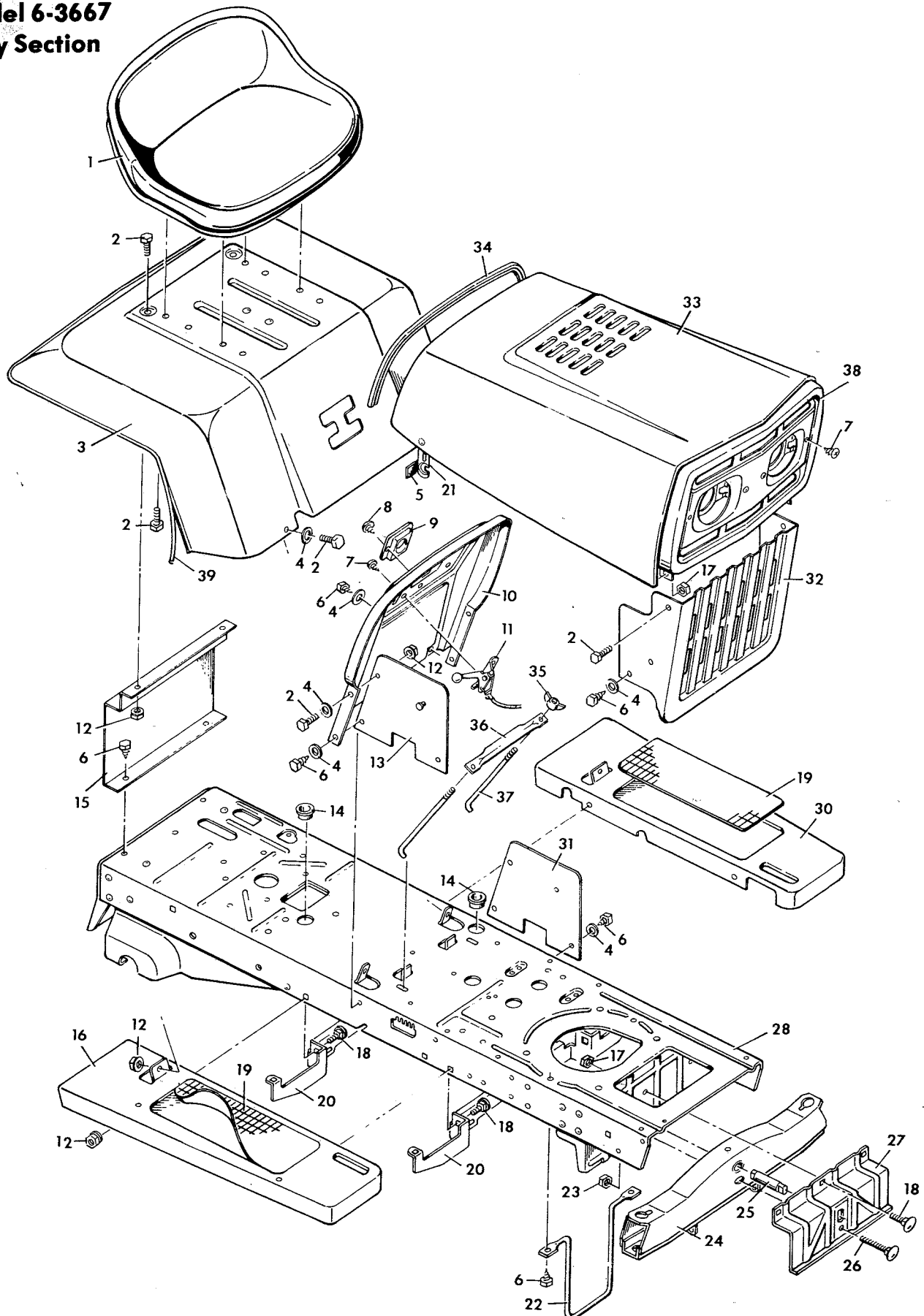


Model 6-3666
Model 6-3667
Body Section

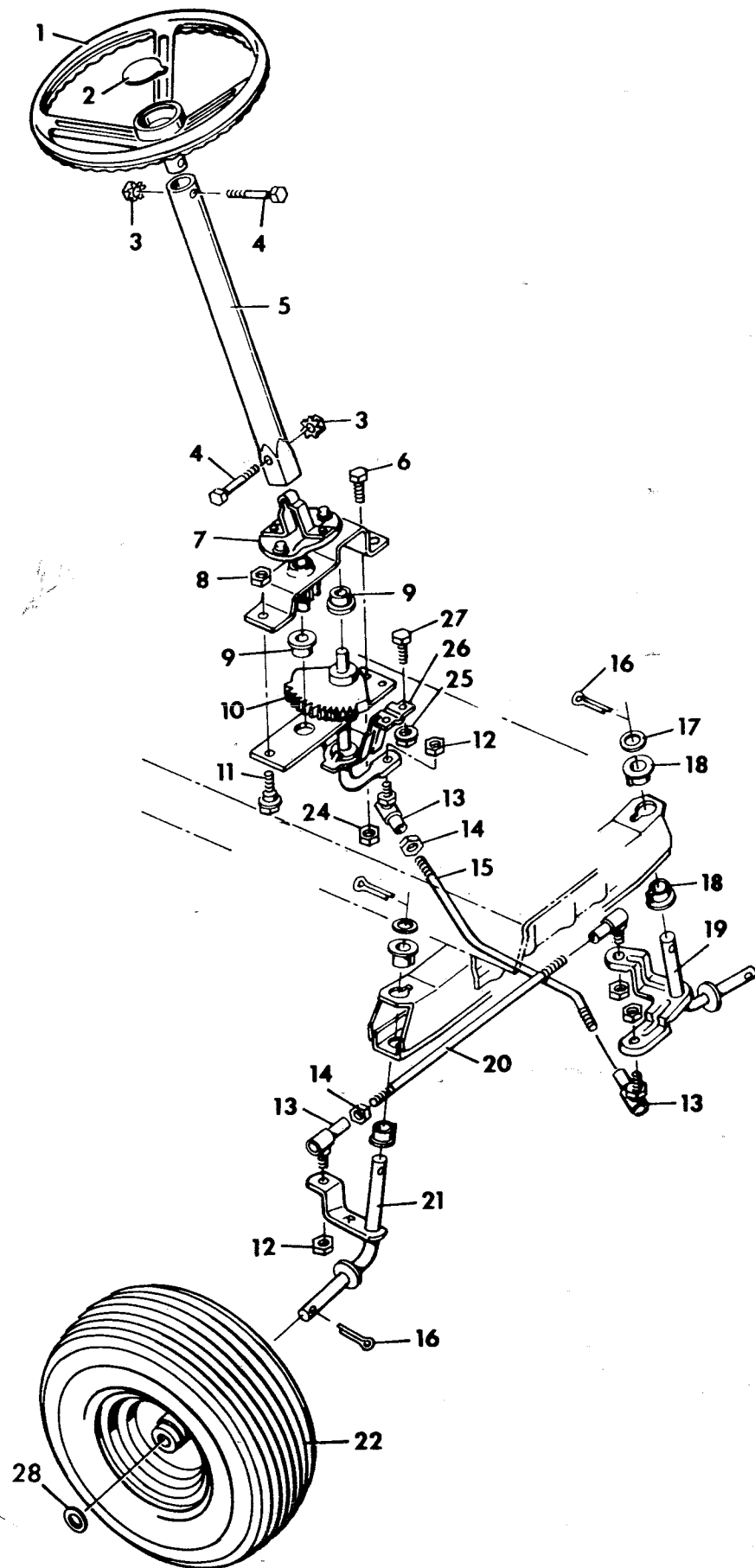


Model 6-3666

Model 6-3667

Key No.	Part No.	Description
1	21970	Seat
2	1X45	Bolt 5/16" - 18X5/8"
3	21700	Rear Shroud
4	17X47Z	Washer
5	21434	Grip
6	26X174	Screw 5/16X5/8 Type B
7	26X159	Screw #8X3/8" Type A
8	26X186	Screw #10X1/2" Type AB
9	21707	Steering Post Bearing
10	21709	Control Panel
11	21540PA	Remote Control
12	15X79Z	Flange Nut 5/16" - 18
13	21792	Side Plate R.H.
14	21268	Grommet
15	21714	Rear Shroud Support
16	21934	Running Board R.H.
17	15X43	Lock Nut 5/16" - 18
18	2X53	Carriage Bolt 5/16" - 18X5
19	21710	Rubber Mat
20	21547	Running Board Support
21	403040	Hood Latch R.H.
---	403041	Hood Latch L.H.
22	21418Z	Belt Guide
23	15X84	Lock Nut 3/8" - 16
24	21441	Front Axle Ass'y.
25	21469	Pivot Pin
26	2X60	Carriage Bolt 3/8"-16X3"
27	21534	Front Axle Hanger
28	403037	Frame Ass'y.
30	21935	Running Board L.H.
31	21793	Side Plate L.H.
32	21713	Lower Grill
33	21708	Hood
34	21765	Edge Trim
35	14X79	Wing Nut
36	21761Z	Battery Clamp
37	21762Z	Battery Clamp Rod
38	400201	Upper Grill w/Light
39	21789	Edge Trim

Model 6-3666
Model 6-3667
Steering Section

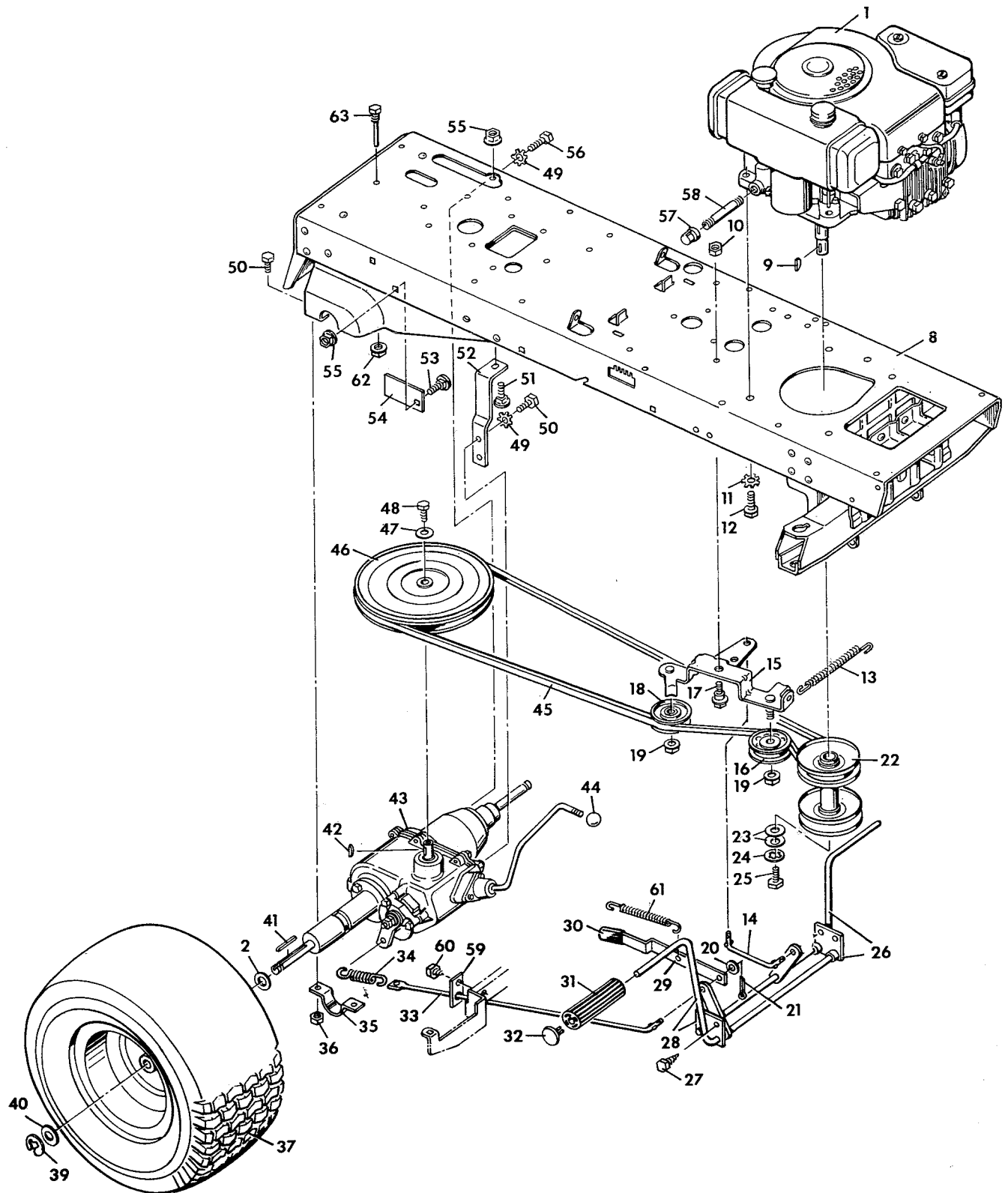


Model 6-3666

Model 6-3667

Key No.	Part No.	Description
1	21688	Steering Wheel
2	21303	Steering Wheel Cap
3	15X76	Keps Nut 5/16"-18
4	1X75	Bolt 5/16"-18X1 3/4"
5	21486C	Steering Post
6	1X73Z	Screw 5/16" - 18X7/8"
7	21493	Steering Gear & Coupling Ass'y.
8	15X84	Locknut 3/8"-16
9	20587	Bearing
10	21692	Steering Arm Gear & Brkt. Ass'y.
11	21426	Shoulder Bolt
12	15X77	Locknut 3/8"-24
13	21031	Ball Joint
14	15X61	Hex Nut 3/8"-24
15	21482	Drag Link Rod
16	30X49	Cotter Pin 1 1/4"
17	17X83Z	Washer
18	21401	Spindle Bearings
19	21476	Spindle Ass'y. L.H.
20	21475	Tie Rod Ass'y.
21	21479	Spindle Ass'y. R.H.
22	21527	Front Wheel & Tire
	403000	Rim Only
	403001	Tire Only
	400162	Valve Stem & Cap
	403010	Front Wheel Bearing
24	15X43Z	Locknut 5/16" - 18
25	15X79	Flange Nuts 5/16-18
26	21693	Steering Bracket
27	1X45	Bolt 5/16-18X5/8"
28	17X115	Washer
	21747	Parts Bag

**Model 6-3666 (8 hp.)
Drive Section**



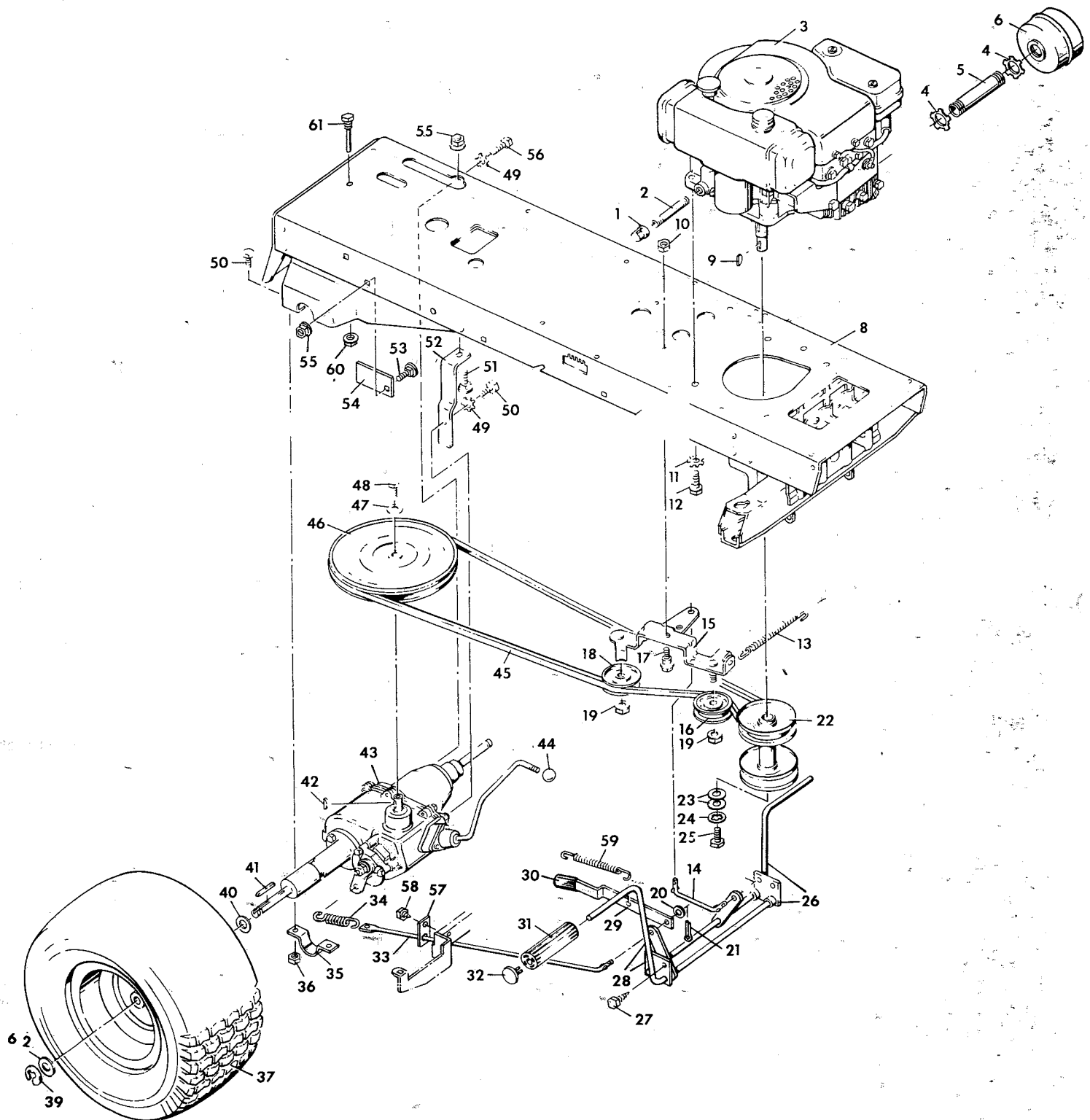
Model 6-3666 (8 hp.)

Key No.	Part No.	Description	Key No.	Part No.	Description
1	----	Engine†	37	21526	Wheel & Tire 18X9.50-8
2	21521	Washer		21648	Wheel & Tire 18X8.50-8
8	403037	Frame Ass'y.		403004	Wheel Only
9	20662	Woodruff Key #6		403005	Tire 18X9.50-8
10	15X84	Lock Nut 3/8"-16		403007	Tire 18X8.50-8
11	18X8	Lock Washer		400162	Valve Stem & Cap
12	20103	Engine Bolt 3/8"-16X1"	39	21432	E-Ring
13	20684	Spring	40	17X115	Washer
14	21681	Clutch Link Rod	41	21553	Square Key
15	21428	Idler Bracket & Stud Ass'y.	42	21539	Woodruff Key
16	21409	Idler Pulley	43	----	Transaxle #
17	21426	Shoulder Bolt 3/8"-16X7/8"	44	20844	Knob
18	20613	Idler Pulley	45	21615	Drive Belt 1/2"X95"
19	15X84	Lock Nut 3/8"-16	46	21447	Input Pulley
20	17X47Z	Washer	47	18X30	Lockwasher
21	30X20	Cotter Pin 3/4"	48	1X38	Bolt 1/4"-20X5/8"
22	21415Z	Stack Pulley	49	18X15	Lock Washer
23	10851Z	Washer	50	1X73	Bolt 5/16"-18X7/8"
24	19X39	Shakeproof Washer	51	2X57	Carriage Bolt 3/8" - 16X7/8"
25	1X20	Bolt 3/8"-24X1"	52	21440Z	Transaxle Support Bracket
26	21951	Clutch Lever Ass'y.	53	2X56	Carriage Bolt 3/8"-16X3/4"
27	26X174	Screw 5/16"X3/4" Type A	54	21638	Belt Guide
28	21948	Brake Lever Ass'y.	55	15X68	Lock Nut 3/8"-16
29	21484Z	Parking Brake Arm	56	1X84	Bolt 5/16"-18X1"
30	21434	Grip	57	21651	Cap
31	21544	Pedal	58	21749	Oil Drain Extension
32	21535	Cap	59	21678Z	Brake Rod Support
33	21472Z	Brake Rod	60	26X185	Screw #10X1/2" Type AB
34	21675	Spring	61	20682	Spring
35	21473	Transaxle Clamp	62	15X79	Lock Nut
36	15X43Z	Lock Nut 5/16"-18	63	20619	Belt Guide

†NOTE: Your Engine Model, Type and Code Number is stamped on Blower Housing.

#NOTE: Transaxle parts available through Techumseh Dealer's Only. Complete illustration shown on page 83.

**Model 6-3667 (10 hp.)
Drive Section**



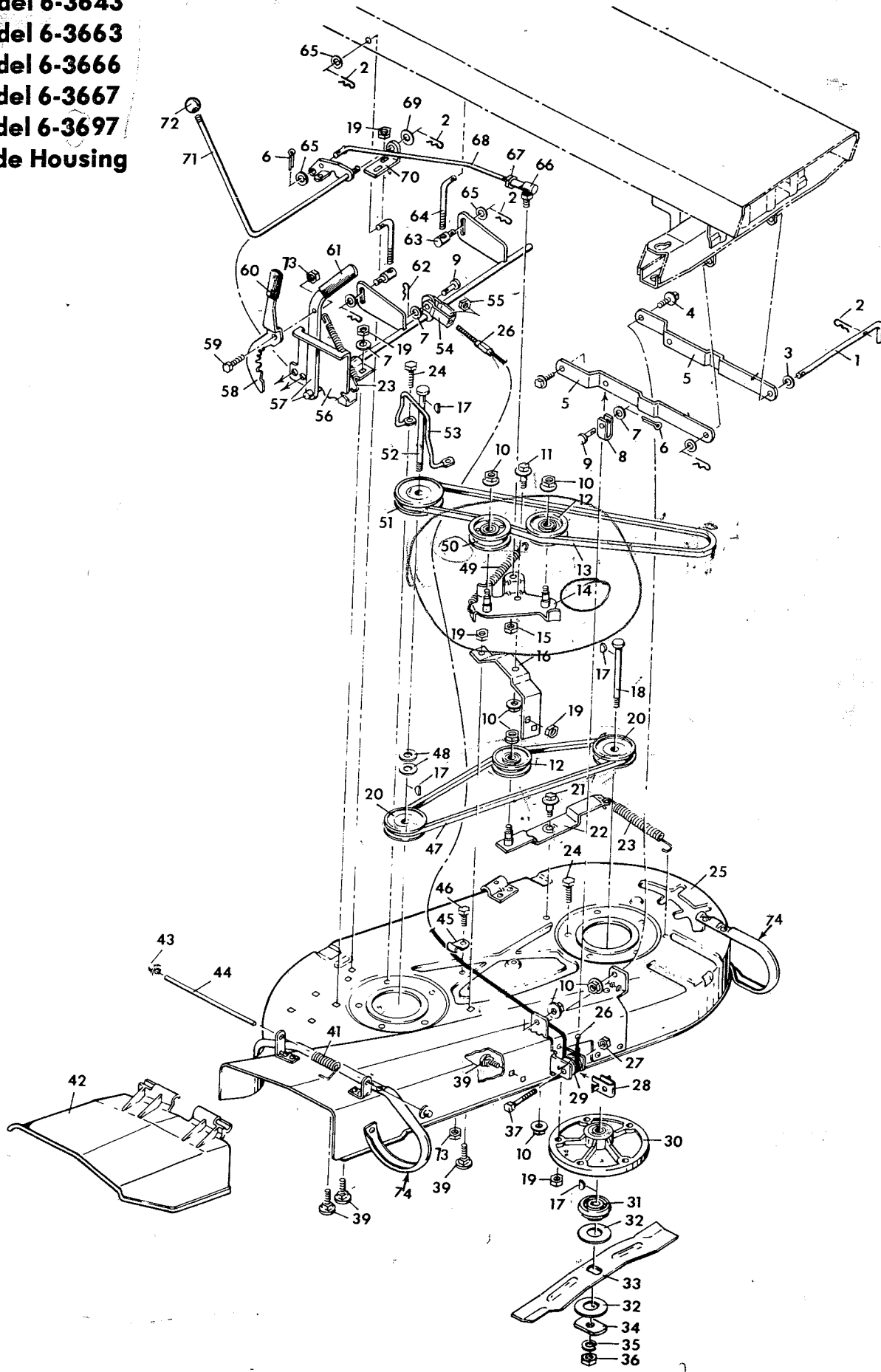
Model 6-3667 (10 hp.)

Key No.	Part No.	Description	Key No.	Part No.	Description
1	21651	Cap	35	21473	Transaxle Clamp
2	21749	Oil Drain Extension	36	15X43Z	Lock Nut 5/16"-18
3	----	Engine†	37	21526	Wheel & Tire 18X9.50-8
4	21616	Lock Nut		21648	Wheel & Tire 18X8.50-8
5	21766	Muffler Extension		403004	Wheel Only
6	----	Muffler†		403005	Tire 18X9.50-8
8	403037	Frame Ass'y.		403007	Tire 18X8.50-8
9	20662	Woodruff Key #6		400162	Valve Stem & Cap
10	15X84	Lock Nut 3/8"-16	39	21432	E-Ring
11	19X8	Lock Washer	40	21521	Washer
12	20103	Engine Bolt 3/8" - 16X1"	41	21553	Square Key
13	20684	Spring	42	21539	Woodruff Key
14	21681	Clutch Link Rod	43	----	Transaxle #
15	21428	Idler Bracket & Stud Ass'y.	44	20844	Knob
16	21409	Idler Pulley	45	21615	Drive Belt ½"X95"
17	21426	Shoulder Bolt 3/8" - 16X7/8"	46	21447	Input Pulley
18	20613	Idler Pulley	47	18X30	Lockwasher
19	15X84	Flange Lock Nut 3/8-16	48	1X38	Bolt ¼"-20X5/8"
20	17X47Z	Washer	49	18X15	Lock Washer
21	30X20	Cotter Pin ¾"	50	1X73	Bolt 5/16"-18X7/8"
22	21415Z	Stack Pulley	51	2X57	Carriage Bolt 3/8"-16X7/8"
23	10851Z	Washer	52	21440Z	Transaxle Support Bracket
24	19X39	Shakeproof Washer	53	2X56	Carriage Bolt 3/8"-16X¾"
25	1X20	Bolt 3/8"-24X1"	54	21683	Belt Guide
26	21951	Clutch Lever Ass'y.	55	15X68	Lock Nut 3/8"-16
27	26X174	Screw	56	1X84	Bolt 5/16"-18X1"
28	21948	Brake Lever Ass'y.	57	21678Z	Brake Rod Support
29	21484Z	Parking Brake Arm	58	26X185	Screw #19X½" Type AB
30	21434	Grip	59	20682	Spring
31	21544	Pedal	60	15X79	Lock Nut
32	21535	Cap	61	20619	Belt Guide
33	21472Z	Brake Rod	62	17X115	Washer
34	21675	Spring			

†NOTE: Your Engine Model, Type and Code Number is stamped on Blower Housing.

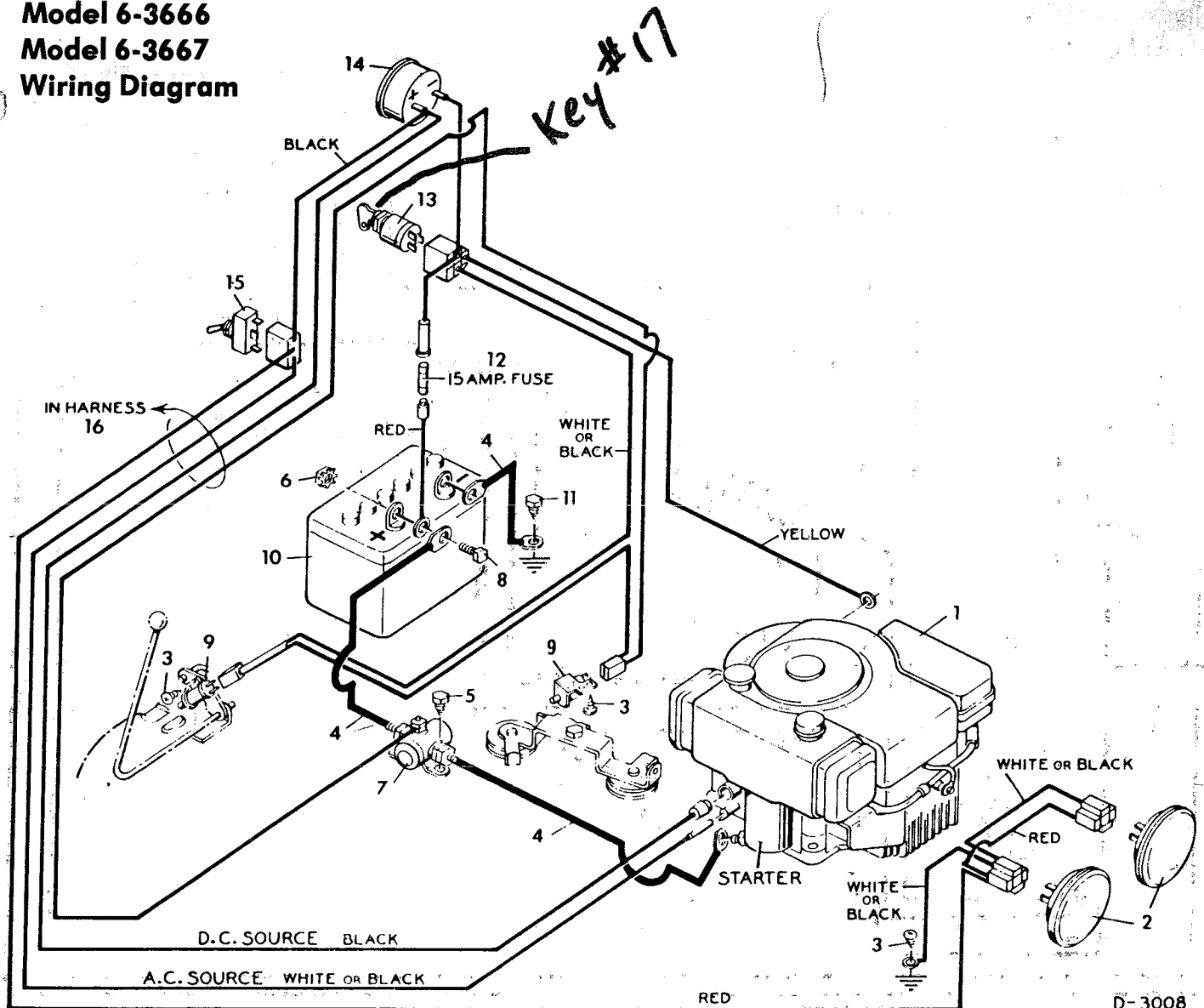
#NOTE: Transaxle parts available through Tecumseh Dealer's only. Complete illustration shown on page 83.

Model 6-3643
Model 6-3663
Model 6-3666
Model 6-3667
Model 6-3697
Blade Housing



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	21912Z	Pull Pin	39	2X53	Carriage Bolt
2	20692	Hair Pin	41	21189	Torsion Spring
3	17X57Z	Washer	42	21828	Chute Deflector
4	20661	Shoulder Bolt	43	28X23	Push-On-Cap
5	21911	Support Arms	44	21198Z	Pivot Rod
6	30X20	Cotter Pins	45	21953Z	Cable Guide
7	17X47Z	Washer	46	1X38	Bolt 1/4"-20X5/8"
8	21914Z	Clevis	47	20557	Cross Drive Belt 1/2" X 46"
9	29X93	Clevis Pin	48	17X87Z	Washers
10	15X84	Flange Locknut 3/8" - 16	49	20684	Idler Spring
11	21426	Shoulder Bolt 3/8" - 16X7/8"	50	21409	Idler Pulley
12	20613	Idler Pulley	51	21096	Jackshaft Pulley
13	21649	Blade Drive Belt 1/2"X55"	52	21024	Jackshaft - Long
14	21503	Blade Drive Idler Ass'y.	53	21504Z	Belt Guide
15	15X77	Locknut 3/8"-24	54	21915Z	Adjusting Clevis
16	21496	Idler Support Bracket	55	15X2	Hex Nut 5/16" - 18
17	20062	Woodruff Key # 6	56	21500	Lifter Bracket
18	20616	Jackshaft - Short	57	21906	Lifter Ass'y.
19	15X43	Nut 5/16"-18	58	21591Z	Latch
20	21022	Jackshaft Pulley	59	6X46	Shoulder Bolt 1/4"-20X37/64
21	20662	Shoulder Bolt	60	20476	Grip
22	21139Z	Idler Bracket Ass'y.	61	21249	Grip
23	20682	Spring	62	20101	Hair Pin
24	1X84	Bolt 5/16"-18X1"	63	21920	Adjusting Nuts
25	21907	Blade Housing	64	21918Z	Adjusting Rods
26	21913	Lift Cable	65	17X53Z	Washer
27	15X82	Hex Nut 1/4"-20	66	21031	Ball Joint
28	21917Z	Cable Guide	67	15X61	Hex Nut 3/8" - 24
29	21916	Nylon Pulley	68	21517	Link Rod
30	20551	Jackshaft Housing	69	17X67Z	Washer
31	20617	Blade Adapter	70	20934	Bracket
32	21673Z	Washer	71	21515C	Blade Drive Lever Ass'y.
33	20930	Blade	72	20739	Knob
34	20663	Blade Washer	73	15X67	Hex Nut 1/4" - 20
35	18X27	Lockwasher	74	404015	Skid Set
36	15X72	Hex Nut 1/2"-20		404036	Complete Blade Housing Assembly
37	1X90	Bolt 1/4"-20X1-3/4"			

**Model 6-3666
Model 6-3667
Wiring Diagram**



D-3008

PARTS LIST

Key No.	Part No.	Description
1		Engine
2	20837	Seal Beam Light
3	26X159	Screw
4	21263	Battery Cable
5	26X186	Screw
6	15X66	Keps Nut
7	21261	Solenoid
8	1X38	Bolt 1/4-20
9	21549	Safety Switch
10	21075	Battery
11	26X197	Screw
12	21023	Fuse 15 Amp.
13	21064PA	Switch & Key
14	21057PA	Ammeter Assy.
15	21686PA	Light Switch
16	21746	Wiring Harness
17	20729	Key Only

5 prong

21571-3 prong