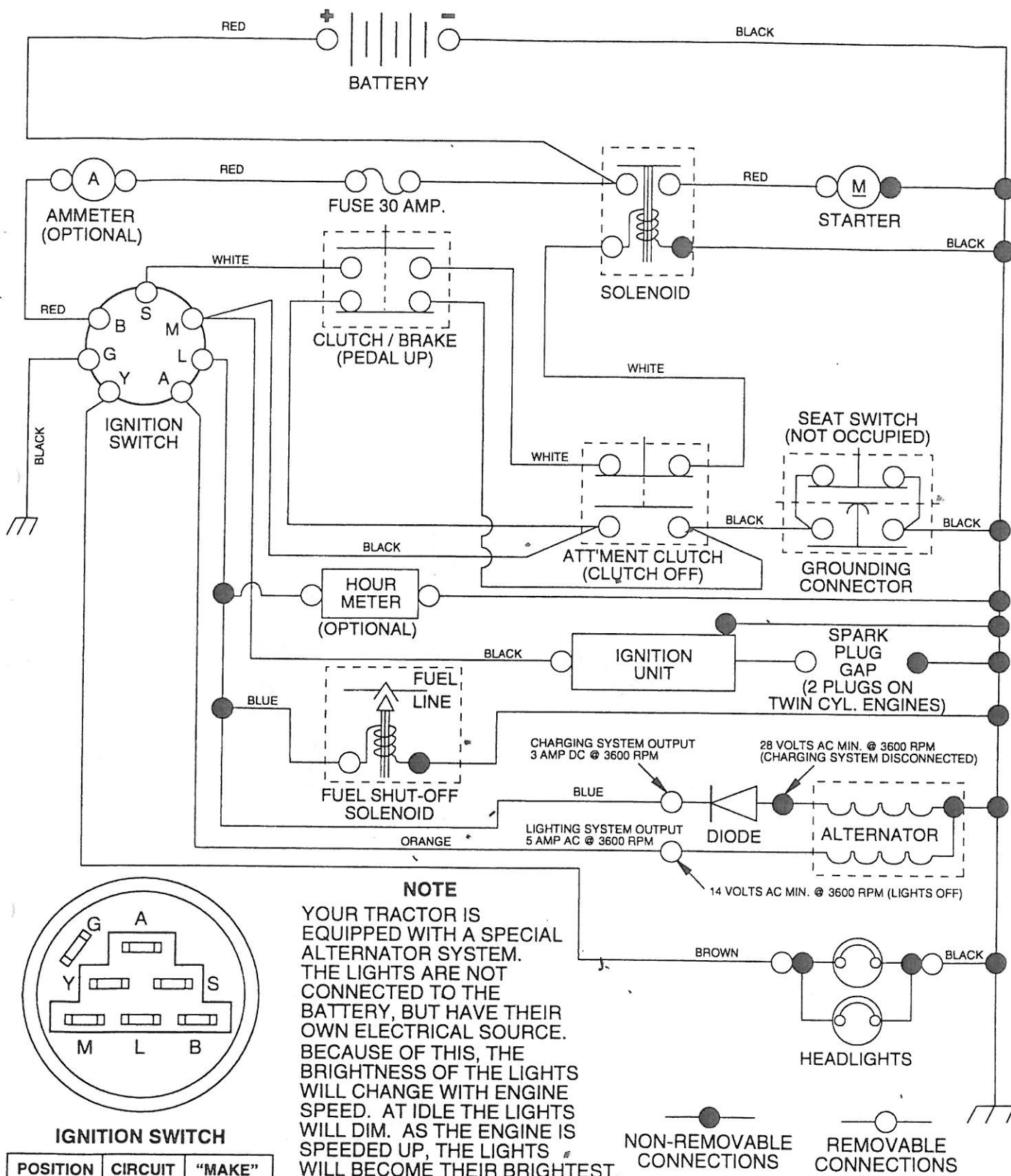


**ASSEMBLY/REPAIR
PARTS MANUAL
MODEL NO. RE145H42B
Lawn Tractor**

Rally

TRACTOR -- MODEL NUMBER RE145H42B

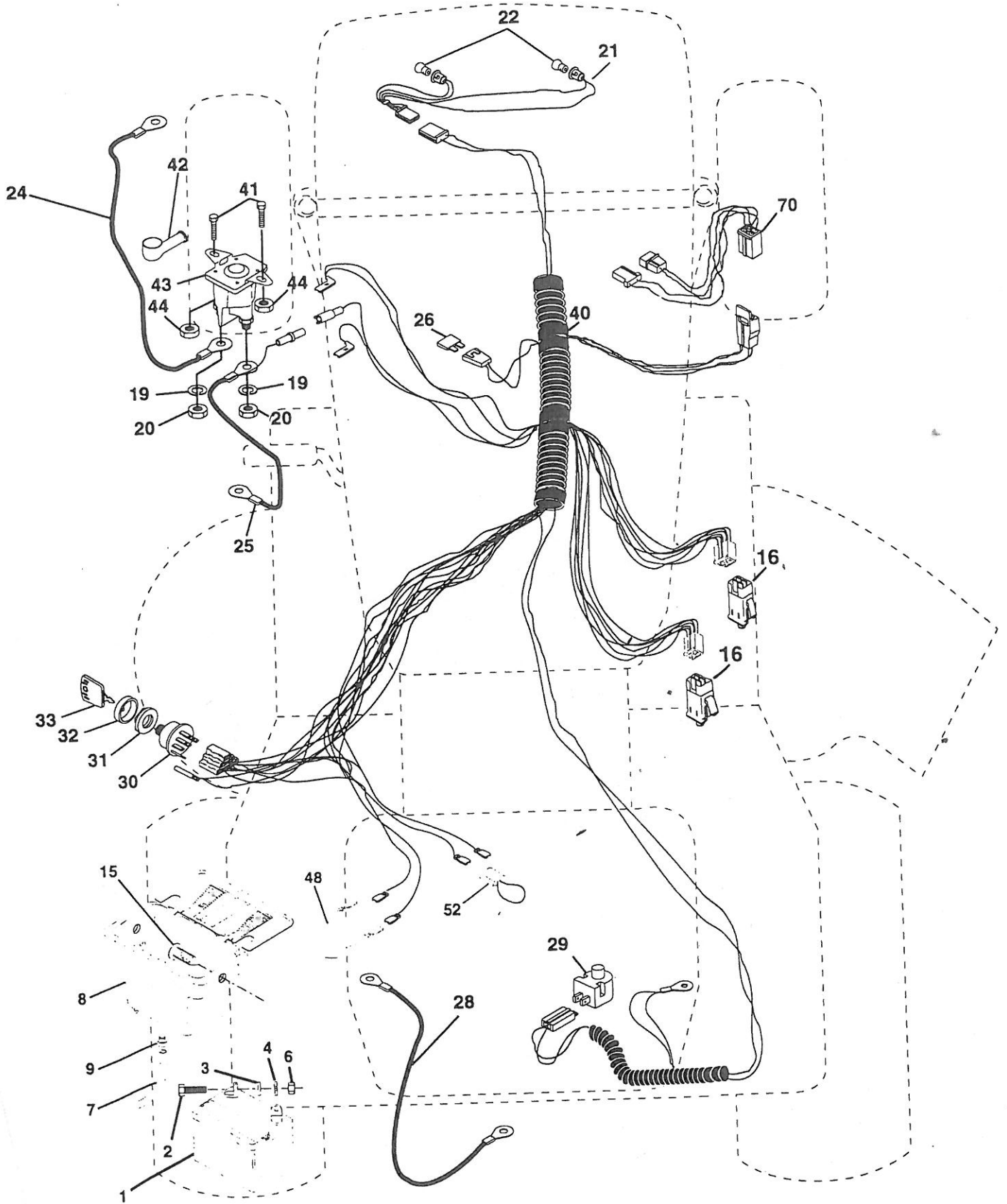
SCHEMATIC



REPAIR PARTS

TRACTOR -- MODEL NUMBER RE145H42B

ELECTRICAL



REPAIR PARTS

TRACTOR - - MODEL NUMBER RE145H42B

ELECTRICAL

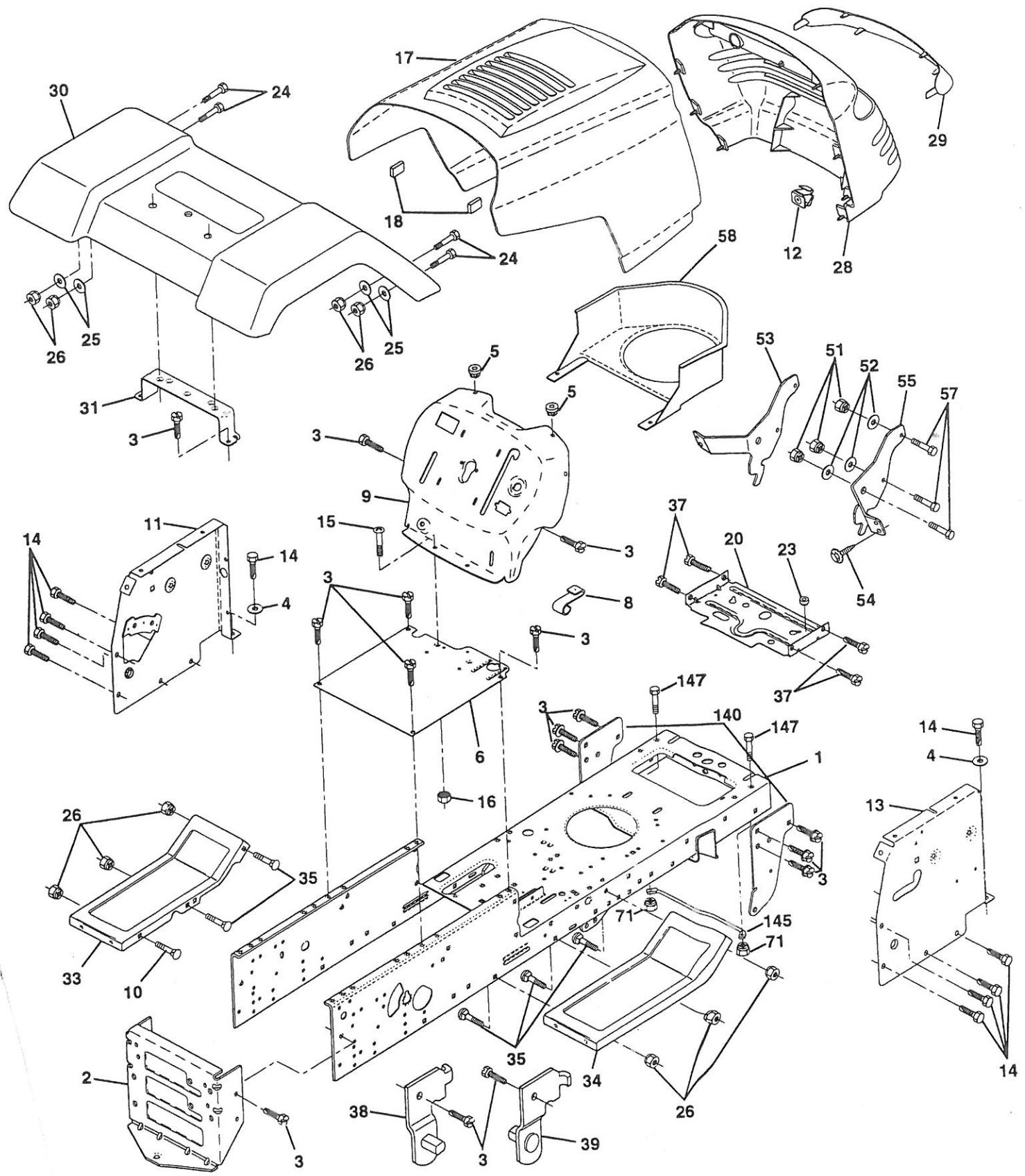
KEY NO.	PART NO.	DESCRIPTION
1	144925	Battery 12 Volt 25 AMP
2	74760412	Bolt Hex Hd 1/4-20unc X 3/4
3	19091016	Washer 9/32 x 5/8 x 16 Ga.
4	10040400	Washer Lock Hvy Helical 1/4
6	73220400	Nut Fin Hex 1/4-20 Unc
7	109238X	Tube Plastic 12"
8	156417	Case Battery
9	109596X	Clamp Hose Olive
15	147688	Fastner Snap-In
16	153664	Switch Interlock Push-In
19	10090400	Washer Lock 1/4
20	73350400	Nut Jam Hex 1/4-20 Unc
21	136850	Harness Asm Light W/4152j
22	4152J	Bulb Light #1156
24	4799J	Cable Battery 6 Ga 11" red
25	146147	Cable Battery 6 Ga 44" red
26	108824X	Fuse 30 AMP Auto Green
28	4207J	Cable Ground 6 Ga 12" black
29	121305X	Switch Plunger Nc Gray
30	140301	Switch Ign 4 pos w/lights
31	124211X	Nut Ignition
32	141226	Cover Sw Ignition
33	122147X	Key Ign Modledeed Generic
40	156442	Harness Ignition LT PL Mech
41	71110408	Bolt Blk Fin Hex 1/4 - 20 x 1/2
42	131563	Cover Terminal Red
43	145673	Solenoid
44	73640400	Nut Keps Hex 1/4-20 Unc
48	140844	Adapter Ammeter
52	141940	Protection Wire Loop
70	140422	Harness, Eng.

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

REPAIR PARTS

TRACTOR -- MODEL NUMBER R145H42B

CHASSIS AND ENCLOSURES



REPAIR PARTS

TRACTOR - - MODEL NUMBER RE145H42B

CHASSIS AND ENCLOSURES

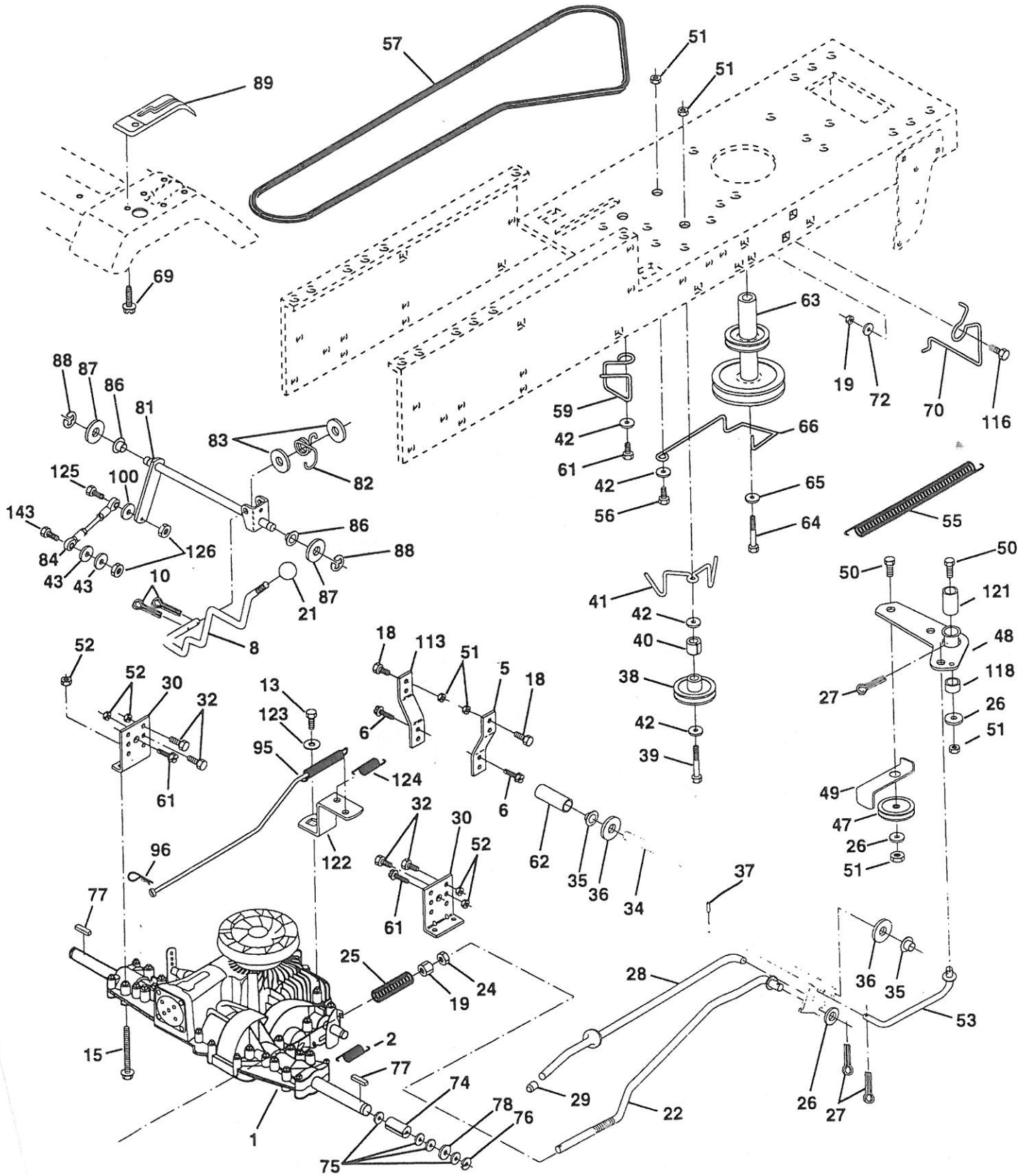
KEY NO.	PART NO.	DESCRIPTION
1	159530	Chassis Weldment
2	140356	Drawbar, Stretch 94
3	17490612	Screw, Thdrol. 3/8-16 x 3/4 Ty-TT
4	19131216	Washer 13/32 x 3/4 x 16 Gauge
5	155272	Bumper Hood/Dash
6	155923	Saddle LT Fender Shift
8	155138	Clip Retainer Slide-On
9	147627X011	Dash P/L
10	72140608	Bolt, Rdhd Sqnk 3/8-16 x 1
11	155927	Panel Asm.Dash LH
12	145660	Clip Tinnerman Grille P/L
13	155934X010	Dash, Panel RH
14	17490608	Screw Thdrol 3/8-16 x 1/2 Ty-tt
15	74180512	Screw Mach.Trhd 5/16-18 UNC x 3/4
16	73510500	Nut Keps 5/16-18 UNC
17	139394X505	Hood Pnt Stl PL
18	126938X	Bumper Hood
20	156437	Plate Mtg. Battery Fuel Tank
23	124028X	Bushing Snap Nyl Blk Fuel Line
24	74780616	Bolt, Hex , Fin. 3/8-16UNC x 1 Gr. 5
25	19131312	Washer 13/32 x 13/16 x12 Gauge
26	73800600	Nut Lock Hex w/Ins. 3/8-16 Unc
28	157373	Grille
29	140273	Lens Grille
30	140001X505	Fender Pnt
31	136619	Bracket Fender
33	105476X505	Footrest Pnt., LH
34	105475X505	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 Tyt
38	139886	Bracket Asm. Pvt. LH Mower Rear
39	139887	Bracket Asm. Pvt. RH 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	17030814	Screw Lock Spider #8 x 7/8
55	144696	Bracket Grille RH
57	74780412	Bolt Fin Hex 1/4-20 x 3/4
58	150127	Air Duct Engine P/L
71	73680400	Nut Crownlock 1/4-20 Unc 3/4
140	158418	Bracket Suspension Front
145	156524	Rod Pivot Chassis/Hood
147	74760412	Bolt Hex Hd 1/4-20 Unc 3/4
--	5479J	Plug Btn Blk .359 Dia Ch/Inf

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

REPAIR PARTS

TRACTOR - - MODEL NUMBER RE145H42B

DRIVE



REPAIR PARTS

TRACTOR - - MODEL NUMBER RE145H42B

DRIVE

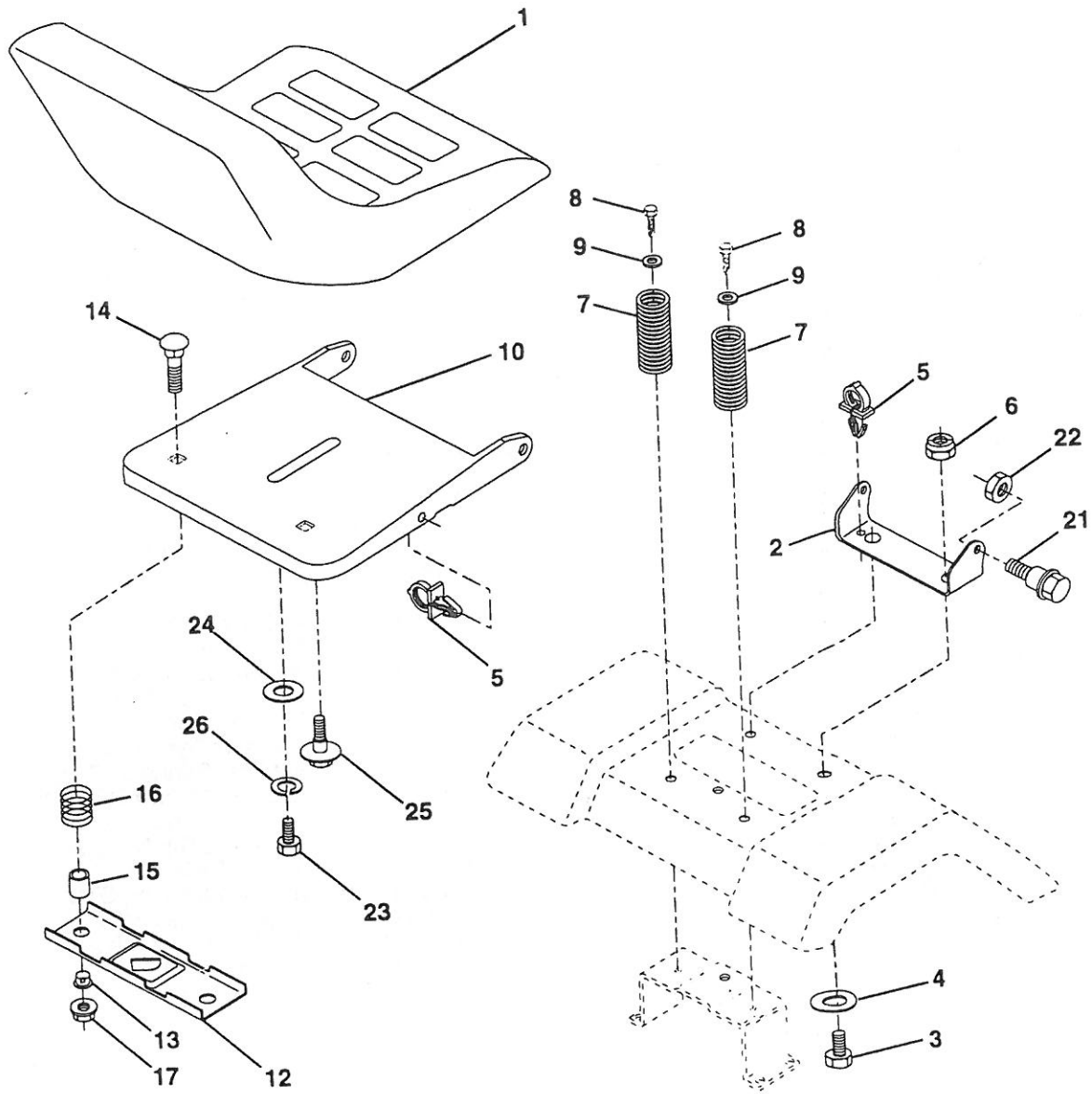
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	- - - - -	Transaxle (See Breakdown) Peerless Model 205-027B	56	74760620	Bolt Hex 3/8-16 x 1-1/4
2	146682	Spring, Return Brake	57	156971	V-Belt, Ground Drive
5	121520X	Strap Torque	59	140312	Keeper, Center Span
6	17490512	Screw Thdrol 5/16-18 x 3/4	61	17490612	Screw Thdrol. 3/8-16 x 3/4 Ty. TT
8	141003	Rod Shift Hydro LT	62	8883R	Cover, Pedal
10	76020416	Pin Cotter 1/8 x 1 CAD	63	140186	Pulley, Engine
13	74550412	Bolt 1/4-28 Unf Gr. 8 W/Patch	64	71170764	Bolt Hex 7/16-20 X 4 Gr. 5
15	74490544	Bolt Hex Flghd 5/16-18 Gr. 5	65	10040700	Washer
18	74780616	Bolt Fin Hex 3/8-16 Unc x 1 Gr. 5	66	154778	Keeper Belt Engine
19	73800600	Nut Lock Hex W/Wsh 3/8-16 Unc	69	142432	Screw, Hex Washer Hi-Lo 1/4-1/2
21	106933X	Knob, Round 1/2-13	70	134683	Keeper Belt Engine
22	130804	Rod, Brake	72	19132012	Washer 13/32 x 1-1/4 x 12 Gauge
24	73350600	Nut, Hex Jam 3/8-16 Unc	74	156972	Spacer, Axle PVST
25	106888X	Spring, Brake Rod	75	121749X	Washer 25/32 x 1-1/4 x 16 Gauge
26	19131316	Washer	76	12000001	E-Ring
27	76020412	Pin Cotter 1/8 x 3/4 CAD.	77	123583X	Key, Square
28	145204	Rod, Parking Brake	78	121748X	Washer 25/32 x 1-5/8 x 16 Gauge
29	71673	Cap, Parking Brake	81	158461	Shaft Asm. Cross Hydro 18" Tires
30	130807	Bracket, Transaxle	82	123782X	Spring Torsion T/A
32	74760512	Bolt Hex Hd 5/16-18 Unc x 3/4	83	19171216	Washer 17/32 x 3/4 x 16 Ga.
34	155071	Shaft, Foot Pedal	84	158286	Rod, Tie PVST 18"
35	120183X	Bearing, Nylon	86	71208	Bushing Rod Strig. 629/632 ID
36	19211616	Washer	87	19212016	Washer 21/32 x 1-1/4 x 16 Ga.
37	1572H	Pin, Roll	88	12000008	Ring Klip #5304-62
38	123674X	Pulley, Idler, Flat	89	151147	Console, Shift
39	74760644	Bolt	95	156970	Rod Asm Bypass PVST
40	4470J	Spacer, Split	96	4497H	Retainer Spring 1" Zinc/Cad
41	154777	Keeper, Belt, Idler	100	19111216	Washer 11/32 x 3/4 x 16 Ga.
42	19131312	Washer 13/32 x 13/16 x 12 Gauge	113	127285X	Strap Torque LH LT
47	127783	Pulley, Idler, V-Groove	116	72110610	Bolt Rdhd Sq. Neck 3/8-16 x 1.25
48	154604	Bellcrank Assembly	118	154774	Spacer Bellcrank
49	123205X	Retainer, Belt	121	154419	Nyliner Clutching STL
50	74760624	Bolt	122	156963	Plate Bypass PVST
51	73680600	Nut Crownlock 3/8-16 UNC	123	19081016	Washer 8/32 x 5/8 x 16 Ga.
52	73680500	Nut, Crownlock 5/16-18 Unc	124	156967	Spring Return PVST
53	105710X	Link, Clutch	125	74780516	Bolt Fin Hex 5/16-18 Unc x 1
55	105709X	Spring, Return, Clutch	126	1685H	Nut Lock 5/16-18 Unc

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

REPAIR PARTS

TRACTOR - - MODEL NUMBER RE145H42B

SEAT



KEY NO.	PART NO.	DESCRIPTION
1	127427	Seat
2	140551	Bracket, Pivot, Seat
3	74760616	Bolt
4	19131610	Washer 13/32 x 1 x 10 Ga.
5	145006	Clip, Push-in
6	73800600	Nut
7	124181X	Spring, Seat
8	17490616	Screw, Thdrol 3/8-16 x 1
9	19131614	Washer 13/32 x 1 x 14 Ga.
10	155925	Pan, Seat
11	121246X	Bracket, Mounting, Switch, Seat
12	121248X	Bushing, Nylon

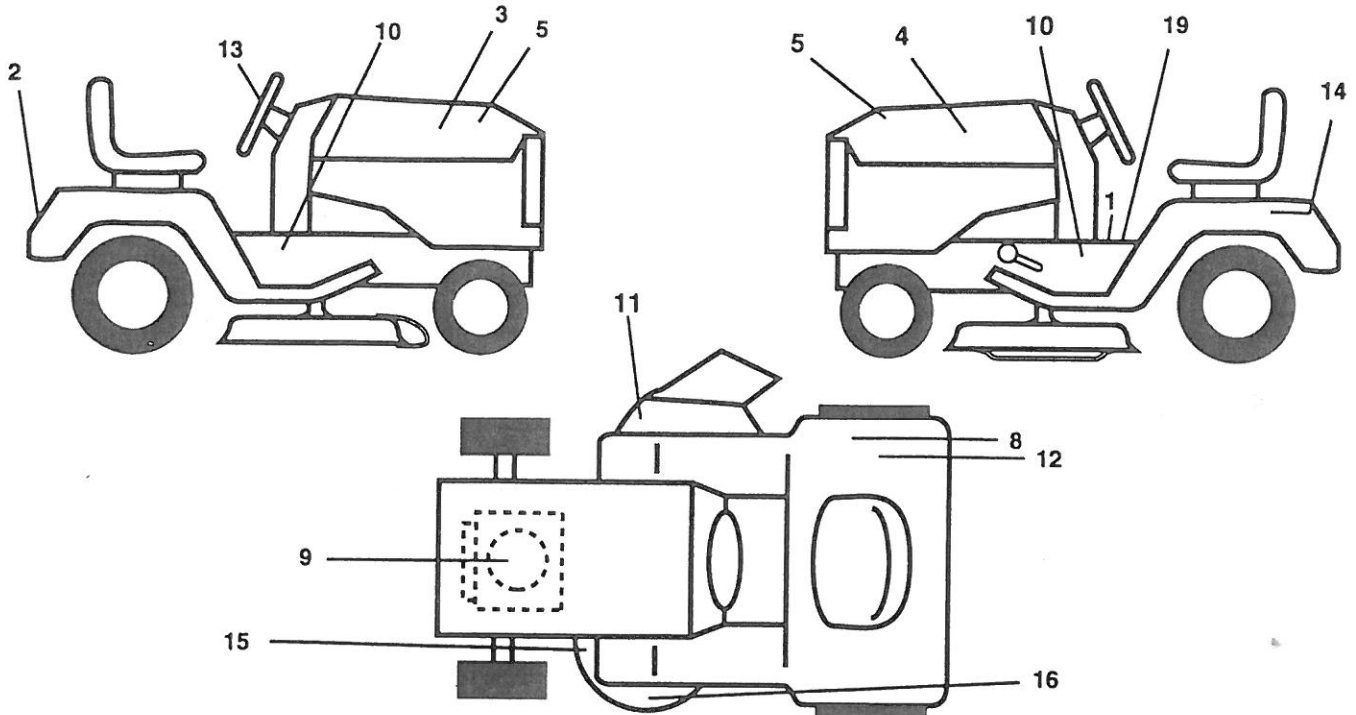
KEY NO.	PART NO.	DESCRIPTION
14	72050411	Nut, Crownlock 1/4-20 x 1-3/8
15	134300	Spacer, Split
16	121250X	Spring
17	123976X	Nut, Lock, Flange 1/4 Gr. 5
21	153236	Bolt, Shoulder 5/16-18 UNC
22	73800500	Nut
23	74780814	Bolt Fin Hex 1/2 - 13 x 7/8 Gr. 5
24	19171912	Washer 17/32 x 1-3/16 x 12 Ga.
25	127018X	Bolt Shoulder 5/16-18 x .62
26	10040800	Washer Lock Hvy Hclc Spr 1/2

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

REPAIR PARTS

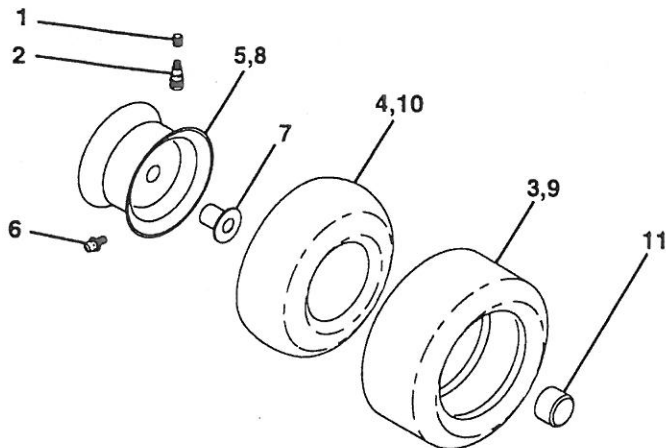
TRACTOR - - MODEL NUMBER RE145H42B

DECALS



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	145498	Decal, Instruction, Operation	19	140837	Decal, Parking Brake
2	132628	Decal, Fender Logo	--	138311	Decal, Handle, Lift, Height Adjust (Lift Handle)
3	153266	Decal, Hood Rh	--	142341	Decal, Drawbar Cntrl. Mvt. Hyd. LT
4	153267	Decal, Hood Lh	--	159629	Manual (Euro)
5	146644	Decal, HP Hood	--	159630	Manual (Scan)
8	145437	Decal, Europe Stand CE	--	159631	Manual, Repair Parts (E/F)
9	272991	Decal, HP Engine	Accessories not included with your tractor:		
10	141801	Decal Chassis 42" Hydro	--	LBD48	48" Snow Blade
11	145494	Decal, Mower Cutfinger Symbol	--	LSB42	42" Snow Blower
12	125690X	Decal 100 DBA	--	C42	Grass Catcher
13	127075	Decal, Wheel Steering	--	LC05	33# Wheel Wts., Pair
14	145005	Decal, Btry Dngr/Psn P/L Sym	--	LA018	Tire Chains
15	136832	Decal, V-Belt	--	MK420	Mulching Kit
16	135013	Decal, Enviro, Deck, Yellow			

TIRES AND WHEELS



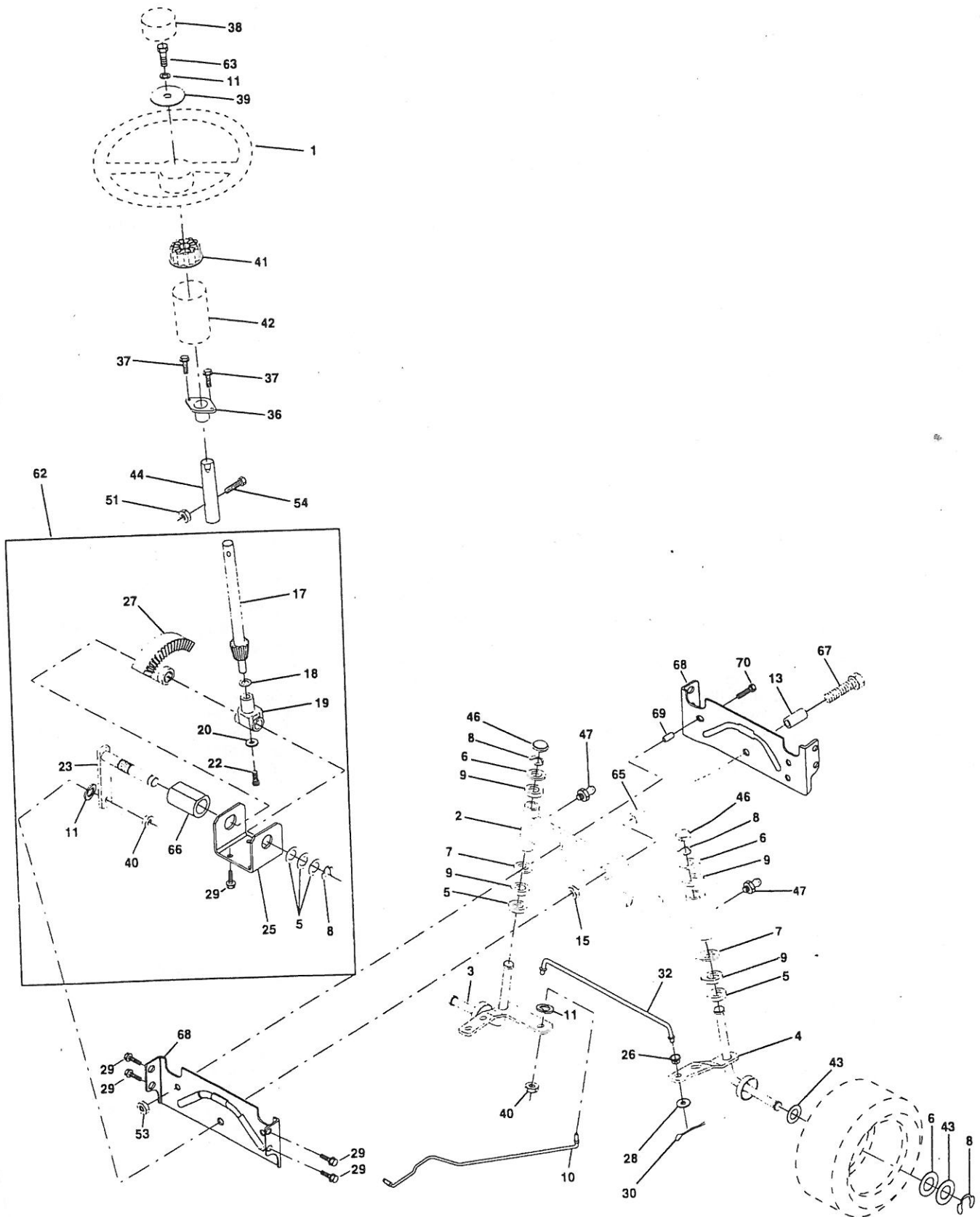
KEY NO.	PART NO.	DESCRIPTION
1	59192	Cap, Valve
2	65139	Stem, Valve
3	106222X	Tire Front
4	59904	Tube, Front (not furnished)
5	106732X427	Rim, Asm. Front
6	278H	Grease Fitting (rear tire only)
7	9040H	Bearing, Flange (front tire only)
8	106108X427	Rim, Asm. Rear
9	106268X	Tire, Rear TS. 18 x 9.5 - 9 C. Service
10	7152J	Tube, Rear (not furnished)
11	104757X	Cap, Axle
--	144334	Sealant, Tire (10 oz. Tube)

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

REPAIR PARTS

TRACTOR -- MODEL NUMBER RE145H42B

STEERING WHEEL



REPAIR PARTS

TRACTOR - - MODEL NUMBER RE145H42B

STEERING WHEEL

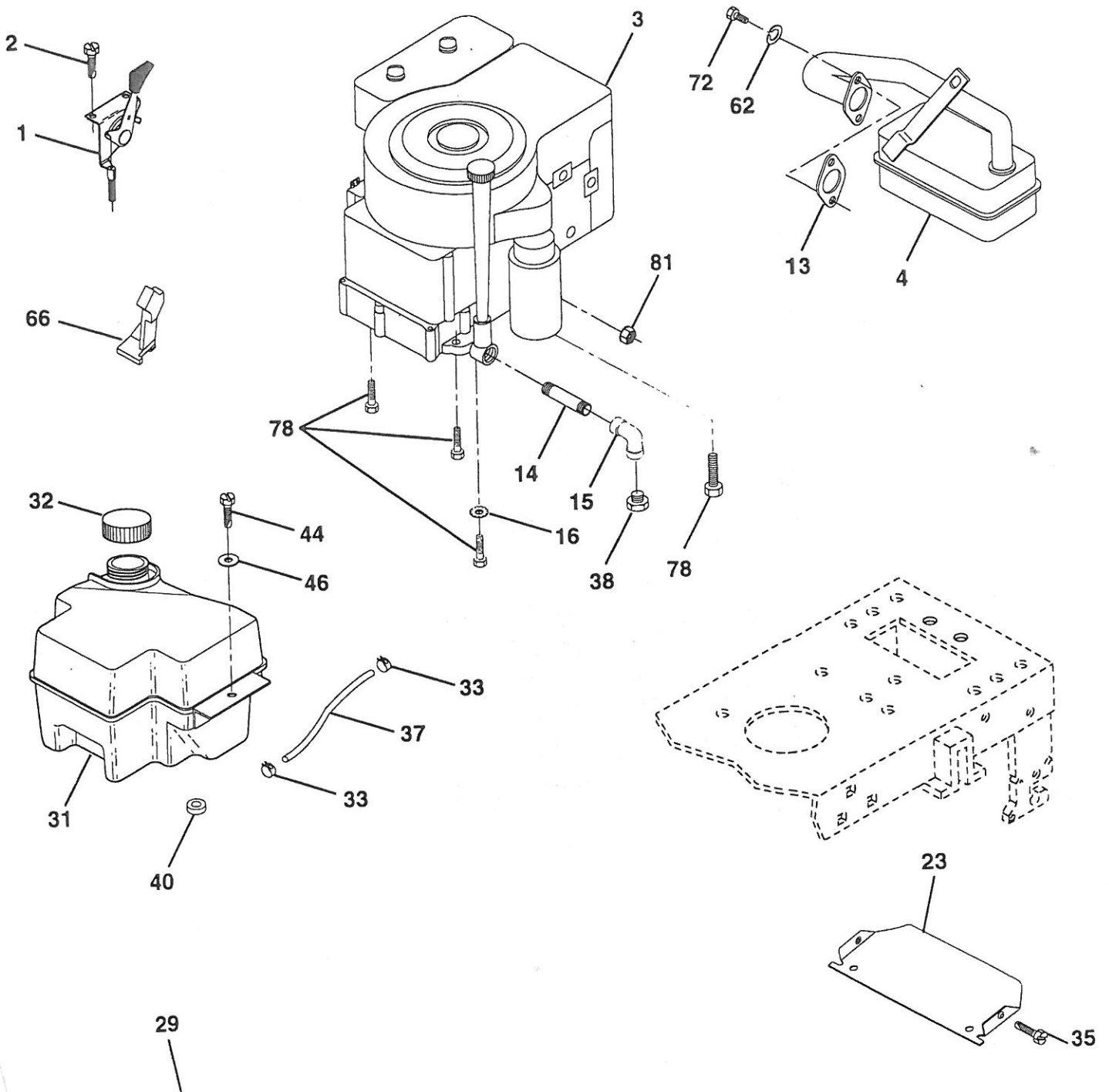
KEY NO.	PART NO.	DESCRIPTION
1	133741	Wheel Steering
2	154427	Axle Asm Front
3	156483	Spindle Asm LH
4	157483	Spindle Asm RH
5	6266H	Bearing, Race, Thrust Hardened
6	121748X	Washer 25/32 X 1-5/8 X 16 Ga
7	19272016	Washer 27/32 X 1-1/4 X 16 Ga
8	12000029	Ring Klip
9	3366R	Bearing
10	156438	Link Drag
11	10040600	Washer Lock Hvy Hlcl Spr 3/8
13	154779	Bearing Axle Stl/Gt
15	73901000	Locknut, Hex, Jam, w/Washer Insert 5/8-11 Unc
17	156546	Steering, Assembly Shaft
18	57079	Washer Thrust 515x 750x 033
19	124035X	Support Shaft
20	126684X	Washer Shim 1/4 X 5/8 X .062
22	71200410	Screw Hex Socket 1/4-20 x 5/8
23	127501	Shaft Asm Pittman
25	154406	Bracket Steering
26	126847X	Bushing Link Drag Blk Lr
27	136874	Gear Sector
28	19131416	Washer 13/32 x 7/8 x 16 Ga.
29	17490612	Screw Thdrol. 3/8-16x3/4 Ty-tt
30	76020412	Pin Cotter 1/8 x 3/4 CAD
32	130465	Rod Connecting
36	155099	Bushing Steering
37	152927	Screw TT #10-32 X 5 x 3/8 Flange
38	133742	Cap Wheel Steering
39	19133808	Washer 13/32 x 2-3/8 x 8 Ga
40	7810H	Nut Lock Center 3/8-24 Unf
41	100711L	Adapter Wheel Strg
42	154054	Boot Shaft Steering
43	121749X	Washer 25/32 X 1 1/4 X 16 Ga
44	153720	Extension Steering
46	121232X	Cap Spindle
47	6855M	Fitting Grease
51	73800500	Nut Lock Hex W/Ins. 5/16-18 Unc P
54	74780520	Bolt Fin Hex 5/16-18 Unc 6 x 1-1/4
62	156594	Kit Steering Asm. Service
63	74780616	Bolt Fin Hex 3/8-16unc x 1 Gr. 5
65	154780	Spacer Axle
66	154404	Bearing Arm Pittman
67	74781044	Bolt Fin Hex 5/8-11 UNC x 2-3/4
68	154429	Brsce Axle

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

REPAIR PARTS

TRACTOR -- MODEL NUMBER RE145H42B

ENGINE



OPTIONAL EQUIPMENT
Spark Arrester

REPAIR PARTS

TRACTOR - - MODEL NUMBER RE145H42B

ENGINE

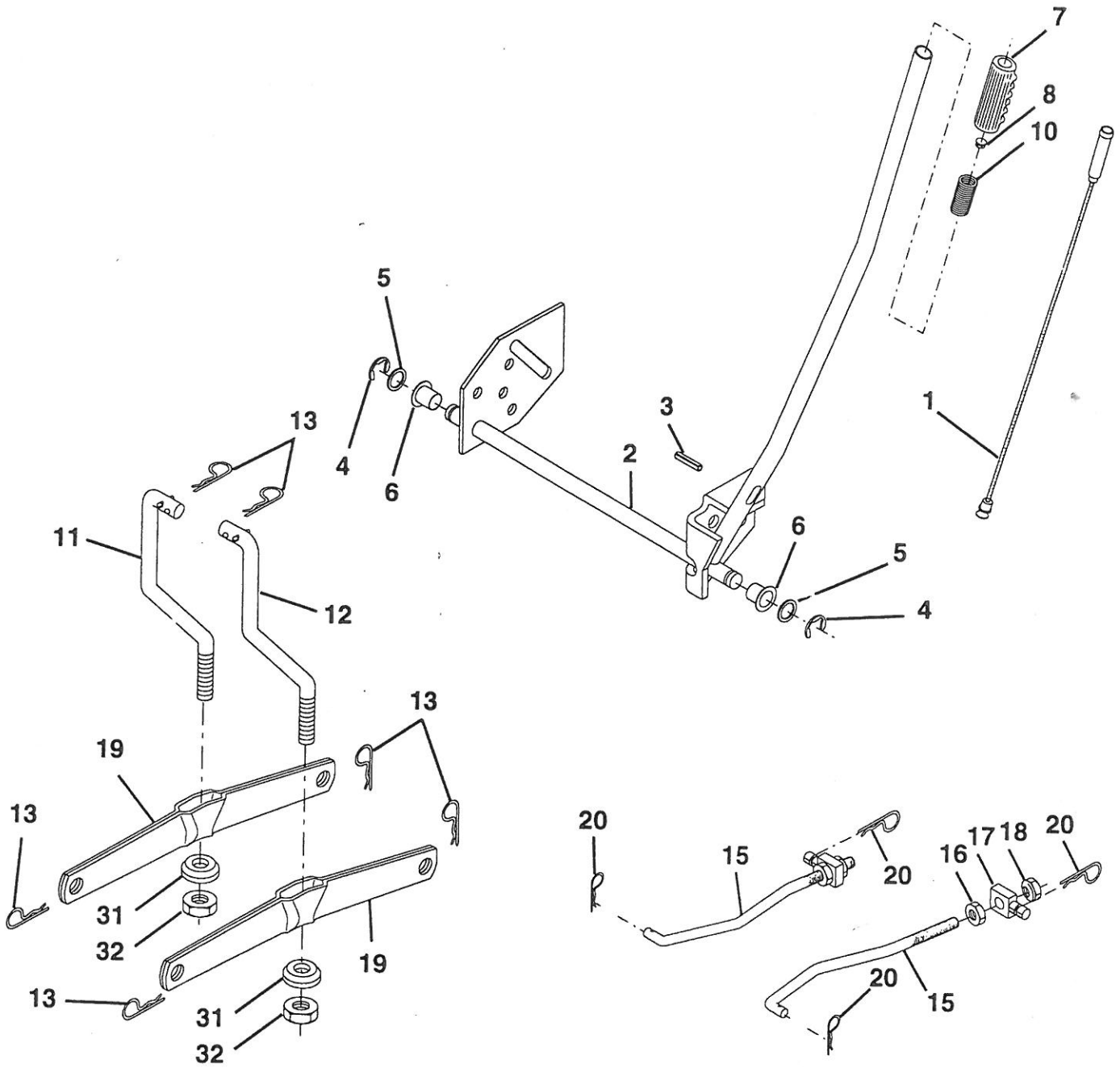
KEY NO.	PART NO.	DESCRIPTION
1	141359	Control Th/ch
2	17720410	Screw Hex Thd Cut 1/4-20x5/8 T
3	-----	Engine Briggs Model No. 287707
4	137352	Muffler Exhaust B&S
13	272293	Gasket Eng 1 313 Id Tin Plated
14	13280324	Nipple Pipe 3/8 Npt X 3"
15	13200300	Elbow Std 90 Degree 3/8-18 Npt
16	11050600	Washer Lock Ext Tooth 3/8
23	156123	Shield Browning
29	137180	Kit Spark Arrestor (Flat Scrn)
31	140280	Tank Fuel Front 2 00
32	140527	Cap Asm Fuel
33	123487X	Clamp Hose Blk
35	17490512	Screw Thdrol 5/16-18 x 3/4
37	137040	Line Fuel
38	-----	Plug Oil Drain (Order From Engine Manufacturer)
40	124028X	Bushing Snap Nyl Blk Fuel Line
44	17490412	Screw Hexwsh Thdrol 1/4-20x3/4
46	19091416	Washer 9/32 X 7/8 X 16 Ga
62	10040500	Washer 5/16
66	127951	Stop Throttle
72	71070512	Screw 5/16-18 x 3/4
78	17490620	Screw Thdrol 3/8-16x1-1/4 TYTT
81	128861	Nut Flange 1/4-20 Starter Nut

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

REPAIR PARTS

TRACTOR - - MODEL NUMBER RE145H42B

MOWER LIFT



REPAIR PARTS

TRACTOR - - MODEL NUMBER RE145H42B

MOWER LIFT

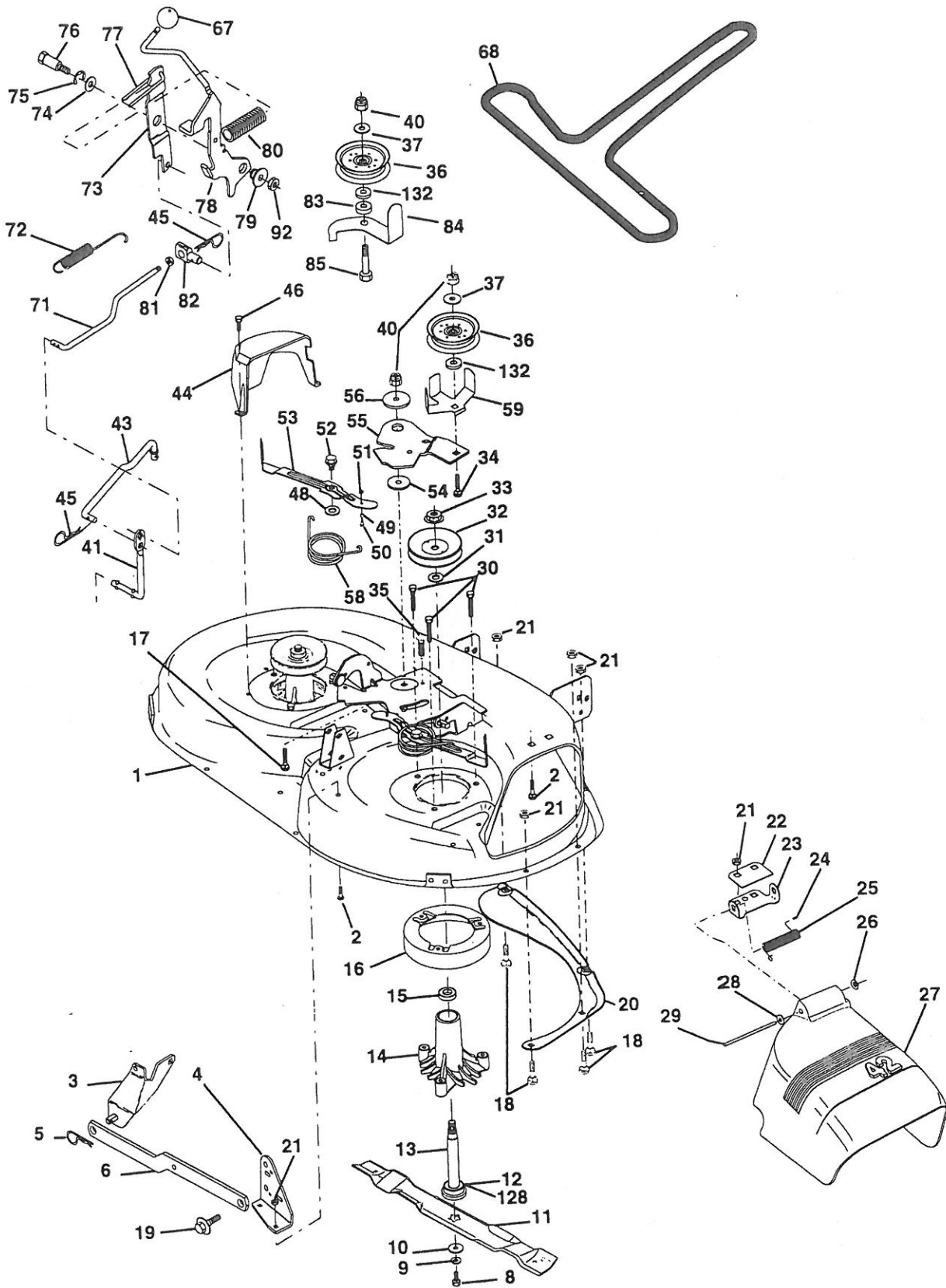
KEY NO.	PART NO.	DESCRIPTION
1	159460	Wire Asm. Inner/Sprg w/Plunger
2	159471	Shaft, Asm., Lift R/H
3	105767X	Pin, Groove
4	12000002	Ring, E #5133-62
5	19211621	Washer 21/32 x 1 x 21 Ga.
6	120183X	Bearing, Nylon
7	109413X	Grip Handle Bicycle Matte Blk
8	124526X	Button, Plunger
11	139865	Link, Lift, Lh
12	139866	Link, Lift, Rh
13	4939M	Spring, Retainer
15	127218	Link, Front
16	73350800	Nut, Jam, Hex 1/2-13 Unc
17	130171	Trunnion
18	73800800	Nut, Lock w/washer 1/2-13 Unc
19	139868	Arm, Suspension, Rear
20	3146R	Spring, Retainer
31	140302	Bearing, Pvt Lft
32	73540600	Nut Crownlock 3/8-24

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

REPAIR PARTS

TRACTOR -- MODEL NUMBER RE145H42B

LOWER DECK



REPAIR PARTS

TRACTOR - - MODEL NUMBER RE145H42B

MOWER DECK

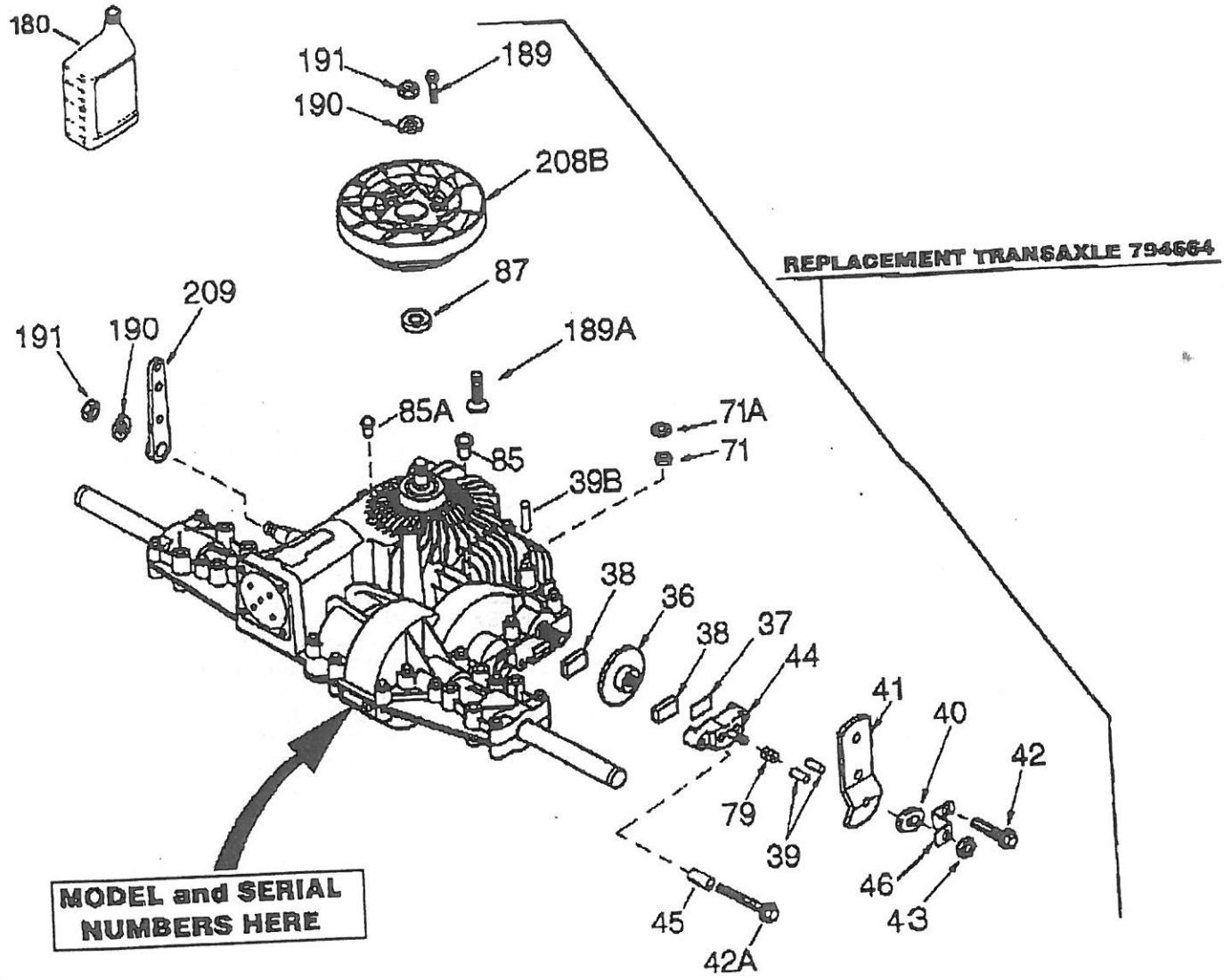
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	144393	Housing Asm MWR 42" HL MCH T-Path	44	140088	Guard Mandrel LH Black
2	72140506	Bolt Rdhd Sqnk 5/16-18unc X3/4	45	4497H	Spring Retainer 1" Zinc/cad
3	138017	Bracket Asm Fr Sway Bar 38/42	46	137729	Screw Hex Thd Cut 1/4-24 UNC
4	138440	Bracket Asm Deck 42"sway Bar	48	133944	Washer Hardened Smaller
5	4939M	Retainer Spring	49	155066	Roller Asm Cam Follower 42"dec
6	130832	Arm Suspension Rear	50	131340	Bolt Shldr 10-24 Zinc Gr 5 42"
8	850857	Bolt 3/8-24x1 25 Gr8 Patched	51	69180	Nut Lock #10-24 Unc
9	10030600	Washer Lock Hvy 3/8 Unplated	52	139888	Bolt Shoulder 5/16-18 Unc Blkz
10	140296	Washer Hard Blade Mower Vented	53	131845X900	Arm Asm Pad Brake
11	138498	Blade Mower 42" High Lift	54	133943	Washer Hardened
12	129895	Bearing Ball #6204 (Mandrel)	55	155046	Arm Idler 42" mower
13	137645	Shaft Asm W/lower Bearing	56	122052X	Spacer Retainer Pm Mower
14	128774	Housing Mandrel Vented(machd)	58	140086	Spring Torsion Brakes 42"
15	110485X	Bearing Ball Mandrel	59	141043	Guard TUV Idler
16	140329	Stripper Mower Round	67	106932X	Knob Rd 3/8-16 Pastic Thds Blk
7	72110610	Bolt Rdhd Sqnk 3/8-16 X 1.25	68	144959	V-Belt Mower
18	72140505	Bolt Carr 5/16-18 X 5/8	71	142427	Rod Clutch Primary 38/42
19	132827	Bolt Shoulder	72	131870	Spring Return
20	136888	Baffle Vortex 42	73	127847	Arm Clutch Secondary
21	73680500	Nut Crown Lock 5/16-18	74	121748X	Washer 25/32 X 1-5/8 X 16 Ga
22	134753	Stiffener Bracket 42"deck	75	1200029	Ring Klip #t5304-75
23	131267	Bracket Deflector Mower 42"	76	128903	Bolt Shoulder 3/8-16 Unc 1 44
24	105304X	Cap Sleeve 80x 112 Blk Mower	77	127845	Keeper Spring 4 000
25	123713X	Spring Torsion Deflector 2 52	78	154809	Arm Clutch Primary
26	110452X	Nut Push Phos & Oil	79	127498	Bushing 7/47 Od X 794 Lg Brass
27	130968	Shield Deflector Mower 42" Blk	80	153701	Spring Clutch Mower
28	19111016	Washer 11/32 X 5/8 X 16 Ga	81	73350600	Nut Hex Jam 3/8-16
29	131491	Rod Hinge 42"6 75 Wlg	82	142028	Trunnion Adj.
30	138776	Screw Thdrol Hex Hd Zinc	83	120958X	Washer Sintered
31	129963	Washer Spacer Mower Vented	84	158824	Bracket Asm. Idler
32	153535	Pulley Mandrel 42/44/50"	85	72140618	Bolt Rdhd Sq 3/8-16 UNC x2-1/4
33	137266	Nut 9/16top Lock Fing	92	73800600	Nut Lock Hex w/Ins 3/8-16 UNC
34	72110614	Bolt Rdhd 3/8-16uncx1-3/4 Gr5	128	153390	Washer Felt
35	133835	Fastner Christmas Tree	132	19132203	Washer 13/32 x 1-3/8 x 3 Ga.
36	131494	Pulley Idler Flat 3 060	--	130794	Mandrel Assembly (Includes Key
37	19131316	Washer 13/32 x 13/16 x 16 Ga.	--	159469	Numbers 8-10, 12-15, 31 and 33)
40	73680600	Nut Crownlock 3/8-16 Unc			Deck, Std (Complete)
41	133551	Rod Pivot W/nibs			
42	140083	Rod Clutch Secondary W/nibs			

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

REPAIR PARTS

TRACTOR -- MODEL NUMBER RE145H42B

TRANSAXLE - PEERLESS MODEL NUMBER 205-027B



REPAIR PARTS

TRACTOR - - MODEL NUMBER RE145H42B

TRANSAXLE - PEERLESS MODEL NUMBER 205-027B

REF PART NO. NO.	DESCRIPTION
36 790075	Brake Disc
37 790007	Brake Pad Plate
38 799021	Brake Pad (pkg of 2)
39 786026	Dowel Pin
39B 798033	Belt Guard
40 792076A	Flat Washer
41B 790085	Brake Lever
42 792073	Screw, 1/4-20 x 1-1/4"
42A 792085A	Screw, 1/4-20 x 2-1/4"
43 792075	Locknut, 5/16-24
44 790025	Brake Pad Holder
45 786066	Spacer
46 790086	Brake Lever Bracket
71 788069	Square Cut Ring
71A 792162	Pushnut, 9/16"
79 792144	Spring
85 792154	Oil Fill Plug
85A 792182	Tube, Plug
87 788035	Oil Seal, 5/8"
180 730229A	Gear Oil 80W90
189 792168	Drive Screw #6 x 1/2"
189A 792169	Screw, 10-32 x 1/2"
190 792150	Lockwasher
191 792151	Nut, 7/16-20
208B 798025	Fan/Coupling (Incl. 189 & 189A)
209 798024	Control Lever

Parts must be ordered from Tecumseh Products Co.

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