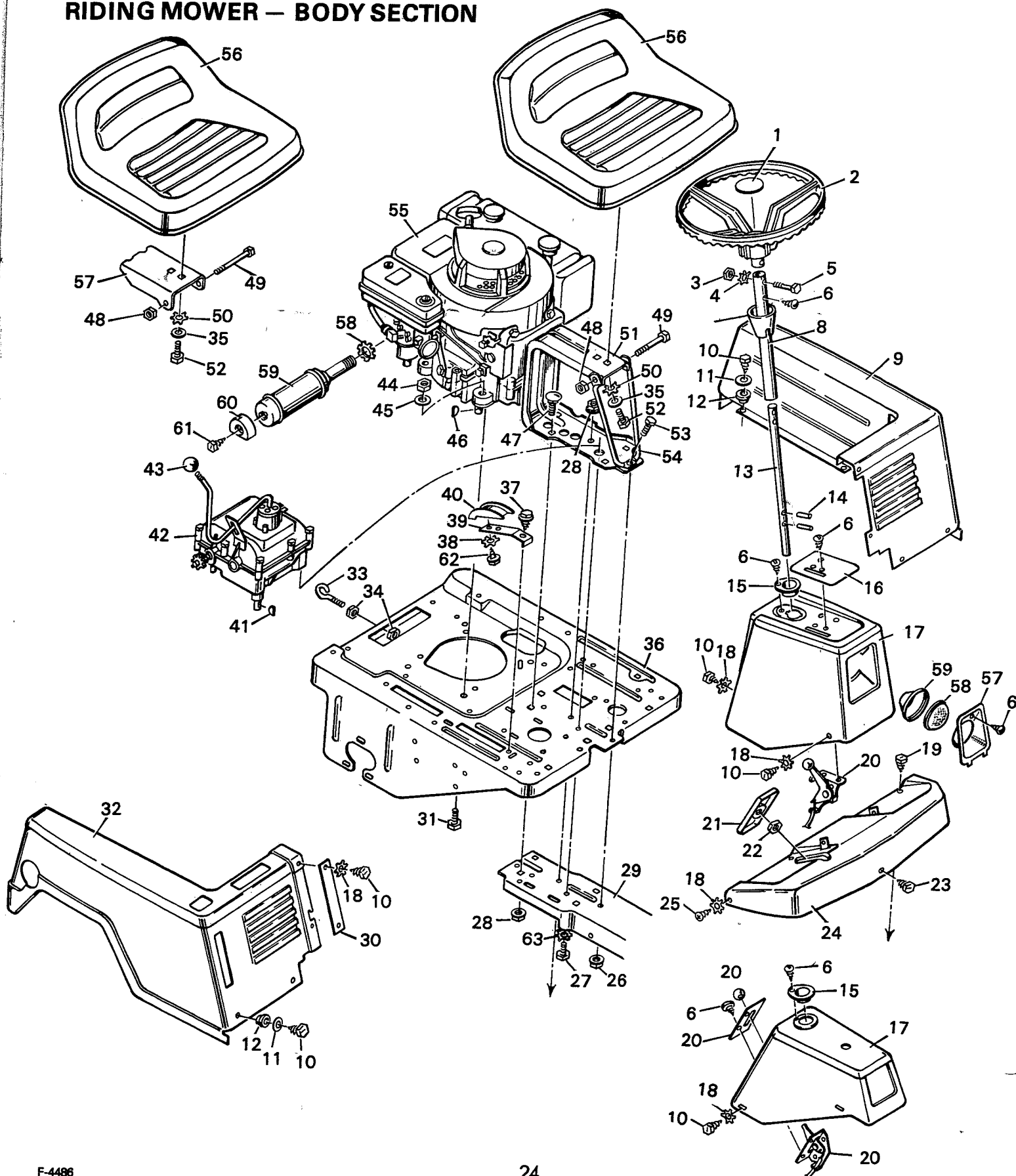


**MODEL 8-2503
MODEL 8-2513
MODEL 8-2523
RIDING MOWER — BODY SECTION**

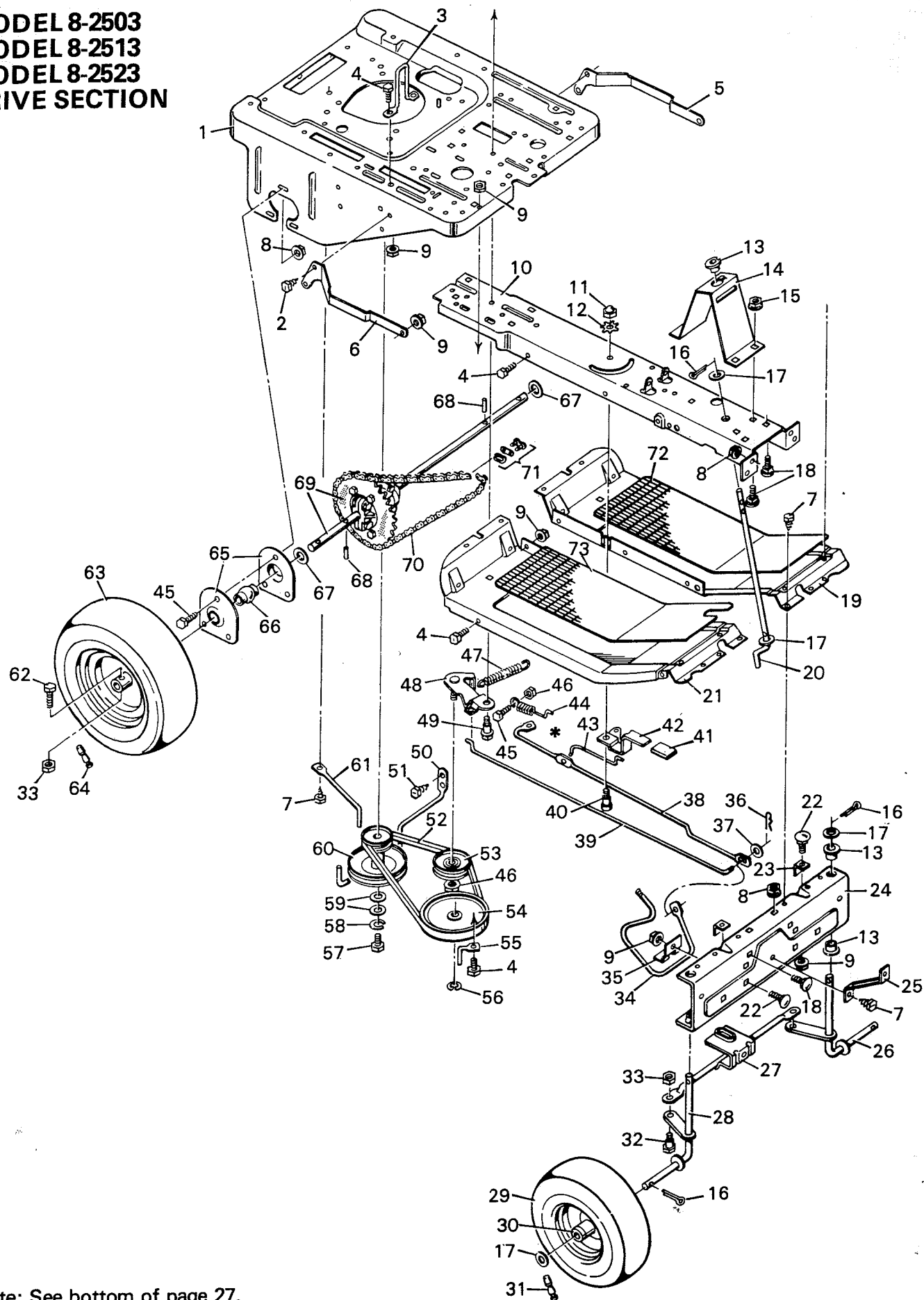


MODEL 8-2503
MODEL 8-2513
MODEL 8-2523

KEY NO.	MODEL 2523	MODEL 2513	MODEL 2503	DESCRIPTION
1	21303	21303	21303	Steering Wheel Cap
2	21302	21302	21302	Steering Wheel
3	15X1Z	15X1Z	15X1Z	Hex Nut 1/4-20
4	19X4	19X4	19X4	Shakeproof Washer
5	6X58	6X58	6X58	Hex Bolt 1/4-20X1 1/2
6	26X159	26X159	26X159	Self Tapping Screw #8X3/8
7	21171	21171	21171	Steering Wheel Collar
8	21172C	21172C	21172C	Sleeve
9	23422	23417	23421	L.H. Shroud Assembly
10	26X184	26X184	26X184	Screw #10X5/8
11	17X106	17X106	17X106	Washer
12	20720	20720	20720	Grommet
13	20865	20865	20865	Steering Post
14	32X70	32X70	32X70	Spring Pins
15	21034	21034	21034	Nylon Bearing
16	21241	21241	None	Control Plate
17	20497	20497	20565	Console Assembly
18	19X1	19X1	19X1	Shakeproof Washer
19	26X179	26X179	26X179	Screw #10X1/2
20	21222PA	21222PA	21221	Throttle Control
21	20575E	20575E	20575E	Pedal
22	15X63	15X63	15X63	Hex Nut 7/16-14X11/16
23	26X197	26X197	26X197	Hex Tapping Screw-5/16
24	20473	20473	20474	Apron Assembly
25	26X186	26X186	26X186	Truss Hd. Tap Screw #10X1/2
26	15X79	15X79	15X79	Hex Flange Nut 5/16-18
27	1X45Z	1X45Z	1X45Z	Hex Bolt 5/16-18X5/8
28	15X68	15X68	15X68	Hex Flange Nut 3/8-16X9/16
29	23117	23117	23405	Frame Channel
30	23113	23113	23113	Cover Plate
31	1X74	1X74	1X74	Engine Bolt 5/16-24X7/8
32	23417	23416	23419	R.H. Shroud Assembly
33	20696	20696	20696	Eye Bolt
34	15X33	15X33	15X33	Hex Nut 3/8-24X9/16
35	17X67Z	17X67Z	17X67Z	Washer
36	23427	23427	23427	Engine Base
37	26X174	26X174	26X174	Screw
38	19X4	19X4	19X4	Shakeproof Washer
39	23402	23402	23402	Idler Leaf Spring
40	23403	23403	23403	Guide Block
41	20697	20697	20697	Woodruff Key
42	23467PA	23467PA	23467PA	Transmission*
43	20844	20844	20844	Shifter Lever Knob
44	15X42	15X42	15X42	Hex Nut
45	17X47Z	17X47Z	17X47Z	Washer
46	20062	20062	20062	Woodruff Key
47	20661	20661	20661	Shoulder Screw
48	15X88Z	15X88Z	15X88Z	Flange Locknut 5/16-18
49	1X78	1X78	1X78	Bolt 5/16-18
50	19X36	19X36	19X36	Shakeproof Washer
51	23485	23485	23485	Seat Bracket
52	1X88	1X88	1X88	Hex Bolt 1/2-13X3/4
53	1X45Z	1X45Z	1X45Z	Hex Bolt 5/16-18X5/8
54	21999	21999	21999	Seat Support
55	----	----	----	Engine
56	21810	21810	21810	Seat
57	21048Z	None	None	Seat Hinge
58	23484	23484	None	Heavy Duty 3/4" Locknut
59	23483	23483	None	Muffler
60	23554	23554	None	Deflector
61	26X185	26X185	None	Screw
62	26X195	26X195	26X195	Screw
63	19X6	19X6	19X6	Shakeproof Washer
----	21817	21817	21817	Parts Bag Assembly

* Note: Complete Illustration of Transmission shown on page 83.

**MODEL 8-2503
MODEL 8-2513
MODEL 8-2523
DRIVE SECTION**



* Note: See bottom of page 27.

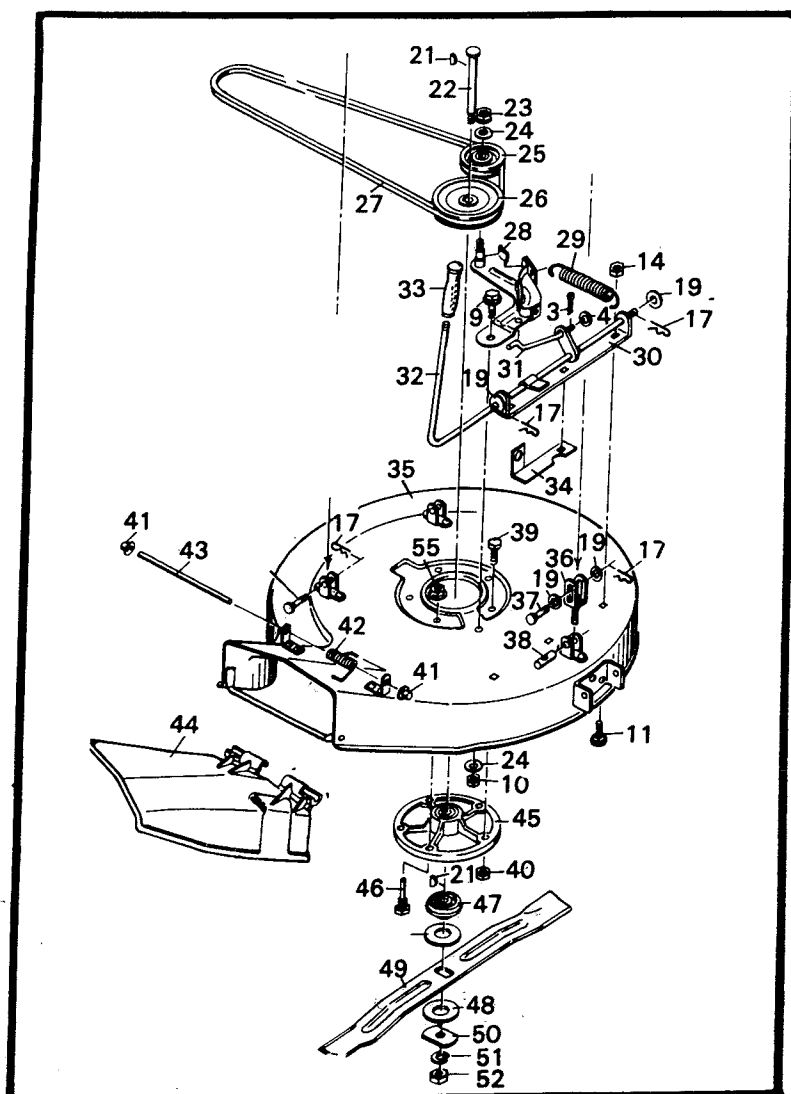
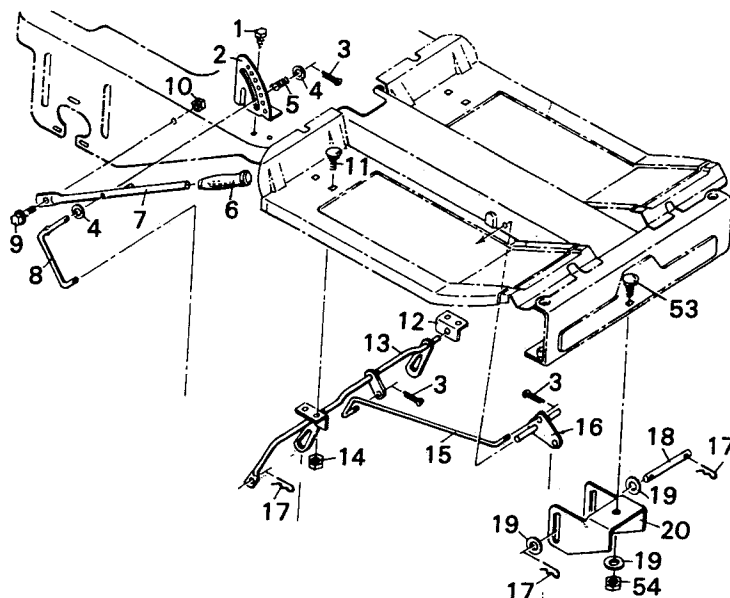
MODEL 8-2503
MODEL 8-2513
MODEL 8-2523

KEY NO.	MODEL 2523	MODEL 2513	MODEL 2503	DESCRIPTION	KEY NO.	MODEL 2523	MODEL 2513	MODEL 2503	DESCRIPTION
1	23427	23427	23427	Engine Base	36	20692	20692	20692	Cotter Hair Pin
2	15X49Z	15X49Z	15X49Z	Hex Nut - Machine Screw	37	17X32	17X32	17X32	Plain Washer
3	23553Z	23553Z	23553Z	Chain Clamp	38	23118	23118	23118	Brake Rod
4	1X45Z	1X45Z	1X45Z	Bolt 5/16-18X $\frac{5}{8}$	39	20669	20669	20669	Clutch & Brake Rod
5	23455	23455	23455	Running Board Support - L.H.	40	6X46	6X46	6X46	Shoulder Screw
6	23456	23456	23456	Running Board Support - R.H.	41	22196	22196	22196	Parking Brake Grip
7	26X197	26X197	26X197	Hex Tapping Screw	42	21829Z	21829Z	21829Z	Parking Brake Lever
8	15X85	15X85	15X85	Flange Nut $\frac{3}{8}$ X16	43	23120	23120	23120	Parking Brake Link
9	15X79	15X79	15X79	Hex Flange Nut 5/16-18	44	23119	23119	23119	Brake Spring
10	23117	23117	23405	Frame Channel	45	1X85Z	1X85Z	1X85Z	Bolt $\frac{3}{8}$ -16X $\frac{3}{4}$
11	14X77	14X77	14X77	Acorn Nut	46	15X84Z	15X84Z	15X84Z	Flange Locknut $\frac{3}{8}$ -16
12	19X4	19X4	19X4	Shakeproof Washer	47	20683	20683	20683	Drive Idler Spring* *
13	20587	20587	20587	Nylon Spindle Bearing	48	23122	23122	23122	Drive Idler Assembly
14	21071	21071	21071	Steering Support	49	20662Z	20662Z	20662Z	Shoulder Screw
15	15X68	15X68	15X68	Hex Nut $\frac{3}{8}$ -16	50	23438Z	23438Z	23438Z	Belt Guide
16	30X49	30X49	30X49	Cotter Pin	51	26X50	26X50	26X50	Screw
17	17X100Z	17X100Z	17X100Z	Plain Washer	52	20716	20716	20716	Drive Belt
18	2X56	2X56	2X56	Carriage Bolt $\frac{3}{8}$ -16X $\frac{3}{4}$	53	20613	20613	20613	Idler Pulley
19	21894	21894	21894	Running Board L.H.	54	20614	20614	20614	Transmission Pulley
20	20864	20864	20864	Lower Steering Post	55	23470Z	23470Z	23470Z	Belt Guide
21	21873	21873	21873	Running Board R.H.	56	11X7	11X7	11X7	Retainer Ring
22	2X53	2X53	2X53	Carriage Bolt 5/16-18X $\frac{5}{8}$	57	1X20	1X20	1X20	Bolt $\frac{3}{8}$ -24X1
23	20709	20709	20709	Stop Clip	58	19X39	19X39	19X39	Shakeproof Washer
24	20545	20545	20545	Front Axle Beam	59	10851Z	10851Z	10851Z	Washer
25	20639	20639	20639	Apron Support	60	23505	23505	23505	Stack Pulley Assembly
26	23527	23527	23527	Spindle Arm L.H.	61	23469Z	23469Z	23469Z	Stack Pulley Belt Guide
27	21993	21993	21993	Tie Bar & Bracket	62	1x81	1X81	1X81	Bolt 5/16-18X1 $\frac{5}{8}$
28	23526	23526	23526	Spindle Arm R.H.	63	20752	20752	20751	Rear Wheel & Tire
29	20743	20743	20742	Front Wheel & Tire		133X3	133X3	133X1	Tire Only
	133X2	133X2	-----	Tire Only		-----	-----	134X1	Tube Only
	134X2	134X2	-----	Tube Only		135X3	135X3	135X1	Wheel Only
	135X2	135X2	-----	Wheel Only	64	400162	400162	-----	Valve Stem & Cap - Tubeless
30	20745	20745	20745	Front Wheel Bearing	65	20570Z	20570Z	20570Z	Bearing Retainer
32	20660	20660	20660	Shoulder Bolt	66	20568	20568	20568	Rear Axle Bearing
33	15X88	15X88	15X88	Flange Nut 5/16-18	67	61961Z	61961Z	61961Z	Washer
34	20645	20645	20645	Clutch & Brake Lever	68	32X65	32X65	32X65	Roll Pin
35	20572	20572	20572	Clutch & Brake Lever Clamp	69	20685	20685	20685	Differential & Axle Unit *
					70	23468	23468	23468	Roller Chain 39 $\frac{1}{2}$ "
					71	20730	20730	20730	Connecting Link
					72	20691	20691	20691	L.H. Rubber Mat
					73	20690	20690	20690	R.H. Rubber Mat

* Note: Complete Illustration of Differential on page 85.

* * Note: Some Models are equipped with an additional spring part No. 23266.

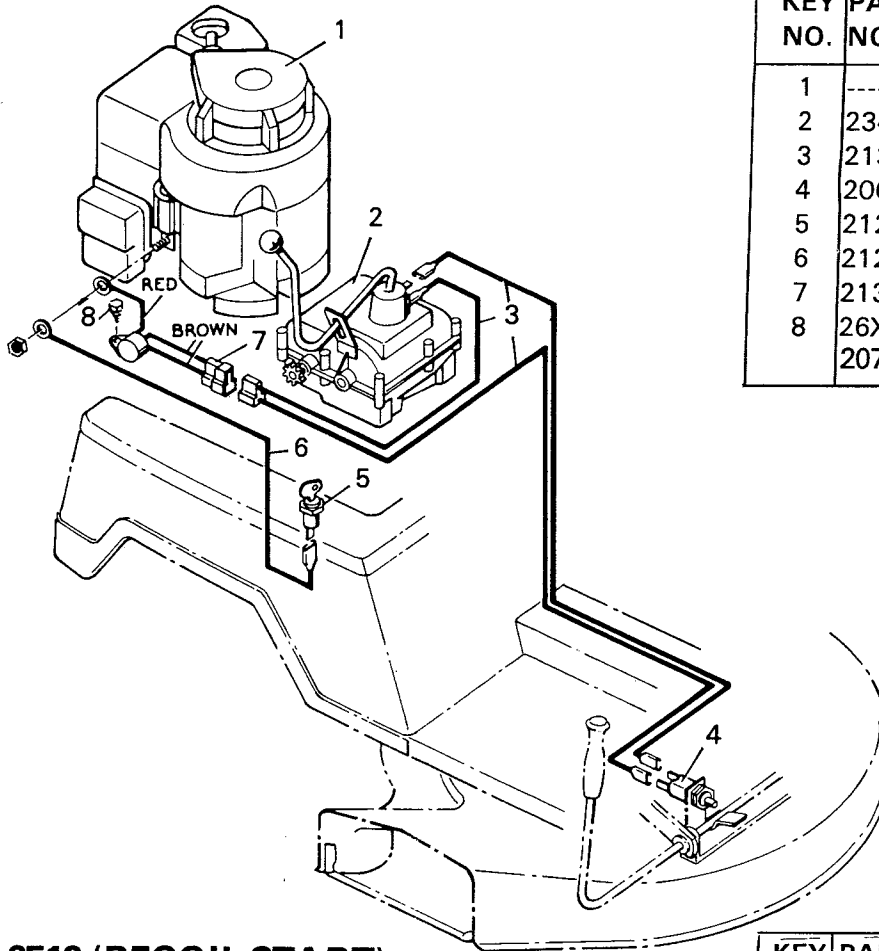
**MODEL 8-2503
MODEL 8-2513
MODEL 8-2523
BLADE HOUSING**



KEY NO.	PART NO.	DESCRIPTION
1	26X197	Hex Tapping Screw 5/16" x 5/8"
2	20636	Index Bracket
3	30X20	Cotter Pin
4	17X46Z	Washer
5	20680	Lifter Spring
6	20718	Grip - Lifting Lever
7	20658Z	Lever & Pin Assembly
8	21886Z	Lifter Rod
9	20661	Shoulder Bolt
10	15X68	Locknut 3/8"-16
11	2X53	Carriage Bolt 5/16-18X5/8
12	21876	Rear Bracket
13	21874	Rear Lifter Rod Ass'y.
14	15X79	Hex Nut 5/16-18
15	21888	Lifter Link
16	21880	Pivot Arm & Rod Ass'y.- Low Console Models
	21982	Pivot Arm & Rod Ass'y.- High Console Models
17	30X20	Cotter Pin
18	21890Z	Pin
19	17X67Z	Washer
20	21885	Front Suspension Bracket
21	20062	Woodruff Key
22	20616	Jackshaft
23	15X84Z	Locknut 3/8"-16
24	17X53Z	Washer
25	20613	Idler Pulley
26	20615	Jackshaft Pulley
27	20717	Blade Belt 1/2" x 56"
28	20671	Idler Brkt. & Brake Ass'y.
29	20681	Blade Idler Spring
30	20666	Front Scissor Bracket
31	20673Z	Rod - Blade Brake
32	21213Z	Lever & Link Ass'y.
33	20719	Grip
34	21216	Switch Retainer
35	21872	Blade Housing
36	21883	Slotted Bracket & Bolt Ass'y.
37	21891	Clevis Pin
38	21892	Lifter Pin
39	1X84Z	Hex Bolt 5/16" - 18 x 7/8"
40	15X88Z	Hex Nut 5/16" - 18
41	28X23	Push-On-Cap
42	21189	Torsion Spring
43	21197Z	Deflector Rod
44	21151	Chute Deflector
45	20551	Jackshaft Housing Assy.
46	20619Z	Guide Bolt
47	20617	Blade Adapter
48	21673Z	Washer
49	20083	Blade
50	20663Z	Blade Washer
51	18X27	Lockwasher
52	15X72	Blade Mounting Nut 1/4 - 20
53	2X55	Carriage Bolt
54	15X41	Hex Nut
55	15X91	Hex Nut
	404025	Complete Blade Housing Assy. (Shown In Box)

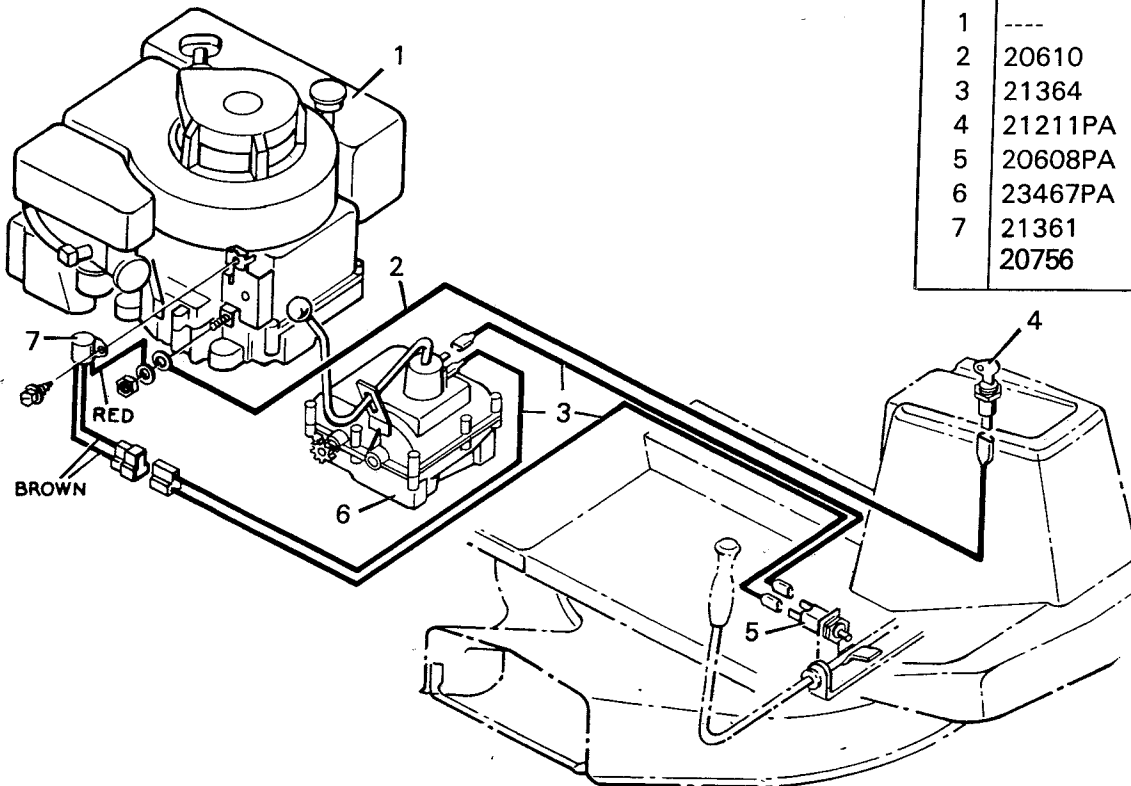
WIRING DIAGRAM

MODEL 8-2503 (RECOIL START)



KEY NO.	PART NO.	DESCRIPTION
1	----	Engine
2	23467PA	Transmission
3	21364	Wiring Harness
4	20608PA	Limit Switch
5	21211PA	Stop Switch & Key
6	21212	Jumper Wire
7	21361	Control Module
8	26X185 20756	Screw Key Only

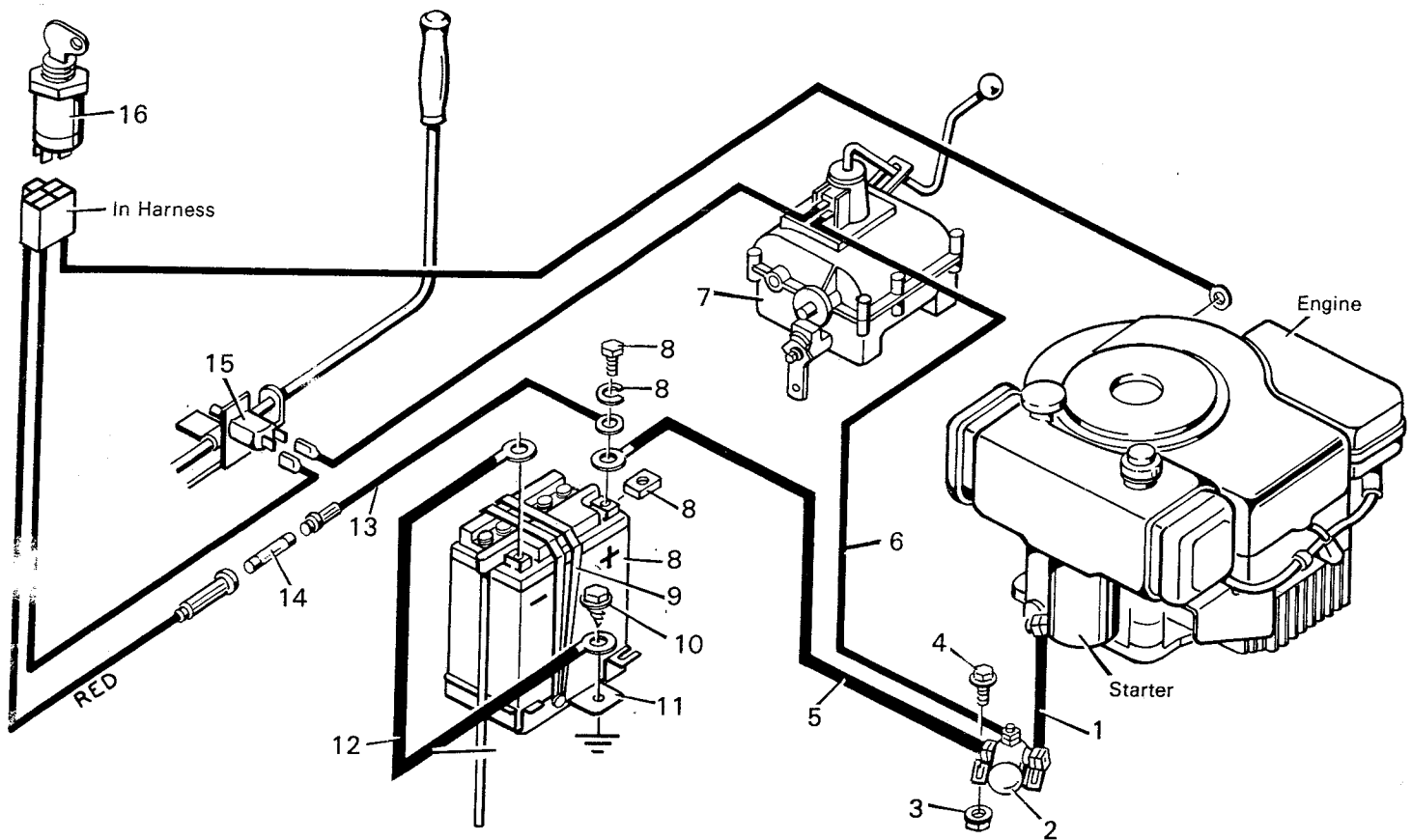
MODEL 8-2513 (RECOIL START)



KEY NO.	PART NO.	DESCRIPTION
1	----	Engine
2	20610	Jumper Wire
3	21364	Wiring Harness
4	21211PA	Stop Switch & Key
5	20608PA	Limit Switch
6	23467PA	Transmission
7	21361 20756	Control Module Key Only

WIRING DIAGRAM

MODEL 8-2523 (ELECTRIC START)



KEY NO.	PART NO.	DESCRIPTION
1	21263	Battery Wire (Short)
2	21261	Solenoid
3	15X66	Keps Nut
4	26X184	Bolt
5	21264	Battery Wire (long)
6	21212	Wire W/Eyelet & Spade Terminal
7	23467PA	Transmission
8	23581	Battery - JB9 <i>725-514</i>
9	23552	Battery Strap
10	26X174	Screw
11	23580	Battery Box
12	20762	Ground Battery Cable
13	21296	Jumper Wire W/Fuse Knob
14	21023	Fuse - 15 Amp.
15	20608PA	Safety Switch
16	21064PA	Switch & Key
	20729	Key Only