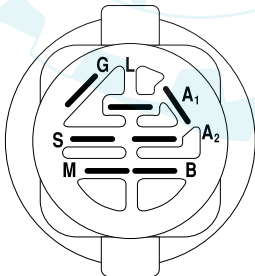
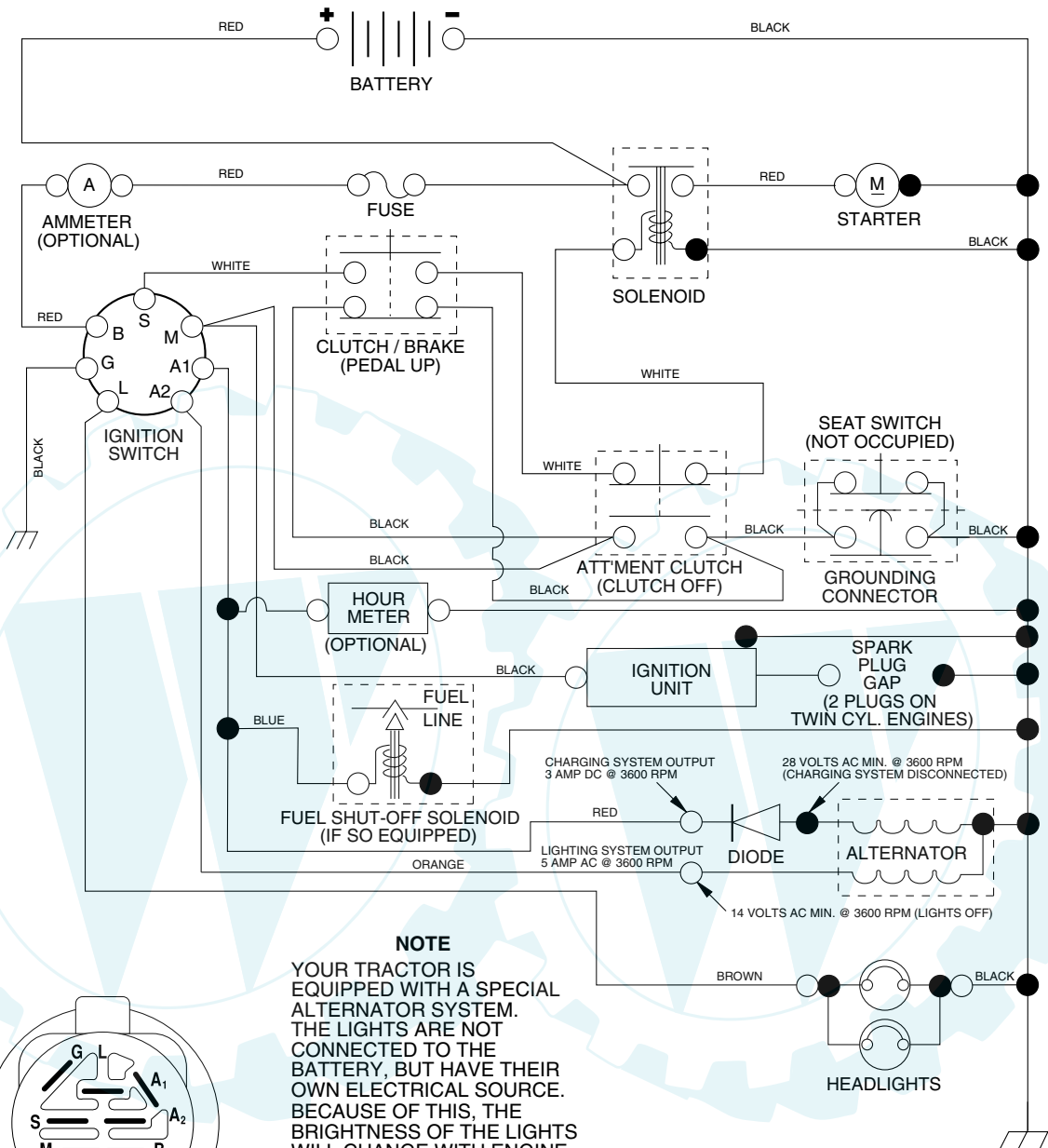


**TRACTOR - - MODEL NUMBER SO17H42STA PRODUCT NO. 954 57 03-69 SCHEMATIC**



**IGNITION SWITCH**

POSITION	CIRCUIT	"MAKE"
OFF	M+G+A1	NONE
RUN/LIGHT	B+A1	A2+L
RUN	B+A1	NONE
START	B + S + A1	NONE

**NOTE**

YOUR TRACTOR IS EQUIPPED WITH A SPECIAL ALTERNATOR SYSTEM. THE LIGHTS ARE NOT CONNECTED TO THE BATTERY, BUT HAVE THEIR OWN ELECTRICAL SOURCE. BECAUSE OF THIS, THE BRIGHTNESS OF THE LIGHTS WILL CHANGE WITH ENGINE SPEED. AT IDLE THE LIGHTS WILL DIM. AS THE ENGINE IS SPEEDED UP, THE LIGHTS WILL BECOME THEIR BRIGHTEST.

NON-REMOVABLE CONNECTIONS

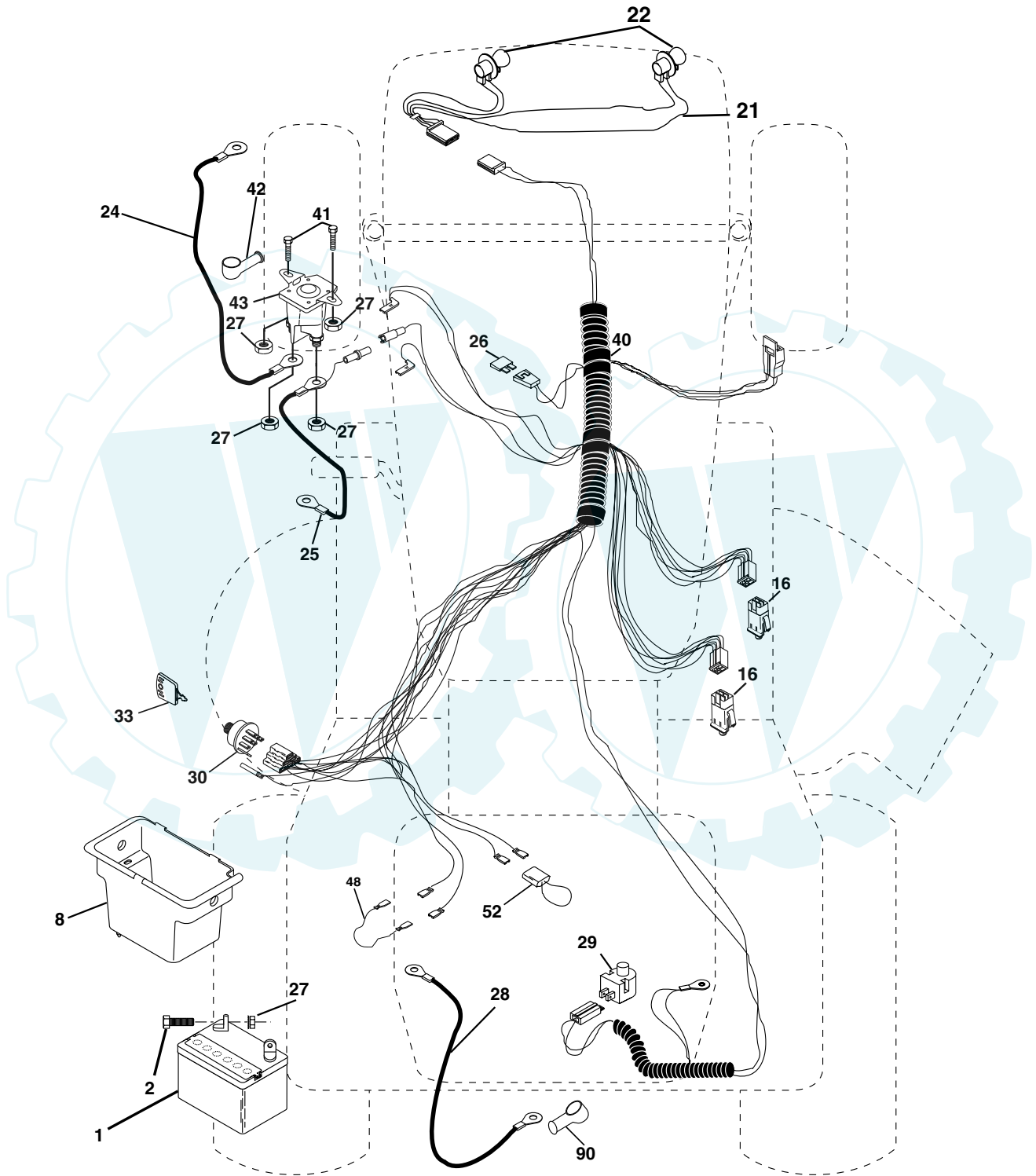
REMOVABLE CONNECTIONS

**WIRING INSULATED CLIPS**

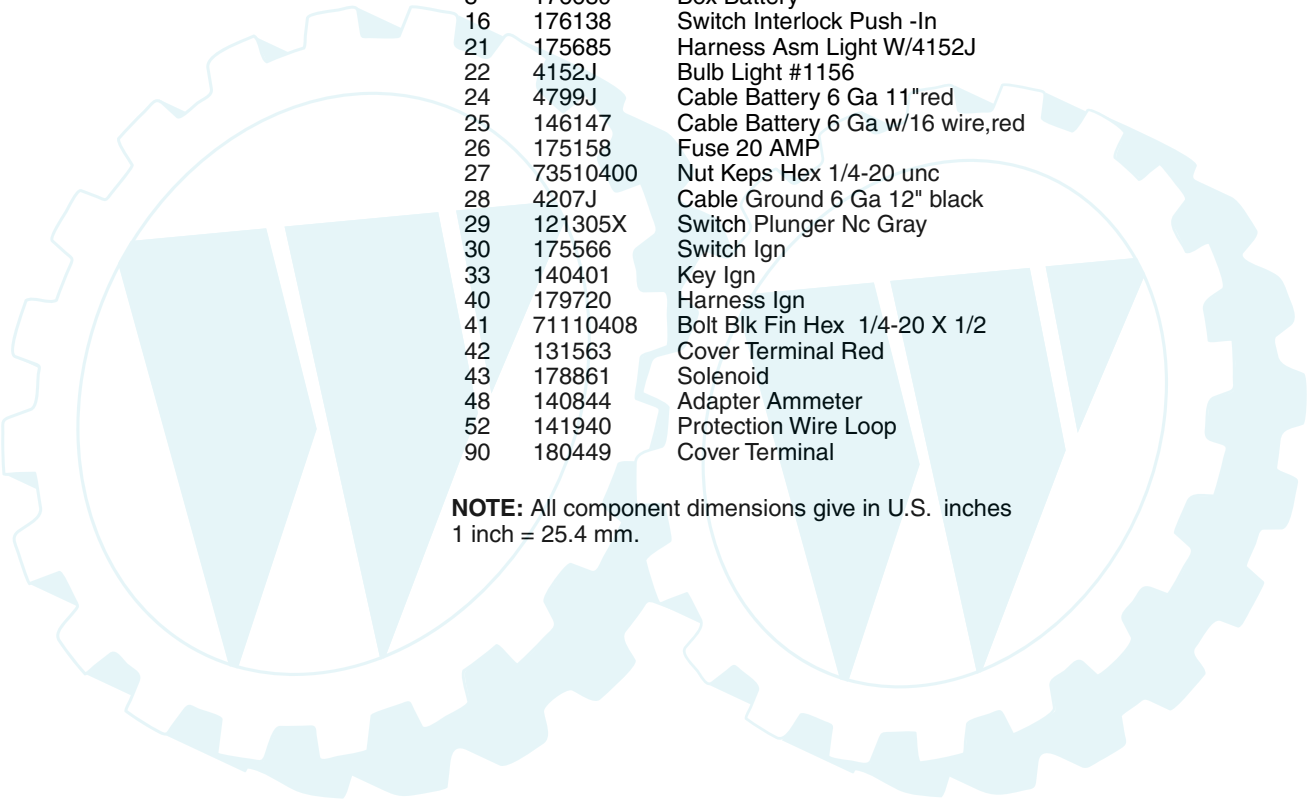
**NOTE:** IF WIRING INSULATED CLIPS WERE REMOVED FOR SERVICING OF UNIT, THEY SHOULD BE REPLACED TO PROPERLY SECURE YOUR WIRING.

# REPAIR PARTS

**TRACTOR - - MODEL NUMBER SO17H42STA PRODUCT NO. 954 57 03-69  
ELECTRICAL**



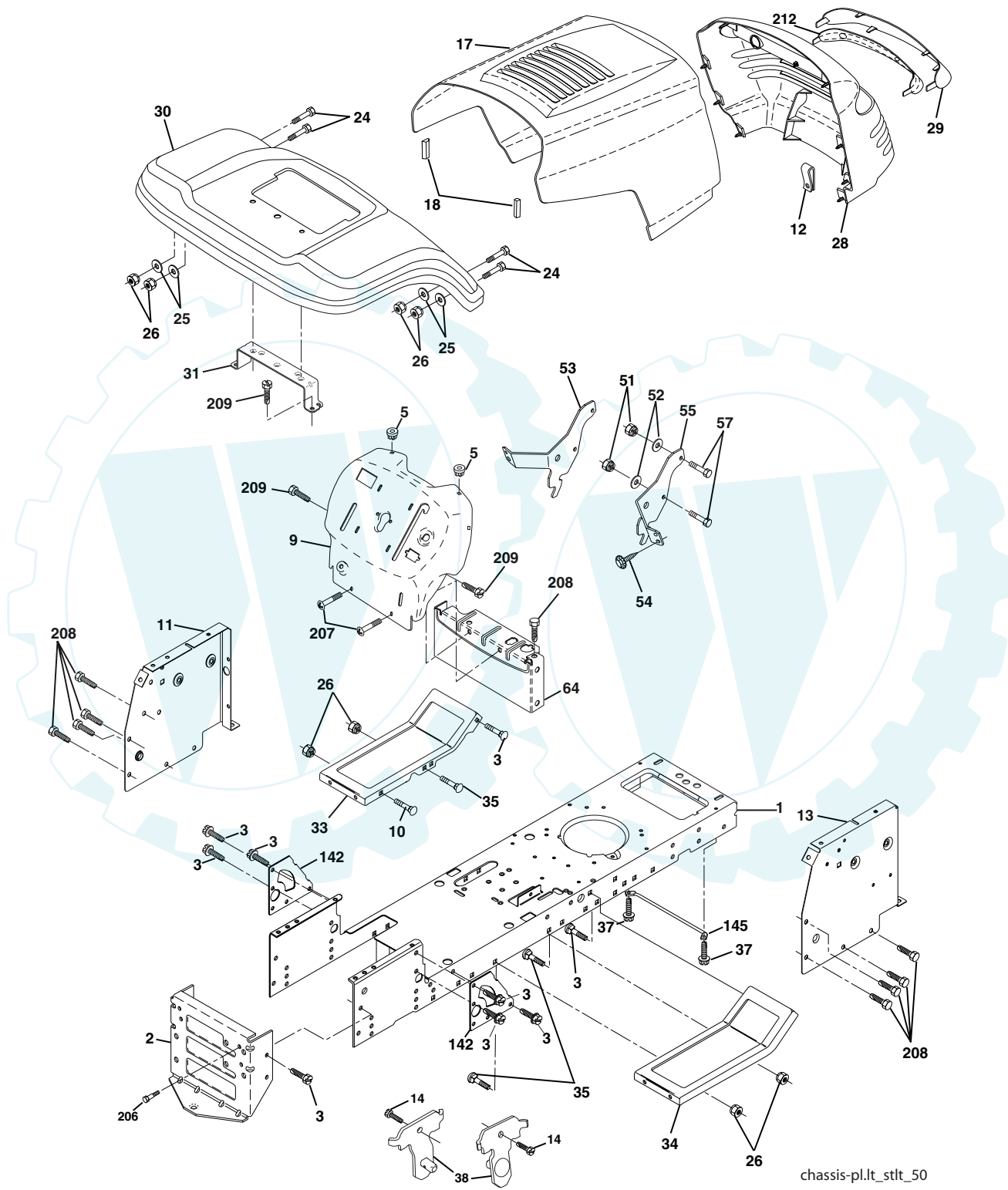
**TRACTOR - - MODEL NUMBER SO17H42STA PRODUCT NO. 954 57 03-69  
ELECTRICAL**



<b>KEY PART NO.</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>
1	163465	Battery 12 Volt 25 Amp
2	74760412	Bolt Hex Hd 1/4-20unc X 3/4
8	176689	Box Battery
16	176138	Switch Interlock Push -In
21	175685	Harness Asm Light W/4152J
22	4152J	Bulb Light #1156
24	4799J	Cable Battery 6 Ga 11"red
25	146147	Cable Battery 6 Ga w/16 wire,red
26	175158	Fuse 20 AMP
27	73510400	Nut Keps Hex 1/4-20 unc
28	4207J	Cable Ground 6 Ga 12" black
29	121305X	Switch Plunger Nc Gray
30	175566	Switch Ign
33	140401	Key Ign
40	179720	Harness Ign
41	71110408	Bolt Blk Fin Hex 1/4-20 X 1/2
42	131563	Cover Terminal Red
43	178861	Solenoid
48	140844	Adapter Ammeter
52	141940	Protection Wire Loop
90	180449	Cover Terminal

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

**TRACTOR - - MODEL NUMBER SO17H42STA PRODUCT NO. 954 57 03-69  
CHASSIS AND ENCLOSURES**



chassis-pl.lt\_stlt\_50

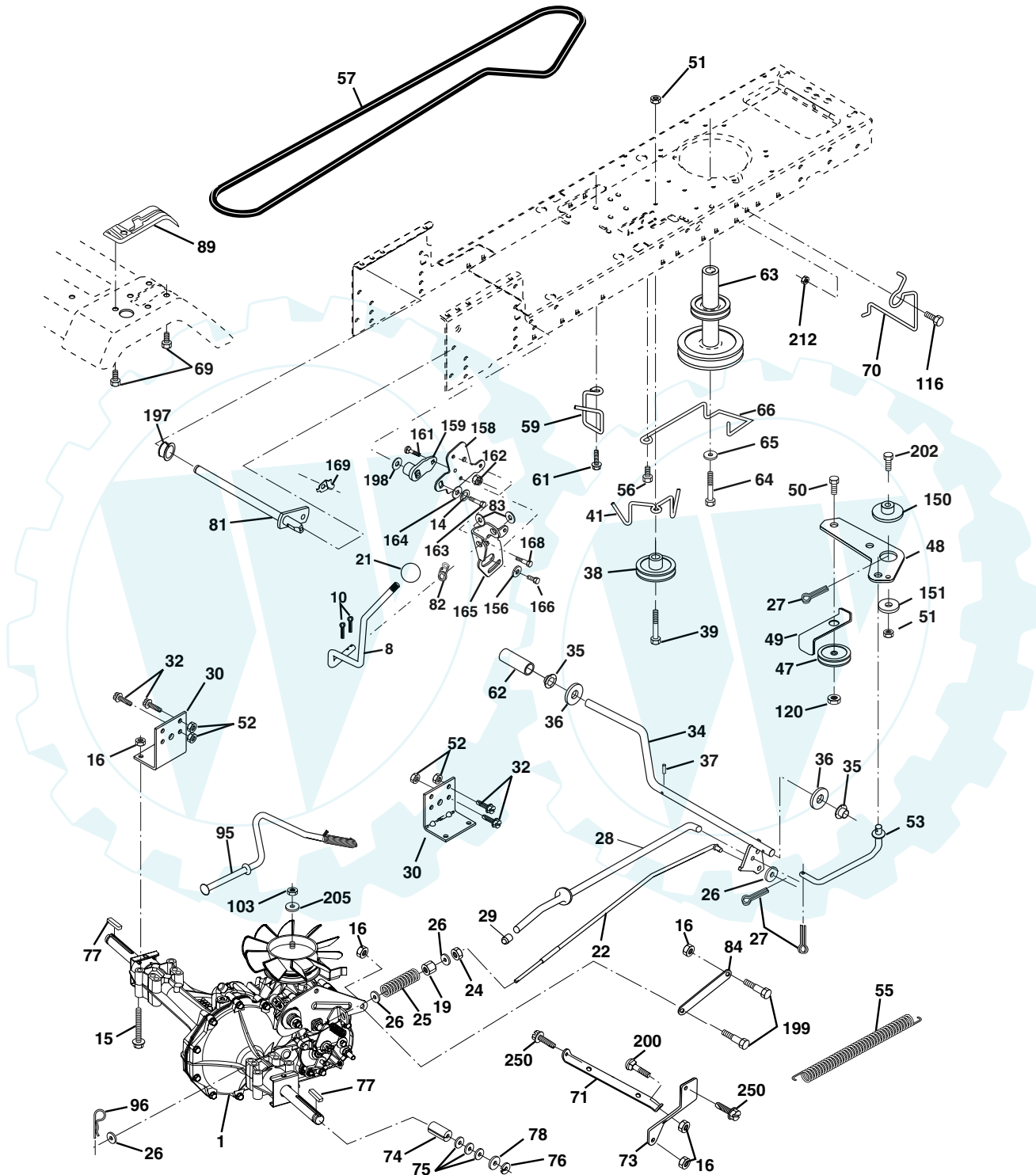
**TRACTOR - - MODEL NUMBER SO17H42STA PRODUCT NO. 954 57 03-69  
CHASSIS AND ENCLOSURES**



<b>KEY NO.</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>
1	174619	Chassis
2	176554	Drawbar
3	17060612	Screw 3/8-16 x 3/4
5	155272	Bumper Hood/Dash
9	168336X010	Dash
10	72140608	Bolt RdHd Sqnk. 3/8-16 Unc x 1
11	174996	Panel Asm. Dash Lh
12	145660	Clip Tinnerman Grille P/L
13	172105X010	Panel Dash Rh
14	17490608	Screw Thdrol 3/8-16 x 1/2
17	159639X417	Hood
18	184921	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	73800600	Nut Lock Hex w/Insert 3/8-16 UNC
28	179101	Grill/Lens Asm
29	140273X599	Lens Grille Private label
30	169468X417	Fender Asm
31	136619	Bracket Fender
33	179716X417	Footrest LH
34	179717X417	Footrest RH
35	72110606	Bolt RdHd Sht. Sqnk. 3/8-16 x 3/4
37	17490508	Screw Thdrol 5/16-18 x 1/2 Tyt
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 Hex Wshd 8-18 x 7/8
55	144696	Bracket, Grille RH
57	74780412	Bolt Fin Hex 1/4-20 x .75
64	154798	Dash Lower
142	175702	Plate Reinforcement
145	156524	Rod Pivot Chassis/Hood
206	170165	Bolt shoulder 5/16-18
207	17670508	Screw Thdrol 5/16-18 x 1/2
208	17670608	Screw Thdrol 3/8-16 x 1/2
209	17000612	Screw Hexwsh Thdr 3/8-16 x 3/4
212	156229	Insert Lens Reflector
--	5479J	Plug Btn Blk

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

**TRACTOR - - MODEL NUMBER SO17H42STA PRODUCT NO. 954 57 03-69  
GROUND DRIVE**

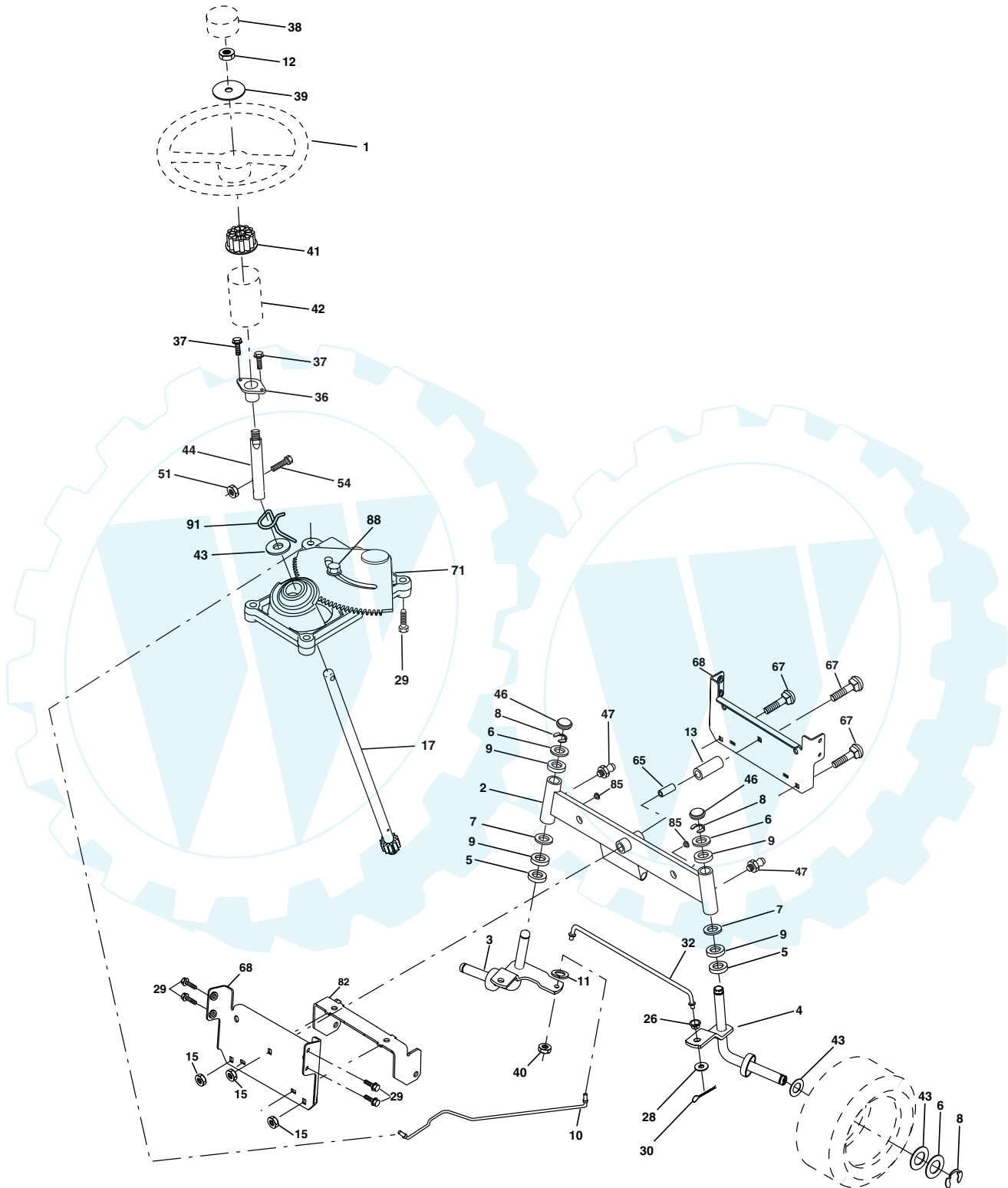


**TRACTOR - - MODEL NUMBER SO17H42STA PRODUCT NO. 954 57 03-69  
GROUND DRIVE**

KEY PART NO.	PART NO.	DESCRIPTION	KEY PART NO.	PART NO.	DESCRIPTION
1	-----	Transaxle Hydro Gear Model 322-0510 (Order parts from the transaxle manufacturer)	71	169183	Strap, Torque, Lh
			73	169182	Strap, Torque, Rh
			74	137057	Spacer, Axle
			75	121749X	Washer 25/32 x 1-1/4 x 16 Ga.
8	165619	Rod, Shift	76	12000001	Ring, E
10	76020416	Pin, Cotter 1/8 x 1	77	123583X	Key, Square
14	10040400	Washer Lock 1/4	78	121748X	Washer 25/32 x 1-5/8 x 16 Ga.
15	74490544	Bolt Hex Flghd 5/16-18 Gr. 5	81	165596	Shaft Asm Cross
16	73800500	Nut, Lock Hex w/Ins 5/16-18 UNC	82	123782X	Spring, Torsion
19	73800600	Nut, Lock Hex w/Wsh 3/8-16 UNC	83	19171216	Washer 17/32 x 3/4 x 16 Ga.
21	106933X	Knob Rd. 1/2-13 Plstc. Thds. Blk.	84	169843	Link Transaxle
22	169498	Rod, Brake	89	169373X428	Console, Shift
24	73350600	Nut	95	170201	Control Asm Bypass Hydro
25	106888X	Spring, Rod, Brake	96	4497H	Spring, Retainer 1"
26	19131316	Washer 13/32 x 13/16 x 16 Ga.	103	73940800	Nut, Hex Jam Toplock 1/2-20 UNF
27	76020412	Pin, Cotter 1/8 x 3/4	116	72140608	Bolt 3/8-16 x 1
28	175765	Rod, Parking Brake	120	73900600	Bolt Hex 3/8-16 x 1-1/2
29	71673	Cap, Parking Brake	150	175456	Spacer Retainer
30	174973	Bracket, Transmission	151	19133210	Washer 13/32 x 2 x 10
32	74760512	Bolt Hex 5/16-18 UNC x 3/4	156	166002	Washer 5/16 x 1.0 x 1.25
34	175578	Shaft, Foot Pedal	158	165589	Bracket Shift Mount
35	120183X	Bearing, Nylon	159	183900	Hub Tapered Flange Shift
36	19211616	Washer	161	72140406	Bolt Rdhd Sqnk 1/4-20 x 3/4 Gr. 5
37	1572H	Pin, Roll	162	73680400	Nut Crownlock 1/4-20 Unc
38	179114	Pulley, Idler, Composite	163	74780416	Bolt Hex Fin 1/4-20 x 1
39	74760648	Bolt	164	19091010	Washer 5/8 x .281 x 10 Ga.
41	175556	Keeper, Belt, Idler	165	165623	Bracket Pivot Lever
47	127783	Pulley, Idler, V-Belt	166	166880	Screw 5/16 x 1.0 x .125
48	154407	Bellcrank Clutch Grnd Drustl	168	165492	Bolt Shoulder 5/16-18 x .561
49	123205X	Retainer, Belt	169	165580	Plate Fastening LT
50	72110612	Bolt Carr Sh 3/8-16 x 1-1/2 Gr. 5	197	169613	Nyliner Snap-in 5/8" ID
51	73680600	Nut	198	169593	Washer Nyl 7/8ID x .105"HYD
52	73680500	Nut Crownlock 5/16-28	199	169612	Bolt Shoulder 5/16-18 Unc
53	105710X	Link, Clutch	200	72140508	Bolt Rdhd Sqnk 5/16-18 Unc x 1
55	105709X	Spring, Return, Clutch	202	72110614	Bolt Car SH 3/8-16 x 1-1/2 Gr 5
56	17060620	Screw 3/8-16 x 1-1/4	205	19171616	Washer 17/32 x 1 x 16 Ga
57	140294	V-Belt, Drive	212	145212	Nut Hex Flange Lock
59	169691	Keeper, Belt, Center	250	17060612	Screw 3/8-16 x .75
61	17120614	Screw, 3/8-16 x .875			
62	8883R	Cover, Pedal			
63	175410	Pulley, Engine			
64	71170764	Bolt Hex 7/16 x 4 Gr. 5			
65	10040700	Washer			
66	154778	Keeper, Belt Engine Hydro			
69	142432	Screw Hex Wsh Hi-Lo 1/4-1/2 Unc			
70	134683	Guide, Belt, Mower Drive RH			

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

**TRACTOR - - MODEL NUMBER SO17H42STA PRODUCT NO. 954 57 03-69  
STEERING ASSEMBLY**



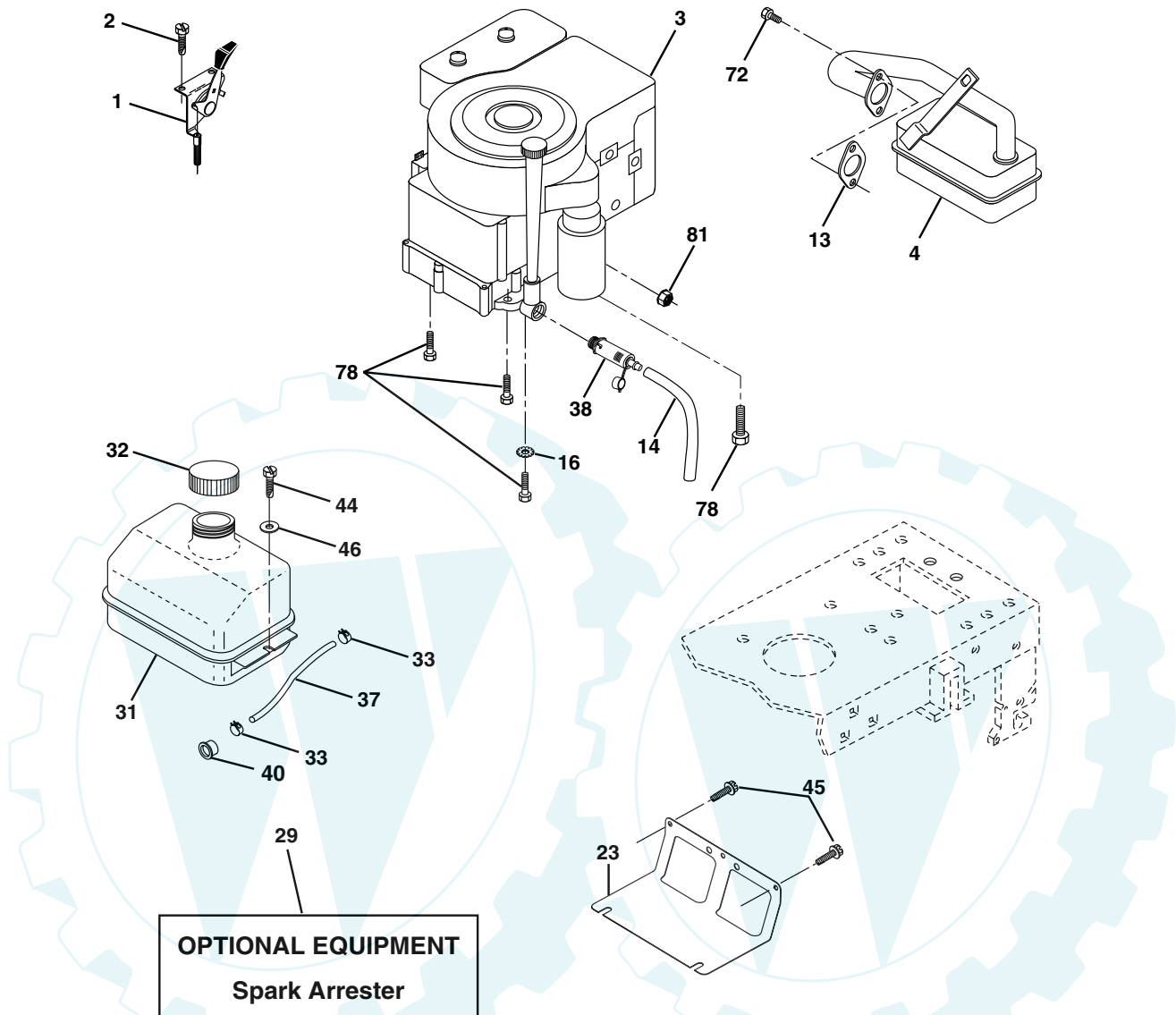


**TRACTOR - - MODEL NUMBER SO17H42STA PRODUCT NO. 954 57 03-69  
STEERING ASSEMBLY**

KEY NO.	PART NO.	DESCRIPTION
1	140044X428	Wheel Steering Auto Black
2	175131	Axle Asm Front
3	169840	Spindle Asm Lh
4	169839	Spindle Asm Rh
5	6266H	Bearing Race Thrust Harden
6	121748X	Washer 25/32 X 1 5/8 X 16ga
7	19272016	Washer 27/32 X 1 1/4 X 16 Ga
8	12000029	Ring Klip #15304-75
9	3366R	Bearing Col Strg Blk
10	175121	Link Drag Extended
11	10040600	Lockwasher
12	73940800	Nut Hex Jam Toplock 1/2-20 Unf
13	136518	Spacer Bearing Axle Front
15	145212	Hex Flange Lock
17	180641	Shaft Asm Strg
26	126847X	Bushing Rod Tie Blk Lt
28	19131416	Washer 13/32 X 7/8 X 16ga
29	17060612	Screw 3/8-16x3/4
30	76020412	Pin
32	130465	Rod Tie Wire Form 19 75 Mech
36	155099	Bushing Strg 5/8 Id Dash
37	152927	Screw TT #10-32 x 5 x 3/8 Flange
38	140045X428	Insert Cap Strg
39	19183812	Washer 9/16 ID x 2-3/8 OD 12 Gr
40	7810H	Locknut Center
41	100711L	Adaptor Wheel Strg 640/ 635id
42	145054X428	Boot Dash Steering
43	121749X	Washer 25/32 X 1 1/4 X 16 Ga
44	180640	Extension Steering
46	121232X	Cap Spindle Fr Top Blk
47	183226	Fitting Grease
51	73540400	Nut Crownlock 1/4-28
54	71130420	Bolt Hex 1/4-28unf x 1-1/4 Gr. 8
65	160367	Spacer Brace Axle
67	72140618	Bolt Rdhd Sq 3/8-16 Unc x 2-3/4
68	169827	Brace Axle
71	175146	Steering Asm
82	169835	Bracket Susp Chassis Front
85	133835	Fastener Christmas Tree
88	175118	Bolt Shoulder 7/16-20
91	175553	Clip Steering

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

**TRACTOR - - MODEL NUMBER SO17H42STA PRODUCT NO. 954 57 03-69  
ENGINE**

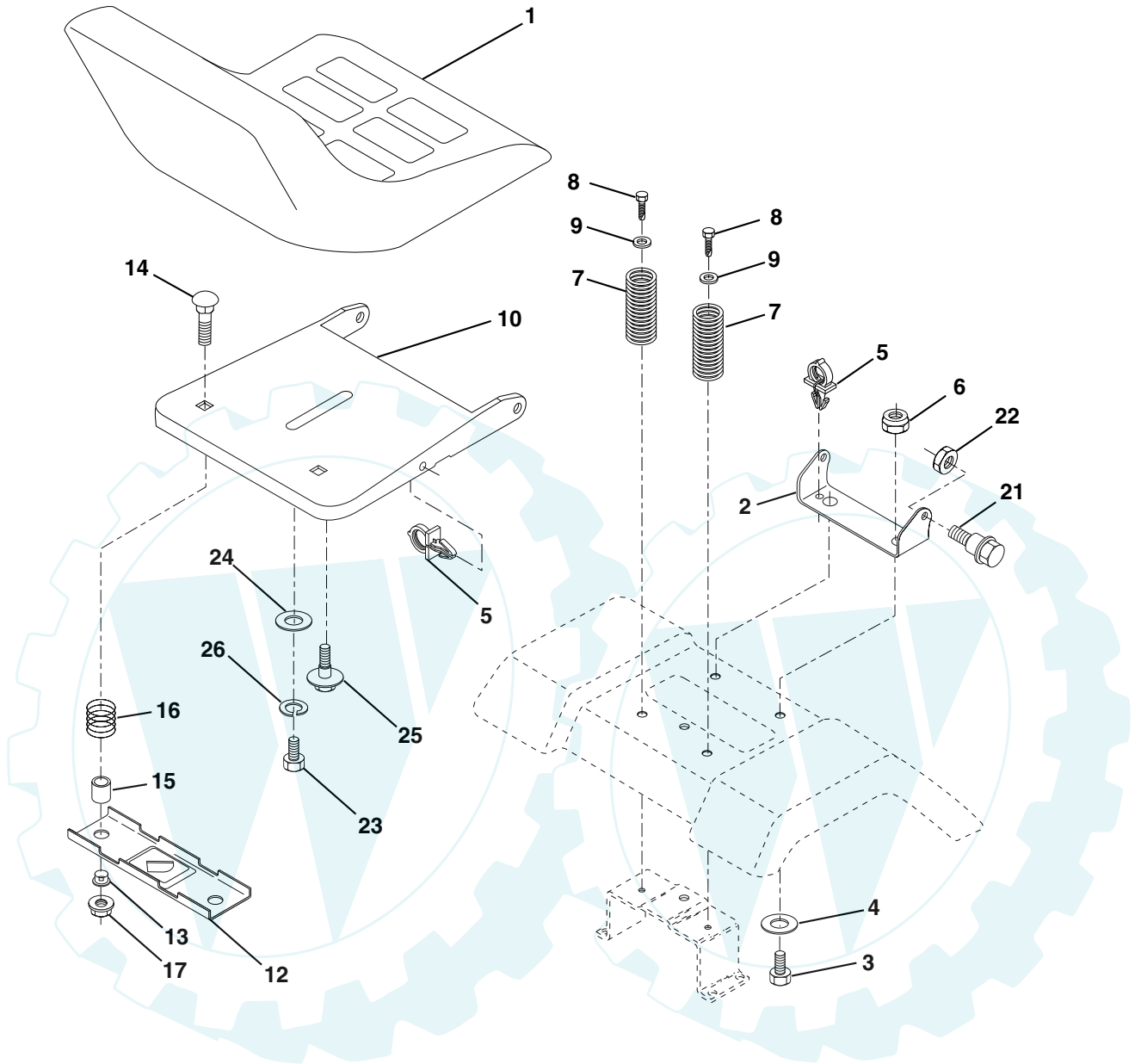


KEY PART NO.	NO.	DESCRIPTION
1	170551	Control Throt /Ch Flag
2	17720408	Screw Hex Thd Cut 1/4-20x1/2
3	-----	Engine Briggs Model 31C707 (Order Parts From Engine Manufacturer)
4	137352	Muffler Exhaust B&S Lt
13	165291	Gasket 1 313 Id Tin Plated
14	148456	Tube Drain Oil Easy
16	11050600	Washer Lock Ext Tooth 3/8
23	169837	Shield Browning/Debris Guard
29	137180	Arrestor Spark
31	184900	Tank Fuel 1 25 Fr
32	140527	Cap Asm Fuel W/sym Vented

KEY PART NO.	NO.	DESCRIPTION
33	123487X	Clamp Hose Blk
37	137040	Line Fuel 20"
38	181654	Plug Drain Oil Easy
40	124028X	Bushing Snap Nyl Blk Fuel Line
44	17670412	Screw Hexwsh Thdrol 1/4-20x3/4
45	17000612	Screw Hex Wsh Thdrol 3/8-16
46	19091416	Washer 9/32 X 7/8 X 16ga
72	183906	Screw Socket Head 5/16-18 x 1
78	17060620	Screw Thdrol 3/8-16x1-1/4
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 SO17H42STA PRODUCT NO. 954 57 03-69  
SEAT ASSEMBLY**

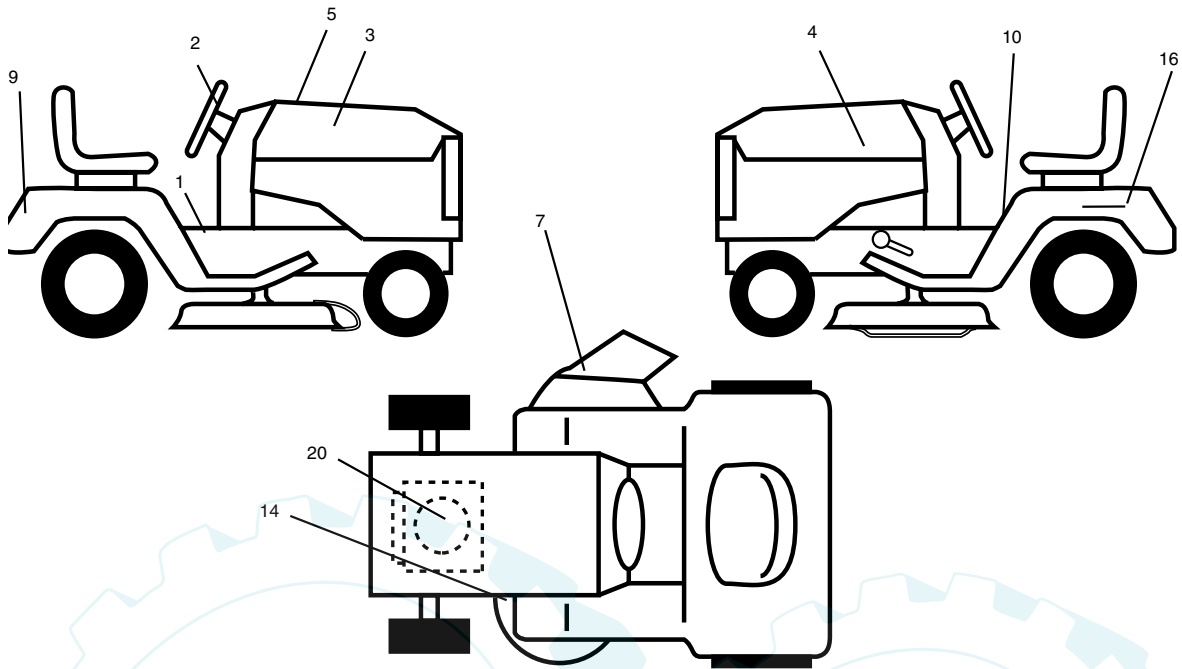


KEY PART NO.	NO.	DESCRIPTION
1	140116	Seat
2	140551	Bracket Pnt Pivot Seat (blk )
3	71110616	Bolt
4	19131610	Washer 13/32 x 1 x 10 Ga
5	145006	Clip Push-In Hinged
6	73800600	Nut
7	124181X	Spring Seat Cprsn 2 250 Blk Zi
8	17000616	Screw 3/8-16 x 1.5
9	19131614	Washer 13/32 x 1 x 14 Ga
10	182493	Pan Pnt Seat (blk )
12	121246X	Bracket Pnt Mounting Switch
13	121248X	Bushing Snap Blk Nyl 50 Id

KEY PART NO.	NO.	DESCRIPTION
14	72050412	Bolt Rdhd Sht Nk 1/4-20 x 1-1/2
15	134300	Spacer Split 28 x 96 Yel Zinc
16	121250X	Spring Cprsn 1 27 Blk Pnt
17	123976X	Nut Lock 1/4 Lge Flg Gr 5 Zinc
21	171852	Bolt Shoulder 5/16-18 Unc Blkz-2A
22	73800500	Nut
23	71110814	Bolt Hex Black
24	19171912	Washer 17/32 x 1-3/16 x 12 Ga
25	127018X	Bolt Shoulder 5/16-18 x 62
26	10040800	Lockwasher

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

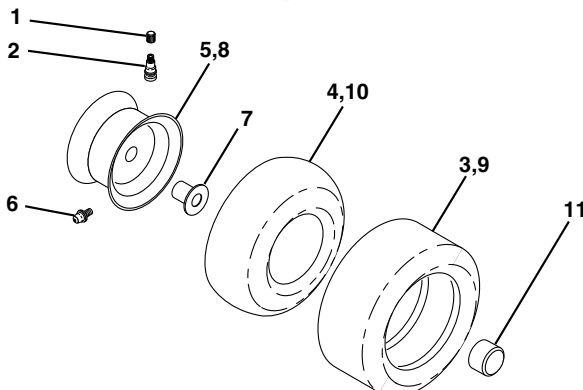
**TRACTOR - - MODEL NUMBER SO17H42STA PRODUCT NO. 954 57 03-69  
DECALS**



KEY PART NO.	PART NO.	DESCRIPTION
1	156811	Decal Instruction Operat English/French
2	186193	Decal Ins Strg Whl Statesman
	186232	Decal Ins Strg Whl Agway
3	186190	Decal Hood RH Statesman
	186230	Decal Hood RH Agway
4	186191	Decal Hood LH Statesman
	186231	Decal Hood LH Agway
5	185411	Decal Final Replacement
7	179128	Decal Deck "B" 42"
9	186198	Decal Fender Statesman
	186209	Decal Fender Agway

KEY PART NO.	PART NO.	DESCRIPTION
10	156439	Decal Danger English
14	160396	Decal V-belt Schematic 42"
16	145005	Decal Battery Danger/Poison
20	184851	Decal HP Engine
--	181249	Decal Footrest
--	186208	Decal Chassis 17/42 Hydro Statesman
--	186235	Decal Chassis 17/42 Hydro Agway
--	138311	Decal Lift Handle
--	169210	Decal By-Pass
--	185644	Manual Owner's English
--	185645	Manual Owner's Spanish

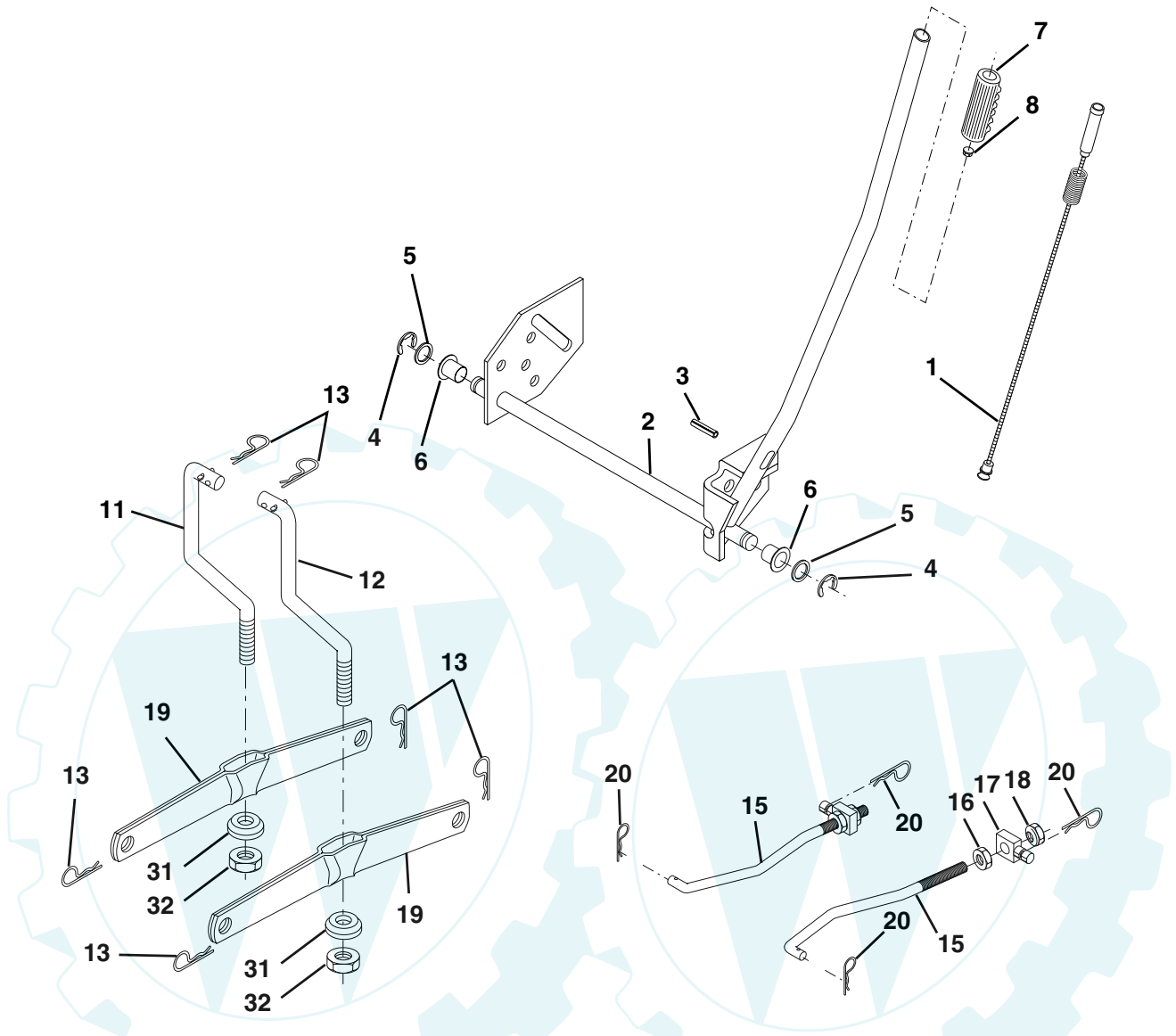
**WHEELS & TIRES**



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	106732X624	Rim Asm 6"front White Service
6	278H	Fitting Grease (Front Wheel Only)
7	9040H	Bearing Flange (Front Wheel Only)
8	106108X624	Rim Asm 8"rear White Service
9	106268X	Tire R Ts 18x9.5-8 C Service
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 SO17H42STA PRODUCT NO. 954 57 03-69  
LIFT ASSEMBLY**

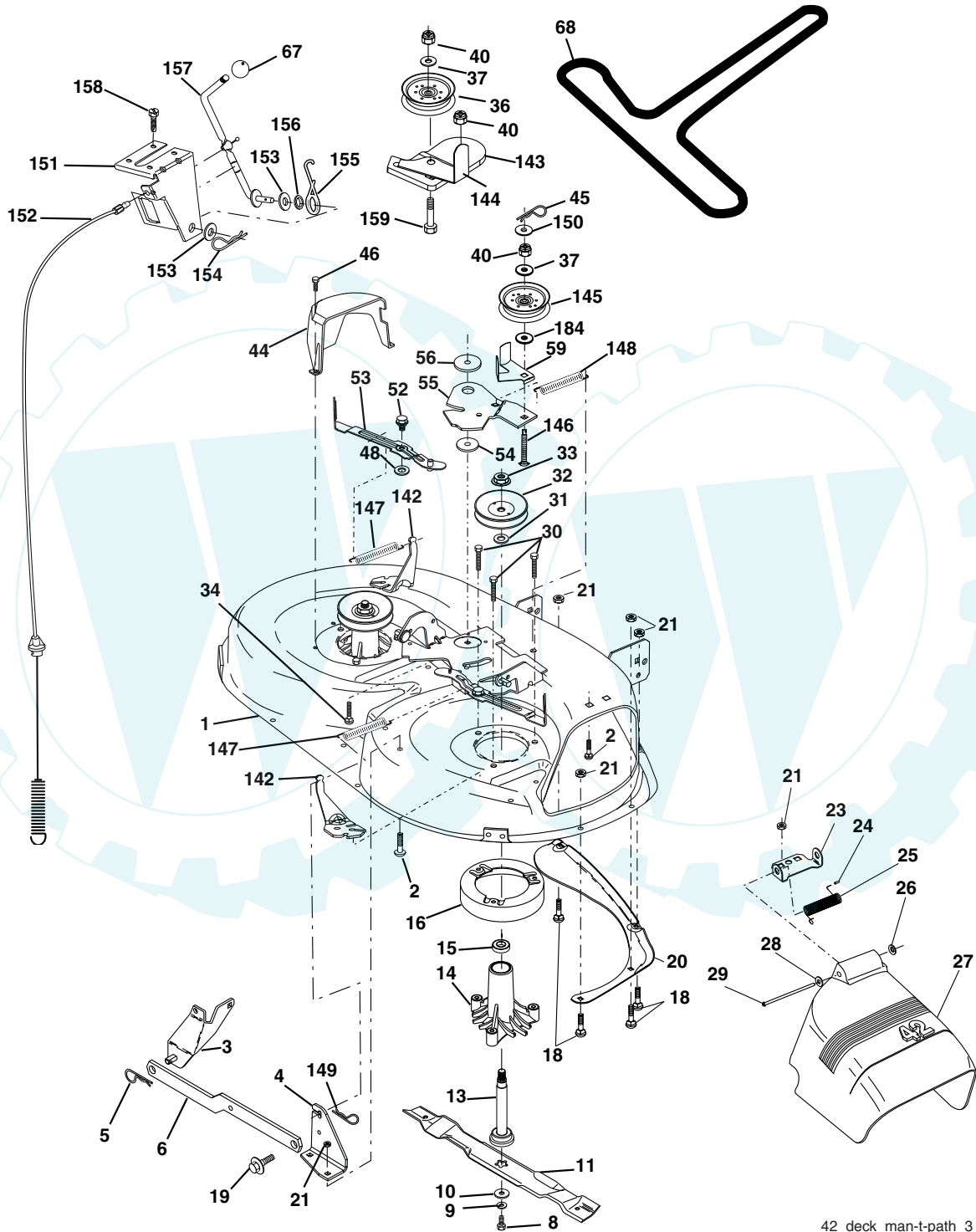


KEY PART NO.	PART NO.	DESCRIPTION
1	159460	Wire Asm Inner/Sprg w/Plunger
2	159471	Shaft Asm Lift
3	105767X	Pin Groove
4	12000002	E Ring #5133-62
5	19211621	Washer 21/32 x 1 x 21 Ga.
6	120183X	Bearing Nylon
7	109413X	Grip Handle
8	124526X	Button Plunger
11	139865	Link Lift Lh
12	139866	Link Lift Rh

KEY PART NO.	PART NO.	DESCRIPTION
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
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 SO17H42STA PRODUCT NO. 954 57 03-69  
MOWER DECK**



42\_deck\_man-t-path\_3

**TRACTOR - - MODEL NUMBER SO17H42STA PRODUCT NO. 954 57 03-69  
MOWER DECK**

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	165892	Mower Deck Assembly, 42"	45	4497H	Retainer
2	72140506	Bolt	46	137729	Screw, Thdrol 1/4-20 x 5/8 T
3	138017	Bracket Asm Fr. Sway Bar 3/42	48	133944	Washer, Hardened
4	165460	Bracket Asm Deck 42" Sway Bar	52	139888	Bolt, Shoulder 5/16-18 UNC
5	4939M	Retainer Spring	53	<b>184907</b>	Arm Assembly, Pad, Brake
6	178024	Bar Sway Deck	54	178515	Washer, Hardened
8	850857	Bolt 3/8-24 x 25 Grade 8 patched	55	155046	Arm, Idler
9	10030600	Washer, Lock	56	165723	Spacer, Retainer
10	140296	Washer, Hardened	59	141043	Guard TUV Idler
		(The following blades are available)	67	106932X	Knob
11	134149	Blade, 42" Mulching Std (For mulching mowers only)	68	144959	V-Belt, 42" Mower
11	139775	Blade, 42" Mulching Premium (For better wear when mulching)	142	165890	Arm Spring Brake Mower
11	138971	Blade, 42" Hi-Lift (For bagging or discharging)	143	157109	Bracket Arm Idler 42"
13	137645	Shaft Assembly, Mandrel, Vented	144	158634	Keeper Belt 42" Clutch Cable
14	128774	Housing, Mandrel, Vented	145	165888	Pulley Idler Flat
15	110485X	Bearing, Ball, Mandrel	146	171977	Bolt Carriage Idler
16	174493	Stripper, Vented Mower Deck	147	131335	Spring Extension
18	72140505	Bolt, Carriage 5/16-18 x 5/8	148	169022	Spring Return Idler
19	132827	Bolt, Shoulder	149	165898	Retainer Spring Yellow
20	159770	Baffle, Vortex	150	19091216	Washer 9/32 x 3/4 x 16 Ga.
21	73680500	Nut	151	169670	Bracket Clutch Cable
23	177563	Bracket, Deflector Mower 42"	152	169676	Clutch Cable 42"
24	105304X	Cap, Sleeve 80 x 112 Blk Mower	153	169674	Washer Flat 3/8" Type B
25	123713X	Spring, Torsion, Deflector 2 52	154	169675	Spring Retainer
26	110452X	Nut, Push Phos & Oil	155	169671	Spring Retention LVR CLTCH CAB
27	130968X428	Shield, Deflector 42" Blk	156	169672	Spacer Clutch Cable
28	19111016	Washer 11/32 x 5/8 x 16 Gauge	157	169669	Rod Clutch Cable 3/8"
29	131491	Rod, Hinge 42" 6 75 W/G	158	17720408	Screw Hex Thd Cut 1/4-20 x 1/2
30	173984	Screw Thdrol Washer Head	159	72140614	Bolt Rdhd Sqn 3/8-16 UNC x 1-3/4
31	129963	Washer, Spacer Mower Vented	184	19131410	Washer 13/32 x 7/8 x 10 Ga.
32	153535	Pulley, Mandrel	--	130794	Mandrel Assembly (Includes Housing, Shaft and Shaft Hardware Only-Pulley Not Included)
33	178342	Nut, Toplock Flange	--	171639	Replacement Mower, Complete
34	72110614	Bolt			
36	131494	Pulley, Idler, Flat			
37	19131316	Washer 13/32 x 13/16 x 16 Gauge			
40	73680600	Nut			
44	140088	Guard, Mandrel, LH			

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