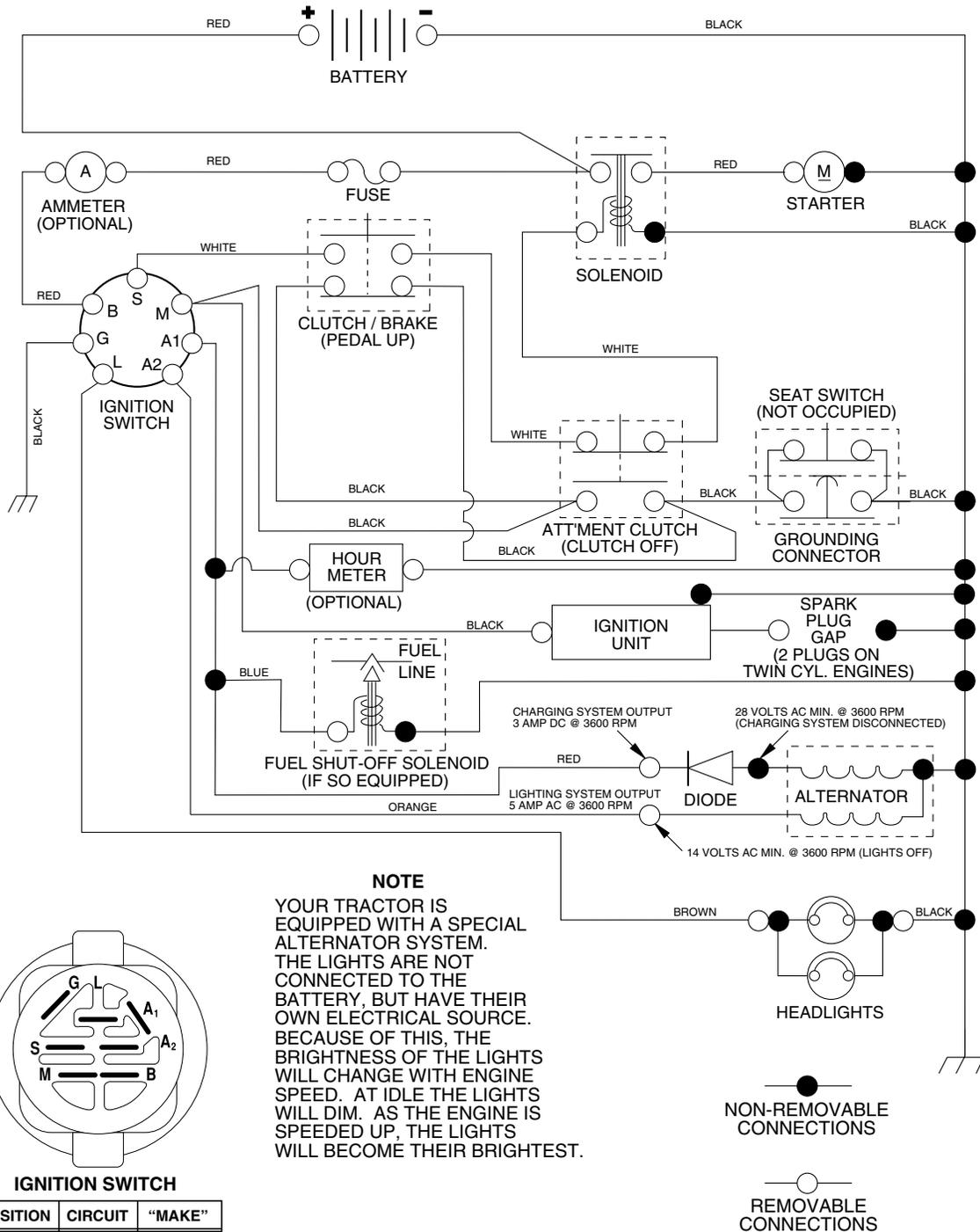


TRACTOR -- MODEL NUMBER 271490

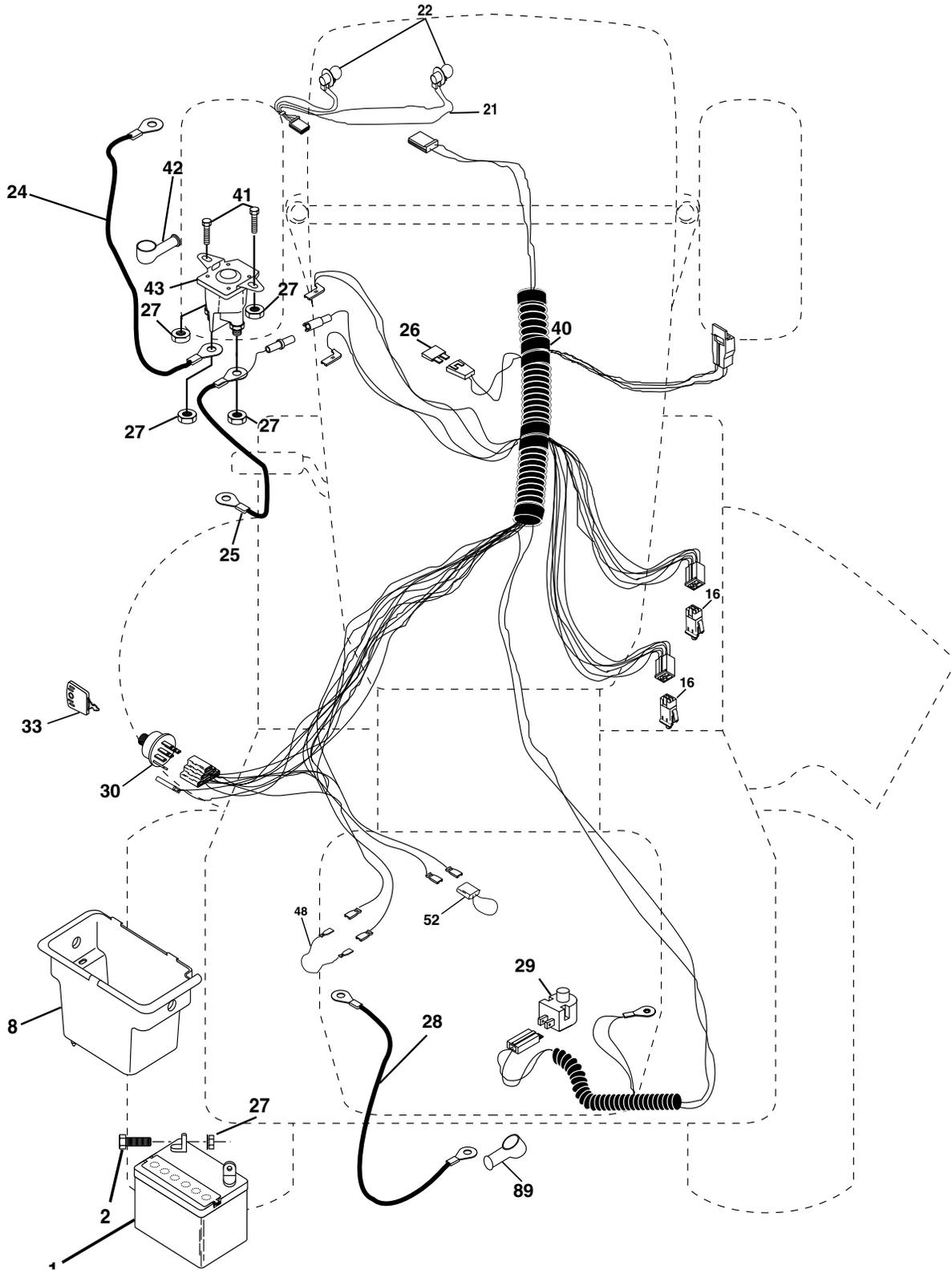
SCHEMATIC



REPAIR PARTS

TRACTOR -- MODEL NUMBER 271490

ELECTRICAL



ELECTRICAL

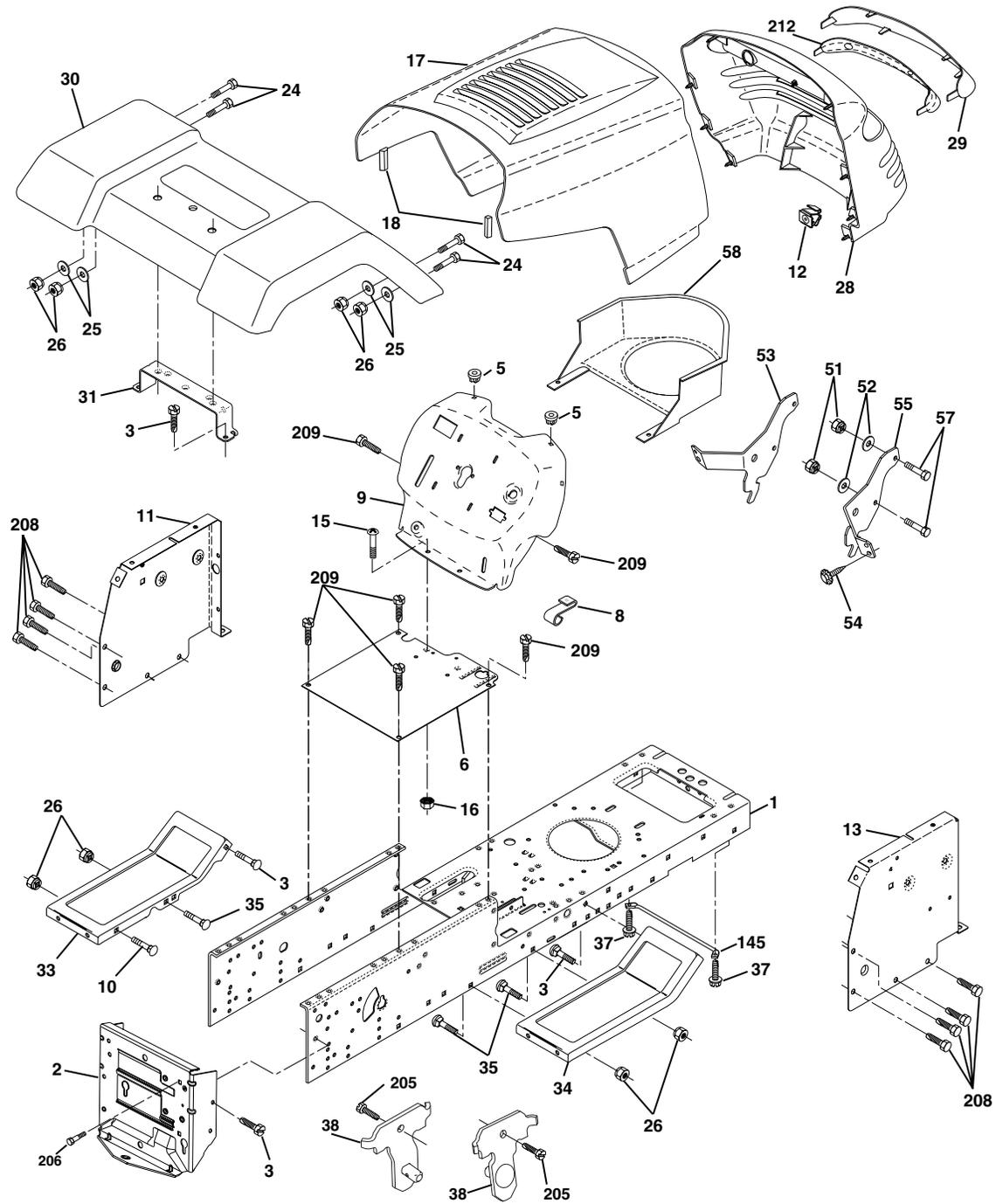
TRACTOR -- MODEL NUMBER 271490

KEY PART NO.	PART NO.	DESCRIPTION
1	163465	Battery
2	74760412	Bolt, Hex Head 1/4-20 unc x 3/4
8	176689	Box Battery Fender
16	176138	Switch, Interlock
21	175685	Harness, Light Socket (Includes 4152J)
22	4152J	Bulb, Light
24	4799J	Cable, Battery, 6 Gauge, Red, 11"
25	146147	Cable, Battery, 6 Gauge, Red, W/16 Wire
26	175158	Fuse
27	73510400	Nut Keps Hex 1/4-20 UNC
28	4207J	Cable, Ground, 6 Gauge, Black, 12"
29	121305X	Switch, Plunger
30	175566	Switch, Ignition
33	140401	Key, Ignition
40	179720	Harness, Ignition
41	71110408	Bolt, Hex Head, Fin. 1/4-20 x 1/2
42	131563	Cover, Terminal, Red
43	178861	Solenoid
48	140844	Adaptor Ammeter Rectangular
52	141940	Protection Wire Loop
89	180449	Cover Terminal Battery

NOTE: All component dimensions given in U. S. inches 1 inch = 25.4 mm

TRACTOR -- MODEL NUMBER 271490

CHASSIS AND ENCLOSURES



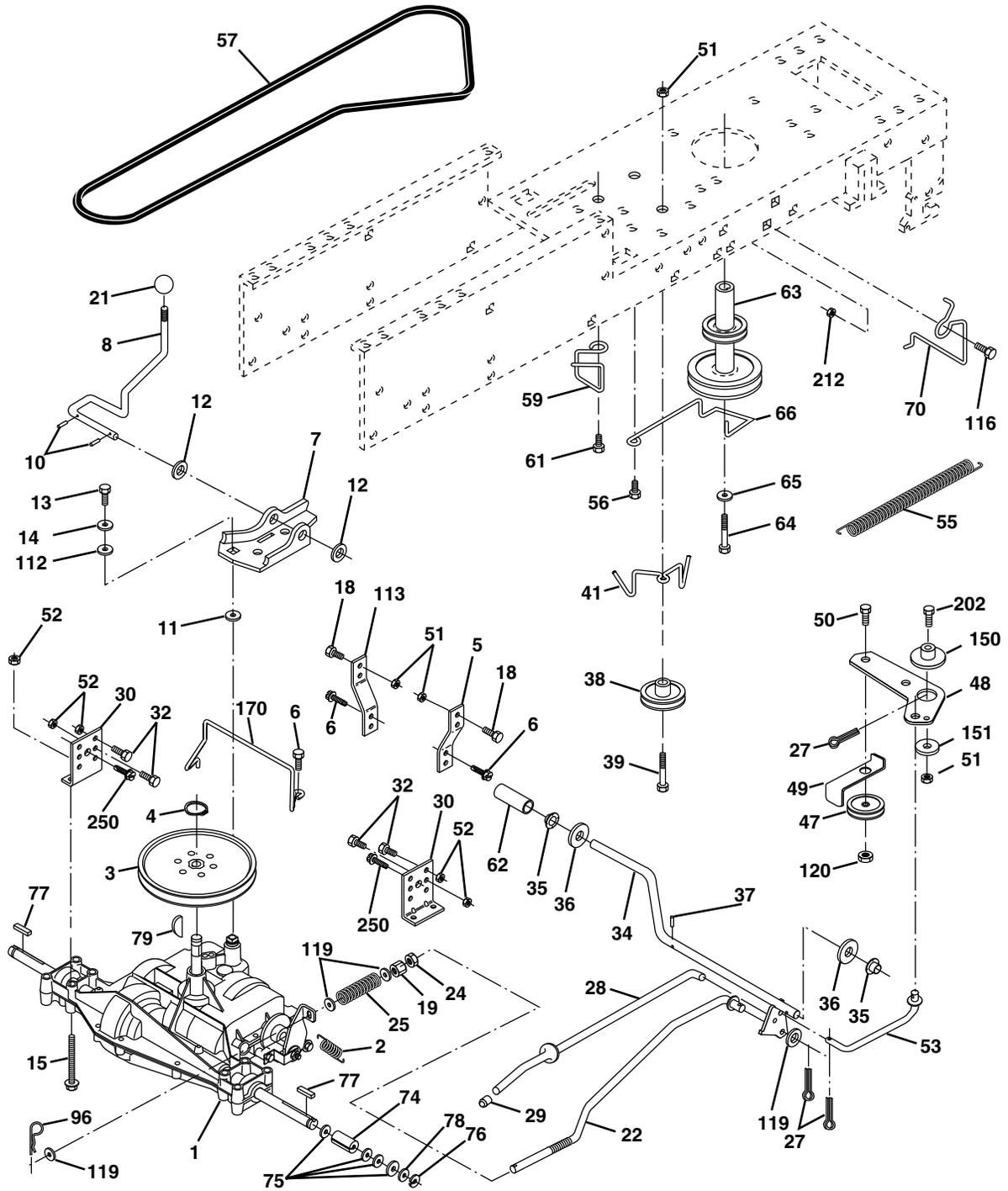
TRACTOR -- MODEL NUMBER 271490
CHASSIS AND ENCLOSURES

KEY NO.	PART NO.	DESCRIPTION
1	174620	Chassis
2	176554	Drawbar
3	17060612	Screw 3/8-16 x 3/4
5	155272	Bumper Hood/Dash
6	174643X014	Saddle Slkscr Flt LT
8	155138	Clip Retainer Slide-On
9	168347X011	Dash
10	72140608	Bolt Rdhd Sqnk 3/8-16unc X 1
11	174996	Panel Dash LH
12	145660	Clip Tinnerman Grille P/L
13	172105X010	Panel Slkscr Dash RH
15	74180512	Screw Mach TRHD 5/16-18 unc x 3/4
16	73510500	Nut Keps 5/16-18 Unc
17	159639X417	Hood Asm
18	126938X	Bumper Hood
24	74780616	Bolt Fin Hex 3/8-16 unc x 1 Gr. 5
25	19131312	Washer 13/32 X 13/16 x 12 Ga
26	73680600	Nut Hex Lock W/Ins. 3/8-16 Unc
28	179777	Grille/Lens Asm
29	150209X599	Lens Headlight Bar Clear
30	169465X417	Fender
31	136619	Bracket Fender Repl 109873x
33	179716X417	Footrest Pnt Lh
34	179717X417	Footrest Pnt Rh
35	72110606	Bolt Rdhd Sht Sqnk 3/8-16 x 3/4
37	17490508	Screw Thdrol 5/16-18 x 1/2
38	175710	Bracket Asm Pivot Mower Rear
51	73800400	Nut Lock Hex w/Ins 1/4-20
52	19091416	Washer 9/32 x 7/8 x 16 Ga.
53	144697	Bracket, Grille LH
54	161464	Screw
55	144696	Bracket, Grille RH
57	74780412	Bolt Hex 1/4-20 x 3/4
58	150127	Air Duct P/L
145	156524	Rod Pivot Chassis/Hood
205	17490608	Screw Thdrol 3/8-16 x 1/2
206	170165	Bolt Shoulder 5/16-18
208	17670608	Screw thdrol 3/8-16 x 1/2
209	17000612	Screw Hex Wsh Thdrol 3/8-16
212	156494	Insert Lens Reflective
--	5479J	Plug Button Blk 359 Dia Choke

NOTE: All component dimensions given in U. S. inches 1 inch = 25.4 mm

TRACTOR -- MODEL NUMBER 271490

GROUND DRIVE



TRACTOR -- MODEL NUMBER 271490

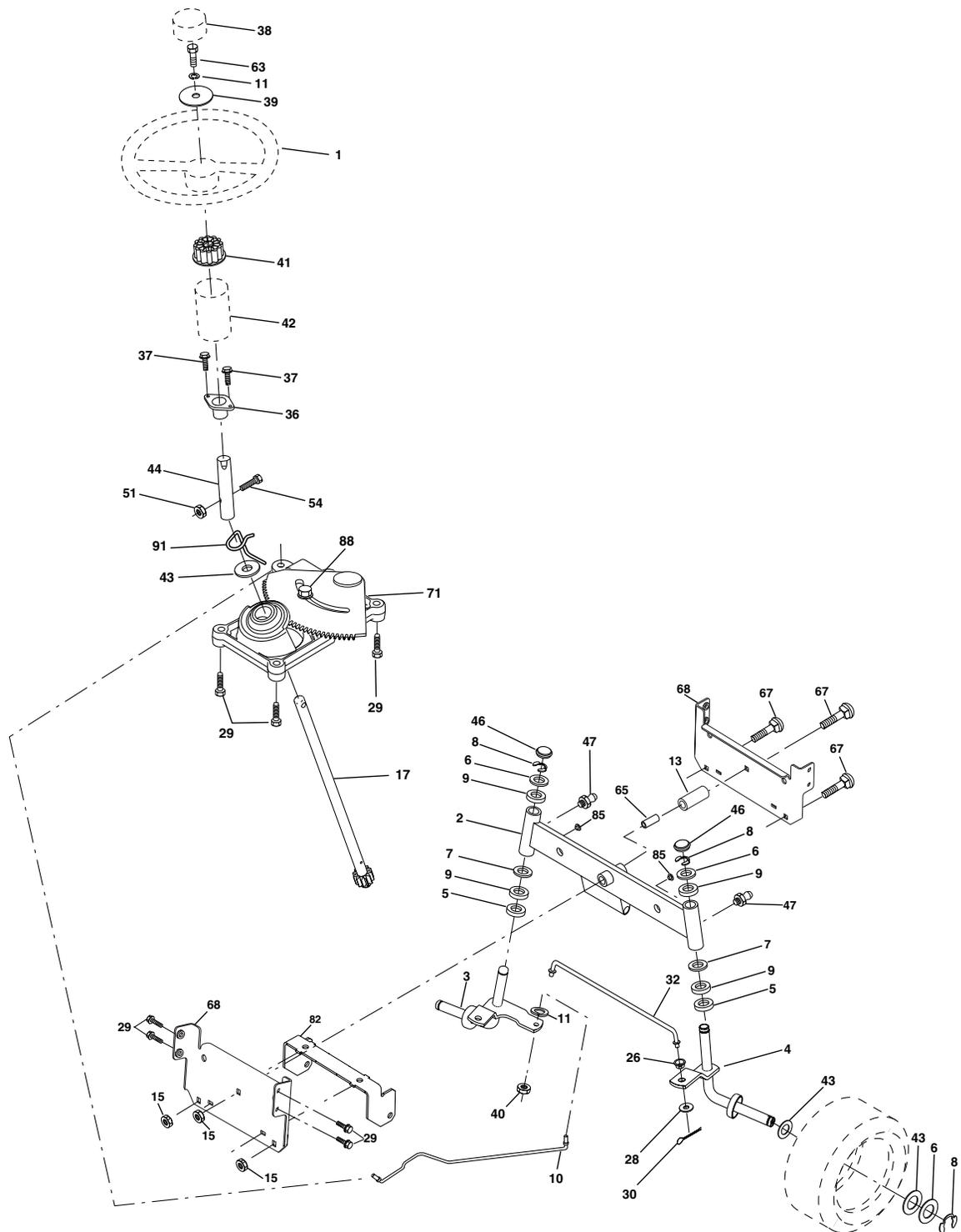
GROUND DRIVE

KEY PART NO. NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION
1	----- Transaxle Dana D4360-139 (Order parts from transaxle Manufacturer)	50	74760624 Bolt Hex Hd 3/8-16unc x1-1/2
2	146682 Spring Return Brake T/a Zinc	51	73680600 Nut Crownlock 3/8-16 UNC
3	123666X Pulley Transaxle 18/20" tires	52	73680500 Nut Crown Lock 5/16-18
4	12000028 Ring Retainer # 5100-62	53	105710X Link Clutch 7 66
5	121520X Strap Torque 30 Degrees	55	105709X Spring Return Clutch 6 75
6	17060512 Screw 5/16-18 x 3/4	56	17060620 Screw 3/8-16 x 1-1/4
7	162240 Bracket Saddle Shift T/a	57	160855 V-Belt Gd Drive 9530
8	131679 Rod Shf Sdl LY/YT Str Blk	59	169691 Keeper Belt Centerspan
10	76020416 Pin Cotter 1/8 x 1 Cad	61	17120614 Screw 3/8-16 x .875
11	105701X Washer Plate 388 Sq Hole	62	8883R Cover Pedal Blk Round
12	19151216 Washer 15/32 x 3/4 x 16ga	63	175410 Pulley Eng Cl Cable
13	74550412 Bolt 1/4-28unf Gr8 W/Patch	64	71170764 Bolt Hex 7/16-20 x 4 Gr 5
14	10040400 Washer Lock Hvy Helical 1/4	65	10040700 Washer Lock Hlcl Spr 7/16
15	74490544 Bolt Hex Flghd 5/16-18 x Gr. 5	66	154778 Keeper Belt Engine FP
18	74780616 Bolt Fin Hex 3/8-16 UNC x 1 Gr. 5	70	134683 Guide Belt Mower Drive RH
19	73800600 Nut Lock Hex W/Ins. 3/8-16 Unc	74	109502X Spacer Axle
21	106933X Knob Rd 1/2-13 Plstc Thds	75	121749X Washer 25/32 x 1-1/4 x16 Ga
22	130804 Rod Brake Blk Zinc 26 840	76	12000001 E-ring #5133-75
24	73350600 Nut Hex Jam 3/8-16 Unc	77	123583X Key Square 2 0 x 1845/ 1865
25	106888X Spring Rod Brake 2 00 Zinc	78	121748X Washer 25/32 x1-5/8 x 16 Ga
27	76020412 Pin Cotter 1/8 x 3/4 Cad	79	2228M Key Woodruff #9 3/16 x 3/4
28	175765 Rod Brake Parking Lt/Yt	96	4497H Retainer Spring 1
29	71673 Cap Brake Parking	112	19091210 Washer 9/32 x 3/4 x 10 Ga
30	174973 Bracket Mtg Transaxle	113	127285X Strap Torque LH LT
32	74760512 Bolt Hex Hd 5/16-18unc x 3/4	116	72140608 Bolt 3/8-16 x 1
34	175578 Shaft Asm Pedal Foot Nibbed	119	19131016 Washer 13/32 x 5/8 x 16 Ga
35	120183X Bearing Nylon Blk 629 Id	120	73900600 Nut Lock Flg 3/8-16
36	19211616 Washer 21/32 x 1 x 16 Ga	150	175456 Spacer Retainer
37	1572H Pin Roll 3/16 x 1"	151	19133210 Washer 13/32 x 2 x 10 Ga.
38	179114 Pulley Composite Flat	170	178394 Keeper Belt Transaxle Gear
39	74760648 Bolt Fin Hex 3/8-16 UNC x 3 Gr. 5	202	72110614 Bolt Carr. Sh 3/8-16 x 1-3/4 Gr. 5
41	175556 Keeper Belt Idler	212	145212 Nut Hex Flange Lock
47	127783 Pulley Idler V Groove Plastic	250	17060612 Screw 3/8-16 x 3/4
48	154407 Bellcrank Asm. Clutch		
49	123205X Retainer Belt Style Spring		

NOTE: All component dimensions given in U. S. inches 1 inch = 25.4 mm

TRACTOR -- MODEL NUMBER 271490

STEERING



STEERING

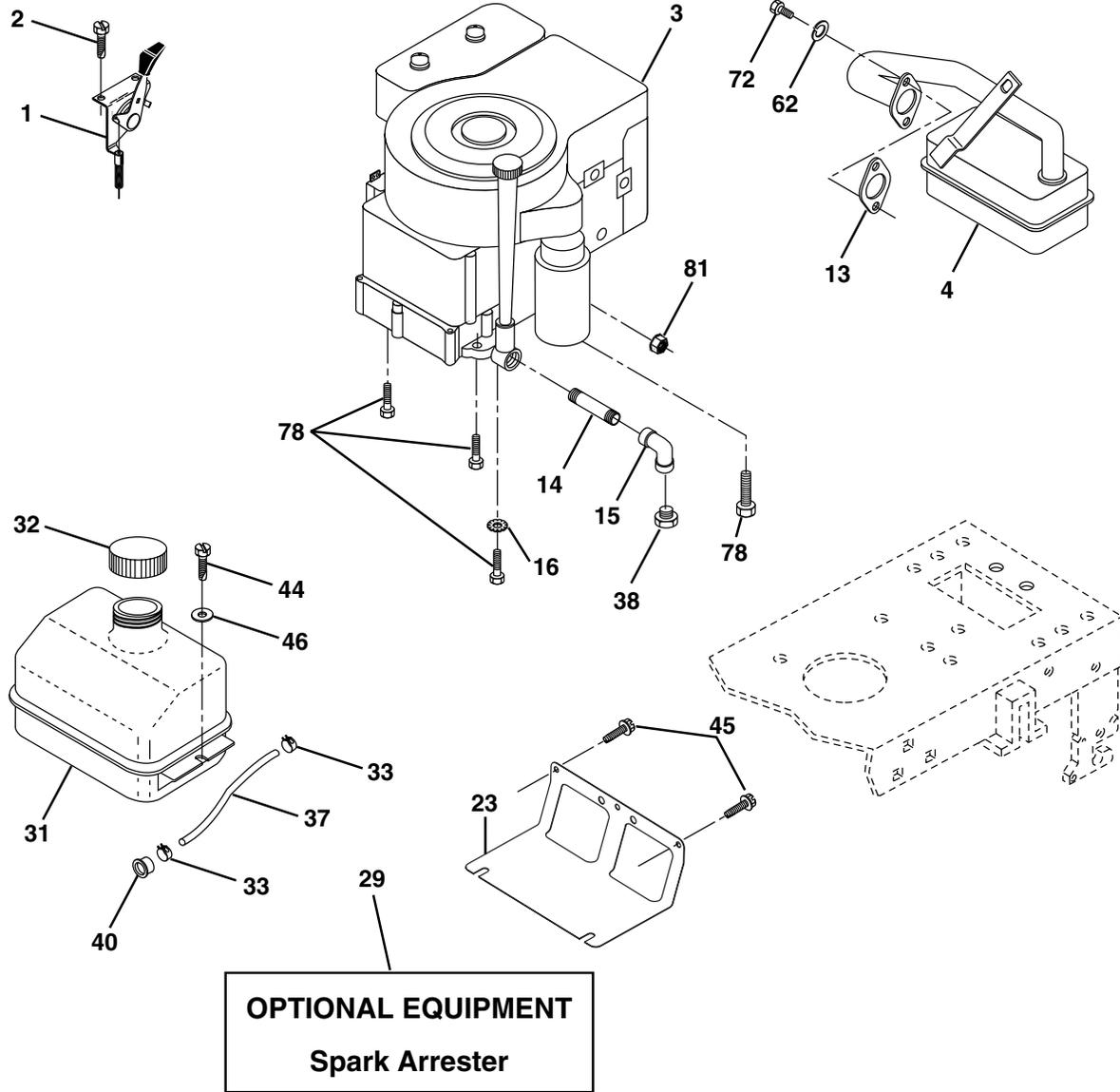
TRACTOR -- MODEL NUMBER 271490

KEY PART NO.	PART NO.	DESCRIPTION
1	140044X428	Steering Wheel
2	175131	Axle Assembly
3	169840	Spindle Assembly, L.H.
4	169839	Spindle Assembly, R.H.
5	6266H	Bearing, Race, Thrust, Hardened
6	121748X	Washer 25/32 x 1-5/8 x 16 Gauge
7	19272016	Washer 27/32 x 1-1/4 x 16 Gauge
8	12000029	Ring, Klip
9	3366R	Bearing, Steering Column
10	175121	Draglink
11	10040600	Washer, Lock
13	136518	Spacer Bearing Axle Front
15	145212	Hexflange Lock
17	177876	Shaft Assembly, Steering
26	126847X	Bushing, Link, Drag
28	19131416	Washer 13/32 x 7/8 x 16 Gauge
29	17060612	Screw, 3/8-16 x 3/4
30	76020412	Pin
32	130465	Rod, Tie
36	155099	Bushing, Steering
37	152927	Screw
38	140045X428	Cap, Steering Wheel
39	19133812	Washer 13/32 x 2-3/8 x 12 Gauge
40	7810H	Gripco Nut
41	100711L	Adaptor, Steering Wheel
42	145054X428	Boot, Steering
43	121749X	Washer 25/32 x 1-1/4 x 16 Gauge
44	153720	Shaft Extension Steering
46	121232X	Cap, Spindle
47	6855M	Fitting, Grease
51	73800500	Nut lock Hex w/Ins 5/16-18
54	74780520	Bolt Fin Hex 5/16-18 UNC x 1-1/4
63	74780616	Bolt Fin Hex 3/8-16 x 1-1/4
65	160367	Spacer Brace Axle
67	72140618	Bolt, Rdhd Sq 3/8-16 UNC x 2-1/4
68	169827	Axle, Brace
71	175146	Steering Asm
82	169835	Bracket Susp Chassis Front
85	133835	Fastener Christmas Tree
88	175118	Shoulder Bolt
91	175553	Clip Steering

NOTE: All component dimensions given in U. S. inches
1 inch = 25.4 mm

TRACTOR -- MODEL NUMBER 271490

ENGINE



TRACTOR -- MODEL NUMBER 271490

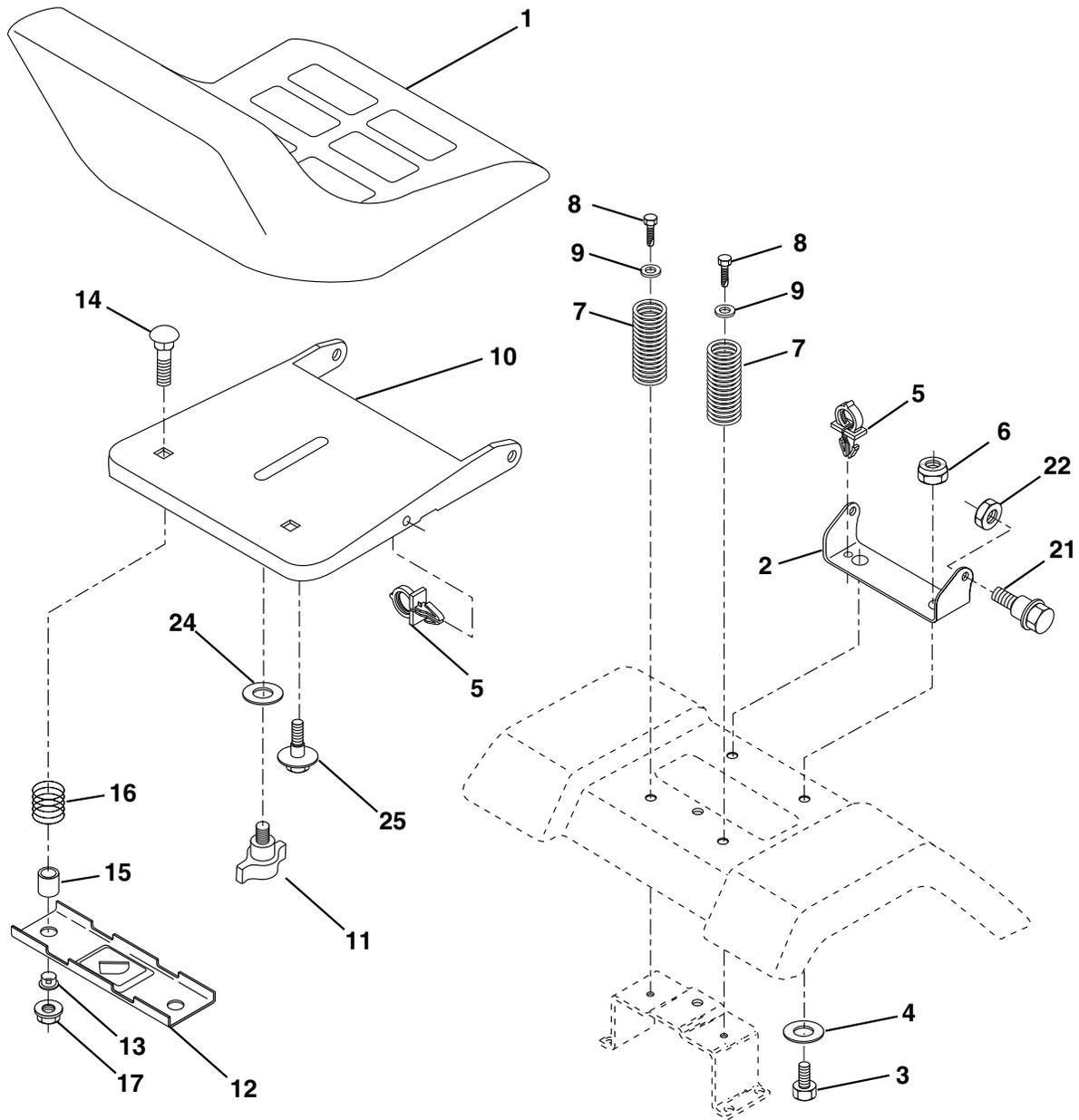
ENGINE

KEY NO.	PART NO.	DESCRIPTION
1	170551	Control Th/ch
2	17720408	Screw Hex Thd Cut 1/4-20 x 1/2
3	-----	Engine Briggs Model 287707-1259-E1 (Order parts from Engine Manufacturer)
4	137352	Muffler
13	165291	Gasket Eng 1 313 Id Tin Plated
14	13280324	Nipple Pipe 3/8 NPT x 3"
15	13200300	Elbow Std 90 Degree 3/8-18 NPT
16	11050600	Washer Lock Ext Tooth 3/8
23	169837	Shield Browning
29	137180	Kit Spark Arrestor (Flat Scrn)
31	109202X	Tank Fuel Front 1 25
32	140527	Cap Asm Fuel
33	123487X	Clamp Hose Blk
37	137040	Line Fuel 20"
38	-----	Oil Drain Plug (Order From Engine Mfg.)
40	124028X	Bushing Snap Nyl Blk Fuel Line
44	17670412	Screw Hexwsh Thdrol 1/4-20 x 3/4
45	17000612	Screw Hex Wsh Thdrol 3/8-16
46	19091416	Washer 9/32 x 7/8 x 16 ga
62	10040500	Washer Lock Hvy Hlcl Spr 5/16
72	71070512	Screw Hexhd Cap 5/16-18 x 3/4
78	17060620	Screw 3/8-16 x 1-1/4
81	73510400	Nut Keps Hex 1/4-20 UNC

NOTE: All component dimensions given in U. S.
inches 1 inch = 25.4 mm

TRACTOR -- MODEL NUMBER 271490

SEAT ASSEMBLY



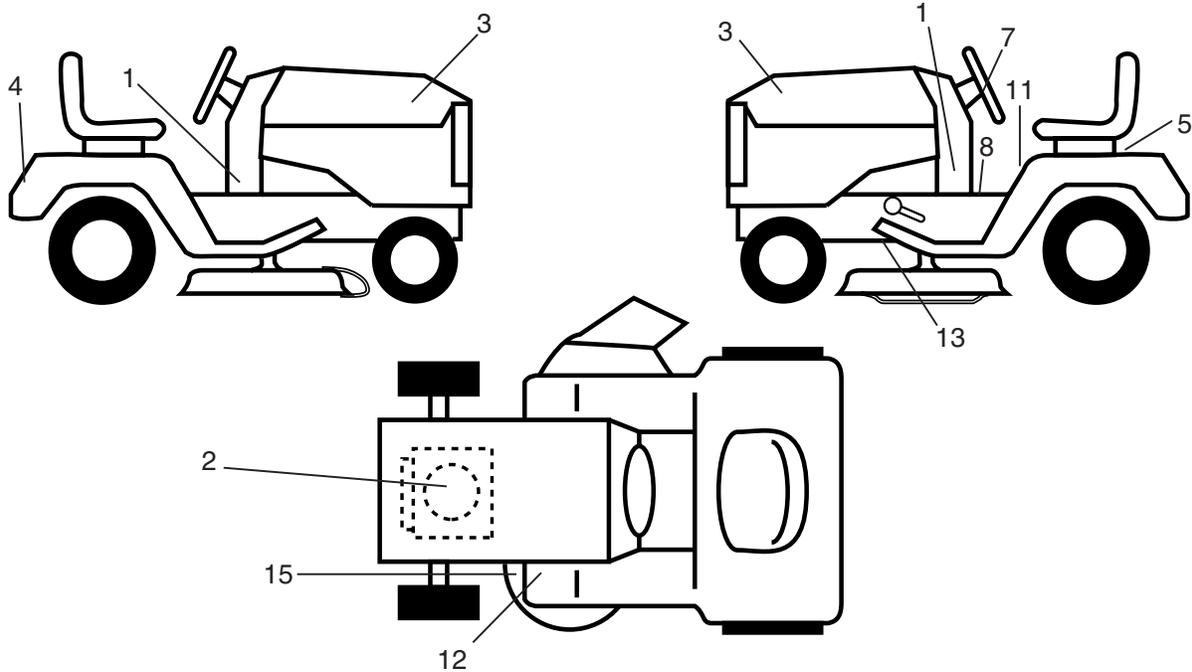
KEY PART NO.	PART NO.	DESCRIPTION
1	127427	Seat
2	140551	Bracket Pvt St
3	71110616	Bolt Fin Hex 3/8-16unc x 1
4	19131610	Washer Flat 13/32 x1 x10 Ga
5	145006	Clip Push-In Hinged
6	73800600	Locknut Hex W/Wsh 3/8-16
7	124181X	Spring Seat Cprsn 2 250 Blk
8	17000616	Screw 3/8-16 x 1
9	19131614	Washer 13/32 x 1 x 14 Ga
10	174894	Pan Seat
11	166369	Knob Seat Adj. Wingnut
12	121246X	Bracket Mounting Switch

KEY PART NO.	PART NO.	DESCRIPTION
13	121248X	Bushing Snap Blk Nyl 50 Id
14	72050412	Bolt Rdhd Sht 1/4-20x1-1/2
15	134300	Spacer Split 28x 96 Yel Zinc
16	121250X	Spring Cprsn 1 27 Blk Pnt
17	123976X	Nut Lock 1/4 Lge Flg Gr 5
21	171852	Bolt Shld 5/16-18 Unc
22	73800500	Nut Lock Hex W/Ins 5/16-18
24	19171912	Washer 17/32 x1-3/16x12 Ga
25	127018X	Bolt Shoulder 5/16-18 x 62

NOTE: All component dimensions given in U. S. inches 1 inch = 25.4 mm

TRACTOR -- MODEL NUMBER 271490

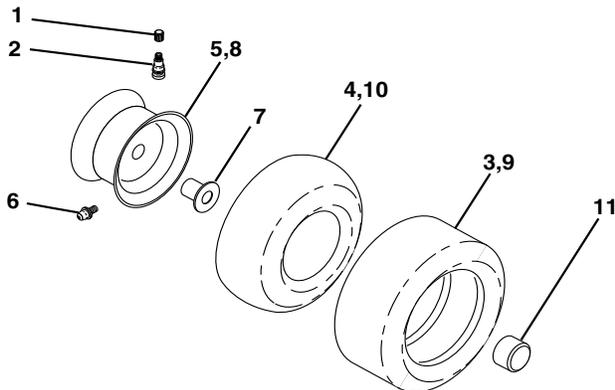
DECALS



KEY PART NO.	PART NO.	DESCRIPTION
1	177097	Decal Lower Dash
2	176396	Decal Engine
3	171828	Decal Hood
4	171829	Decal Fender
5	145005	Decal Battery Danger
7	171830	Decal Steering
8	156867	Decal, Oper sdl P/L Gear
11	156439	Decal Fender Dnger

KEY PART NO.	PART NO.	DESCRIPTION
12	181249	Decal, Clutch/Brake Eng
13	146046	Decal V-Belt Dr Sch tractor
15	136832	Decal V-Belt sch
--	138311	Decal Handle Lft Height Adjust (Lift Handle)
--	181203	Owner's Manual, English
--	181204	Owner's Manual, Spanish

WHEELS AND TIRES

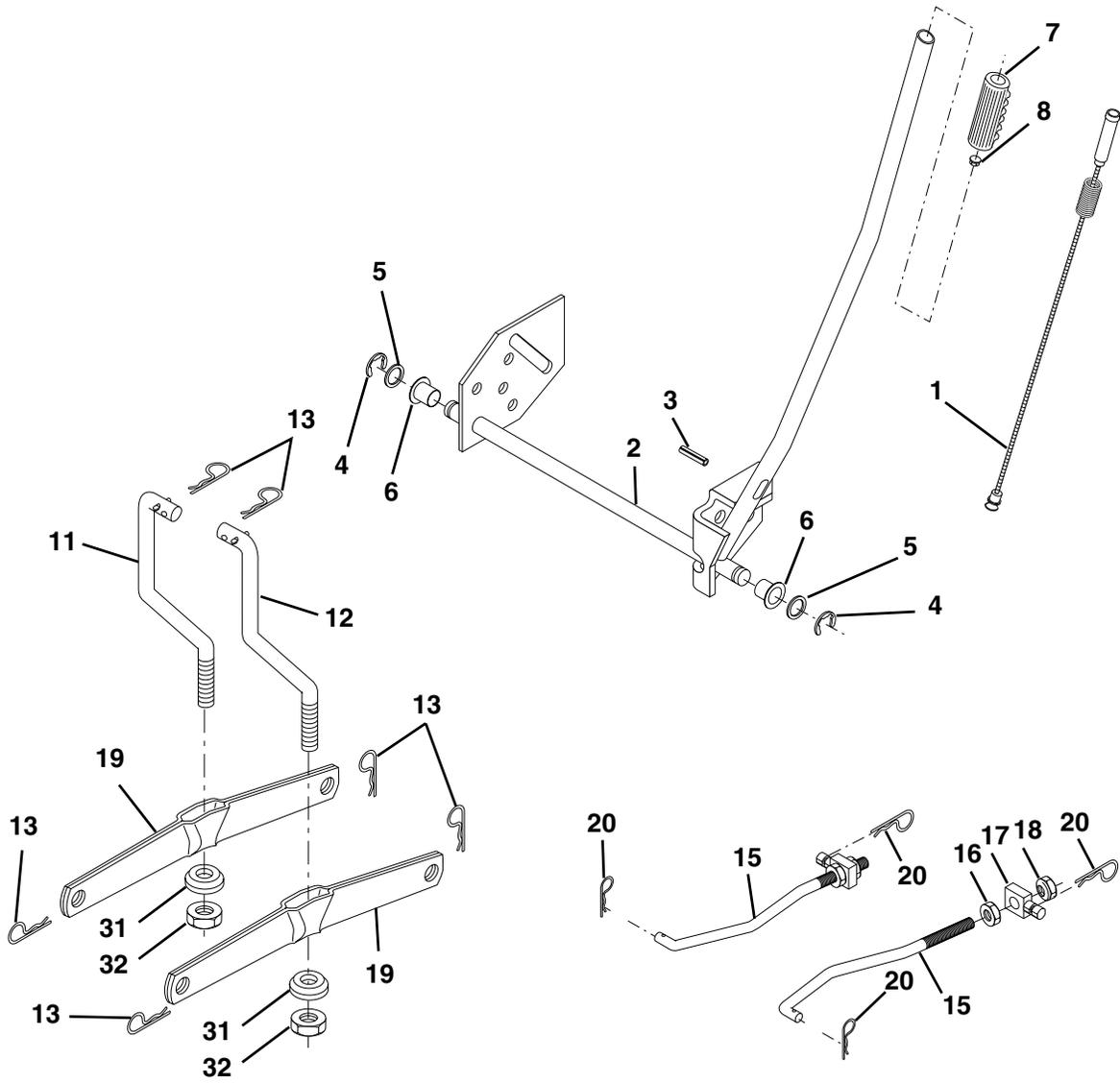


KEY PART NO.	PART NO.	DESCRIPTION
1	59192	Cap Valve Tire
2	65139	Stem Valve
3	106222X	Tire F Ts 15 X 6 0 - 6 Service
4	59904	Tube Front (Service Item Only)
5	106732X427	Rim Asm 6"front White Service
6	278H	Fitting Grease (Front Wheel Only)
7	9040H	Bearing Flange (front Wheel Only)
8	106108X427	Rim Asm 8"rear White Service
9	124635X	Tire Rear
10	7152J	Tube Rear (Service Item Only)
11	104757X428	Cap Axle Blk 1 50 X 1 00
--	144334	Sealant, Tire (10 oz. Tube)

NOTE: All component dimensions given in U. S. inches 1 inch = 25.4 mm

TRACTOR -- MODEL NUMBER 271490

LIFT ASSEMBLY



LIFT ASSEMBLY

TRACTOR -- MODEL NUMBER 271490

KEY PART NO.	PART NO.	DESCRIPTION
1	159460	Wire Asm Inner W/plunger
2	159471	Shaft Asm Lift
3	105767X	Pin Groove 1 500 Zinc
4	12000002	E Ring #5133-62
5	19211621	Washer Pltd 21/32 X 1 X 21ga
6	120183X	Bearing Nylon Blk 629 Id
7	125631X	Grip Handle Fluted Blk
8	122365X	Button Plunger Red
11	139865	Link Lift LH
12	139866	Link Lift RH
13	4939M	Retainer Spring
15	173288	Link Front
16	73350800	Nut Jam Hex 1/2-13 Unc
17	175689	Trunnion Blk Zinc
18	73800800	Nut Lock w/Wsh 1/2-13 UNC
19	139868	Arm Suspension Rear
20	163552	Retainer Spring Zinc
31	169865	Bearing Pvt Lift
32	73540600	Nut Crownlock 3/8-24

NOTE: All component dimensions given in U. S. inches 1 inch = 25.4 mm

TRACTOR -- MODEL NUMBER 271490

MOWER DECK

KEY PART NO. NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION		
1	170280	67	149846	Mower Housing Assembly	Knob
2	72140506	68	144200	Bolt, Carriage 5/16-18 x 3/4	Belt
3	138017	69	76020312	Bracket Asm. Fram Sway Bar	Pin, Cotter 3/32 x 3/4
4	169970	86	7631J	Bracket, Asm. Deck Sway Bar	Runner, LH
		87	128772		Runner, RH
5	4939M	88	19111216	Retainer, Spring	Washer 11/32 x 3/4 x 16 Ga
6	178024	89	19131612	Bar Sway Deck	Washer 13/32 x 1 x 12 Ga
8	850857	96	74930620	Bolt, Hex 3/8-24 x 1-1/4 Gr 8	Bolt 3/8-16 x 1-1/4
9	10030600	97	73930600	Washer, Lock, Hlcl Sprg 3/8	Nut Centerlock 3/8-16
10	140296	107	133502	Washer, Hard Blade Mower Vented	Spacer, Retainer
		108	133503		Stiffener, Idler Arm
11	134148	109	74760640	Blade, Mower, Mulching 38"	Bolt, Hex Head 3/8-16 x2-1/2
13	137645	110	142587	Shaft and Bearing Assembly (Includes Key Number 15)	Upstop Deck Front 38"
		113	17060512		Screw 5/16-18 x 3/4
14	128774	122	131289	Mandrel Housing, Vented	Rod, Brake, LH
15	110485X	123	169971	Ball Bearing, Mandrel	Rod, Brake, RH
16	174493	146	165891	Stripper, Mower, Vented	Bolt Carriage Idler
19	132827	148	169022	Bolt, Shoulder	Spring Return Idler
21	73680500	149	165898	Nut, Crownlock 5/16-18	Retainer Spring Yellow Zinc
23	137607	150	19091216	Bracket, Mower Deflector	Washer 9/32 x 3/4 x 16 Ga.
24	105304X	151	169670	Cap, Sleeve	Bracket Clutch
25	123713X	152	172758	Spring, Deflector	Cable Clutch 38 In
26	110452X	153	169674	Nut, Push	Washer Flat 3/8" Type B
27	106736X428	154	169675	Shield, Deflector	Spring Retainer
28	19111016	155	169671	Washer 11/32 x 3/4 x 16 Ga	Spring Retention Lever
29	106735X	156	169672	Rod, Hinge	Spacer
30	173984	157	169669	Screw, Thdro	Rod Clutch
31	129963	158	17720408	Washer, Spacer	Screw Hex Thd Cut 1/4-20 x 1/2
32	153532			Pulley, Mandrel	
33	178342	- -	130794	Nut, Flangelock 9/16	Mandrel Assembly (Includes Housing, Shaft and Shaft Hardware Only-Pulley Not Included)
36	131494			Pulley, Idler, Flat	
40	73680600			Nut Crownlock 3/8-16	
45	4497H			Retainer, Spring	
53	130840	- -	171665	Brake Assembly	Replacement Mower, Complete
54	133943			Washer Hardened	
55	133840			Idler Arm Assembly	
56	165723			Spacer, Retainer	

NOTE: All component dimensions given in U. S. inches 1 inch = 25.4 mm