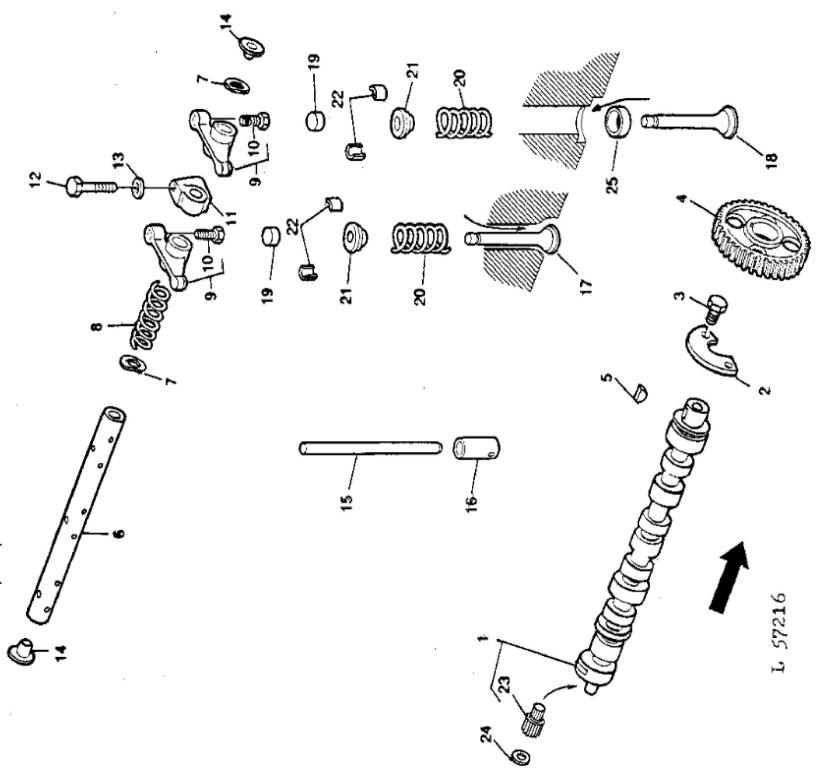


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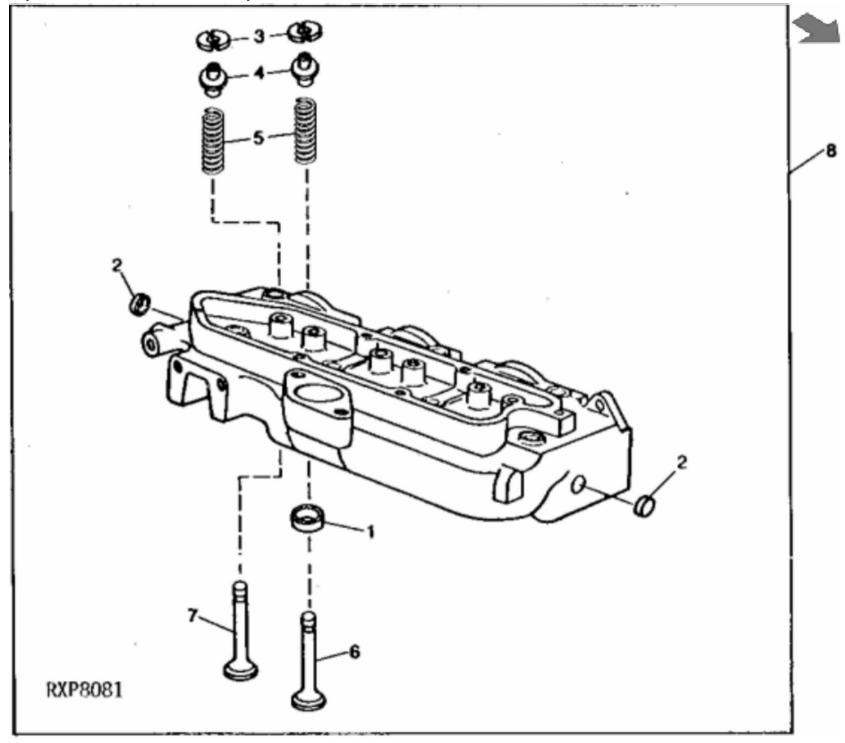
## John Deere > Turf And Utility >TRACTOR >830 - TRACTOR >830 Utility Tractor (North American Version) >20 ENGINE >20-6 - CYLINDER HEAD AND ROCKER ARM COVER [01A21]

John Bedrev Tarry and Carry 1 Total Control of Control						
KEY	PART NO.	PART NAME	QTY	REMARKS		
1	T20074	TUBE	1			
2	R40791	CLAMP	1			
3	24H1685	WASHER	1	11/32" X 47/64" X 0.083"		
4	19H1813	CAP SCREW	1	5/16" X 5/8"		
5	AR45530	SCREW WITH WASHER	6	(SUB AR103811)		
6	AT18016	VALVE COVER	1			
7	T24151	CLAMP	1			
8	R75729	GASKET	1	(SUB FOR T20111 OR AR102261)		
9	N102039	PLUG	2	(SUB FOR A3910R)		
10	AR70582	CYLINDER HEAD	1	(MARKED R58685) (SUB FOR AT21799) (SUB FOR AT21799) (SUB AR70583)		
10	AR70583	CYLINDER HEAD	1	(MARKED R58686) (SUB FOR RE56306 AND R97356)		
11	R98460	ENGINE CYLINDER HEAD GASKET	1	(USE WITH AR70583)		
11	R97356	ENGINE CYLINDER HEAD GASKET	1	(USE WITH AR70582)		
12	T20168	WASHER	14			
13	R53223	CAP SCREW	14			
14	R495R	O-RING	1			



John Deere > Turf And Utility >TRACTOR >830 - TRACTOR >830 Utility Tractor (North American Version) >20 ENGINE >20-8 - CAMSHAFT, VALVES AND ROCKER ARM SHAFT [01A23]

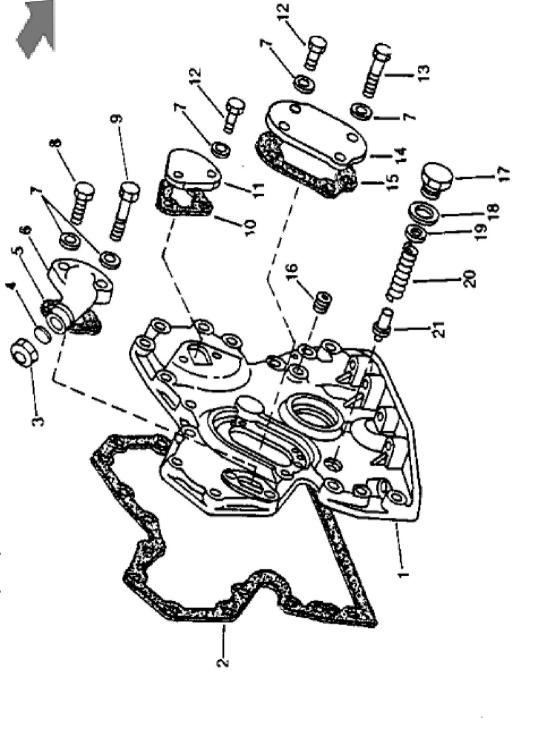
KEY	PART NO.	PART NAME	QTY	REMARKS	
1	AT10050	CANACHAET		(MARKED T20016 OR T20015) (SUB FOR AT18055 OR	
1	AT18053	CAMSHAFT		R81516) (SUB R82819 AND R81513)	
2	T20072	PLATE	1		
3	19H1731	CAP SCREW	2	3/8" X 1"	
4	T20070	HELICAL GEAR	1	(48 TEETH)	
5	T28041	SHAFT KEY	1		
6	T23468	ROCKER ARM SHAFT	1	(SUB DD12119 AND (2) R54565)	
7	T20316	WASHER	2		
8	T20314	SPRING	2		
9	RE19031	ROCKER ARM	6	(SUB FOR AR103769 OR AT31250)	
10		SCREW	6	(ORDER RE19031) (SUB FOR T23521 OR T32213)	
11	T20315	SUPPORT	3		
12	19H1733	CAP SCREW	3	3/8" X 2-1/2"	
13	24M7106	WASHER	3	10 X 18 X 2.500 MM	
14	T23469	PLUG	2	(USE WITH T23468)	
14	R54565	PLUG	2	(USE WITH DD12119)	
15	T20310	PIN	6	(SUB R82896)	
16	T20073	TAPPET	6		
17	R52251	INTAKE VALVE	3	(SUB R79623)	
17	R57332	INTAKE VALVE	3	0.076MM (.003") OVERSIZE STEM, (SUB R79628)	
17	R57334	INTAKE VALVE	3	0.381MM (.015") OVERSIZE STEM, (SUB R79629)	
17	R57336	INTAKE VALVE	3	0.762MM (.030") OVERSIZE STEM, (SUB R79630)	
18	R52252	EXHAUST VALVE	3	(SUB R79624)	
18	R57333	EXHAUST VALVE	3	0.076MM (.003") OVERSIZE STEM, (SUB R79625)	
18	R57335	EXHAUST VALVE	3	0.381MM (.015") OVERSIZE STEM, (SUB R79626)	
18	R57337	EXHAUST VALVE	3	0.762MM (.030") OVERSIZE STEM, (SUB R79627)	
19	T20129	CAP	6		
20	R26125	SPRING	6		
21	T20176	RETAINER	6	(SUB R41412)	
22	T20077	RETAINER	12		
22	T20074	DDIVE CLIAFT	4	SPEED HOUR METER, (USE WITH T20016 OR T20015) (NOT	
23	T20071	DRIVE SHAFT	1	AS ILLUSTRATED)	
23	R81513	DRIVE SHAFT	1	(USE WITH R81516 OR R82819)	
24	T20304	WASHER	1		
25	CD13979	VALVE SEAT INSERT	3		

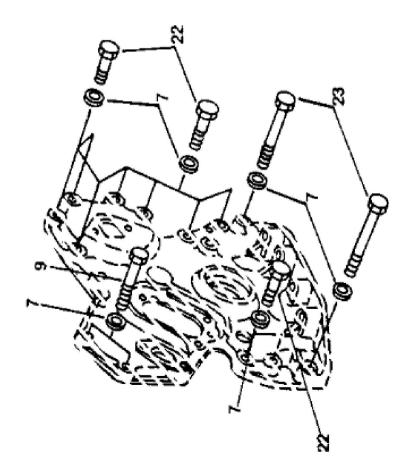


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John Deere > Turf And Utility >TRACTOR >830 - TRACTOR >830 Utility Tractor (North American Version) >20 ENGINE >20-10 - CYLINDER HEAD AND VALVES [01B01]

KEY   PART NO.   PART NAME   QTY   REMARKS     1   R51734   VALVE SEAT INSERT   3     2   CD16284   PLUG   2     3   T20077   RETAINER   12     4   R41412   CAP   6   (SUB FOR T20176)     5   R26125   SPRING   6   SPRING     6   R79624   EXHAUST VALVE   3			, ,			
2 CD16284 PLUG 2 1	KEY	PART NO.	PART NAME	QTY	REMARKS	
3 T20077 RETAINER 12   4 R41412 CAP 6 (SUB FOR T20176)   5 R26125 SPRING 6   6 R79624 EXHAUST VALVE 3   7 R79623 INTAKE VALVE 3	1	R51734	VALVE SEAT INSERT	3		
4 R41412 CAP 6 (SUB FOR T20176)   5 R26125 SPRING 6   6 R79624 EXHAUST VALVE 3   7 R79623 INTAKE VALVE 3	2	CD16284	PLUG	2		
5 R26125 SPRING 6   6 R79624 EXHAUST VALVE 3   7 R79623 INTAKE VALVE 3	3	T20077	RETAINER	12		
6 R79624 EXHAUST VALVE 3   7 R79623 INTAKE VALVE 3	4	R41412	CAP	6	(SUB FOR T20176)	
7 R79623 INTAKE VALVE 3	5	R26125	SPRING	6		
	6	R79624	EXHAUST VALVE	3		
8 RE56306 CYLINDER HEAD 1 (MARKED R58686) (SUB FOR AR70583)	7	R79623	INTAKE VALVE	3		
	8	RE56306	CYLINDER HEAD	1	(MARKED R58686) (SUB FOR AR70583)	

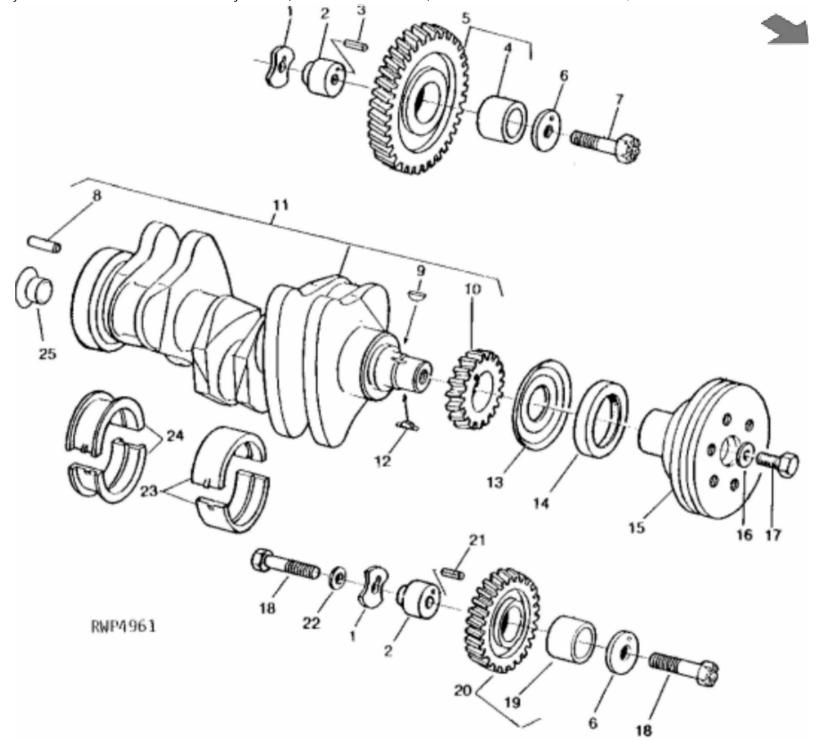




RWP4104

John Deere > Turf And Utility >TRACTOR >830 - TRACTOR >830 Utility Tractor (North American Version) >20 ENGINE >20-12 - TIMING GEAR COVER AND OIL FILLER INLET [01B03]

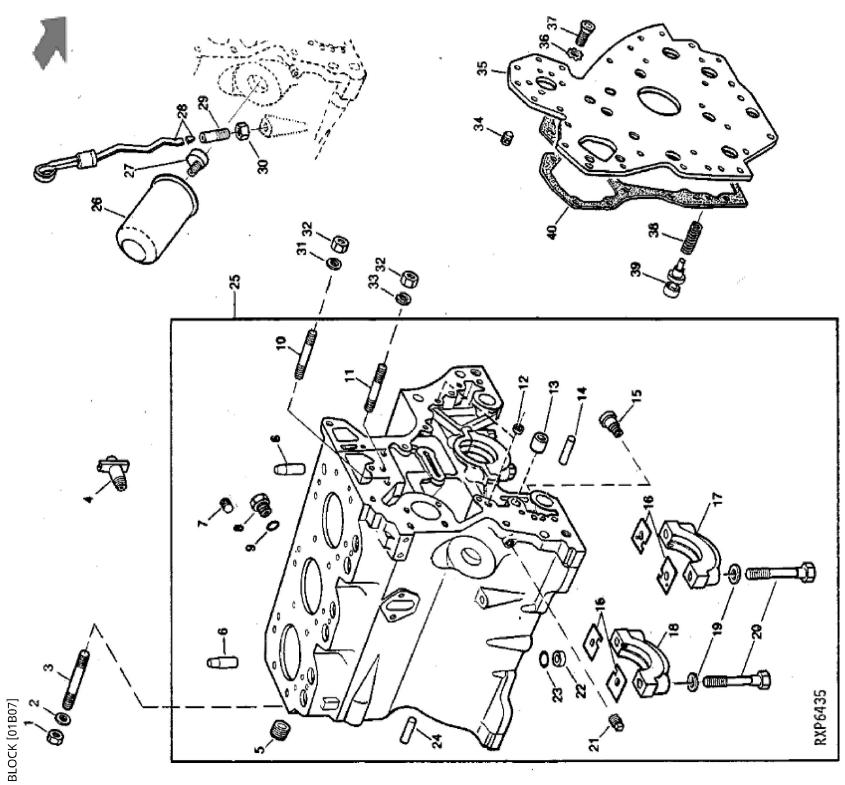
KEY	PART NO.	PART NAME	QTY	REMARKS
1	AR58196	COVER	1	
2	T20155	GASKET	1	
3	T20294	CAP	1	
4	T20328	GASKET	1	
5	T20336	GASKET	1	
6	T23614	FILLER NECK	1	
7	24M7106	WASHER	21	10 X 18 X 2.500 MM
8	19H2665	CAP SCREW	1	3/8" X 1-5/8"
9	19H2128	CAP SCREW	3	3/8" X 3"
10	R69260	GASKET	1	(SUB FOR T20364)
11	T20362	COVER	1	(SUB R126041)
12	19H2284	CAP SCREW	5	3/8" X 7/8"
13	19H1726	CAP SCREW	1	3/8" X 2-1/4"
14	T20272	COVER	1	
15	T20273	GASKET	1	
16	15H275	PIPE PLUG	1	1/4"
17	T27657	FITTING PLUG	1	
18	A4827R	WASHER	1	
19	24H1290	WASHER	AR	21/64" X 3/4" X 0.035"
20	T27658	SPRING	1	
21	R51516	VALVE	1	(SUB R83169)
22	19H1801	CAP SCREW	9	3/8" X 2"
23	19H1733	CAP SCREW	2	3/8" X 2-1/2"



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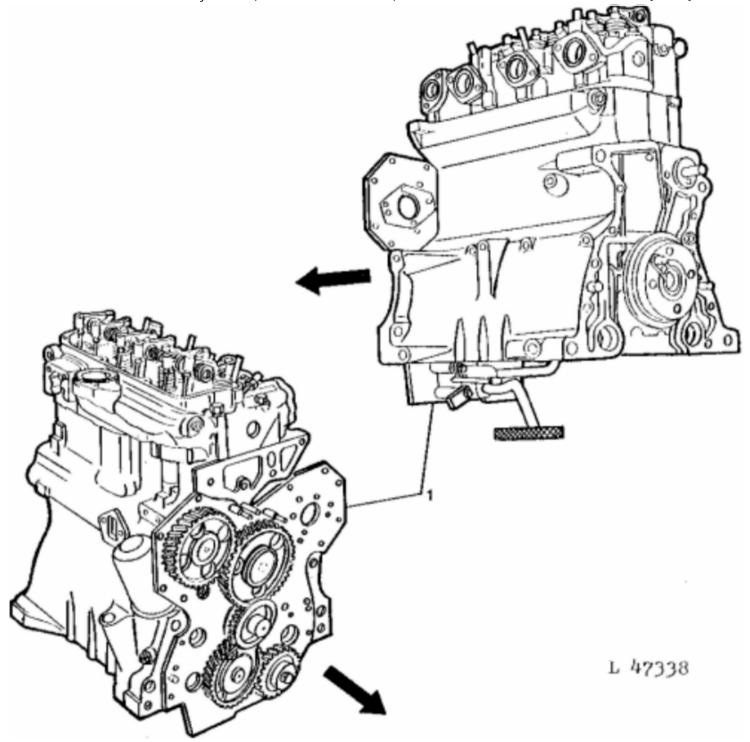
KEY	PART NO.	PART NAME	QTY	REMARKS	
1	T26324	THRUST WASHER	2	INNER	
2	T26323	SHAFT	2	(SUB R109863, P42337 AND 19H3011)	
3	34H283	SPRING PIN	1	3/16" X 1-1/8"	
4	T20034	BUSHING	1		
5	AR91660	GEAR	1	UPPER, (SUB FOR AT18009)	
6	T26326	THRUST WASHER	2	OUTER	
7	T26327	SCREW	1		
8	T26565	DOWEL PIN	1		
9	26H72	SHAFT KEY	1	1/8" X 5/8"	
10	T20094	HELICAL GEAR	1		
11	AT18031	CRANKSHAFT	1		
12	T23604	SHAFT KEY	1		
13	T20046	OIL SLINGER	1		
14	AT21608	SEAL	1	(SUB AR67942)	
15	T25366	PULLEY	1	(SUB R59915)	
16	T20217	WASHER	1		
17	19H1721	CAP SCREW	1	1/2" X 1-1/2"	
18	T26325	SCREW	2		
19	T26321	BUSHING	1		
20	AT24252	GEAR	1	LOWER	
21	34H286	SPRING PIN	1	3/16" X 1-1/2"	
22	24H1890	WASHER	1	19/32" X 1" X 1/4"	
23	AT21140	BEARING	3	STD PLAIN (2 HALVES)	
23	AT21108	BEARING	3	0.05MM (.002") U.S. PLAIN (2 HALVES)	
23	AT21110	BEARING	3	0.25MM (.010") U.S. PLAIN (2 HALVES)	
23	AT21112	BEARING	3	0.51MM (.020") U.S. PLAIN (2 HALVES)	
23	AT21114	BEARING	3	0.76MM (.030") U.S. PLAIN (2 HALVES)	
24	AT21139	BEARING	1	STD (2 HALVES)	
24	AT21130	BEARING	1	0.05MM (.002") U.S. (2 HALVES)	
24	AT21132	BEARING	1	0.25MM (.010") U.S. (2 HALVES)	
24	AT21134	BEARING	1	0.51MM (.020") U.S. (2 HALVES)	
24	AT21136	BEARING	1	0.76MM (.030") U.S (2 HALVES)	
25	T20445	PLUG	1		



John Deere > Turf And Utility >TRACTOR >830 - TRACTOR >830 Utility Tractor (North American Version) >20 ENGINE >20-16 - CYLINDER BLOCK [01B07]

KEY	PART NO.	PART NAME	QTY	Engine Serial No.	REMARKS	
1	14H1039	NUT	1		5/8"	
2	R70268	WASHER	1		(SUB FOR R42363)	
3	R53790	STUD	1		(SUB L29854)	
4	AT13740	DRAIN VALVE	1			
4	15H562	PIPE PLUG	1		1"	
5	15H690	PIPE PLUG	1		3/4"	
6	R48685	DOWEL PIN	2			
7	15H275	PIPE PLUG	1		1/4"	
8	R39741	DRAIN PLUG	1			
9	U13639	O-RING	1			
10	T33279	STUD	2			
11	T25701	STUD	1			
12	T18891	PLUG	2	XXXXXX		
12	T18891	PLUG	1	XXXXXX		
13	R26493	BUSHING	1			
14	R26650	DOWEL PIN	2			
15	R54802	ORIFICE	3			
16	T23670	SHIM	AR		0.076MM (.003") (NO LONGER AVAILABLE)	
16	T23671	SHIM	AR		0.05MM (.002") (NO LONGER AVAILABLE)	
17	R65215	BEARING CAP	3		(SUB FOR AT21226 OR AR82294)	
18	R79089	CAP	1		(SUB FOR AT21227 OR AR82295)	
19	T20168	WASHER	8			
20	T23474	CAP SCREW	8			
21	15H666	PIPE PLUG	1			
22	R75893	FITTING	1			
23	R75892	O-RING	1			
24	R48685	DOWEL PIN	2			
25	AR64721	CYLINDER BLOCK	1	XXXXXX	(MARKED R55100) (SUB AR97025, R46625, R73139 AND R90648)	
25	AR97025	CYLINDER BLOCK	1	XXXXXX	(MARKED R72967)	
26	T19044	OIL FILTER	1			
27	T23435	THREADED NIPPLE	1			
28	AT21534	DIPSTICK	1			
29	R55299	DIPSTICK TUBE	1			

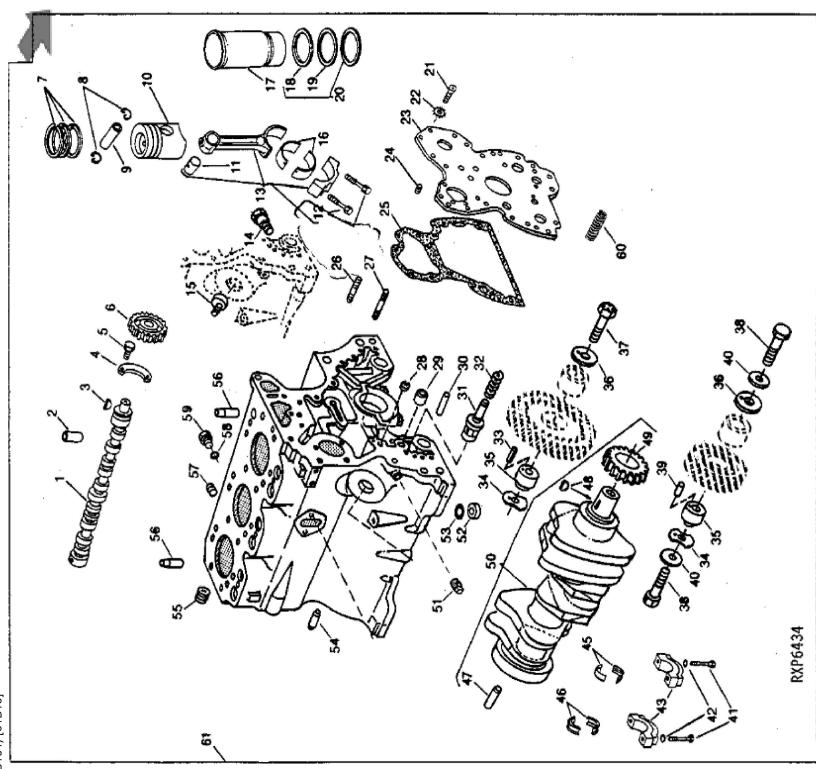
KEY	PART NO.	PART NAME	QTY	Engine Serial	REMARKS
				No.	
29	R10093	O-RING	1		
30	14H826	NUT	1		1/2"
31	24M7096	WASHER	2		10.500 X 18 X 1.600 MM
32	14H1076	NUT	4		3/8"
33	12H304	LOCK WASHER	3		3/8"
34	AT21191	SET SCREW	5		
34	AT22919	SET SCREW	2		
35	R56736	PLATE	1		(ALSO ORDER (5) AT21191 AND (2) AT22919) (SUB FOR T20295)
36	12H324	WASHER	5		3/8"
37	T20166	SCREW	5		
38	R46625	SPRING	1	XXXXXX	
39	R73139	FLOW CONTROL HYD. VALVE	1	XXXXXX	
40	R90648	GASKET	1		(SUB FOR T24965 OR R73140) (SUB R131794)



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KEY	PART NO.	PART NAME	QTY	REMARKS	
1	AR97032	SHORT BLOCK ASSEMBLY	1	(SUB FOR AR64728) (SUB RE19842 AND R81513)	



John Deere > Turf And Utility >TRACTOR >830 - TRACTOR >830 Utility Tractor (North American Version) >20 ENGINE >20-20 - SHORT BLOCK (3164) [01B10]

4	PART NO.	PART NAME	QTY	REMARKS	
1	R82819	CAMSHAFT	1		
2	T20073	TAPPET	6		
3	T28041	SHAFT KEY	1		
4	T20072	PLATE	1		
5	19H218	CAP SCREW	2		
6	T20070	HELICAL GEAR	1		
7	AR55760	PISTON RING KIT	3		
8	M41029	SNAP RING	6		
9	R125754	PISTON PIN	3	(SUB FOR R51731)	
10	AR77762	PISTON	3		
11	R55647	BUSHING	3		
12	R80033	CAP SCREW	6		
13	RE21076	PITMAN	3		
14	R54802	ORIFICE	3		
15	T23435	THREADED NIPPLE	1		
16	AT21138	BEARING	3		
17	T32343	CYLINDER LINER	3		
18	R48768	WASHER	3		
19	T32344	O-RING	3		
20	AR71618	HYDRAULIC CYLINDER KIT	3		
21	T20166	SCREW	5		
22	12H324	WASHER	5	3/8"	
23	RE16149	PLATE	1		
24	AT21191	SET SCREW	8		
24	AT22919	SET SCREW	2		
25	R90648	GASKET	1	(SUB R131794)	
26	T25701	STUD	1		
27	T33279	STUD	2		
28	T18891	PLUG	1		
29	R26493	BUSHING	1		
30	R26650	DOWEL PIN	1		
31	R73139	FLOW CONTROL HYD. VALVE	1		
32	R46625	SPRING	1		
33	34H283	SPRING PIN	1	3/16" X 1-1/8"	
34	T26324	THRUST WASHER	2		

KEY	PART NO.	PART NAME	QTY	REMARKS	
35	T26323	SHAFT	2		
36	T26326	THRUST WASHER	2		
37	T26327	SCREW	1	1/2" X 2-1/4"	
38	T26325	SCREW	2	9/16" X 3/4"	
39	34H286	SPRING PIN	1	3/16" X 1-1/2"	
40	R76126	WASHER	2		
41	T23474	CAP SCREW	8		
42	T20168	WASHER	8		
43	R79089	CAP	1		1
44	R65215	BEARING CAP	3		
45	AT21140	BEARING	3		
46	AT21139	BEARING	1		
47	T26565	DOWEL PIN	1		
48	26H72	SHAFT KEY	1	1/8" X 5/8"	
49	T20094	HELICAL GEAR	1		
50	AT18031	CRANKSHAFT	1	(MARKED T23516)	
51	15H666	PIPE PLUG	1	3/8"	
52	R75893	FITTING	1		
53	R75892	O-RING	1		
54	R48685	DOWEL PIN	1		
55	15H562	PIPE PLUG	1	1"	
56	R48685	DOWEL PIN	2		
57	15H275	PIPE PLUG	1	1/4"	
58	U13639	O-RING	1		
59	R39741	DRAIN PLUG	1		
60	T27658	SPRING	1		

1

SHORT BLOCK ASSEMBLY

61

RE19842

(MARKED R80408) (ALSO ORDER R81513)

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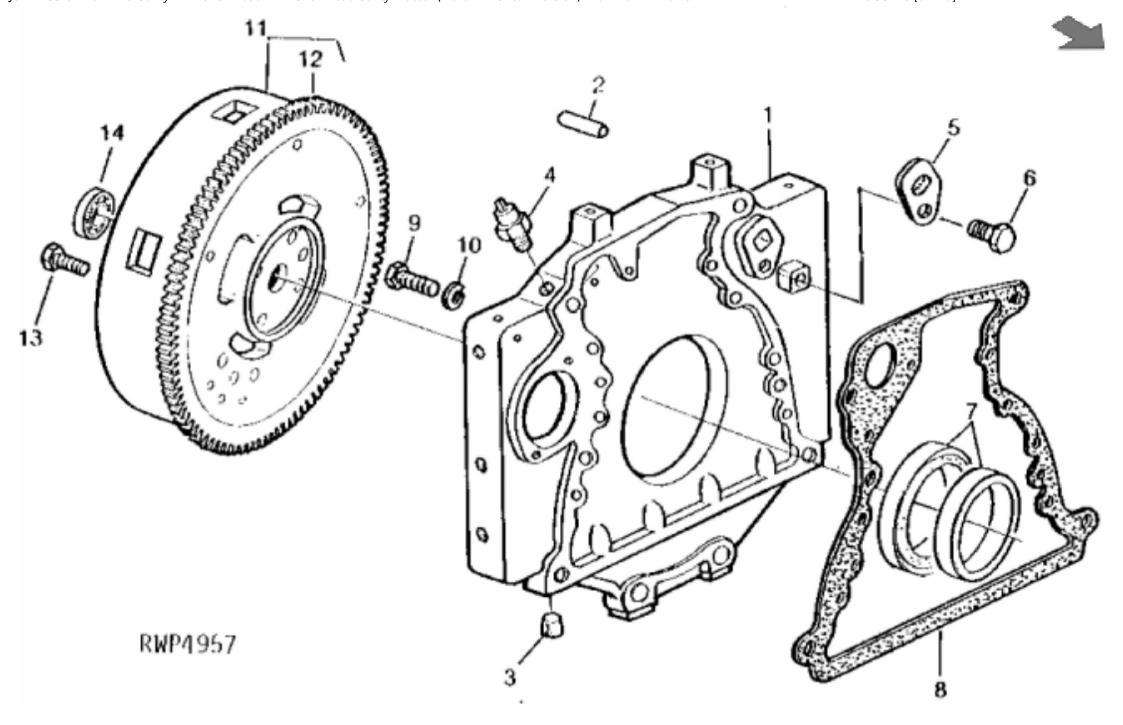


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John Deere > Turf And Utility >TRACTOR >830 - TRACTOR >830 Utility Tractor (North American Version) >20 ENGINE >20-22 - OIL PAN [01B12]

John Beere Fran And Guilty Fractor (North American Version) 220 ENGINE 220 22 GIETAN [GTB12]						
KEY	PART NO.	PART NAME	QTY	REMARKS		
1	T24534	GASKET	1			
2	AT18180	OIL PAN	1			
2	15H624	PIPE PLUG	1	1/2"		
3	T30726	STRAP	24			
4	12H304	LOCK WASHER	24	3/8"		
5	19H1732	CAP SCREW	3	3/8" X 1-1/4"		
6	19H1801	CAP SCREW	1	3/8" X 2"		
7	19H1732	CAP SCREW	2	3/8" X 1-1/4"		
8	T13213	WASHER	1			
9	T20098	DRAIN PLUG	1			
10	19H1936	CAP SCREW	18	3/8" X 3/4"		



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