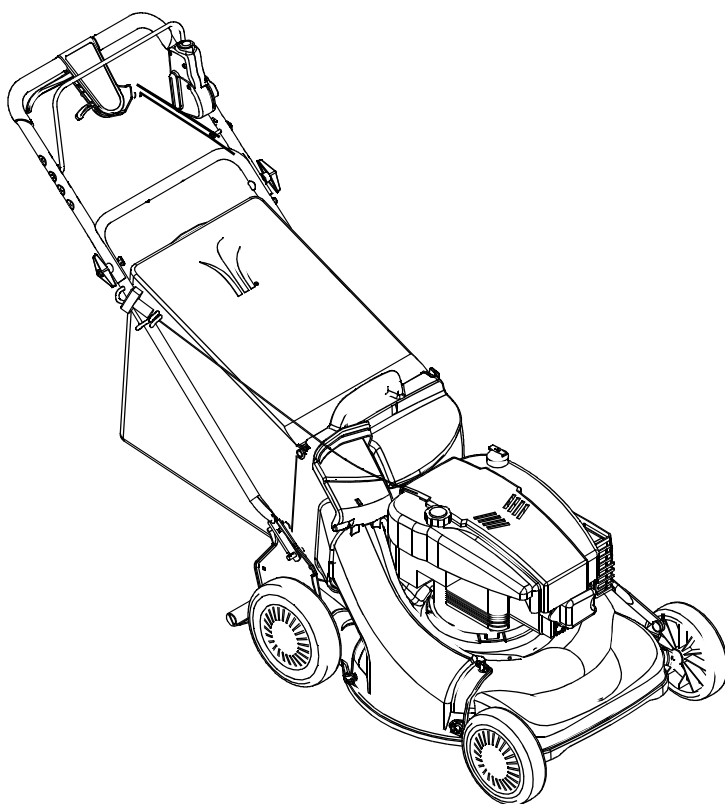




Operator's Manual



21" Self Starter Self Propelled Mower

Model 979T

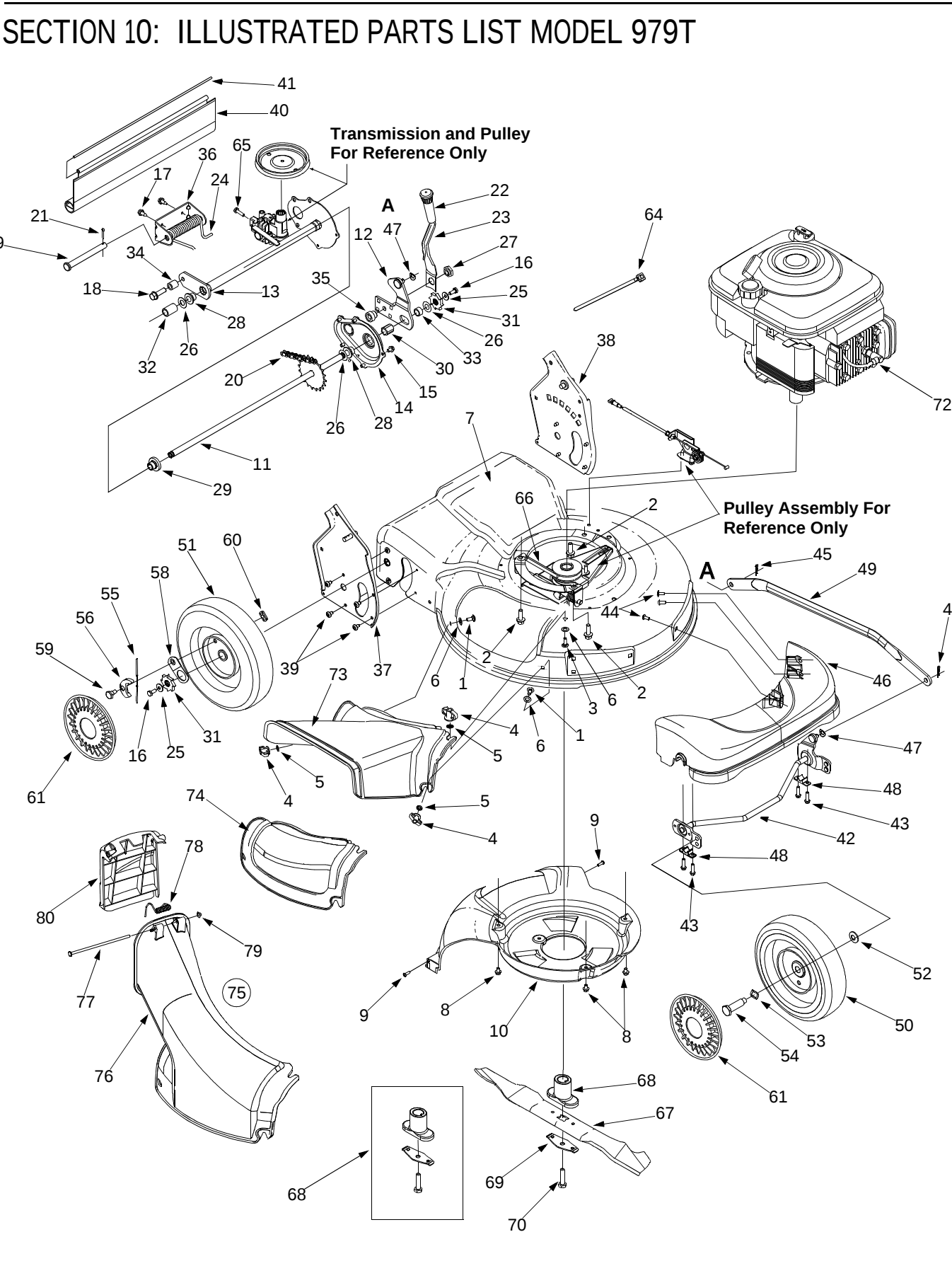
IMPORTANT: READ SAFETY RULES AND INSTRUCTIONS CAREFULLY

Warning: This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator. In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester for the muffler is available through your nearest engine authorized service dealer or contact the service department, P.O. Box 368022 Cleveland, Ohio 44136-9722.

MTD PRODUCTS INC. P.O. BOX 368022 CLEVELAND, OHIO 44136-9722

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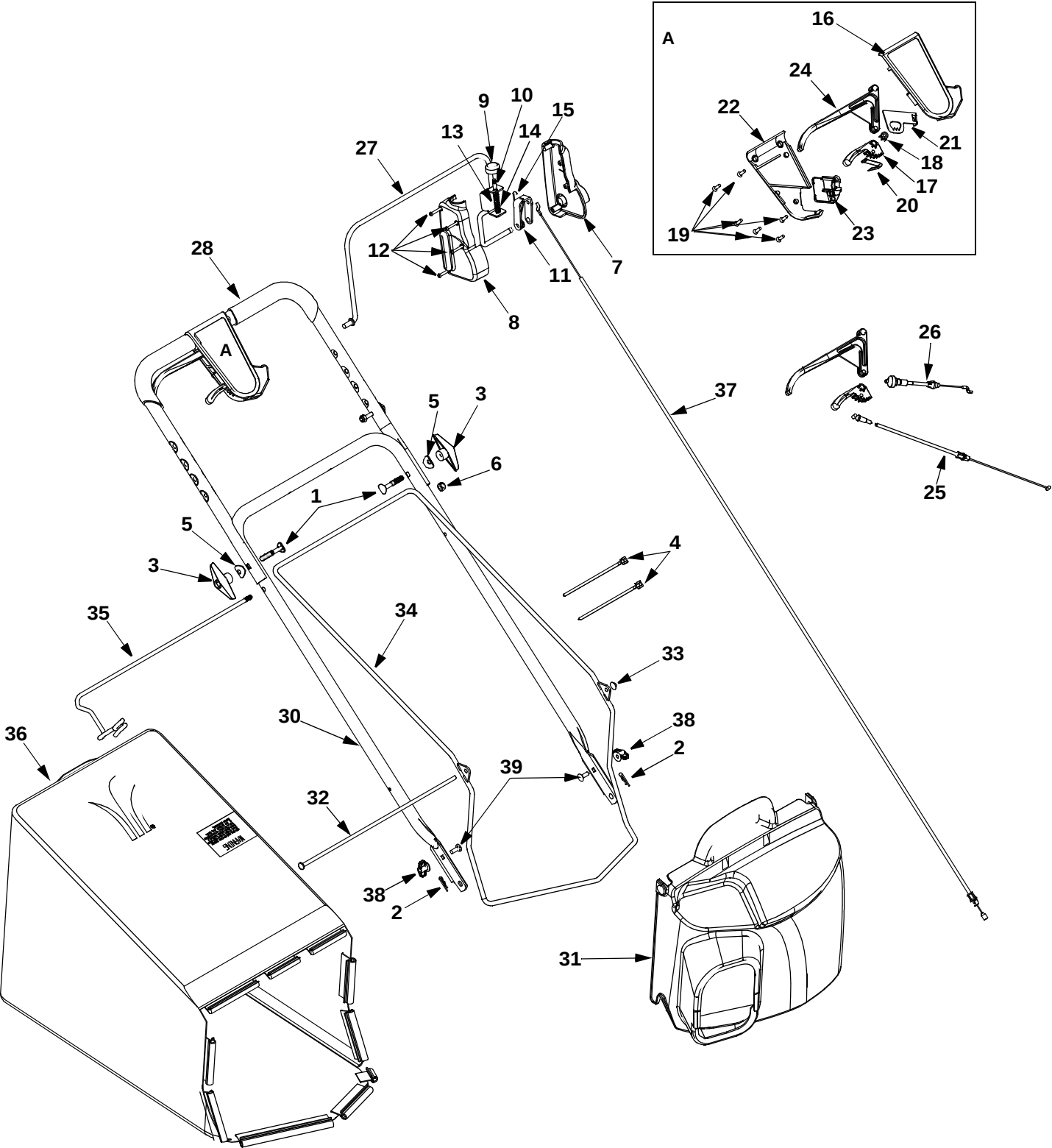
FORM NO. 770-10455
(1/2001)



Model 979T

Ref. No.	Part No.	Part Description	Ref. No.	Part No.	Part Description
1.	710-0134	Carriage Screw 1/4-20 x .62	40.	731-1901	Trail Shield
2.	710-0654A	Scr. TT:3/8-18:1.00	41.	732-0842	Trail Shield Wire
3.	710-0703	Scr. 1/4-20 x .750	42.	611-0064	Fr. Axle Ass'y.
4.	712-0397	Wing Nut 1/4-20	43.	710-1241	Hx Scr. Wash Hd. Hi.-Lo.
5.	723-0233	Nut, Push .25 I.D. x .50 O.D.	44.	710-1242	Scr. Torx, Truss Hi.-Lo.
6.	736-0204	Wash. Fl. .334 I.D.x .62 x.03	45.	714-0104	Cotter Pin .072 x 1.12 Lg.
7.	782-0046B	Deck - 21"	46.	731-1829	Fr. Axle Cover, Yellow
8.	710-0653	Scr. TT. 1/4-20 x .375	47.	736-0286	Bowed Washer
9.	710-0969	Scr. HL. 1/2-14 x .750	48.	741-0492A	Bush. Block .505 Dia. x .62
10.	731-1828	Baffle	49.	782-0565	Control Arm
11.	638-0012	Rear Axle Ass'y	50.	734-1978	Wheel 8 x 2 Link, Yellow
12.	682-0531	Pivot Arm Ass'y	51.	734-1981A	Wheel 9 x 2 Link Yellow, Slv.
13.	682-7526	Trans. Axle Ass'y	52.	736-0105	Spr. Wash. .401 x .870 x .063
14.	682-7528	Chain Cover Ass'y	53.	736-0504	Wave Wash .510 x .750 x .017
15.	710-0653	Scr. TT 1/4-20 x .375	54.	738-0102	Shldr Scr .498 x 1.445 x3/8-16
16.	710-0751	Cap Screw HH 1/4-20 x .620	55.	10622B	Spring, Ratchet, Plastic
17.	710-0896	Scr. AB 1/4-14 x .625	56.	748-0381	Pawl - R.H.
18.	710-1315	Scr. 3/8 116 x .25	—	748-0188B	Pawl - L.H. (Not Illustrated)
19.	711-0835	Clevis Pin .50 Dia. x 4.82 Lg.	58.	16855	Ratchet Pawl Plate
20.	713-0453	Chain-Endls. #48 .500P x 24L	59.	738-0137A	Scr. Shld. .340 x .285
21.	714-0474	Cotter Pin .125O.D. x .75	60.	712-0414	Top Lock Tab Weld Nut 1/4-20
22.	720-0223	Grip	61.	731-1426	Hubcap -Yellow
23.	732-0803A	Spring Lever	64.	725-0157	Cable Tie
24.	732-0832	Torsion Spring	65.	710-0604A	Hex Scr. 5/16-18
25.	736-0270	Bell Wash. .285 x .75 x .082	66.	754-0460	V-Belt
26.	736-0369	Fl. Wash..508 I.D. 1.000 x.020	67.	742-0741	21" Mulching Blade
27.	738-0529	Nut Shld. .825 Dia. x .165 Lg.	68.	753-0609	Blade Adapter Kit
28.	741-0324	Hx.Flq. Brg..506 I.D. x .590 L.	69.	736-0524A	Blade Bell Suport
29.	741-0522	Hx.Flq. Brg. .506 I.D. x.715 L.	70.	710-1257	Hex Bolt 3/8-24 x 2.5"Lg.
30.	741-0978	Hx. Slv. Brg..504 I.D. x .830 L.	72.	735-0639	Spark Plug Insulator
31.	748-0318	Wheel Ratchet	73.	731-1832	Side Discharge Chute
32.	750-0151	Spa. .550 I.D. x /750 O.D.	74.	731-1833	Mulch Cover
33.	750-0515	Spa. .51 .D. x .70 O.D. x 38 L.	75.	631-0066	Rear Chute Ass'y w/ Door
34.	750-0807	Spa. .385 x .624 x .700	76.	731-1713B	Discharge Chute
35.	750-1056	Shld. Spa. .385 I.D. X .715 Lg.	77.	747-0965	Pivot Rod
36.	782-0568	Brkt. - Ht. Adj. Spring	78.	732-0819	Torsion Spring
37.	682-3052	Handle Brkt. Ass'y. R.H.	79.	726-0111	Push Cap
38.	682-3053	Handle Brkt. Ass'y. L.H.	80.	731-1874	Chute Door
39.	710-1348	Scr. AB 1/4-14 x .500			

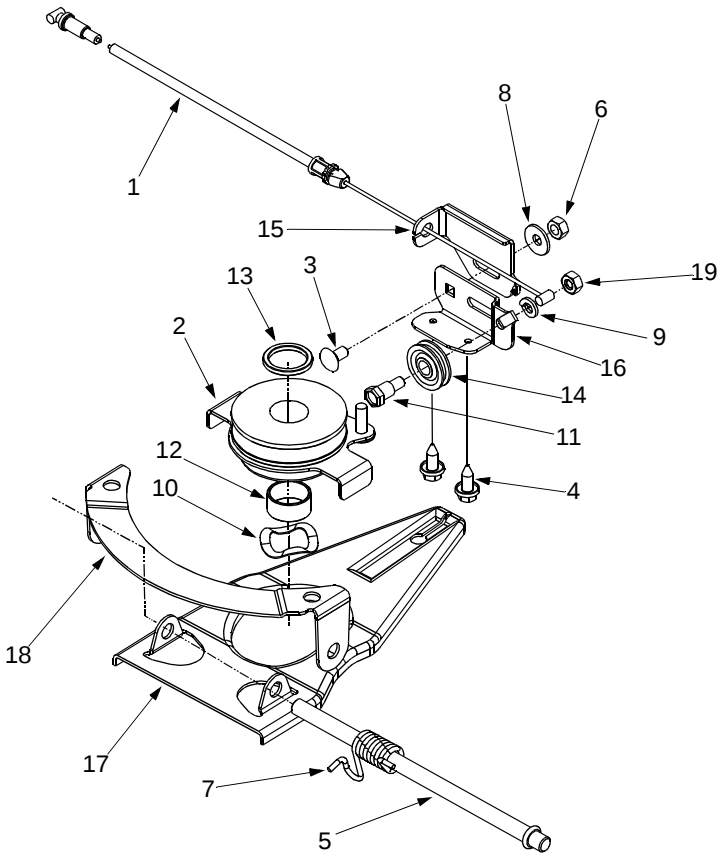
Model 979T



Model 979T

Ref. No.	Part No.	Part Description	Ref. No.	Part No.	Part Description
1.	710-1174	Bolt Cur. Carr. 5/16-18 x 2.0	21.	16864	6 Spd. Rack Cable Brkt.
2.	714-0104	Cotter Pin .072 x 1.12 Lg.	22.	731-0905A	Lower Control Housing
3.	720-0241	Knob Ass'y Wingnut 5/16-18	23.	731-0906	Cable Mounting Cap
4.	726-0240	Cable Tie	24.	731-0620	Control Lever
5.	736-0451	Wash. Sad. .320 ID x.830 OD	25.	746-0939	6 Spd. Cable
6.	712-0429	Hex Nut 5/16	26.	746-0711A	S.P. Cable
7.	731-2532	Control Cover LH	27.	647-0058	Control Handle
8.	731-2533	Control Cover RH	28.	720-0294	Foam Grip (2 Reqd.)
9.	720-0428	Button	29.	749-1405	Upper Handle
10.	715-0168	Pin	30.	749-0907A	Lower Handle
11.	782-0156	Lever	31.	631-0071	Grassbag Cover w/Label
12.	710-1256	Hi-Low Screw	32.	747-0939	Pivot Rod
13.	732-1171	Compression Spring	33.	726-0106	Cap Nut
14.	716-0209	Retaining Ring	34.	747-0937	Frame - Grassbag
15.	732-1172	Torsion Spring	35.	747-0940A	Rod, Support w/ Rope Guide
16.	731-0904A	Upper Control Housing	36.	664-0074	Grassbag
17.	731-0924	6 Speed Shift Lever	37.	746-1141	Control Cable 58.25"
18.	713-0397	Gear Insert	38.	712-0397	Wing Nut
19.	710-1667A	C Sunk Tap Screw #10 x .75 L	39.	710-0703	Carriage Bolt 1/4-20
20.	732-0627	Shift Lever Spring			

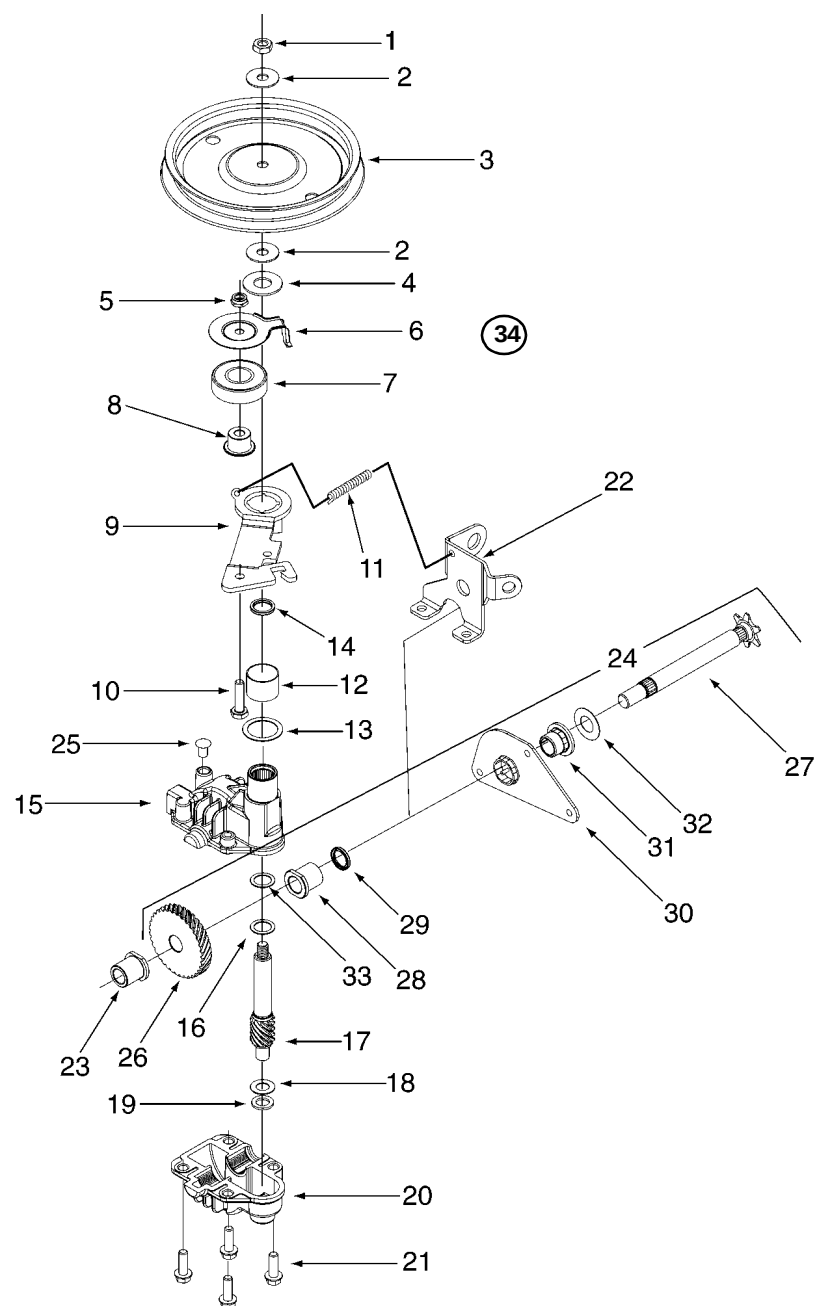
Model 979T



Model 979T

Ref. No.	Part No.	Part Description
1.	746-0939	6 Spd. Cable
2.	656-0613	Pulley Ass'y Multi- Spd.
3.	710-0167	Scr. 1/4-20 x .50 Carr.
4.	710-0896	Scr. AB 1/4-14 x .625 Hxinwsh
5.	711-1114	Pivot Shaft
6.	712-3006	Nut 1/4-20
7.	732-0807	Torsion Spring LH
8.	736-0270	Bell Wash. .265 X .75 X .062
9.	736-0329	Lock Wash. 1/4 Reg Duty
10.	736-0526	Wave Wash. 1.38 x .88 x .029
11.	738-0924	Shld.Scr. .375 x1/4-14AB
12.	750-1070	Slev Spcr .88 IDx1.00 OD x.48
13.	750-1071	Slev Spcr .88ID x1.13ID x .12
14.	756-0625	Roller Cable
15.	782-7574A	6 Spd. Cable Adj. Bracket
16.	782-7575A	6 Spd. Cable Mt. Bracket
17.	782-7596	6 Sp. Control Arm
18.	782-7597	6 Sp. Pivot Bracket
19.	712-0138	Hex Nut 1/4-28

Model 979T



Model 979T

Ref. No.	Part No.	Part Description
1.	712-3025	Hex Jam Nut 5/16-24
2.	736-0425	Bell Washer .325 x .930
3.	756-0656	Pulley
4.	736-3084	Flat Washer .510 x 1.120
5.	712-0896	Hex Jam Nut 1/4-28
6.	782-7598	Belt Keeper
7.	741-0600	Bearing
8.	750-1050	Flange Spacer
9.	682-0027A	Idler Bracket Assembly
10.	710-0299	Hex Cap Screw 1/4-28x 1.0
11.	732-0849A	Extension Spring
12.	741-0682A	Bearing Sleeve
13.	736-0570	Flat Washer .885 x 1.45
14.	721-0329	Oil Seal
15.	618-0253	Upper Housing Assembly
16.	736-0616	Thrust Washer .504 x .70
17.	717-1487	Pinion Shaft 10T
18.	736-0314	Thrust Washer 3/8 x .70
19.	736-0569	Thrust Washer .388 x .625
20.	618-0252	Lower Housing Assembly
21.	710-0642	Hex Screw 1/2-20 x .75
22.	782-7601A	Cable Bracket
23.	741-0674	Bearing
24.	611-0066	Shaft Assembly
25.	721-0325	Plug
26.	717-1469	Gear 34T
27.	711-1168	Output Shaft 6T
28.	741-0673	Flange Bearing
29.	721-0329	Oil Seal
30.	782-7595	Pivot Bracket
31.	741-0324	Flange Bearing
32.	736-0369	Flat Washer .508 ID x 1.0
33.	741-0690	Bearing
34.	618-0263A	Transmission Assembly Complete