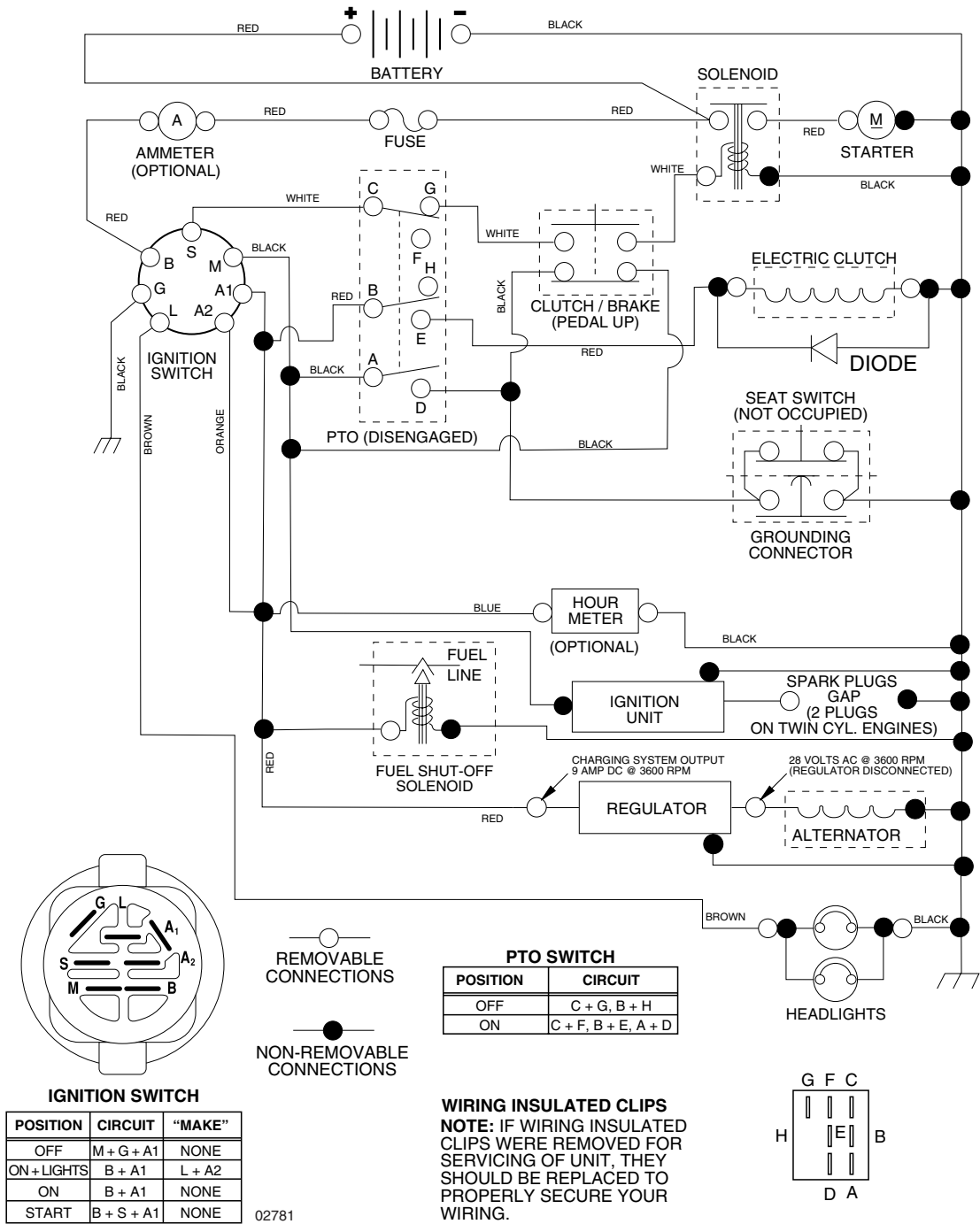


# TRACTOR - - MODEL NUMBER CO185H42STA

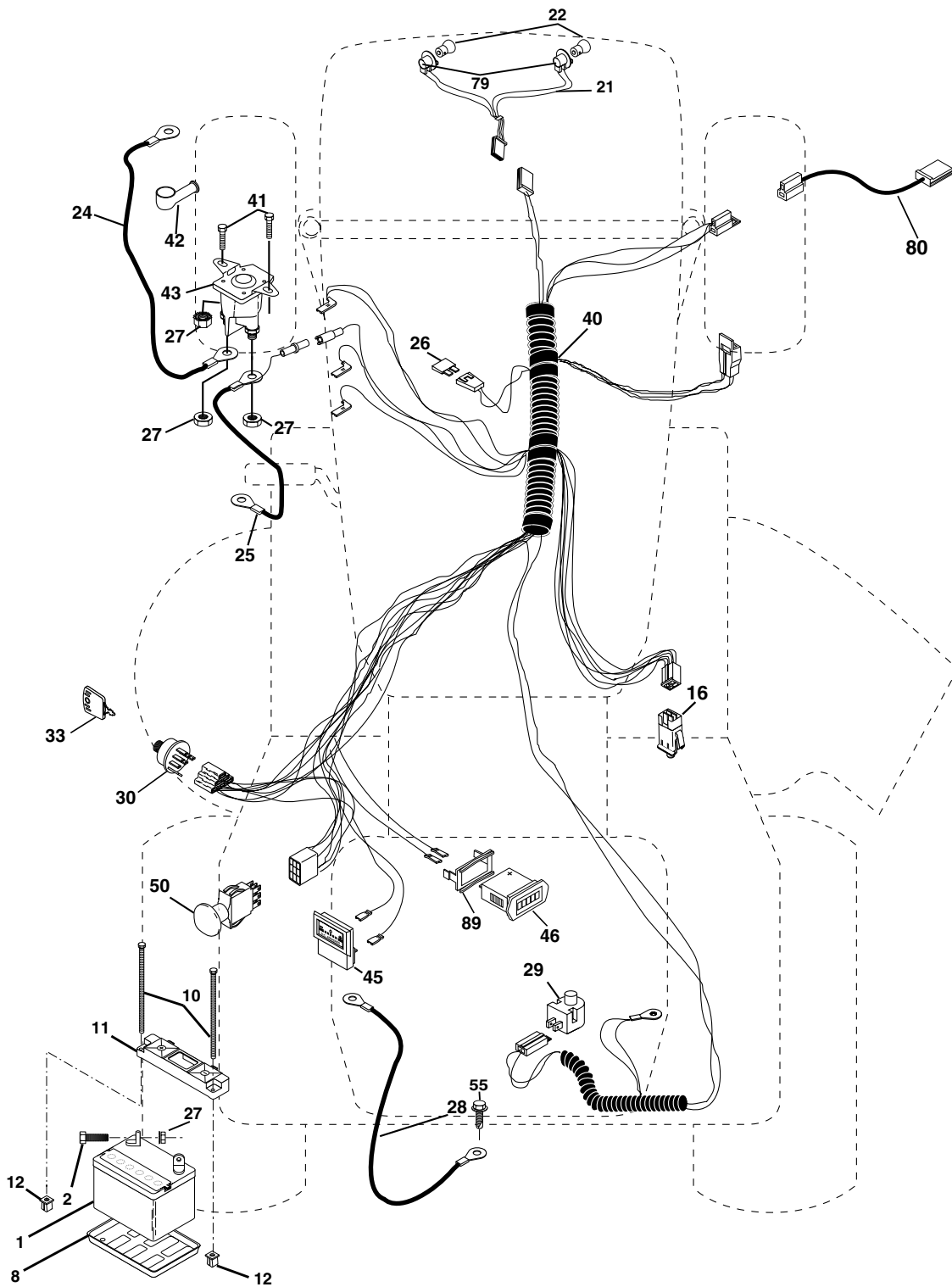
## SCHEMATIC



# REPAIR PARTS

## TRACTOR - - MODEL NUMBER CO185H42STA

### ELECTRICAL

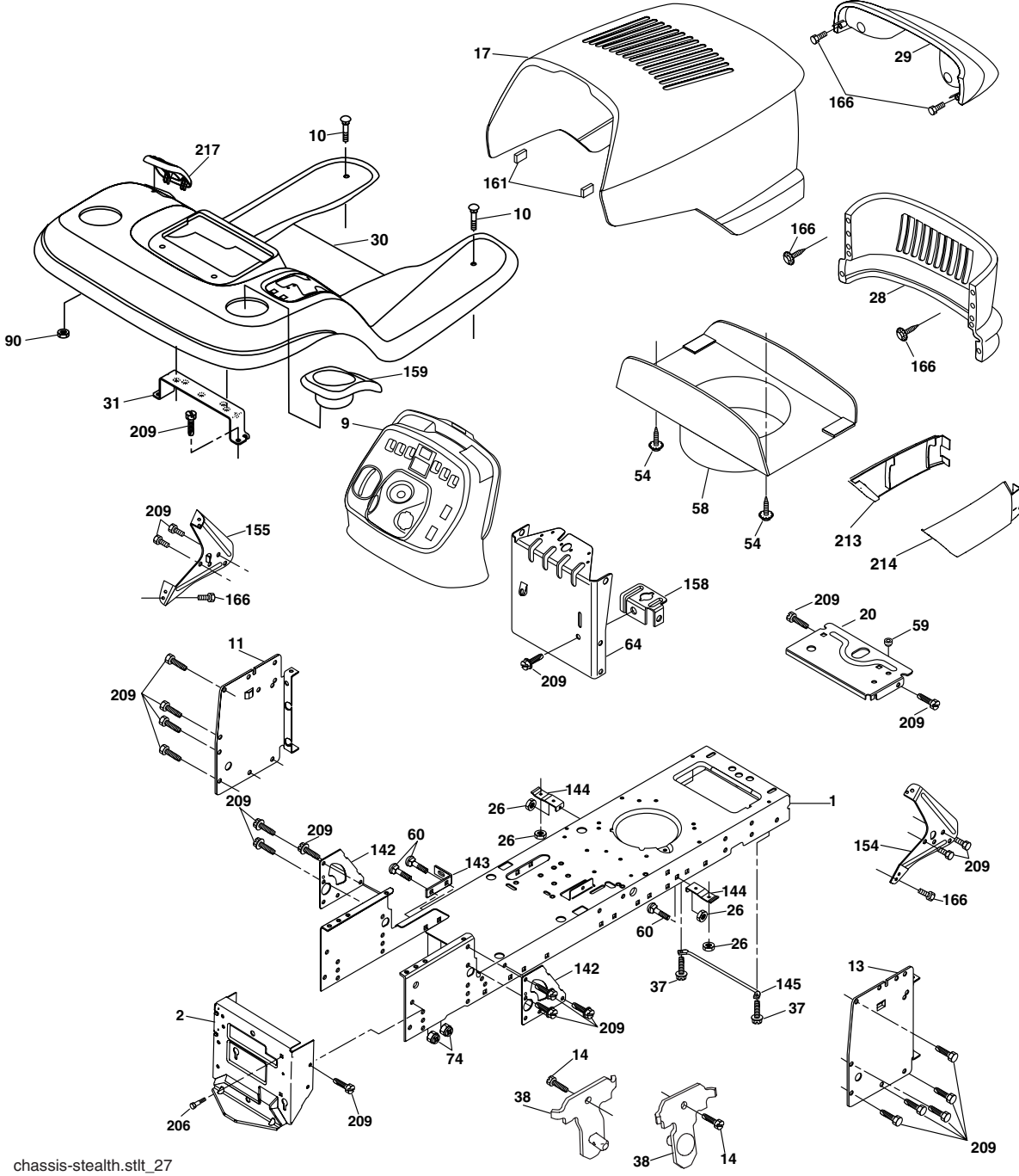


**ELECTRICAL**                      **TRACTOR - - MODEL NUMBER CO185H42STA**

<b>KEY NO.</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>
1	163465	Battery
2	74760412	Bolt, Hex 1/4-20 x 3/4
8	7603J	Tray, Battery
10	145211	Bolt, Btr Front 1/4-20 x 7-1/2
11	150109	Holddown Battery Front Mount
12	145769	Nut, Push Nylon Battery Front 1/4
16	176138	Switch Interlock
21	175688	Harness, Light
22	4152J	Light Bulb
24	8860R	Cable, Starter
25	146148	Cable, Battery
26	175158	Fuse
27	73510400	Nut Keps Hex 1/4-20 Unc
28	145491	Cable, Ground
29	121305X	Switch, Seat
30	175566	Switch, Ignition
33	140401	Key, Molded
40	188031	Harness, Ignition
41	17720408	Screw Thd Cut 1/4-20 x 1/2
42	131563	Cover, Terminal
43	178861	Solenoid
45	122822X	Ammeter
46	169635	Hourmeter
50	174653	Switch, PTO
55	17490508	Screw Thdrol 5/16-18 x 1/2
79	175242	Socket Asm bulb Twistlock
80	146685	Harness Clutch EVX
89	169639	Bracket Snap-In

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

**TRACTOR - - MODEL NUMBER CO185H42STA**  
**CHASSIS AND ENCLOSURES**



chassis-stealth.sttt\_27

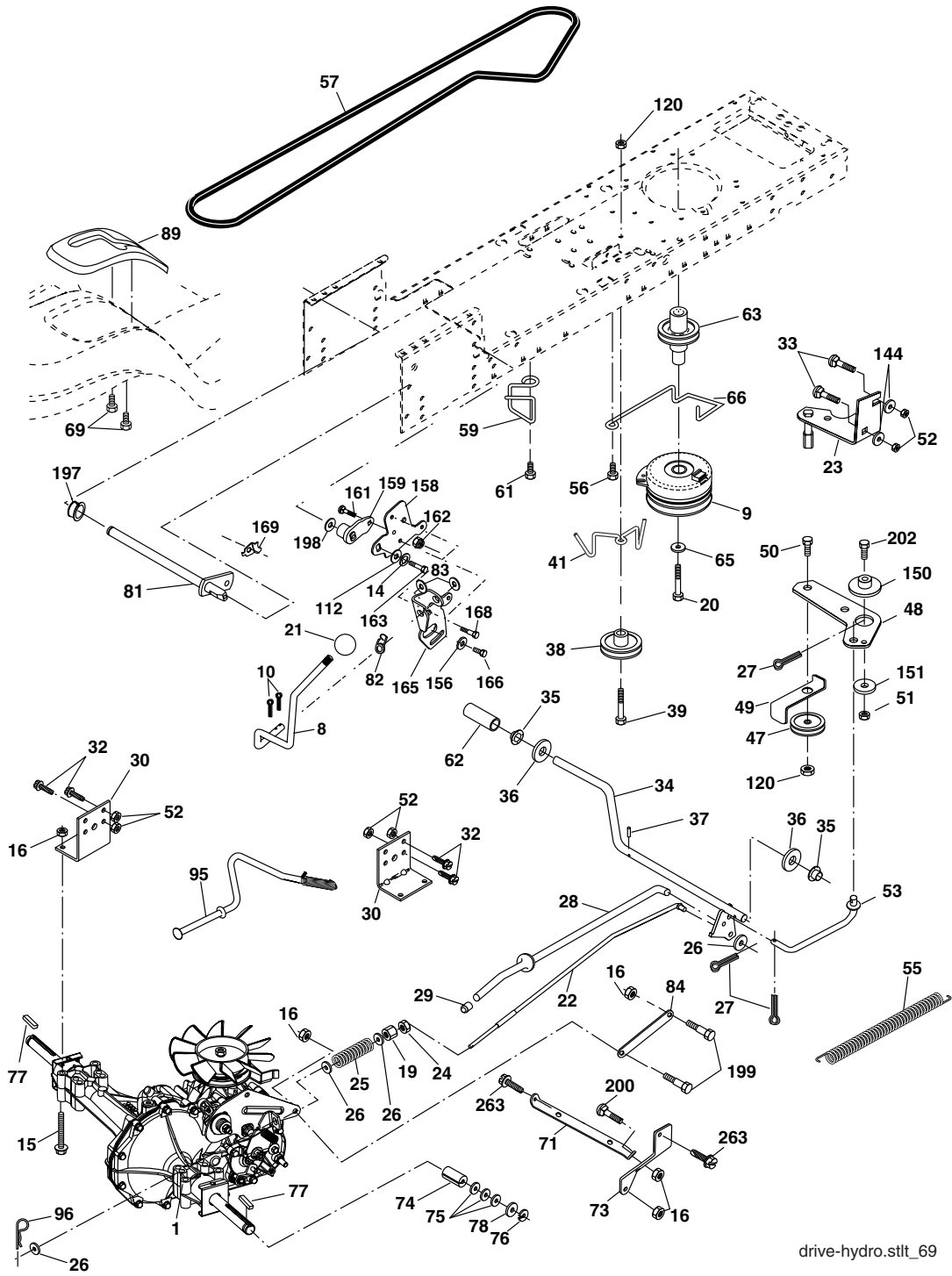
**TRACTOR - - MODEL NUMBER CO185H42STA  
CHASSIS AND ENCLOSURES**

<b>KEY NO.</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>
1	174619	Chassis
2	176554	Drawbar
9	161566X428	Dash
10	72140608	Bolt RDHD SQNK 3/8-16 x 1
11	167203	Panel, Dash, LH
13	188702X010	Panel, Dash, RH
14	17490608	Screw Thdrol 3/8-16 x 1/2
17	175260X428	Hood Assembly
20	162026	Plate Battery
26	73800600	Locknut, Hex, with Insert 3/8-16 unc
28	175289X428	Grille
29	161840	Lens, Bar
30	188572X428	Fender/Footrest
31	139976	Bracket, Fender/Support
37	17490508	Screw, Thdrol. 5/16-18 x 1/2 TYT
38	175710	Bracket Asm Pivot Mower Rear
54	161464	Screw Hex Wshd 8-18 x 7/8
58	175351	Duct Hood
59	187495	Bushing 1.375 OD
60	72140606	Bolt Rdhd Sqnk 3/8-16 unc x 3/4
64	174997	Dash Lower
74	73680600	Nut Crownlock 3/8-16 unc
90	124346X	Nut Self Thrd Wshd 1/4 Zinc
142	175702	Plate Reinforcement
143	186689	Bracket Swaybar Chassis
144	175582	Bracket Footrest
145	156524	Rod Pivot Chassis/Hood
154	161897	Bracket Dash Rh
155	161900	Bracket Dash Lh
158	162037	Parking Brake Bkrt
159	179950X428	Cupholder
161	164655	Bumper Extrusion .600 x 3.50
166	191611	Screw 10 x 3/4 Single Lead-Hex
206	170165	Bolt Shoulder 5/16-18
209	17000612	Screw Hexwsh Thdr 3/8-16 x 3/4
213	169848X428	Skirt Grille LH
214	169847X428	Skirt Grille RH
217	179132X428	Console Fuel Window

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

# TRACTOR - - MODEL NUMBER CO185H42STA

## GROUND DRIVE



drive-hydro.sttt\_69

**TRACTOR - - MODEL NUMBER CO185H42STA**  
**GROUND DRIVE**

<b>KEY NO.</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>KEY NO.</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>
1	---	Transaxle, HydroGear, Model Number 314-0510 (Order parts from transaxle manufacturer)	62	123533X	Cover, Pedal
8	165866	Rod Shift Fend.	63	175414	Pulley, Engine
9	160889	Clutch Electric	65	10040700	Washer
10	76020416	Pin Cotter 1/8 x 1	66	154778	Keeper Belt Engine
14	10040400	Washer Lock Hvy 1/4	69	142432	Screw Hex Wsh H-Lo 1/4-1/2 unc
15	74490544	Bolt Hex Flghd 5/16-18 Gr. 5	71	169183	Strap Torque LH
16	73800500	Nut Lock Hex W/Ins. 5/16-18 unc	73	169182	Strap Torque RH
17	126197X	Washer 1-1/2 x 15/32 x .250	74	137057	Spacer, Axle
19	73800600	Nut Lock Hex W/Wsh 3/8-16 unc	75	121749X	Washer 25/32 x 1-1/4 x 16 Ga.
20	150280	Bolt Hex 7/16-20 x 4-1/4 5 Ga. 1.38	76	12000001	E-Ring
21	106933X	Knob	77	123583X	Key, Square
22	169498	Rod, Brake	78	121748X	Washer 25/32 x 1-5/8 x 16 Ga.
23	171258	Bracket Asm Anti-Rotation	81	165596	Shaft Assy. Cross Taper
24	73350600	Nut, Hex Jam 3/8-16 unc	82	165711	Spring Torsion
25	106888X	Spring, Brake Rod	83	19171216	Washer 17/32 x 3/4 x 16 Ga.
26	19131316	Washer	84	169594	Link Transaxle
27	76020412	Pin Cotter 1/8 x 3/4 CAD.	89	188309X428	Console, Shift
28	175765	Rod, Parking Brake	95	170201	Rod Bypass
29	71673	Knob Brake Parking	96	4497H	Retainer Spring 1" Zinc/Cad
30	169592	Bracket, Transaxle	112	19091210	Washer 9/32 x 3/4 x 10 Ga.
32	74760512	Bolt Hex Hd 5/16-18 unc x 3/4	120	73900600	Nut Lock Flg 3/8-16 unc
33	72140506	bolt Rdhd Sqnk 5/16-18 unc x 3/4	144	19111016	Washer 11/32 x 5/8 x 16 Ga.
34	175578	Shaft, Foot Pedal	150	175456	Spacer Retainer
35	120183X	Bearing, Nylon	151	19133210	Washer 13/32 x 2 x 10 Ga.
36	19211616	Washer	156	166002	Washer 5/16 ID x 1.0 x .125
37	1572H	Pin, Roll	158	165589	Bracket Shift Mount
38	179114	Pulley, Composite	159	183900	Hub Shift
39	72110622	Bolt Rdhd 3/8-16 unc x 2-3/4 Gr. 5	161	72140406	Bolt Rdhd Sqnk 1/4-20 x 3/4 Gr. 5
41	175556	Keeper, Belt Idler Flat	162	73680400	Nut Crownlock 1/4-20 unc
47	127783	Pulley, Idler, V-Groove	163	74780416	Bolt Hex Fin 1/4-20 unc x 1 Gr. 5
48	154407	Bellcrank Clutch Grnd Drw Stl	165	165623	Bracket Pivot Lever
49	123205X	Retainer, Belt	166	17490510	Screw 5/16-18 x 5/8
50	72110612	Bolt	168	165492	Bolt Shoulder 5/16-18 x .561
51	73680600	Nut Crownlock 3/8-16 unc	169	165580	Plate Fastener Cross Shf.
52	73680500	Nut, Crownlock 5/16-18 unc	197	169613	Nyliner Snap-in 5/8 ID
53	105710X	Link, Clutch	198	169593	Washer Nyl 7/8 ID x .105"
55	105709X	Spring, Return, Clutch	199	169612	Bolt Shoulder 5/16-18 unc
56	17060620	Screw 3/8-16 x 1-1/4	200	72140508	Bolt Rdhd Sqnk 5/16-18 unc x 1
57	140294	V-Belt, Ground Drive	202	72110614	Bolt Carr Sh 3/8-16 x 1-3/4 Gr. 5
59	169691	Keeper, Center Span	254	17000616	Screw 3/8-16 x 1
61	17120614	Screw 3/8-16 x .875	263	17000612	Screw 3/8-16 x .75

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





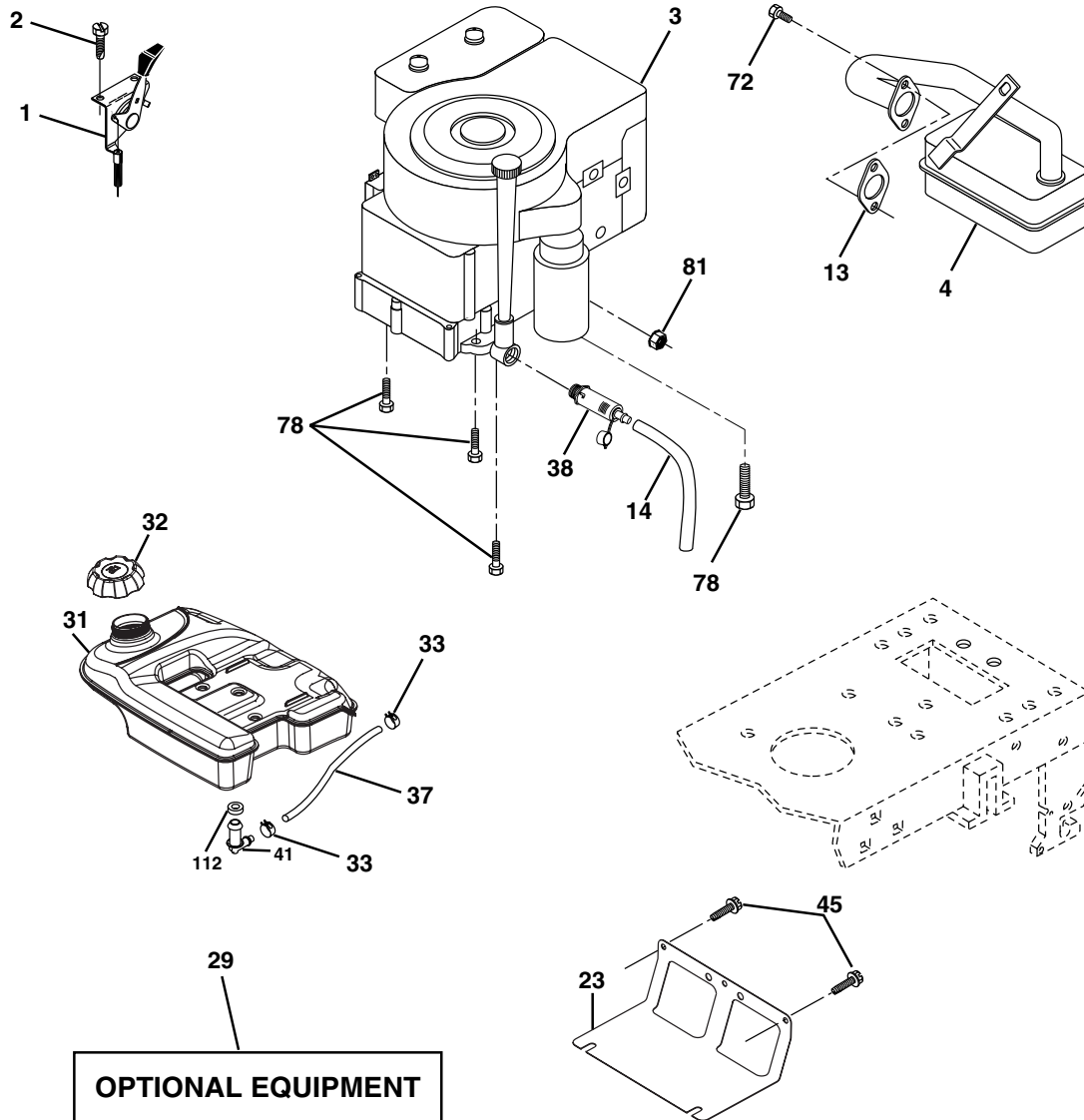
**TRACTOR - - MODEL NUMBER CO185H42STA  
STEERING ASSEMBLY**

<b>KEY NO.</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>
1	159944X428	Wheel Steering
2	184706	Axle Asm
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 16 Ga.
8	12000029	Ring Klip #t5304-75
10	175121	Link Drag
11	10040600	Washer Lock Hvy Hlcl Spr 3/8
12	73940800	Nut Hex Jam Toplock 1/2-20 unf
13	136518	Spacer Bearing Axle Front
15	145212	Nut Hex Flange Lock
17	177883	Shaft Asm. Steering
29	17000612	Screw 3/8-16 x 3/4
32	171888	Rod Tie
33	19111216	Washer 11/32 x 3/4 x 16 Ga.
34	10040500	Washer Lock Hlcl Spr 5/16
35	73540500	Crownlock Nut 5/16-24 unf
36	155105	Bushing Strg
37	152927	Screw
38	159946X428	Insert Cap Strg Wh
39	19182411	Washer 9/16 ID x 1-1/2 OD 11Ga.
40	73540600	Nut Crownlock 3/8-24
41	159945	Adaptor Wheel Strg
42	163888X428	Boot Steering
43	121749X	Washer 25/32 1 1/4 x 16 Ga.
46	184946X505	Cap Spindle
65	160367	Spacer Brace Axle
67	72110618	Bolt, Rdhd Sq 3/8-16 unc x 2-1/4
68	169827	Axle, Brace
71	175146	Steering Asm.
73	160135X428	Extension Steering Stealth
82	169835	Bracket Susp. Chassis Front
87	173966	Washer Flat .781 x 1-1/2 x .15
88	175118	Bolt Shoulder 7/16-20 unc
91	175553	Clip Steering
95	188967	Washer Harden .793 x 1.637 x .060

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

# TRACTOR - - MODEL NUMBER CO185H42STA

## ENGINE



**OPTIONAL EQUIPMENT**  
**Spark Arrester**

engine-bs.1cyl\_51

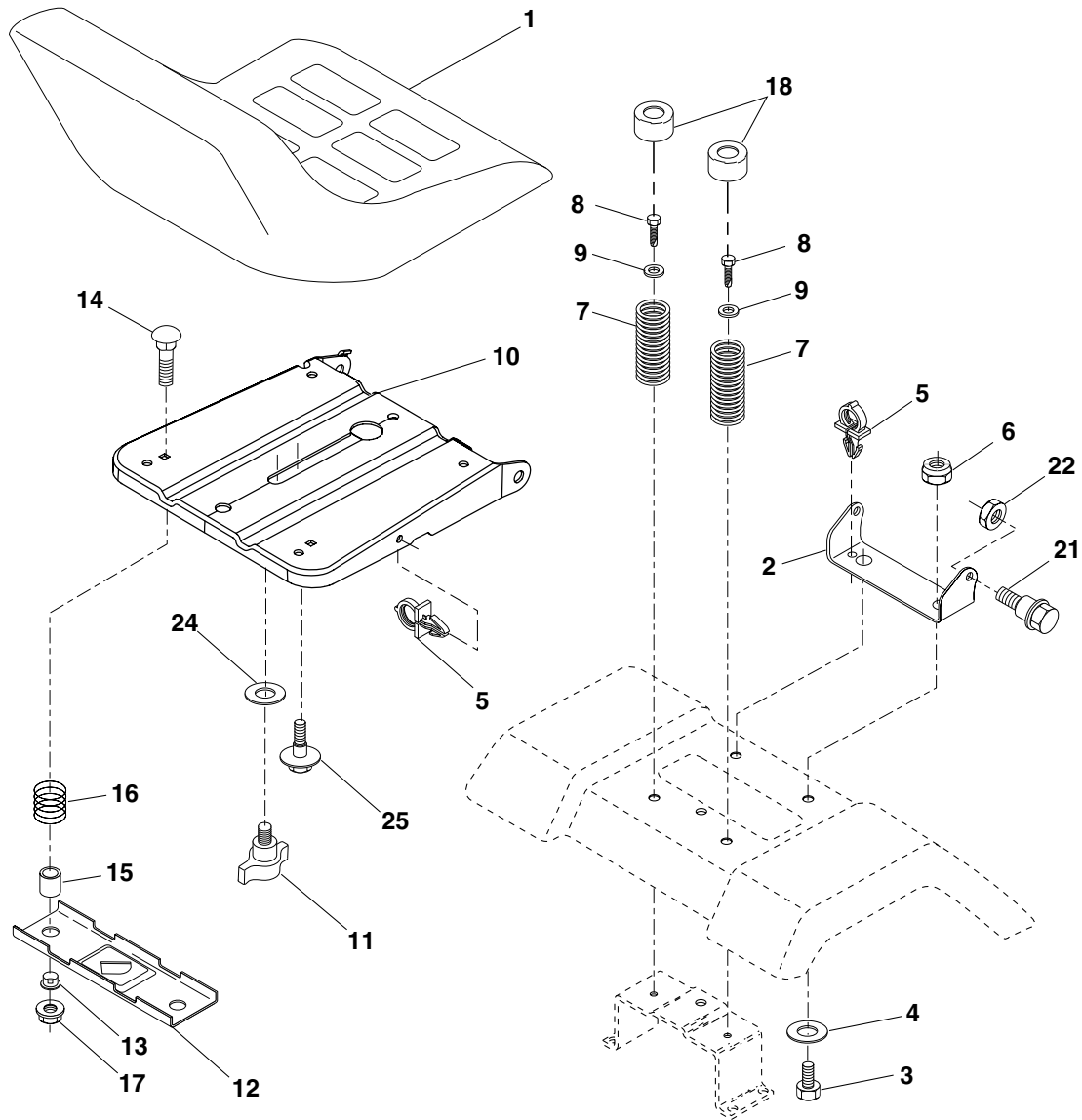
KEY PART NO.	PART NO.	DESCRIPTION
1	176636X428	Control Throttle
2	171875	Screw Hwhd Hi-Lo #13-16 x 3/4
3	-----	Engine, Briggs Model 31P777 (Order parts for Engine Manufacturer)
4	137352	Muffler Asm Twin Lo-Tone
13	165291	Muffler Gasket
14	148456	Tube Drain oil
23	169837	Shield Heat
29	137180	Kit Spark Arrestor (Flat Scrn)
31	179022	Tank Fuel
32	179124X428	Cap Asm Fuel
33	123487X	Clamp Hose Black
37	8543R	Line Fuel
38	181654	Plug Drain Oil Easy

KEY PART NO.	PART NO.	DESCRIPTION
41	139277	Stem Tank Fuel
45	17000612	Screw Hexwsh Thdr 3/8-16 x 3/4
72	183906	Screw 5/16-18 x 1
78	17060620	Screw 3/8-16 x 1-1/4
81	73510400	Nut Keps Hex 1/4-20 unc
112	3645J	Bushing

NOTE: All component dimensions given in U.S. inches  
1 inch = 25.4 mm  
For engine service and replacement parts, call the toll free number for your engine manufacturer listed below:  
Briggs & Stratton 1-800-233-3723  
Kohler Co. 1-800-544-2444  
Tecumseh Products 1-800-558-5402  
Honda Engines 1-800-426-7701  
Kawasaki 1-800-460-5688

# TRACTOR - - MODEL NUMBER CO185H42STA

## SEAT ASSEMBLY



seat\_lt.knob\_2

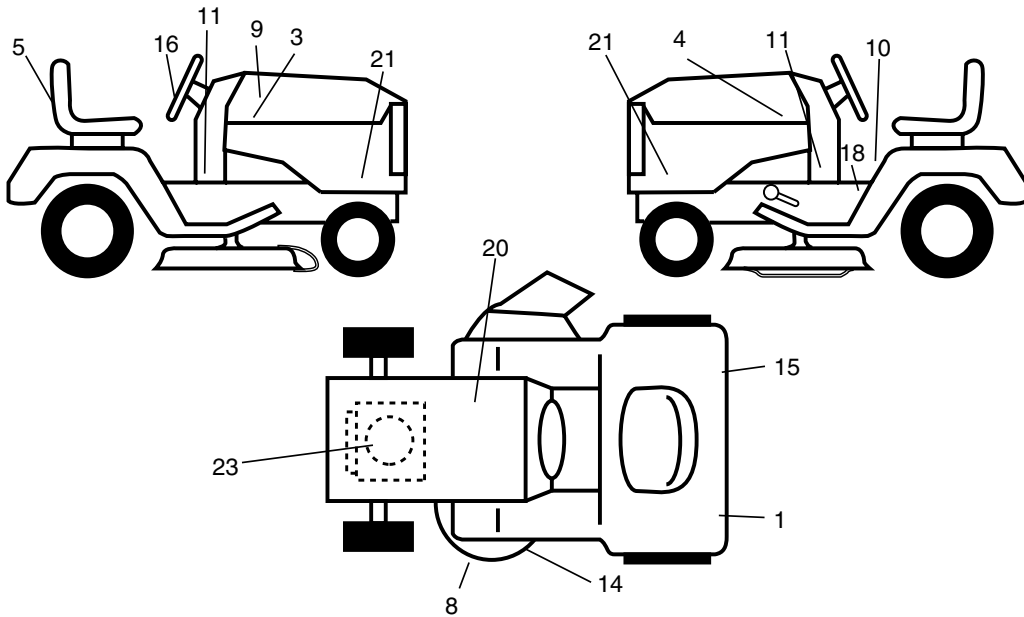
KEY PART NO.	PART NO.	DESCRIPTION
1	189022	Seat
2	140551	Bracket Pivot Seat
3	71110616	Bolt Fin Hex 3/8-16 unc x 1
4	19131610	Washer 13/32 x 1 x 10 Ga
5	145006	Clip Push-In
6	73800600	Nut Hex w/Ins. 3/8-16 unc
7	124181X	Spring Seat Cprsn
8	17000616	Screw 3/8-16 x 1-1/2
9	19131614	Washer 13/32 x 1 x 14 Ga.
10	182493	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 Sqnk 1/4-20 x 1-1/2
15	121249X	Spacer Split 28x .88 Zinc
16	123740X	Spring Cprsn Plate 1.310 Ga
17	123976X	Nut Lock 1/4 Lge Flg Gr. 5 Zinc
18	124238X	Cap Spring Seat
21	171852	Bolt Shoulder 5/16-18 unc
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 5/16-18 x 62

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

# TRACTOR -- MODEL NUMBER CO185H42STA

## DECALS



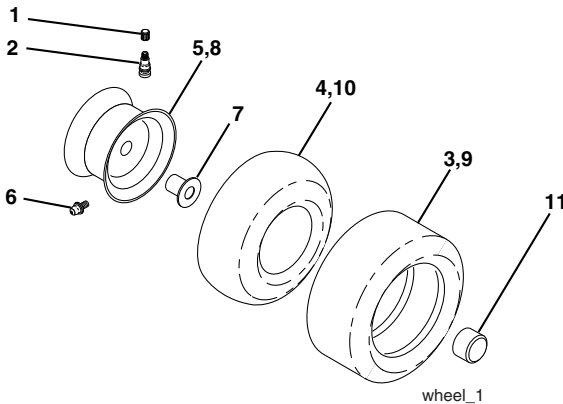
### KEY PART NO. NO.

KEY PART NO.	NO.	DESCRIPTION
1	187407	Reflector, LH
3	176272	Decal, Hood RH
4	176273	Decal, Hood LH
5	172740	Decal, Fender
8	179128	Decal, Deck, Caution
9	189342	Decal, Replacement Hood
10	157141	Decal, Fender, Danger
11	191648	Decal, Panel, Dash
14	160396	Decal, V-Belt, Schematic
15	187408	Decal, Reflector, RH

### KEY PART NO. NO.

KEY PART NO.	NO.	DESCRIPTION
16	172743	Decal, Steering Wheel
18	156811	Decal, Fender Opr.
20	145004	Decal, Battery
21	189289	Decal, Hood, Side Panel
23	189288	Decal, Engine
--	184310X428	Pad, Footrest, ST/LT, LH
--	184311X428	Pad, Footrest, ST/LT, RH
--	166960	Decal By-Pass
--	191641	Manual, Owner's, English
--	191642	Manual, Owner's, Spanish

## WHEELS & TIRES



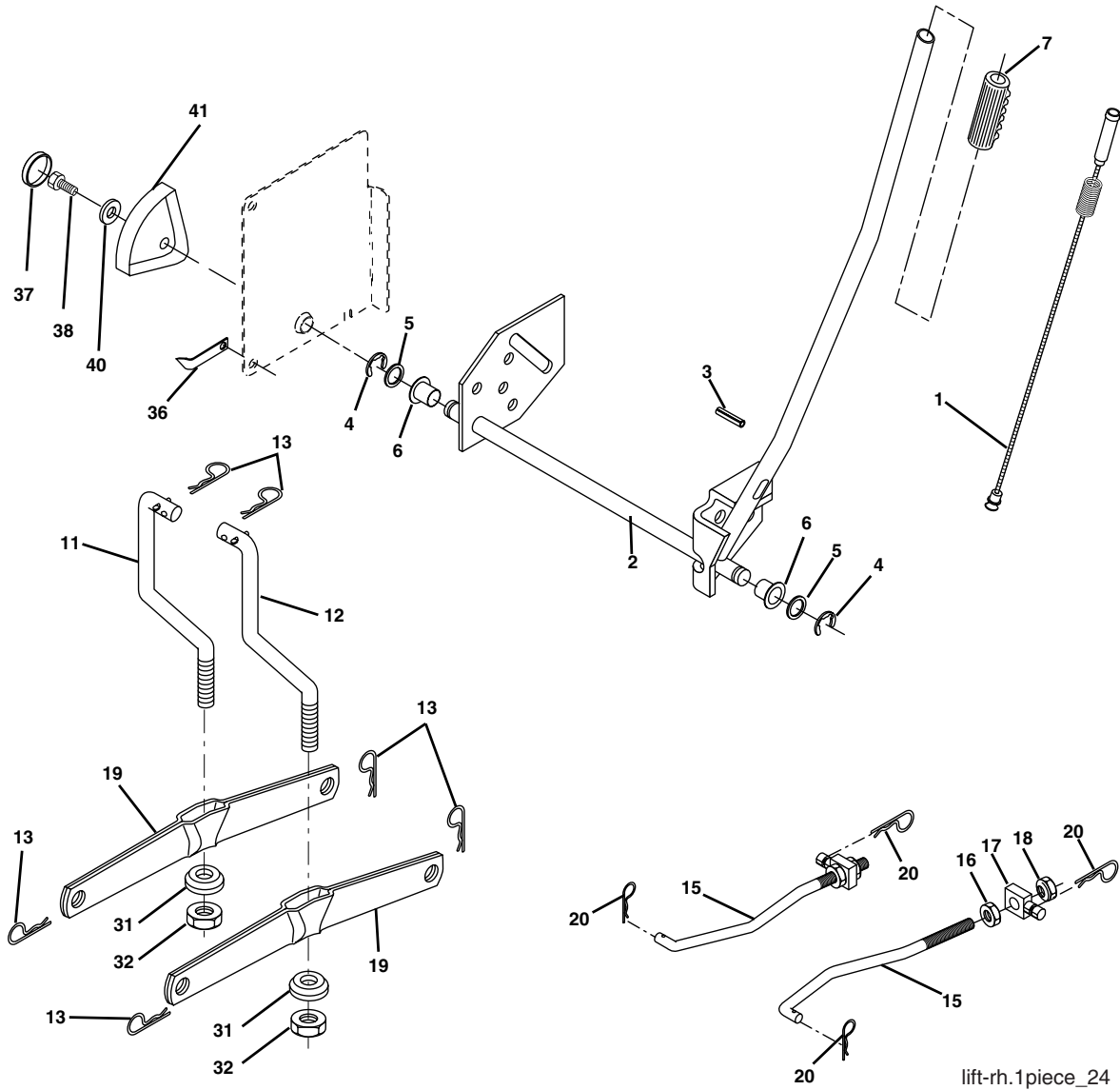
### KEY PART NO. NO.

KEY PART NO.	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	106732X421	Rim Asm 6"front Service
6	278H	Fitting Grease (Front Wheel Only)
7	9040H	Bearing Flange (Front Wheel Only)
8	106108X421	Rim Asm 8"rear Service
9	122082X	Tire R Ts 20 x 10-8 C Service
10	7152J	Tube Rear (Service Item Only)
11	104757X421	Cap Axle 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 CO185H42STA

## LIFT ASSEMBLY



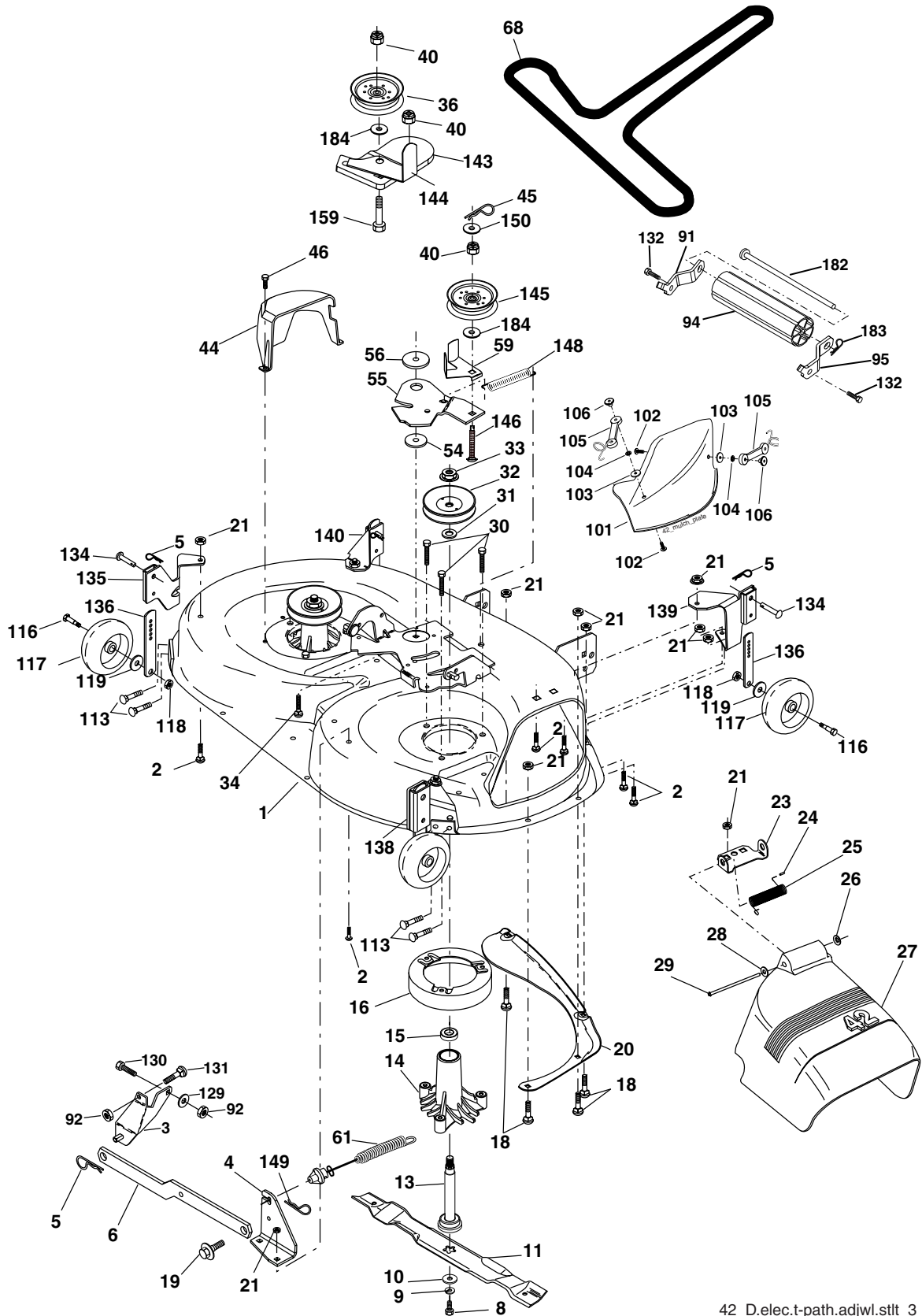
KEY PART NO.	NO.	DESCRIPTION
1	179504	Plunger Assembly
2	159476	Shaft Assembly, Lift
3	188822	Pin, Groove
4	12000002	E-Ring
5	19211621	Washer 21/32 x 1 x 21 Ga.
6	120183X	Bearing, Nylon
7	175830	Grip, Handle, Fluted
11	139865	Link, Lift, L.H.
12	139866	Link, Lift, R.H.
13	4939M	Retainer Spring
15	173288	Link Front Sus.
16	73350800	Nut Hex Jam 1/2-13 unc
17	175689	Trunnion Front Susp.

KEY PART NO.	NO.	DESCRIPTION
18	73800800	Nut Lock w/Wsh 1/2-13 unc
19	139868	Arm Asm. Suspension Mower
20	163552	Retainer Spring
31	169865	Bearing Pivot Lift
32	73540600	Nut Crownlock 3/8-24
36	155097	Pointer Height Indicator
37	123935X	Plug Hole
38	17060516	Screw 5/16-18 x 1
40	19112410	Washer 11/32 x 1-1/2 x 10 Ga.
41	155098	Indicator Height Sttt

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

# TRACTOR - - MODEL NUMBER CO185H42STA

## MOWER DECK



42\_D.elec.t-path.adjwl.stlt\_3

## TRACTOR - - MODEL NUMBER CO185H42STA

### MOWER DECK

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	182032	Mower Housing	92	73800600	Locknut, Hex W/Wsh 3/8-16 unc
2	72140506	Bolt	94	132264	Roller Nose
3	138017	Bracket Assembly,Sway Bar, Front	95	180533	Bracket Roller Nose RH
4	165460	Bracket Sway Bar 38/42"	101	136420	Cover Mulching 42" Black
5	4939M	Retainer Spring	102	71081010	Screw Truss Hd Phil10-24 x 5/8
6	178024	Bar Sway Deck	103	19061216	Washer #10
8	850857	Bolt, Hex 3/8-24 x 1.25 Gr. 8	104	10071000	Washer Lock
9	10030600	Washer, Lock	105	160793	Latch Asm Bagger
10	140296	Washer, Hardened (The following blades are available)	106	2029J	Nut Weld
11	134149	Blade, 42" Mulching STD (For mulching mowers only)	113	17060512	Screw 5/16-18
--	139775	Blade, 42" Mulching Premium (For better wear when mulching)	116	4898H	Bolt, Shoulder
--	138971	Blade, 42" Hi-Lift (For bagging or discharge)	117	165746	Wheel, Gauge
13	137645	Shaft Assembly, Mandrel, Vented (Incl. Key Number 6)	118	73930600	Nut, Crownlock 3/8-1
14	128774	Housing, Mandrel, Vented	119	19121414	Washer 13/32 x 7/8 x 14 Ga.
15	110485X	Bearing, Ball, Mandrel	129	19131312	Washer 13/32 x 13/16 x 12 Ga.
16	174493	Stripper, Mower Deck	130	74780616	Bolt, Fin Hex 3/8-16 unc x 1Gr. 5
18	72140505	Bolt, Carriage 5/16-18 x 5/8	131	72140608	Bolt Rdhd Sqnk 3/8-16 unc x 1
19	132827	Bolt, Shoulder	132	17000612	Screw 3/8-16 x 3/4
20	159770	Baffle, Vortex	134	156941	Pin Head Rivet
21	73680500	Nut, Crownlock 5/16-18 unc	135	159765	Bracket Asm. Wheel Gauge Rear LH
23	177563	Bracket, Deflector	136	155986	Bar Adj. Gauge Wheel
24	105304X	Cap, Sleeve	138	159763	Bracket Asm. Wheel Gauge Rear RH
25	123713X	Spring, Torsion, Deflector	139	159767	Bracket Asm. Wheel Gauge Front RH
26	110452X	Nut, Push	140	159768	Bracket Asm. Wheel Gauge Front LH
27	130968X428	Shield, Deflector	143	157109	Bracket Arm Idler 42"
28	19111016	Washer 11/32 x 5/8 x 16 Ga.	144	173441	Keeper Belt 42" Clutch Cable
29	131491	Rod, Hinge	145	173437	Pulley Idler Flat
30	173984	Screw Thdrol Rolling Wsh Hd	146	173443	Bolt Carraige Idler
31	187690	Washer, Spacer	148	169022	Spring Return Idler
32	173436	Pulley, Mandrel	149	165898	Retainer Spring Yellow Zinc
33	178342	Nut, Toplock, Flanged	150	19091210	Washer 9/32 x 3/4 x 10 Ga.
34	72110612	Bolt	159	72140614	Bolt Rdhd Sqn 3/8-16 unc x 1-3/4
36	173438	Pulley, Idler, Flat	182	179126	Rod Roller Nose
37	19131316	Washer 13/32 x 13/16 x 16 Ga.	183	163552	Retainer Spring
40	73900600	Nut, Lock 3/8-16 unc	184	19131410	Washer 3/8
44	140088	Guard, Mandrel, L.H.	--	130794	Mandrel Assembly (Includes housing, shaft and shaft hardware only-pulley not included)
45	4497H	Retainer	--	181542	Replacement Mower, Complete (Std. Deck-Order separately mulch cover, gauge wheels and nose roller components key nos. 101 - 106, 5, 116 - 119, 134, 136 and 91, 94, 95, 132, 182, 183).
46	137729	Screw, Thd. Roll 1/4-20 x 5/8			
54	178515	Washer, Hardened			
55	155046	Arm, Idler			
56	122052X	Spacer, Retainer			
59	173442	Guard, Tuv Idler			
61	174882	Spring Ext Elect Clutch			
68	174883	V-Belt			
91	180532	Bracket Roller Nose LH			

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