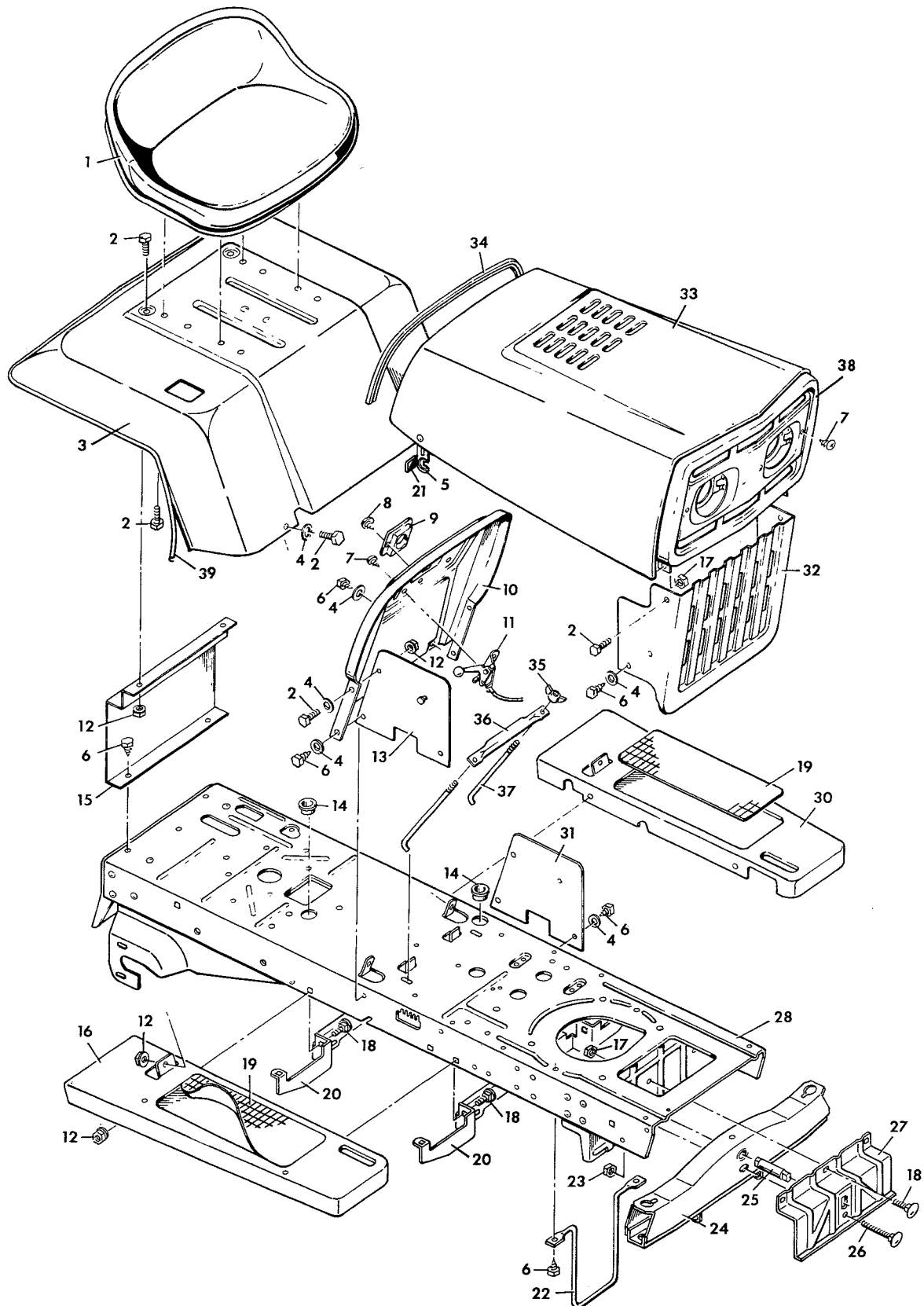


Model 6-3643 (Recoil Start)
Model 6-3663 (Electric Start)
Tractor Mower - Body Section



Model 6-3643 (Recoil Start)
Model 6-3663 (Electric Start)

Key No.	Part No.	Description
1	21970	Seat
2	1X45	Bolt 5/16" - 18X5/8"
3	21743	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 (Electric Start Model)
---	21715	Control Panel (Recoil Start Model)
11	21540PA	Remote Control
12	15X79Z	Flange Nut 5/16" - 18
13	21792	Side Plate R.H.
14	21268	Grommet (Electric Start Model)
15	21714	Rear Shroud Support
16	21934	Running Board R.H.
17	15X43	Locknut 5/16" - 18
18	2X53	Carriage Bolt 5/16" - 18X5/8"
19	21710	Rubber Mat
20	21547	Running Board Support
21	403040	Hood Latch R.H.
---	403041	Hood Latch L.H.
22	21481Z	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	403038	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 (Electric Start Model)
36	21761Z	Battery Clamp (Electric Start Model)
37	21762Z	Battery Clamp Rod (Electric Start Model)
38	400201	Upper Grills w/Light (Electric Start Model)
---	21712C	Upper Grill Without Light (Recoil Start Model)
39	21789	Edge Trim

This exploded view diagram illustrates the assembly of a hand truck. The components are numbered as follows:

- 1**: Hand wheel
- 2**: Central hub of the hand wheel
- 3**: Lock washers
- 4**: Bolts
- 5**: Main vertical shaft
- 6**: Bolt
- 7**: Upper bracket
- 8**: Nut
- 9**: Washers
- 10**: Gear
- 11**: Bolt
- 12**: Nuts
- 13**: Pins
- 14**: Pins
- 15**: Pin
- 16**: Pins
- 17**: Pin
- 18**: Pins
- 19**: Pin
- 20**: Main frame
- 21**: Pin
- 22**: Tire
- 23**: Pin
- 24**: Pin
- 25**: Pin
- 26**: Pin
- 27**: Pin
- 28**: Pin

The diagram shows the assembly sequence from the hand wheel at the top, through the shaft and gears, to the main frame and finally to the tire at the bottom. Dashed lines indicate the alignment of the components.

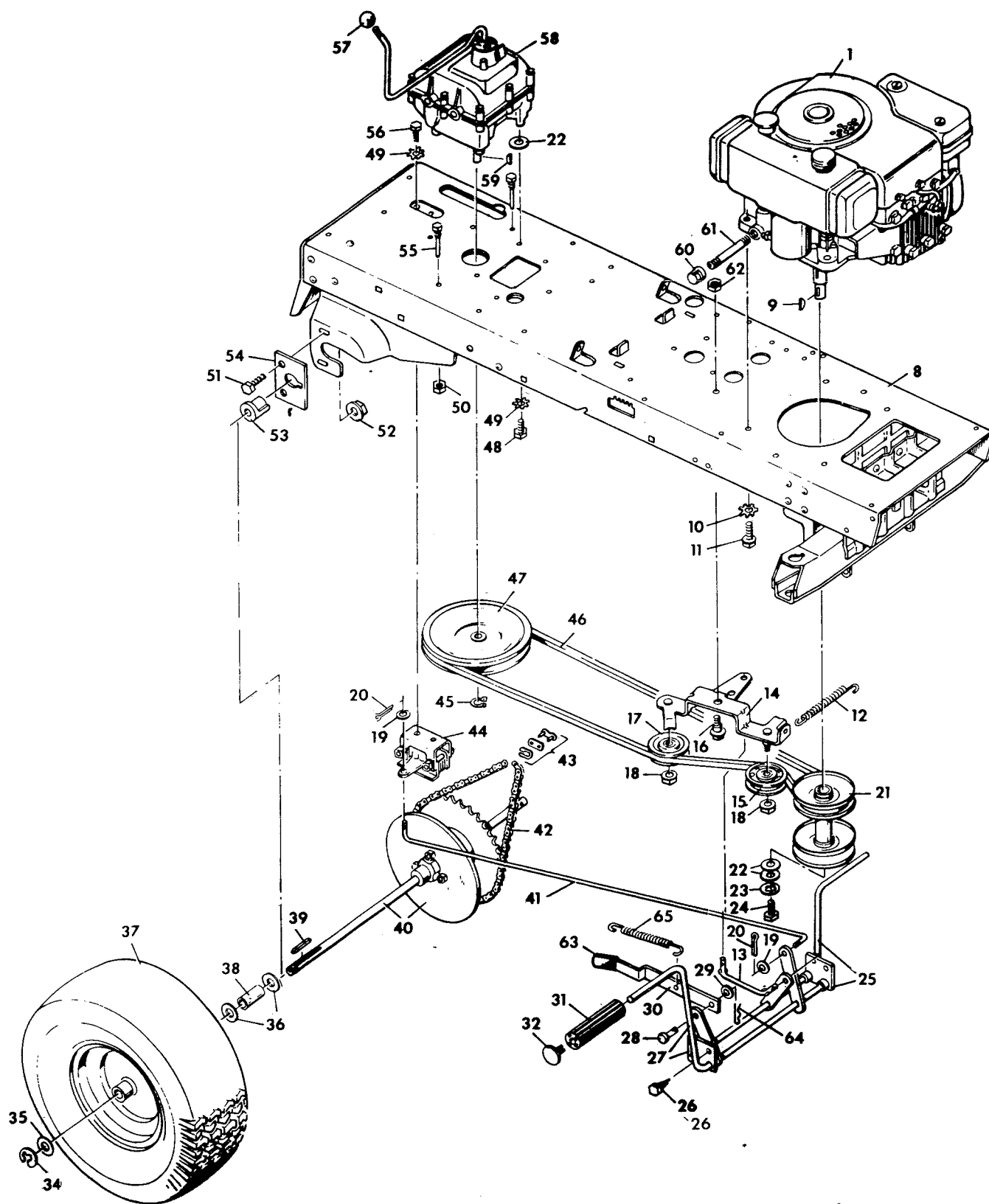
Model 6-3643

Model 6-3663

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

21662 - Hubcap

Model 6-3643
Model 6-3663
Drive Section



Model 6-3643

Model 6-3663

Key No.	Part No.	Description	Key No.	Part No.	Description
1	----	Engine*	37	21525	Wheel & Tire 18X8.50-8
8	403038	Frame Ass'y.		403006	Rim Only
9	20062	Woodruff Key # 6		403007	Tire Only 18X8.50-8
10	19X8	Shakeproof Washer		400162	Valve Stem & Cap
11	20103	Engine Bolt 3/8"-16X1"	38	88X44Z	Spacer
12	20684	Spring	39	21553	Square Key
13	21682	Clutch Link Rod	40	21402	Differential W/Disc.* *
14	21428	Idler Bracket & Stud Ass'y.	41	21471	Brake Rod
15	21409	Idler Pulley	42	21570	Chain & Link
16	21426	Shoulder Bolt 3/8"-16X7/8"	43	20730	Connecting Link
17	20613	Idler Pulley	44	21567	Brake
18	15X84	Lock Nut 3/8"-16	45	20698	Retainer Ring
19	17X47Z	Washer	46	21614	Drive Belt 1/2"X85"
20	30X20	Cotter Pin	47	21410	Input Pulley
21	21415Z	Stack Pulley	48	1X91	Bolt 5/16"-18X 3/4"
22	10851Z	Washer	49	19X6	Shakeproof Washer
23	19X39	Shakeproof Washer	50	15X79	Flange Nut 5/16"-18
24	1X20	Bolt 3/8"-24X1"	51	1X77	Bolt 3/8"-16X 3/4"
25	21951	Clutch Lever Ass'y.	52	15X85	Flange Nut 3/8"-16
26	26X174	Screw 5/16"X 3/4" Type A	53	21400	Rear Axle Bearing
27	21948	Brake Lever Ass'y.	54	21423Z	Bearing Adjustment Plate
28	29X95	Clevis Pin	55	20619	Guide Bolt
29	17X46Z	Washer	56	1X62	Bolt 5/16"-24X 1/2"
30	21484Z	Parking Brake Arm	57	20844	Knob
31	21544	Pedal	58	21405PA	Transmission* * *
32	21535	Cap	59	20697	Woodruff Key #9
34	21433	E-Ring	60	21651	Cap
35	17X114	Washer	61	21749	Oil Drain Extension
36	61961Z	Washer	62	15X84	Lock Nut 3/8"-16
			63	21434	Grip
			64	20101	Hairpin
			65	20682	Spring

*STATION
BRAKE PAD*

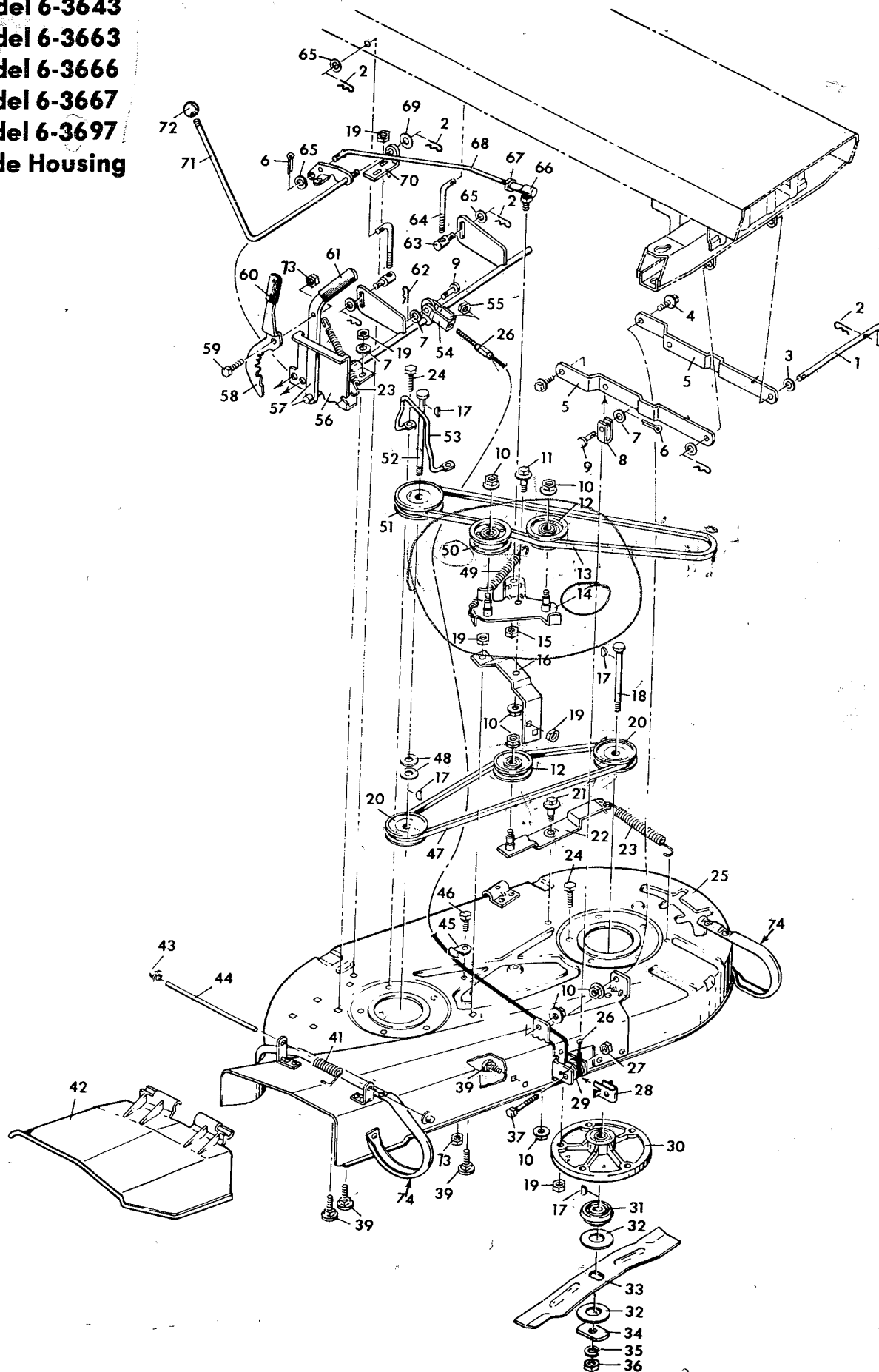
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* NOTE: Your Engine Model, Type and Code Number is stamped on Blower Housing.

* * NOTE: Complete illustration of differential shown on page 87.

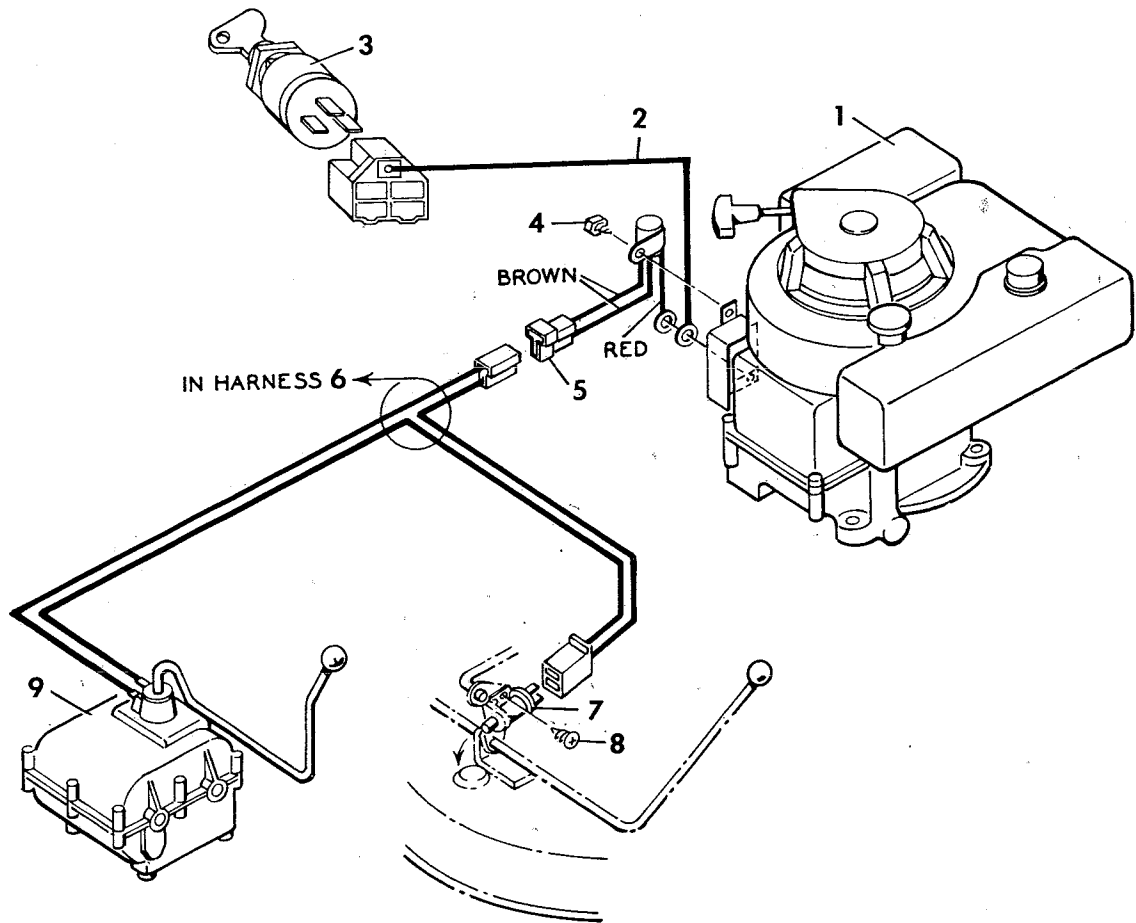
* * * NOTE: Complete illustration of transmission shown on page 82.

**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 6-3643 **Wiring Diagram**

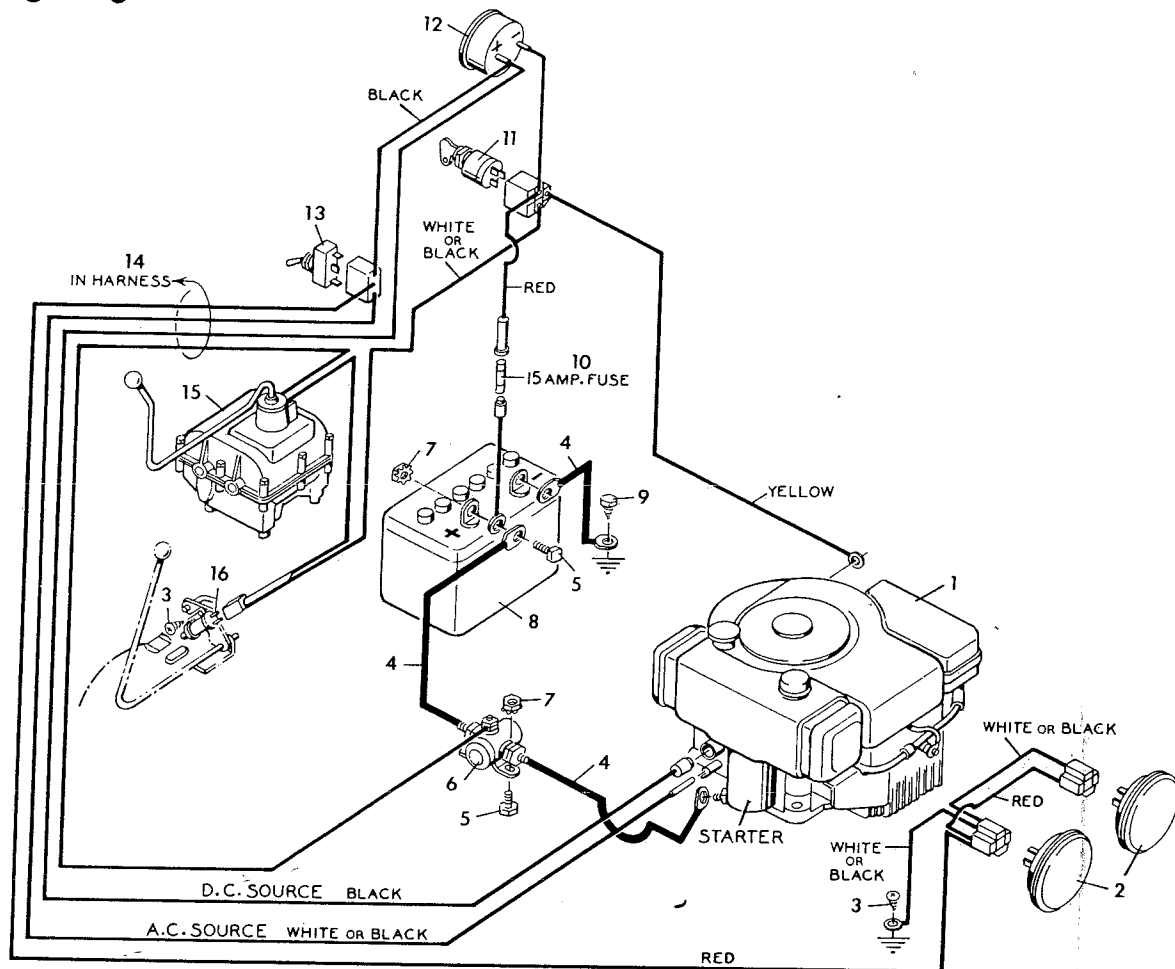


Key No.	Part No.	Description
1	----	Engine
2	21557	Jumper Wire
3	21211PA	Switch & Key
4	26X185	Screw #10X3/8 Type AB
5	21361	Control Module
6	21760	Wiring Harness
7	21549	Safety Switch
8	26X159	Screw #8X3/8 Type A
9	21405PA	Transmission
	20756	Key Only

ONE prong

21571 ? 3 Prong

Model 6-3663 **Wiring Diagram**



Key No.	Part No.	Description
1	----	Engine
2	20837	Seal Beam Light
3	26X159	Screw
4	21263	Battery Cable
5	1X38	Bolt 1/4-20X5/8
6	21261	Solenoid
7	15X66	Keps Nut
8	21075	Battery
9	26X197	Screw 5/16X 3/4 Type A
10	21023	Fuse 15 Amp
11	21064PA	Switch & Key
12	21057PA	Ammeter Assy.
13	21686PA	Light Switch
14	21755	Wiring Harness
15	21405PA	Transmission
16	21549	Safety Switch
	20756	Key Only

*5 Prong
21571-3 Prong*