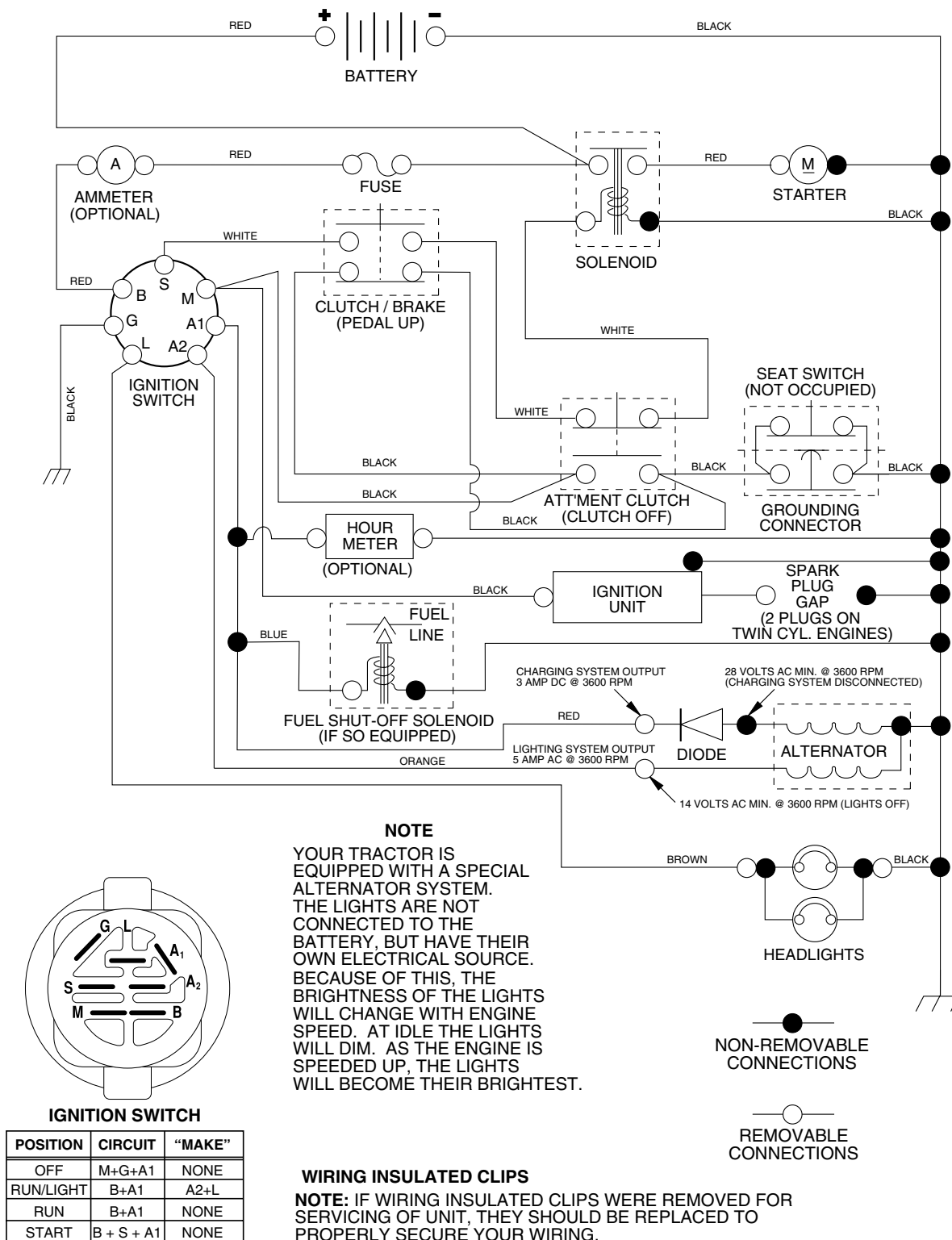


TRACTOR - - MODEL NUMBER CO18H42STA

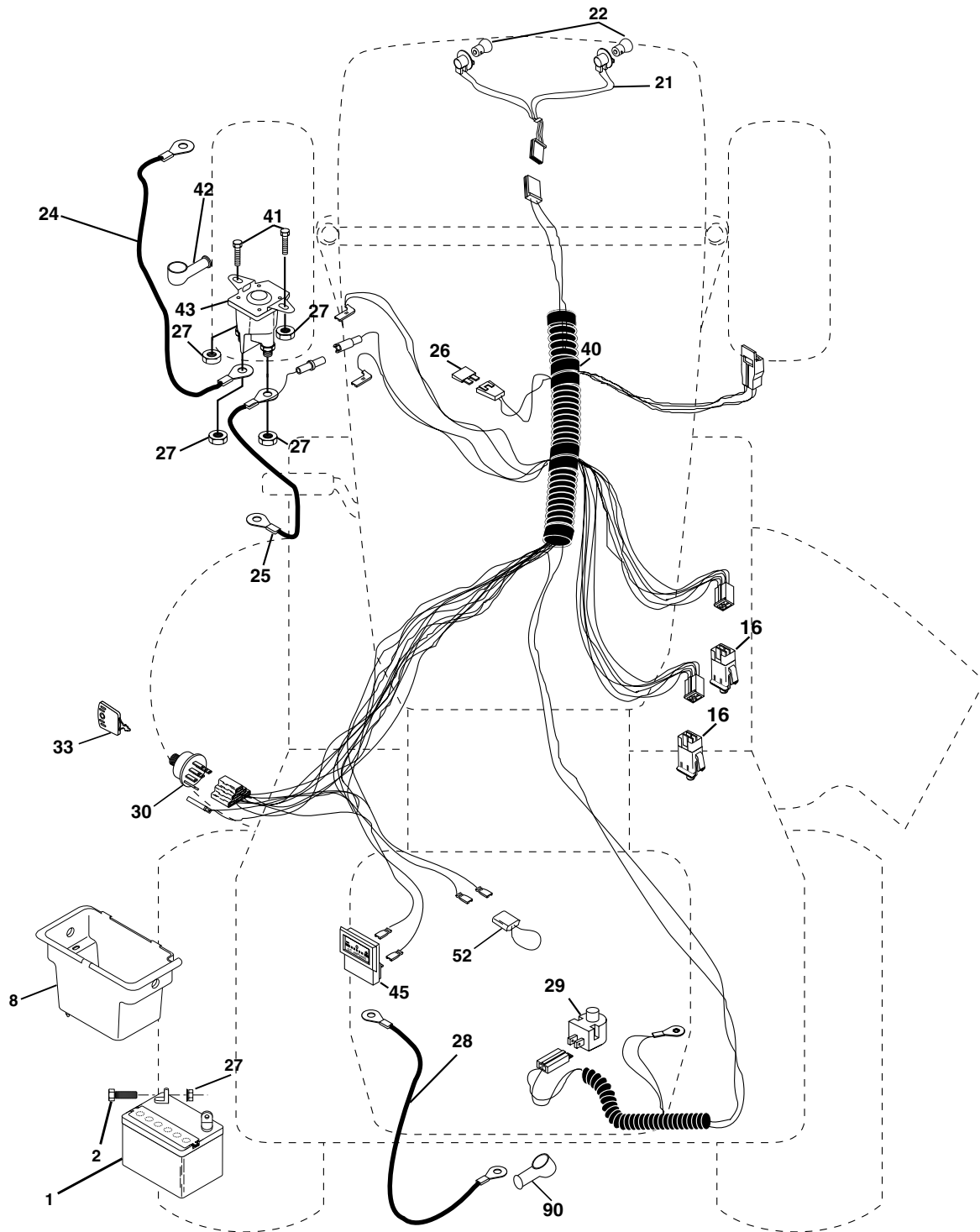
SCHEMATIC



REPAIR PARTS

ELECTRICAL **TRACTOR - - MODEL NUMBER CO18H42STA**

ELECTRICAL

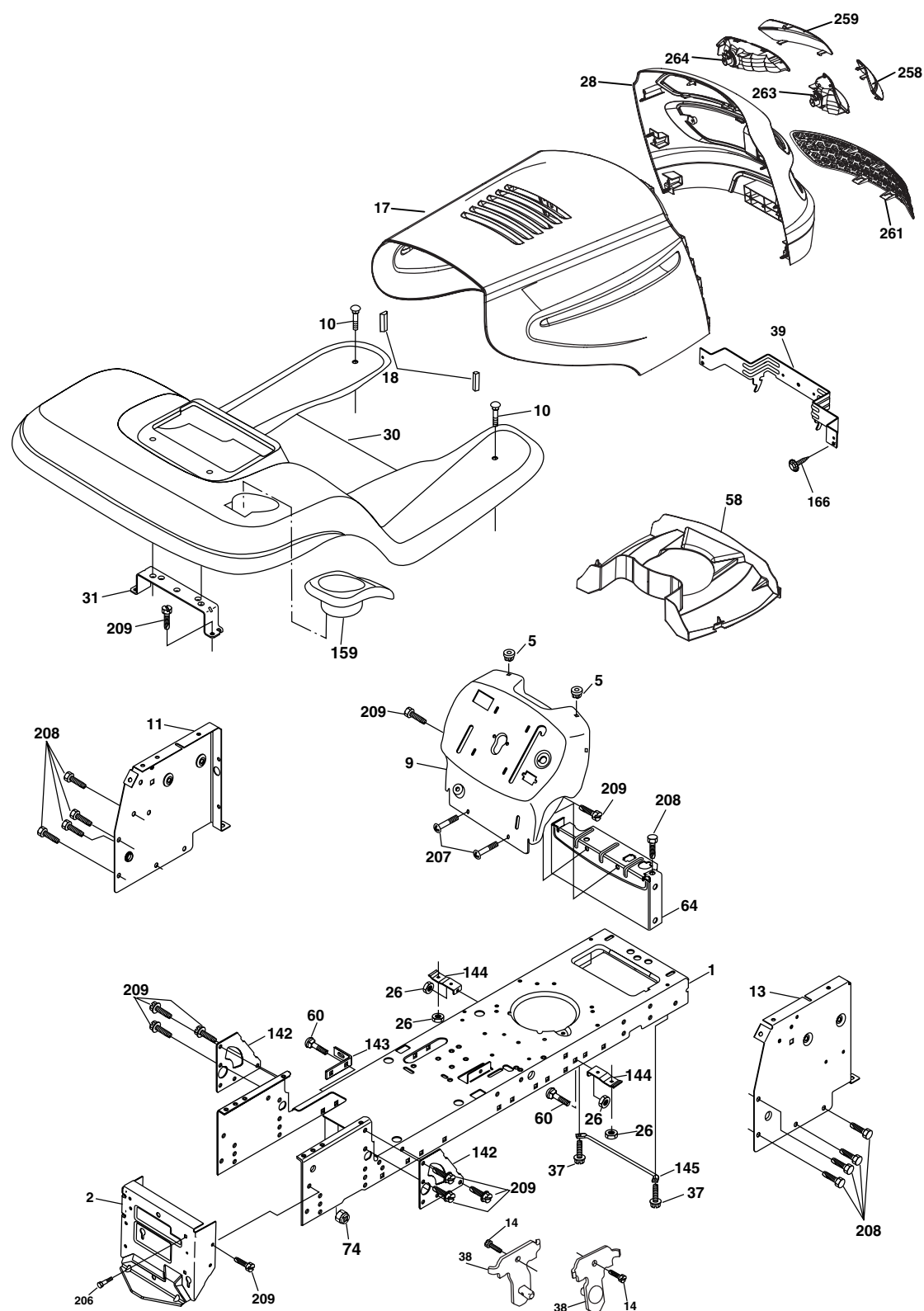


ELECTRICAL**TRACTOR - - MODEL NUMBER CO18H42STA**

KEY NO.	PART NO.	DESCRIPTION
1	163465	Battery
2	74760412	Bolt Hex Hd 1/4-20 Unc x 3/4
8	176689	Box Battery
16	176138	Switch, Interlock
21	183759	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
27	73510400	Nut Keps Hex 1/4-20 Unc
28	4207J	Cable Ground 6 Ga 12" black
29	121305X	Switch Plunger Normal Op Gray
30	175566	Switch Ign
33	140401	Key Ign
40	179720	Harness Ign
41	71110408	Bolt Blk. Fin Hex 1/4-20 Unc x 1/2
42	131563	Cover Terminal Red
43	178861	Solenoid
45	121433X	Ammeter Rectangular 6 Amp
52	141940	Protection Wire Loop
90	180449	Cover Terminal

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

TRACTOR - - MODEL NUMBER CO18H42STA
CHASSIS AND ENCLOSURES



chassis_elite sv_pro_11

TRACTOR - - MODEL NUMBER CO18H42STA

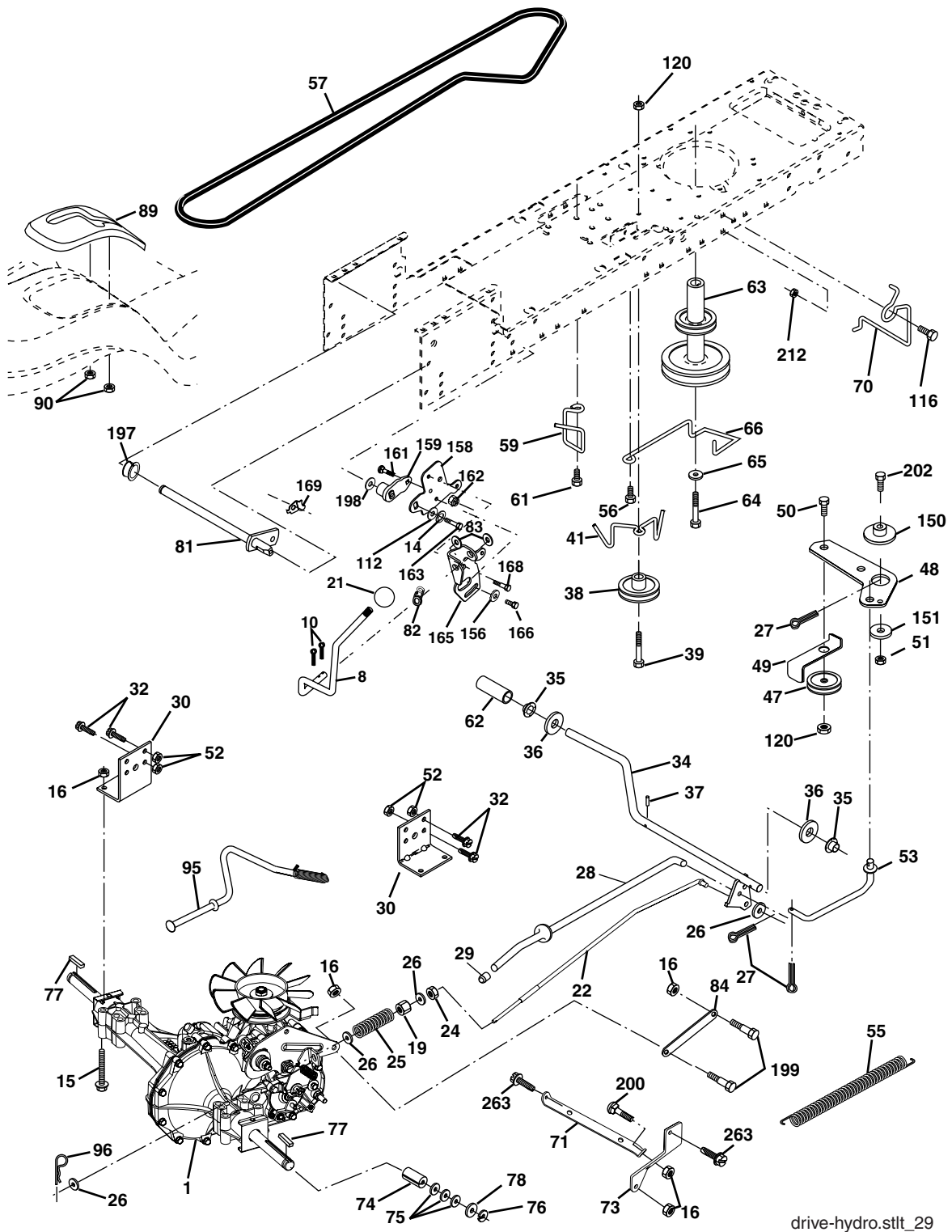
CHASSIS AND ENCLOSURES

KEY NO.	PART NO.	DESCRIPTION
1	174619	Chassis
2	176554	Drawbar
5	155272	Bumper Hood/Dash
9	187846X012	Dash
10	72140608	Bolt, Carriage 3/8-16 x 3/4
11	174996	Panel, Dash, L.H.
13	179174X010	Panel, Dash, R.H.
14	17490608	Screw Thdrol 3/8-16 x 1/2
17	183393X428	Hood
18	184921	Bumper Hood
26	73800600	Nut
28	183828	Grille/Lens Asm. (Includes Key Nos. 258, 259, 261, 263 and 264)
30	175692X428	Fend/Ftrest
31	139976	Bracket, Fender Support
37	17490508	Screw Thdrol 5/16-18 x 1/2
38	175710	Pivot Bracket Assembly, Rear
39	174714	Bracket Pivot Laser Lt
58	184322	Duct Intake
60	72140606	Bolt Rdhd Sqnk 3/8-16 UNC x 1
64	154798	Dash Lower STLT
74	73680600	Nut Crownlock 3/8-16 UNC
142	175702	Plate Reinforcement STLT
143	186689	Bracket Swaybar Chassis
144	175582	Bracket Pnt Footrest STLT
145	156524	Rod Pivot Chassis/Hood
159	155123X428	Cupholder Stlt Black
166	191611	Screw 10 x 3/4 Single Lead-Hex
206	170165	Bolt Shoulder 5/16-18 TT
207	17670508	Screw Thdrol 5/16-18 x 1/2 Tytt
208	17670608	Screw Thdrol 3/8-16 x 1/2
209	17000612	Screw Hexwsh Thdr. 3/8-16 x 3/4
258	183835X599	Lens RH
259	183834X599	Lens LH
261	183829X428	Insert Grille
263	183833	Bezel RH
264	183832	Bezel LH
- -	5479J	Plug, Button
- -	187801	Plug, Dome Plastic

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

TRACTOR - - MODEL NUMBER CO18H42STA

GROUND DRIVE



drive-hydro.stlt_29

TRACTOR - - MODEL NUMBER CO18H42STA

GROUND DRIVE

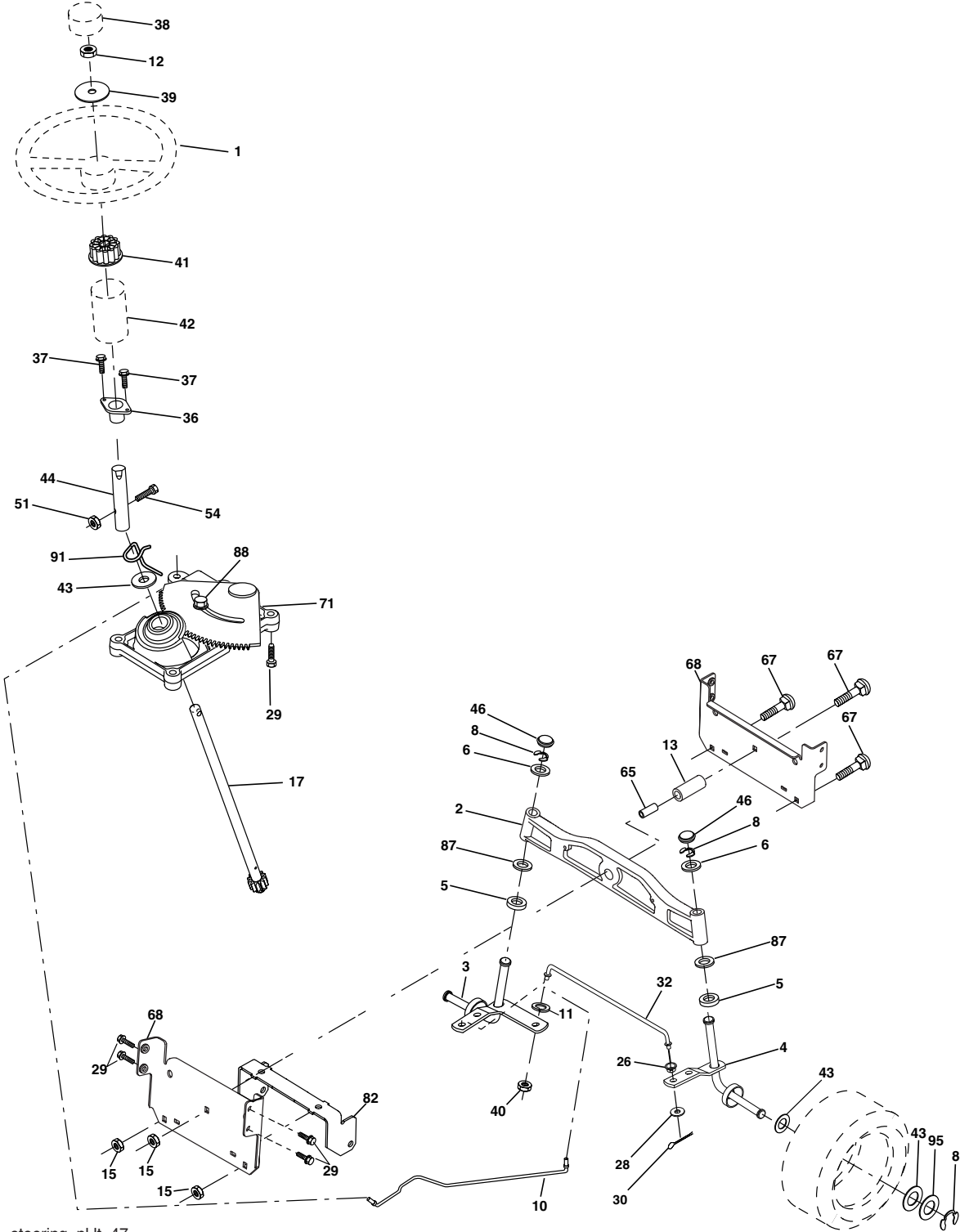
KEY NO.	PART NO.	DESCRIPTION
1	-----	Transmission (Order parts from transaxle mauftr.)
		Hydro Gear Model 314-0510
8	165866	Rod, Shift
10	76020416	Pin, Cotter 1/8 x 1
14	10040400	Washer Lock 1/4
15	74490544	Bolt Hex Flghd 5/16-18 Gr. 5
16	73800500	Nut, Lock Hex w/Ins 5/16-18 unc
19	73800600	Nut Lock Hex w/Ins 3/8-16
21	106933X	Knob
22	169498	Rod, Brake
24	73350600	Nut
25	106888X	Spring, Rod, Brake
26	19131316	Washer 13/32 x 13/16 x 16 Ga.
27	STD561210	Pin, Cotter 1/8 x 3/4
28	175765	Rod, Parking Brake
29	71673	Cap, Parking Brake
30	169592	Bracket, Transmission
32	74760512	Bolt Hex 5/16-18 unc x 3/4
34	175578	Shaft, Foot Pedal
35	120183X	Bearing, Nylon
36	19211616	Washer
37	1572H	Pin, Roll
38	179114	Pulley, Composite
39	72110622	Bolt
41	175556	Keeper, Belt, Idler
47	127783	Pulley, Idler, V-Belt
48	154407	Bellcrank Clutch Grnd Drustl
49	123205X	Retainer, Belt
50	72110612	Bolt Carr. Sh 3/8-16 x 1-1/2 Gr. 5
51	73680600	Nut
52	73680500	Nut Crownlock 5/16-18
53	105710X	Link, Clutch
55	105709X	Spring, Return, Clutch
56	17060620	Screw 3/8-16 x 1-1/4
57	140294	V-Belt, Drive
59	169691	Keeper, Belt, Center
61	17120614	Screw 3/8-16 x .875
62	8883R	Cover, Pedal
63	175410	Pulley, Engine
64	173937	Bolt Hex 7/16 x 4 Gr. 5
65	10040700	Washer
66	154778	Keeper, Belt Engine Hydro

KEY NO.	PART NO.	DESCRIPTION
70	134683	Guide, Belt, Mower Drive RH
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.
76	12000001	Ring, E
77	123583X	Key, Square
78	121748X	Washer 25/32 x 1-5/8 x 16 Ga.
81	165596	Shaft Asm Cross
82	165711	Spring, Torsion
83	19171216	Washer 17/32 x 3/4 x 16 Ga.
84	169594	Link Transaxle
89	164890X428	Console, Shift
90	124346X	Nut Self-Thd Wshd 1/4
95	170201	Control Asm Bypass Hydro
96	4497H	Spring, Retainer 1"
112	19091210	Washer 9/32 x 3/4 x 10 Ga.
116	72140608	Bolt Rdhd Sq Neck 3/8-16 x 1
120	73900600	Nut Lock Flg 3/8-16
150	175456	Spacer Retainer
151	19133210	Washer 13/32 x 2 x 10
156	166002	Washer 5/16 x 1.0 x 1.25
158	165589	Bracket Shift Mount
159	183900	Hub Shift
161	72140406	Bolt Rdhd Sqnk 1/4-20 x 3/4 Gr. 5
162	73680400	Nut Crownlock 1/4-20 unc
163	74780416	Bolt Hex Fin 1/4-20 x 1
165	165623	Bracket Pivot Lever
166	17490510	Screw 5/16 x 18 x 5/8
168	165492	Bolt Shoulder 5/16-18 x .561
169	165580	Plate Fastener Cross Shaft
197	169613	Nyliner Snap-In
198	169593	Washer Nyliner
199	169612	Bolt Shoulder 5/16-18 unc
200	72140508	Bolt RdHd Sqnk 5/16-18 unc x 1
202	72110614	Bolt Carr. Sh 3/8-16 x 1-3/4 Gr. 5
212	145212	Nut Hex Flange Lock
263	17000612	Screw 3/8-16 x 3/4

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

TRACTOR - - MODEL NUMBER CO18H42STA

STEERING ASSEMBLY



steering_pl.lt_47

TRACTOR - - MODEL NUMBER CO18H42STA

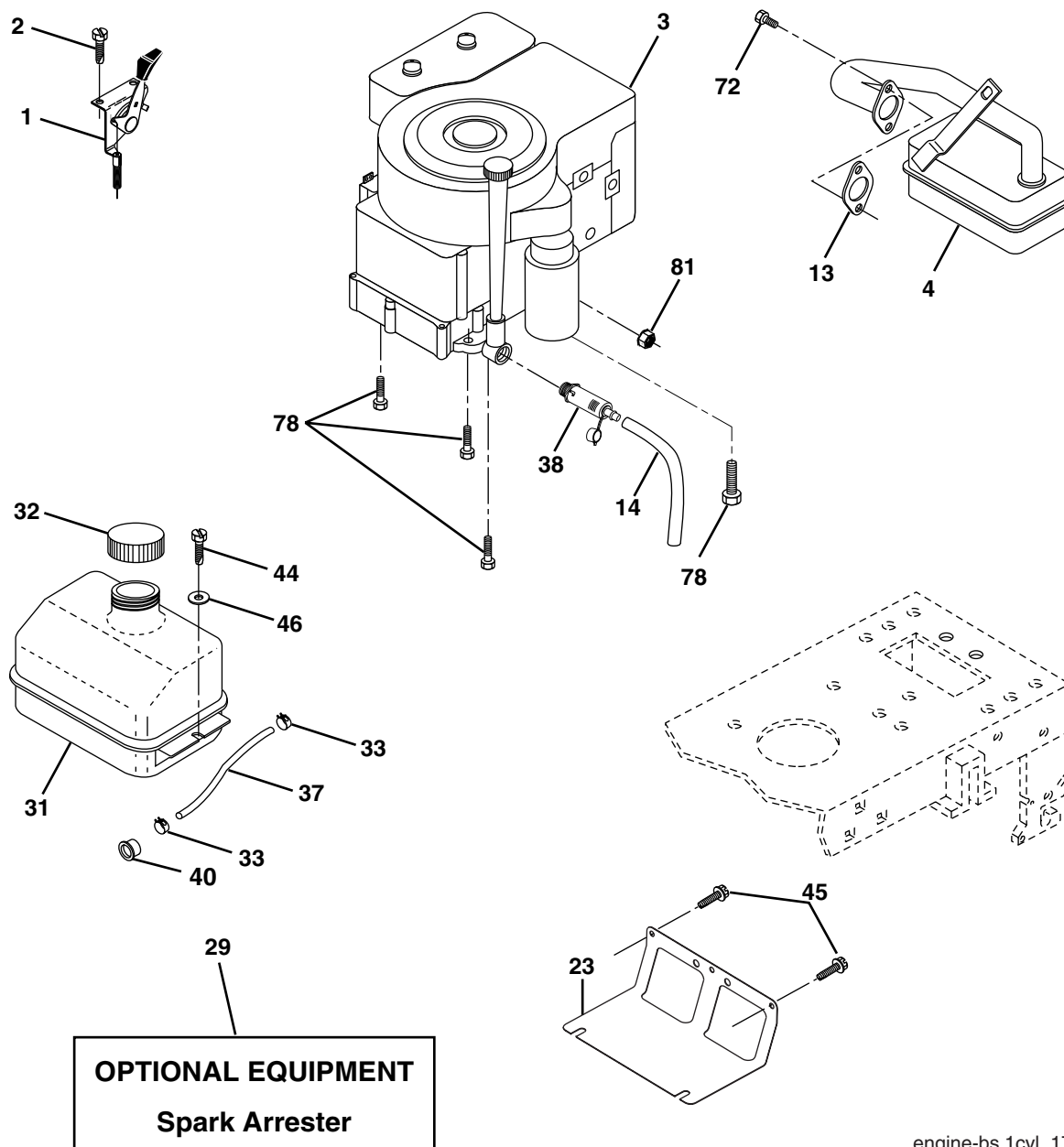
STEERING ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION
1	184704X428	Steering Wheel
2	184706	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 Ga.
8	12000029	Ring, Klip
10	175121	Draglink
11	10040600	Washer, Lock
12	73940800	Nut Hex Jam Toplock 1/2-20 Unf
13	136518	Spacer Bearing Axle Front
15	145212	Nut, Hex Flange Lock
17	180641	Shaft Assembly, Steering
26	126847X	Bushing, Link, Drag
28	19131416	Washer 13/32 x 7/8 x 16 Ga.
29	17000612	Screw 3/8-16 x 3/4
30	76020412	Pin Cotter
32	130465	Rod, Tie
36	155099	Bushing, Steering
37	152927	Screw
38	159946X428	Insert, Steering Wheel
39	19182411	Washer 9/16 x 1-1/2 11 Ga.
40	73540600	Nut Crownlock 3/8-24
41	159945	Adaptor, Steering Wheel
42	145054X428	Boot, Steering Shaft
43	121749X	Washer 25/32 x 1-1/4 x 16 Ga.
44	180640	Extension Shaft Steering
46	121232X	Cap, Spindle
51	73540400	Nut Crownlock 1/4-28
54	71130420	Bolt Hex 1/4-28 UNF x 1-1/4 Gr. 8
65	160367	Spacer Brace Axle
67	72110618	Bolt RDHD Sqnk 3/8-16 x 2-1/4
68	169827	Axle, Brace
71	175146	Steering Asm.
82	169835	Bracket Susp. Chassis Front
87	173966	Washer Flat
88	175118	Bolt Shoulder 7/16-20 Unc
91	175553	Clip Steering
95	188967	Washer Hardened

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

TRACTOR - - MODEL NUMBER CO18H42STA

ENGINE



OPTIONAL EQUIPMENT
Spark Arrester

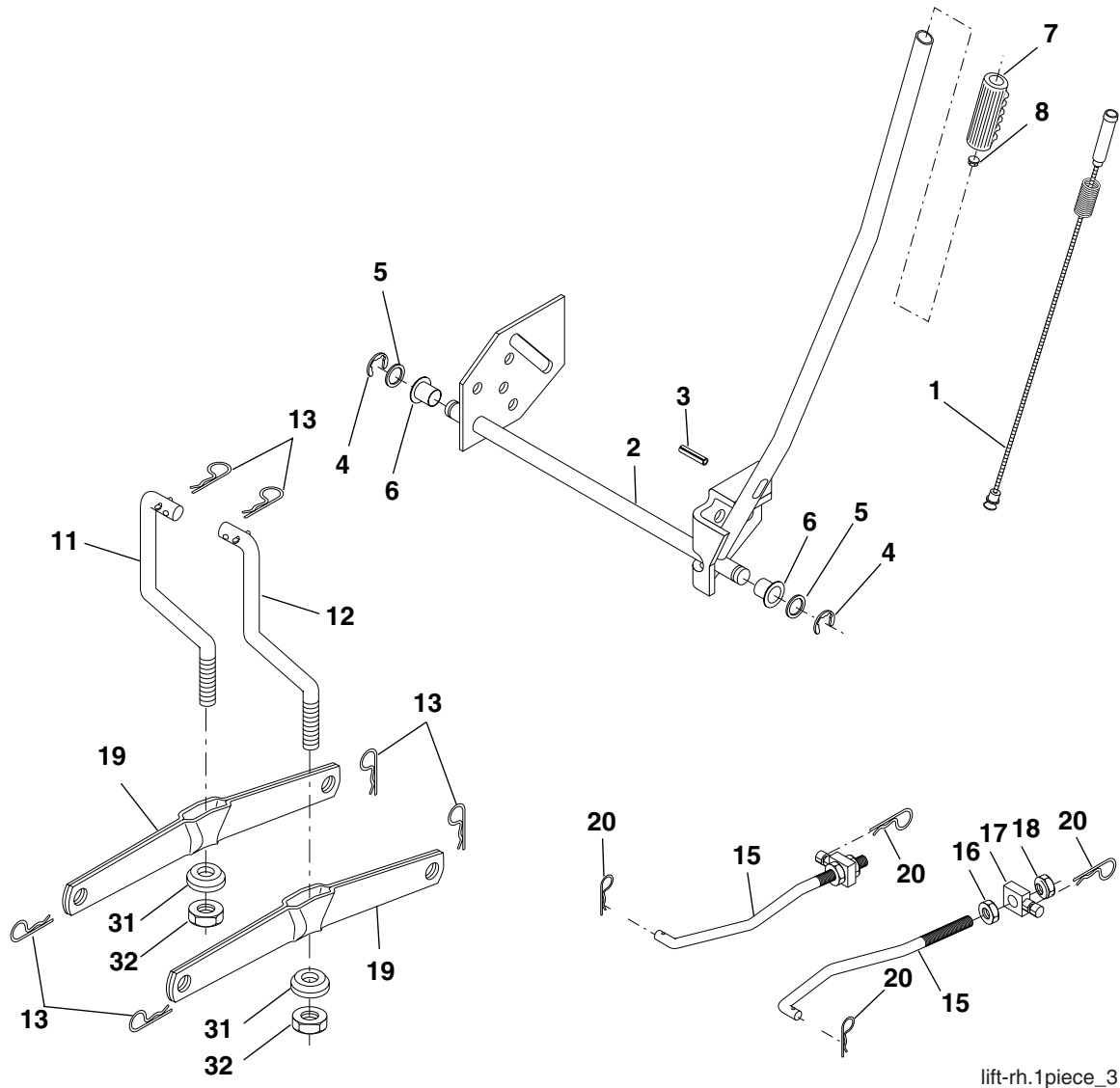
engine-bs.1cyl_17

KEY NO.	PART NO.	DESCRIPTION
1	170551	Control, Throttle
2	17720408	Screw, Hex Head, Thread Cutting 1/4-20 x 1/2
3	-----	Engine, (Order parts from engine manuf.) B&S Model 31H777
4	137352	Muffler
13	165291	Gasket
14	148456	Tube Drain Oil Easy
23	169837	Shield Brn/Dbr Guard
29	137180	Arrestor, Spark
31	184900	Tank, Fuel
32	140527	Cap Assembly, Fuel
33	123487X	Clamp, Hose
37	137040	Line, Fuel

KEY NO.	PART NO.	DESCRIPTION
38	181654	Plug Drain Oil Easy
40	124028X	Bushing, Snap, Fuel Line
44	17670412	Screw, Hex Washer Head, Thd., Roll. 1/4-20 x 3/4
45	17000612	Screw Hxwsh Thdr 3/8-16 x 3/4
46	19091416	Washer 9/32 x 7/8 x 16 Ga
72	183906	Screw Socket Head 5/16-18 x 1
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 CO18H42STA
LIFT ASSEMBLY



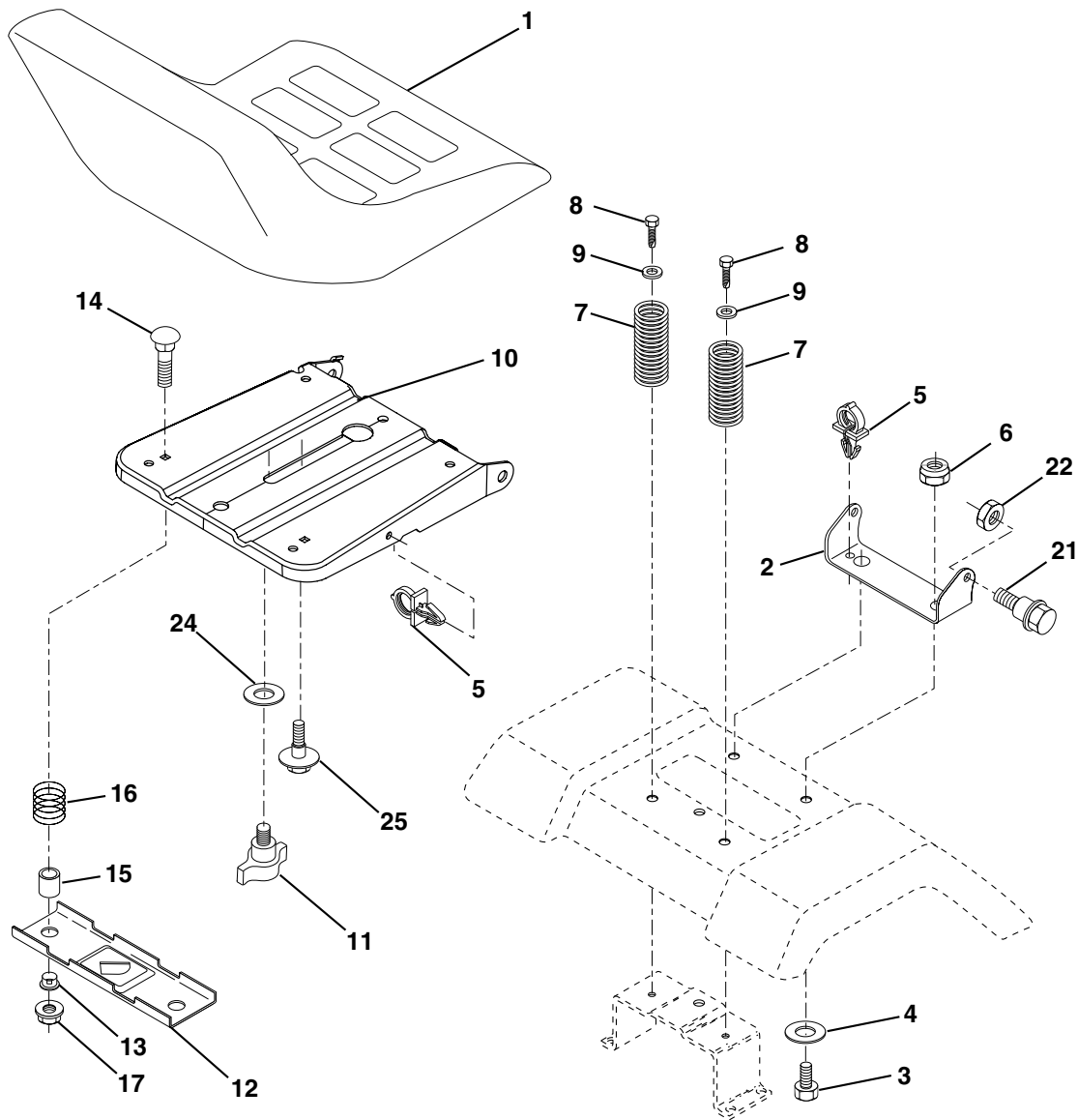
KEY NO.	PART NO.	DESCRIPTION
1	159461	Washer Asm Inner Spring W/Plunger
2	159476	Shaft Asm. Lift
3	188822	Pin Groove
4	12000002	E Ring #5133-62
5	19211621	Washer 21/32 x 1 x 21 Ga.
6	120183X	Bearing Nylon
7	125631X	Grip Handle Fluted
8	124526X	Button Plunger
11	139865	Link Asm Lift L.H.
12	139866	Link Asm Lift R.H.

KEY 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 Mower
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 CO18H42STA

SEAT ASSEMBLY



seat_ft.knob_13

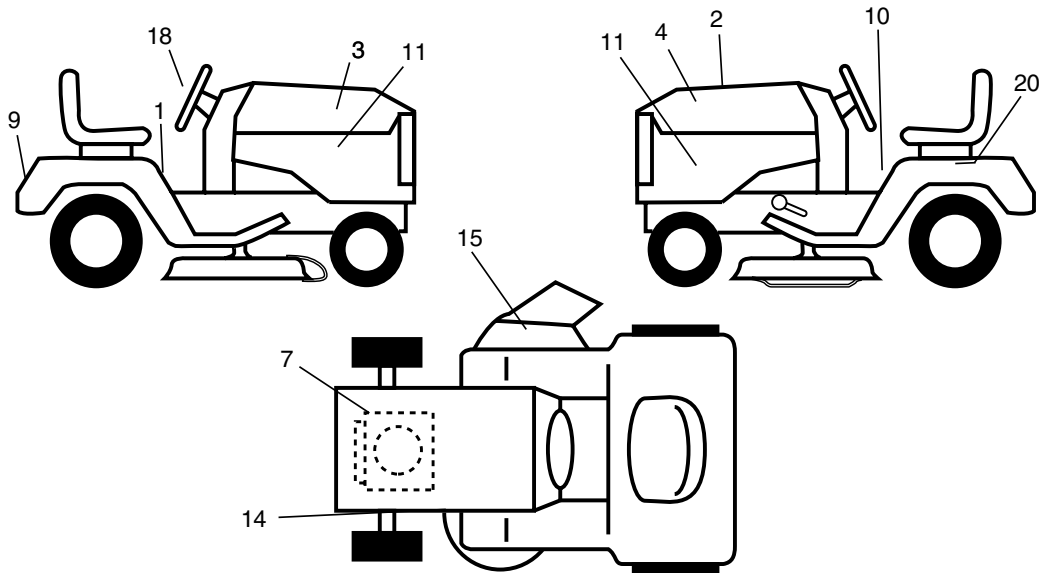
KEY PART NO.	NO.	DESCRIPTION
1	188720	Seat
2	140551	Bracket Pivot Seat
3	71110616	Bolt Fin Hex 3/8-16 Unc x 1
4	19131610	Washer 13/32 x 3/4 x 10 Ga
5	145006	Clip Push In Hinged
6	73800600	Nut Hex Lock w/Ins 3/8-16 Unc
7	124181X	Spring Seat Cprsn 2 250 Blk Zi
8	17000616	Screw 3/8-16 x 1
9	19131614	Washer 13/32 x 1 x 14 Ga
10	182493	Pan Seat
11	166369	Knob Seat Adj Wingnut
12	121246X	Bracket Pnt Mounting Switch

KEY PART NO.	NO.	DESCRIPTION
13	121248X	Bushing Snap Blk Nyl 50 Id
14	72050412	Bolt Rdhd Sht Nk 1/4-20 x 1-1/2
15	134300	Spacer Split 28 x 96 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-2A
22	73800500	Nut Hex Lock w/Ins 5/16-18
24	19171912	Washer 17/32 x 1-3/16 x 12 Ga.
25	127018X	Bolt Shoulder

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

TRACTOR - - MODEL NUMBER CO18H42STA

DECALS



KEY PART NO. NO.

DESCRIPTION

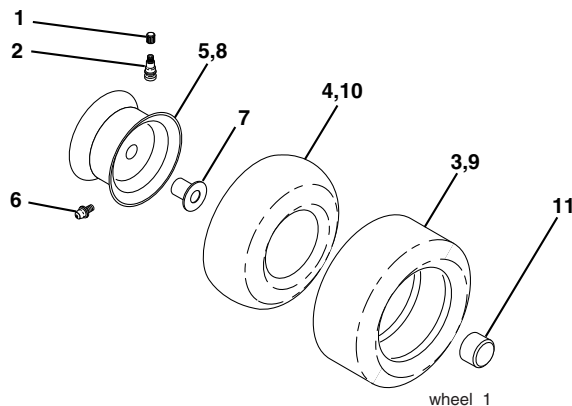
1	156811	Decal, Oper. Instr.
2	190746	Decal, Replacement
3	186163	Decal, Hood, R.H.
4	186164	Decal, Hood, L.H.
7	189508	Decal, HP Engine
9	172740	Decal, Fender
10	157141	Decal, Fender Danger
11	191649	Decal, Hood Side
13	183827	Decal, Dash Panel
14	160396	Decal, V-Belt Schematic
15	179128	Decal, Deck B 42"
18	172743	Decal, Steering

KEY PART NO. NO.

DESCRIPTION

20	140055	Decal, Battery Dngr/Psn Eng
--	166960	Decal, Bypass
--	138311	Decal, Lift Handle
--	184310X428	Pad Footrest LH STLT
--	184311X428	Pad Footrest RH STLT
--	191663	Owner's Manual, English
--	191664	Owner's Manual, Spanish

WHEELS & TIRES



KEY PART NO. NO.

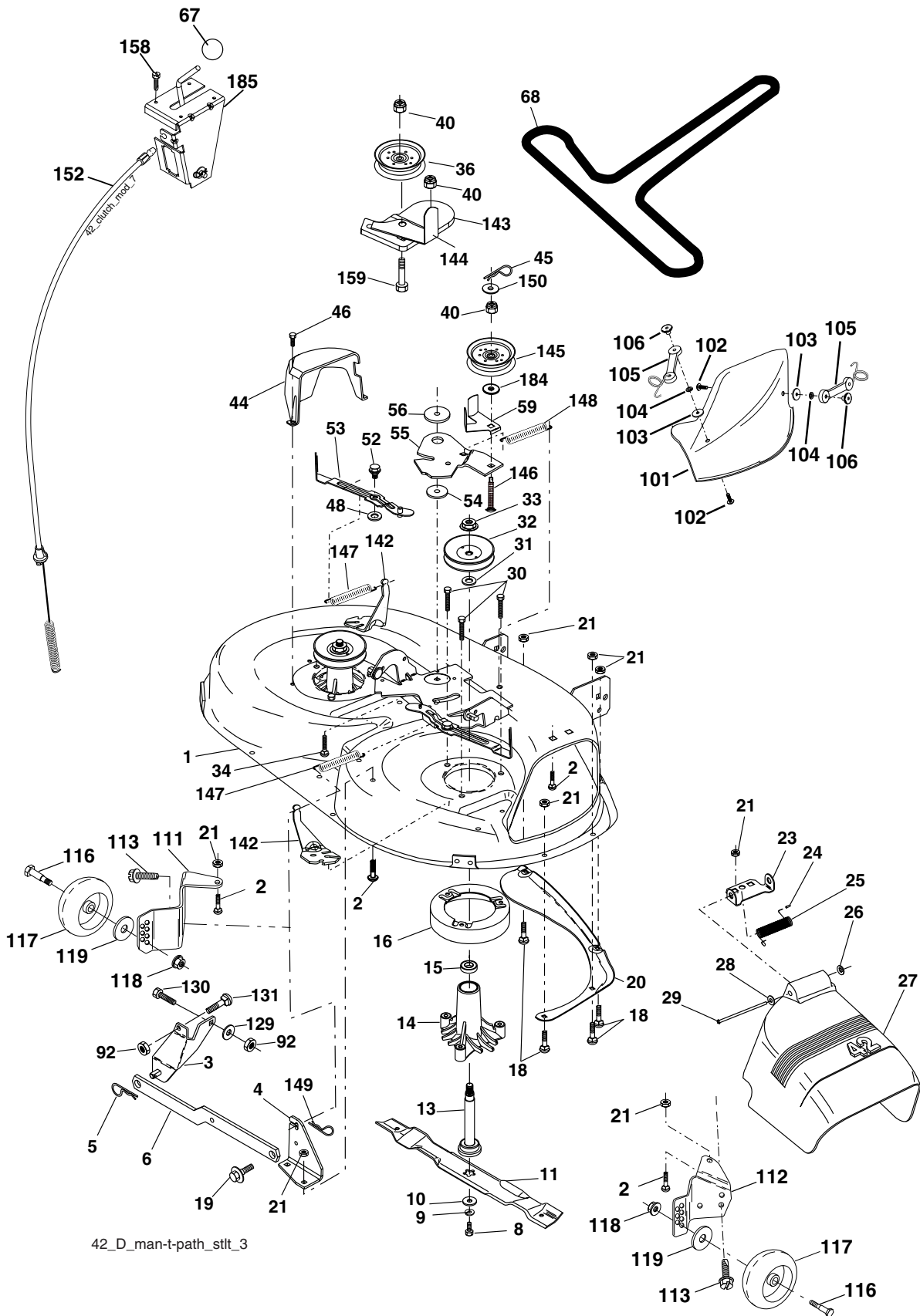
DESCRIPTION

1	59192	Cap Value Tire
2	65139	Stem Value
3	106222X	Tire F Ts 15 x 6 0 - 6 Service
4	59904	Tube Inner Front #35060
5	106732X421	Rim Asm 6" front Service
6	278H	Fitting Grease
7	9040H	Bearing Flange
8	106108X421	Rim Asm 8" rear Service
9	122082X	Tire R Ts 20 x 10-8 Service
10	7152J	Tube Rear 9 5 x 8 Service
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 CO18H42STA

MOWER DECK



42_D_man-t-path_stlt_3

TRACTOR - - MODEL NUMBER CO18H42STA

MOWER DECK

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	165892	Mower Deck Assembly, 42"	56	122052X	Spacer, Retainer
2	72140506	Bolt	59	173442	Guard, TUV Idler
3	138017	Bracket Assembly, Sway Bar, Front	67	171598	Knob
4	165460	Bracket Sway Bar 38/42" Deck	68	144959	V-Belt
5	4939M	Retainer Spring	92	73800600	Nut
6	178024	Bar Sway Deck	101	136420	Mulcher Cover
8	850857	Bolt, Hex 3/8-24 x 1.25 Gr. 8	102	71081010	Screw
9	10030600	Washer, Lock	103	19061216	Washer #10
10	140296	Washer, Hardened	104	10071000	Washer, Lock
		(The following blades are available)	105	160793	Latch Assembly, Bagger
11	134149	Blade, 42" Mulching Std	106	2029J	Nut, Weld
		(For mulching mowers only)	111	179292	Bracket Gauge Wheel Lh
- -	139775	Blade, 42" Mulching Premium	112	179293	Bracket Gauge Wheel Rh
		(For better wear when mulching)	113	17000510	Screw 5/16-18 Unc
- -	138971	Blade, 42" Hi-Lift	116	4898H	Bolt Shoulder
		(For bagging or discharging)	117	165746	Wheel Gauge Std
13	137645	Shaft Assembly, Mandrel, Vented	118	73930600	Nut Centerlock 3/8-16 Unc
14	128774	Housing, Mandrel, Vented	119	19121414	Washer 3/8 x 7/8 x 4 Ga.
15	110485X	Bearing, Ball, Mandrel	129	19131312	Washer 13/32 x 13/16 x 12 Ga.
16	174493	Stripper, Vented Mower Deck	130	74780616	Bolt, Fin Hex 3/8-16 Unc x 1 Gr. 5
18	72140505	Bolt, Carriage 5/16-18 x 5/8	131	72140608	Bolt, Rdhd Sqnk 3/8-16 Unc x1
19	132827	Bolt, Shoulder	142	165890	Arm Spring Brake Mower
20	159770	Baffle, Vortex	143	157109	Bracket Arm Idler 42"
21	73680500	Nut Crownlock 5/16-18 Unc	144	173441	Keeper Belt 42" Clutch Cable
23	177563	Bracket, Deflector	145	173437	Pulley Idler Flat
24	105304X	Cap, Sleeve	146	173443	Bolt Carriage Idler
25	123713X	Spring, Torsion, Deflector	147	131335	Spring Extension
26	110452X	Nut, Push	148	169022	Spring Return Idler
27	130968X428	Shield, Deflector	149	165898	Retainer Spring Yellow Zinc
28	19111016	Washer 11/32 x 5/8 x 16 Ga.	150	19091210	Washer 9/32 x 3/4 x 10 Ga.
29	131491	Rod, Hinge	152	169676	Cable Clutch 42 In
30	173984	Screw Thdrol Washer Head	158	17720408	Screw Hex Thd Cut 1/4-20 x 1/2
31	187690	Washer, Spacer	159	72140614	Bolt Rdhd Sqn 3/8-16 Unc x 3/4
32	173436	Pulley, Mandrel	184	19131410	Washer 13/32 x 7/8 x 10 Ga.
33	178342	Nut, Toplock, Flanged	185	188234	Head Asm. Cable Clutch
34	72110612	Bolt Carr. Sh 3/8-16 x 1-1/2 Gr. 5	- -	130794	Mandrel Assembly (Includes Housing, Shaft and Shaft Hardware Only - Pulley Not Included)
36	173438	Pulley, Idler, Flat			
40	73900600	Nut Crownlock 3/8-16 Unc	- -	169583	Replacement Mower, Complete (Std. Deck-Order separately mulcher cover and gauge wheel components key nos. 101 - 106 and 116 - 119)
44	140088	Guard, Mandrel, L.H.			
45	4497H	Retainer			
46	137729	Screw, Thd. Roll 1/4-20 x 5/8			
48	133944	Washer, Hardened			
52	139888	Bolt, Shoulder 5/16-18 Unc			
53	184907	Arm Assembly, Pad, Brake			
54	178515	Washer, Hardened			
55	155046	Arm, Idler			

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