Metal	S1 to S7	40, 41
Lift System	W4 and Up	41, 42, 43	Split Tractor	H5, H6 and K7 to K9A	27, 31
Main Bearings	B53A to B60	14, 15	Spray Nozzles, Diesel	G1 to G8ra	25, 26
Manifolds	B103 to B111	19, 20	Starter Bendix or Clutch	E38 and E39	24
Manifolds, Water	D12	22	Starting Motor and Switch	E35 to E45p	24, 25
Muffler	B111	20	Steering Knuckles and Arms	A3 to A5	5
Oil Pan	B95	19	Steering Linkage	A30 to A53	5, 6
Oil Pump	B96 to B97B	19	Steering Bolster	A19 and A20	5
Oiling System	B95 to B102	19	Steering System	A1 and Up	5, 6, 7
Painting, Engine	B8 and B8B	8	Switch, Lighting	E31	24
Painting, Tractor	T4 and T5	41	Tappets	B22A to B35qa	10, 11, 12
Pins, Rings and Rod Bearings	B41C to B42D	13	Timing Gears	B85 and B86	18
Pins, Bearings, Rings and Valves, Combined	B61 to B64	15, 16	Tires	N11 and R1 to R6	40
Pistons	B65 to B66pa	16	Torque Amplifier	J1 to J33r	29, 30
Piston Pins	B41B to B42pa	13	Tractor Painting	T4 and T5	41
Piston Rings	B40A to B42B and B61 to B78	12, 13, 15, 16, 17	Transmission	K1 to K25 and K85A	30 to 34, 37
Platform	S7	41	Transmission, Differential and Final Drives, Combined	K85A	37
Power Lift	W4 and Up	41, 42, 43	Tune-Up, Engine	B1 to B4	7
Power Steering	A47 and Up	6, 7	Valves, Bearings, Pins and Rings, Combined	B61 to B64	15, 16
Power Take-Off	L9 to L30p	37, 38	Valve System, Engine	B22A to B38pa	10, 11, 12
Precombustion Chamber	G5 to G8ra	25, 26	Voltage Regulator	E17 to E20	24
Radius Rod	A8	5	Water Manifold	D12	22
Rear Axle	K60 to K85A	34, 35, 36, 37	Welch Plug, Camshaft	B92	18
Rear Wheels and Hubs	R1 to R6	40	Water Pump	D19 to D21p	22, 23
			Wheels and Bearings, Front	N3 to N11	40
			Wheels and Tires and Rims, Rear	R1 to R6	40
			Wheel Spindles	A3 to A5	5

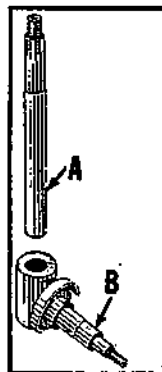


FIG 1

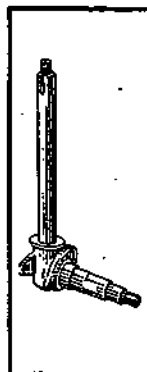


FIG 2

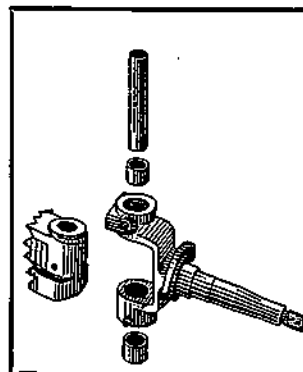
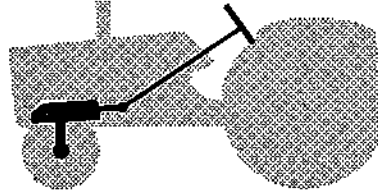


FIG 3

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
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FRONT SYSTEM AND STEERING

All series designations include Super & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



A1—AXLE MAIN MEMBER—R&R OR RENEW			A16—WHEEL FORK OR LOWER BOLSTER—RENEW		
Series A-Cub-100-130	6.00		Series B-C-H-M-MTA-200-230-300-350-400-450		
1020-Series C-12-14-200-230	7.00		Bolster Type	6.00	
300 Utility-350 Utility	7.50		Series B-C-H-M-MTA-200-230-300-350-400-450		
Other Models (Adjustable Axle)	8.50		Fork Type	4.00	
Other Models (Non-Adjustable Axle)	11.00		F12-F14	4.50	
			F20	7.50	
			F30	8.50	
			On B-C-200-230 applies to bolster and riveted axle unit. On F12-F14 listed in catalogue as front axle, and front bolster fork. On F20-F30 applies to front bolster, not lower bolster on these models.		
			• See Also A20 •		
A2—AXLE MAIN MEMBER PIVOT—REBUSH			A19—UPPER BOLSTER ONLY—RENEW		
Series A-Cub-100-130	8.50		Series A-B-C-Cub-100-130-200-230, Same As A56	14.00	
Series C-200-230	10.50		Series 6 (Channel Frame)-W6TA-W400-W450	9.50	
300 Utility-350 Utility	10.00		Series H-M-12-14-MTA	11.00	
Other Models (Adjustable Axle)	12.00		300 Utility-350 Utility	10.00	
			F20-F30—Same As A16	12.00	
			Series 300-350-400-450	12.00	
A2p—Same As A2 (When Member Is Off)					
Series A-Cub-100-130-300 Utility-350 Utility	2.50				
Other Models So Equipped	3.50				
A3—AXLE SPINDLE (KNUCKLE), ONE—RENEW					
Type Fig. 2	4.00				
Type Fig. 3	6.00				
★			★		
A4A—AXLE SPINDLES (KNUCKLES), BOTH—REBUSH			A20—UPPER BOLSTER—REBUSH OR RENEW BEARINGS IN SAME		
Type Fig. 2 (Bushings Only)	8.00		F20	12.00	
Type Fig. 2 (Spindles & Bushings)	11.00		F30	13.00	
Type Fig. 3	14.00		Series 300-350-400-450	9.50	
			Other Models So Equipped	8.50	
★					
A4pa—Same As A4A (When Knuckles Or Spindles Are Off)			A22—HORIZONTAL SPINDLE OR HORIZONTAL AXLE FOR FRONT WHEELS—RENEW		
Type Fig. 2 (Bushings Only), Type Fig. 3	4.00		Series B-C-200-230 With Double Wheels	9.00	
Type Fig. 2 (Bushings & Spindles)	6.50		All Others With Lower Bolster—Same As A16	2.50	
			All Fork Mounted Type	2.50	
A5—SPINDLE (KNUCKLE) ARM, ONE—RENEW			A27—FRONT END UNIT—R&R		
Type Retained To Top of Spindle	1.50		Series A-B-C-12-14-100-130-200-230	6.00	
Type Retained To Side of Spindle	3.00		Series 300-350-400-450-W400-W450	9.50	
			Series 6 (Channel Frame)-W6TA	8.00	
			Cub-Series H-M-MTA	8.00	
A7—STAY (RADIUS) ROD—RENEW			300 Utility-350 Utility	8.50	
300 Utility-350 Utility, Same As A1	7.50		F20-F30	7.00	
Series 9-30-40-600-650	3.50		On Series A, Cub, 100 and 130, unit includes front wheels, axle and steering gear housing. On Series B, C, 200 and 230, includes lower bolster or fork and steering housing. On 300 Utility and 350 Utility unit includes bolster, axle and wheels assembly. On front bolster or upper bolster types, unit includes wheels, upper & lower bolster and radiator.		
All Other Models So Equipped	3.00				
A8—RADIUS ROD OR AXLE BRACE—REBUSH			A30—TOE-IN—ADJUST		
Models So Equipped	3.50		All Models With One Tie Rod	1.00	
			All Models With Two Tie Rods	1.50	
A11—AXLE EXTENSION (SIDE MEMBER), ONE—RENEW			A32—TIE ROD ENDS OR BALL SOCKETS UNITS FOR ONE TIE ROD, OR ONE TIE ROD—RENEW AND ADJUST TOE-IN		
Adjustable Axle Models	4.00		All Models With Steering Knuckles	2.00	
A12—AXLE SUPPORT—R&R OR RENEW					
Series A-100-130	7.50				
Cub-Series C-H-M-MTA-200-230-300-350-400-450	6.00				
Other Models	5.00				
On Series A, Cub, 100 and 130, applies to steering gear base. On 300 Utility and 350 Utility, applies to pivot bracket. On other models the support is sometimes listed as "Front Bolster" in Parts Catalogues.					
A13—BUFFER SPRING—R&R OR RENEW					
All Models So Equipped	6.50				
Applies to spring or springs in axle support.					
A14—RADIUS (STAY) ROD BALL CAP—ADJUST					
All Adjustable Types	1.50				

INTERNATIONAL HARVESTER A34 to A83p

FLAT RATE

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
A34—DRAG LINK—R&R OR RENEW AND ADJUST			A56—GEAR UNIT HOUSING—RENEW		
Series W400-W450-600-650 With Power Steering.....		2.50	Series A-B-C-Cub-100-130-200-230		14.00
All Other Models So Equipped, One.....		1.50	F12-F14-F20-F30-W40-WA40		5.00
			FW12-W12-FW14-W14		17.00
A34A—DRAG LINKS, BOTH—R&R OR RENEW AND ADJUST			Series H-M-MTA		11.00
300 Utility-350 Utility.....		2.50	Series 4-6-W6TA		7.00
			Series 9		19.50
A38—STEERING GEAR LEVER ON AXLE TYPE MODELS—RENEW			300 Utility-350 Utility, Manual Steering.....		17.50
Series A-C-4-6-W6TA-100-130-200-230		6.00	300 Utility-350 Utility, Power Steering.....		22.00
Cub		4.50	Series W400-W450		8.00
All Other Models So Equipped.....		1.50	Series 300-350-400-450		12.00
On Series 4-6-W6TA, includes R&R steering gear unit due to arm being welded to shaft.			Series 600-650		22.00
★			A74—SEALS FOR POWER STEERING CYLINDER OR GEAR MOTOR—RENEW		
A47—STEERING GEAR UNIT ONLY—ADJUST			300 Utility-350 Utility.....		7.50
FW12-W12-FW14-W14		17.00	Series W400-W450-600-650		6.00
Includes A54.			Series 300-350-400-450		7.50
F20-F30		4.50	On 300 Utility and 350 Utility, done without R&R of steering gear unit. On Series W400, W450, 600 and 650, does not include any valve work.		
Includes adjust brake cables.					
1020-W30-W40-WA40		4.00	A75—CYLINDER, CYLINDER AND VALVE UNIT OR MOTOR AND VALVE UNIT FOR POWER STEERING—R&R OR RENEW		
Series 9		2.50	300 Utility-350 Utility (Cylinder) See A74 Note.....		7.50
Series 600-650		4.00	Series W400-W450-600-650 (Cylinder and Valve Unit).....		4.50
Series W400-W450		2.00	Series 300-350-400-450 (Motor and Valve Unit).....		5.50
300 Utility-350 Utility, Power Steering.....		1.50			
300 Utility-350 Utility, Manual Steering.....		6.50	A76—CYLINDER OR GEAR MOTOR FOR POWER STEERING—OVERHAUL		
On 300 Utility and 350 Utility with manual steering, includes adjustment of cam shaft end play and lever stud mesh position but does not include adjustment of cross shaft gear teeth mesh as this usually involves reaming and installation of oversize dowels. On 300 Utility and 350 Utility with power steering, includes adjustment of lever stud mesh position only.			300 Utility-350 Utility—See A74 Note.....		9.00
			Series W400-W450-600-650—See A74 Note.....		7.50
A52—STEERING WHEEL—R&R OR RENEW			Series 300-350-400-450		11.50
All Models		1.00	On Series 300, 350, 400 and 450, does not include disassembly or overhaul of valve portion of power steering unit. On Series W400, W450, 600 and 650, does not include renewal of cylinder inner tube. If tube is damaged, complete cylinder and valve unit should be renewed.		
A53—SHAFT UNIVERSAL JOINT, ONE—R&R					
Series 300-350-400-450		4.00	A76p—Same As A76 (When Cylinder Or Motor Unit is Off)		
Series H-M-MTA		2.50	300 Utility-350 Utility.....		4.00
All Other Models So Equipped.....		1.50	Series W400-W450-600-650		3.00
			Series 300-350-400-450—See A76 Note.....		6.00
A54—GEAR UNIT ONLY—R&R					
Series A-B-C-9-100-130-200-230		8.50	A81—DRAG LINK FOR POWER STEERING—RENEW		
Cub		10.50	Series W400-W450-600-650		2.50
FW12-W12-FW14-W14		15.50	Includes adjustment.		
Series 4-6-W6TA		4.50			
W40-WA40		2.50	A81B—CONTROL ARM FOR POWER STEERING—RENEW		
Series 600-650		11.00	Series W400-W450-600-650		2.50
Series W400-W450		5.50			
300 Utility-350 Utility, Manual Steering.....		11.00	A82—CONTROL VALVE FOR POWER STEERING—R&R OR RENEW		
300 Utility-350 Utility, Power Steering.....		12.50	300 Utility-350 Utility.....		15.00
On Series 12 and 14, includes R&R fuel tank, hood and steering column. On 300 Utility and 350 Utility, includes R&R hood, fuel tank and instrument panel.			Series W400-W450-600-650		See Note
			Series 300-350-400-450		Use Operation A83
★			On Series W400, W450, 600 and 650, valve cannot be purchased separately. If valve spool or bore is damaged, complete cylinder and valve unit should be renewed.		
A55—GEAR UNIT ONLY—OVERHAUL					
F20-F30-Series A-100-130		14.50	A83—CONTROL VALVE FOR POWER STEERING—R&R, DISASSEMBLE AND REASSEMBLE, CLEAN AND/OR RENEW SEALS		
Series B-C-200-230		11.00	300 Utility-350 Utility.....		18.50
Cub		8.00	Series W400-W450-600-650		9.50
F12-F14-Series 9		9.00	Series 300-350-400-450		12.00
FW12-W12-FW14-W14		18.50	On Series W400, W450, 600 and 650, includes R&R of complete cylinder and valve unit.		
1020		4.50			
W30-W40-WA40		6.50	A83p—Same As A83 (When Control Valve Or Motor Unit is Off)		
Series H-M-4-6-MTA-W6TA-600-650		10.00	300 Utility-350 Utility.....		1.50
Series W400-W450-300-350-400-450		11.00	Series W400-W450-600-650		5.00
300 Utility-350 Utility, Manual Steering.....		22.00	Series 300-350-400-450		6.50
300 Utility-350 Utility, Power Steering.....		30.00			
On Series 9-600-650, done without R&R of housing. On 300 Utility-350 Utility with power steering, includes overhaul of steering valves and cylinder. On all 300 Utility and 350 Utility models, does not include installation of oversize dowels to adjust gear mesh of the lever shaft gears. If oversize dowels are installed, add \$2.50.					

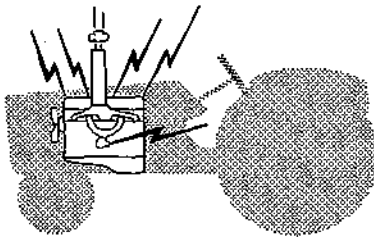
FLAT RATE

INTERNATIONAL HARVESTER A83B to B4

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
A83B	CONTROL VALVES FOR POWER STEERING—R&R AND OVERHAUL 300 Utility-350 Utility-Series W400-W450-600-650 See Operation A83	13.00	A87p	Same As A87 (When Pump Is Off) Series 600-650 No Hydra-Touch System-W400-W450. 6.50 All Other Models..... Refer to Operation W11p	6.50
A85B	FLOW CONTROL VALVE SPRING FOR POWER STEERING—RENEW 300 Utility-350 Utility 2.50 Series 600-650 With Hydra-Touch System 4.00 Series 300-350-400-450 3.50 Series 600-650 No Hydra-Touch System-W400-W450. 2.00	2.50 4.00 3.50 2.00	A88	CYLINDER OR GEAR MOTOR AND VALVE UNIT FOR POWER STEERING—OVERHAUL Series W400-W450-600-650 12.50 Series 300-350-400-450 16.00 On Series W400, W450, 600 and 650, does not include renewal of cylinder inner tube. If tube is damaged, complete cylinder and valve unit should be renewed.	12.50 16.00
A85C	RELIEF VALVE SPRING FOR POWER STEERING SYSTEM—RENEW Series 600-650 No Hydra-Touch System-W400-W450. 2.50	2.50	A88p	Same As A88 (When Unit Is Off) Series W400-W450-600-650 8.00 Series 300-350-400-450 10.50 Refer to note under A88.	8.00 10.50
A86	PUMP FOR POWER STEERING—R&R OR RENEW Series 600-650 No Hydra-Touch System-W400-W450. 2.50 All Other Models..... Same As Operation W10	2.50	A87	HOSE FOR POWER STEERING, ONE—RENEW 300 Utility-350 Utility-Series W400-W450-600-650.... 3.00 Series 300-350-400-450 4.00	3.00 4.00
A87	PUMP FOR POWER STEERING—R&R AND OVERHAUL Series 600-650 No Hydra-Touch System-W400-W450. 9.00 All Other Models..... Refer to Operation W11	9.00	A87p	Each Additional Hose—Renew Series 300-350-400-450-W400-W450-600-650 1.00	1.00

ENGINE TUNING

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



★

B1—ENGINE—TUNE, MINOR. INCLUDES:
 CLEAN AND REGAP ALL SPARK PLUGS
 REGAP IGNITION BREAKER POINTS
 RETIME IGNITION AND/OR INJECTION
 CHECK COMPRESSION
 CLEAN FUEL LINE SCREEN AND FILTERS
 CLEAN CARBURETOR SCREEN
 CLEAN WATER TRAP AND PRE-COMBUSTION CHAMBERS OR ENERGY CELLS ON DIESELS
 R&R AND CHECK SPRAY NOZZLES FOR PATTERN
 ADJUST CARBURETOR AND FAN BELT
 ADJUST GOVERNOR SPEED

Cub	8.50
350 Diesel-350 Diesel Utility	19.00
All Other 4-Cylinder Diesels	23.50
All Other Non-Diesel Models	7.50

B2p—Valve Tappets—Adjust in Conjunction With B1 or B4

W40-WA40	5.00
Series M-6-9-600-650-MTA-W6TA Diesels	4.00
Series 300-350-400-450	
Non-Diesel, No Power Steering	3.50
350 Diesel, No Power Steering	4.00
Series 300-350-400-450	
Non-Diesel, With Power Steering	5.00
350 Diesel, With Power Steering	5.50
Series 400-450 Diesel, No Power Steering	4.00
Series 400-450 Diesel, With Power Steering	7.50
Series W400-W450 Non-Diesel	3.50
Series W400-W450 Diesels	4.00
350 Diesel Utility	4.00
Other Models	3.00

★

B4—ENGINE—TUNE, COMPLETE. INCLUDES:
 ALL WORK LISTED IN OPERATION B1 PLUS:
 ADJUST DIESEL STARTING LINKAGE
 SET CARBURETOR FUEL LEVEL
 CLEAN IGNITION DISTRIBUTOR
 WASH ALL AIR FILTERS
 R&R AND CLEAN OIL PAN AND SCREEN
 FLUSH COOLING SYSTEM
 CLEAN RADIATOR FINS

Series 4-6-9-W6TA-300 Utility-350 Utility-600-650	
Non-Diesels	20.00
350 Diesel	26.50
350 Diesel Utility	27.50
Series 400-450-W400-W450 Diesels	41.00
All Other 4-Cylinder Diesels	40.00
All Other Non-Diesel Models	18.00

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
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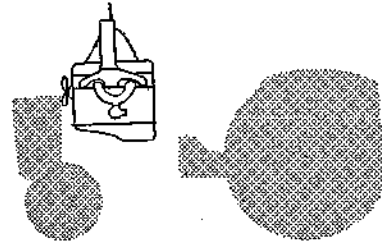
ENGINE REMOVAL, CLEAN AND PAINT

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.

**B5—ENGINE AND CLUTCH—R&R AS A UNIT
(Transfer of Parts Not Included)**

Series A-B-C-100-130-200-230-4	13.50
Cub-Series H-M Non-Diesels	16.00
Series 6 Diesels (Cast Iron Frame)	15.00
Series 6 (Channel Frame)-MTA-W6TA Diesels	19.50
Series 6 (Channel Frame)-MTA-W6TA Non-Diesels	18.00
Series 6 Non-Diesels (Cast Iron Frame)	13.50
Series 300-350-400-450-W400-W450 Non-Diesel	19.50
350 Diesel	20.50
Series 400-450-W400-W450 Diesels	21.00
Series 9-40-600-650, Non-Diesels	20.00
F20-1020-W30-F30	18.00
Series 12-14	15.50
Series 9-600-650, Diesel	21.50
Series M Diesel	17.50
300 Utility-350 Utility, Non-Diesels	20.00
350 Diesel Utility	21.00

If equipped with hydraulic lift, add \$2.00 to above.



★
B7—ENGINE—WASH AND CLEAN FOR SERVICING OR PAINTING (Does Not Include Painting)

All 4-Cylinder Models	Total Charge 5.00
All 6-Cylinder Models	Total Charge 6.00

B8—ENGINE—PAINT (Washing Not Included)

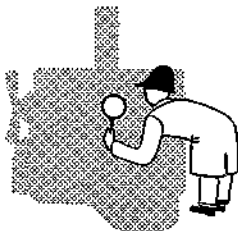
All 4-Cylinder Models	Total Charge 7.00
All 6-Cylinder Models	Total Charge 8.00

B8B—ENGINE—WASH, CLEAN AND PAINT

All 4-Cylinder Models	Total Charge 11.50
All 6-Cylinder Models	Total Charge 12.50

ENGINE INSPECTIONS

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



B9—TRACTOR HOOD—R&R

Cub	3.00
F12-F14-F20-F30	1.50
Series 9-1020-W30-600-650	1.00
W40-WA40	2.50
300 Utility-350 Utility-Series 300-350-400-450-W400-W450	2.00
All Other Models	0.50

On all Series 300, 350, 300 Utility, 350 Utility, 400, 450, W400 and W450, includes R&R center and both side sections.

B10—ROD AND PISTON UNIT, ONE—R&R AND INSPECT

Cub-Series A-B-C-100-130-200-230	11.00
F12-F14	13.00
FW12-FW14-W12-W14	14.00
F20-1020-F30-W30	4.50
Series H-M-MTA Non-Diesels	16.00
Series 4-6-W6TA Non-Diesels	17.00
Series 9-600-650 Non-Diesels	18.00
Series M-MTA Diesels	24.50
Series 6-W6TA Diesels	25.50
Series 9-600-650 Diesels	26.50
Series 300-350-400-450, Non-Diesel	17.50
No Power Steering	18.50
Series W400-W450, Non-Diesel	19.00
Series 300-350-400-450, Non-Diesel	19.00
With Power Steering	24.50
350 Diesel, No Power Steering	26.00
350 Diesel, With Power Steering	25.50
350 Diesel Utility	26.00
Series 400-450, Diesel, No Power Steering	27.00
Series W400-W450, Diesel	27.50
Series 400-450, Diesel, With Power Steering	19.50
W40	6.00
WA40 (Prior WTM831)	17.00
300 Utility-350 Utility, Non-Diesels	17.00

On F20-1020-F30-W30-WA40, units are removed from below without removing cylinder head.

FLAT RATE

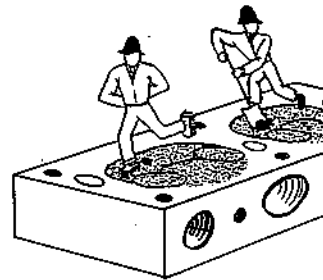
INTERNATIONAL HARVESTER B10A to B18

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
★			Series 300-350-400-450, Non-Diesel, With Power Steering..... 23.50		
B10A—ROD AND PISTON UNITS, ALL—R&R AND INSPECT (Ring Removal Not Included)			350 Diesel, No Power Steering..... 29.00		
Cub-Series A-B-C-100-130-200-230		13.00	350 Diesel, With Power Steering..... 30.50		
F12-F14		15.00	350 Diesel Utility..... 30.00		
FW12-FW14-W12-W14		16.00	Series 400-450, Diesel, No Power Steering..... 30.50		
F20-1020-F30-W30		6.50	Series W400-W450, Diesel..... 31.50		
Series H-M-MTA Non-Diesels		18.00	Series 400-450, Diesel, With Power Steering..... 32.00		
Series 4-6-W6TA Non-Diesels		19.00	W30..... 19.50		
Series 9-600-650 Non-Diesels		20.00	W40-WA40..... 27.00		
Series M-MTA Diesels		26.50	300 Utility-350 Utility, Non-Diesel..... 21.50		
Series 6-W6TA Diesels		27.50	* See Also B40pa, B41pa, B42pa, B43pa, B65pa, B66pa *		
Series 9-600-650 Diesels		28.50	B14A—PISTONS, BORES, CRANKPINS AND TIMING GEARS —INSPECT (Includes B11A and B84)		
Series 300-350-400-450, Non-Diesel, No Power Steering..... 19.50			Series A-B-C-100-130-200-230..... 27.50		
Series W400-W450, Non-Diesel..... 20.50			Cub..... 30.00		
Series 300-350-400-450, Non-Diesel, With Power Steering..... 21.00			Series 9-12-14-600-650, Non-Diesels..... 36.00		
350 Diesel, No Power Steering..... 26.50			F20-1020-F30-W30..... 40.00		
350 Diesel, With Power Steering..... 28.00			W40-WA40..... 50.00		
350 Diesel Utility..... 27.50			Series H-M-MTA, Non-Diesels..... 31.50		
Series 400-450, Diesel, No Power Steering..... 28.00			Series M-MTA, Diesels..... 41.50		
Series W400-W450, Diesel..... 29.00			Series 9-600-650, Diesels..... 44.50		
Series 400-450, Diesel, With Power Steering..... 29.50			300 Utility-350 Utility, Non-Diesels..... 33.00		
W40..... 23.00			Series 4-6, Non-Diesel (Cast Iron Frame)..... 34.50		
WA40 (Prior to WTM 831)..... 10.00			Series 6 (Channel Frame)-W6TA, Non-Diesel..... 32.50		
300 Utility-350 Utility, Non-Diesels..... 19.00			Series 6, Diesel (Cast Iron Frame)..... 43.00		
Refer to note under B10.			Series 6 (Channel Frame)-W6TA, Diesel..... 42.50		
* See Also B40pa, B41pa, B42pa, B43pa, B65pa, B66pa *			Series 300-350-400-450, Non-Diesel, No Power Steering..... 33.00		
★			Series W400-W450, Non-Diesel..... 34.00		
B11A—PISTONS, BORES AND CRANKPINS—INSPECT (Includes B10A And Use Of Micrometers)			Series 300-350-400-450, Non-Diesel, With Power Steering..... 34.50		
Cub-Series A-B-C-100-130-200-230		15.50	350 Diesel, No Power Steering..... 45.50		
F12-F14		17.50	350 Diesel, With Power Steering..... 47.00		
W12-W14-F20-1020-F30		18.50	350 Diesel Utility..... 45.50		
Series H-M-MTA, Non-Diesels		20.50	Series 400-450, Diesel, No Power Steering..... 43.00		
Series 9-600-650, Non-Diesels		22.50	Series W400-W450, Diesel..... 42.50		
Series 4-6-W6TA, Non-Diesels		21.50	Series 400-450, Diesel, With Power Steering..... 44.50		
Series M-MTA, Diesels		29.00	B15pa—Main Bearings—Inspect (When Rods Are Out) (Includes R&R Main Bearing Caps)		
Series 6-W6TA, Diesels		30.00	Cub-Series A-B-C-100-130-200-230..... 2.50		
Series 9-600-650, Diesels		31.00	F12-F14-FW12-FW14-W12-W14..... 3.00		
Series 300-350-400-450, Non-Diesels, No Power Steering..... 22.00			Series M-6-9-MTA-W6TA-400-450-600, Diesels..... 4.50		
Series W400-W450, Non-Diesel..... 23.00			W40-WA40..... 9.00		
... B11A Continued in Next Column.			Series W400-W450-650, Diesel..... 4.50		
★			350 Diesel-350 Diesel Utility..... 3.50		
B18—HEAD GASKET—RENEW (Cleaning of Carbon Not Included)			Other Non-Diesel Models..... 3.00		
Cub-Series A-B-C-100-130-200-230		8.00	* See Also B53pa *		
F12-F14		8.50			
FW12-FW14-W12-W14-F20-1020-F30		9.50			
Series 9-600-650 Non-Diesels		12.50			
Series 9-600-650 Diesels		21.00			
Series M-6-MTA-W6TA Diesels		20.00			
Series 300-350-400-450, Non-Diesel, No Power Steering..... 13.00					
Series W400-W450, Non-Diesel..... 13.00					
Series 300-350-400-450, Non-Diesel, With Power Steering..... 14.50					
Series 400-450, Diesel, No Power Steering- W400-W450, Diesel..... 21.50					
Series 400-450, Diesel, With Power Steering..... 23.00					
350 Diesel, No Power Steering..... 20.00					
350 Diesel, With Power Steering..... 21.50					
... B18 Continued in Next Column.					

CYLINDER HEAD & CARBON

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.

Job Number	DESCRIPTION	Suggested Price
B18—HEAD GASKET—RENEW (Cleaning of Carbon Not Included)		
Cub-Series A-B-C-100-130-200-230		8.00
F12-F14		8.50
FW12-FW14-W12-W14-F20-1020-F30		9.50
Series 9-600-650 Non-Diesels		12.50
Series 9-600-650 Diesels		21.00
Series M-6-MTA-W6TA Diesels		20.00
Series 300-350-400-450, Non-Diesel, No Power Steering..... 13.00		
Series W400-W450, Non-Diesel..... 13.00		
Series 300-350-400-450, Non-Diesel, With Power Steering..... 14.50		
Series 400-450, Diesel, No Power Steering- W400-W450, Diesel..... 21.50		
Series 400-450, Diesel, With Power Steering..... 23.00		
350 Diesel, No Power Steering..... 20.00		
350 Diesel, With Power Steering..... 21.50		
... B18 Continued in Next Column.		



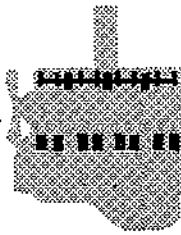
350 Diesel Utility.....	20.00
W30.....	10.50
W40-WA40.....	14.00
Other Non-Diesel Models.....	11.50
* See Also B27p, B28p *	

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
★			★		
B19	HEAD—RENEW AND CLEAN CARBON AND PLUGS AND/OR PRECOMBUSTION CHAMBERS OR ENERGY CELLS AND CHECK NOZZLES		B20	CARBON—CLEAN (Includes Clean Spark Plugs and/or Precombustion Chambers or Energy Cells and Check Nozzles)	
	Series A-B-C-100-130-200-230	19.00		Cub-Series A-B-C-100-130-200-230	8.50
	Cub	7.50		F12-F14	11.00
	F12-F14	21.50		FW12-W12-FW14-W14-F20-1020-F30	12.00
	FW12-W12-FW14-W14-F20-1020-F30	22.50		W30	13.00
	W30	23.50		W40-WA40	17.50
	W40-WA40	31.00		Series 9-600-650, Non-Diesels	15.00
	Series 9-600-650, Non-Diesels	25.50		Series 300-350-400-450, Non-Diesels, No Power Steering	15.50
	Series 9-600-650, Diesels	47.00		Series W400-W450, Non-Diesels	15.50
	Series 300-350-400-450, Non-Diesels, No Power Steering	26.00		Series 300-350-400-450, Non-Diesels, With Power Steering	17.00
	Series W400-W450, Non-Diesels	26.00		350 Diesel, No Power Steering	32.00
	Series 300-350-400-450, Non-Diesels, With Power Steering	27.50		350 Diesel, With Power Steering	33.50
	350 Diesel, No Power Steering	39.00		350 Diesel Utility	32.00
	350 Diesel, With Power Steering	40.50		Series 400-450, Diesel, No Power Steering- W400-W450, Diesels	34.50
	350 Diesel Utility	39.00		Series 400-450, Diesel, With Power Steering	36.00
	Series 400-450, Diesel, No Power Steering- W400-W450, Diesels	47.50		Other Non-Diesel Models	14.00
	Series 400-450, Diesel, With Power Steering	49.00		Series M-6-MTA-W6TA Diesels	33.00
	Other 4-Cylinder Diesels	46.00		Series 9-600-650, Diesels	34.00
	Other Non-Diesel Models	24.50			

• See Also B27p, B28p •

VALVES, GUIDES, SPRINGS, TAPPETS, CAM FOLLOWERS AND ROCKERS

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



★			B24	ROCKER COVER GASKET, ONE—RENEW	
B22A	TAPPETS, ALL—ADJUST			Series 9-600-650, Non-Diesels	2.50
	Series 9-600-650, Non-Diesels	3.50		W40-WA40	3.50
	W40-WA40	5.00		Series M-6-9-MTA-W6TA-600-650, Diesels	3.00
	Series M-6-9-600-650-MTA-W6TA, Diesels	4.50		Series 300-350-400-450, Non-Diesel, No Power Steering	2.50
	Series 300-350-400-450, Non-Diesels, No Power Steering	3.50		Series 300-350-400-450, Non-Diesel, With Power Steering	4.00
	Series 300-350-400-450, Non-Diesels, With Power Steering	5.00		350 Diesel, No Power Steering	3.00
	350 Diesel, No Power Steering	4.00		350 Diesel, With Power Steering	4.50
	350 Diesel, With Power Steering	5.50		350 Diesel Utility	3.00
	350 Diesel Utility	4.00		Series 400-450, Diesel, No Power Steering	3.50
	Series 400-450, Diesel, No Power Steering	5.00		Series 400-450, Diesel, With Power Steering	7.00
	Series 400-450, Diesel, With Power Steering	8.50		Series W400-W450, Non-Diesels	2.50
	Series W400-W450, Non-Diesels	3.50		Series W400-W450, Diesels	3.50
	Series W400-W450, Diesels	5.00		Other Non-Diesel Models Except Cub	2.00
	Other Non-Diesel Models	3.00	B25	ROCKER LEVER COVER AND SIDE COVER GASKETS, ALL—RENEW	
B23	VALVE SIDE COVER GASKET, ONE—RENEW			W40-WA40	6.00
	Cub	1.00		Series 9-600-650, Non-Diesels	5.00
	W40-WA40	2.50		Series M-6-9-MTA-W6TA-600-650, Diesels	7.00
	Series M-6-9-MTA-W6TA-400-W400-600, Diesels	3.00		Series 300-350-400-450, Non-Diesel, No Power Steering	4.00
	Other Non-Diesel Models	1.50		Series 300-350-400-450, Non-Diesel, With Power Steering	5.50
	Series 450-W450-650, Diesels	3.00		Series 400-450, Diesel, No Power Steering	7.50
B23A	VALVE SIDE COVER GASKETS, ALL—RENEW			Series 400-450, Diesel, With Power Steering	11.00
	Series 9-600-650 Non-Diesels	2.50		Series W400-W450, Non-Diesel	4.00
	Series M-6-9-MTA-W6TA-400-W400-600, Diesels	4.00		Series W400-W450, Diesel	7.50
	Series 450-W450-650, Diesels	4.00		Other Non-Diesels So Equipped	3.50

FLAT RATE

**INTERNATIONAL HARVESTER
B26 to B33bp**

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
★					
B26	—VALVE SPRING, ONE—RENEW AND ADJUST ONE TAPPET				
	Cub	7.50		Series 9-600-650, Non-Diesels	33.00
	W40-WA40	7.00		W40-WA40	40.00
	Series 9-600-650, Non-Diesels	5.00		Series 300-350-400-450, Non-Diesel, No Power Steering	33.50
	Series M-6-9-MTA-W6TA-600-650, Diesels	6.50		Series W400-W450, Non-Diesel	33.50
	Series 300-350-400-450, Non-Diesel, No Power Steering	5.00		Series 300-350-400-450, Non-Diesel, With Power Steering	35.00
	Series 300-350-400-450, Non-Diesel, With Power Steering	6.50		350 Diesel, No Power Steering	48.00
	350 Diesel, No Power Steering	7.00		350 Diesel, With Power Steering	49.50
	350 Diesel, With Power Steering	8.50		350 Diesel Utility	48.00
	350 Diesel Utility	7.00		Series 400-450, Diesel, No Power Steering	63.00
	Series 400-450, Diesel, No Power Steering	7.00		W400, Diesel	63.00
	Series 400-450, Diesel, With Power Steering	8.50		Series 400-450, Diesel, With Power Steering	64.50
	Series W400-W450, Non-Diesel	5.00		Series M-6-MTA-W6TA, Diesels	61.50
	Series W400-W450, Diesel	7.00		Series 9-600-650, Diesels	62.50
	Other Non-Diesel Models	4.50		Other Non-Diesel Models	32.00
	On Cub, includes B18. On other models done without removing head but includes R&R rocker arms.			• See Also B33p, B33bp •	
★					
B27	—VALVES—RESEAT AND TUNE ENGINE. INCLUDES: ADJUST TAPPETS AND FAN BELT AND CARBURETOR, CLEAN AND REGAP SPARK PLUGS AND IGNITION BREAKER CONTACTS, CLEAN FUEL LINE SCREEN AND CARBURETOR SCREEN, RETIME IGNITION AND ADJUST GOVERNED SPEED AND ON DIESELS, CLEAN PRECOMBUSTION CHAMBERS OR ENERGY CELLS, CHECK SPRAY PATTERN OF NOZZLES, ADJUST STARTING LINKAGE AND RETIME INJECTION				
	Series A-B-C-100-130-200-230	21.00	B28p	—Same As B28 (When Cylinder Head Is Off)	
	Cub	26.00		Cub	24.50
	F12-F14	24.50		W40-WA40	26.00
	FW12-W12-FW14-W14-F20-1020-F30	25.50		350 Diesel-350 Diesel Utility	28.00
	Series 9-600-650, Non-Diesels	29.00		Series M-6-9-MTA-W6TA-400-450-W400-W450- 600-650, Diesels	41.50
	W30	26.50		Series A-B-C-100-130-200-230	19.00
	W40-WA40	34.50		F12-F14-FW12-W12-FW14-W14-F20-1020-F30-W30	20.00
	Series 300-350-400-450, Non-Diesel, No Power Steering	29.50		Other Non-Diesel Models	20.50
	Series W400-W450, Non-Diesel	29.50	B31p	—Stem Guide, One—Renew (When Valves Are Being Reseated)	
	Series 300-350-400-450, Non-Diesel, With Power Steering	31.00		All Models	1.50
	350 Diesel, No Power Steering	44.00	★		
	350 Diesel, With Power Steering	45.50	B31pa	—Stem Guides, All—Renew (When Valves Are Being Reseated)	
	350 Diesel Utility	44.00		Cub	4.50
	Series 400-450, Diesel, No Power Steering- W400-W450, Diesel	57.50		W40-WA40-Series M-6-9-MTA-W6TA-400-450- W400-W450-600-650, Diesels	5.50
	Series 400-450, Diesel, With Power Steering	59.00		Other Models	4.00
	Other Non-Diesel Models	28.00	B32p	—Valve Seat Insert, One—Renew (When Valves Are Being Reseated)	
	Series M-6-MTA-W6TA, Diesels	56.00		All Engines Originally Fitted With Inserts	2.00
	Series 9-600-650, Diesels	57.00	★		
	• See Also B31pa, B33p, B33bp •				
B27p	—Same As B27 (When Cylinder Head Is Off)		B33p	—Valves and Guides When Cylinder Head Is Brought In—Reseat Valves and Renew Guides (Does Not Include Tappet Adjustment or Tuning) NOT INCLUDING CLEAN PRECOMBUSTION CHAMBERS OR ENERGY CELLS OR CHECK NOZZLES	
	Cub	20.00		W40-WA40	19.50
	W40-WA40	20.50		Series M-6-9-MTA-W6TA-400-450- W400-W450-600-650, Diesels	19.50
	350 Diesel-350 Diesel Utility	24.00		350 Diesel-350 Diesel Utility	14.00
	Series M-6-9-MTA-W6TA-400-450-W400-W450- 600-650, Diesels	36.00		Other Non-Diesel Models Except Cub	14.00
	Series A-B-C-100-130-200-230	15.00		INCLUDING CLEAN PRECOMBUSTION CHAMBERS OR ENERGY CELLS AND CHECK NOZZLES	
	F12-F14-FW12-W12-FW14-W14-F20-1020-F30-W30	16.00		350 Diesel-350 Diesel Utility	23.50
	Other Non-Diesel Models	16.50		Series M-6-9-MTA-W6TA-400-450- W400-W450-600-650, Diesels	29.00
	• See Also B18 •				
★					
B28	—VALVES AND GUIDES—RESEAT AND TUNE AS IN B27 AND RENEW ALL STEM GUIDES		B33bp	—Valves, When Cylinder Head Is Brought In—Reseat Valves Only. Does Not Include Tappet Adjustment or Tuning NOT INCLUDING CLEAN PRECOMBUSTION CHAMBERS OR ENERGY CELLS OR CHECK NOZZLES	
	Cub	30.50		W40-WA40	14.00
	Series A-B-C-100-130-200-230	25.00		350 Diesel-350 Diesel Utility	10.00
	W30	30.50		Series M-6-9-MTA-W6TA-400-450- W400-W450-600-650, Diesels	14.00
	F12-F14	28.50		Other Non-Diesel Models Except Cub	10.00
	FW12-W12-FW14-W14-F20-1020-F30	29.50		INCLUDING CLEAN PRECOMBUSTION CHAMBERS OR ENERGY CELLS AND CHECK NOZZLES	
	... B28 Continued in Next Column.				

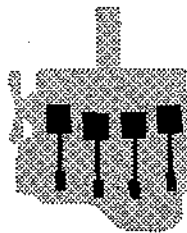
INTERNATIONAL HARVESTER B34 to B40pa

FLAT RATE

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
★					
B34	NOISY FOLLOWER—LOCATE AND RENEW ONE		B35A	FOLLOWER BUSHINGS, ALL—RENEW	
	Cub-FW12-W12-FW14-W14	28.00		F20-1020-F30	21.50
	F12-F14-Series A-B-C-100-130-200-230	26.50		W30	22.50
	Series 9-600-650, Non-Diesels	8.00		W40-WA40	11.50
	F20-1020-F30	14.50		Refer to notes under B34 and B35.	
	W30	15.50	B35qa	Same As B35A (When Cylinder Head Is Off)	
	W40-WA40	8.50		F20-1020-F30-W30	12.00
	Series 300-350-400-450, Non-Diesel,			W40-WA40	5.00
	No Power Steering	8.00		Refer to notes under B34 and B35.	
	Series 300-350-400-450, Non-Diesel,		B37	ROCKER ARMS UNIT COMPLETE—R&R AND DIS- ASSEMBLE, ADJUST TAPPETS AND RENEW ANY PARTS WHICH REQUIRE NO FITTING OR REAMING	
	With Power Steering	9.50		Series 9-600-650, Non-Diesels	5.50
	Series 400-450, Diesel, No Power Steering	12.00		W40-WA40	8.00
	Series 400-450, Diesel, With Power Steering	15.50		Series M-6-9-MTA-W6TA-600-650, Diesels	6.50
	Series W400-W450, Non-Diesel	8.00		Series 300-350-400-450, Non-Diesel,	
	Series W400-W450, Diesel	12.00		No Power Steering	5.50
	Other Non-Diesel Models	7.50		Series 300-350-400-450, Non-Diesel,	
	Series M-6-9-MTA-W6TA-600-650, Diesels	11.50		With Power Steering	7.00
	350 Diesel, No Power Steering	34.50		Series 400-450, Diesel, No Power Steering	7.00
	350 Diesel, With Power Steering	36.00		Series 400-450, Diesel, With Power Steering	10.50
	350 Diesel Utility	34.50		Series W400-W450, Non-Diesel	5.50
	On Series A-B-C-Cub-12-14-100-130-200-230, includes B5 and B88. On 350 Diesel and 350 Diesel Utility, includes R&R camshaft. On 1020-F20-F30-W30, done by extracting tappet guide from block and with- drawing tappet from below and includes B18 and B95. On other models, done without removing cam- shaft but includes R&R rockers.			Series W400-W450, Diesel	7.00
				350 Diesel, No Power Steering	6.00
				350 Diesel, With Power Steering	7.50
				350 Diesel Utility	6.00
				Other Models	5.00
B35	FOLLOWER BUSHING, ONE—RENEW		B38pa	Rocker Arms, All—Rebush (When All Are Rocker Shaft)	Off
	F20-1020-F30	14.50		Iron Or Forged Type Only	5.00
	W30	15.50			
	W40-WA40	9.50			
	Refer to note under B34. On W40-WA40 applies to renewal of guide cluster unit.				

PISTON RINGS, PINS, ROD BEARINGS

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



Deridging of cylinder bores is included in all major ring renewal operations except on engines with wet sleeves or where otherwise noted. Alignment of rods is included in all major (complete) jobs except where the contrary is noted.

★					
B40A	RINGS FOR ALL PISTONS—RENEW				
	Series A-B-C-100-130-200-230	20.00		Series W400-W450, Non-Diesel	29.50
	Cub (Including Deridging)-F12-F14	21.50		Series 300-350-400-450, Non-Diesel,	
	FW12-W12-FW14-W14	23.00		With Power Steering	30.00
	Series H-M-MTA, Non-Diesels	27.00		350 Diesel, No Power Steering	35.50
	Series 9-600-650, Non-Diesels	29.00		350 Diesel, With Power Steering	37.00
	Series 4-6-W6TA, Non-Diesels	28.00		350 Diesel Utility	36.50
	F20-1020-F30-W30 (From Above)	24.50		Series 400-450, Diesel, No Power Steering	37.00
	W40-WA40 (From Above)	34.00		Series W400-W450, Diesel	38.00
	Series 300-350-400-450, Non-Diesel,			Series 400-450, Diesel, With Power Steering	38.50
	No Power Steering	28.50		Series M-6-MTA-W6TA, Diesels	36.00
				Series 9-600-650, Diesels	37.50
	... B40A Continued in Next Column.			300 Utility-350 Utility, Non-Diesels	28.00
				• See Also B27p, B61, B63, B64 •	
				B40pa	Rings, All—Renew (When Rods Are Out And Head Is Off) Rod Alignment And Deridging Not Included
				W40-WA40	4.50
				Other Models	2.50
				• See Also B10A, B11A, B14A •	

FLAT RATE

INTERNATIONAL HARVESTER B40B to B43pa

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
★					
B40B	RINGS AND ROD BEARINGS—RENEW ALL RINGS AND ADJUST ALL ROD BEARINGS				
	F20-1020-F30-W30 (From Above).....	27.00		Series 9-600-650, Non-Diesels.....	32.50
	W40-WA40	38.00		Series 4-6-W6TA, Non-Diesels.....	31.50
	• See Also B27p, B61, B63, B64 •			F20-1020-F30-W30 (From Above).....	25.50
B41B	PINS (OVERSIZE) AND RINGS, ALL—RENEW			W40-WA40 (From Above).....	35.50
	Series A-B-C-100-130-200-230	25.50		Series M-6-MTA-W6TA, Diesels.....	39.50
	Cub (Includes Deridging).....	27.00		Series 9-600-650, Diesels.....	41.00
	F12-F14	27.50		300 Utility-350 Utility, Non-Diesels.....	31.50
	FW12-W12-FW14-W14	28.50		Series 300-350-400-450, Non-Diesel, No Power Steering.....	32.00
	Series H-M-MTA, Non-Diesels.....	32.50		Series W400-W450, Non-Diesel.....	33.00
	Series 9-600-650, Non-Diesels.....	34.50		Series 300-350-400-450, Non-Diesel, With Power Steering.....	33.50
	Series 4-6-W6TA, Non-Diesels.....	33.50		350 Diesel, No Power Steering.....	39.00
	F20-1020-F30-W30 (From Above).....	27.50		350 Diesel, With Power Steering.....	40.50
	W40-WA40 (From Above).....	40.00		350 Diesel Utility.....	40.00
	Series M-6-MTA-W6TA, Diesels.....	41.50		Series 400-450, Diesel, No Power Steering.....	40.50
	Series 9-600-650, Diesels.....	49.00		Series W400-W450, Diesels.....	41.50
	300 Utility-350 Utility, Non-Diesels.....	33.50		Series 400-450, Diesel, With Power Steering.....	42.00
	Series 300-350-400-450, Non-Diesel, No Power Steering.....	34.00		• See Also B27p, B28p, B63, B64 •	
	Series W400-W450, Non-Diesel.....	35.00	★		
	Series 300-350-400-450, Non-Diesel, With Power Steering.....	35.50	B42C	PINS, BUSHINGS, RINGS AND ROD BEARINGS—RENEW	
	Series 400-450, Diesel, No Power Steering.....	42.50		Series A-B-C-100-130-200-230	24.50
	Series W400-W450, Diesel.....	49.50		Cub (Includes Deridging).....	26.00
	Series 400-450, Diesel, With Power Steering.....	44.00		F12-F14	26.50
★					
B41C	PINS (OVERSIZE), RINGS AND ROD BEARINGS—RENEW			FW12-W12-FW14-W14	27.50
	Series A-B-C-100-130-200-230	26.50		Series H-M-MTA, Non-Diesels (Includes Deridging).....	31.50
	Cub (Includes Deridging).....	28.00		Series 9-600-650, Non-Diesels (Includes Deridging).....	33.50
	F12-F14	28.50		Series 4-6-W6TA, Non-Diesels (Includes Deridging).....	32.50
	FW12-W12-FW14-W14	29.50		F20-1020-F30-W30 (From Above).....	29.50
	Series H-M-MTA, Non-Diesels.....	33.50		W40-WA40 (From Above).....	43.00
	Series 9-600-650, Non-Diesels.....	35.50		Series 9-600-650, Diesels.....	42.00
	Series 4-6-W6TA, Non-Diesels.....	34.50		Series M-6-MTA-W6TA, Diesels.....	40.50
	F20-1020-F30-W30 (From Above).....	31.50		300 Utility-350 Utility, Non-Diesels.....	32.50
	W40-WA40 (From Above).....	46.00		Series 300-350-400-450, Non-Diesel, No Power Steering.....	33.00
	Series M-6-MTA-W6TA, Diesels.....	42.50		Series W400-W450, Non-Diesels.....	34.00
	Series 9-600-650, Diesels.....	44.00		Series 300-350-400-450, Non-Diesel, With Power Steering.....	34.50
	300 Utility-350 Utility, Non-Diesels.....	34.50		350 Diesel, No Power Steering.....	40.00
	Series 300-350-400-450, Non-Diesel, No Power Steering.....	35.00		350 Diesel, With Power Steering.....	41.50
	Series W400-W450, Non-Diesel.....	36.00		350 Diesel Utility.....	41.00
	Series 300-350-400-450, Non-Diesel, With Power Steering.....	36.50		Series 400-450, Diesels, No Power Steering.....	41.50
	Series 400-450, Diesel, No Power Steering.....	43.50		Series W400-W450, Diesel.....	42.50
	Series W400-W450, Diesel.....	44.50		Series 400-450, Diesel, With Power Steering.....	43.00
	Series 400-450, Diesel, With Power Steering.....	45.00		• See Also B27p, B28p, B61, B63, B64 •	
B41D	SAME AS B41C BUT ADJUST BEARINGS, NOT RENEW		★		
	F20-1020-F30-W30 (From Above).....	30.50	B42D	SAME AS B42C BUT ADJUST BEARINGS, NOT RENEW	
	W40-WA40 (From Above).....	42.50		F20-1020-F30-W30 (From Above).....	28.50
B41p	Pin, One (Oversize)—Renew (When Rod Is Out) Rod Alignment And Deridging Not Included All Models Where Oversize Pins Are Available....	2.50		W40-WA40 (From Above).....	39.50
B41pa	Pins, All (Oversize)—Renew (When Rods Are Out) Rod Alignment And Deridging Not Included				
	W40-WA40	8.00		B42p	Pin And Bushing, One—Renew (When Rod Is Out) Rod Alignment Not Included
	Other Models Where Oversize Pins Are Available..	5.50			All Models
★					
B42B	PINS AND PIN BUSHINGS AND RINGS, ALL—RENEW				2.00
	Series A-B-C-100-130-200-230	22.50	★		
	Cub (Includes Deridging).....	25.00	B42pa	Pins And Bushings, All—Renew (When Rods Are Out) Rod Alignment And Deridging Not Included	
	F12-F14	25.50		W40-WA40	5.00
	FW12-W12-FW14-W14	26.50		Other Models	3.50
	Series H-M-MTA, Non-Diesels.....	30.50	★		
	... B42B Continued in Next Column.		B43pa	Top Ridge For All Bores—Remove (When Cylinder Head Is Off)	
				Cub-Series H-M-4-6-9-MTA-W6TA-300 Utility-350 Utility-300-350-400-450-W400-W450-600-650	2.00
				Ridge removal not advisable on other (wet sleeve) models.	

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
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CONNECTING RODS AND BEARINGS

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.

B45—SHIMMED ROD BEARING, ONE—ADJUST	
F20-1020-F30-W30	5.00
W40-WA40	6.00

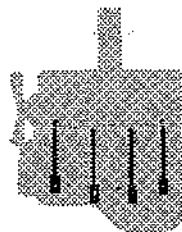
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B45A—SHIMMED ROD BEARINGS, ALL—ADJUST	
F20-1020-F30-W30	8.00
W40-WA40	11.00

B46—ROD BEARING, ONE—RENEW	
Cub-Series A-B-C-12-14-100-130-200-230	4.00
Series H-M-MTA-300-350-400-450	4.00
Series 4-6-9-W6TA-300 Utility-350 Utility-W400-600...	5.00
F20-1020-F30-W30	6.00
W40-WA40	7.00
Series W450-650	5.00

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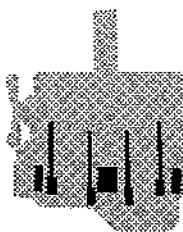
B46A—ROD BEARINGS, ALL—RENEW	
Cub-Series A-B-C-12-14-100-130-200-230	6.00
Series H-M-MTA-300-350-400-450	6.00
Series 4-6-9-W6TA-300 Utility-W400-600.....	7.00
F20-1020-F30-W30	10.50
W40-WA40	14.50
350 Utility-Series W450-650.....	7.00



B46qa—Same As B46A (When Rods Are Out)	
F20-1020-F30-W30	4.00
W40-WA40	6.00
Other 4-Cylinder Shimless Precision Types.....	1.00
B47p—Rod Bearing, One—Refit By Scraping Or Reaming (When Rod Unit Is Out)	
Shimmed Non-Precision Type.....	3.50
B48p—Rod, One—Align (When Rod Is Out)	
All Models	1.00
B48pa—Rods, All—Align (When Rods Are Out)	
4-Cylinder Models	2.00
6-Cylinder Models	2.50

MAIN AND ROD BEARING COMBINATIONS

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



★

B53A—MAIN BEARINGS, ALL—RENEW	
Cub-Series A-B-C-12-14-100-130-200-230	8.00
Series H-M-MTA-300-350-400-450, Non-Diesels.....	8.50
Series 4-6-9-W6TA-300 Utility-350 Utility-W400-W450-600-650, Non-Diesels	9.50
350 Diesel	9.00
350 Diesel Utility.....	10.00
F20-1020-F30-W30	42.00
W40-WA40	19.00
Series M-MTA-400-450, Diesels.....	11.00
Series 6-9-W6TA-W400-W450-600-650, Diesels.....	12.00
On F20-1020-F30-W30, includes B84 also R&R crankshaft and flywheel. On these models refer also to note under H22. On other models done from below without removing engine or crankshaft.	

B53pa—Same As B53A (When Bearings Caps Are Off)	
W40-WA40	4.00
Series M-6-9-MTA-W6TA-400-W400-600, Diesels.....	3.50
Series 450-W450-650, Diesels.....	3.50
Other Plain Bearing Models.....	2.50
• See Also B15pa •	

★

B54A—MAIN AND ROD BEARINGS, ALL—RENEW	
Cub-Series A-B-C-12-14-100-130-200-230	11.00
Series H-M-MTA-300-350-400-450, Non-Diesels.....	11.50
Series 4-6-9-600-650-W6TA-W400-W450-300 Utility-350 Utility, Non-Diesels.....	12.50
350 Diesel	12.00
350 Diesel Utility.....	13.00
F20-1020-F30-W30	45.00
W40-WA40	22.50
Series M-MTA-400-450, Diesels.....	14.00
Series 6-9-W6TA-W400-W450-600-650, Diesels.....	15.00
Refer to notes under B53A.	
• See Also B60 •	

B54qa—Same As B54A (When Engine Is Disassembled)	
F20-1020-F30-W30	7.50
W40-WA40-Series M-6-9-MTA-W6TA-400-W400-600, Diesels	1.50
Series 450-W450-650, Diesels.....	1.50
Other Plain Bearing Models.....	1.00

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
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CRANKSHAFT AND SEALS

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.

B56—CRANKSHAFT PULLEY—RENEW

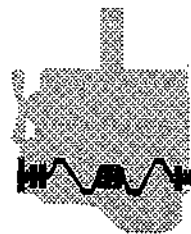
Series A-B-C-100-130-200-230	9.50
Cub	11.50
Series H-M-MTA-W6TA-6 (Channel Frame).....	9.50
Series 9-600-650	6.50
Series 4-6 (Cast Iron Frame).....	6.00
F20	7.50
F30	8.50
1020-W30-W40-WA40-Series 12-14	5.50
300 Utility-350 Utility.....	9.50
Series 300-350-400-450-W400-W450	11.00
On Cub and Series A-B-C-H-M-MTA-100-130-200-230-300 Utility-350 Utility-6 (Channel Frame)-W6TA-300-350-400-450-W400-W450, includes A27. On Series 4-9-600-650-6 (Cast Iron Frame), includes D1.	

B57pa—Crankshaft Rear Oil Seals, Upper And Lower—Renew (When Oil Pan Is Off)

Series A-B-C-100-130-200-230	15.50
Cub	14.00
F12-F14	11.50
FW12-W12-FW14-W14	20.00
Series H-M, Non-Diesels.....	17.00
Series 4-6 (Cast Iron Frame).....	19.00
W40-WA40	26.50
Series M, Diesels.....	18.50
Series 9-600-650	25.00
Series 6 (Channel Frame)-MTA-W6TA, Non-Diesels	19.00
Series 6 (Channel Frame)-MTA-W6TA, Diesels.....	20.50
300 Utility-350 Utility, Non-Diesels.....	19.50
Series 300-350-400-450-W400-W450, Non-Diesels.....	20.50
Series 400-450-W400-W450, Diesels.....	22.00
350 Diesel	21.00
350 Diesel Utility.....	20.50

Refer to notes under H22.

B59—CRANKSHAFT FRONT OIL SEAL—RENEW
All Models Same As B84



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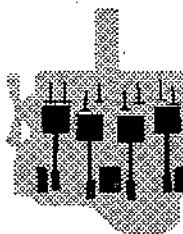
B60—MAIN AND ROD BEARINGS AND CRANKSHAFT—RENEW

Series A-B-C-100-130-200-230	40.00
Cub-FW12-W12-FW14-W14	33.50
F12-F14-Series H-M, Non-Diesels.....	35.50
Series 4-6, Non-Diesels (Cast Iron Frame).....	33.00
Series 9-600-650, Non-Diesels.....	43.50
F20-1020-F30-W30	45.00
Series M, Diesels.....	39.50
Series 6, Diesels (Cast Iron Frame).....	37.00
W40-WA40	52.50
Series 9-600-650, Diesels.....	48.00
Series 6 (Channel Frame)-MTA-W6TA, Non-Diesels	37.50
Series 6 (Channel Frame)-MTA-W6TA, Diesels.....	41.50
300 Utility-350 Utility, Non-Diesels.....	40.50
Series 300-350-400-450-W400-W450, Non-Diesels.....	39.00
Series 400-450-W400-W450, Diesels.....	43.00
350 Diesel	43.50
350 Diesel Utility.....	44.00

On all models includes B5.

COMBINATIONS — BEARINGS, PINS, RINGS & VALVES

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



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B61—RODS, RINGS AND VALVES—RENEW ALL ROD BEARINGS AND RINGS, AND RESEAT VALVES AS IN B27

Series A-B-C-100-130-200-230	36.00
Cub-F20-1020-F30-W30	42.50

... B61 Continued in Next Column.

Series 12-14	39.00
Series H-M-MTA, Non-Diesels.....	44.50
Series 9-600-650, Non-Diesels.....	46.50
Series 4-6-W6TA, Non-Diesels.....	45.50
W40-WA40	54.50
Series M-6-MTA-W6TA, Diesels.....	73.00
Series 9-600-650, Diesels.....	74.50
300 Utility-350 Utility, Non-Diesels.....	45.50
Series 300-350-400-450, Non-Diesel, No Power Steering.....	46.00
Series W400-W450, Non-Diesel.....	47.00
Series 300-350-400-450, Non-Diesel, With Power Steering.....	47.50
350 Diesel, No Power Steering.....	60.50
350 Diesel, With Power Steering.....	62.00
350 Diesel Utility.....	61.50
Series 400-450, Diesel, No Power Steering.....	74.00
Series W400-W450, Diesel.....	75.00
Series 400-450, Diesel, With Power Steering.....	75.50

• See Also B31pa, B32p, B77, B78 •

INTERNATIONAL HARVESTER B63 to B66pa

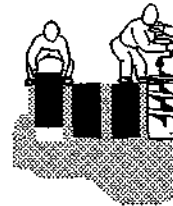
FLAT RATE

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
★	B63—RODS, PINS, RINGS AND VALVES—RENEW ROD BEARINGS, PINS, RINGS AND RESEAT VALVES AS IN B27		★	B64—MAINS, RODS, PINS, RINGS AND VALVES—RENEW MAIN AND ROD BEARINGS, PINS, RINGS AND RESEAT VALVES AS IN B27	
	Series A-B-C-100-130-200-230	41.50		Series A-B-C-100-130-200-230	46.00
	Cub-F20-1020-F30-W30	48.00		Cub	52.50
	Series 12-14	44.50		Series 12-14	49.50
	Series H-M-MTA, Non-Diesels	50.00		Series H-M-MTA, Non-Diesels	55.50
	Series 9-600-650, Non-Diesels	52.00		Series 4-6-W6TA-9-600-650, Non-Diesels	57.00
	Series 4-6-W6TA, Non-Diesels	51.00		F20-1020-F30-W30	84.00
	W40-WA40	62.50		W40-WA40	74.00
	Series M-6-MTA-W6TA, Diesels	78.50		Series M-6-MTA-W6TA, Diesels	87.50
	Series 9-600-650, Diesels	80.00		Series 9-600-650, Diesels	89.00
	300 Utility-350 Utility, Non-Diesels	49.00		300 Utility-350 Utility, Non-Diesels	54.50
	Series 300-350-400-450, Non-Diesel, No Power Steering	49.50		Series 300-350-400-450, Non-Diesel, No Power Steering	55.00
	Series W400-W450, Non-Diesel	50.50		Series W400-W450, Non-Diesel	56.00
	Series 300-350-400-450, Non-Diesel, With Power Steering	51.00		Series 300-350-400-450, Non-Diesel, With Power Steering	56.50
	Series 400-450, Diesel, No Power Steering	77.50		350 Diesel, No Power Steering	70.00
	Series W400-W450, Diesel	78.50		350 Diesel, With Power Steering	71.50
	Series 400-450, Diesel, With Power Steering	79.00		350 Diesel Utility	71.00
	350 Diesel, No Power Steering	64.00		Series 400-450, Diesel, No Power Steering	85.50
	350 Diesel, With Power Steering	65.50		Series W400-W450, Diesel	86.50
	350 Diesel Utility	65.00		Series 400-450, Diesel, With Power Steering	87.00
	• See Also B31pa, B32p, B77, B78 •			• See Also B31pa, B32p, B77, B78 •	

CYLINDER BORING AND RESLEEVEING

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.

★	B65—CYLINDER, ONE—HONE OR REBORE AND FIT NEW PISTON AND PIN AND RINGS UNITS. INCLUDES RENEW SHIMLESS PRECISION TYPE ROD BEARING AND ALIGN ROD	
	Cub	21.50
	• See Also B27p •	
	B65p—Same As B65 (When Rod Is Out And Head Is Off)	
	Cub	11.00
★	B65A—SAME AS B65 FOR ALL BORES	
	Cub	41.50
	• See Also B27p, B31pa •	
★	B65pa—Same As B65A (When Rods Are Out And Head Is Off)	
	Cub	26.00
	B66—CYLINDER, ONE—RESLEEVE AND FIT NEW PISTON, PIN AND RINGS UNIT. INCLUDES ADJUST SHIMMED ROD BEARING OR RENEW SHIMLESS PRECISION TYPE AND ALIGN ROD	
	Series A-B-C-100-130-200-230	17.00
	Series 12-14	19.50
	Series H-M-MTA, Non-Diesels	23.50
	Series 4-6-9-W6TA-600-650, Non-Diesels	25.00
	F20-1020-F30-W30	23.00
	W40-WA40	26.50
	Series M-6-MTA-W6TA, Diesels	33.00
	Series 9-600-650, Diesels	34.50
	300 Utility-350 Utility, Non-Diesels	24.50
	Series 300-350-400-450, Non-Diesel, No Power Steering	25.00
	Series W400-W450, Non-Diesels	26.00
	Series 300-350-400-450, Non-Diesel, With Power Steering	26.50
	Series 400-450, Diesel, No Power Steering	33.50
	Series W400-W450, Diesel	34.50
	Series 400-450, Diesel, With Power Steering	35.00
	350 Diesel, No Power Steering	32.00
	350 Diesel, With Power Steering	33.50
	350 Diesel Utility	33.00

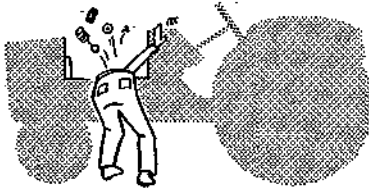


	B66p—Same As B66 (When Rod Is Out And Head Is Off)	
	Models With Dry Sleeves	7.50
	Other Models	6.00
	B66A—SAME AS B66 FOR ALL CYLINDERS	
	Series A-B-C-100-130-200-230	30.50
	Series 12-14	33.00
	Series H-M-MTA, Non-Diesels	39.50
	Series 4-6-W6TA, Non-Diesels	40.50
	Series 9-600-650, Non-Diesels	41.50
	F20-1020-F30-W30	37.50
	W40-WA40	46.50
	Series M-MTA, Diesels	48.00
	Series 6-W6TA, Diesels	49.00
	Series 9-600-650, Diesels	50.00
	300 Utility-350 Utility, Non-Diesels	40.50
	Series 300-350-400-450, Non-Diesel, No Power Steering	41.00
	Series W400-W450, Non-Diesels	42.00
	Series 300-350-400-450, Non-Diesel, With Power Steering	42.50
	Series 400-450, Diesels, No Power Steering	49.50
	Series W400-W450, Diesels	50.50
	Series 400-450, Diesel, With Power Steering	51.00
	350 Diesel, No Power Steering	48.00
	350 Diesel, With Power Steering	49.50
	350 Diesel Utility	49.00
	• See Also B27p, B31pa •	
	B66pa—Same As B66A (When Rods Are Out And Head Is Off)	
	All 4-Cylinder Dry Sleeves	19.00
	All 4-Cylinder Wet Sleeves	15.00
	W40-WA40	20.00

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
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CYLINDER BLOCK & ENGINE OVERHAUL

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



★

B71—CYLINDER BLOCK, ONE—RENEW

Series A-B-C-100-130-200-230	80.00
Cub	56.00
Series 12-14	57.00
Series H-M, Non-Diesels	64.50
Series 9-600-650, Non-Diesels	69.00
Series 4-6, Non-Diesels (Cast Iron Frame)	82.00
F20-1020-F30-W30	75.00
W40-WA40	100.00
Series M, Diesels	85.00
Series 6, Diesels (Cast Iron Frame)	82.50
Series 9-600-650, Diesels	92.00
Series 6 (Channel Frame)-MTA-W6TA, Non-Diesel	66.50
Series 6 (Channel Frame)-MTA-W6TA, Diesel	87.00
300 Utility-350 Utility, Non-Diesels	68.50
Series 300-350-400-450-W400-W450, Non-Diesels	88.00
Series 400-450-W400-W450, Diesels	88.50
350 Diesel-350 Diesel Utility	82.00

★

B75—ENGINE AND CLUTCH—OVERHAUL. INCLUDES:

- RESLEEVE CYLINDERS
- RENEW PISTONS, RINGS AND PINS
- RESEAT VALVES AND RENEW GUIDES
- REBUSH ROCKER ARMS
- RENEW MAINS AND ROD BEARINGS
- RENEW TIMING GEARS
- RENEW CRANKSHAFT OIL SEALS
- OVERHAUL CLUTCH, OIL PUMP & WATER PUMP
- OVERHAUL IGNITION UNIT AND/OR INJECTION PUMP AND NOZZLES
- CLEAN PRECOMBUSTION CHAMBERS OR ENERGY CELLS
- OVERHAUL CARBURETOR & GOVERNOR
- CLEAN CRANKSHAFT PASSAGES
- WASH AND PAINT ENGINE

Series A-B-C-100-130-200-230	106.50
Series 12-14	107.00
Series H-M, Non-Diesels	119.50
Series 9-600-650, Non-Diesels-F30	125.00
W30	123.50
Series 4-6, Non-Diesels (Cast Iron Frame)-F20-1020	117.00
W40-WA40	129.00
Series M, Diesels	204.00
Series 6, Diesels (Cast Iron Frame)	201.50
Series 9-600-650, Diesels	207.50
Series 6 (Channel Frame)-MTA-W6TA, Non-Diesel	121.50
Series 6 (Channel Frame)-MTA-W6TA, Diesel	206.00
300 Utility-350 Utility, Non-Diesels	123.50
Series 300-350-400-450-W400-W450, Non-Diesel	123.00
Series 400-450-W400-W450, Diesel	207.50
350 Diesel-350 Diesel Utility	179.00

Does not include rebushing stamped type rockers.

B75B—SAME AS B75 EXCEPT CLEAN NOZZLES INSTEAD OF OVERHAUL NOZZLES

Series M, Diesels	193.00
Series 6, Diesels (Cast Iron Frame)	190.50
Series 6 (Channel Frame)-MTA-W6TA, Diesels	195.00
Series 400-450-W400-W450-9-600-650, Diesels	196.50
350 Diesel-350 Diesel Utility	163.00

B75s—Crankshaft—Renew (In Conjunction With B75 Or B76)

All Models	2.50
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★

B76—SAME AS B75 EXCEPT HONE OR BORE CYLINDER BORES INSTEAD OF RESLEEVE

Cub (Without Hydraulic Lift)	103.00
Cub (With Hydraulic Lift)	105.00

★

B77—ENGINE—OVERHAUL, MINOR. INCLUDES:

- RESLEEVE CYLINDERS
- RENEW PISTONS, PINS AND RINGS
- RENEW ROD BEARINGS
- RESEAT VALVES AND TUNE
- ADJUST MAIN BEARINGS OR RENEW SAME
- OVERHAUL GOVERNOR
- OVERHAUL IGNITION UNIT AND INJECTION PUMP AND NOZZLES
- CLEAN PRECOMBUSTION CHAMBERS OR ENERGY CELLS
- CLEAN CRANKSHAFT PASSAGES & WASH ENGINE

Series A-B-C-100-130-200-230	65.50
Series 12-14	68.50
Series H-M-4-6-MTA-W6TA, Non-Diesels	80.00
Series 9-600-650, Non-Diesels	82.50
F20-1020 (Not Including Renew Mains)	65.00
F30 (Not Including Renew Mains)	77.00
W30 (Not Including Renew Mains)	71.00
W40-WA40	94.00
Series M-6-9-MTA-W6TA 600-650, Diesels	169.00
300 Utility-350 Utility, Non-Diesels	81.00
Series 300-350-400-450, Non-Diesel	
No Power Steering	81.50
Series W400-W450, Non-Diesel	81.50
Series 300-350-400-450, Non-Diesel	
With Power Steering	83.00
Series 400-450, Diesel, No Power Steering	170.50
Series W400-W450, Diesel	170.50
Series 400-450, Diesel, With Power Steering	172.00
350 Diesel, No Power Steering	138.50
350 Diesel, With Power Steering	140.00
350 Diesel Utility	139.50

B77B—SAME AS B77 EXCEPT CLEAN NOZZLES INSTEAD OF OVERHAUL NOZZLES

Series M-6-9-MTA-W6TA-600-650, Diesels	158.00
Series 400-450, Diesel, No Power Steering	159.50
Series W400-W450, Diesel	159.50
Series 400-450, Diesel, With Power Steering	161.00
350 Diesel, No Power Steering	127.50
350 Diesel, With Power Steering	129.00
350 Diesel Utility	128.50

★

B78—SAME AS B77 EXCEPT HONE OR BORE CYLINDER BORES INSTEAD OF RESLEEVE

Cub (Without Hydraulic Lift)	77.00
Cub (With Hydraulic Lift)	79.00

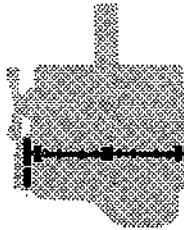
B79p—Camshaft Bearings—Renew (In Conjunction With B75 Or B76)

F12-F14-FW12-W12	7.00
F20-1020-F30-W30	8.00
Series H-M-4-6-9-MTA-W6TA-600-650, Non-Diesel	7.50
Series 300 Utility-350 Utility-300-350-400-450-W400-W450, Non-Diesel	7.50
Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650, Diesels-W40-WA40	9.00

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
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CAMSHAFT AND TIMING GEARS

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



B83—VALVES AND IGNITION—RETUNE
Refer To Operation B85.

B84—TIMING CASE COVER—R&R AND CLEAN AND RE-NEW OIL SEAL

Series A-B-C-100-130-200-230	12.00
Cub	15.00
Series 12-14	18.00
Series H-M-MTA, Non-Diesels	11.50
Series 400-450-W400-W450, Diesels	14.50
Series 300-350-400-450-W400-W450, Non-Diesels	13.00
350 Diesel	16.50
350 Diesel Utility	15.50
Series 6 (Channel Frame)-W6TA, Diesels	13.00
Series 4-9-600-650-6 (Cast Iron Frame)	13.50
Series 6 (Channel Frame)-W6TA, Non-Diesels	11.50
Series M-MTA, Diesels	13.00
F20-1020-W30-F30	21.00
W40-WA40	23.00
300 Utility-350 Utility, Non-Diesels	13.00
Series 12-14-20-30-40, includes B5. Series 4-9-600-650-6 (Cast Iron Frame), includes D1. Series A-B-C-H-M-MTA-Cub-100-130-200-230-300 Utility-350 Utility-W6TA-6 (Channel Frame)-300-350-400-450-W400-W450, includes A27.	

★
B85—CAM GEAR ONLY—RENEW

Series A-B-C-F20-1020-W30-F30-100-130-200-230	22.50
Cub	35.00
Series 12-14	29.50
Series H-M-MTA, Non-Diesels	13.50
W40-WA40	25.00
Series M-MTA, Diesels	15.00
300 Utility-350 Utility, Non-Diesel	15.00
Series 400-450-W400-W450, Diesels	16.50
Series 300-350-400-450-W400-W450, Non-Diesels	15.00
Series 6 (Channel Frame)-W6TA, Diesels	15.00
Series 4-9-600-650-6 (Cast Iron Frame)	15.50
Series 6 (Channel Frame)-W6TA, Non-Diesels	13.50
350 Diesel-350 Diesel Utility	21.50

★
B86—TIMING GEARS, ALL—RENEW

Series A-B-C-Cub-12-14-100-130-200-230	40.50
Series H-M-MTA, Non-Diesels	16.00
F20-1020-W30-F30	25.50
W40-WA40	27.50
Series M-MTA, Diesels	17.50
Series 400-450-W400-W450, Diesels	19.00
Series 300-350-400-450-W400-W450, Non-Diesels	17.50
Series 6 (Channel Frame)-W6TA, Diesels	17.50
Series 4-9-600-650-6 (Cast Iron Frame)	18.00
Series 6 (Channel Frame)-W6TA, Non-Diesels	16.00
300 Utility-350 Utility, Non-Diesels	17.50
350 Diesel-350 Diesel Utility	23.00
Series A-B-C-Cub-12-14-100-130-200-230, includes R&R camshaft and crankshaft. Series 20-30-40, includes B5.	

★
B88—CAMSHAFT—R&R OR RENEW

Series A-B-C-100-130-200-230	22.50
Cub	35.00
Series 12-14	29.50
Series H-M-MTA, Non-Diesels	24.50
F20-1020-W30-F30	33.00
W40-WA40	41.00
Series M-MTA, Diesels	26.00
300 Utility-350 Utility, Non-Diesels	26.00
Series 4-9-600-650-6 (Cast Iron Frame)	26.50
Series 6 (Channel Frame)-W6TA, Non-Diesels	24.50
Series 6 (Channel Frame)-W6TA, Diesels	26.00
Series 300-350-400-450-W400-W450, Non-Diesels	26.00
Series W400-W450, Diesel	27.50
Series 400-450, Diesel, No Power Steering	27.50
Series 400-450, Diesel, With Power Steering	29.00
350 Diesel, No Power Steering	32.50
350 Diesel, With Power Steering	34.00
350 Diesel Utility	32.50

On all models except Cub, includes R&R rocker arms assembly. On Cub, includes B18 and blocking up valves. On Series A-B-C-H-M-4-6-9-MTA-W6TA-100-130-200-230-300 Utility-350 Utility-300-350-400-450-W400-W450, done without removing engine; on other models, includes B5.

★
B90—CAMSHAFT BEARINGS, ALL—RENEW

Series 12-14	36.50
Series H-M, Non-Diesels	40.00
Series 4-6, Non-Diesels (Cast Iron Frame)	37.50
Series 9-600-650, Non-Diesels	47.00
F20-1020-W30-F30	42.50
W40-WA40	50.00
Series M, Diesels	42.50
Series 6, Diesels (Cast Iron Frame)	40.00
Series 9-600-650, Diesels	47.50
300 Utility-350 Utility Non-Diesels	44.00
Series 6 (Channel Frame)-MTA-W6TA, Non-Diesels	42.00
Series 6 (Channel Frame)-MTA-W6TA, Diesels	44.50
Series 300-350-400-450-W400-W450, Non-Diesels	43.50
Series 400-450-W400-W450, Diesels	46.00
350 Diesel-350 Diesel Utility	46.00

On models with hydraulic lift, add \$2.00 to above prices. On all models, includes B5.

B92—PLUG OR SEAL IN CYLINDER BLOCK AT REAR CAM-SHAFT JOURNAL—RENEW

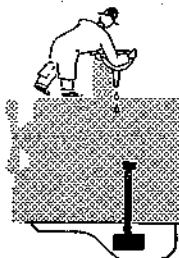
Series A-B-C-100-130-200-230	14.50
F12-F14	12.00
FW12-W12-FW14-W14	20.50
Series H-M, Non-Diesels	16.50
Series 4-6, Non-Diesels (Cast Iron Frame)	18.50
Series 9-600-650	25.00
F20-1020-W30	29.00
F30	30.00
W40-WA40	24.50
Series M, Diesels	18.00
300 Utility-350 Utility, Non-Diesels	18.50
Series 6, Diesels (Cast Iron Frame)	20.00
Series 6 (Channel Frame)-MTA-W6TA, Non-Diesels	18.50
Series 6 (Channel Frame)-MTA-W6TA, Diesels	20.00
Series 300-350-400-450-W400-W450, Non-Diesels	18.50
Series 400-450-W400-W450, Diesels	21.50
350 Diesel	20.00
350 Diesel Utility	19.50

On models equipped with hydraulic lift, add \$2.00 to above price. On all models, includes H22.

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
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ENGINE OILING SYSTEM

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



★

B95—OIL PAN—R&R, CLEAN AND RENEW GASKET

Series 4-6-9-W40-WA40-W6TA-300 Utility-350 Utility-W400-W450-600-650	4.00
Other Models	3.00

★

B96—OIL PUMP—R&R OR RENEW

Cub (Without Hydraulic Lift)	11.00
Cub (With Hydraulic Lift)	13.00
WA40-W40-Series 4-6-9-W6TA-W400-W450-600-650	5.00
300 Utility-350 Utility-350 Diesel Utility	5.00
Other Models	4.00

On Cub, includes H22 and pertains to oil pump housing only. On all models except Cub, includes operation B95.

B97—OIL PUMP BODY GEARS—RENEW

Cub (Without Hydraulic Lift)	11.00
Cub (With Hydraulic Lift)	13.00
WA40-W40-Series 4-6-9-W6TA-W400-W450-600-650	6.50
300 Utility-350 Utility-350 Diesel Utility	6.50
Other Models	5.50

Refer to notes under B96. On Cub, when reinstalling drive gear, tap same carefully to avoid distorting thrust washer at front end of camshaft.

B97B—PUMP BODY GEARS AND IDLER SHAFT—RENEW

Cub (Without Hydraulic Lift)	37.00
Cub (With Hydraulic Lift)	39.00

Includes B88. Refer to notes under B97.

B98—PUMP RELIEF VALVE SPRING—RENEW

Cub-F12-F14-FW12-W12-FW14-W14	2.00
W40-WA40-Series 9-600-650	1.00
Series 4-6-W6TA-W450-450, Non-Diesels	5.00
Series M-6-MTA-W6TA-W450-450, Diesels	1.00
300 Utility-350 Utility-350 Diesel Utility	5.00
Other Models	4.00

On Cub, relief valve is located externally under magneto; on Series 12-14-40-9-600-650 and Diesel M-MTA-6-W6TA-400-450-W400-W450 in external oil filter; on other models in pump located in oil pan.

B99—OIL FILTER OR CARTRIDGE—RENEW

All Models	1.50
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B100—OIL PRESSURE—ADJUST

Refer to operation B98.

B101—INSPECTION PLATE GASKET, ONE—RENEW

F20-1020-F30-W30	1.00
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B101A—INSPECTION PLATE GASKETS, ALL—RENEW

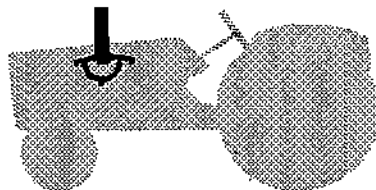
F20-1020-F30-W30	1.50
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B102—OIL PRESSURE GAUGE—R&R OR RENEW

Series 9-300-350-400-450-W400-W450-600-650	1.50
300 Utility-350 Utility-350 Diesel Utility	2.00
All Other Models	1.00

MANIFOLDS AND MUFFLERS

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



B103—MANIFOLD TO CYLINDER GASKETS—RENEW

Cub	2.00	Series M-6-9-MTA-W6TA, Diesels (Exhaust Only)	2.50
F12-F14	8.00	Series 400-450-W400-W450-600-650 Diesels (Inlet Only)	2.50
FW12-W12-FW14-W14	7.00	Series 400-450-W400-W450-600-650, Diesels (Exhaust Only)	2.50
F20-1020-F30-W30	3.50	350 Diesel-350 Diesel Utility (Inlet Only)	2.00
W40-WA40	5.50	350 Diesel-350 Diesel Utility (Exhaust Only)	1.50
Series M-6-9-MTA-W6TA, Diesels (Inlet Only)	2.50	Other Models	3.00

... B103 Continued in Next Column.

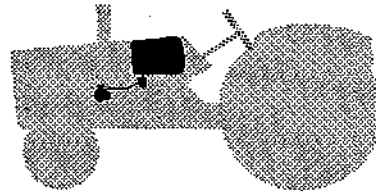
INTERNATIONAL HARVESTER B105 to C19

FLAT RATE

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
★					
B105	EXHAUST AND INLET MANIFOLD GASKETS, ALL—RENEW OR MANIFOLD UNIT—RENEW		B106A	MANIFOLD HEAT VALVES, ALL—R&R	
Cub	3.00		W40-WA40	7.00	
F12-F14	9.50		B109	EXHAUST MANIFOLD UNIT—RENEW	
FW12-W12-FW14-W14-W40-WA40	8.00		Series M-6-9-MTA-W6TA-400-W400-600, Diesels	2.50	
F20-1020-F30	4.50		Series 450-W450-650, Diesels	2.50	
W30	5.00		350 Diesel-350 Diesel Utility	2.00	
Series M-6-9-MTA-W6TA-400-W400-600, Diesels	6.00		B110	INTAKE MANIFOLD ONLY—RENEW	
Series 450-W450-650, Diesels	6.00		Series M-6-9-MTA-W6TA-400-W400-600, Diesels	5.00	
350 Diesel-350 Diesel Utility	3.00		Series 450-W450-650, Diesels	5.00	
Other Models	4.00		350 Diesel-350 Diesel Utility	2.50	
B106	MANIFOLD HEAT VALVE, ONE—R&R		B111	MUFFLER—R&R OR RENEW	
Series 12-14	8.50		All Models With Vertical Unit	0.50	
F20-F30	1.50		All Models With Horizontal Unit	2.00	
W30	1.00				
W40-WA40	6.50				
Other Models So Equipped	2.00				

CARBURETOR, FUEL SUPPLY AND GOVERNOR

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



C3	CARBURETOR—R&R OR RENEW AND ADJUST		C9	MAIN TANK—R&R AND FLUSH OR RENEW	
F12-F14-FW12-W12-FW14-W14	3.00		Series A-B-C-12-14-F20-1020-F30-100-130-200-230	3.50	
F20-1020-F30-W30	2.00		Cub-Series 300-350-400-450-W400-W450	4.50	
W40-WA40	2.50		W30-W40-WA40	4.00	
Other Models	1.50		300 Utility-350 Utility-350 Diesel Utility	13.00	
C4	CARBURETOR FUEL LEVEL—CHECK AND RESET		Other Models	3.00	
F12-F14-FW12-W12-FW14-W14	4.50		C12	FUEL PUMP, NON-DIESEL—R&R OR RENEW	
F20-1020-F30-W30	3.50		F12-F14-FW12-W12-FW14-W14-Series 9-600-650	1.00	
W40-WA40	4.00		C14	FUEL PUMP, NON-DIESEL—R&R AND OVERHAUL	
Other Models	3.00		F12-F14-FW12-W12-FW14-W14-Series 9-600-650	3.00	
C5	CARBURETOR—R&R, DISASSEMBLE AND CLEAN		C15	GOVERNOR UNIT—R&R	
F12-F14-FW12-W12-FW14-W14	6.50		F20-F30-W30-W40-WA40	7.00	
F20-1020-F30-W30-W40-WA40	7.00		1020	6.00	
Other Models	4.50		Other Non-Diesel Models	3.00	
C5p	Same As C5 (When Carburetor Is Off)		C16	GOVERNOR UNIT—ADJUST	
F12-F14-FW12-W12-FW14-W14	3.50		Series A-B-C-Cub-100-130-200-230	1.50	
F20-1020-F30-W30	5.00		Series M-6-9-MTA-W6TA-400-W400-600, Diesels	4.00	
W40-WA40	4.50		Series 450-W450-650, Diesels	4.00	
Other Models	3.00		350 Diesel-350 Diesel Utility	1.50	
★			Other Models	3.00	
C6	CARBURETOR—R&R AND OVERHAUL		C17	WEIGHTS ONLY—OVERHAUL	
F12-F14-FW12-W12-FW14-W14	8.00		F20-F30-W30-W40-WA40	8.00	
F20-1020-F30-W30-W40-WA40	8.50		Other Non-Diesel Models	4.00	
Other Models	6.00		C17p	Same As C17 (When Unit Is Off)	
★			All Non-Diesel Models	1.00	
C6p	Same As C6 (When Carburetor Is Off)		★		
F12-F14-FW12-W12-FW14-W14	5.00		C19	GOVERNOR UNIT ONLY—OVERHAUL	
F20-1020-F30-W30	6.50		Series A-B-C-12-14-100-130-200-230	8.00	
W40-WA40	6.00		Cub	6.50	
Other Models	4.50		F20-F30-W30-W40-WA40	9.50	
★			1020	8.50	
C7	CHOKE CONTROL WIRE OR ROD—RENEW		Other Non-Diesel Models	9.00	
Series H-M-6-9-MTA-W6TA	1.00		Refer to operation C21 for unit and drive overhaul.		
Series 300-350-400-450-W400-W450-600-650	1.50				
300 Utility-350 Utility	1.50				
Other Models	0.50				

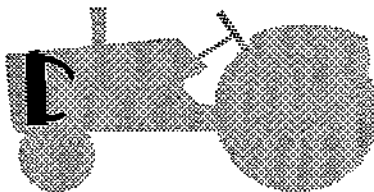
FLAT RATE

INTERNATIONAL HARVESTER C19p to D5

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
C19p—Same As C19 (When Governor Is Off)			C21p—Same As C21 (When Timing Case Cover Is Off)		
Cub		3.50	Cub		4.50
F12-F14-FW12-W12-FW14-W14		5.00	F12-F14-FW12-FW14-W12-W14		13.50
Series H-M-4-MTA-300-350-400-450, Non-Diesels		6.00	Other Models		9.50
Series 6-9-W6TA-W400-W450-600-650, Non-Diesels		6.00	Refer to notes under C20 and C21.		
300 Utility-350 Utility		6.00			
Other Non-Diesel Models		2.50			
C20—GOVERNOR SHAFT—REBUSH OR RENEW BEARINGS (Includes Ignition Unit Driving Shaft)			★		
Series A-B-C-100-130-200-230		8.00	C30—DRIVING GEAR BUSHING—RENEW (Gear Which Drives Governor Gear)		
F12-F14-FW12-W12-FW14-W14		10.00	Series 4-6 (Cast Iron Frame)-9-600-650, Non-Diesel		14.50
Cub-F20-F30-W30-W40-WA40		5.50	Series 300-350-400-450-W400-W450, Non-Diesel		14.00
All Other Non-Diesel Models		4.50	Series 6 (Channel Frame)-W6TA, Non-Diesel		12.50
On F20-1020-F30-W30-W40-WA40, applies to mag- neto driving shaft bushing. On Series 12 and 14, includes B95 and renewing bushing in crankcase.			300 Utility-350 Utility		14.00
C21—UNIT & DRIVE—OVERHAUL			Cub		16.00
Cub		19.50	Series 12-14		8.50
F12-F14-FW12-FW14-W12-W14		13.50	Series H-M-MTA, Non-Diesels		12.50
Series H-M-MTA, Non-Diesels		21.00	On Cub-Series H-M-4-6-9-MTA-W6TA-300 Utility-350 Utility-300-350-400-450-W400-W450-600-650, Non- Diesels, includes B84. On Series 12 and 14, in- cludes B95. On some late models, bushing is called shaft in parts catalog.		
Series 4-6 (Cast Iron Frame)-9-600-650, Non-Diesel		23.00			
Series 300-350-400-450-W400-W450, Non-Diesel		22.50	C30p—Same As C30 (When Timing Case Cover Is Off)		
Series 6 (Channel Frame)-W6TA, Non-Diesel		21.00	Series 12-14		8.00
300 Utility-350 Utility		22.50	Other Models So Equipped		1.00
On above models, includes idler drive gear. Also refer to notes under C20.					

RADIATOR AND HOSES, PIPES AND THERMOSTAT

All series designations include Supers & non-Supers as well as
Diesels and non-Diesels unless otherwise noted.



D1—RADIATOR ASSEMBLY—R&R			D3B—RADIATOR SPACER (SIDE ONE)—RENEW		
FW12-FW14-W12-W14-1020-W30-Series A-B-C		4.00	Series 12-14-40-9-600-650		11.50
Series 100-130-200-230		4.00	F20		12.00
Cub		6.50	F30		13.00
F12-F14-F20-Series W400-W450		6.00	1020-W30		10.00
F30-Series 300-350-400-450		7.00	Cub		1.50
W40-WA40-Series H-M-MTA		5.50	D4—RADIATOR SHUTTER—R&R		
Series 4-6-W6TA		4.50	Series A-B-C-4-100-130-200-230		2.00
Series 9-600-650		5.00	Series H-M-6-9-MTA-W6TA-300-350-400-450- W400-W450-600-650		2.50
300 Utility-350 Utility		4.50	All Other Models So Equipped		1.50
On F30, includes D19.			D4p—Same As D4 (When Radiator Is Off)		
★			Series A-B-C-4-100-130-200-230-6-9-W6TA		1.00
D2—CORE UNIT ONLY—R&R OR RENEW			All Other Models So Equipped		1.50
F12-F14-W40-WA40		16.50	D4q—Same As D4 (When Grille Is Off)		
FW12-FW14-W12-W14		14.50	Series H-M-MTA-300-350-400-450		1.50
F20-F30		17.50	Other Models So Equipped		1.00
1020-W30		15.00	D5—RADIATOR SHELL OR GRILLE—RENEW		
Series 9-600-650		16.00	Cub-300 Utility-350 Utility-300-350-400-450- W400-W450		1.00
★			Series 9-600-650		2.00
D3—UPPER OR LOWER TANK OR GASKET—RENEW			Other Models So Equipped		1.50
Series 12-14-40-9-600-650		11.50			
F20-F30		12.50			
1020-W30		10.00			
Cub		Same As D1			

INTERNATIONAL HARVESTER D6 to D19p

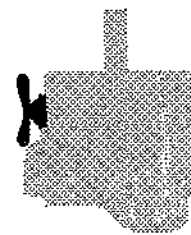
FLAT RATE

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
D6	HOSE, UPPER—RENEW		D11	MANIFOLD (HEADER) ON SIDE OF ENGINE—R&R	
	W40-WA40	1.50		Series 12-14-20-30	1.50
	Other Models So Equipped	2.00		Cub	2.00
D7	HOSE, LOWER—RENEW			Other Models So Equipped	Same As D23
	F12-F14-FW12-Series A-B-C-100-130-200-230	1.50	D12	MANIFOLD OR ELBOW ON ENGINE CONNECTED	
	FW14-W12-W14	1.50		TO TOP OF RADIATOR—R&R	
	All Other Models	1.00		Cub-F20-F30-W30-1020	4.00
D8	HOSE, PUMP TO CYLINDER—RENEW			Series A-B-C-H-M-4-6-9-MTA-W6TA-100-130-200-230...	1.50
	F30-W30	1.00		W40-WA40 (Upper Cylinder Head)	5.50
D9	HOSE, THERMOSTAT OUTLET—RENEW			Series 300-350-300 Utility-350 Utility-400-450-	
	F30-W30	1.00		W400-W450	2.00
	Other Models So Equipped	1.50		Series 600-650	1.50
D10	HOSE, ALL—RENEW			On Cub, includes B9.	
	Series A-B-C-100-130-200-230	2.50	D13	FAN HOUSING ON RADIATOR—RENEW	
	Cub-F30-W30	4.00		Series A-B-C-12-14-1020-W30-100-130-200-230	5.00
	F12-F14-FW12-FW14-W12-W14	2.00		Cub	7.50
	Series H-M-4-MTA-300-300 Utility-400	3.00		F12-F14-F20-Series W400-W450	7.00
	W40-WA40-Series 6-9-W6TA-W400-600	3.00		F30-Series 300-350-400-450	8.00
	F20-1020	1.00		Series 9-600-650	6.00
	Series 350-350 Utility-450	3.00		300 Utility-350 Utility	5.50
	Series W450-650	3.00		All Other Models	6.50
			D14	THERMOSTAT—R&R OR RENEW	
				F30-W30	9.50
				300 Utility-350 Utility	2.00
				Other Models So Equipped	1.50

FAN AND WATER PUMP

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.

D15	FAN BELT—RENEW		D19	PUMP ASSEMBLY—R&R	
	Cub-F30-W30-W40-WA40	2.00		F30-Series H-M-MTA	6.50
	300 Utility-350 Utility (Requiring D1)	5.50		W30-Series 4-6-W6TA	5.50
	All Other Models	1.50		Series 9-600-650	6.00
	On 300 Utility and 350 Utility, includes D1.			W40-WA40-Series W400-W450	7.00
D16	FAN SHAFT BEARINGS—RENEW			Series C-100-130-200-230	2.00
	Series A-B-C-12-14-100-130-200-230	4.00		300 Utility-350 Utility, Non-Diesels	6.50
	Cub	5.50		350 Diesel	3.50
	F20-1020	3.50		350 Diesel Utility	5.50
	On Cub, includes B9. On other models in D10 not listed above, refer to D21.			Other Series 300-350-400-450	8.00
D16p	Same As D16 (When Fan Is Off)		D19p	Same As D19 (When Radiator Is Off)	
	All Models Listed In D16	1.50		Series C-100-130-200-230	0.50
	Refer to notes under D16.			Series H-M-4-6-9-300-350-400-450-	
D17	FAN BLADES ONLY—R&R OR RENEW			W400-W450-600-650	1.00
	Cub	5.00		W30-W40-WA40	1.50
	W40-WA40-Series H-M-MTA	7.00		Series C-100-130-200-230	0.50
	F20-1020	3.00		350 Diesel Utility	1.00
	F30-Series 300-350-400-450	8.50		300 Utility-350 Utility, Non-Diesels	2.00
	Series 4-6-W6TA	6.00			
	Series 9-600-650	6.50			
	W30-300 Utility-350 Utility (Requiring D1)	5.50			
	Series W400-W450	7.50			
	All Other Models	3.50			
D18	FAN ASSEMBLY—R&R OR RENEW				
	Series A-B-C-12-14-100-130-200-230	2.50			
	Cub	4.00			
	F20-1020	2.00			
	Refer to notes under D16.				



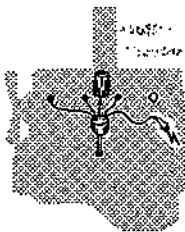
FLAT RATE

INTERNATIONAL HARVESTER D20 to E12

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
★					
D20	PUMP—RENEW SEAL OR REPACK		Series W40-9-600-650		12.50
	W40-WA40-Series W400-W450	8.50	Series M-MTA		13.00
	Series 4-6-W6TA	7.00	Series C-100-130-200-230		6.50
	F30-Series H-M-MTA	8.00	300 Utility-350 Utility, Non-Diesels		12.00
	Series 9-600-650	7.50	350 Diesel		9.00
	W30	7.00	350 Diesel Utility		11.00
	Series C-100-130-200-230	4.50	Other Series W400-300-350-W450		13.50
	350 Diesel-350 Diesel Utility	Refer to D21	Series 400-450		14.50
	300 Utility-350 Utility, Non-Diesels	8.00			
	Other Series 300-350-400-450	9.50	D21p—Same As D21 (When Pump Is Off)		
★			Series M-6-9-MTA-W6TA-W400-400-600		6.50
D20p	Same As D20 (When Pump Is Off)		Series C-100-130-200-230		4.50
	Series C-100-130-200-230	2.50	Series W450-450-650		6.50
	350 Diesel-350 Diesel Utility	Refer to D21p	All Other Models		5.50
	All Other Models	1.50			
D21	PUMP ASSEMBLY—R&R AND OVERHAUL		D23—WATER (HEADER) (DISTRIBUTION TUBE)—RENEW		
	Series F30-H-6-W6TA	12.00	Series H-M-4-MTA-300 Utility-350 Utility-		
	Series W30-4	11.00	300-350-400-450, Non-Diesels		3.50
	... D21 Continued in Next Column		Series 6-9-W6TA-W400-W450-600-650, Non-Diesels		3.50
			Series M-6-9-MTA-W6TA-400-450-		
			W400-W450, Diesels (Front)		6.50
			Series M-6-9-MTA-W6TA-400-450-		
			W400-W450, Diesels (Rear)		5.00

ELECTRICAL AND IGNITION

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.

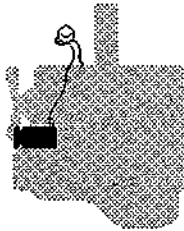


E1A	SPARK PLUGS, ALL—CLEAN AND REGAP		★	E8—BATTERY DISTRIBUTOR—R&R, OVERHAUL, TEST AND RETIME	
	W40-WA40	2.00		Models So Equipped	4.50
	Other Models	1.50	★	E8p—Battery Distributor—Overhaul And Test (When Unit Is Off Tractor)	
E2A	SPARK PLUG CABLES ONLY, ALL—RENEW			Models So Equipped	3.00
	W40-WA40	2.50	★	E9—MAGNETO AND IMPULSE COUPLING—R&R AND OVERHAUL AND RETIME	
	Other Models	2.00		F12-F14-FW12-FW14-W12-W14	11.50
E3	BREAKER CONTACTS—REGAP ONLY			F20-1020-F30-W30-W40-WA40	11.50
	F12-F14-FW12-FW14-W12-W14	1.00		Other Models	7.50
	F20-1020-F30-W30-W40-WA40	1.00	★	E9p—Magneto And Impulse Coupling—Overhaul Only (When Magneto Is Off)	
	Other Models	1.50		F12-F14-FW12-FW14-W12-W14	10.50
E4	IGNITION BREAKER—REGAP AND RETIME			F20-1020-F30-W30-W40-WA40	10.50
	F12-F14-FW12-FW14-W12-W14	2.00		Other Models	6.50
	F20-1020-F30-W30-W40-WA40	2.00	E10	IGNITION CONDENSER—RENEW	
	Other Models	2.50		Models With E4A Magneto	8.50
E5	BREAKER CONTACTS—RENEW AND RETIME			Models With F4 or F6 Magneto	3.50
	F12-F14-FW12-FW14-W12-W14	2.50		Other Models	1.50
	F20-1020-F30-W30-W40-WA40	2.50	E11	IMPULSE COUPLING—R&R AND OVERHAUL AND RETIME IGNITION	
	Other Models	3.00		All Models So Equipped	2.50
E6	MAGNETO—R&R AND RETIME			E11p—Impulse Coupling—Overhaul Only (When Magneto Is Off Engine)	
	All Models So Equipped	1.00		All Models So Equipped	1.50
			E12	IGNITION SWITCH—RENEW	
				300 Utility-350 Utility	1.50
				Series 300-350-400-450-W400-W450-600-650	1.50
				Other Models Without Battery Interference	1.00
				Other Models When Necessary to R&R Battery Carrier	3.00

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
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GENERATOR AND REGULATOR

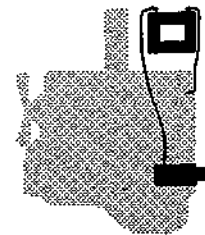
All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



E15—THIRD BRUSH—ADJUST			E25p—Armature And Brushes—Renew (When Unit Is Off)		
Cub	3.50		All Models	3.50	
Other Models So Equipped.....	1.50				
On Cub, includes R&R hood.			★		
E17—CUTOUT RELAY—CHECK AND ADJUST			E26—GENERATOR—OVERHAUL, INCLUDES:		
All Models So Equipped.....	1.50		RESURFACE AND UNDERCUT COMMUTATOR, RE-		
			NEW BEARINGS AND BRUSHES AND ADJUST		
E18—CUTOUT RELAY—RENEW			Cub	9.50	
Use Same Time Allowance As..... Operation E17			All Other Models.....	7.50	
E20—REGULATOR AND CUTOUT UNIT—RENEW			★		
All Models So Equipped.....	1.50		E28p—Same As E26 (When Generator Is Off)		
E23—GENERATOR ASSEMBLY—R&R			All Models	5.50	
Cub	4.00		E27p—Generator Field Coils—Renew (When Generator Is		
All Other Models.....	4.00		Disassembled)		
On Cub, includes R&R hood.			All Models	2.00	
E24—GENERATOR BRUSHES, ALL—RENEW			E28—GENERATOR DRIVE BELT—RENEW		
Cub	5.50		Cub	3.00	
All Other Models.....	3.50		300 Utility-350 Utility (Requiring D1).....	6.00	
E24p—Generator Brushes—Renew (When Generator Is Off)			All Other Models.....	2.00	
All Models	1.50		E30—GENERATOR CHARGE INDICATOR—RENEW		
			Series 300-350-400-450-W400-W450	1.50	
			300 Utility-350 Utility.....	2.00	
			Other Models Where Battery Doesn't Interfere.....	1.50	
			Other Models When Necessary to		
			R&R Battery Carrier.....	3.00	
			E31—LIGHTING SWITCH—RENEW		
			Series 300-350-400-450-W400-W450	1.50	
			300 Utility-350 Utility.....	1.50	
			Other Models Where Battery Doesn't Interfere.....	1.50	
			Other Models When Necessary to		
			R&R Battery Carrier.....	3.00	

STARTER, BATTERY AND HAND CRANKING

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.

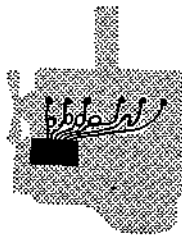


E35—STARTER SWITCH—RENEW			E43p—Armature And Brushes—Renew (When Motor Is Off)		
All Models So Equipped.....	1.00		All Models	3.00	
E38—BENDIX DRIVE SPRING—RENEW			★		
300 Utility-350 Utility.....	3.50		E44—MOTOR—R&R AND OVERHAUL, INCLUDES:		
Models Where Belt Pulley Interferes.....	6.50		RESURFACE COMMUTATOR, RENEW BRUSHES,		
Other Models So Equipped.....	3.00		BEARINGS AND TEST AND ADJUST		
E39—BENDIX DRIVE UNIT—R&R OR RENEW			300 Utility-350 Utility.....	5.50	
300 Utility-350 Utility.....	3.00		Models Where Belt Pulley Interferes.....	7.00	
Models Where Belt Pulley Interferes.....	4.50		Other Models So Equipped.....	5.00	
Other Models So Equipped.....	2.50				
E41—STARTER MOTOR ASSEMBLY—R&R					
300 Utility-350 Utility.....	1.50				
Models Where Belt Pulley Interferes.....	3.00				
Other Models So Equipped.....	1.00				
E42—MOTOR BRUSHES—RENEW					
300 Utility-350 Utility.....	3.00				
Models Where Belt Pulley Interferes.....	4.50				
All Other Models.....	2.50				
E42p—Same As E42 (When Motor Is Off)					
All Models	1.50				

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
★			E51	ENGAGING RATCHET—RENEW	
E44p	Same As E44 (When Motor Is Off)		Series A-B-C-Cub-100-130-200-230	.....	Same As B56
	Models So Equipped.....	4.00	F12-F14 (Includes A27).....		7.00
E45p	Field Coils—Renew (When Motor Is Disassembled)		FW12-FW14-W12-W14-F20-1020-F30-W30-W40-WA40	.....	2.50
	Models So Equipped.....	1.50	Series H-M-MTA-300-350-400-450	.....	2.00
E46	BATTERY CARRIER—RENEW		Series 4-8-9-W6TA-W400-W450-600-650	.....	1.00
	Models So Equipped.....	2.00	300 Utility-350 Utility.....		1.00
E47	BATTERY GROUND CABLE—RENEW		★		
	Models So Equipped.....	0.50	E51B	HAND CRANKING SYSTEM—OVERHAUL	
E50	STARTING CRANK—R&R OR RENEW		Series A-B-C-Cub-100-130-200-230	.....	Same As B56
	Models So Equipped.....	1.50	F12-F14	.....	8.00
			FW12-FW14-W12-W14-F20-1020-F30-W30-W40-WA40	.....	4.00
			Series H-M-MTA-W6TA-6 (Channel Frame)	.....	10.00
			Series 4-8 (Cast Iron Frame)-9-800-650	.....	2.00
			300 Utility-350 Utility.....		Same As E51
			Series 300-350-400-450-W400-W450	.....	11.50

DIESEL SPRAY NOZZLES, PRECOMBUSTION CHAMBERS OR ENERGY CELLS, INJECTION PUMP, PRIMARY PUMP AND MISCELLANEOUS

All series designations include Supers & non-Supers unless otherwise noted.



Labor charges for overhaul of injection pump and nozzles are the suggested MINIMUM and should not be converted downward.

G1	NOZZLE, ONE—R&R AND CHECK SPRAY PATTERN	
	All Diesel Models.....	2.00
★		
G1A	NOZZLES, ALL—R&R AND CHECK SPRAY PATTERN	
	All Diesel Models.....	6.50
G1ra	Same As G1A (When Cylinder Head Is Off)	
	All Diesel Models.....	5.50
G2	NOZZLE, ONE—R&R AND OVERHAUL COMPLETELY	
	All Diesel Models.....	8.00
G2p	Same As G2 (When Nozzle Is Brought In)	
	All Diesel Models.....	6.00
G2r	Same As G2 (When Cylinder Head Is Off)	
	All Diesel Models.....	7.00
★		
G2A	NOZZLES, ALL—R&R AND OVERHAUL COMPLETELY	
	All Diesel Models.....	30.50
★		
G2pa	Same As G2A (When Nozzles Are Brought In)	
	All Diesel Models.....	24.00
G2ra	Same As G2A (When Cylinder Head Is Off)	
	All Diesel Models.....	28.00
G3	NOZZLE, ONE—R&R, CLEAN AND RESET CRACKING PRESSURE	
	All Diesel Models.....	5.50

G3p	Same As G3 (When Nozzle Is Brought In)	
	All Diesel Models.....	3.50
G3r	Same As G3 (When Cylinder Head Is Off)	
	All Diesel Models.....	4.50
★		
G3A	NOZZLES, ALL—R&R, CLEAN AND RESET CRACKING PRESSURE	
	All Diesel Models.....	19.50
G3pa	Same As G3A (When Nozzles Are Brought In)	
	All Diesel Models.....	13.00
G3ra	Same As G3A (When Cylinder Head Is Off)	
	All Diesel Models.....	17.00
G5	PRECOMBUSTION CHAMBER OR ENERGY CELL, ONE—R&R AND CLEAN	
	Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650	2.50
	Series 350-350 Utility.....	1.50
G5r	Same As G5 (When Cylinder Head Is Off)	
	Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650	2.00
	Series 350-350 Utility.....	1.50
★		
G5A	PRECOMBUSTION CHAMBERS OR ENERGY CELLS, ALL—R&R AND CLEAN	
	Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650	8.50
	Series 350-350 Utility.....	4.50
★		
G5ra	Same As G5A (When Cylinder Head Is Off)	
	Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650	7.50
	Series 350-350 Utility.....	4.00
★		
G5sa	Same As G5A (When Nozzles Are Out)	
	Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650	4.00
	Series 350-350 Utility.....	4.50
G8	SPRAY NOZZLE AND PRECOMBUSTION CHAMBER OR ENERGY CELL, ONE CYLINDER—R&R AND CHECK SPRAY PATTERN OF NOZZLE AND CLEAN CHAMBER OR CELL	
	Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650	3.00
	Series 350-350 Utility.....	3.50

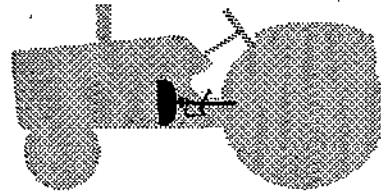
INTERNATIONAL HARVESTER G8r to H3p

FLAT RATE

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
G8r—Same As G8 (When Cylinder Head Is Off)			★		
Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650		2.50	G17—INJECTION PUMP UNIT—R&R, OVERHAUL, TEST AND ADJUST GOVERNED SPEED		
Series 350-350 Utility		3.00	Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650		39.00
G8A—SAME AS G8 FOR ALL CYLINDERS			Series 350-350 Utility		30.00
Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650		10.50	★		
Series 350-350 Utility		10.50	G17p—Injection Pump Unit—Overhaul (When Pump Is Off Engine)		
G8ra—Same As G8A (When Cylinder Head Is Off)			Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650		30.00
Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650		9.50	Series 350-350 Utility		25.00
Series 350-350 Utility		9.50	★		
★			G22—PRIMARY FUEL PUMP UNIT—R&R OR RENEW		
G12—INJECTION PUMP—RETUNE TO ENGINE			Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650		2.00
Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650		2.00			
Includes shifting timing pointer with respect to the pump drive gear.			★		
Series 350-350 Utility		1.50	G23p—Primary Fuel Pump Unit—Overhaul (When Pump Is Off Engine). Includes Overhaul Scavenging Pump on Type A Injection Pump.		
★			All Models With IH Type A Pump		8.00
G14—INJECTION PUMP UNIT—R&R OR RENEW AND RE-TIME AND ADJUST GOVERNED SPEED			All Models With IH Type B Pump		5.00
Series M-6-9-MTA-W6TA-400-450-W400-W450-600-650		8.00			
Series 350-350 Utility		5.00			

CLUTCH AND FLYWHEEL

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



(On Orchard Models, Where Work Requires R&R Fender or Fenders, Charge For Same On Time Basis.)		300 Utility-350 Utility, Non-Diesels (Engine Bearing)	16.50
H1—CLUTCH PEDAL—ADJUST FOR TRAVEL		350 Diesel Utility (Engine Bearing)	17.50
Series A-B-C-100-130-200-230-Cub	1.50	350 Diesel (Engine Bearing)	18.00
Series MTA-300-350-300 Utility-350 Utility-400-450 (Engine and TA Clutch)	2.00	Series 300-350-400-450, Non-Diesel (Engine Bearing)	17.00
Series W6TA-W400-W450 (Engine and TA Clutch)	4.00	Series 400-450, Diesel (Engine Bearing)	18.50
Other Models	1.00	Series W400-W450, Non-Diesel (Engine Bearing)	19.00
★		Series W400-W450, Diesel (Engine Bearing)	20.50
H2—CLUTCH UNIT—ADJUST. APPLIES ONLY TO TYPES HAVING A WEAR ADJUSTMENT		Series MTA, Non-Diesel (TA Bearing)	20.50
All Models So Equipped	1.50	Series MTA, Diesel (TA Bearing)	22.00
H3—RELEASE BEARING—RENEW		Series W6TA, Non-Diesel (TA Bearing)	22.50
Series A-C-100-130-200-230 (With Hydraulic Lift)	14.00	Series W6TA, Diesel (TA Bearing)	24.00
Series A-B-C-100-130-200-230 (No Hydraulic Lift)	12.00	300 Utility-350 Utility, Non-Diesels (TA Bearing)	22.50
Cub (Without Hydraulic Lift)	8.00	350 Diesel Utility (TA Bearing)	23.50
F12-F14-F20-F30	7.00	350 Diesel (TA Bearing)	24.00
FW12-FW14-W12-W14	17.50	Series 300-350-400-450, Non-Diesel (TA Bearing)	23.00
Series H-M (With Power Lift)	7.00	Series 400-450, Diesel (TA Bearing)	24.50
Series H-M (No Power Lift)	4.00	Series W400-W450, Non-Diesel (TA Bearing)	25.00
Series 9-600-650	17.00	Series W400-W450, Diesel (TA Bearing)	26.50
Cub (With Hydraulic Lift)-1020-W30-Series 4	10.00	On FW12, FW14, W12, W14, includes B5.	
Series 6 (Cast Iron Frame)	10.00	H3p—Same As H3 (When Clutch Housing Is Detached From Engine)	
Series 8 (Channel Frame)	5.00	Series A-B-C-H-M-Cub-100-130-200-230	1.00
W40-WA40	9.00	F12-F14-F20-F30	1.50
Series MTA, Non-Diesel (Engine Bearing)	15.50	Series MTA-300-350-300 Utility-350 Utility-400-450-6 (Channel Frame) (Engine Bearing)	2.00
Series MTA, Diesel (Engine Bearing)	17.00	Series W6TA-W400-W450 (Engine Bearing)	4.00
W6TA, Non-Diesel (Engine Bearing)	17.50	Series MTA (TA Bearing)	7.00
W6TA, Diesel (Engine Bearing)	19.00	Series W6TA (TA Bearing)	9.00
... H3 Continued in Next Column.		Series 300-350-300 Utility-350 Utility-400-450 (TA Bearing)	8.00
		Series W400-W450 (TA Bearing)	10.00

FLAT RATE

INTERNATIONAL HARVESTER H5 to H9s

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
H5—CLUTCH HOUSING—DETACH (SPLIT) FROM ENGINE OR MAIN FRAME AND RECONNECT			H7p—Same As H7 (When Clutch Housing Is Detached (Split) From Engine)		
	Series A-C-100-130-200-230 (With Hydraulic Lift).....	13.00		Cub-F12-F14-Series A-B-C-H-M-20-30-100-130-200-230..	2.50
	Series A-B-C-100-130-200-230 (No Hydraulic Lift)....	11.00		Series MTA-W6TA-6-300-350-300 Utility-350 Utility-	
	Cub (Without Hydraulic Lift).....	7.50		400-450-W400-W450 (Engine Clutch).....	2.50
	Cub (With Hydraulic Lift).....	9.50		Series MTA (TA Clutch).....	8.50
	F12-F14	8.50		Series W6TA (TA Clutch).....	10.50
	F20-F30	6.00		Series 300-350-300 Utility-350 Utility-	
	Series H-M, Non-Diesels.....	11.50		400-450 (TA Clutch).....	9.50
	Series M, Diesels.....	13.00		Series W400-W450 (TA Clutch).....	11.50
	Series 6 (Channel Frame)-MTA-W6TA, Non-Diesels... 13.50		H7q—Same As H7 (When Power Lift Unit Is Off)		
	Series 6 (Channel Frame)-MTA-W6TA, Diesels..... 15.00			Series H-M	5.50
	300 Utility-350 Utility, Non-Diesels..... 14.50		☆		
	350 Diesel Utility..... 15.50		H8s—Driven Plate Only—Reline (When Plate Is Out)		
	Series 300-350-400-450-W400-W450, Non-Diesels... 15.00			All Models	1.50
	350 Diesel	16.00	☆		
	Series 400-450-W400-W450, Diesels..... 16.50		H9—CLUTCH—OVERHAUL, INCLUDES PILOT AND RE-LEASE BEARING, COVER ASSEMBLY, RELINING PLATE AND RESETTING OF RELEASE LEVERS		
	On Series H, includes R&R starter. On F12-F14-F20-F30, applies to cover screwed to the rear face of bell housing and containing clutch shaft bearing.			Series A-B-C-4-40-100-130-200-230 (No Hydraulic Lift).....	20.00
H6—CLUTCH (TORQUE TUBE) HOUSING—DETACH (SPLIT) FROM THE TRANSMISSION AND RECONNECT				Series A-C-100-130-200-230 (With Hydraulic Lift)....	22.00
	Series A-B-C-Cub-100-130-200-230	7.00		Series 6 (Cast Iron Frame).....	20.00
	Series H-M (No Power Lift).....	7.00		Series 6, Non-Diesel (Channel Frame).....	22.50
	Series H-M (With Power Lift).....	9.50		Series 6, Diesels (Channel Frame).....	24.00
	Series MTA	11.00		Cub (Without Hydraulic Lift)-F20-F30.....	16.50
	Series W6TA-6 (Channel Frame).....	13.00		Cub (With Hydraulic Lift).....	18.50
	300 Utility-350 Utility.....	9.00		F12-F14	17.50
	Series 300-350-400-450	12.00		FW12-FW14-W12-W14	25.50
	Series W400-W450	14.00		Series M, Non-Diesels (12-Inch Clutch).....	20.50
	On late series 400, W400, 450 and W450 with 21½ gallon fuel tank, add \$6.00 if tractor is equipped with belt pulley.			Series M, Diesels (12-Inch Clutch).....	22.00
☆				Other Series H-M (With Power Lift).....	15.50
H7—DRIVEN (LINED) PLATE ASSEMBLY—RENEW				Other Series H-M (No Power Lift).....	12.50
	1020-W30-Series A-B-C-4.....			Series 9-600-650	24.00
	100-130-200-230 (No Hydraulic Lift).....	13.50		1020-W30	21.00
	Series A-C-100-130-200-230 (With Hydraulic Lift)....	15.50		Series MTA, Non-Diesel (Engine Clutch).....	22.50
	Series 6 (Cast Iron Frame).....	13.50		Series MTA, Diesel (Engine Clutch).....	24.00
	Series 6 (Channel Frame).....	8.50		Series W6TA, Non-Diesel (Engine Clutch).....	24.50
	Cub (Without Hydraulic Lift).....	10.00		Series W6TA, Diesel (Engine Clutch).....	26.00
	Cub (With Hydraulic Lift).....	12.00		300 Utility-350 Utility, Non-Diesel (Engine Clutch).. 23.50	
	F20-F30	8.50		350 Diesel Utility (Engine Clutch).....	24.50
	W40-WA40	14.00		350 Diesel (Engine Clutch).....	25.00
	F12-F14	11.00		Series 300-350-400-450, Non-Diesel (Engine Clutch).. 24.00	
	FW12-FW14-W12-W14	17.50		Series 400-450, Diesel (Engine Clutch).....	25.50
	Series H-M (With Power Lift).....	9.00		Series W400-W450, Non-Diesel (Engine Clutch).... 26.00	
	Series H-M (No Power Lift).....	6.00		Series W400-W450, Diesel (Engine Clutch).....	27.50
	Series 9-600-650	17.50		Series MTA, Non-Diesel (TA Clutch).....	28.00
	Series MTA-W6TA, Non-Diesel (Engine Clutch)..... 16.00			Series MTA, Diesel (TA Clutch).....	29.50
	Series MTA-W6TA, Diesel (Engine Clutch).....	17.50		Series W6TA, Non-Diesel (TA Clutch).....	30.00
	300 Utility-350 Utility, Non-Diesel (Engine Clutch).. 17.00			Series W6TA, Diesel (TA Clutch).....	31.50
	350 Diesel Utility (Engine Clutch).....	18.00		300 Utility-350 Utility, Non-Diesel (TA Clutch).... 30.00	
	350 Diesel (Engine Clutch).....	18.50		350 Diesel Utility (TA Clutch).....	31.00
	Series 300-350-400-450, Non-Diesel (Eng. Clutch)... 17.50			350 Diesel (TA Clutch).....	31.50
	Series 400-450, Diesel (Engine Clutch).....	19.00		Series 300-350-400-450, Non-Diesel (TA Clutch).... 30.50	
	Series W400-W450, Non-Diesel (Engine Clutch).... 17.50			Series 400-450, Diesel (TA Clutch).....	32.00
	Series W400-W450, Diesel (Engine Clutch).....	19.00		Series W400-W450, Non-Diesel (TA Clutch).....	32.50
	Series MTA, Non-Diesel (TA Clutch).....	22.00		Series W400-W450, Diesel (TA Clutch).....	34.00
	Series MTA, Diesel (TA Clutch).....	23.50		Refer to notes under H7. On TA clutch, price includes relining driven plate, overhauling clutch carrier and cover assembly and renewing release bearing only.	
	Series W6TA, Non-Diesel (TA Clutch).....	24.00	H9s—Same As H9 (When Clutch Pressure Plate Is Out)		
	Series W6TA, Diesel (TA Clutch).....	25.50		1020-W30-W40-WA40	7.50
	300 Utility-350 Utility, Non-Diesel (TA Clutch).... 24.00			W6TA-W400-W450 (Engine Clutch).....	8.50
	350 Diesel Utility (TA Clutch).....	25.00		Series MTA-300-350-300 Utility-350 Utility-	
	350 Diesel (TA Clutch).....	25.50		400-450 (Engine Clutch).....	6.50
	Series 300-350-400-450, Non-Diesel (TA Clutch).... 24.50			Other Models (Engine Clutch).....	6.50
	Series 400-450, Diesel (TA Clutch).....	26.00		All Models (TA Clutch).....	6.00
	Series W400-W450, Non-Diesel (TA Clutch)..... 26.50		☆		
	Series W400-W450, Diesel (TA Clutch).....	28.00	☆		
	On Series A-B-C-Cub-F12-F14-F20-F30-MTA-W6TA-100-130-200-230-300-350-300 Utility-350 Utility-400-450-W400-W450, includes H5. On FW12-FW14-W12-W14, includes B5. On Series H-M, done through opening in bottom of clutch housing. On Series 4-9-600-650-40-1020-W30-6 (Cast Iron Frame), done through opening in top of clutch housing.		☆		
	• See Also H10q, H24p •		☆		

INTERNATIONAL HARVESTER H9A to H22

FLAT RATE

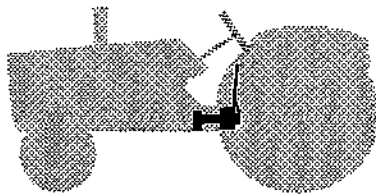
Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
H9A—ENGINE AND TA CLUTCH—OVERHAUL					
	Series MTA, Non-Diesel.....	37.00		Series M, Diesels (No Power Lift).....	24.00
	Series MTA, Diesel.....	38.50		Series M, Diesels (With Power Lift).....	27.00
	300 Utility-350 Utility-Series W6TA, Non-Diesel.....	39.00		Series MTA, Non-Diesels.....	43.50
	Series W6TA, Diesel-350 Diesel.....	40.50		Series MTA, Diesel.....	45.00
	350 Diesel Utility.....	40.00		Series W6TA, Non-Diesel.....	45.50
	Series 300-350-400-450, Non-Diesel.....	39.50		Series W6TA, Diesel.....	47.00
	Series 400-450, Diesel.....	41.00		On F12-F14-F20-F30, applies to housing which supports the clutch shaft bearing.	
	Series W400-W450, Non-Diesel.....	41.50		300 Utility-350 Utility, Non-Diesel, With TA.....	43.50
	Series W400-W450, Diesel.....	43.00		350 Diesel Utility, With TA.....	44.50
H10—ENGINE CLUTCH SHAFT—R&R				350 Diesel, With TA.....	46.00
	F20-F30-Series A-B-C-100-130-200-230.....	8.00		Series 300-350-400-450, Non-Diesel, With TA.....	45.00
	Cub-W40-WA40.....	10.50		Series 400-450, Diesel, With TA.....	46.50
	F12-F14.....	5.50		Series W400-W450, Non-Diesel, With TA.....	47.00
	FW12-FW14-W12-W14.....	18.00		Series W400-W450, Diesel, With TA.....	48.50
	Series H-M (With Power Lift).....	8.00		300 Utility-350 Utility, Non-Diesels, No TA,	
	Series H-M (No Power Lift).....	5.00		No Independent PTO.....	26.00
	Series 4-6 (Cast Iron Frame)-1020-W30.....	12.00		350 Diesel Utility, No TA, No Independent PTO....	27.00
	Series 6 (Channel Frame).....	7.00		350 Diesel, No TA, No Independent PTO.....	28.50
	Series 9-600-650.....	16.50		Series 300-350-400-450, Non-Diesel,	
	Series MTA, Non-Diesel.....	17.00		No TA, No Independent PTO.....	27.50
	Series MTA, Diesel.....	18.50		Series 400-450, Diesel, No TA, No Independent PTO	29.00
	Series W6TA, Non-Diesel.....	19.00		Series W400-W450, Non-Diesel,	
	Series W6TA, Diesel.....	20.50		No TA, No Independent PTO.....	29.50
	300 Utility-350 Utility, Non-Diesel, With TA.....	18.00		Series W400-W450, Diesel,	
	350 Diesel Utility, With TA.....	19.00		No TA, No Independent PTO.....	31.00
	350 Diesel, With TA.....	19.50		300 Utility-350 Utility, Non-Diesel, No TA,	
	Series 300-350-400-450, Non-Diesel, With TA.....	18.50		With Independent PTO.....	32.00
	Series 400-450, Diesel, With TA.....	20.00		350 Diesel, No TA, With Independent PTO.....	33.00
	Series W400-W450, Non-Diesel, With TA.....	20.50		350 Diesel, No TA, With Independent PTO.....	34.50
	Series W400-W450, Diesel, With TA.....	22.00		Series 300-350-400-450, Non-Diesel,	
	300 Utility-350 Utility, Non-Diesel, No TA.....	15.50		No TA, With Independent PTO.....	33.50
	350 Diesel Utility, No TA.....	16.50		Series 400-450, Diesel, No TA, With Indep. PTO....	35.00
	350 Diesel, No TA.....	17.00		Series W400-W450, Non-Diesel, No TA,	
	Series 300-350-400-450, Non-Diesel, No TA.....	16.00		With Independent PTO.....	35.50
	Series 400-450, Diesel, No TA.....	17.50		Series W400-W450, Diesel, No TA, With Indep. PTO	37.00
	Series W400-W450, Non-Diesel, No TA.....	16.00		H11B—CLUTCH HOUSING COVER—R&R	
	Series W400-W450, Diesel, No TA.....	17.50		FW12-FW14-W12-W14.....	15.50
	Applies to shaft splined to driven plate only. On Cub listed in catalog as transmission spline and clutch shaft and includes K2 and K30. On FW12-FW14-W12-W14, listed in catalog as drive bevel pinion and shaft.			Series 6 (Channel Frame)-H-M.....	1.00
				Series 4-6 (Cast Iron Frame).....	6.00
				Series 9-600-650.....	8.00
				On FW12-FW14-W12-W14, applies to steering gear. On Series H-M, refer to W35 if equipped with power lift.	
H10p—Same As H10 (When Clutch Is Being Overhauled)			H11B—CLUTCH HOUSING COVER—R&R		
	Series MTA-W6TA.....	1.50		FW12-FW14-W12-W14.....	15.50
	Series 300-350-300 Utility-350 Utility-400-450-W400-W450, With TA.....	1.50		Series 6 (Channel Frame)-H-M.....	1.00
	Series 300-350-300 Utility-350 Utility-400-450-W400-W450, No TA.....	1.00		Series 4-6 (Cast Iron Frame).....	6.00
H10q—Same As H10 (When Clutch Is Out)				Series 9-600-650.....	8.00
	Series MTA.....	3.00		On FW12-FW14-W12-W14, applies to steering gear. On Series H-M, refer to W35 if equipped with power lift.	
	Series W6TA.....	5.00		H22—FLYWHEEL AND RING GEAR ASSEMBLY—RENEW	
	Series 300-350-300 Utility-350 Utility-400-450, With TA.....	3.00		Series A-C-100-130-200-230 (With Hydraulic Lift).....	17.00
	Series W400-W450, With TA.....	5.00		Series A-B-C-100-130-200-230 (Without Hyd. Lift)...	15.00
	Series 300-350-300 Utility-350 Utility-400-450-W400-W450, No TA.....	1.00		Cub (Without Hydraulic Lift).....	11.50
H10Dp—Engine Clutch Oil Seal (Located In IPTO Drive Shaft Front Bearing Cage)—Renew (When Clutch Lined Plate Is Out)				Cub (With Hydraulic Lift).....	13.50
	Series MTA-300-350-300 Utility-350 Utility-400-450...	4.00		F12-F14.....	12.50
	Series W6TA-W400-W450.....	6.00		FW12-FW14-W12-W14.....	17.50
H11—CLUTCH HOUSING—RENEW				Series H-M, Non-Diesels.....	14.50
	Series A-B-C-100-130-200 (No Hydraulic Lift).....	21.50		Series M, Diesels.....	16.00
	Series A-C-100-130-200 (With Hydraulic Lift).....	24.50		Series 4.....	16.50
	Series 230 (No Hydraulic Lift).....	21.50		Series 6, Non-Diesels.....	16.50
	Series 230 (With Hydraulic Lift).....	25.50		Series 6, Diesels.....	18.00
	Cub (Torque Tube) (Without Hydraulic Lift).....	18.00		Series 9-600-650-W40-WA40.....	22.50
	Cub (Torque Tube) (With Hydraulic Lift).....	21.00		F20-1020-W30.....	27.50
	Series 6, Non-Diesel (Channel Frame).....	28.00		F30.....	28.50
	Series 6, Diesel (Channel Frame).....	29.50		Series MTA-W6TA, Non-Diesels.....	17.50
	F12-F14.....	10.50		Series MTA-W6TA, Diesels.....	19.00
	F20-F30.....	8.00		300 Utility-350 Utility, Non-Diesels.....	18.50
	Series H-M, Non-Diesels (With Power Lift).....	25.50		350 Diesel Utility.....	19.50
	Series H-M, Non-Diesels (No Power Lift).....	22.50		350 Diesel.....	20.00
				Series 300-350-400-450, Non-Diesels.....	19.00
				Series 400-450, Diesels.....	20.50
				Series W400-W450, Non-Diesels.....	19.00
				Series W400-W450, Diesels.....	20.50
				On Cub-Series A-B-C-H-M-MTA-W6TA-100-130-200-230-300 Utility-350 Utility-5 (Channel Frame)-300-350-400-450-W400-W450, includes H5. On F12-F14, done by R&R of clutch housing and universal joint. On Series 9-600-650, done by R&R clutch housing cover. On other models listed above includes B5. On F20-1020-F30-W30, includes removal of flywheel retaining pin and reaming wheel and shaft for correct reinstallation of pin.	

... H11 Continued in Next Column.

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
★					
H24	FLYWHEEL RING GEAR—RENEW		H24p	—Same As H24 (When Clutch Pressure Plate Is Out)	
	Series A-C-100-130-200-230 (With Hydraulic Lift)....	19.50		Series A-B-C-Cub-Super M-100-130-200-230.....	4.00
	Series A-B-C-100-130-200-230 (Without Hydraulic Lift)	17.50		Other Series H-M, Non-Diesels.....	15.50
	Cub (Without Hydraulic Lift).....	14.00		Other Series M, Diesels.....	17.00
	Cub (With Hydraulic Lift).....	16.00		Series 4.....	17.50
	Series H-M, Non-Diesels.....	17.00		Series 6, Non-Diesels (Cast Iron Frame).....	17.50
	Series M, Diesels.....	18.50		Series 6, Diesels (Cast Iron Frame).....	19.00
	Series 4.....	19.00		Series 6 (Channel Frame).....	4.00
	Series 6, Non-Diesels.....	19.00		Series 9-600-650.....	8.00
	Series 6, Diesels.....	20.50		Series MTA-W6TA-300-300 Utility-400-W400.....	4.00
	Series 9-600-650.....	25.50		Series 350-350 Utility-450-W450.....	4.00
	Series MTA-W6TA, Non-Diesels.....	20.00		Refer to notes under H22.	
	Series MTA-W6TA, Diesels.....	21.50	H24q	—Same As H24 (When Flywheel Is Out)	
	300 Utility-350 Utility, Non-Diesels.....	21.00		Series 9-600-650.....	3.00
	350 Diesel Utility.....	22.00		Other Models.....	2.50
	350 Diesel.....	22.50	H25	BELL (FLYWHEEL) HOUSING—RENEW	
	Series 300-350-400-450, Non-Diesels.....	21.50		F12-F14.....	15.00
	Series 400-450, Diesels.....	23.00		FW12-FW14-W12-W14.....	21.00
	Series W400-W450, Non-Diesels.....	21.50		F20-1020-W30.....	29.50
	Series W400-W450, Diesels.....	23.00		F30.....	30.50
	Refer to notes under H22.			W40-WA40.....	24.50
	• See Also H10q •			On F12-F14, includes blocking up engine. On all models except F12-F14, includes B5.	

TORQUE AMPLIFIER (MAIN PLANETARY UNIT)

All series designations include Diesels and non-Diesels unless otherwise noted.



J1	LINKAGE FOR TA CLUTCH—ADJUST	
	Series MTA-300-350-300 Utility-350 Utility-400-450 (Engine and TA Clutch).....	2.00
	Series W6TA-W400-W450 (Engine and TA Clutch).....	4.00
J3	RELEASE BEARING FOR TA CLUTCH—RENEW	
	Series MTA, Non-Diesel.....	Same As H3 20.50
	Series MTA, Diesel.....	Same As H3 22.00
	Series W6TA, Non-Diesel.....	Same As H3 22.50
	350 Diesel-Series W6TA, Diesel.....	Same As H3 24.00
	300 Utility-350 Utility, Non-Diesel.....	Same As H3 22.50
	350 Diesel Utility.....	Same As H3 23.50
	Series 300-350-400-450, Non-Diesel.....	Same As H3 23.00
	Series 400-450, Diesel.....	Same As H3 24.50
	Series W400-W450, Non-Diesel.....	Same As H3 25.00
	Series W400-W450, Diesel.....	Same As H3 26.50
J3p	—Same As J3 (When Clutch Housing Is Detached From Engine)	
	Series MTA.....	Same As H3p 7.00
	Series W6TA.....	Same As H3p 9.00
	Series 300-350-300 Utility-350 Utility-400-450.....	Same As H3p 8.00
	Series W400-W450.....	Same As H3p 10.00
★		
J7	DRIVEN (LINED) PLATE ASSEMBLY FOR TA CLUTCH—RENEW	
	Series MTA, Non-Diesel.....	Same As H7 22.00
	Series MTA, Diesel.....	Same As H7 23.50
	Series W6TA, Non-Diesel.....	Same As H7 24.00
	... J7 Continued in Next Column.	

	350 Diesel-Series W6TA, Diesel.....	Same As H7 25.50
	300 Utility-350 Utility, Non-Diesel.....	Same As H7 24.00
	350 Diesel Utility.....	Same As H7 25.00
	Series 300-350-400-450, Non-Diesel.....	Same As H7 24.50
	Series 400-450, Diesel.....	Same As H7 26.00
	Series W400-W450, Non-Diesel.....	Same As H7 26.50
	Series W400-W450, Diesel.....	Same As H7 28.00
J7p	—Same As J7 (When Clutch Housing Is Detached (Split) From Engine)	
	Series MTA.....	Same As H7p 8.50
	Series W6TA.....	Same As H7p 10.50
	Series 300-350-300 Utility-350 Utility-400-450.....	Same As H7p 9.50
	Series W400-W450.....	Same As H7p 11.50
★		
J8s	Driven Plate For TA Clutch—Reline (When Plate Is Out)	
	All Models Where Lining Is Available.....	Same As H8s 1.50
★		
J9	CLUTCH FOR TA UNIT—OVERHAUL, INCLUDES: RELEASE BEARING, COVER ASSEMBLY, RELINING PLATE AND RESETTNG OF RELEASE LEVERS	
	Series MTA, Non-Diesel.....	Same As H9 28.00
	Series MTA, Diesel.....	Same As H9 29.50
	Series W6TA, Non-Diesel.....	Same As H9 30.00
	350 Diesel-Series W6TA, Diesel.....	Same As H9 31.50
	300 Utility-350 Utility, Non-Diesel.....	Same As H9 30.00
	350 Diesel Utility.....	Same As H9 31.00
	Series 300-350-400-450, Non-Diesel.....	Same As H9 30.50
	Series 400-450, Diesel.....	Same As H9 32.00
	Series W400-W450, Non-Diesel.....	Same As H9 32.50
	Series W400-W450, Diesel.....	Same As H9 34.00
J9s	—Same As J9 (When Clutch Cover Assembly Is Out)	
	All Models.....	Same As H9s 6.00
J10Dp	Oil Seals For TA Clutch—Renew (When Lined Plate Is Out)	
	All Models (PTO Drive Shaft Rear Oil Seal).....	1.00
	Series MTA-W6TA (Seal Located in Planet Carrier).....	16.50
	Series MTA-W6TA (Seal For Planet Carrier, Located in Clutch Housing).....	15.50
	Series MTA-W6TA (All Seals).....	18.00
	... J10Dp Continued in Next Column.	

INTERNATIONAL HARVESTER J22 to K2

FLAT RATE

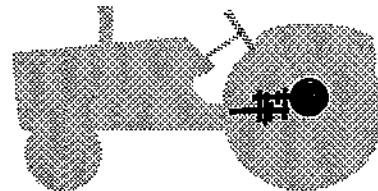
Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
300 Utility-350 Utility (Seal Located In Planet Carrier).....		14.50	J28—SECONDARY SUN GEAR AND INTEGRAL TRANSMISSION DRIVE (INPUT) SHAFT—RENEW		
Series 300-350-400-450-W400-W450 (Seal Located In Planet Carrier).....		17.50	Series MTA, Non-Diesel.....	42.00	
300 Utility-350 Utility (Seal For Planet Carrier, Located In Clutch Housing).....		13.50	Series MTA, Diesel.....	43.50	
Series 300-350-400-450-W400-W450 (Seal For Planet Carrier, Located In Clutch Housing).....		16.50	Series W6TA, Non-Diesel.....	44.00	
300 Utility-350 Utility (All Seals).....		16.00	Series W6TA, Diesel.....	45.50	
Series 300-350-400-450-W400-W450 (All Seals).....		19.00	300 Utility-350 Utility, Non-Diesel.....	42.00	
J22—CARRIER FOR TA CLUTCH—RENEW			350 Diesel Utility.....	43.00	
Series MTA, Non-Diesel.....		24.00	350 Diesel.....	44.50	
Series MTA, Diesel.....		25.50	Series 300-350-400-450, Non-Diesel.....	43.50	
Series W6TA, Diesel-350 Diesel.....		27.50	Series 400-450, Diesel.....	45.00	
300 Utility-350 Utility-Series W6TA, Non-Diesel.....		26.00	Series W400-W450, Non-Diesel.....	45.50	
350 Diesel Utility.....		27.00	Series W400-W450, Diesel.....	47.00	
Series 300-350-400-450, Non-Diesel.....		26.50	J28p—Same As J28 (When Transmission Is Being Overhauled)		
Series 400-450, Diesel.....		28.00	Series MTA-W6TA, Non-Diesel.....	31.00	
Series W400-W450, Non-Diesel.....		28.50	Series MTA-W6TA, Diesel.....	32.50	
Series W400-W450, Diesel.....		30.00	300 Utility-350 Utility, Non-Diesel.....	33.00	
J22p—Same As J22 (When TA Clutch Is Out)			350 Diesel Utility.....	34.00	
All Models.....		2.00	350 Diesel.....	32.50	
★			Series 300-350-400-450-W400-W450, Non-Diesel.....	31.50	
J27—SPRINGS, ROLLERS AND RAMP FOR TA UNIT OVER-RUNNING CLUTCH—RENEW			Series 400-450-W400-W450, Diesel.....	33.00	
300 Utility-350 Utility-Series MTA, Non-Diesel.....		42.00	J31—GEAR UNIT — OVERHAUL AND RENEW SPRING LOADED CLUTCH LINED PLATE (Does Not Include Overhaul of TA Clutch Cover Unit)		
Series MTA, Diesel.....		43.50	Series MTA, Non-Diesel.....	52.00	
Series W6TA, Non-Diesel.....		44.00	Series MTA, Diesel.....	53.50	
Series W6TA, Diesel.....		45.50	Series W6TA, Non-Diesel.....	54.00	
350 Diesel Utility.....		43.00	Series W6TA, Diesel.....	55.50	
350 Diesel.....		44.50	300 Utility-350 Utility, Non-Diesel.....	51.00	
Series 300-350-400-450, Non-Diesel.....		43.50	350 Diesel Utility.....	52.00	
Series 400-450, Diesel.....		45.00	350 Diesel.....	53.50	
Series W400-W450, Non-Diesel.....		45.50	Series 300-350-400-450, Non-Diesel.....	52.50	
Series W400-W450, Diesel.....		47.00	Series 400-450, Diesel.....	54.00	
J27p—Same As J27 (When Clutch Housing Is Detached (Split) From Engine)			Series W400-W450, Non-Diesel.....	54.50	
Series MTA-300-350-400-450.....		28.50	Series W400-W450, Diesel.....	56.00	
Series W6TA-W400-W450.....		30.50	J31p—Same As J31 (When Clutch Housing Is Detached From Transmission)		
300 Utility-350 Utility.....		27.50	Series MTA-W6TA, Non-Diesel.....	41.00	
J27q—Same As J27 (When Clutch Housing Is Detached (Split) From Transmission)			Series MTA-W6TA, Diesel.....	42.50	
Series MTA-W6TA, Non-Diesel.....		31.00	300 Utility-350 Utility.....	42.00	
Series MTA-W6TA, Diesel-350 Diesel.....		32.50	Series 300-350-400-450-W400-W450, Non-Diesel.....	40.50	
300 Utility-350 Utility, Non-Diesel.....		33.00	Series 400-450-W400-W450, Diesel.....	42.00	
350 Diesel Utility.....		34.00	J31q—Same As J31 (When Clutch Housing Is Removed From Tractor)		
Series 300-350-400-450-W400-W450, Non-Diesel.....		31.50	All Models.....	27.50	
Series 400-450-W400-W450, Diesel.....		33.00	J33r—Cover Assembly For TA Clutch—Overhaul (In Conjunction With Overhaul of the TA Gear Unit)		
J27r—Same As J27 (When TA Spring Loaded Clutch Is Being Overhauled)			All Models.....	2.50	
Series MTA-W6TA.....		18.00			
300 Utility-350 Utility.....		16.00			
Series 300-350-400-450-W400-W450.....		17.00			

TRANSMISSION AND DIFFERENTIAL

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.

Where work requires R&R rear wheel and tire unit add additional allowances from rear wheel section (R Group) if wheels are weighted. On Orchard Models, where work requires R&R fender or fenders, charge for same on time basis.

Job Number	DESCRIPTION	Suggested Price
★		
K1—TRANSMISSION—DRAIN, FLUSH AND INSPECT		
Series A-B-100-130.....		4.00
Cub.....		3.50
F12-F14-FW12-FW14-W12-W14-F20-1020.....		7.50
Series C-8-200-230-600-650.....		12.00
Series H-M-4-6.....		14.50
F30-W30-W40-WA40.....		8.00
300 Utility-350 Utility.....		10.00
Series 300-350-400-450-W400-W450.....		17.00
Series MTA-W6TA.....		16.00
On Series 9-600-650, includes A54. On 1020-W30, ... K1 Continued in Next Column.		



includes R&R steering post.
On late series 400, W400, 450 and W450, read and apply note under operation K2.

Job Number	DESCRIPTION	Suggested Price
K2—TOP COVER GASKET—RENEW		
Series A-B-100-130.....		1.50
Cub.....		1.00
F12-F14-FW12-FW14-W12-W14.....		4.50
Series C-200-230.....		9.50
... K2 Continued in Next Column.		

FLAT RATE

INTERNATIONAL HARVESTER K2A to K12

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
Series H-M-4-6		12.00	K9—TRANSMISSION HOUSING — DETACH FROM ONE FINAL DRIVE UNIT AND RECONNECT		
Series 9-600-650		8.50	Series A-B-100-130 (Same As K70)	6.00	
F20-1020		3.00	Cub (Same As K70)	5.50	
F30-W30-W40-WA40		4.00	Series C-4-6-W6TA-12-14-1020		
Series MTA-W6TA		13.50	W30-W40-200-230-W400-W450 (Refer to K67B)		
300 Utility-350 Utility		7.50	F20-F30-Series HV-MV-MTAV-		
Series 300-350-400-450-W400-W450		14.50	300HC-350HC-400HC-450HC (Refer to K70)		
On late series 400, W400, 450 and W450 with 21½ gallon fuel tank, add \$6.00 if tractor is equipped with belt pulley.			Other Series H-M-MTA-300-350-400-450-300 Utility-350 Utility (Refer to K67B)		
K2A—TOP COVER GASKETS, BOTH—RENEW			K9A—SAME AS K9 FOR BOTH SIDES		
1020		9.00	Series A-B-Cub-100-130 (Same As K70A)		
W30-W40-WA40		10.50	Series C-4-6-W6TA-12-14-200-230-W400-W450 (Refer to K67BA)		
K2C—REAR END PLATE GASKET—RENEW			F20-F30-Series HV-MV-MTAV-		
Series A-B-C-100-130-200-230 (With Belt Pulley and P.T.O.)		2.50	300HC-350HC-400HC-450HC (Refer to 70A)		
Series A-B-C-Cub-100-130-200-230 (Without Belt Pulley and P.T.O.)		1.50	Other Series H-M-MTA-300-350-400-450-300 Utility-350 Utility (Refer to K67BA)		
Cub-F20-F30 (With B.P. & P.T.O.) Series H-M-4-6		2.00	K10—TRANSMISSION SHAFT UNITS, ALL — R&R AND INSPECT WITHOUT DISMANTLING THE REMOVED SHAFTS		
Series MTA-W6TA-300-300 Utility-400		2.00	Series A-B-100-130	29.50	
Series 350-350 Utility-450		2.00	Cub	25.00	
K4—TRANSMISSION ASSEMBLY—R&R			F12-F14	49.00	
Series A-B-100-130		17.50	FW12-FW14-W12-W14	64.50	
Cub		16.00	F30	23.00	
1020-W30		18.50	F20	18.00	
W40-WA40		20.50	1020	39.00	
★			W30-Series C-200-230	40.50	
K5—TRANSMISSION GEAR SHIFT CONTROL COVER ASSEMBLY—OVERHAUL			W40-WA40	42.00	
Series A-B-100-130		3.50	Series H-M, With Power Lift (Band Brakes)	37.50	
Cub		2.00	Series H-M, With Power Lift (Disc Brakes)	33.50	
F12-F14-FW12-FW14-W12-W14		6.00	Series H-M, No Power Lift (Band Brakes)	34.50	
Series C-200-230		12.50	Series H-M, No Power Lift (Disc Brakes)	30.50	
Series H-M-4-6		15.00	Series 4-6 (Band Brakes)	38.00	
Series 9-600-650		13.00	Series 4-6 (Disc Brakes)	34.00	
F20		5.50	Series MTA	24.50	
F30		6.50	Series W6TA	26.50	
Series MTA-W6TA		16.50	Series 9-600-650	31.50	
300 Utility-350 Utility		10.50	300 Utility-350 Utility	22.50	
Series 300-350-400-450-W400-W450		17.50	Series 300-350-400-450	25.50	
On late series 400, W400, 450 and W450, read and apply note under operation K2.			Series W400-W450	27.50	
K5p—Same As K5 (When Cover Is Off)			On models with torque amplifier, does not include R&R of transmission input shaft.		
Series A-B-100-130		2.00	On late series 400, W400, 450 and W450, read and apply note under operation K2.		
Cub		1.00	K11—MAINSHAFT PILOT BEARING—RENEW		
F12-F14-FW12-FW14-W12-W14		1.50	Series H-M (With Power Lift)	11.00	
Series C-H-M-4-6-MTA-W6TA-200-230		3.00	Series H-M (No Power Lift)	8.00	
Series 9-600-650		4.50	Series 4-6 (Cast Iron Frame)	15.00	
F20-F30		2.50	Series 6 (Channel Frame)	10.00	
Series 300-300 Utility-400-W400		3.00	Series 9-600-650	19.00	
Series 350-350 Utility-450-W450		3.00	Series MTA	15.00	
★			Series W6TA	17.00	
K6—SHIFTER RAILS AND FORKS IN CASE, ALL—OVERHAUL			300 Utility-350 Utility	13.00	
Cub		9.50	Series 300-350-400-450	16.00	
F12-F14-FW12-FW14-W12-W14		8.00	Series W400-W450	18.00	
W30-1020		21.50	Includes flush transmission, but not K2.		
W40-WA40		23.50	K12—INPUT SHAFT OIL SEAL—RENEW		
On Cub, includes H6. On 1020-W30-W40-WA40 includes K4.			Series A-B-C-Cub-100-130-200-230	8.00	
K7—TRANSMISSION — DETACH (SPLIT) FROM CLUTCH HOUSING (TORQUE TUBE) AND RECONNECT			F12-F14	3.50	
Series A-B-C-Cub-H-M-MTA-W6TA-100-130-200-230-300-350-400-450-W400-W450-			FW12-FW14-W12-W14	18.50	
300 Utility-350 Utility		Same As H6	F20-F30	2.00	
K8—TRANSMISSION ASSEMBLY, — DETACH FROM MAIN FRAME OR ENGINE AND RECONNECT			Series H-M (With Power Lift)	11.00	
Series 4-6		10.50	Series 4-6 (Cast Iron Frame)	15.00	
Series 9-600-650		18.00	Series H-M (No Power Lift)	8.00	
1020-W30-W40-WA40 (Refer to K4)			Series 6 (Channel Frame)	10.00	
			Series 9-600-650	19.00	
			On Series A-B-C-Cub-100-130-200-230, includes H6.		
			On FW12-FW14-W12-W14, includes B5.		

FLAT RATE

INTERNATIONAL HARVESTER K18p to K23

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
300 Utility-350 Utility, Non-Diesel		86.50	F20-F30		23.50
350 Diesel Utility		87.50	1020 (Includes K67BA)		44.00
350 Diesel		89.00	Series 9		29.50
Series 400-450, Diesel		89.50	W30-W40-WA40		41.50
Series 300-350-400-450, Non-Diesel		88.00	Series MTA		38.00
Series W400-W450, Non-Diesel		90.00	Series W6TA		43.00
Series W400-W450, Diesel		91.50	300 Utility-350 Utility		32.00
On late series 400, W400, 450 and W450, read and apply note under operation K19.			Series 300-350-400-450		39.00
			Series W400-W450		44.00
			Series 600-650		35.00
					* See Also K84A *
<p>★ K18p—Differential Unit — Overhaul (In Conjunction With Overhaul of The Transmission Assembly)</p>			<p>K21—DIFFERENTIAL UNIT—R&R</p>		
Series A-B-Cub-100-130		11.50	Series A-B-100-130		16.50
Series C-200-230		8.00	Cub		15.50
Series H-M		16.00	Series C-12-14-200-230		28.50
Series 9-600-650		7.50	Series H-M		31.00
F20-F30		20.50	Series 4-6		36.00
1020		26.00	1020-W30-W40-WA40		20.00
W30-W40-WA40		24.00	F20-F30		18.50
Series 4-6		21.00	Series 9		23.00
Series MTA-300-350-300 Utility-350 Utility-400-450		16.00	Series MTA		32.50
Series W6TA-W400-W450		21.00	Series W6TA		37.50
			300 Utility-350 Utility		26.50
			Series 300-350-400-450		33.50
			Series W400-W450		38.50
			Series 600-650		28.50
			On all models, includes adjust backlash. On 1020-W30-W40-WA40, includes R&R axle shaft and carrier unit.		
<p>★ K19—TRANSMISSION HOUSING OR REAR FRAME UNIT—RENEW AND OVERHAUL TRANSMISSION</p>			<p>★ K22—DIFFERENTIAL UNIT—OVERHAUL</p>		
Series A-B-100-130		46.00	Series A-B-100-130		28.00
Cub		41.50	Cub		27.00
F12-F14		68.00	Series C-H-M-200-230		36.50
FW12-FW14-W12-W14		83.50	F12-F14-FW12-FW14-W12-W14		34.50
F20		47.50	Series 4-6		41.50
F30		52.50	W30-W40-WA40-Series 9		29.50
1020 (Transmission Case)		51.00	F20-F30		22.50
W30 (Transmission Case)		53.50	1020		32.00
W40-WA40 (Transmission Case)		55.00	Series MTA		38.00
1020-W30-W40-WA40 (Main Frame)		60.00	Series W6TA		43.00
Series H-M, With Power Lift (Band Brakes)		85.00	300 Utility-350 Utility		32.00
Series H-M, No Power Lift (Band Brakes)		81.00	Series 300-350-400-450		39.00
Series H-M, With Power Lift (Disc Brakes)		80.00	Series W400-W450		44.00
Series H-M, No Power Lift (Disc Brakes)		77.00	Series 600-650		35.00
Series 4-6 (Band Brakes)		89.50			* See Also K18p, K20, K23, K25, K85A *
Series 4-6 (Disc Brakes)		85.50			
Series 9		79.50			
Series MTA (Not Including Input Shaft)		59.00			
Series W6TA (Not Including Input Shaft)		66.00			
Series MTA, Non-Diesel (Including Input Shaft)		90.00			
Series MTA, Diesel (Including Input Shaft)		91.50			
Series W6TA, Non-Diesel (Including Input Shaft)		99.00			
Series W6TA, Diesel (Including Input Shaft)		100.50			
300 Utility-350 Utility (Not Including Input Shaft)		57.00			
Series 300-350-400-450 (Not Including Input Shaft)		60.00			
Series W400-W450 (Not Including Input Shaft)		67.00			
300 Utility-350 Utility, Non-Diesel, With TA (Including Input Shaft)		90.00			
350 Diesel Utility, With TA (Including Input Shaft)		91.00			
350 Diesel, With TA (Including Input Shaft)		92.50			
Series 300-350-400-450, Non-Diesel, With TA (Including Input Shaft)		91.50			
Series 400-450, Diesel, With TA (Incl. Input Shaft)		93.00			
Series W400-W450, Non-Diesel, With TA (Including Input Shaft)		98.50			
Series W400-W450, Diesel, With TA (Including Input Shaft)		100.00			
300 Utility-350 Utility, No TA (Including Input Shaft)		60.00			
Series 300-350-400-450, No TA (Incl. Input Shaft)		63.00			
Series W400-W450, No TA (Including Input Shaft)		70.00			
Series 600-650		85.00			
On late series 400, W400, 450 and W450 with 2 1/2 gallon fuel tank, add \$6.00 if tractor is equipped with belt pulley.					
<p>K20—DIFFERENTIAL UNIT AND FINAL DRIVE PINIONS AND BEARINGS—OVERHAUL</p>			<p>★ K23—TRANSMISSION AND DIFFERENTIAL ASSEMBLIES—OVERHAUL</p>		
Series A-B-100-130		34.00	Series A-B-100-130		54.00
Cub		32.50	Series C-200-230		57.00
F12-F14-FW12-FW14-W12-W14		34.50	Cub		47.00
Series C-H-M-200-230		36.50	F12-F14-FW12-FW14-W12-W14 (Same As K25)		
Series 4-6		41.50	Series 9		77.50
			F20		46.00
			F30		51.00
			W30-1020		77.50
			W40-WA40		80.50
			Series H-M, With Power Lift (Band Brakes)		82.00
			Series H-M, No Power Lift (Band Brakes)		78.00
			Series H-M, With Power Lift (Disc Brakes)		77.00
			Series H-M, No Power Lift (Disc Brakes)		74.00
			Series 4-6 (Band Brakes)		86.50
			Series 4-6 (Disc Brakes)		82.50
			Series MTA (Not Including Input Shaft)		62.50
			Series W6TA (Not Including Input Shaft)		69.50
			Series MTA, Non-Diesel (Including Input Shaft)		93.50
			Series MTA, Diesel (Including Input Shaft)		95.00
			Series W6TA, Non-Diesel (Including Input Shaft)		102.50
			Series W6TA, Diesel (Including Input Shaft)		104.00
			300 Utility-350 Utility (Not Including Input Shaft)		60.50
			Series 300-350-400-450 (Not Including Input Shaft)		63.50
			Series W400-W450 (Not Including Input Shaft)		70.50
					K23 Continued in Next Column.

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price	
300 Utility-350 Utility, Non-Diesel, With TA (Including Input Shaft)		93.50	★ K24—TRANSMISSION AND MAIN DRIVE BEVEL PINION AND RING GEAR—OVERHAUL F12-F14-FW12-FW14-W12-W14 (Same As K17)	1020	61.00	
350 Diesel Utility, With TA (Incl. Input Shaft)		94.50		W30	63.50	
350 Diesel, With TA (Incl. Input Shaft)		96.00		W40-WA40	66.50	
Series 300-350-400-450, Non-Diesel, With TA (Including Input Shaft)		95.00		Other Models	Same As K23	
Series 400-450, Diesel, With TA (Incl. Input Shaft)		96.50		★ K25—TRANSMISSION, BEVEL DRIVE PINION AND RING GEAR AND DIFFERENTIAL—OVERHAUL	1020-W30	87.50
Series W400-W450, Non-Diesel, With TA (Including Input Shaft)		102.00			W40-WA40	90.50
Series W400-W450, Diesel, With TA (Including Input Shaft)		103.50			F12-F14	55.50
300 Utility-350 Utility, No TA (Incl. Input Shaft)		63.50			FW12-FW14-W12-W14	71.00
Series 300-350-400-450, No TA (Incl. Input Shaft)		66.50			Other Models	Same As K23
Series W400-W450, No TA (Including Input Shaft)		73.50				
Series 600-650		83.00				
On late series 400, W400, 450 and W450, read and apply note under operation K19.						

FINAL DRIVE AND AXLE

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.

Where work requires R&R rear wheel and tire unit, add additional allowances from rear wheel section (R Group) if wheels are weighted. On Orchard Models, where work requires R&R of fender or fenders, charge for same on time basis.

K60—REAR AXLE (BULL GEAR) HOUSING — DETACH FROM TRANSMISSION AND RECONNECT

Series 9	14.50
Series 600-650	20.00

K61D—COUNTERSHAFT HOUSING—RENEW

F20-F30	32.50
Includes R&R of differential assembly and adjust.	

K62—FINAL DRIVE (BULL) GEAR OR DRIVEN SPROCKET, ONE—RENEW

Series A-B-Cub-100-130	7.00
F12-F14-FW12-FW14-W12-W14-F20-F30	12.50
Series C-200-230	14.50
Series H-HV-M-MV (Gear)	17.50
Series HV-MV-MTAV-300HC-400HC-350HC-450HC (Sprockets)	10.00
Series 4-6	19.50
Series 9	22.00
1020-W30-W40-WA40	24.50
Series MTA-MTAV (Gear)	19.00
Series W6TA	21.00
300 Utility-350 Utility	13.00
Series 300-350-400-450 (Gear)	20.00
Series W400-W450	22.00
Series 600-650	27.50

K62A—SAME AS K62 FOR BOTH SIDES

Series A-B-Cub-100-130	14.00
F12-F14-FW12-FW14-W12-W14	20.50
Series C-200-230	18.50
Series H-HV-M-MV (Gears)	21.50
Series HV-MV-MTAV-300HC-400HC-350HC-450HC (Sprockets)	20.00
Series 4-6-9	26.50
F20-F30	25.00
Series MTA-MTAV (Gears)	23.00
Series W6TA	28.00
300 Utility-350 Utility	16.50
Series 300-350-400-450 (Gears)	24.00
Series W400-W450	29.00
Series 600-650	32.00

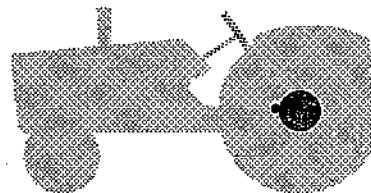
• See Also K82, K84A, K85A •

K62q—Same As K62 (When Rear Axle Housing Is Detached From Transmission)

Series 9-600-650	7.50
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K62qa—Same As K62A (When Rear Axle Housing Is Off)

Series 9-600-650	12.00
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K63—BEARINGS, FOR ONE WHEEL AXLE SHAFT—ADJUST

1020-W30-W40-WA40	4.50
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K63A—BEARINGS, FOR BOTH WHEEL AXLE SHAFTS—ADJUST

1020-W30-W40-WA40	8.50
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K64—OUTER BEARING AND OIL SEAL, ONE WHEEL AXLE SHAFT—RENEW

Series A-B-Cub-100-130	8.50
F12-F14-FW12-FW14-W12-W14	14.00
Series C-200-230	16.00
F20-Series HV-MV-MTAV-300HC-400HC	11.50
Other Series H-M	19.00
Series 4-6	21.50
Series 9	23.50
F30	12.50
1020-W30-W40-WA40	7.50
Other Series MTA	20.50
Series W6TA	23.00
Series 350HC-450HC	11.50
300 Utility-350 Utility	14.50
Other Series 300-350-400-450	21.50
Series W400-W450	24.00
Series 600-650	29.00
On F20, includes outer race. If race is not renewed, charge \$9.50.	

K65—INNER BEARING, ONE WHEEL AXLE SHAFT—RENEW

Series A-B-Cub-100-130	7.50
F12-F14-FW12-FW14-W12-W14	13.50
Series C-200-230	16.50
Series HV-MV-MTAV-300HC-400HC	10.50
Other Series H-M	19.50
Series 4-6	21.00
Series 9	22.50
F20	11.50
F30	5.50
W30-W40-WA40-1020 After KC69613	7.00
Other Series MTA	21.00
Series W6TA	24.00
Series 350HC-450HC	10.50
300 Utility-350 Utility	15.00
Other Series 300-350-400-450	22.00
Series W400-W450	25.00
Series 600-650	28.00

FLAT RATE

INTERNATIONAL HARVESTER K66 to K71

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
★					
K66—ALL BEARINGS FOR ONE WHEEL AXLE SHAFT, OR ONE AXLE SHAFT—RENEW AND ADJUST					
	Bearings				
Series A-B-Cub-100-130		9.00			
F12-F14-FW12-FW14-W12-W14		14.50			
Series C-200-230		18.50			
Series HV-MV-MTAV-300HC-400HC		11.50			
Other Series H-M		19.50			
Series 4-6		21.50			
Series 9		23.50			
F20		15.00			
1020-W30-W40-WA40		9.00			
F30		13.50			
Other Series MTA		21.00			
Series W6TA		24.50			
Series 350HC-450HC		11.50			
300 Utility-350 Utility		15.00			
Other Series 300-350-400-450		22.00			
Series W400-W450		25.50			
Series 600-650		29.00			
	Shaft				
1020-W30-Series A-B-Cub-100-130		6.50			
F12-F14-FW12-FW14-W12-W14		14.00			
Series C-200-230		16.50			
Series HV-MV-MTAV-300HC-400HC		11.50			
Other Series H-M		19.50			
Series 4-6		21.50			
Series 9		23.50			
F20		9.50			
F30-W40-WA40		5.50			
Other Series MTA		21.00			
Series W6TA		24.50			
300 Utility-350 Utility		15.00			
Other Series 300-350-400-450		22.00			
Series W400-W450		25.50			
Series 600-650		29.00			
Series 350HC-450HC		11.50			
K66A—ALL BEARINGS FOR BOTH WHEEL AXLE SHAFTS, OR BOTH AXLE SHAFTS—RENEW AND ADJUST					
	Bearings				
Cub-Series A-B-100-130		18.00			
F12-F14-FW12-FW14-W12-W14		23.50			
Series 9		31.00			
F20-Series C-200-230		23.00			
Series HV-MV-MTAV-300HC-400HC		23.00			
Other Series H-M		26.00			
Series 4-6		31.00			
1020-W30-W40-WA40		18.00			
F30		27.00			
Other Series MTA		27.50			
Series W6TA		32.50			
300 Utility-350 Utility		21.00			
Series 300-350-400-450		28.50			
Series W400-W450		33.50			
Series 600-650		36.50			
Series 350HC-450HC		23.00			
	Shafts				
Cub-1020-Series A-B-100-130		13.00			
F12-F14-FW12-FW14-W12-W14		22.50			
Series C-200-230		23.00			
Series HV-MV-MTAV-300HC-400HC		23.00			
Other Series H-M		26.00			
Series 4-6-9		31.00			
F20		19.00			
F30-W40-WA40		11.00			
Other Series MTA		27.50			
Series W6TA		32.50			
300 Utility-350 Utility		21.00			
Series 300-350-400-450		28.50			
Series W400-W450		33.50			
Series 600-650		36.50			
K67—WHEEL AXLE SHAFT HOUSING, ONE SIDE—RENEW					
Series A-B-Cub-100-130		19.00			
F20-F30		17.00			
Series HV-MV		30.00			
Series C-200-230		18.00			
Other Series H-M		21.00			
F12-F14-FW12-FW14-W12-W14		15.50			
Series 4-6		23.00			
1020-W30-W40-WA40		12.00			
Series MTAV		31.50			
Other Series MTA		22.50			
Series W6TA		24.50			
Series 300HC-350HC-400HC-450HC		32.50			
300 Utility-350 Utility		16.50			
Other Series 300-350-400-450		23.50			
Series W400-W450		25.50			
K67B—AXLE SHAFT AND CARRIER UNIT, ONE—R&R ONLY					
F12-F14-FW12-FW14-W12-W14		12.00			
Series C-200-230		14.50			
Series H-M		17.50			
Series 4-6		19.50			
1020-W30-W40-WA40		12.50			
Series MTA		19.00			
Series W6TA		21.00			
300 Utility-350 Utility		13.00			
Series 300-350-400-450		20.00			
Series W400-W450		22.00			
K67BA—SAME AS K67B FOR BOTH CARRIERS					
F12-F14-FW12-FW14-W12-W14		19.50			
Series 4-6		26.50			
1020-W30-W40-WA40-Series C-200-230		18.50			
Series H-M		21.50			
Series MTA		23.00			
Series W6TA		28.00			
300 Utility-350 Utility		16.50			
Series 300-350-400-450		24.00			
Series W400-W450		29.00			
K67D—PINION SHAFT SLEEVE OR CARRIER, ONE—RENEW					
Series A-B-Cub-100-130 (Right Hand)		10.00			
Series B (Left Hand)		7.00			
Series HV-MV		22.00			
Series MTAV		23.50			
Series 300HC-350HC-400HC-450HC		24.50			
K70—FINAL DRIVE UNIT, ONE — DETACH (SPLIT) FROM TRANSMISSION HOUSING AND RECONNECT					
Series A-B-100-130		6.00			
Cub		5.50			
Series HV-MV		17.50			
F20-F30 (From Banjo Housing)		8.50			
Series MTAV		19.00			
Series 300HC-350HC-400HC-450HC		20.00			
K70A—SAME AS K70 FOR BOTH UNITS					
Series A-B-100-130		12.00			
Cub		11.00			
Series HV-MV		21.50			
F20-F30		17.00			
Series MTAV		23.00			
Series 300HC-350HC-400HC-450HC		24.00			
★					
K71—OIL SEAL FOR ONE WHEEL AXLE SHAFT—RENEW					
Cub-Series A-B-100-130		6.50			
F12-F14-FW12-FW14-W12-W14-1020		4.50			
Series C-200-230 (Outer)-Series H-M-4-6-9-MTA-W6TA		4.50			
W30-W40-WA40 (Inner)		7.00			
W30-W40-WA40 (Outer)-F30		4.50			
W30-W40-WA40 (Inner And Outer)-F20		7.50			
Series C-200-230 (Inner)		17.50			
Series C-200-230 (Inner And Outer)		18.00			
Series 300-300 Utility-400-W400-600		4.50			
Series 350-350 Utility-450-W450-650		4.50			

INTERNATIONAL HARVESTER K73 to K84

FLAT RATE

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
K73—FINAL DRIVE BULL GEAR OR SPROCKET CASE COVER GASKET, ONE SIDE—RENEW					
Series A-B-Cub-HV-MV-MTAV-100-130 (Carrier Oil Pan).....		1.50	300 Utility-350 Utility		19.00
F20 (Carrier Cover)		8.00	Series 300-350-400-450 (Pinion and Gear).....		26.00
F30 (Carrier Cover)		10.00	Series W400-W450		28.00
1020-W30-W40-WA40 (Bull Gear Cover).....		8.00	Series 300HC-350HC-400HC-450HC (Sprockets).....		29.50
Series 300HC-350HC-400HC-450HC		1.50	Series 300HC-350HC-400HC-450HC (Gears and Sprockets)		35.50
K73A—SAME AS K73 FOR BOTH SIDES			Series 600-650		33.00
Series A-B-Cub-HV-MV-MTAV-100-130 (Carrier Oil Pans)		3.00	On 1020-W30-W40-WA40, includes K67BA.		
F20 (Carrier Covers)		16.00	K76A—SAME AS K76 FOR BOTH SIDES		
F30 (Carrier Covers)		20.00	Series A-B-100-130		32.00
Series 300HC-350HC-400HC-450HC		3.00	Cub		31.00
K75—FINAL DRIVE (BULL) PINION OR DRIVING SPROCKET OR BEARINGS, ONE SIDE—RENEW			F12-F14-FW12-FW14-W12-W14	Same As K75A	
Series A-B-100-130		9.50	Series C-200-230		30.50
Cub		9.00	Series H-M (Pinions & Gears).....		33.50
F12-F14-FW12-FW14-W12-W14		16.00	Series 4-6		38.50
Series 600-650		25.50	Series HV-MV (Sprockets).....		42.00
Series 9		20.00	Series HV-MV (Gears & Sprockets).....		54.00
All Other Series With Disc Brakes (Bull Pinion).....		6.00	F20-F30-Series 9		36.00
Series C With Band Brakes		7.00	Series MTA (Pinion & Gear).....		35.00
Series 4-6 With Band Brakes		25.50	Series W6TA		40.00
Series H-M With Band Brakes (Bull Pinion).....		23.50	Series MTAV (Sprockets).....		43.50
Series MTAV (Upper Sprocket)		28.50	Series MTAV (Gears & Sprockets).....		55.50
Series HV-MV (Upper Sprocket)		27.00	300 Utility-350 Utility		29.00
F20-F30		7.00	Series 300-350-400-450 (Pinion & Gear).....		36.00
1020		29.50	Series W400-W450		41.00
W30		32.00	Series 300HC-350HC-400HC-450HC (Sprockets).....		44.50
W40-WA40		38.00	Series 300HC-350HC-400HC-450HC (Gears & Sprockets).....		56.50
Series 300HC-400HC (Upper Sprocket)		29.50	Series 600-650		41.50
Series 350HC-450HC (Upper Sprocket).....		29.50	★		
On 1020-W30-W40-WA40, includes riveting new pinion to old bevel ring gear. On Cub-F20-F30-Series A-B-100-130, applies to pinion or sprocket in wheel axle carrier housing.			K78—DRIVING CHAIN, ONE—RENEW		
K75A—SAME AS K75 FOR BOTH SIDES			Series HV-MV-MTAV-300HC-400HC-350HC-450HC ...		6.50
Series A-B-100-130		19.00	K78A—DRIVING CHAINS, BOTH—RENEW		
Cub		18.00	Series HV-MV-MTAV-300HC-400HC-350HC-450HC ...		13.00
F12-F14-FW12-FW14-W12-W14		29.00	K82—FINAL DRIVE UNIT, ONE SIDE—OVERHAUL		
Series 600-650		29.50	Series A-B-100-130		18.00
Series 9		24.00	Cub		17.50
All Other Series With Disc Brakes (Bull Pinion).....		12.00	F30		20.00
Series C With Band Brakes		14.50	F20		20.50
Series 4-6 With Band Brakes		32.50	Series HV-MV		36.00
Series H-M With Band Brakes (Bull Pinion).....		28.50	Series MTAV		37.50
Series MTAV (Upper Sprocket)		43.50	Series 300HC-350HC-400HC-450HC		38.50
Series HV-MV (Upper Sprockets)		42.00	On Series HV - MV - MTAV - 300HC - 350HC - 400HC-450HC, includes bull pinions and gears.		
F20-F30		14.00	★		
Series 300HC-400HC (Upper Sprockets)		44.50	K84—FINAL DRIVE ONE SIDE, OR ONE PINION AND BULL GEAR, AND DIFFERENTIAL ASSEMBLY—OVERHAUL		
Series 350HC-450HC (Upper Sprockets)		44.50	Series A-B-C-H-M-100-130-200-230		41.50
Refer to notes under K75.			Cub		39.00
K76—BULL GEAR AND PINION OR DRIVEN AND DRIVING SPROCKETS OF FINAL DRIVE, ONE SIDE—RENEW			F12-F14-FW12-FW14-W12-W14		36.00
Series A-B-100-130		16.00	Series HV-MV		47.50
Cub		15.50	F20-F30-Series 9		37.50
F12-F14-FW12-FW14-W12-W14	Same As K75		1020-W30		42.50
Series C-200-230		20.50	W40-WA40		46.50
Series H-M (Pinion & Gear).....		23.50	Series 4-6		46.50
Series 4-6		25.50	Series MTA		43.00
Series HV-MV (Sprockets)		27.00	Series W6TA		48.00
Series HV-MV (Gears and Sprockets).....		33.00	Series MTAV		49.00
Series 9		27.50	300 Utility-350 Utility		37.00
F20-F30		18.00	Series 300-350-400-450		44.00
1020		33.00	Series W400-W450		49.00
W30		35.50	Series 300HC-350HC-400HC-450HC		50.00
W40-WA40		41.50	Series 600-650		43.00
Series MTA (Pinion and Gear).....		25.00	On Series 12-14, includes transmission countershaft which carries bull pinions and differential, brakes and all parts aft of same except rear wheels. On 1020-W30-W40-WA40, includes bull pinion shaft, brake, differential and all parts aft of same except rear wheels. On Series A-B-C-Cub-H-M-4-6-9-F20-F30-MTA-W6TA-100-130-200-230-300-350-300 Utility-350 Utility-400-450-W400-W450-600-650, includes bevel ring gear, brakes, differential and all parts aft of same except rear wheels.		
Series W6TA		27.00			
Series MTAV (Sprockets)		28.50			
Series MTAV (Gears and Sprockets).....		34.50			
... K76 Continued in Next Column.					

FLAT RATE

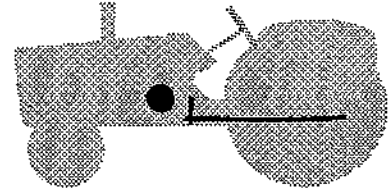
INTERNATIONAL HARVESTER K84A to L10

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
★	K84A—SAME AS K84 FOR BOTH SIDES				
	Series A-B-100-130	52.00	Series 9		86.50
	Cub-W40-WA40-Series 9	50.00	F20		68.50
	F12-F14-FW12-FW14-W12-W14	38.50	F30		73.50
	Series C-H-M-200-230	43.50	1020-W30		84.50
	Series HV-MV	63.00	W40-WA40		87.50
	F20-F30	52.50	Series H-M With Band Brakes		87.00
	1020-W30	46.00	Series H-M With Disc Brakes		82.50
	Series 4-6	48.50	Series 4-6 With Band Brakes		93.50
	Series MTA	45.00	Series 4-6 With Disc Brakes		89.50
	Series W6TA	50.00	Series MTA Including Transmission Input Shaft		101.00
	Series MTAV	64.50	Series W6TA Including Input Shaft		110.00
	300 Utility-350 Utility	39.00	Series HV-MV With Band Brakes		106.50
	Series 300-350-400-450	46.00	Series HV-MV With Disc Brakes		102.00
	Series W400-W450	51.00	Series MTAV		120.50
	Series 300HC-350HC-400HC-450HC	85.50	300 Utility-350 Utility		
	Series 600-650	55.50	With TA (Including Input Shaft)		100.50
	Refer to notes under K84.		Series 300HC-350HC-400HC-450HC		
			With TA (Including Input Shaft)		122.50
★	K85A—TRANSMISSION, DIFFERENTIAL AND FINAL DRIVES		Other Series 300-350-400-450		
	—OVERHAUL. (Does Not Include Belt Pulley or Power		With TA (Including Input Shaft)		103.00
	Take-Off Nor Power Lift Units, But Includes All Basic		Series W400-W450 With TA (Including Input Shaft)		111.00
	Transmission Parts Which Drive These Units.)		300 Utility-350 Utility		
	Series A-B-100-130	78.00	No TA (Including Input Shaft)		70.50
	Cub	71.00	Series 300HC-350HC-400HC-450HC		
	Series C-200-230	64.50	No TA (Including Input Shaft)		93.00
	F12-F14	61.50	Other Series 300-350-400-450		
	FW12-FW14-W12-W14	77.00	No TA (Including Input Shaft)		86.00
	... K85A Continued in Next Column.		Series W400-W450 No TA (Including Input Shaft)		80.50
			Series 600-650		92.00
			On late series 400, W400, 450 and W450 with 21½		
			gallon fuel tank, add \$6.00 if equipped with belt		
			pulley.		

BELT PULLEY AND/OR POWER TAKE-OFF UNIT

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.

L1—PULLEY SHAFT—OVERHAUL AND ADJUST	
Cub	4.50
F12-F14-FW12-FW14-W12-W14	8.00
Series H-M-4-6-9-MTA-W6TA-600-650	3.50
F20-F30	2.50
1020-W30	7.00
W40-WA40	6.00
Series 300-350-400-450-W400-W450	3.50
Includes adjustment of driven gear mesh.	
L2—PULLEY UNIT COMPLETE—R&R	
Series H-M-4-6-9-MTA-W6TA-600-650	2.50
F12-F14-FW12-FW14-W12-W14-Cub	1.50
F20-F30	2.00
1020-W30	3.00
W40-WA40 (Includes R&R Air Cleaner)	4.00
Series 300-350	9.50
Series 400-W400-450-W450 (w/18 gal. fuel tank)	2.50
Series 400-W400-450-W450 (w/21½ gal. fuel tank)	6.00
★	
L4—PULLEY UNIT—OVERHAUL	
Series H-M-4-6-9-MTA-W6TA-1020-W30-600-650	7.00
F12-F14-FW12-FW14-W12-W14	13.50
F20-F30	4.50
W40-WA40	7.00
Series 300-350	14.50
Series 400-W400-450-W450 (w/18 gal. fuel tank)	7.50
Series 400-W400-450-W450 (w/21½ gal. fuel tank)	11.00
Includes adjust mesh of bevel gears.	
L4p—Same As L4 (When Unit Is Off)	
Cub	6.50
Series H-M-4-6-9-MTA-W6TA	5.00
F12-F14-FW12-FW14-W12-W14	12.00
... L4p Continued in Next Column.	



F20-F30	2.50
1020-W30-W40-WA40	4.00
Series 300-350-400-450-W400-W450-600-650	5.00
Refer to note under L4.	
★	
L5—PULLEY SHAFT OIL SEAL—RENEW	
F20-F30-W30-W40-WA40-Cub-Series	
A-B-C-100-130-200-230	1.50
Series H-M-4-6-9-MTA-W6TA-300-350-400-450-600-650	2.50
F12-F14-FW12-FW14-W12-W14	2.00
1020	1.00
On F20-F30, applies to packing gland.	
L9—POWER TAKE-OFF (EXTERNAL OUTPUT) SHAFT OIL SEAL—RENEW	
Series H-M-4-6-9-MTA-W6TA-300-	
300 Utility-400-W400-600	1.50
Series 350-350 Utility-450-W450-650	1.50
L10—P.T.O. (EXTERNAL OUTPUT) SHAFT AND BEARINGS—RENEW	
Series A-B-C-100-130-200-230	5.00
All Models With Independent P.T.O.	16.00
Other Models (Non-Continuous Type)	Same As L24

INTERNATIONAL HARVESTER L13 to L30p

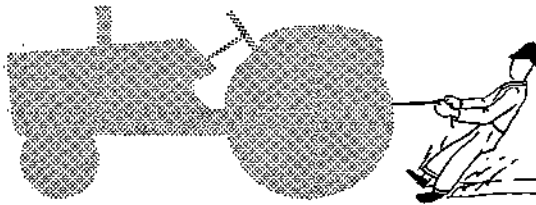
FLAT RATE

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
L13	POWER TAKE-OFF UNIT—R&R				
	Series A-B-C-100-130-200-230	2.50			
	Cub	1.00			
	Series H-M-MTA-300-300 Utility-400 (Non-Continuous Type)	2.00			
	Series 350-350 Utility-450 (Non-Continuous Type)	2.00			
	F12-F14-FW12-FW14-W12-W14	8.00			
	F20	7.50			
	F30	9.00			
	Series 4-6-W6TA-W400-W450 (Non-Continuous Type)	3.00			
	Series 9-600-650	2.50			
	W30-W40-WA40-1020	20.00			
	All Models With Indep. PTO (Rear Unit Only)	2.00			
L17	INDEPENDENT P.T.O. SHAFTS, GEARS AND BEARINGS FORWARD OF REAR UNIT—OVERHAUL OR RENEW. (For Identification of Shafts, See Shop Manual)				
	Series MTA, Non-Diesel (Driving Shaft)	19.00			
	Series MTA, Diesel (Driving Shaft)	20.50			
	Series W6TA, Non-Diesel (Driving Shaft)	21.00			
	Series W6TA, Diesel (Driving Shaft)	22.50			
	Series MTA, Non-Diesel (Driven Shaft)	27.50			
	Series MTA, Diesel (Driven Shaft)	29.00			
	Series W6TA, Non-Diesel (Driven Shaft)	29.50			
	Series W6TA, Diesel (Driven Shaft)	31.00			
	Series MTA (Extension Shaft)	19.50			
	Series W6TA (Extension Shaft)	21.50			
	All Models (Coupling Shaft)	3.00			
	Series MTA, Non-Diesel (All Shafts)	41.50			
	Series MTA, Diesel (All Shafts)	43.00			
	Series W6TA, Non-Diesel (All Shafts)	43.50			
	Series W6TA, Diesel (All Shafts)	45.00			
	300 Utility-350 Utility, Non-Diesel (Driving Shaft)	20.00			
	350 Diesel Utility (Driving Shaft)	21.00			
	350 Diesel (Driving Shaft)	21.50			
	Series 300-350-400-450, Non-Diesel (Driving Shaft)	20.50			
	Series 400-450, Diesel (Driving Shaft)	22.00			
	Series W400-W450, Non-Diesel (Driving Shaft)	22.50			
	Series W400-W450, Diesel (Driving Shaft)	24.00			
	300 Utility-350 Utility, Non-Diesel (Driven Shaft)	26.50			
	350 Diesel Utility (Driven Shaft)	27.50			
	350 Diesel (Driven Shaft)	29.00			
	Series 300-350-400-450, Non-Diesel (Driven Shaft)	28.00			
	Series 400-450, Diesel (Driven Shaft)	29.50			
	Series W400-W450, Non-Diesel (Driven Shaft)	30.00			
	Series W400-W450, Diesel (Driven Shaft)	31.50			
	300 Utility-350 Utility (Extension Shaft)	17.50			
	Series 300-350-400-450 (Extension Shaft)	20.50			
	Series W400-W450 (Extension Shaft)	22.50			
	300 Utility-350 Utility, Non-Diesel (All Shafts)	40.50			
	350 Diesel Utility (All Shafts)	41.50			
	350 Diesel (All Shafts)	43.00			
	Series 300-350-400-450, Non-Diesel (All Shafts)	42.00			
	Series 400-450, Diesel (All Shafts)	43.50			
	Series W400-W450, Non-Diesel (All Shafts)	44.00			
	Series W400-W450, Diesel (All Shafts)	45.50			
L17p	Independent P.T.O. Shafts Forward of Rear Unit. All — Overhaul When Transmission And Input Shafts Are Being Overhauled				
	All Models, With TA	12.00			
	Series 300-350-300 Utility-350 Utility-400-450-W400-W450, No TA	Same As L17q			
L17q	Independent P.T.O. Shafts Forward of Rear Unit. All — Overhaul When Transmission Only Is Being Overhauled				
	Series MTA, Non-Diesel	28.00			
	Series MTA, Diesel	29.50			
	Series W6TA, Non-Diesel-350 Diesel Utility	30.00			
	Series W6TA, Diesel	31.50			
	300 Utility-350 Utility, Non-Diesels	29.00			
	350 Diesel	28.50			
	Series 300-350-400-450, Non-Diesel	27.50			
	Series 400-450, Diesel	29.00			
	Series W400-W450, Non-Diesel	29.50			
	Series W400-W450, Diesel	31.00			
			★		
L24	POWER TAKE-OFF SYSTEM COMPLETE—OVERHAUL				
	Non-Continuous Type				
	Series A-B-C-100-130-200-230	8.00			
	Cub-Series 4-6-W6TA-W400-W450	6.00			
	Series H-M-MTA-300-300 Utility-400	5.00			
	Series 350-350 Utility-450	5.00			
	F12-F14-FW12-FW14-W12-W14	16.50			
	F20	18.00			
	F30	23.00			
	W30-W40-WA40-1020	22.00			
	Series 9-600-650	5.50			
	If bushing in end of transmission spline shaft on Series A-B-C-Cub-100-130-200-230 is renewed, charge for same on time basis. On F12-F14-FW12-FW14-W12-W14, if necessary to renew power take-off pinion add H10. On Series H-M-4-6-9-300-350-300 Utility-350 Utility-400-450-W400-W450-MTA-W6TA, if necessary to renew shaft pilot bearing add K10.				
	Independent Type				
	All Models (Rear Unit Only)	27.50			
	Series MTA, Non-Diesel (Complete System)	67.00			
	Series MTA, Diesel (Complete System)	68.50			
	Series W6TA, Non-Diesel (Complete System)	71.00			
	Series W6TA, Diesel (Complete System)	72.50			
	300 Utility-350 Utility, Non-Diesel (Complete System)	66.00			
	350 Diesel Utility (Complete System)	67.00			
	350 Diesel (Complete System)	68.50			
	Series 300-350-400-450, Non-Diesel (Complete System)	67.50			
	Series 400-450, Diesel (Complete System)	69.00			
	Series W400-W450, Non-Diesel (Complete System)	69.50			
	Series W400-W450, Diesel (Complete System)	71.00			
L24p	Same As L24 (When Unit Is Off)				
	Cub	5.00			
	Series A-B-C-100-130-200-230	5.50			
	Series H-M-4-6-9-MTA-W6TA (Non-Continuous Type)	3.00			
	All Models, Rear Unit Only (Indep. Type)	25.50			
	Series 300-350-300 Utility-350 Utility-400-450-W400-W450-600-650 (Non-Continuous Type)	3.00			
L24q	Same As L24 (When Transmission Cover Is Off)				
	F12-F14-FW12-FW14-W12-W14	12.00			
	F20	15.00			
	F30	19.00			
	1020-W30-W40-WA40	18.00			
L25	REACTOR BANDS, ALL—ADJUST				
	All Models With Independent PTO	1.50			
L26	REACTOR BANDS, ALL—R&R OR RENEW				
	All Models With Independent PTO	6.50			
L29	B.P. AND P.T.O. COMBINED UNIT—R&R				
	Series A-B-C-100-130-200-230	2.50			
	Cub	1.50			
L30	B.P. AND P.T.O. COMBINED UNIT—OVERHAUL				
	Series A-B-C-100-130-200-230	20.00			
	Cub	11.50			
	If bushing in rear end of transmission spline shaft is renewed, charge for same on time basis.				
L30p	Same As L30 (When Unit Is Off)				
	Series A-B-C-100-130-200-230	17.50			
	Cub	10.00			
	If bushing in rear end of transmission spline shaft is renewed, charge for same on time basis.				

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
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BRAKE SYSTEM

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



Where work requires R&R rear wheel and tire unit, add additional allowance from rear wheel section (R Group) if wheels are weighted. On Orchard models where work requires R&R of fender or fenders, charge for same on time basis.

M1—BRAKE, ONE SIDE—ADJUST

1020-W40-WA40	0.50
W30	9.50
12 & 14 Series-F20-F30 (Minor).....	1.00
12 & 14 Series (Major).....	2.50
F20 (Major)	4.00
F30 (Major)	5.00
Other Models	1.00

On models listed as major, includes shims under wear plates. On F20-F30, includes free sheaves and adjust cables. On F12-F14, includes adjust steering rods.

M1A—BRAKES, BOTH SIDES—ADJUST

12 & 14 Series-F20-F30 (Minor).....	1.50
12 & 14 Series (Major).....	4.50
F20 (Major)	7.50
F30 (Major)	9.00
Other Models	1.50

Refer to notes under M1.

M3—BRAKE, ONE—RELINE AND ADJUST

Series A-B-Cub-100-130	10.00
Series 12-14	6.50
F20-F30	8.00
1020-W40-WA40	4.00
W30	13.00
Other Models	6.00

• See Also M3A, M4A, M6, M6A •

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M3A—BRAKES, BOTH—RELINE AND ADJUST

Cub-Series A-B-100-130	19.00
F12-F14-FW12-FW14-W12-W14	12.00
F20	14.00
F30	15.00
Other Models	11.00

M3pa—Same As M3A (When Drums Are Off)

F12-F14-FW12-FW14-W12-W14-F20-F30	9.00
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M4—BRAKE, ONE—RELINE AND RENEW OIL SEAL

Series A-B-Cub-100-130 (Both Seals).....	14.00
F12-F14-FW12-FW14-W12-W14	7.50
F30	9.00
1020-W40-WA40	6.00
F20	10.00
Other Models	8.00

M4A—BRAKES, BOTH—RELINE AND RENEW OIL SEALS

Series A-B-Cub-100-130	27.00
Series 12-14	14.00
F20	19.00
F30	17.00
Other Models	15.00

M5—BRAKE BAND OR SHOE OR DISCS, ONE SIDE—R&R AND ADJUST ONLY

Series A-B-Cub-100-130	7.50
F12-F14-FW12-FW14-W12-W14	4.00
F20-F30	5.50
1020-W40-WA40	1.50
W30	10.50
Other Models	3.50

On W30, includes K73.

M5A—SAME AS M5 FOR BOTH SIDES

Cub-Series A-B-100-130	14.50
F12-F14-FW12-FW14-W12-W14	7.50
F20	9.50
F30	10.50
Other Models	6.50

M6—BAND OR DISCS OR SHOES, ONE SIDE—R&R AND ADJUST AND RENEW OIL SEALS

Series A-B-Cub-100-130	13.00
Series 12-14	5.00
F20	7.50
F30	6.50
1020-W40-WA40	3.50
Other Models	5.50

M6A—SAME AS M6 FOR BOTH SIDES

Series A-B-Cub-100-130	25.50
Series 12-14	9.00
F20	13.00
F30	11.00
Other Models	10.00

M7p—Band Or Shoe Or Discs, For One Brake—Reline Only (When Band or Shoe or Discs Are Off)

All Models	2.50
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M7pa—Same As M7p For Both Brakes

All Models	4.50
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M9—BRAKE DRUM, ONE—R&R OR RENEW

Cub-Series A-B-100-130	8.50
Series C-H-M-4-6-9 (Band Type).....	3.50
12 & 14 Series-1020-W40-WA40	1.50
F20	2.50
F30	3.00
W30	23.00
Other Models (Disc Type).....	4.50

On W30, includes R&R bull pinion and bevel ring gear unit and adjust ring gear backlash.

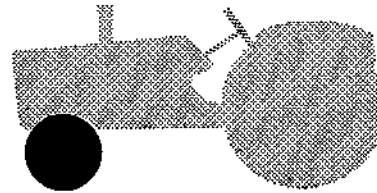
M9A—BRAKE DRUMS, BOTH—R&R OR RENEW

Cub-Series A-B-100-130	16.50
Series C-H-M-4-6-9 (Band Type).....	6.50
F12-F14-FW12-FW14-W12-W14	3.00
F20	5.00
F30	6.00
Other Models (Disc Type).....	8.50

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
M11p—Drum, One—Renew (When Brakes Are Being Relined)			M12—BRAKE PULL CABLE OR ROD, ONE—RENEW		
F12-F14-FW12-FW14-W12-W14-F20-F30	2.00	.....	Cub-Series A-B-100-130	5.50	.....
W30	15.00	.....	W30	9.50	.....
Other Models	1.00	.....	Other Models	1.50	.....
On W30, refer to note under M9. On F12-F14-FW12-FW14-W12-W14-F20-F30, includes R&R rivets holding drum to hub.			M12A—BRAKE PULL CABLES OR RODS, BOTH—RENEW		
M11q—Brake Drum (Riveted Type) Only, One—Renew (When Unit Is Off Of Tractor)			Cub-Series A-B-100-130	11.00	.....
F12-F14-FW12-FW14-W12-W14-F20-F30	2.00	.....	F12-F14-FW12-FW14-W12-W14	3.00	.....
			F20-F30	2.50	.....
			Other Models	2.50	.....

FRONT WHEELS

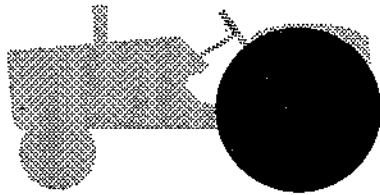
N3—BEARINGS, ONE WHEEL—R&R HUB, CLEAN, LUBRICATE AND ADJUST AND RENEW SEAL		
Knuckle Mounted Wheels	2.00	.....
Fork Mounted Wheels	4.00	.....
★		
N6—BEARINGS, ALL IN ONE WHEEL—RENEW		
Knuckle Mounted Wheels	3.50	.....
Fork Mounted Wheels	5.50	.....
N8—HUB ONLY, ONE—RENEW		
Knuckle Mounted Wheels So Equipped	3.50	.....
Fork Mounted Wheels So Equipped	4.50	.....



N11—FRONT DRY TIRE, ONE—R&R		
Knuckle Mounted Wheels	2.00	.....
Fork Mounted Wheels	3.00	.....

REAR WHEELS

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



On Orchard Models, where work requires R&R of fender or fenders, charge for same on time basis.

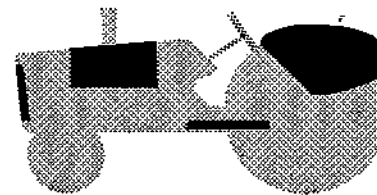
R1—WHEEL AND TIRE AS A UNIT, ONE—R&R		
Cub-Series A-B-C-100-130-200-230, Unweighted	2.00	.....
Cub-Series A-B-C-100-130-200-230, Weighted	3.00	.....
Other Models, Unweighted	3.00	.....
Other Models, Weighted	4.00	.....

R2—RIM AND TIRE AS A UNIT, ONE—R&R		
All Models So Equipped	2.00	.....
R3—WHEEL ONLY, ONE—RENEW		
Type Detachable At Hub, Unweighted	5.00	.....
Type Detachable At Rim, Unweighted	3.50	.....
Type Detachable At Hub, Weighted	6.00	.....
Type Detachable At Rim, Weighted	4.50	.....
Does not include R&R of tire from rim on wheels with detachable type rim.		
R5—REAR DRY TIRE, ONE—R&R		
All Models	3.50	.....
★		
R6—REAR FILLED TIRE, ONE—R&R AND REFILL WITH LIQUID		
All Models	9.00	.....

SHEET METAL AND SEAT

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.

S1—WHEEL GUARD (FENDER) RENEW		
Cub-Series A-B-C-100-130-200-230	1.50	.....
Series H-M-MTA-300-300 Utility-400	1.00	.....
Series 350-350 Utility-450	1.00	.....
Series 4-6-W6TA-W400-W450	3.50	.....
Series 9-600-650 (Fender & Bracket)	7.00	.....
Series 9-600-650 (Fender Only)	5.00	.....
F12-F14-FW12-FW14-W12-W14	2.50	.....
1020-W30-W40-WA40	6.00	.....
On Series 9-600-650, includes R&R wheel.		
S4—RADIATOR GRILLE—RENEW		
Refer to D5.		



S5—TRACTOR HOOD—R&R		
Refer to B9.		

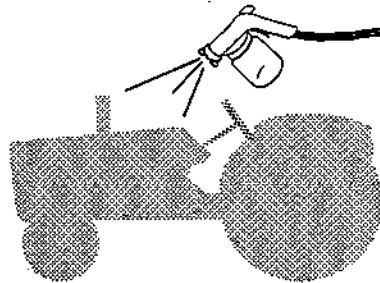
FLAT RATE

INTERNATIONAL HARVESTER S7 to W10

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
S7—PLATFORM—R&R ONLY			S9—SEAT ONLY—R&R		
Cub-Series A-B-100-130		7.50	Series A-B-100-130		1.50
Series 4-6-9-W6TA-W400-600-W450-650		9.50	Other Models		1.00
1020-W30-W40-WA40		8.50	S11—SEAT SPRING—RENEW		
300 Utility-350 Utility, One Side.....		1.50	All Except Conical Type.....		1.00
On Series 4-6-9-W6TA-W400-600-W450-650, applies to foot plates both sides of transmission case and rear step plates.			S12—SEAT SHOCK ABSORBER—R&R		
			Models So Equipped.....		1.00

TRACTOR CLEAN AND PAINT

All series designations include Supers & non-Supers as well as Diesels and non-Diesels unless otherwise noted.



★

T2—TRACTOR ASSEMBLY—STEAM CLEAN FOR SERVICING	
Cub-Series A-B-12-14-100-130	10.00
Series C-H-4-F20-F30-1020-200-230-300-350-300 Utility-350 Utility.....	14.00
Series M-6-9-W30-W40-MTA-W6TA-400-450-W400-W450-600-650	15.00

★

T3—TRACTOR ASSEMBLY—WASH AND CLEAN FOR PAINTING	
Cub-Series A-B-12-14-100-130	Total Charge 20.00
Series C-H-4-F20-F30-1020-200-230-300-350-300 Utility-350 Utility.....	Total Charge 22.50
Series M-6-9-W30-W40-MTA-W6TA-400-450-W400-W450-600-650	Total Charge 26.50

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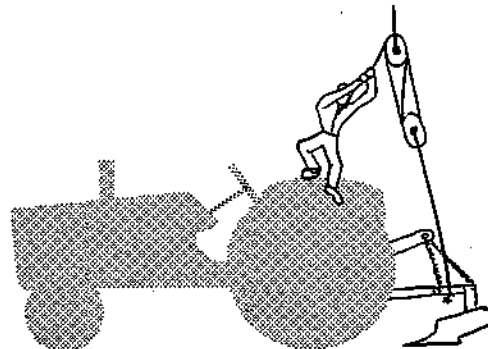
T4—TRACTOR ASSEMBLY—CLEAN AND PAINT	
Cub-Series A-B-12-14-100-130	Total Charge 50.00
Series C-H-4-F20-F30-1020-200-230-300-350-300 Utility-350 Utility.....	Total Charge 56.50
Series M-6-9-W30-W40-MTA-W6TA-400-450-W400-W450-600-650	Total Charge 65.50

★

T5—TRACTOR ASSEMBLY—PAINT ONLY (CLEANING NOT INCLUDED)	
Cub-Series A-B-12-14-100-130	Total Charge 30.00
Series C-H-4-F20-F30-1020-200-230-300-350-300 Utility-350 Utility.....	Total Charge 34.00
Series M-6-9-W30-W40-MTA-W6TA-400-450-W400-W450-600-650	Total Charge 39.00

POWER LIFT SYSTEM

All series designations include Super and non-Supers as well as Diesels and non-Diesels unless otherwise noted.



W4—HYDRAULIC LIFT SYSTEM—CHECK AND/OR ADJUST	
Series A-C-100-130-200	1.50
Cub	1.00
Price applies to adjustment of stop slips.	

W10—HYDRAULIC PUMP UNIT—R&R OR RENEW	
Series A-C-Cub-100-130-200-230	2.00
Series H-M-4-6-9-MTA-W6TA (Engine Driven).....	3.00
Other Models	3.00

**INTERNATIONAL HARVESTER
W20 to W97**

FLAT RATE

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
★			★		
W11	HYDRAULIC PUMP UNIT—RESEAL		W30	REGULATOR AND SAFETY VALVE UNIT—R&R AND OVERHAUL	
Series A-C-Cub-100-130-200-230		7.00	300 Utility-350 Utility, With Flow Control Valve		6.50
Series H-M-4-6-9-W6TA-MTA		8.00	230-300 Utility-350 Utility, No Flow Control Valve		5.50
Series 300-300 Utility-400-W400-600		8.00	Series 300-350-400-450, With Flow Control Valve		8.50
Series 350-350 Utility-450-W450-650		8.00	Series 300-350-400-450-W400-W450, No Flow Control Valve		7.50
W11p	Same As W11 (When Pump Is Off)		Series 600-650, With Flow Control Valve		8.00
All Models With Engine Driven Pump		5.00	W30p	Same As W30 (When Unit Is Off)	
W20	CONTROL VALVES UNIT—R&R OR RENEW		All Models, With Flow Control Valve		3.00
Series H-M-MTA (With Engine Driven Pump)		4.00	All Models, No Flow Control Valve		2.00
Series 4-6-9-W6TA		2.50	W35	HYDRAULIC PUMP AND CONTROL VALVES ON PUMP—R&R OR RENEW	
Series H-M-MTA-100-130-200 (Remote Control Valve)		2.50	Series H-M (Countershaft Driven)		4.00
Hydra-Touch System, Single Valve			W36	HYDRAULIC PUMP AND CONTROL VALVES ON PUMP—OVERHAUL	
230-300 Utility-350 Utility		3.00	Series H-M (Countershaft Driven)		11.00
Series 300-350-400-450-W400-W450		7.50	W36p	Same As W36 (When Unit Is Off)	
Series 600-650		5.00	Series H-M (Countershaft Driven)		7.00
Hydra-Touch System, Double Valve			W55	OIL RESERVOIR FOR HYDRAULIC SYSTEM—R&R OR RENEW	
300 Utility-350 Utility, Front or Rear-230, One		3.00	Series 4-6-9-W6TA-W400-W450-600-650		3.00
300 Utility-350 Utility, Front and Rear-230, Both		5.00	300 Utility-350 Utility, Reservoir Cover		8.00
Series 300-350-400-450-W400-W450, Outer		7.50	300 Utility-350 Utility, Transmission Cover		12.00
Series 300-350-400-450-W400-W450, Inner		9.00	300 Utility-350 Utility, Trans. Cover & Reservoir		14.50
Series 300-350-400-450-W400-W450, Outer & Inner		9.00	Series 230		Same As H11
Series 600-650, Outer		5.00	Other Models		Time Basis
Series 600-650, Inner		6.00	W57	OIL RESERVOIR AND VALVES IN RESERVOIR — OVERHAUL	
Series 600-650, Outer and Inner		6.00	Series H-M-MTA (With Engine Driven Pump)		9.00
Hydra-Touch System, Triple Valve			W57p	Same As W57 (When Unit Is Off)	
300 Utility-350 Utility, Outer Front or Rear		3.00	Series H-M-MTA (With Engine Driven Pump)		5.00
300 Utility-350 Utility, Inner Front		3.50	W77	CYLINDER, ROCKSHAFT OPERATING	
300 Utility-350 Utility Inner and Outer Front		3.50	300 Utility-350 Utility-200-230		6.00
300 Utility-350 Utility, Rear and Both Front		5.50	Series 300-350-400-450		6.50
Series 300-350-400-450-W400-W450, Outer		7.50	W77p	Same As W77 (When Cylinder Is Off)	
Series 300-350-400-450-W400-W450, Center		9.00	All Models		4.00
Series 300-350-400-450-W400-W450, Inner		10.00	★		
Series 300-350-400-450-W400-W450, Outer & Center		9.00	W80p	Cylinder, Remote or Portable, One—Overhaul (When Cylinder Is Off)	
Series 300-350-400-450-W400-W450, Outer, Center and Inner		10.00	Models So Equipped		4.00
W21	CONTROL VALVE UNIT—OVERHAUL		W90	ROCKSHAFT—R&R OR RENEW	
Series H-M-MTA (With Engine Driven Pump)		9.00	Series A-C-100-130-200		3.00
Series 4-6-9-W6TA		4.50	Cub		2.50
Series H-M-MTA-100-130-200 (Remote Control Valve)		4.50	300 Utility-350 Utility		2.50
Hydra-Touch System, Single Valve			Series 200-230-300-350-400-450		Time Basis
230-300 Utility-350 Utility		6.50	★		
Series 300-350-400-450-W400-W450		11.00	W91	ROCKSHAFT—OVERHAUL	
Series 600-650		8.50	Series A-C-100-130-200		8.00
Hydra-Touch System, Double Valve			Cub		3.50
300 Utility-350 Utility, Front or Rear-230, One		6.50	300 Utility-350 Utility		3.50
300 Utility-350 Utility, Front and Rear-230, Both		11.50	Series 200-230-300-350-400-450		Time Basis
Series 300-350-400-450-W400-W450, Outer		11.00	Includes renew mounting bracket on 300 Utility.		
Series 300-350-400-450-W400-W450, Inner		12.50	W91p	Same As W91 (When Unit Is Off)	
Series 300-350-400-450-W400-W450, Outer & Inner		15.50	Series A-C-100-130-200		5.00
Series 600-650, Outer		8.50	Cub-300 Utility-350 Utility		1.00
Series 600-650, Inner		9.50	★		
Series 600-650, Outer & Inner		12.50	W97	HYDRAULIC PUMP, CONTROL VALVES, ROCKSHAFT OPERATING CYLINDER AND ROCKSHAFT—OVERHAUL	
Hydra-Touch System, Triple Valve			Series A-C-100-130-200		32.00
300 Utility-350 Utility, Outer Front or Rear		6.50	Cub		22.00
300 Utility-350 Utility, Inner Front		7.00			
300 Utility-350 Utility, Inner and Outer Front		10.00			
300 Utility-350 Utility, Rear and Both Front		15.00			
Series 300-350-400-450-W400-W450, Outer		11.00			
Series 300-350-400-450-W400-W450, Center		12.50			
Series 300-350-400-450-W400-W450, Inner		13.50			
Series 300-350-400-450-W400-W450, Outer & Center		15.50			
Series 300-350-400-450-W400-W450, Outer, Center and Inner		19.50			
W21p	Same As W21 (When Unit Is Off)				
Series H-M-MTA (With Engine Driven Pump)		5.00			
Series 4-6-9-W6TA		2.00			
Series H-M-MTA-100-130-200 (Remote Control Valve)		2.00			
All Models, With Hydra-Touch System (One)		3.50			
All Models, With Hydra-Touch System (Two)		6.50			
All Models, With Hydra-Touch System (Three)		9.50			

FLAT RATE

**INTERNATIONAL HARVESTER
W99 to W101**

Job Number	DESCRIPTION	Suggested Price	Job Number	DESCRIPTION	Suggested Price
W99	HYDRAULIC CONTROL VALVES AND ROCKSHAFT OPERATING CYLINDER—OVERHAUL		W101	ROCKSHAFT OPERATING CYLINDER AND ROCKSHAFT—OVERHAUL	
	Series A-C-100-130-200	23.00		Series A-C-100-130-200	27.00
	Cub	17.00		Cub	17.50
W99p	Same As W99 (When Unit Is Off)			300 Utility-350 Utility	8.50
	Series A-C-100-130-200	16.50		Series 200-230-300-350-400-450	Time Basis
	Cub	12.00			

NOTES