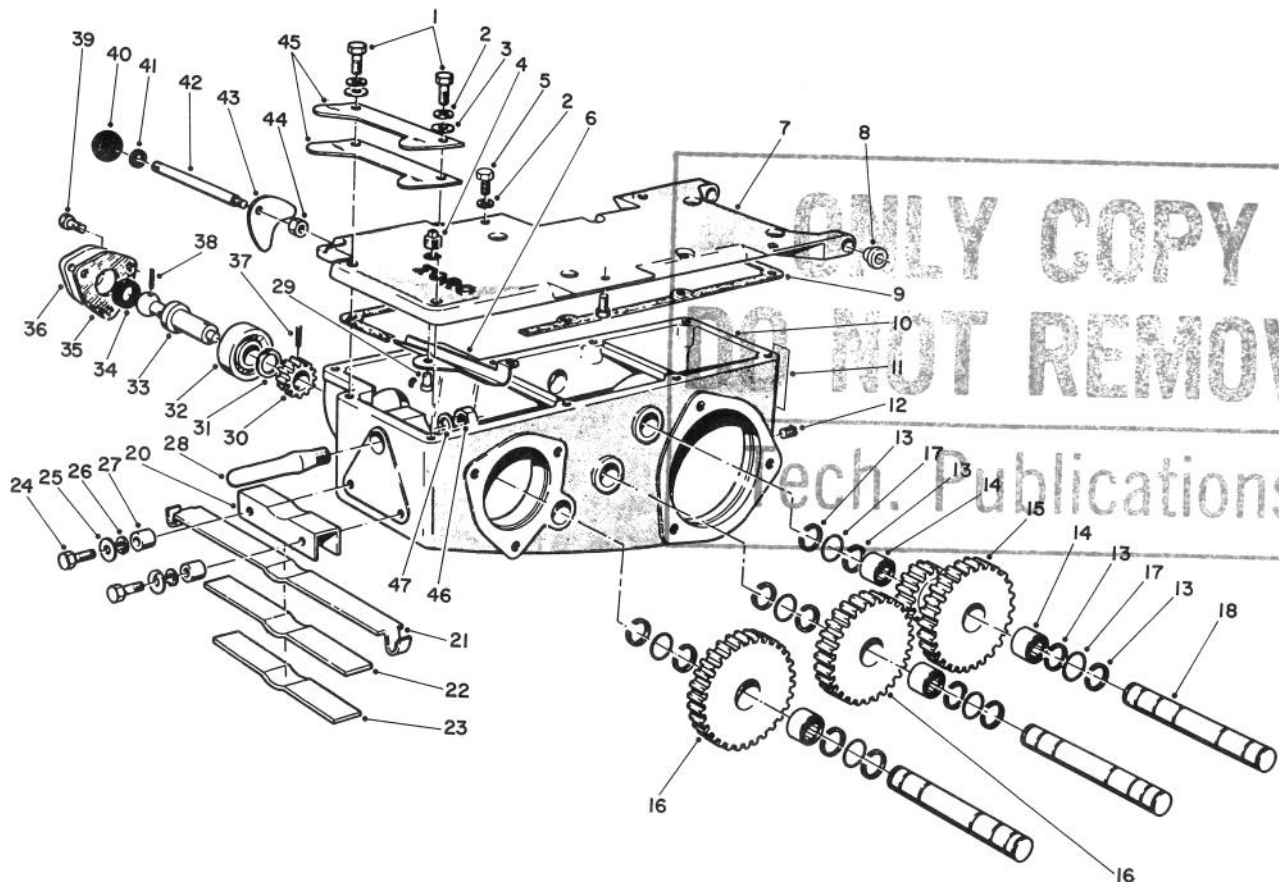


TORO®

MODEL NO. 04129-30001 & UP

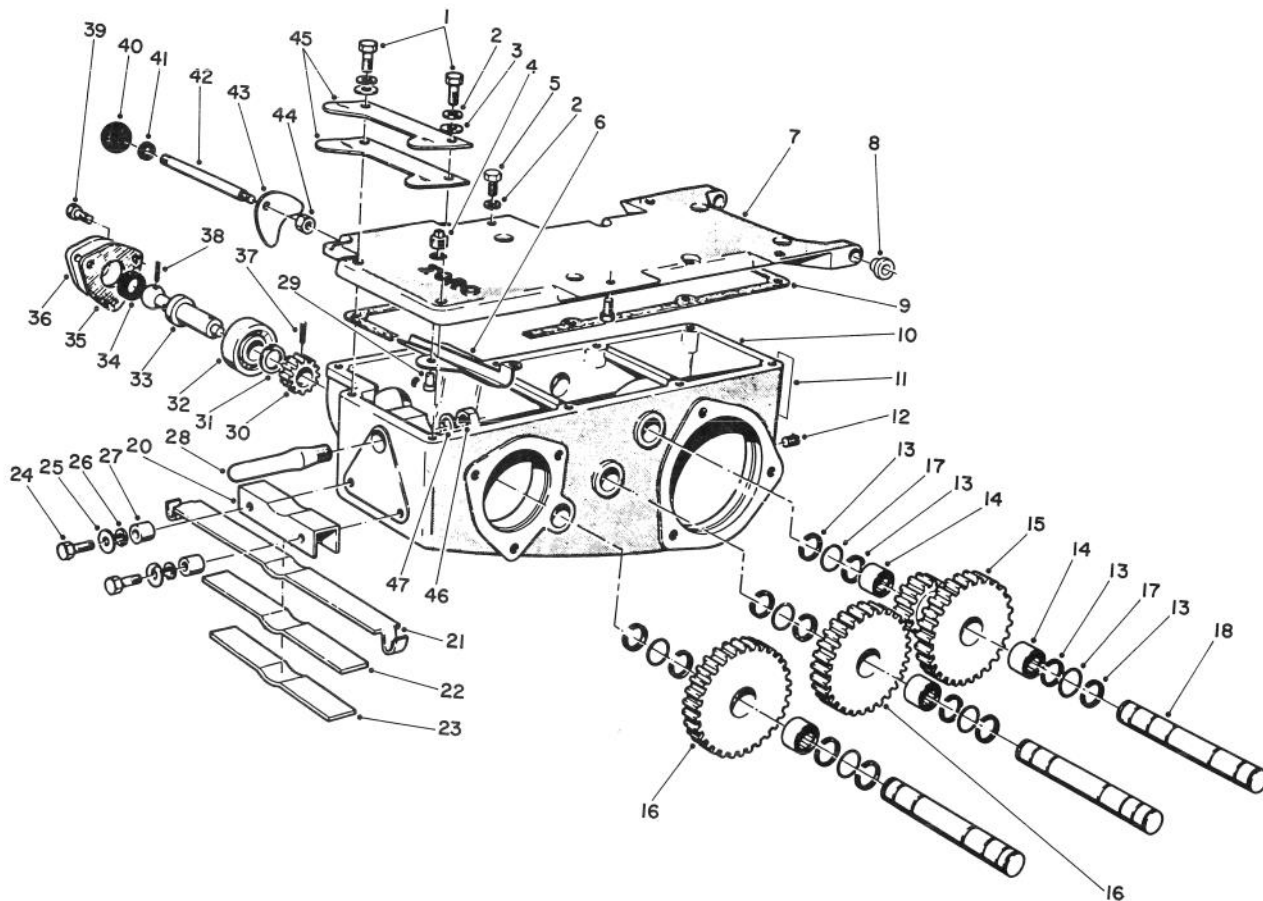
**PARTS
CATALOG****GREENSMASTER® 500**
Traction Unit & Cutting Unit

T-1572

TRANSMISSION CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321-11	Screw - Cap Hex. Hd.	2
2	3253-3	Washer - Lock	10
3	3256-2	Washer - Flat	2
4	281-3	Plug - Sq. Hd. Pipe	1
5	321-8	Screw - Cap Hex. Hd.	8
6	3-1716	Trough - Oil	1
7	88-8980	Transmission Cover Assy. (Incl. Ref. #6, 29, 41 & 8)	1
8	3-1776	Grommet	2
9	3-0485	Gasket	1
10	3-4371	Case - Transmission	1
11	3-1553	Decal - Oil Level	1
12	281-1	Plug - Pipe	1
13	32120-63	Ring - Retaining	12
14	252-49	Bearing	4
15	3-0457	Gear - Intermediate	1

Ref. No.	Part No.	Description	No. Used
16	3-0456	Gear - Idler	2
17	237-22	Seal - O-Ring	6
18	3-0455	Shaft - Idler	3
20	92-4992	Bracket - Spring	1
21	92-4995	Leaf - Main	1
22	3-2078	Leaf - Center	1
23	3-2075	Leaf - Lower	1
24	322-8	Screw - Cap Hex. Hd.	2
25	3256-23	Washer	2
26	3254-2	Washer	2
27	3-2074	Spacer	2
28	3-2154	Yoke - Pivot	1
29	3295-2	Rivet	2
30	3-0592	Clutch - Male	1
31	3-4494	Washer - Thrust	1
32	251-163	Bearing - Ball	1

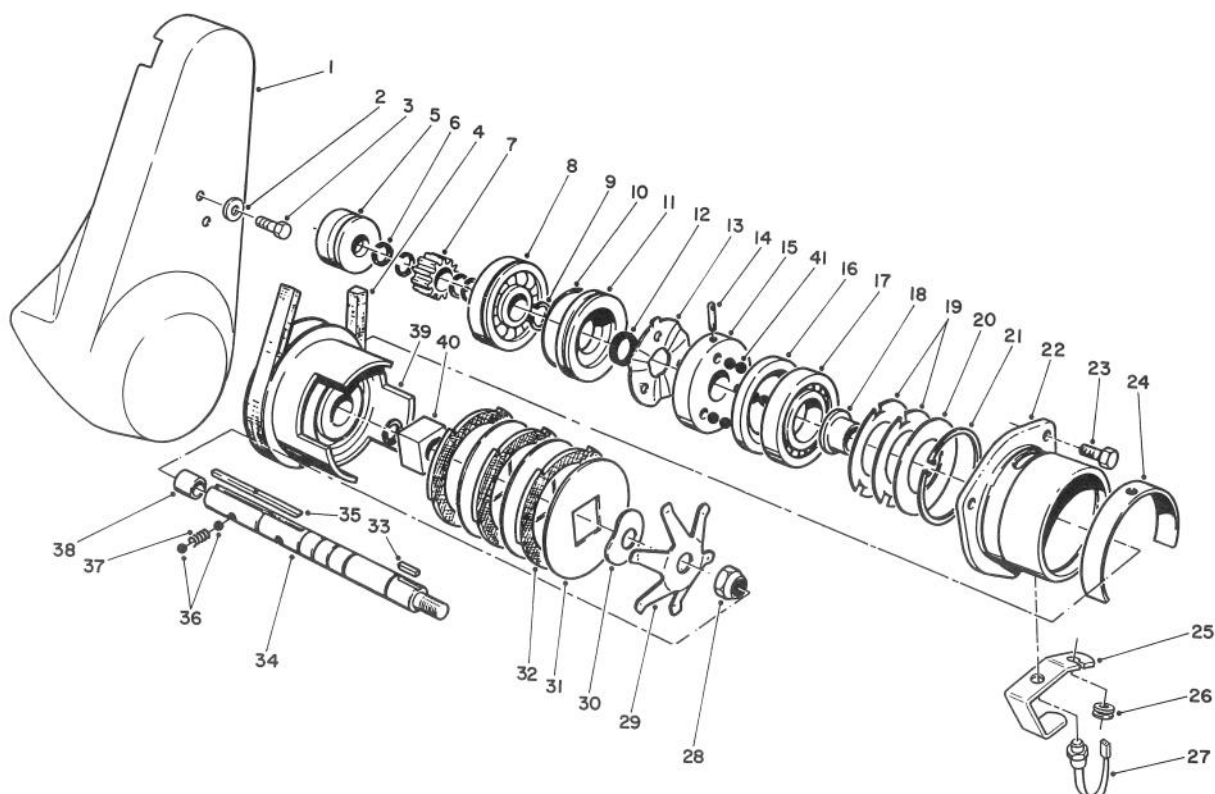


T-1572

TRANSMISSION CASE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
33	2-4779	Universal Driver (Incl. Ref. #38)	1
34	253-59	Seal - Oil	1
35	3-2072	Gasket	1
36	3-2068	Cover - Bearing	1
37	32121-4	Pin - Roll	1
38	32121-25	Pin - Roll	1
39	32140-40	Screw	3

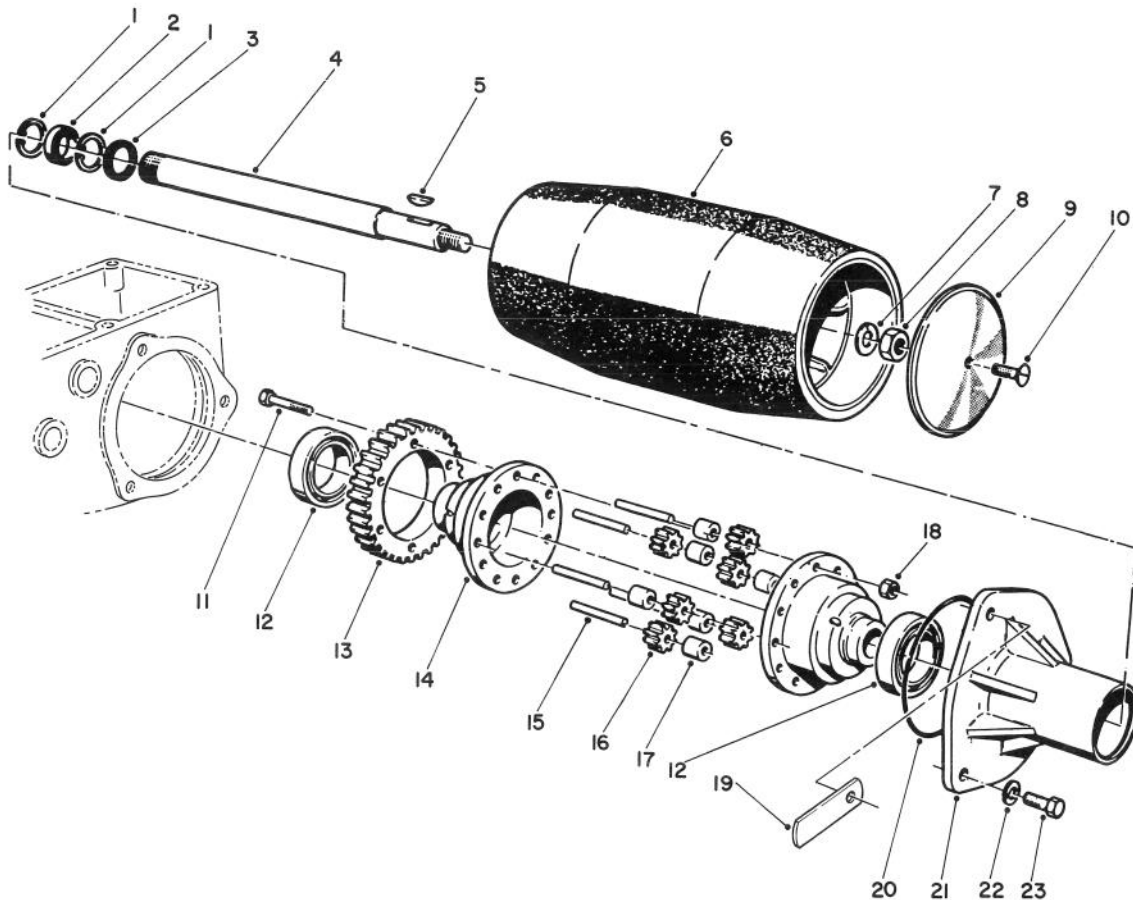
Ref. No.	Part No.	Description	No. Used
40	3-0631	Grip - Ball	1
41	253-88	Seal - Oil	1
42	3-0486	Rod - Reel Clutch	1
43	3-0488	Fork - Shift	1
44	32152-5	Nut - Lock	1
45	3-1830	Spring - Stabilizer	2
46	3296-28	Nut - Lock	1
47	3256-26	Washer	1



T-1573

CLUTCH SHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	88-8740	Guard - Belt	1	22	88-8830	Housing - Clutch	1
2	3253-3	Washer - Lock	2	23	3289-4	Screw	3
3	32144-3	Screw	2	24	88-8810	Cover - Clutch	1
4	3-2251	Belt	1	25	88-8720	Bracket - Switch Guard	1
5	3-0465	Clutch - Female	1	26	88-8970	Grommet	1
6	32120-64	Ring - Retaining	6	27	72-4310	Switch	1
7	88-8700	Pinion - Drive	1	28	3296-6	Nut - Lock	1
8	251-139	Ball Bearing Assembly (Incl. Ref. #9)	1	29	3-0478	Spring - Clutch	1
9	251-149	Ring - Retaining	1	30	3290-211	Washer - Spring	1
10	237-38	Seal - O-Ring	1	31	3-0477	Plate - Clutch	3
11	3-1545	Spacer - Clutch	1	32	3-0514	Disc - Friction	3
12	253-83	Seal - Oil	1	33	3-6801	Key	1
13	3-0467	Cam - Clutch	1	34	1-9119	Clutch Shaft Assembly (Incl. Ref. #38)	1
14	3-0475	Pin - Clutch	1	35	88-8730	Key	1
15	88-8800	Actuator - Clutch	1	36	255-5	Ball	2
16	3-0471	Plate - Backing	1	37	3-0460	Spring - Detent	1
17	251-140	Bearing - Ball	1	38	256-112	Bushing - Sleeve	1
18	3-4066	Bushing - Flange	1	39	3-0480	Pulley - Clutch	1
19	3290-264	Washer - Wave	2	40	3-0472	Driver - Clutch	1
20	3-0481	Washer - Clutch	1	41	255-8	Ball	6
21	32120-65	Ring - Retaining	1				

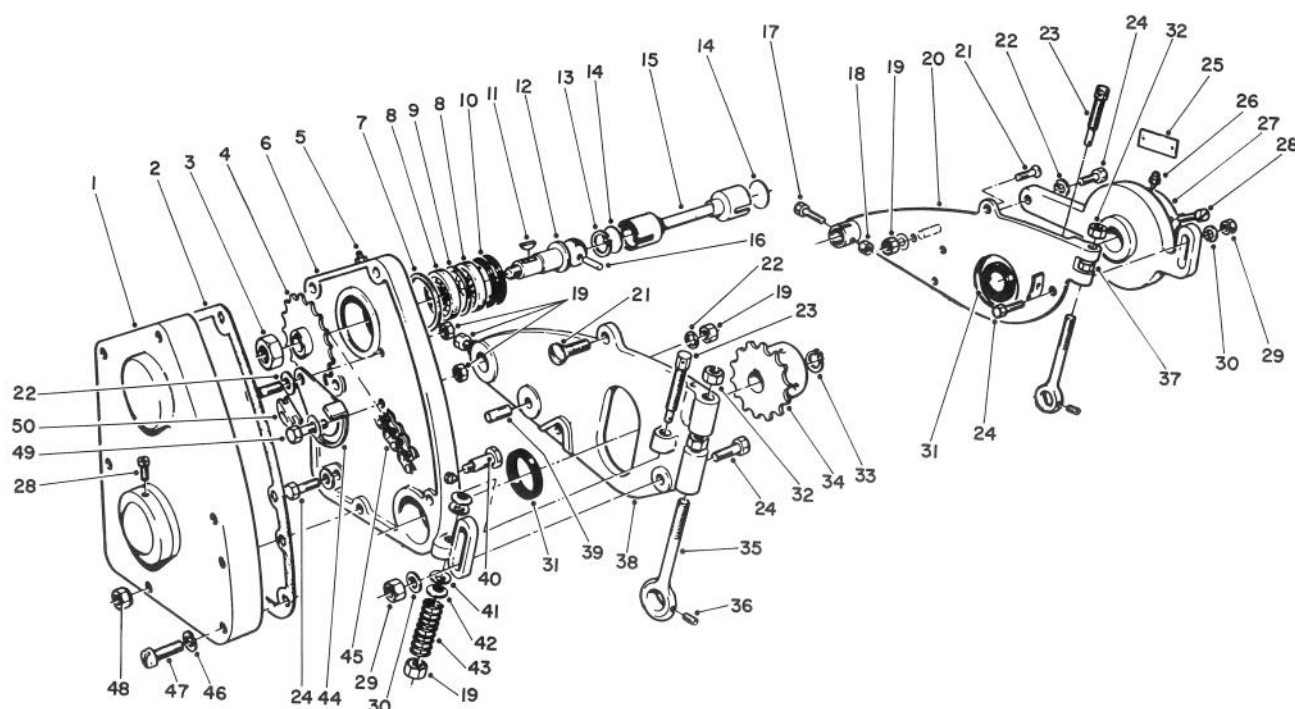


T-1574

DRUM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32120-62	Ring - Retaining	4
2	251-137	Bearing - Ball	2
3	253-82	Seal - Oil	2
4	3-8392	Axle	2
5	3257-23	Key - Hi-Pro	2
6	3-0492	Drum	2
7	3256-26	Washer	2
8	3296-19	Nut - Lock	2
9	3-8347	Cap - Hub	2
10	32108-50	Screw	2
11	3273-23	Screw - Hex. Socket Hd.	6
12	251-138	Bearing - Ball	2

Ref. No.	Part No.	Description	No. Used
13	3-0454	Gear - Ring	1
14	3-0450	Carrier - Differential	2
15	3-0452	Shaft	6
16	3-0453	Spacer	6
17	3-3858	Gear - Differential	6
18	3296-27	Nut - Lock	6
19	88-8710	Retainer - Wire Harness	1
20	237-33	Seal - O-Ring	2
21	3-0596	Housing - Axle	2
22	3253-4	Washer - Lock	6
23	322-4	Screw - Cap Hex. Hd.	6



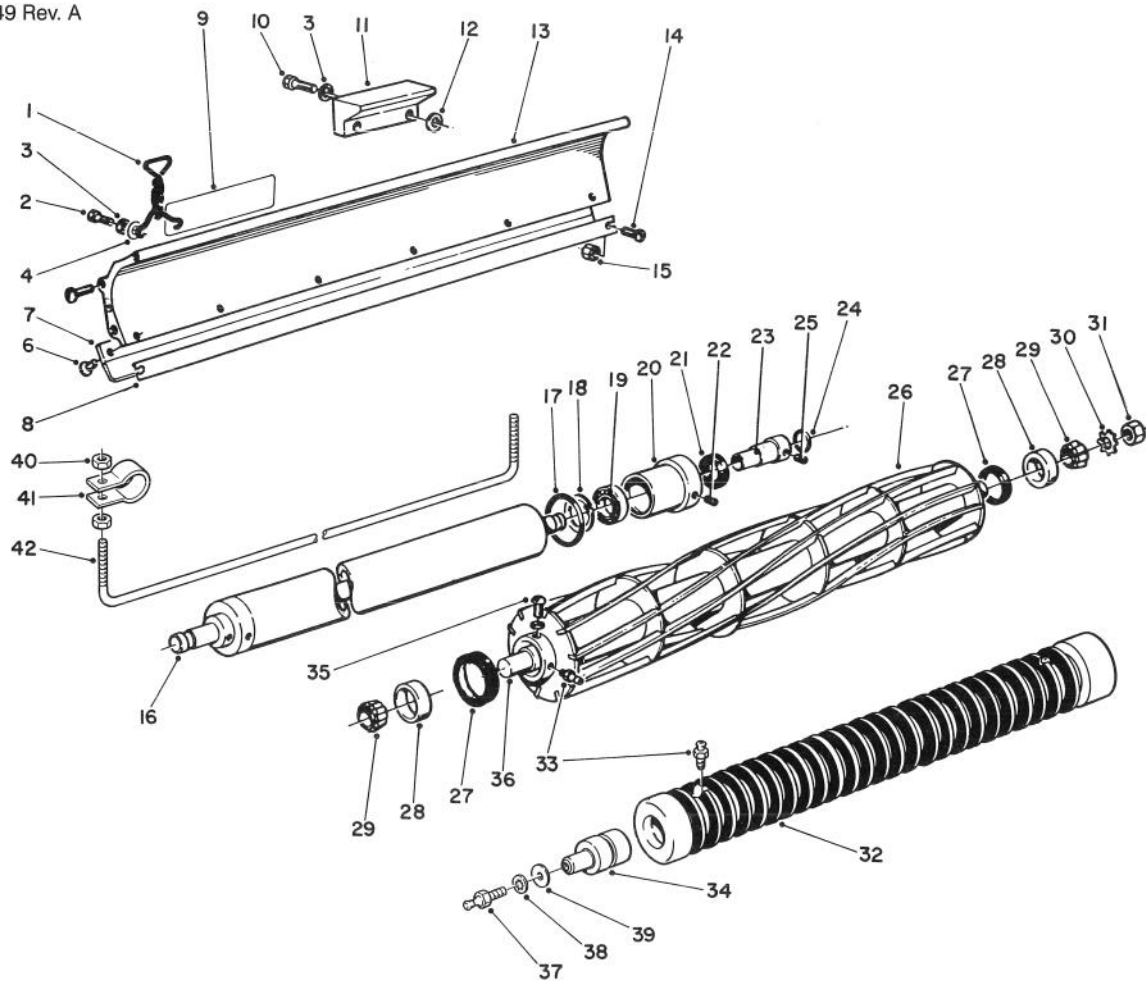
T-1575

REEL FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3-2964	Cover	1
2	92-4991	Gasket	1
3	3296-33	Nut - Lock	1
4	88-8930	Sprocket	1
5	302-5	Fitting - Grease	2
6	3-5786	Bracket - Reel RH	1
7	32120-42	Ring - Retaining	1
8	251-6	Bearing - Ball	2
9	3-3428	Washer	1
10	253-59	Seal - Oil	2
11	3-2804	Key	1
12	2-0039	Universal Driver Assembly (Incl. Ref. #16)	1
13	32120-69	Ring - Retaining	1
14	3-1852	Pad	2
15	3-0584	Shaft - Universal	1
16	32121-25	Pin - Roll	1
17	321-9	Screw - Cap Hex. Hd.	2
18	32153-4	Nut - Lock	2
19	3296-13	Nut - Lock	6
20	3-5783	Plate - Side LH	1
21	3290-141	Screw	6
22	3256-22	Washer	4
23	3-5793	Screw	2
24	329-13	Screw	4
25	3-3964	Decal	1

Ref. No.	Part No.	Description	No. Used
26	302-14	Relief - Pressure	2
27	3-6524	Bracket - Reel LH	1
28	3274-26	Screw - Set	2
29	3296-3	Nut	2
30	3-5792	Washer	2
31	253-92	Seal - Oil	2
32	3296-45	Nut	2
33	32151-12	Ring - Retaining	1
34	3-5802	Sprocket	1
35	3-5785	Screw - Adjusting	2
36	3245-7	Screw - Set	2
37	3217-9	Nut	2
38	3-5784	Plate - Side RH	1
39	3-5797	Spacer	2
40	3-3553	Bolt - Special	2
41	3-0566	Washer - Concave	4
42	3-0565	Washer - Convex	4
43	3-5787	Spring	2
44	3-0463	Arm - Idler	1
45	88-8920	Chain	1
46	3253-17	Washer - Lock	5
47	32105-5	Screw - Machine	5
48	3-3554	Nut - Special	2
49	329-3	Screw - Cap Hex. Hd.	2
50	3-0554	Shoe - Chain Idler	1
*	2710-31	Connecting Link Assembly	1

*Not Illustrated

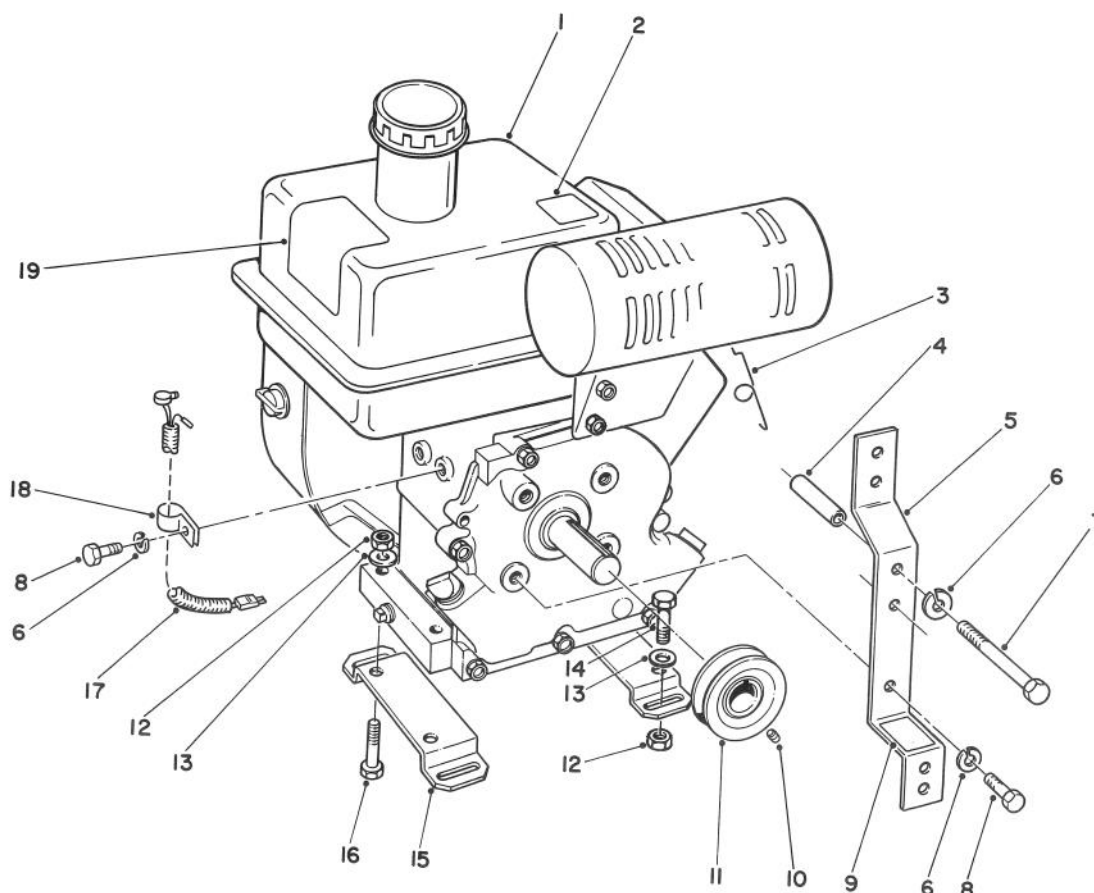


T-1576

BEDKNIFE & REEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-4994	Chain - Reel Lift	2
2	321-2	Screw - Cap Hex. Hd.	4
3	3253-3	Washer - Lock	6
4	3-0988	Bail - Lift	2
6	57-4910	Screw - Bedknife	6
7	88-9000	Bedknife - Tournament	1
*	88-8990	Bedknife	1
8	3-2057	Shield - Grass	1
9	67-7960	Decal - Warning	1
10	321-8	Screw	2
11	3-4981	Weight	1
12	3256-22	Washer	4
13	3-0601	Guard	1
14	3258-61	Screw - Machine	2
15	3296-13	Nut - Lock	2
16	5-0536	Shaft - Roller	1
17	237-68	Seal - O-Ring	2
18	32151-13	Ring - Retaining	2
19	251-205	Bearing	2
20	5-1384	Housing - Bearing	2
21	253-118	Seal - Oil	2
22	285-17	Plug - Pipe	2
23	11-3050	Sleeve	2
24	237-69	Seal - O-Ring	2

Ref. No.	Part No.	Description	No. Used
25	3245-35	Screw - Set	2
26	4-2219	Reel Assembly	1
27	253-120	Seal - Oil	2
28	254-67	Cup - Bearing	2
29	254-68	Cone - Bearing	2
30	254-87	Washer - Lock	1
31	254-86	Nut - Lock	1
32	88-8900	Wiehle Roller Assembly (Incl. Ref. #33, 34 & 37-39)	1
33	302-5	Fitting - Grease	5
34	88-8890	Bearing	2
35	3274-29	Screw	4
36	5-1393	Shaft - Reel	1
37	2411-7	Stud - Ball	2
38	3254-6	Washer - Lock	2
39	3256-24	Washer - Flat	2
40	32149-2	Nut - Keps	4
41	88-9010	Bracket - Scraper	2
42	88-9020	Rod - Scraper	1
*	4-1539	Roller Assembly (Incl. Ref. #16-24)	1
*	14-6889	Cutting Unit Assy. Complete	1

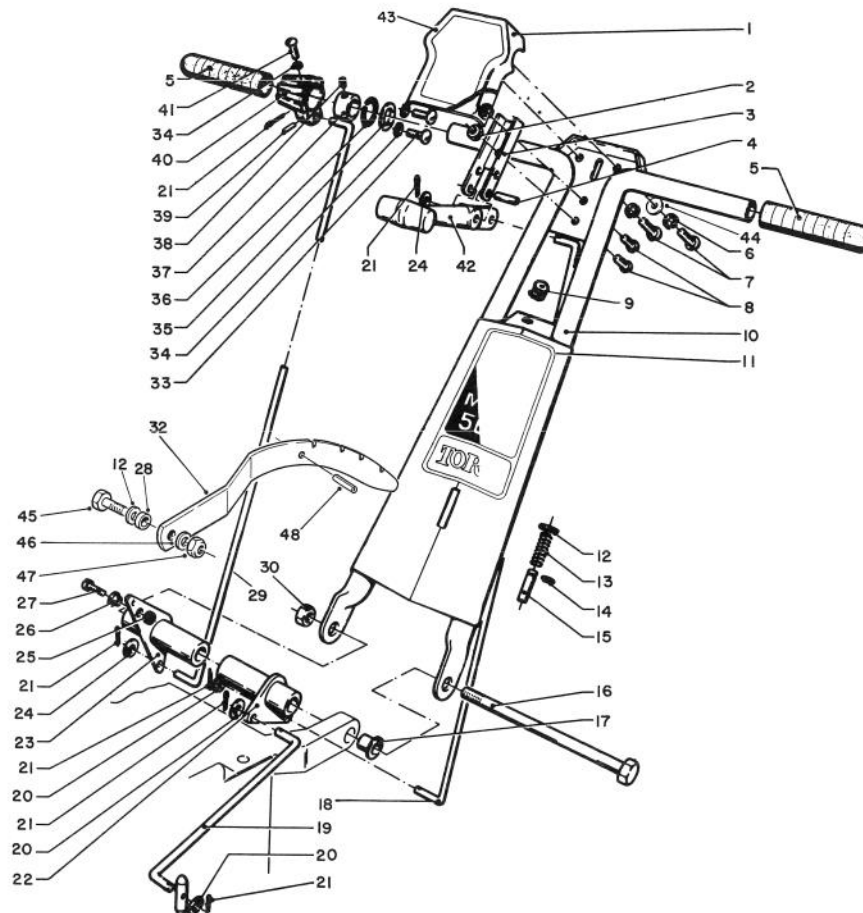


T-1577

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1		Engine Assembly Kawasaki Model FE120D-AS02	1
2	63-8440	Decal - Hot Surface	1
3	88-8690	Wire - Throttle	1
4	88-8670	Spacer - Pivot	1
5	88-8660	Bracket - Pivot	1
6	3253-31	Washer - Lock	4
7	66-3160	Screw - Cap Hex. Hd.	1
8	42-9310	Screw - Cap Hex. Hd.	3
9	88-8940	Decal - Warning	1

Ref. No.	Part No.	Description	No. Used
10	3245-32	Screw - Set	1
11	244-58	Pulley	1
12	32153-3	Nut - Lock	8
13	3256-23	Washer - Flat	8
14	322-5	Screw - Cap Hex. Hd.	4
15	88-8650	Mount - Engine	2
16	322-17	Screw - Cap Hex. Hd.	4
17	88-8870	Harness - Wire	1
18	2412-93	Clamp - R	1
19	88-7620	Decal - Fuel	1

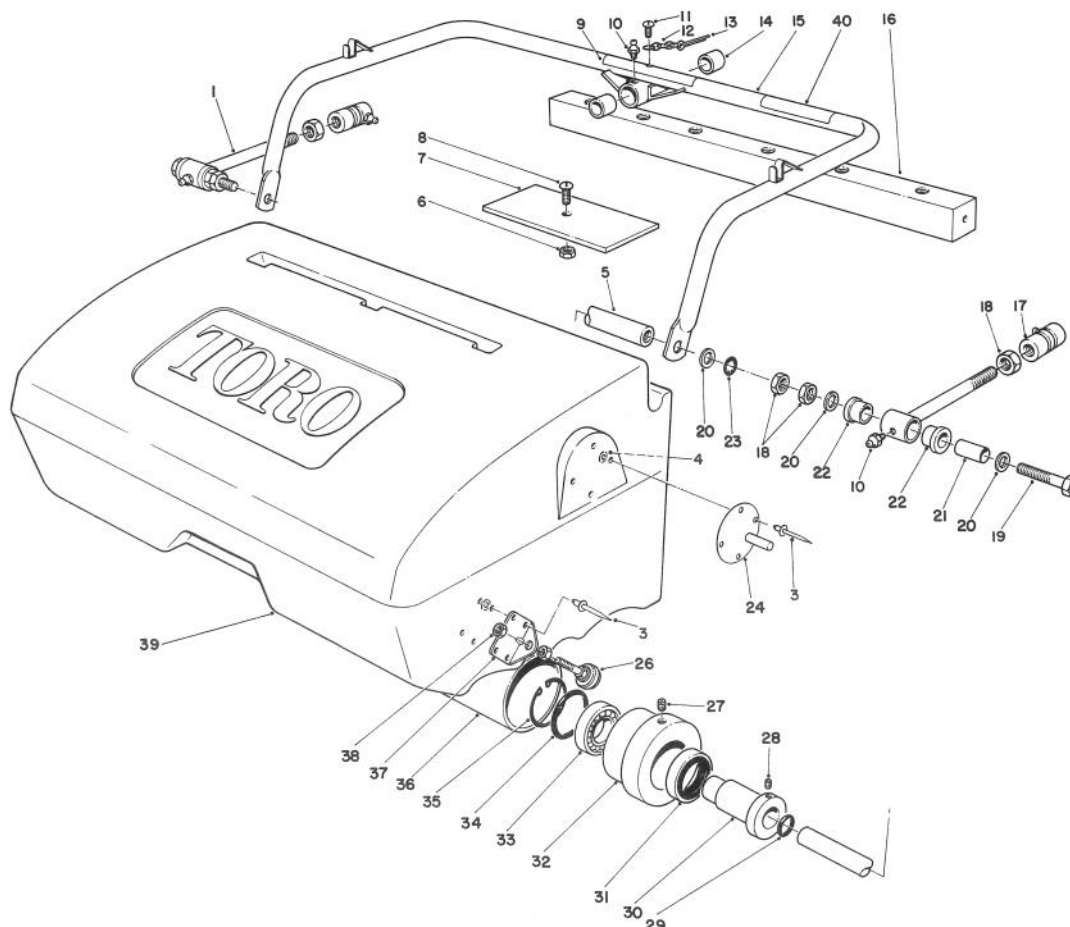


T-0465B

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3-0508	Plate - Cover	1
2	3296-27	Nut - Lock	2
3	3-0517	Bracket	1
4	32121-4	Pin - Roll	1
5	49-8110	Grip - Handle	2
6	3253-17	Washer - Lock	2
7	3251-4	Screw	2
8	3291-5	Screw	2
9	237-73	Grommet	2
10	5-9700	Handle	1
11	88-8940	Decal - Greensmaster 500	1
12	3256-23	Washer	2
13	5-0776	Spring - Handle Adjustment	1
14	32120-35	Ring - Retaining	1
15	5-0765	Pin - Handle Adjustment	1
16	323-30	Screw	1
17	3-1776	Grommet	2
18	3-3422	Rod - Clutch Control	1
19	88-8820	Rod - Clutch	1
20	3256-14	Washer	4
21	3272-1	Pin - Cotter	6
22	3-0525	Crank - Bell LH	1
23	88-8780	Crank - Bell RH	1
24	3256-22	Washer	2

Ref. No.	Part No.	Description	No. Used
25	3296-1	Nut - Lock	1
26	3-0526	Retainer - Throttle Wire	1
27	3250-4	Screw	1
28	88-9080	Spacer	1
29	3-3418	Rod - Throttle Control	1
30	32153-2	Nut - Lock	1
32	88-8680	Bar - Handle Adjustment	1
33	3249-3	Screw	2
34	3254-9	Washer - Lock	3
35	3-3423	Washer	1
36	32120-74	Ring - Retaining	1
37	3-3421	Collar	1
38	3245-2	Screw - Set	1
39	32121-7	Pin - Roll	1
40	3-3417	Control - Throttle	1
41	3290-130	Screw	1
42	3-0516	Lever - Clutch Control	1
43	88-8960	Decal - Clutch Lever	1
44	3256-49	Washer - Flat	2
45	322-16	Screw - Cap Hex. Hd.	1
46	3-3287	Spacer - Rubber	1
47	3296-29	Nut - Lock	1
48	32121-11	Pin - Roll	1



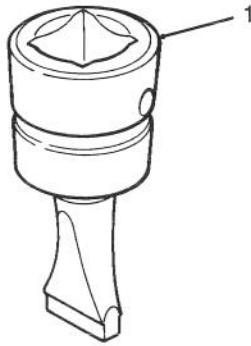
T-0470A

BASKET & YOKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3-4510	Pull Arm Assembly (Incl. Ref. #10 & 18-22)	2	21	3-3436	Sleeve	2
3	3269-4	Rivet - Pop	16	22	3-1506	Bushing - Flange	4
4	3256-51	Washer - Flat	16	23	3254-6	Washer - Lock	2
5	5-1390	Shaft - Front Roller	1	24	88-8910	Pivot	2
6	3219-14	Nut - Jam	1	26	32141-36	Screw - Adjustment	2
7	13-8199	Gauge Bar Assembly (Incl. Ref. #6 & 8)	1	27	285-17	Plug - Pipe	2
8	32122-22	Screw - Machine	1	28	3245-35	Screw - Set	2
9	3-1828	Plate - Wear	1	29	237-69	Seal - O-Ring	2
10	302-5	Fitting - Grease	3	30	11-3050	Sleeve	2
11	32104-81	Screw - Machine	1	31	253-118	Seal	2
12	3-0696	Yoke - Chain	1	32	5-1384	Housing - Bearing	2
13	3272-50	Pin - Cotter	1	33	251-205	Bearing	2
14	3-2156	Bushing	2	34	237-68	Seal - O-Ring	2
15	3-2188	Yoke Assembly (Incl. Ref. #14 & 40)	1	35	32151-13	Ring - Retaining	2
16	3-1397	Bar - Grinding	1	36	5-1382	Roller Assembly (Incl. Ref. #27-35)	1
17	8-7710	Joint - Ball	2	37	5-3464	Bracket - Adjustment	2
18	3220-3	Nut - Jam	6	38	3218-2	Nut - Jam	4
19	8-5770	Screw - Special	2	39	88-8770	Grass Basket Assembly (Incl. Ref. #3, 4, 24, 26, & 37-39)	1
20	3256-24	Washer - Flat	6	40	67-7960	Decal - Danger	1

SPECIAL TOOLS

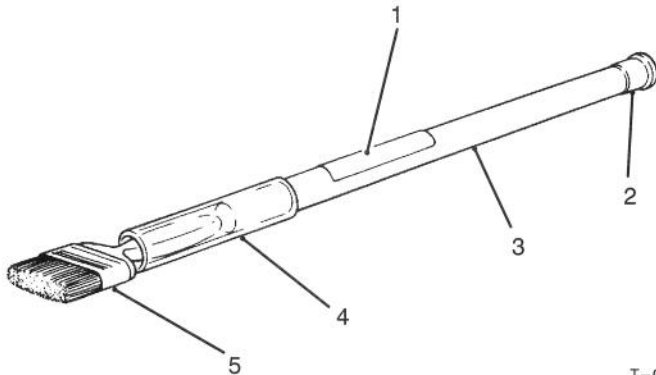
BEDKNIFE SCREW TOOL NO. *TOR510880



T-0729

Ref. No.	Part No.	Description	No. Used
1	51-0880	Tool – Bedknife Screw	1

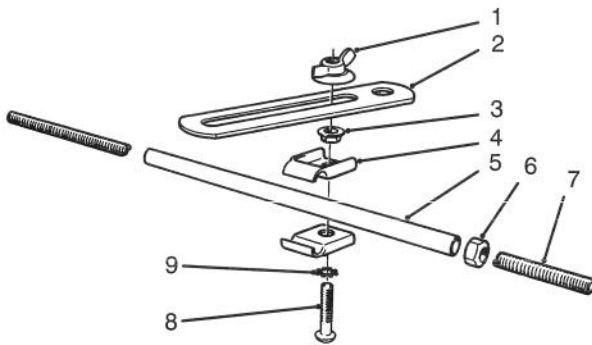
BACKLAPPING BRUSH ASSEMBLY NO. *TOR299100



T-0731

Ref. No.	Part No.	Description	No. Used
1	12-9140	Decal	1
2	2410-18	Plug	1
3	29-9080	Handle	1
4	29-9090	Hose – Handle	1
5	36-4310	Brush	1

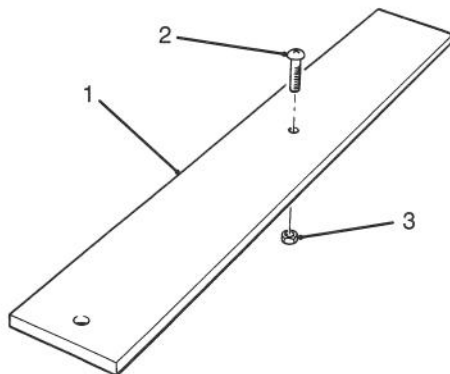
ALIGNMENT TOOL NO. TOR200120



T-0732

Ref. No.	Part No.	Description	No. Used
1	3-4808	Nut – Wing	1
2	20-0110	Bracket – Alignment	1
3	32128-20	Nut – Lock, Flange	1
4	3-6657	Clip – Skid	2
5	20-0070	Tube	1
6	3219-2	Nut – Hex.	1
7	20-0080	Rod	1
8	32122-35	Screw – Truss Head	1
9	3255-8	Washer – Lock, Int. Tooth	1

GAUGE BAR ASSEMBLY NO. *TOR138199



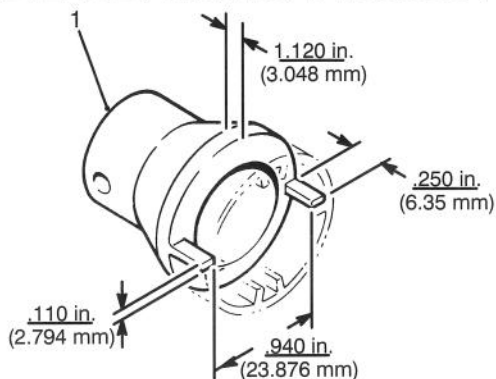
T-1151

Ref. No.	Part No.	Description	No. Used
1	65-8320	Bar – Height-Of-Cut	1
2	32122-2	Screw – Round Hd.	1
3	3219-14	Nut – Hex.	1

*Obtain these items directly from OTC 2013 4th St. Owatonna, MN. 55060 1-800-533-0492
(in Minnesota and Canada 1-507-455-7050) Fax. 507-455-7011.

SPECIAL TOOLS

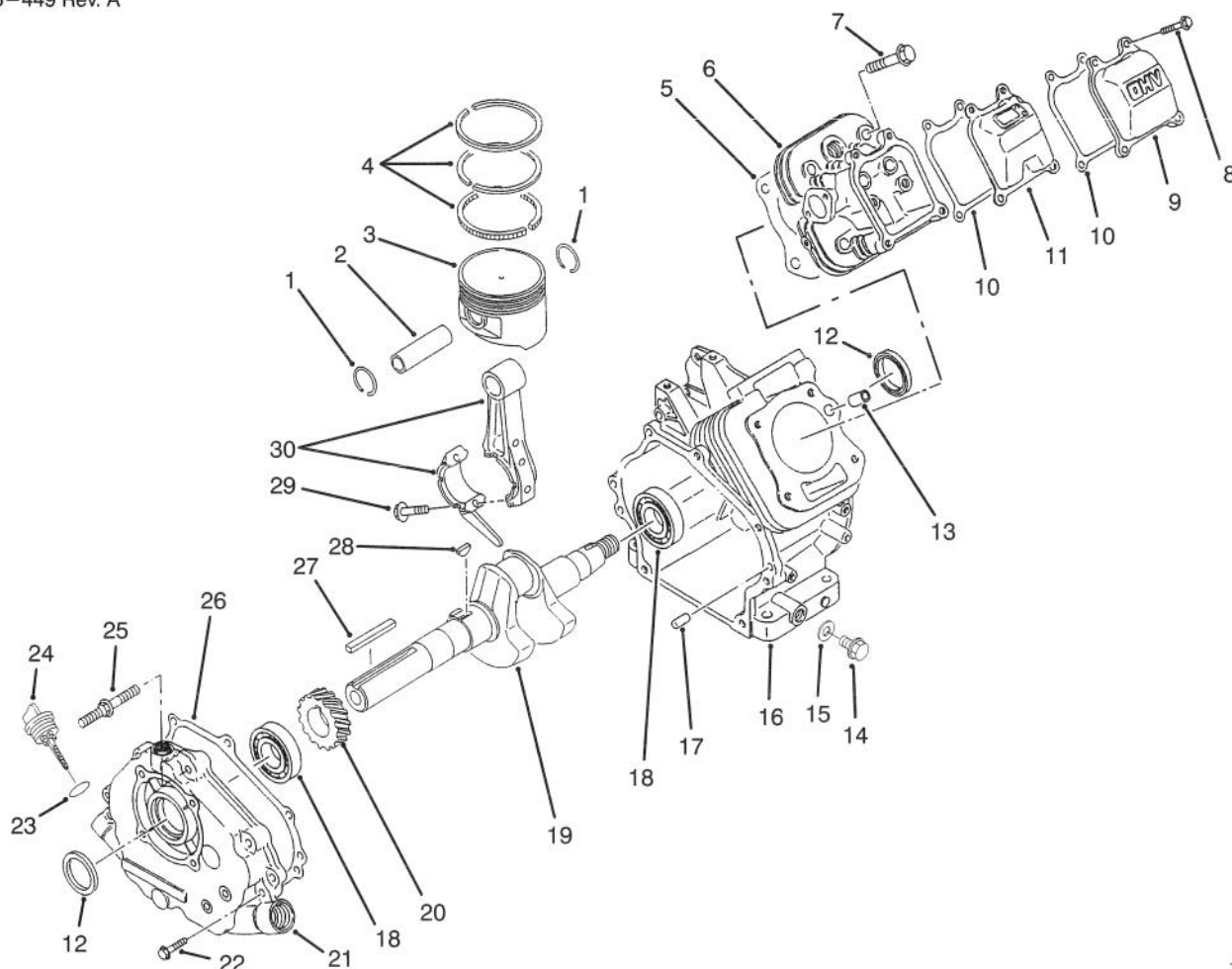
REEL BEARING ADJUSTMENT SOCKET NO. *TOR31826



T-0480

Ref. No.	Part No.	Description	No. Used
1		Pinion Removal Tool Note: Modify #3-1826 by removing material as indicated to achieve final dimensions for reel bearing adjustment socket.	1

*Obtain these items directly from OTC 2013 4th St. Owatonna, MN. 55060 1-800-533-0492
(in Minnesota and Canada 1-507-455-7050) Fax. 507-455-7011.

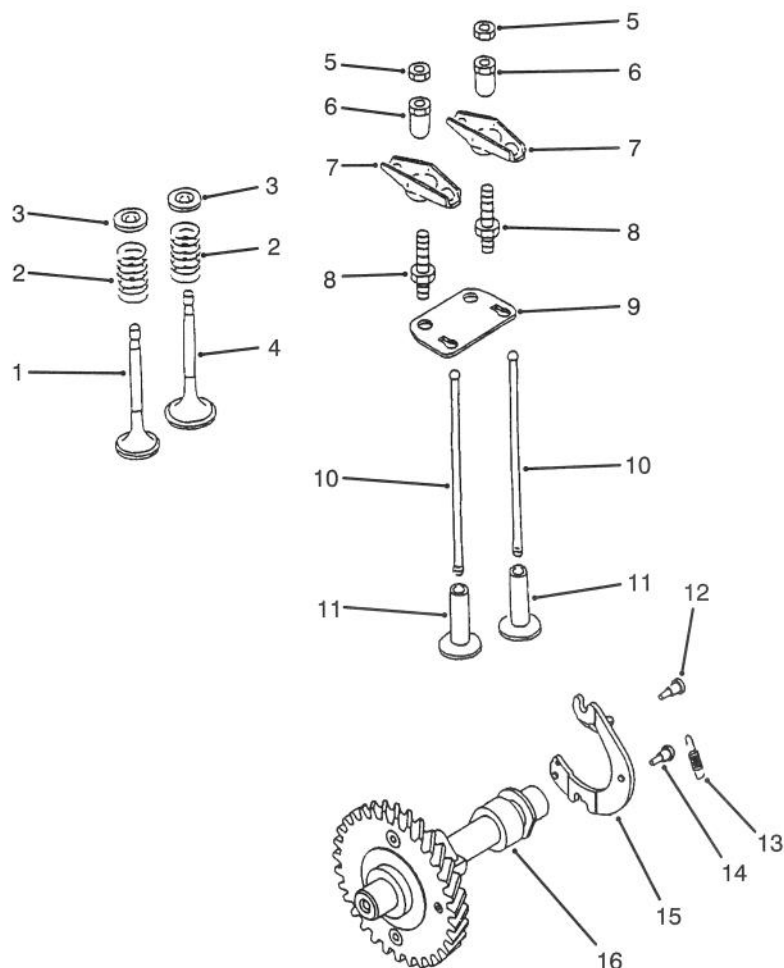


T-1615

ENGINE CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92036-003	Ring - Retaining	2
2	13002-1005	Pin - Piston	1
3	13001-2132	Piston	1
4	13008-6027	Piston Ring Set	1
5	11004-2113	Gasket - Head	1
6	11008-2092	Head - Cylinder	1
7	130T0845	Bolt - Flanged	4
8	130C0612	Bolt - Flanged	4
9	11022-2065-9H	Case - Rocker	1
10	11060-2048	Gasket - Rocker	2
11	14069-2080	Breather	1
12	313650-4231-00	Seal - Oil	2
13	92043-1037	Pin	2
14	92066-2203	Plug - Drain	2
15	11009-2175	Gasket - Drain Plug	2
16	49120-2241	Crankcase	1
17	551A0612	Pin	2

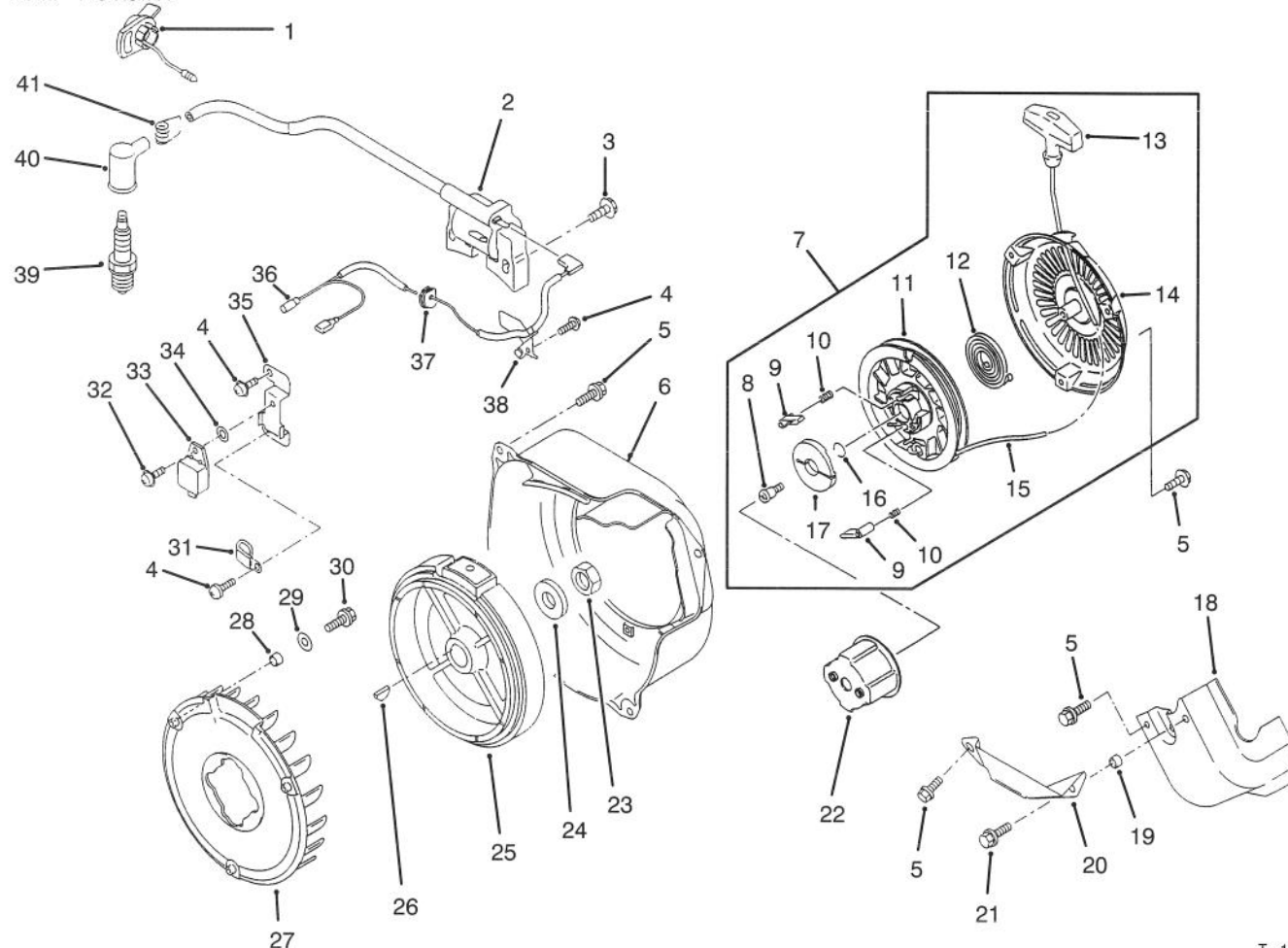
Ref. No.	Part No.	Description	No. Used
18	601A6204	Bearing - Ball	2
19	49119-6146	Crankshaft Assembly (Incl. Ref. #20, 27 & 28)	1
20	59056-2862	Gear - Helical	1
21	49015-6142	Cover - Crankcase	1
22	130G0630	Bolt - Flanged	7
23	92055-2064	Seal - O-Ring	2
24	16115-2091	Cap - Oil Filler	2
25	92150-2261	Stud	1
26	11060-2044	Gasket - Crankcase	1
27	314406-3272A	Key	1
28	92038-2093	Key	1
29	92150-2212	Bolt - Rod	2
30	13251-6045	Connecting Rod Assy. (Incl. Ref. #29)	1



T-1616

ENGINE CAMSHAFT & VALVES ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	12005-2087	Valve - Exhaust	1	10	13116-2072	Rod - Push	2
2	49078-2064	Spring - Valve	2	11	12032-2064	Tappet	2
3	12009-2062	Retainer - Spring	2	12	92043-2130	Pin	2
4	12004-2098	Valve - Intake	1	13	92144-2049	Spring	1
5	92015-2240	Nut	2	14	92043-2122	Pin	1
6	92015-2253	Nut	2	15	21118-2084	Decompressor	1
7	12016-2059	Arm - Rocker	2	16	49118-6073	Camshaft Assembly (Incl. Ref. #12-15)	1
8	92150-2198	Bolt	2				
9	13070-2083	Guide	1				

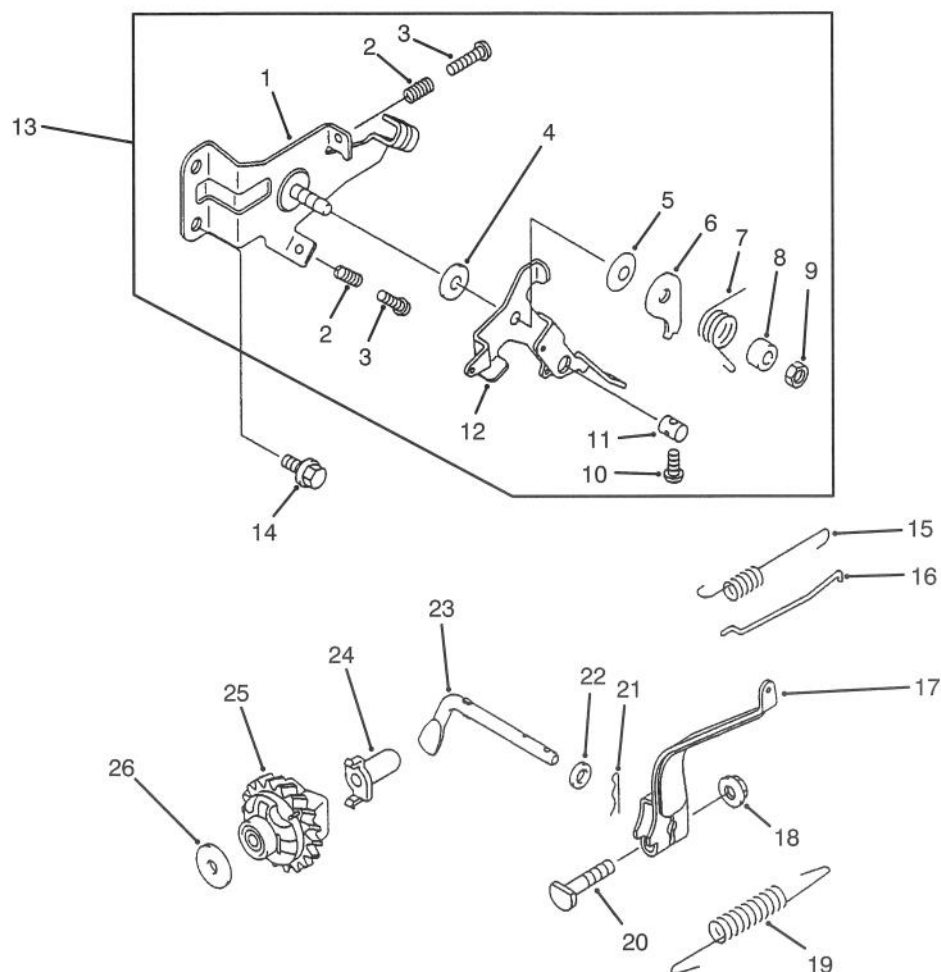


T-1617

ENGINE IGNITION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	315801-6625A	Washer	1
2	21171-2188	Coil - Ignition	1
3	130B0625	Bolt - Flanged	2
4	92009-2166	Screw	3
5	130B0608	Bolt - Flanged	10
6	59066-2627-9H	Housing - Fan	1
7	49088-2409-9H	Recoil Starter Assy. (Incl. Ref. #8-17)	1
8	92009-2311	Screw	1
9	13165-2082	Pawl - Recoil	2
10	92144-2177	Spring - Return	2
11	59101-2086	Reel - Recoil	1
12	92144-2272	Spring	1
13	313601-3454B	Grip	1
14	32099-2233-9H	Case - Recoil	1
15	59106-2119	Rope	1
16	92033-2160	Ring - Retaining	1
17	13070-2088	Guide - Pawl	1
18	49089-2351-9H	Shroud - Engine	1
19	92027-103	Collar	1
20	49089-2378-9H	Shroud - Engine	1
21	130B0614	Bolt - Flanged	1

Ref. No.	Part No.	Description	No. Used
22	49080-2163	Pulley - Recoil	1
23	314G1400	Nut	1
24	314401-3482A	Washer	1
25	21194-22245	Flywheel	1
26	92038-2077	Key	1
27	59041-2073	Fan	1
28	92143-2009	Collar	3
29	311509-3595-00	Washer	3
30	130G0616	Bolt - Flanged	3
31	92-37-2171	Clamp	1
32	242B0410	Screw - Pan Hd.	1
33	21119-2139	Igniter	1
34	315801-6625A	Washer	1
35	11046-2142	Bracket	1
36	26011-2270	Lead - Wire	1
37	92071-2135	Grommet	1
38	92170-2062	Clamp	1
39	92070-1167	Plug - Spark (NGK BP5ES)	1
40	21130-2066	Cap - Spark Plug	1
41	317270-8419A	Terminal	1

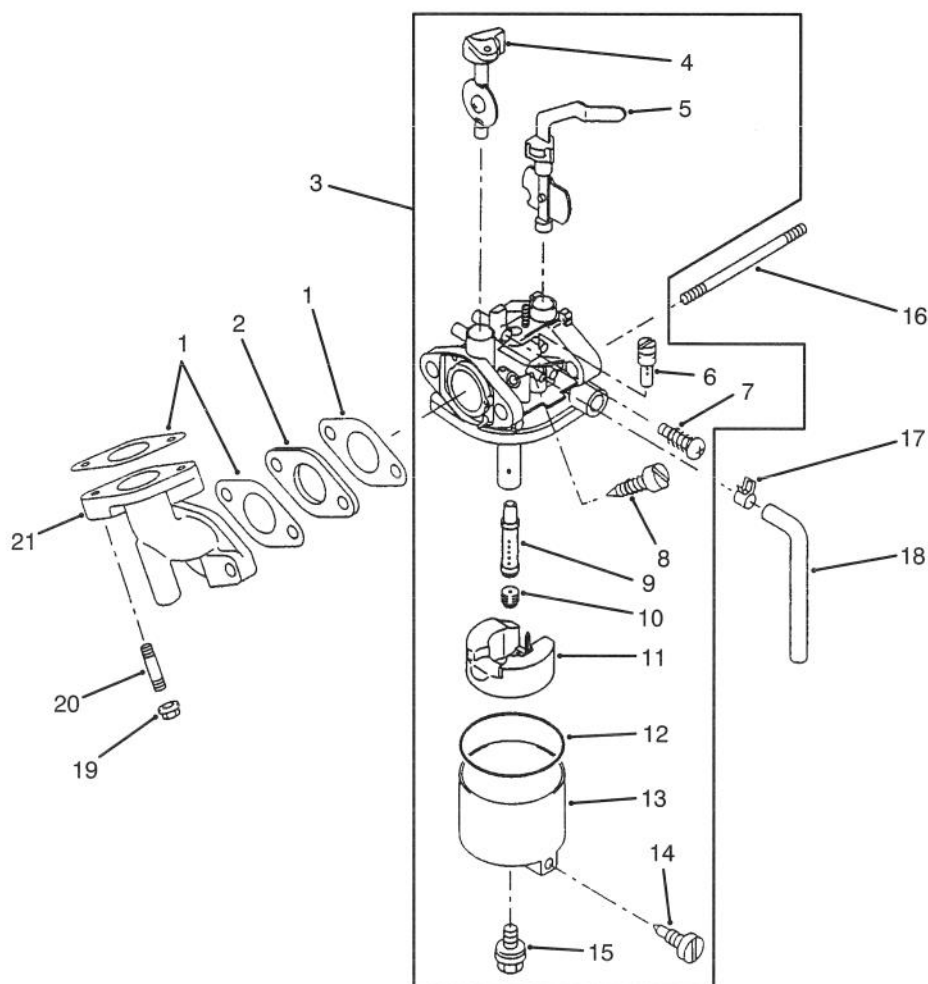


T-1618

ENGINE GOVERNOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	59226-22522	Panel - Control	1
2	92144-2266	Spring	2
3	92150-2227	Bolt	2
4	314401-5283A	Washer	1
5	314401-5388A	Spring	1
6	13183-2371	Plate	1
7	92144-2270	Spring	1
8	92026-2304	Spacer	1
9	314401-5385A	Nut	1
10	214B0414	Screw - Pan Hd.	1
11	92015-2120	Nut	1
12	31368-2330	Lever	1
13	39180-2779	Control Panel Assy. (Incl. Ref. #1-12)	1

Ref. No.	Part No.	Description	No. Used
14	130B0612	Bolt - Flanged	2
15	314499-5232A	Spring	1
16	49046-2098	Rod - Governor	1
17	49103-2124	Arm - Governor	1
18	92015-1193	Nut	1
19	39129-2052	Spring - Governor	1
20	92002-2269	Bolt	1
21	554A0600	Pin - Snap	1
22	92200-2029	Washer	1
23	39003-2074	Arm - Pivot	1
24	314401-5121B	Sleeve	1
25	49110-2076	Governor Assembly	1
26	314401-5135A	Washer	1

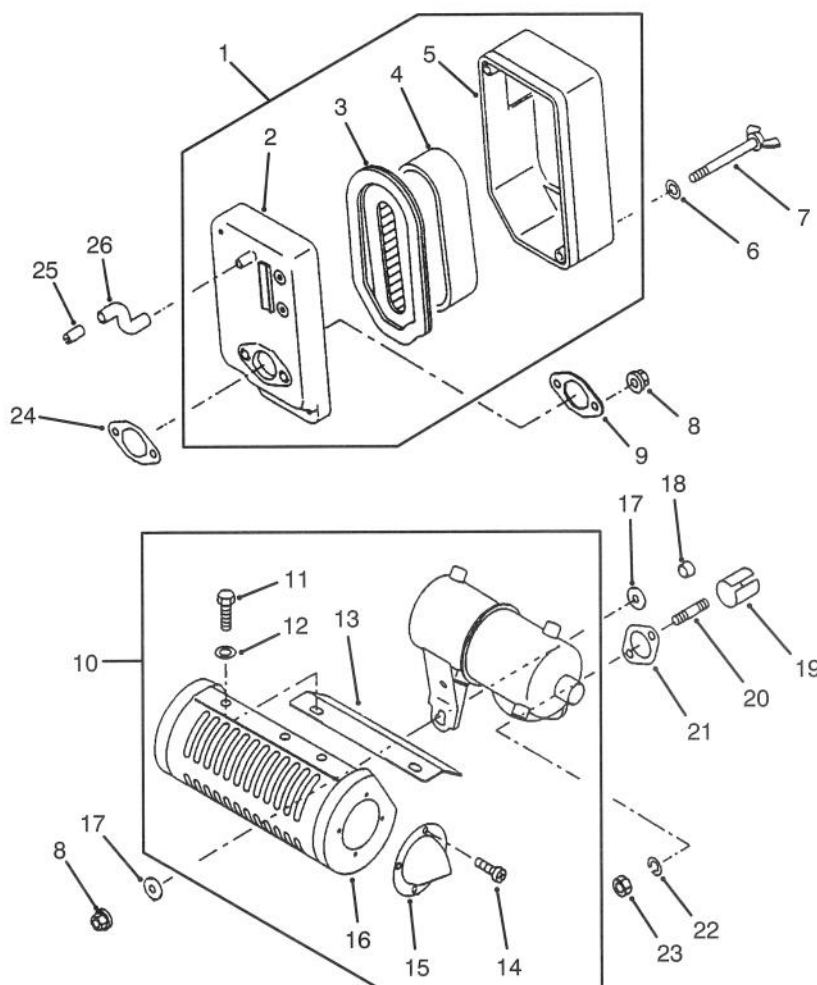


T-1619

ENGINE CARBURETOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	11060-2051	Gasket - Carburetor	3
2	16073-2156	Insulator	1
3	15003-2298	Carburetor Assembly (Incl. Ref. #4-15)	1
4	16185-2007	Valve - Throttle	1
5	16186-2011	Valve - Choke	1
6	92064-2082	Jet - Pilot #42	1
7	23013-2054	Screw Assembly	1
8	23013-2055	Screw - Assembly	1
9	49121-2167	Nozzle - Main	1
10	92063-2233	Jet - Main #70	1
11	16183-2001	Float Assembly	1

Ref. No.	Part No.	Description	No. Used
12	11009-2919	Gasket	1
13	16184-2002	Float Chamber Assy. (Incl. Ref. #14)	1
14	23013-2053	Screw Assembly	1
15	92150-2209	Bolt	1
16	172G0673	Bolt - Stud	2
17	395115-6812-00	Clamp	1
18	92190-2105	Tube	1
19	92015-1193	Nut	2
20	172G0618	Bolt - Stud	2
21	16060-2160	Pipe - Intake	1

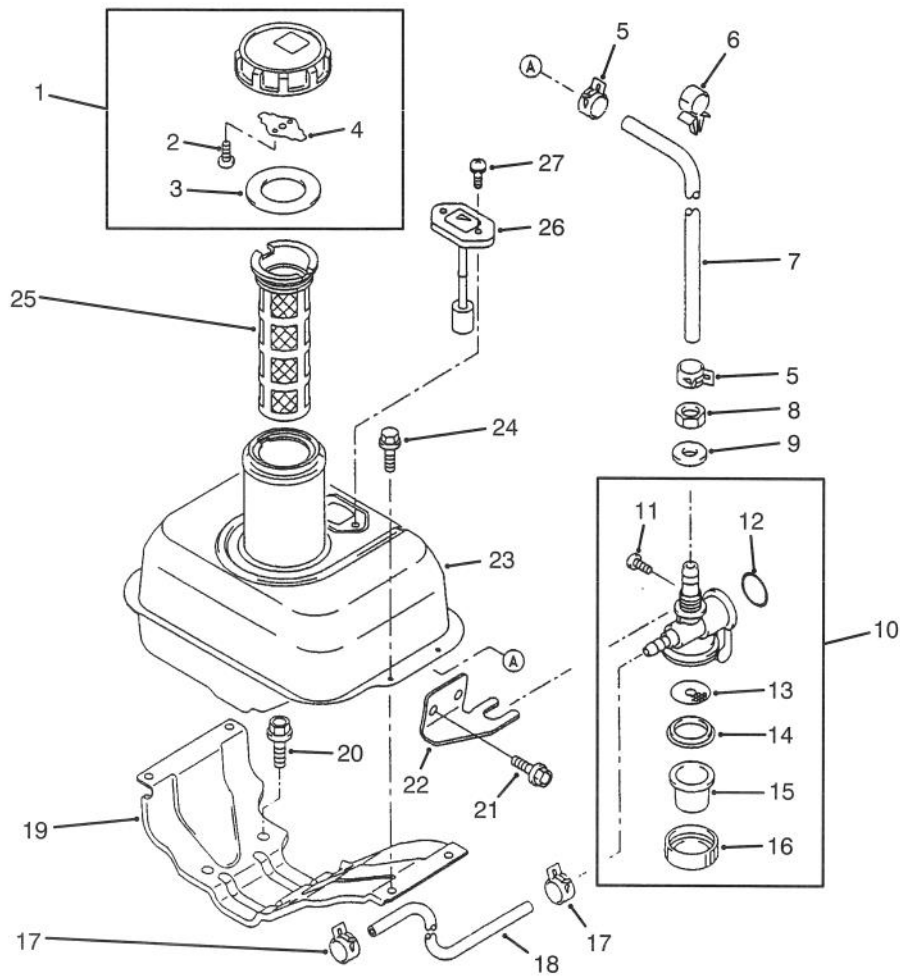


T-1620

ENGINE AIR FILTER & MUFFLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	11010-2459	Air Filter Assembly (Incl. Ref. #2-5)	1
2	11011-2241	Case - Air Filter	1
3	11013-2132	Element - Air Filter	1
4	11013-2133	Element - Air Filter	1
5	11012-2325	Cap - Air Filter	1
6	411F0500	Washer	22
7	92150-2226	Bolt	2
8	92015-1193	Nut	3
9	13183-2416	Plate - Air Filter	1
10	49069-2256	Muffler Assembly (Incl. Ref. #11-16)	1
11	110R0610	Bolt	4
12	411B0600	Washer	4

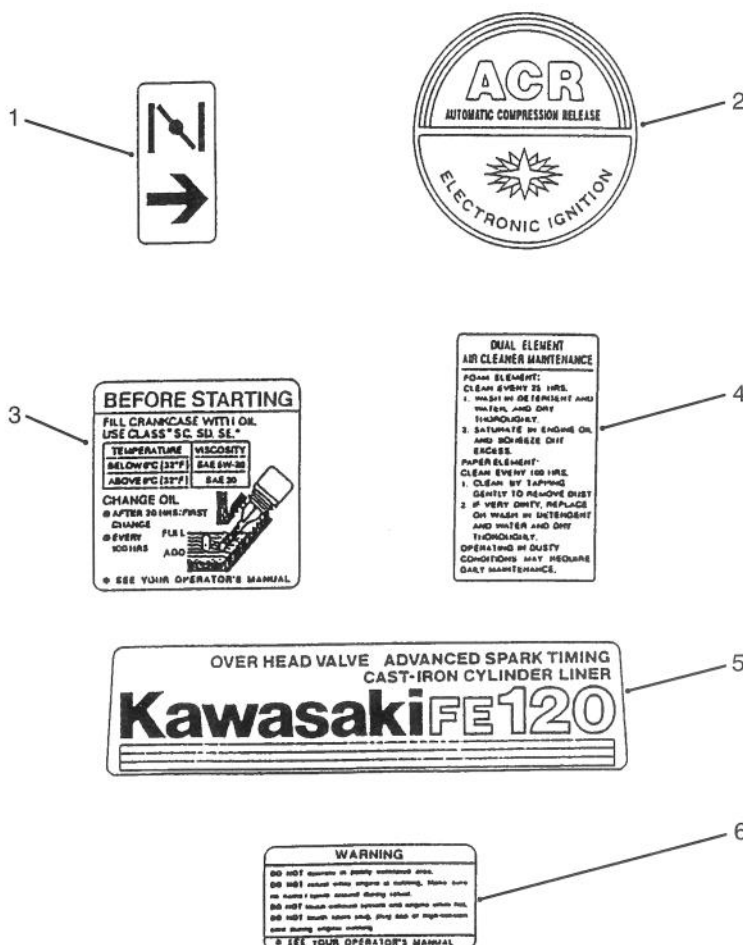
Ref. No.	Part No.	Description	No. Used
13	49106-2527-YM	Cover - Muffler	1
14	92009-2307	Screw	4
15	59156-2057-YM	Pipe - Tail	1
16	49106-2530-YM	Cover - Muffler	1
17	92200-2037	Washer	2
18	92027-2086	Collar	1
19	19049-2220	Pipe - Exhaust	1
20	171G0616	Bolt - Stud	2
21	11060-2037	Gasket - Muffler	1
22	461F0600	Washer - Spring	2
23	311R0600	Nut - Hex.	2
24	11060-2049	Gasket - Air Filter	1
25	314401-1341A	Pipe	1
26	92190-2043	Tube	1



T-1621

ENGINE FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	51048-2055	Fuel Cap Assembly (Incl. Ref. #2-4)	1	14	313650-6518-02	Gasket	1
2	314401-6732A	Screw	2	15	51036-2063	Cup - Tap	1
3	315801-6643B	Gasket	1	16	313650-6522-00	Nut	1
4	315801-6644A	Spring	1	17	311702-6812A	Clamp	2
5	316677-6812A	Clamp	2	18	92190-22096	Tube	1
6	92170-2067	Clamp	1	19	320522-2209-9H	Bracket - Tank	1
7	92190-2095	Tube	1	20	130B0816	Bolt - Flanged	4
8	313650-6527-00	Nut	1	21	130B0508	Bolt - Flanged	2
9	410B1000	Washer	1	22	11047-2073	Bracket	1
10	51023-2131	Tap Assembly (Incl. Ref. #11-16)	1	23	51001-2264-9H	Tank - Fuel	1
11	313650-6517-00	Screw	1	24	187J0614	Bolt	4
12	313650-6512-00	Seal - O-Ring	1	25	49019-2106	Filter - Fuel	1
13	14043-2058	Filter - Tap	1	26	52005-2072	Gauge - Fuel	1
				227	315801-6577A	Screw	2



T-1622

ENGINE DECALS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	56030-2423	Decal - Choke	1	4	56031-2387	Decal - Maintenance	1
2	56030-2475	Decal - Recoil	1	5	56038-2792	Decal - Model	1
3	56031-2359	Decal - Instruction	1	6	56040-2188	Decal - Warning	1

TORO PART NUMBER INDEX

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
1-9119	Clutch Shaft Assembly	3 34 1	3-2075	Leaf - Lower	1 23 1
2-0039	Universal Driver Assembly	5 12 1	3-2078	Leaf - Center	1 22 1
2-4779	Universal Driver	2 33 1	3-2154	Yoke - Pivot	1 28 1
3-0450	Carrier - Differential	4 14 2	3-2156	Bushing	9 14 2
3-0452	Shaft	4 15 6	3-2188	Yoke Assembly	9 15 1
3-0453	Spacer	4 16 6	3-2251	Belt	3 4 1
3-0454	Gear - Ring	4 13 1	3-2804	Key	5 11 1
3-0455	Shaft - Idler	1 18 3	3-2964	Cover	5 1 1
3-0456	Gear - Idler	1 16 2	3-3287	Spacer - Rubber	8 46 1
3-0457	Gear - Intermediate	1 15 1	3-3417	Control - Throttle	8 40 1
3-0460	Spring - Detent	3 37 1	3-3418	Rod - Throttle Control	8 29 1
3-0463	Arm - Idler	5 44 1	3-3421	Collar	8 37 1
3-0465	Clutch - Female	3 5 1	3-3422	Rod - Clutch Control	8 18 1
3-0467	Cam - Clutch	3 13 1	3-3423	Washer	8 35 1
3-0471	Plate - Backing	3 16 1	3-3428	Washer	5 9 1
3-0472	Driver - Clutch	3 40 1	3-3436	Sleeve	9 21 2
3-0475	Pin - Clutch	3 14 1	3-3553	Bolt - Special	5 40 2
3-0477	Plate - Clutch	3 31 3	3-3554	Nut - Special	5 48 2
3-0478	Spring - Clutch	3 29 1	3-3858	Gear - Differential	4 17 6
3-0480	Pulley - Clutch	3 39 1	3-3964	Decal	5 25 1
3-0481	Washer - Clutch	3 20 1	3-4066	Bushing - Flange	3 18 1
3-0485	Gasket	1 9 1	3-4371	Case - Transmission	1 10 1
3-0486	Rod - Reel Clutch	2 42 1	3-4494	Washer - Thrust	1 31 1
3-0488	Fork - Shift	2 43 1	3-4510	Pull Arm Assembly	9 1 2
3-0492	Drum	4 6 2	3-4808	Nut - Wing	10 1 1
3-0508	Plate - Cover	8 1 1	3-4981	Weight	6 11 1
3-0514	Disc - Friction	3 32 3	3-5783	Plate - Side LH	5 20 1
3-0516	Lever - Clutch Control	8 42 1	3-5784	Plate - Side RH	5 38 1
3-0517	Bracket	8 3 1	3-5785	Screw - Adjusting	5 35 2
3-0525	Crank - Bell LH	8 22 1	3-5786	Bracket - Reel RH	5 6 1
3-0526	Retainer - Throttle Wire	8 26 1	3-5787	Spring	5 43 2
3-0554	Shoe - Chain Idler	5 50 1	3-5792	Washer	5 30 2
3-0565	Washer - Convex	5 42 4	3-5793	Screw	5 23 2
3-0566	Washer - Concave	5 41 4	3-5797	Spacer	5 39 2
3-0584	Shaft - Universal	5 15 1	3-5802	Sprocket	5 34 1
3-0592	Clutch - Male	1 30 1	3-6524	Bracket - Reel LH	5 27 1
3-0596	Housing - Axle	4 21 2	3-6657	Clip - Skid	10 4 2
3-0601	Guard	6 13 1	3-6801	Key	3 33 1
3-0631	Grip - Ball	2 40 1	3-8347	Cap - Hub	4 9 2
3-0696	Yoke - Chain	9 12 1	3-8392	Axle	4 4 2
3-0988	Bail - Lift	6 4 2	4-1539	Roller Assembly	6 * 1
3-1397	Bar - Grinding	9 16 1	4-2219	Reel Assembly	6 26 1
3-1506	Bushing - Flange	9 22 4	5-0536	Shaft - Roller	6 16 1
3-1545	Spacer - Clutch	3 11 1	5-0765	Pin - Handle Adjustment	8 15 1
3-1553	Decal - Oil Level	1 11 1	5-0776	Spring - Handle Adjustment	8 13 1
3-1716	Trough - Oil	1 6 1	5-1382	Roller Assembly	9 36 1
3-1776	Grommet	1 8 2	5-1384	Housing - Bearing	6 20 2
3-1776	Grommet	8 17 2	5-1384	Housing - Bearing	9 32 2
3-1828	Plate - Wear	9 9 1	5-1390	Shaft - Front Roller	9 5 1
3-1830	Spring - Stabilizer	2 45 2	5-1393	Shaft - Reel	6 36 1
3-1852	Pad	5 14 2	5-3464	Bracket - Adjustment	9 37 2
3-2057	Shield - Grass	6 8 1	5-9700	Handle	8 10 1
3-2068	Cover - Bearing	2 36 1	8-5770	Screw - Special	9 19 2
3-2072	Gasket	2 35 1	8-7710	Joint - Ball	9 17 2
3-2074	Spacer	1 27 2	11-3050	Sleeve	6 23 2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
11-3050	Sleeve	9 30 2	92-4994	Chain - Reel Lift	6 1 2
12-9140	Decal	10 1 1	92-4995	Leaf - Main	1 21 1
13-8199	Gauge Bar Assembly	9 7 1	237-22	Seal - O-Ring	1 17 6
14-6889	Cutting Unit Assy. Complete	6 * 1	237-33	Seal - O-Ring	4 20 2
20-0070	Tube	10 5 1	237-38	Seal - O-Ring	3 10 1
20-0080	Rod	10 7 1	237-68	Seal - O-Ring	6 17 2
20-0110	Bracket - Alignment	10 2 1	237-68	Seal - O-Ring	9 34 2
29-9080	Handle	10 3 1	237-69	Seal - O-Ring	6 24 2
29-9090	Hose - Handle	10 4 1	237-69	Seal - O-Ring	9 29 2
36-4310	Brush	10 5 1	237-73	Grommet	8 9 2
42-9310	Screw - Cap Hex. Hd.	7 8 3	244-58	Pulley	7 11 1
49-8110	Grip - Handle	8 5 2	2410-18	Plug	10 2 1
51-0880	Tool - Bedknife Screw	10 1 1	2411-7	Stud - Ball	6 37 2
57-4910	Screw - Bedknife	6 6 6	2412-93	Clamp - R	7 18 1
63-8440	Decal - Hot Surface	7 2 1	251-6	Bearing - Ball	5 8 2
65-8320	Bar - Height-Of-Cut	10 1 1	251-137	Bearing - Ball	4 2 2
66-3160	Screw - Cap Hex. Hd.	7 7 1	251-138	Bearing - Ball	4 12 2
67-7960	Decal - Danger	9 40 1	251-139	Ball Bearing Assembly	3 8 1
67-7960	Decal - Warning	6 9 1	251-140	Bearing - Ball	3 17 1
72-4310	Switch	3 27 1	251-149	Ring - Retaining	3 9 1
88-7620	Decal - Fuel	7 19 1	251-163	Bearing - Ball	1 32 1
88-8650	Mount - Engine	7 15 2	251-205	Bearing	6 19 2
88-8660	Bracket - Pivot	7 5 1	251-205	Bearing	9 33 2
88-8670	Spacer - Pivot	7 4 1	252-49	Bearing	1 14 4
88-8680	Bar - Handle Adjustment	8 32 1	253-59	Seal - Oil	5 10 2
88-8690	Wire - Throttle	7 3 1	253-59	Seal - Oil	2 34 1
88-8700	Pinion - Drive	3 7 1	253-82	Seal - Oil	4 3 2
88-8710	Retainer - Wire Harness	4 19 1	253-83	Seal - Oil	3 12 1
88-8720	Bracket - Switch Guard	3 25 1	253-88	Seal - Oil	2 41 1
88-8730	Key	3 35 1	253-92	Seal - Oil	5 31 2
88-8740	Guard - Belt	3 1 1	253-118	Seal	9 31 2
88-8770	Grass Basket Assembly	9 39 1	253-118	Seal - Oil	6 21 2
88-8780	Crank - Bell RH	8 23 1	253-120	Seal - Oil	6 27 2
88-8800	Actuator - Clutch	3 15 1	254-67	Cup - Bearing	6 28 2
88-8810	Cover - Clutch	3 24 1	254-68	Cone - Bearing	6 29 2
88-8820	Rod - Clutch	8 19 1	254-86	Nut - Lock	6 31 1
88-8830	Housing - Clutch	3 22 1	254-87	Washer - Lock	6 30 1
88-8870	Harness - Wire	7 17 1	255-5	Ball	3 36 2
88-8890	Bearing	6 34 2	255-8	Ball	3 41 6
88-8900	Wihle Roller Assembly	6 32 1	256-112	Bushing - Sleeve	3 38 1
88-8910	Pivot	9 24 2	2710-31	Connecting Link Assembly	5 * 1
88-8920	Chain	5 45 1	281-1	Plug - Pipe	1 12 1
88-8930	Sprocket	5 4 1	281-3	Plug - Sq. Hd. Pipe	1 4 1
88-8940	Decal - Greensmaster 500	8 11 1	285-17	Plug - Pipe	6 22 2
88-8940	Decal - Warning	7 9 1	285-17	Plug - Pipe	9 27 2
88-8960	Decal - Clutch Lever	8 43 1	302-5	Fitting - Grease	5 5 2
88-8970	Grommet	3 26 1	302-5	Fitting - Grease	9 10 3
88-8980	Transmission Cover Assy.	1 7 1	302-5	Fitting - Grease	6 33 5
88-8990	Bedknife	6 * 1	302-14	Relief - Pressure	5 26 2
88-9000	Bedknife - Tournament	6 7 1	321-2	Screw - Cap Hex. Hd.	6 2 4
88-9010	Bracket - Scraper	6 41 2	321-8	Screw	6 10 2
88-9020	Rod - Scraper	6 42 1	321-8	Screw - Cap Hex. Hd.	1 5 8
88-9080	Spacer	8 28 1	321-9	Screw - Cap Hex. Hd.	5 17 2
92-4991	Gasket	5 2 1	321-11	Screw - Cap Hex. Hd.	1 1 2
92-4992	Bracket - Spring	1 20 1	322-4	Screw - Cap Hex. Hd.	4 23 6

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
322-5	Screw - Cap Hex. Hd.	7 14 4	3274-26	Screw - Set	5 28 2
322-8	Screw - Cap Hex. Hd.	1 24 2	3274-29	Screw	6 35 4
322-16	Screw - Cap Hex. Hd.	8 45 1	3289-4	Screw	3 23 3
322-17	Screw - Cap Hex. Hd.	7 16 4	3290-130	Screw	8 41 1
323-30	Screw	8 16 1	3290-141	Screw	5 21 6
329-3	Screw - Cap Hex. Hd.	5 49 2	3290-211	Washer - Spring	3 30 1
329-13	Screw	5 24 4	3290-264	Washer - Wave	3 19 2
3217-9	Nut	5 37 2	3291-5	Screw	8 8 2
3218-2	Nut - Jam	9 38 4	3295-2	Rivet	1 29 2
3219-2	Nut - Hex.	10 6 1	3296-1	Nut - Lock	8 25 1
3219-14	Nut - Hex.	10 3 1	3296-3	Nut	5 29 2
3219-14	Nut - Jam	9 6 1	3296-6	Nut - Lock	3 28 1
3220-3	Nut - Jam	9 18 6	3296-13	Nut - Lock	6 15 2
3245-2	Screw - Set	8 38 1	3296-13	Nut - Lock	5 19 6
3245-7	Screw - Set	5 36 2	3296-19	Nut - Lock	4 8 2
3245-32	Screw - Set	7 10 1	3296-27	Nut - Lock	8 2 2
3245-35	Screw - Set	6 25 2	3296-27	Nut - Lock	4 18 6
3245-35	Screw - Set	9 28 2	3296-28	Nut - Lock	2 46 1
3249-3	Screw	8 33 2	3296-29	Nut - Lock	8 47 1
3250-4	Screw	8 27 1	3296-33	Nut - Lock	5 3 1
3251-4	Screw	8 7 2	3296-45	Nut	5 32 2
3253-3	Washer - Lock	1 2 10	32104-81	Screw - Machine	9 11 1
3253-3	Washer - Lock	3 2 2	32105-5	Screw - Machine	5 47 5
3253-3	Washer - Lock	6 3 6	32108-50	Screw	4 10 2
3253-4	Washer - Lock	4 22 6	32120-35	Ring - Retaining	8 14 1
3253-17	Washer - Lock	8 6 2	32120-42	Ring - Retaining	5 7 1
3253-17	Washer - Lock	5 46 5	32120-62	Ring - Retaining	4 1 4
3253-31	Washer - Lock	7 6 4	32120-63	Ring - Retaining	1 13 12
3254-2	Washer	1 26 2	32120-64	Ring - Retaining	3 6 6
3254-6	Washer - Lock	9 23 2	32120-65	Ring - Retaining	3 21 1
3254-6	Washer - Lock	6 38 2	32120-69	Ring - Retaining	5 13 1
3254-9	Washer - Lock	8 34 3	32120-74	Ring - Retaining	8 36 1
3255-8	Washer - Lock, Int. Tooth	10 9 1	32121-4	Pin - Roll	8 4 1
3256-2	Washer - Flat	1 3 2	32121-4	Pin - Roll	2 37 1
3256-14	Washer	8 20 4	32121-7	Pin - Roll	8 39 1
3256-22	Washer	6 12 4	32121-11	Pin - Roll	8 48 1
3256-22	Washer	5 22 4	32121-25	Pin - Roll	5 16 1
3256-22	Washer	8 24 2	32121-25	Pin - Roll	2 38 1
3256-23	Washer	8 12 2	32122-2	Screw - Round Hd.	10 2 1
3256-23	Washer	1 25 2	32122-22	Screw - Machine	9 8 1
3256-23	Washer - Flat	7 13 8	32122-35	Screw - Truss Head	10 8 1
3256-24	Washer - Flat	9 20 6	32128-20	Nut - Lock, Flange	10 3 1
3256-24	Washer - Flat	6 39 2	32140-40	Screw	2 39 3
3256-26	Washer	4 7 2	32141-36	Screw - Adjustment	9 26 2
3256-26	Washer	2 47 1	32144-3	Screw	3 3 2
3256-49	Washer - Flat	8 44 2	32149-2	Nut - Keps	6 40 4
3256-51	Washer - Flat	9 4 16	32151-12	Ring - Retaining	5 33 1
3257-23	Key - Hi-Pro	4 5 2	32151-13	Ring - Retaining	6 18 2
3258-61	Screw - Machine	6 14 2	32151-13	Ring - Retaining	9 35 2
3269-4	Rivet - Pop	9 3 16	32152-5	Nut - Lock	2 44 1
3272-1	Pin - Cotter	8 21 6	32153-2	Nut - Lock	8 30 1
3272-50	Pin - Cotter	9 13 1	32153-3	Nut - Lock	7 12 8
3273-23	Screw - Hex. Socket Hd.	4 11 6	32153-4	Nut - Lock	5 18 2

*Not Illustrated

MAINTENANCE RECORD

[illegible]