

POWER TAKE-OFF GROUP

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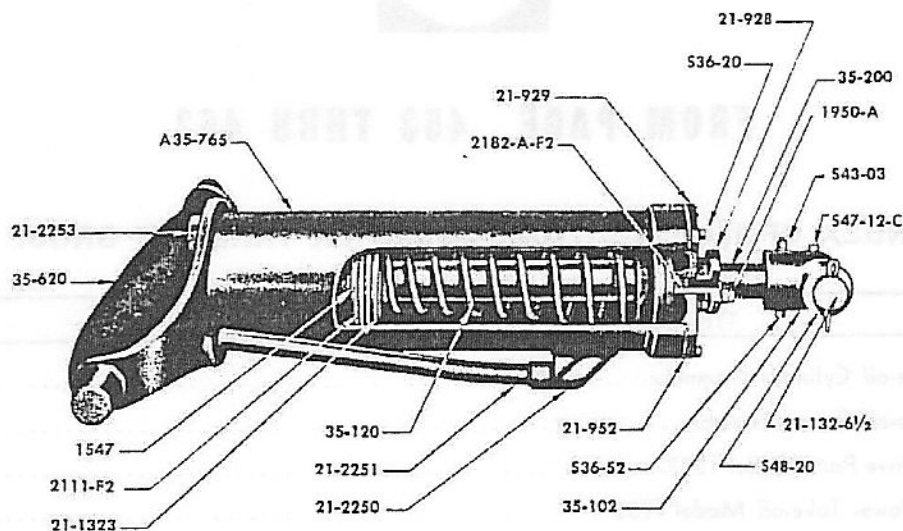
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POWER TAKE-OFF—GROUP 20

D6R CYLINDER ASSEMBLY—SUB-GROUP 2001

Parts illustrated on this page are serviced by and should be ordered from
Gar Wood Industries, Inc., Detroit, Michigan

POWER TAKE-OFF PARTS PECULIAR TO MODEL T203



USM-PTO-1

Part No.	NAME	No. to Unit	Price Each	Part No.	NAME	No. to Unit	Price Each
A-35-770	Cylinder Assembly Complete with Trunnion (D6U).....	1	\$100.00	21-132-6 1/2	Cross Head Shaft.....	1	\$ 1.75
A35-774	Cylinder Assembly Complete with Trunnion (D6UL).....	1	100.00	21-125	Stop Chain—23' Long.....	1	1.00
A35-765	Cylinder and Trunnion Weld Assembly (D6U).....	1	74.00	S36-52	Piston Rod Clevis Bolt.....	1	.07
A35-775	Cylinder and Trunnion Weld Assembly (D6UL).....	1	74.00	S43-03	Piston Rod Clevis Bolt Nut.....	1	.02
35-620	Cylinder Trunnion.....	1	28.50	S46-04	Piston Rod Clevis Bolt L. W.....	1	.02
21-2250	Cylinder Low Pressure Fitting.....	1	2.00	1547	Piston Rod Nut.....	1	.15
21-2251	Cylinder Low Pressure Pipe.....	1	2.50	35-120	Piston Rod Stop Spring.....	1	3.00
21-2253	Cylinder High Pressure Stuffing Box.....	1	1.40	2111-F2	Piston Head.....	1	3.60
35-219	Cylinder Filler Elbow.....	1	.30	21-1323	Piston Ring.....	pr. 2	pr. 1.25
S50-05	Cylinder Filler Plug.....	1	.20	21-132	Piston Rod Clevis Pin (6 1/4" Long).....	1	1.25
21-929	Cylinder Head.....	1	8.00	S48-20	Piston Rod Clevis Pin Washer.....	2	.06
21-952	Cylinder Head Gasket.....	1	.06	S47-12C	Piston Rod Clevis Pin Cotter.....	2	.04
S36-20	Cylinder Head Attaching Bolt.....	6	.04	1267	Cylinder Trunnion Port Hole Cover.....	1	.50
S46-04	Cylinder Head Attaching Bolt L. W.....	6	.02	180-37	Cylinder Trunnion Port Hole Cover Gasket.....	1	.10
2182-A-F2	Cylinder Head Packing.....	5	.16	35-782	Cylinder Trunnion Port Hole Cover Acorn Nut.....	4	.06
21-928	Cylinder Head Packing Gland.....	1	1.00	12-602	Valve Control Lever (on Pump).....	1	.60
21-965	Cylinder Head Packing Gland Stud.....	2	.15	T1042	Valve Control Lever Set Screw.....	1	.04
1950-A	Cylinder Head Packing Gland Stud Nut.....	4	.05	12-603	Valve Control Bracket.....	1	2.15
35-200	Piston Rod (D6U).....	1	6.50	S38-20	Valve Control Bracket Bolt.....	2	.06
35-777	Piston Rod (D6UL).....	1	7.30	S46-06	Valve Control Bracket Bolt L. W.....	2	.02
35-102	Piston Rod Clevis.....	1	2.25	T516	Valve Control Bell Crank.....	1	1.25
A37-553	Lifting Arm Assembly.....	1	37.50	T530	Valve Control Bell Crank Bushing.....	1	.25
A35-915	Lifting Link Assembly.....	2	6.50	S38-60	Valve Control Bell Crank Bolt.....	1	.12
				S43-05	Valve Control Bell Crank Bolt Nut.....	1	.03
				S46-06	Valve Control Bell Crank Bolt L. W.....	1	.02
				21-2252	Valve Control Link.....	1	.07

All prices F. O. B. factory, Detroit, Michigan—Subject to change without notice

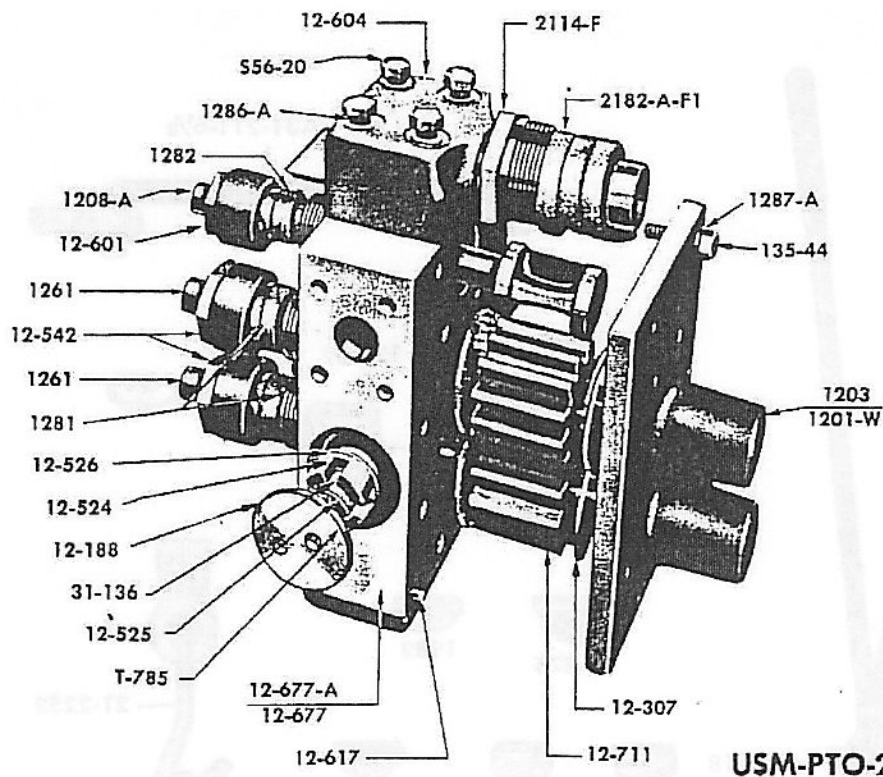
POWER TAKE-OFF—GROUP 20

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PUMP ASSEMBLY

Parts illustrated on this page are serviced by and should be ordered from
Gar Wood Industries, Inc., Detroit, Michigan

POWER TAKE-OFF PARTS PECULIAR TO MODEL T203



USM-PTO-2

VALVE THROUGH BODY

Pump Assembly	Cover	Body
A12-676-L	1201-W	12-677
A12-676-R	1201-W	12-677

VALVE THROUGH COVER

Pump Assembly	Cover	Body
A12-676-LR	1203	12-677-A
A12-676-RR	1203	12-677-A

Part No.	NAME	No. to Unit	Price Each	Part No.	NAME	No. to Unit	Price Each
A12-676-L or R	Pump Assembly (Valve Shaft Thru Body)....	1	\$50.00	12-307	Pump Gear Wear Plate.....	2	\$0.60
A12-676-LR or RR	Pump Assembly (Valve Shaft Thru Cover)....	1	50.00	1208-A	Pump Valve.....	1	2.50
2-677	Pump Body (Valve Shaft Thru Body).....	1	30.00	1282	Pump Valve Packing.....	2	.11
2-677-A	Pump Body (Valve Shaft Thru Cover).....	1	30.00	12-601	Pump Valve Packing Nut.....	1	.50
214	Pump Body Bushing.....	2	.30	287	Pump Valve Key.....	1	.10
280	Pump Body Gasket.....	1	.05	12-524	Pump Ball Check Cage.....	1	.50
201-W	Pump Cover (Valve Shaft Thru Body).....	1	9.00	12-525	Pump Ball Check Spring.....	1	.05
203	Pump Cover (Valve Shaft Thru Cover).....	1	9.00	12-526	Pump Ball Check Gasket.....	1	.05
213	Pump Cover Bushing.....	2	.25	31-136	Pump Ball Check Ball.....	1	.12
2-617	Pump Cover Dowel Pin.....	2	.10	12-188	Pump Ball Check Plug.....	2	1.50
35-44	Pump Cover Bolt.....	10	.04	T-785	Pump Ball Check Plug Gasket.....	2	.20
287-A	Pump Cover Bolt Washer.....	10	.003	1267	Pump Port Hole Cover Plate.....	1	.50
261	Pump Drive Shaft.....	2	1.25	1236	Pump Port Hole Cover Plate Bolt.....	4	.04
248	Pump Drive Shaft Key.....	4	.04	1286-A	Pump Port Hole Cover Washer.....	16	.005
281	Pump Drive Shaft Packing.....	4	.11	180-37	Pump Port Hole Flange Gasket.....	3	.10
2-542	Pump Drive Shaft Packing Nut.....	2	.60	12-604	High Pressure Connection (D6 and D7).....	1	4.50
2-543	Pump Drive Shaft Packing Nut Lock Nut.....	2	.75	2182-A-F1	High Pressure Connection Packing.....	3	.08
2-711	Pump Gear.....	2	6.00	2114-F	High Pressure Connection Packing Nut.....	1	2.00
				114-A	High Pressure Flange (F1C and F2C).....	1	1.50
				556-20	High Pressure Flange Bolt.....	4	.06

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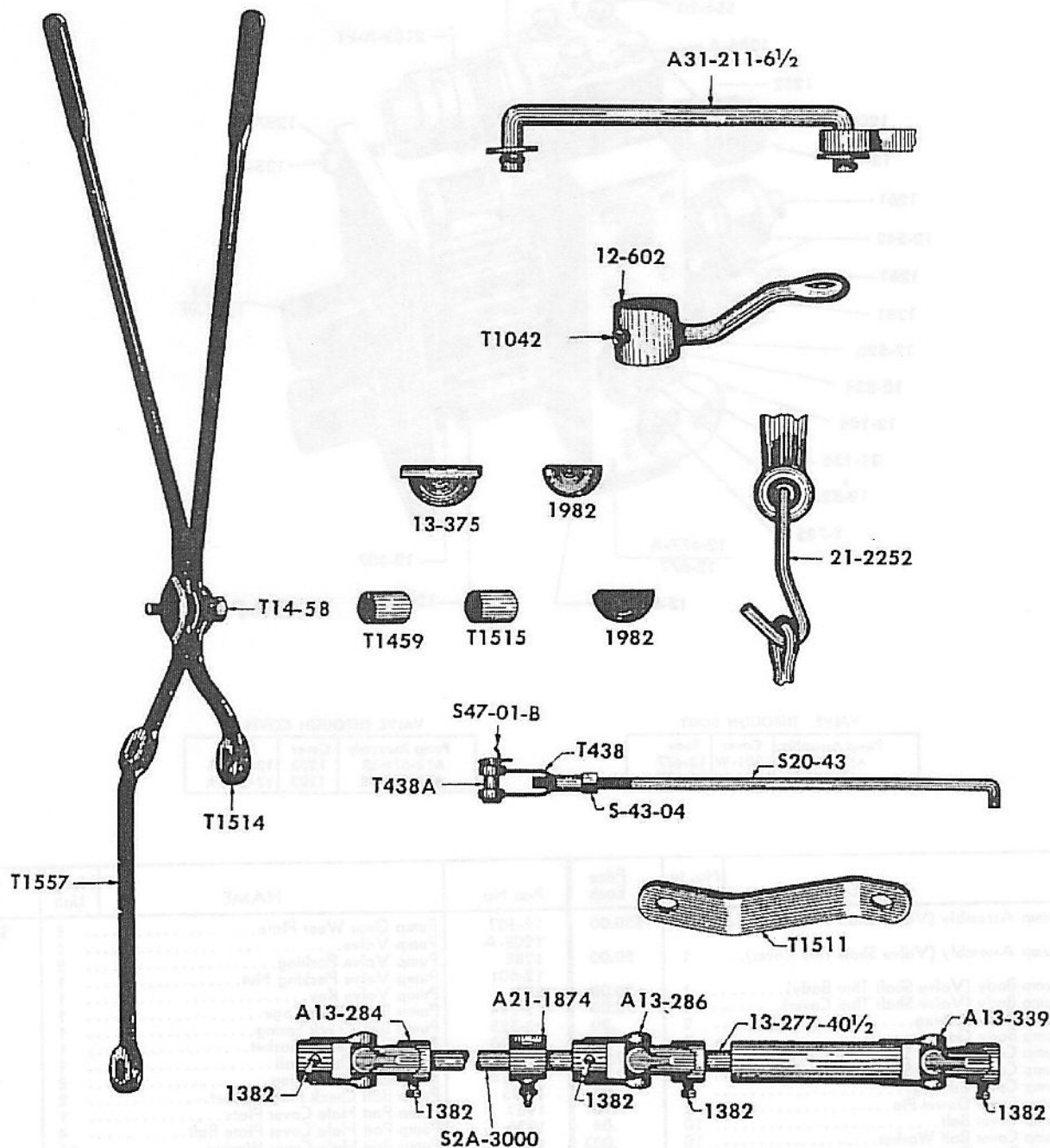
GAR WOOD INDUSTRIES, INC., 7924 RIOPELLE STREET, DETROIT, MICHIGAN

POWER TAKE-OFF—GROUP 20

CONTROL AND PUMP DRIVE ASSEMBLY

Parts illustrated on this page are serviced by and should be ordered from
Gar Wood Industries, Inc., Detroit, Michigan

MODEL T203



USM-PTO-3

POWER TAKE-OFF—GROUP 20

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CONTROL AND PUMP DRIVE ASSEMBLY

Parts listed on this page are serviced by and should be ordered from
Gar Wood Industries, Inc., Detroit, Michigan

MODEL T203

Part No.	NAME	No. to Unit	Price Each
T-1514	Power Take-off Control Hand Lever (Wood).....	1	\$2.15
T-1515	Power Take-off Control Hand Lever Bearing (Wood).....	1	.25
A31-211-6 $\frac{1}{4}$	Power Take-off Control Rod (Wood).....	1	.75
T-1557	Valve Control Hand Lever.....	1	3.10
T-1459	Valve Control Hand Lever Bearing.....	1	.20
T-1458	Valve Control Hand Lever Bearing Bolt.....	1	.15
T-1511	Control Lever Bracket for Emergency Quadrant.....	1	.55
S20	Valve Control Rod Assembly—43" Long.....	1	2.25
T-438	Valve Control Rod Yoke.....	1	.75
T-438-A	Valve Control Rod Yoke Pin.....	1	.15
S47-01-B	Valve Control Rod Yoke Pin Cutter.....	1	.02
S43-04	Valve Control Rod Yoke Lock Nut.....	1	.02
12-603	Valve Control Bracket.....	1	2.15
T-516	Valve Control Bell Crank.....	1	1.25
S45-05	Valve Control Bell Washer.....	1	.04
T-530	Valve Control Bell Bushing.....	1	.25
21-2252	Valve Control Link.....	1	.07
12-602	Valve Control Lever on Pump Valve.....	1	.60
T-1042	Valve Control Lever Set Screw.....	1	.04
S2A-3000	Drive Shaft.....	1	2.15
A13-284	Universal Joint Assembly.....	1	4.50
1382	Universal Joint Set Screw.....	1	.04
1982	Key.....	1	.05
13-293	Universal Joint Zerk Fitting.....	1	.25
A13-286	Universal Joint Assembly.....	1	4.50
1382	Universal Joint Set Screw.....	1	.04
1982	Key.....	1	.05
13-293	Universal Joint Zerk Fitting.....	1	.25
13-277	Drive Shaft—40 $\frac{1}{2}$ " Long.....	1	3.00
A13-339	Universal Slip Joint Assembly at Pump.....	1	5.00
12-375	Key (for A13-339).....	1	.15
1382	Universal Joint Set Screw.....	2	.04
13-293	Universal Joint Zerk Fitting.....	2	.25
A21-1874	Drive Shaft Steady Bearing.....	1	5.50
21-2103	Drive Shaft Steady Bearing Bushing.....	1	.40

Give hoist serial number stamped on hoist name plate riveted to right-hand hoist sub-frame side rail near front. All prices F.O.B. factory, Detroit, Mich. Subject to change without notice.

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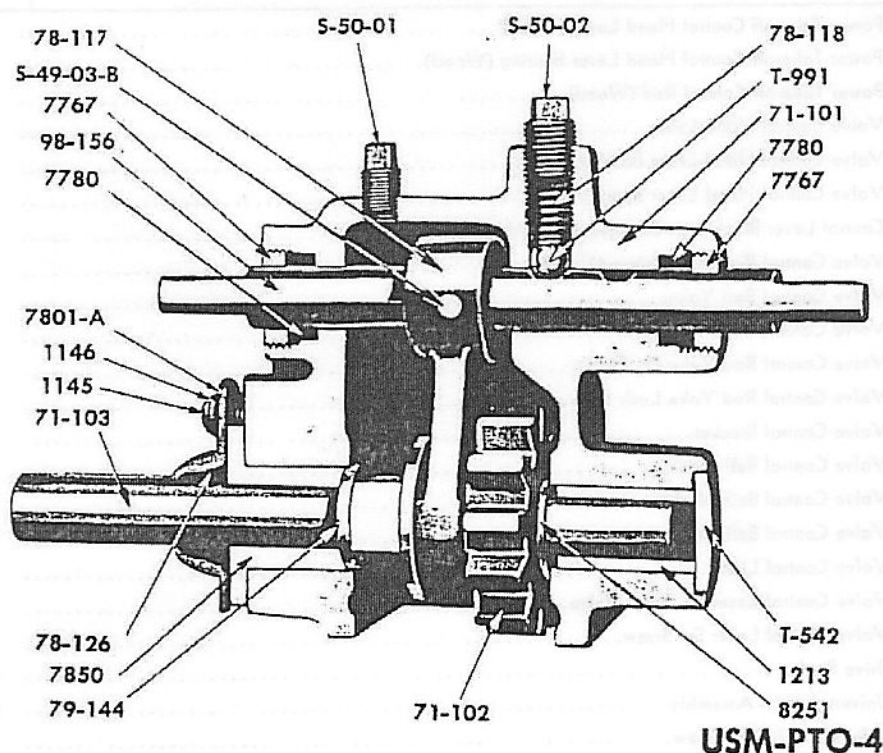
POWER TAKE-OFF—GROUP 20

SUB-GROUP 2010

Parts illustrated on this page are serviced by and should be ordered from
Gar Wood Industries, Inc., Detroit, Michigan

POWER TAKE-OFF PARTS PECULIAR TO MODEL T203

A71-Power Take-Off Series



Part No.	NAME	No. to Unit	Price Each	Part No.	NAME	No. to Unit	Price Each
*A71-100	Power Take-Off Complete.....	1	\$12.00	7801-A	Drive Shaft Packing Retainer.....	1	\$0.25
*71-101	Gear Housing.....	1	5.00	1145	Drive Shaft Packing Retainer Screw.....	3	.04
S-50-01	Gear Housing Pipe Plug.....	1	.10	1146	Drive Shaft Packing Retainer Screw Lockwasher.....	3	.02
*71-103	Drive Shaft.....	1	2.00	98-156	Shifter Shaft.....	1	1.00
*71-102	Drive Shaft Gear.....	1	7.75	78-117	Shifter Shaft Fork.....	1	.75
1248	Drive Shaft Gear Key.....	1	.04	S-49-03B	Shifter Shaft Fork Taper Pin.....	1	.03
79-144	Drive Shaft Spacer.....	1	.30	7780	Shifter Shaft Packing.....	2	.04
8251	Drive Shaft Spacer.....	1	.25	7767	Shifter Shaft Packing Nut.....	2	.15
7850	Drive Shaft Bushing—Shouldered.....	1	1.75	T-991	Shifter Shaft Lock Ball.....	1	.06
1213	Drive Shaft Bushing—Straight.....	1	.25	78-118	Shifter Shaft Lock Ball Spring.....	1	.10
T-542	Drive Shaft Welch Plug.....	1	.10	S-50-02	Shifter Shaft Lock Ball Spring Plug.....	1	.10
78-126	Drive Shaft Packing.....	1	.08				

*Give Hoist Serial Number Stamped on Hoist Name Plate.

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POWER TAKE-OFF—GROUP 20

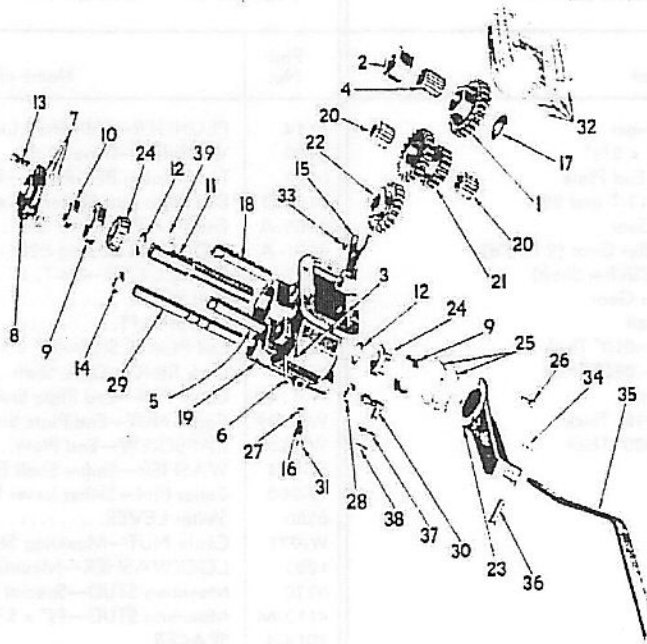
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SUB-GROUP 2010

Parts illustrated on this page are serviced by and should be ordered from
Detroit Harvester Co., Detroit, Michigan

EXPLODED VIEW OF POWER TAKE-OFF SHOWING EACH PART IN ITS RELATIVE POSITION
MODELS T207-T215-T214-T223—See Pages 460 and 461 for Part Numbers

USM-PTO.5



POWER TAKE-OFF

Ref. No.	NAME	Ref. No.	NAME
1—Idler Gear		20—Reverse Idler Roller Bearings	
2—Idler Gear Spacer		21—Reverse Idler Gear	
3—Idler Shaft Rivet		22—Sliding Gear	
4—Idler Gear Roller Bearing		23—End Plate	
5—Reverse Idler Gear Shaft		24—Taper Roller Bearing Cone and Rollers	
6—Idler Shaft Rivet		25—End Plate Gasket	
7—End Plate Gasket		26—End Plate Screw and Lockwasher	
8—Drive Shaft Oil Retainer Plate		27—Shifter Shaft Lock Ball	
9—Taper Roller Bearing Cups		28—Shifter Shaft Oil Seal	
10—Drive Shaft Oil Seal		29—Shifter Shaft	
11—Drive Shaft		30—Eye Bolt, Pin and Lock Nut	
12—Drive Shaft Washers		31—Shift Plunger Pipe Plug	
13—Drive Shaft Oil Retainer Plate Screw and Lockwasher		32—Power Take-off to Transmission Gaskets	
14—Shifter Shaft Oil Seal		33—Shifter Set Screw	
15—Shift Fork		34—Clevis Pin Cotter	
16—Shifter Shaft Ball Spring		35—Winch Power Take-off Lever	
17—Drive Cluster Gear Spacer		36—Clevis Pin	
18—Drive Cluster Gear Shaft (Idler Gear Shaft)		37—Shifter Shaft Eye Bolt Washer	
19—Housing		38—Eye Bolt Pin Cotter	
		39—Drive Shaft Key	

POWER TAKE-OFF—GROUP 20

SUB-GROUP 2010

POWER TAKE-OFF PARTS PECULIAR TO MODELS T207 AND T215

THESE PARTS SERVICED BY AND SHOULD BE ORDERED FROM CHRYSLER CORP.—PARTS DIV.			THESE PARTS SERVICED BY AND SHOULD BE ORDERED FROM DETROIT HARVESTER CO., DETROIT, MICH.		
No. Req'd	Part No.	Name of Part	Part No.	Name of Part	Price Each
1	113935	Pipe PLUG—Shaft Plunger	6114	PLUNGER—Shift Shaft Lock	\$.20
2	105098	RIVET—Idler Shaft $\frac{7}{16}$ " x $2\frac{1}{4}$ "	6120	WASHER—Drive Shaft	.15
2	120214	LOCKWASHER $\frac{3}{16}$ "—End Plate	6159	Taper Roller BEARING—Drive Shaft, $1\frac{1}{4}$ " End	2.75
1	926146	Reverse Idler GEAR—17-T and 22-T	6164-D	End Plate and Shifter Lever BRACKET	2.60
1	926143	SHAFT—For 4103-E Gear	6165-A	End PLATE—Drive Shaft	.95
2	926148	BEARING—Reverse Idler Gear (2 Req'd)	6201-A	HOUSING Casting 6201-A	14.00
1	926164	Eye BOLT AND PIN (Shifter Shaft)	6202	Sliding GEAR—24-T	9.00
1	926145	Thrust WASHER—Idler Gear	6252-A	Shift FORK	1.50
2	926162	OIL SEAL—Shifter Shaft	6262-A	Shift SHAFT	1.60
2	926158	GASKET—End Plate—.010" Thick	6269	End PLATE Stud— $\frac{3}{16}$ " x $1\frac{3}{8}$ "	.15
1	926159	GASKET—End Plate—.020" Thick	7261	Lock RING—Drive Shaft	.05
1	926167	Pivot PIN—Shifter Lever	W-1140	Cotter PIN—End Plate Stud	.01
*	916506	GASKET—6 Hole—.010" Thick	W-1199	Castle NUT—End Plate Stud	.02
*	916875	GASKET—6 Hole—.020" Thick	W-916	CAPSCREW—End Plate	.03
2	118000	KEY—Drive Shaft	W-974	WASHER—Shifter Shaft Eye Bolt	.02
1	915850	Shear PIN	W-980	Cotter PIN—Shifter Lever Pivot Pin	.01
1	1088377	Set SCREW (Collar)	6266	Shifter LEVER	1.00
			W-977	Castle NUT—Mounting Stud	.05
			1065	LOCKWASHER—Mounting Stud	.02
			6270	Mounting STUD—Special $\frac{3}{8}$ " x $1\frac{15}{16}$ "	.15
			4113-M	Mounting STUD— $\frac{3}{8}$ " x $2\frac{3}{8}$ "	.15
			3014-4	SPACER	2.15
			4171	Propeller SHAFT	9.00
			W-983	Cotter PIN—Mounting Stud	.01
			2531	OIL SEAL—Drive Shaft	.75
			3056	Set SCREW—Shifter Fork $\frac{3}{8}$ "—16	.15
			4103-E	Idler GEAR—26T	12.00
			4108	SHAFT—For Reverse Idler Gear	.75
			4136	BEARING—Idler Gear	.75
			4264	Taper Roller BEARING—Drive Shaft (Small End)	2.10
			6105-1	Drive SHAFT— $1\frac{1}{8}$ " Dia., $\frac{1}{4}$ " Key	7.50
			6113	SPRING—Shift Shaft Plunger	.05

POWER TAKE-OFF—GROUP 20

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SUB-GROUP 2010 POWER TAKE-OFF PARTS PECULIAR TO MODELS T214 AND T223 SERVICED BY CHRYSLER CORP.—PARTS DIVISION

No. Req'd	Part No.	Name of Part	No. Req'd	Part No.	Name of Part
1	924236	Power Take-Off Assembly	1	926145	Idler Gear SPACER
2	118000	KEY—Universal Joint	1	926142	Idler Gear SPACER—Large
1	113935	Pipe PLUG—Shift Ball Spring	1	924237	Control LEVER
1	120395	WASHER—Shift Shaft Eye Bolt $\frac{1}{2}$ "	1	926160	Shift SHAFT
1	119209	Cotter—Eye BOLT AND CLEVIS PIN $\frac{1}{8}$ " x $1\frac{1}{2}$ "	1	926157	End PLATE—Shifter Lever
1	139413	Set SCREW—Shifter Fork	1	921905	Propeller SHAFT (Winch to P. T. O.)
1	122145	P. T. O. to Transmission BOLT—Long	1	1088378	COLLAR—Propeller Shaft
5	120233	P. T. O. to Transmission BOLT—Short	1	926149	Sliding GEAR—22 Teeth
1	1088377	Set SCREW—Propeller Shaft Collar	1	926161	Shift FORK
6	120214	LOCKWASHER $\frac{3}{16}$ "—End Plate	1	926150	Drive SHAFT— $1\frac{1}{8}$ " Dia., $\frac{1}{4}$ " Key
6	120382	P. T. O. to Transmission BOLT—Lockwasher	2	926154	WASHER—Drive Shaft Bearing
1	104921	BALL—Shift Shaft Lock	2	926151	Taper Roller BEARING—Drive Shaft
1	915850	Shear PIN	2	926162	OIL SEAL—Shifter Shaft
2	105098	RIVET—Idler Shaft $\frac{3}{16}$ " x $2\frac{1}{4}$ "	2	926156	Oil Retainer PLATE—Drive Shaft
1	926167	Clevis PIN—Shifter Lever $\frac{1}{16}$ " x $1\frac{1}{2}$ "	2	926158	GASKET—End Plate .010" Thick
1	120394	P. T. O. to Transmission Bolt—Flat WASHER	1	926159	GASKET—End Plate .020" Thick
6	122017	Cap SCREW $\frac{1}{4}$ "—18 x 1"—End Plate	1	926144	BEARING—Idler Gear
1	926155	OIL SEAL—Drive Shaft	*	916506	P. T. O. to Transmission GASKET (.010" Thick)
1	926140	HOUSING	*	916875	P. T. O. to Transmission GASKET (.020" Thick)
1	926141	Idler GEAR—24 Teeth	*	917073	P. T. O. to Transmission GASKET (.005" Thick)
1	926146	Reverse Idler GEAR—17 Teeth—22 Teeth	1	926163	SPRING—Shift Shaft Ball
1	926143	SHAFT—Idler Gear	1	120369	NUT—Eye Bolt
1	926147	SHAFT—Reverse Idler Gear	2	698394	CUP—Drive Shaft Bearing
2	926148	BEARING—Reverse Idler Gear	2	926152	CONE—Drive Shaft Bearing
1	926164	EYE BOLT AND PIN—Shifter Shaft			

POWER TAKE-OFF—GROUP 20

POWER TAKE-OFF—SUB-GROUP 2010

PART NAME	Quantity Required Per Car	YEAR AND MODEL CODE						
		1940 T202 T203	1941 T207	1941 T211	1941 T215	1941 T118	1942 T214	1943 T223
Power Take-off COVER.....	2	556875	556875	556875	556875	556875	556875	556875
Power Take-off Cover GASKET.....	2	567500	567500	567500	567500	567500	567500	567500
Power Take-off Cover Screw (Long).....	12	122119	122119	122119	122119	122119	11 Req'd 122119	11 Req'd 122119
Power Take-off Cover Screw (Short).....	1						121852	121852
Power Take-off Cover Screw LOCKWASHER.....	12	120382	120382	120382	120382	120382	120382	120382
Power Take-off GASKET to Transmission (.005").....	As Req'd		917073		917073		917073	917073
Power Take-off Shear PIN.....	1		915850		915850		915850	915850
Power Take-off KEY.....	2		118000		118000		118000	118000
Power Take-off to Transmission SCREW (Long).....	1						122145	122145
Power Take-off to Transmission SCREW (Short).....	5						120233	120233
Power Take-off to Transmission Stud NUT.....	6		125348		125348			
Power Take-off to Transmission Bolt or Stud LOCKWASHER.....	6		138489		138489		120382	120382
Power Take-off to Transmission Bolt PLAINWASHER.....	1						120394	120394
Power Take-off to Transmission Stud Nut Cotter PIN.....	6		103373		103373			