

Owner's Manual

**CRAFTSMAN**<sup>®</sup>

- 0 - 012

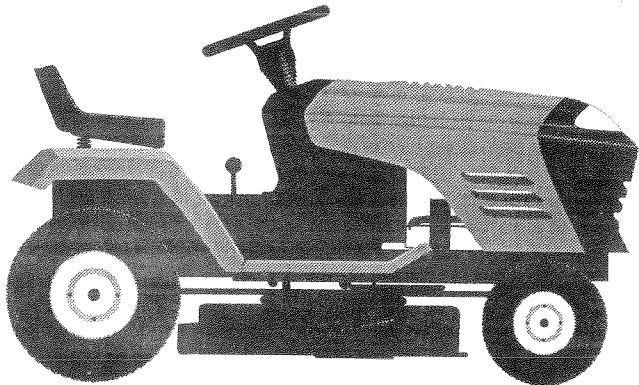


**15.5 HP  
ELECTRIC START  
42" MOWER  
6 SPEED TRANSAXLE  
LAWN TRACTOR**

**EZ<sup>3</sup>**

Model No.  
**917.270611**

- Safety
- Assembly
- Operation
- Maintenance
- Repair Parts



This product has a low emission engine which operates differently from previously built engines. Before you start the engine, read and understand this Owner's Manual.

**CAUTION:**

Read and follow all  
Safety Rules and Instructions  
before operating this equip-  
ment.

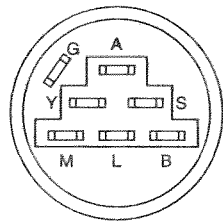
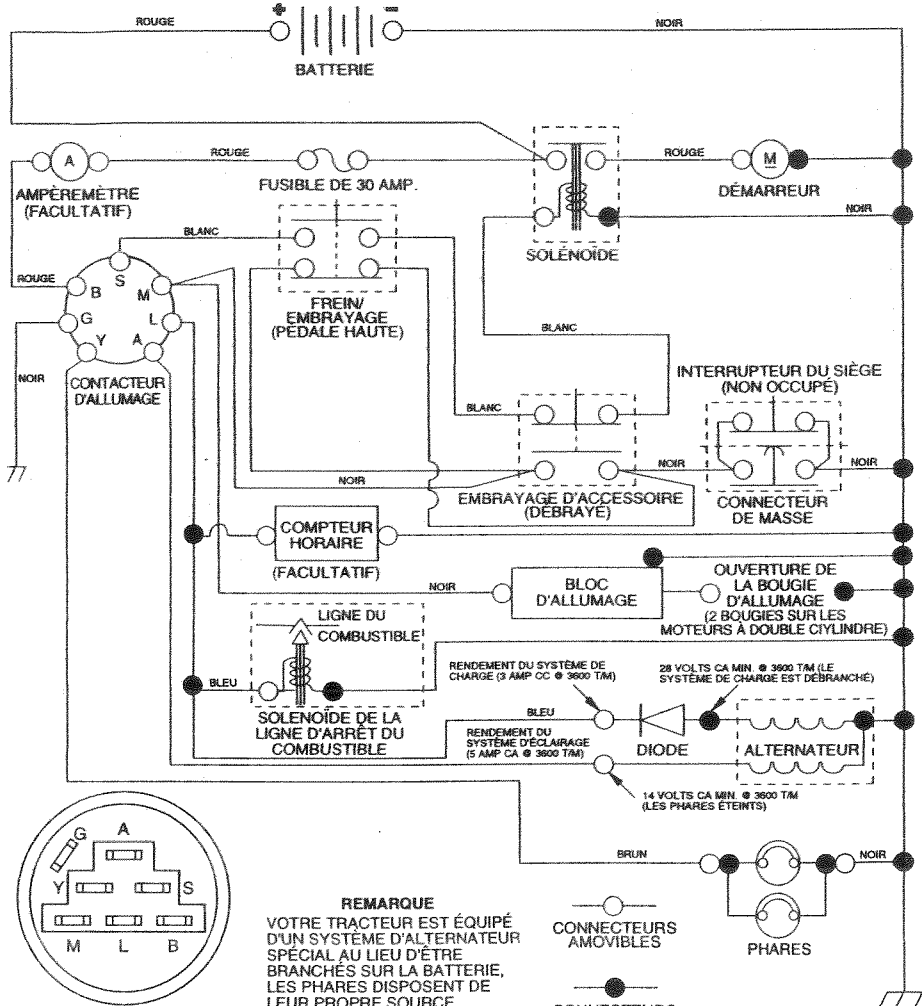
For answers to your questions  
about this product, Call:

**1-800-659-5917**  
Sears Craftsman Help Line  
5 am - 5 pm, Mon - Sat

Sears, Roebuck and Co., Hoffman Estates, IL 60179

# TRACTOR -- MODEL NUMBER 917.270611

## SCHEMATIC



CONTACTEUR D'ALLUMAGE

POSITION	CIRCUIT	"FAITS"
ARRÊT	G + M + L	RIEN
POSITION D'ALLUMAGE	B + L	A + Y
MARCHE	B + L	RIEN
DÉMARRAGE	B + L + S	RIEN

### REMARQUE

VOTRE TRACTEUR EST ÉQUIPÉ D'UN SYSTÈME D'ALTERNATEUR SPÉCIAL AU LIEU D'ÊTRE BRANCHÉS SUR LA BATTERIE, LES PHARES DISPOSENT DE LEUR PROPRE SOURCE D'ÉNERGIE ÉLECTRIQUE, DONC LA BRILLANCE DES PHARES CHANGERA EN FONCTION DE LA VITESSE DU MOTEUR. AU RALENTI, LA BRILLANCE DES PHARES BAISSERA; QUAND LE MOTEUR EST ACCÉLÉRÉ, LA BRILLANCE ATTEINDRA SON MAXIMUM.

CONNECTEURS AMOVIBLES

CONNECTEURS NON-AMOVIBLES

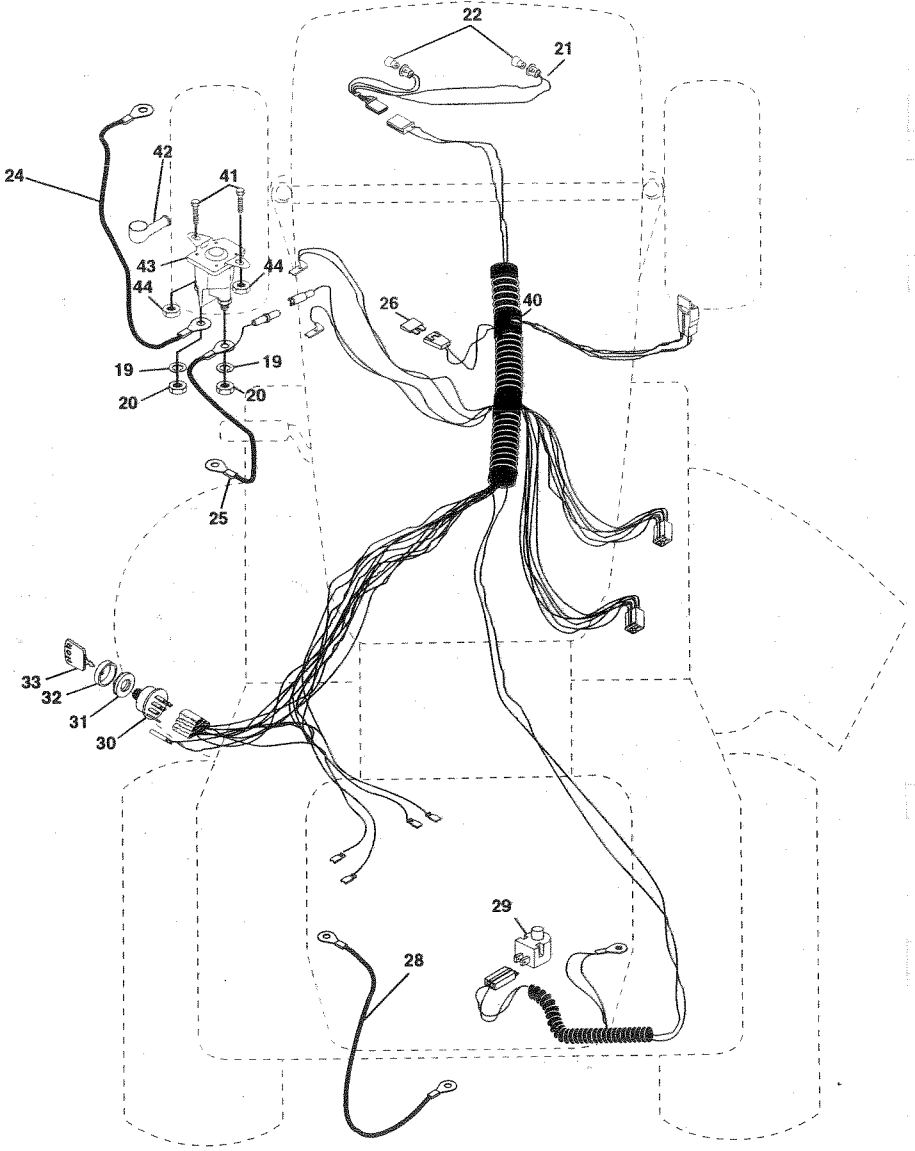
### PINCES ISOLÉES

REMARQUE: SI LES PINCES ISOLÉES ONT ÉTÉ ENLEVÉES POUR L'ENTRETIEN DU MODÈLE, ELLES DOIVENT ÊTRE REMISES EN PLACE POUR ASSURER LE BON FONCTIONNEMENT DU CÂBLAGE.

# REPAIR PARTS

TRACTOR - - MODEL NUMBER 917.270611

## ELECTRICAL



# TRACTOR -- MODEL NUMBER 917.270611

## ELECTRICAL

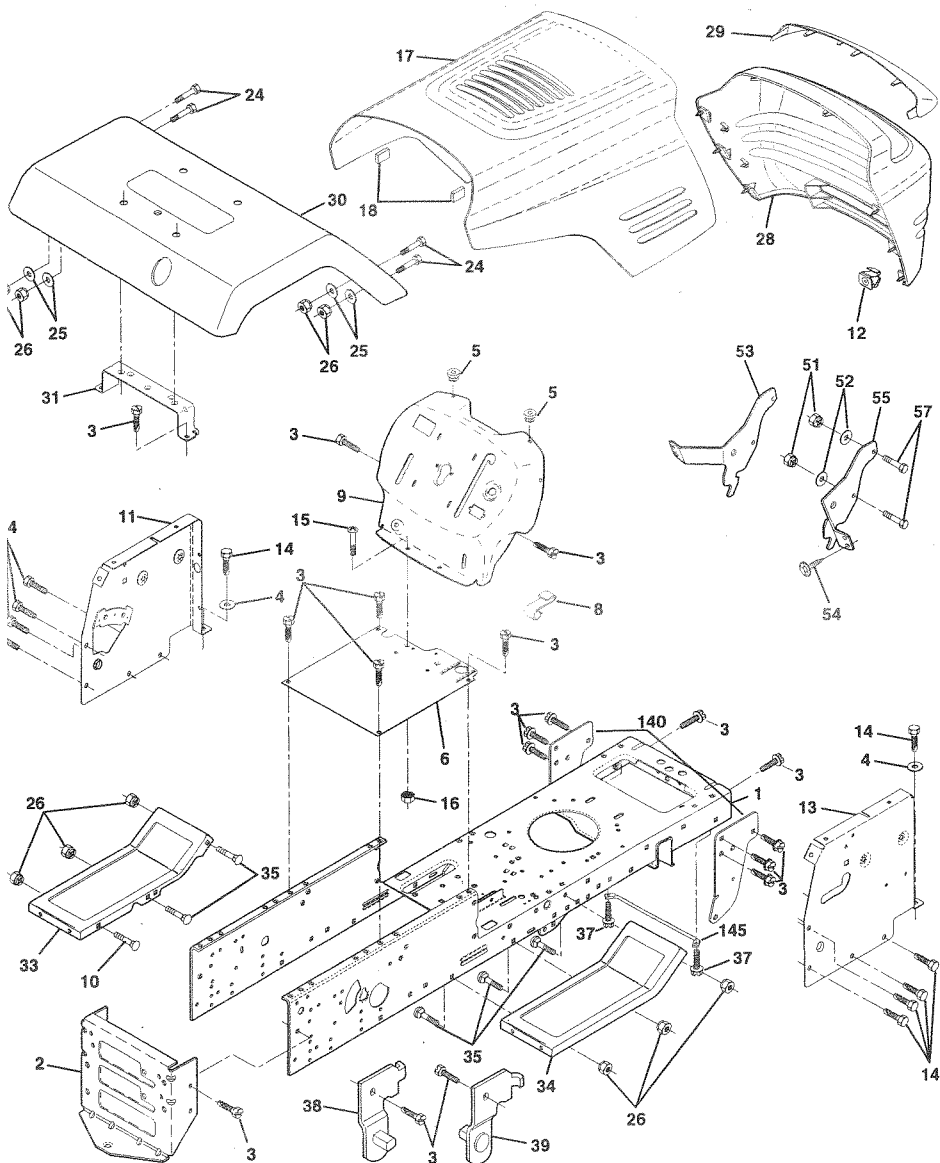
KEY NO.	PART NO.	DESCRIPTION
1	144925	Battery 12 VOLT 25 AMP
2	74760412	Bolt Hex Hd 1/4-20unc x 3/4
3	STD551025	Washer 9/32 x 5/8 x 16 Ga
4	STD551125	Washer Lock Hvy Helical 1/4
6	STD541025	Nut Fin Hex 1/4-20 Unc
8	156417	Case Battery
16	153664	Switch, Interlock Push-In
19	STD551125	Washer Lock 1/4
20	73350400	Nut Jam Hex 1/4-20 Unc
21	147430	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	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
31	124211X	Nut Ignition
32	141226	Cover Sw Key Blk 1 25 Text SLT
33	109310X	Key Ign Molded Craftsman
40	156442	Harness Ign Man Cl Am Hm 97
41	71110408	Bolt Blk. Fin Hex 1/4-20 Unc x 1/2
42	131563	Cover Terminal Red
43	145673	Solenoid
44	73640400	Nut Keys Blk Hex 1/4-20 Unc
45	121433X	Ammeter Rectangular 6 Amp
52	141940	Protection Wire Loop
70	140422	Harness Engine B&S 14 OHV

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

# TRACTOR - - MODEL NUMBER 917.270611

## HASSIS AND ENCLOSURES

10/11/12



# TRACTOR -- MODEL NUMBER 917.270611

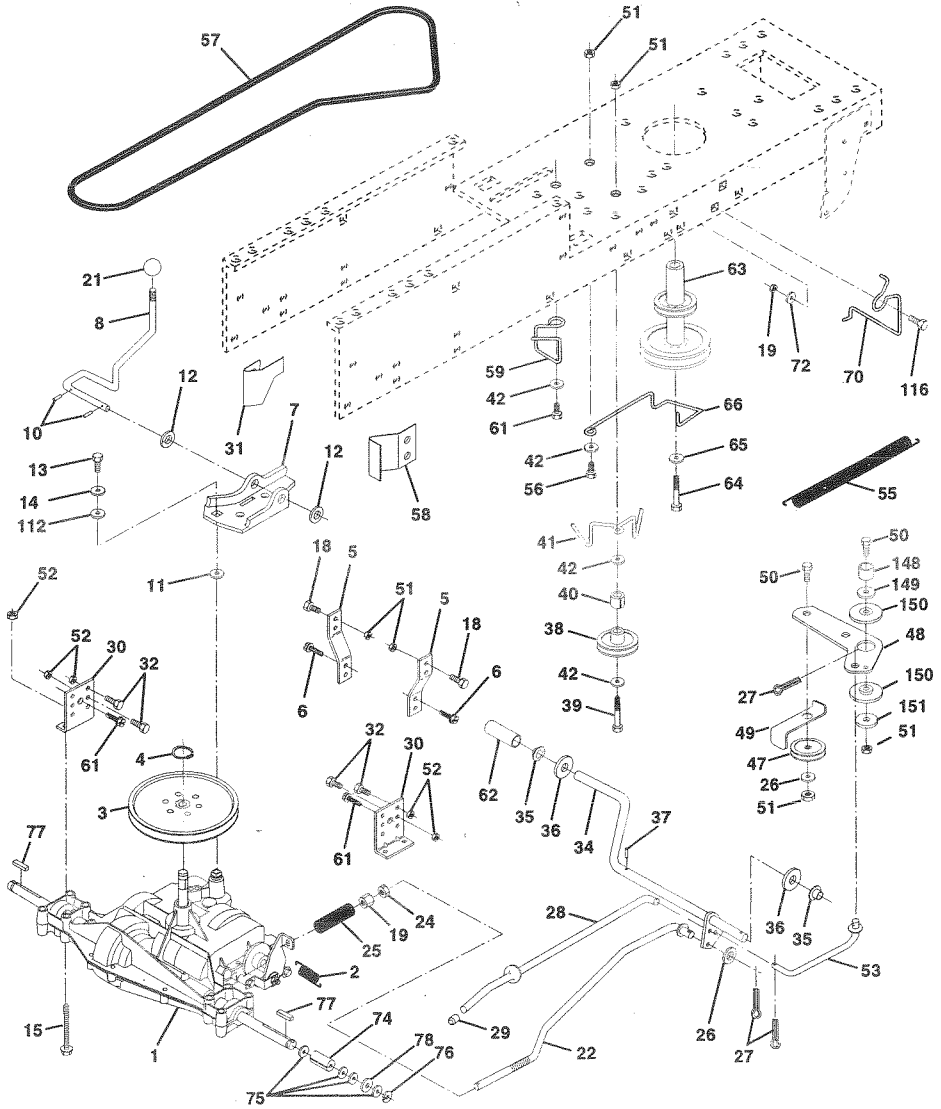
## HASSIS AND ENCLOSURES

KEY NO.	PART NO.	DESCRIPTION
1	160393	Chassis Assembly
2	140356	Drawbar
3	17490612	Screw, Thd. Roll. 3/8-16 x 3/4
4	STD551025	Washer 13/32 x 3/4 x 16 Gauge
5	155272	Bumper Hood/Dash
6	155924X015	Saddle
8	155138	Clip Retainer Slide-On
9	161938X013	Dash
10	STD533710	Bolt, Carriage 3/8-16 x 3/4
11	155927	Panel, Dash, L.H.
12	145660	Clip Tinnerman Grille P/L
13	155934X010	Panel, Asm. SLKSCR Dash R.H.
14	17490608	Screw Thdrol 3/8-16 x 1/2
15	74180512	Screw, Machine, Truss Head 5/16-18 UNC x 3/4
16	STD541431	Nut
17	144983X558	Hood Assembly
18	126938X	Bumper Hood
24	STD523710	Bolt
25	19131312	Washer 13/32 x 13/16 x 12 Gauge
26	STD541437	Nut
28	145198X558	Grille w/Clips MS-558
29	155217	Lens, Grille
30	157584X558	Fender
31	136619	Bracket, Fender Support
33	145244X558	Footrest, L.H.
34	145243X55	Footrest, R.H.
35	STD533707	Bolt
37	17490508	Screw Thdrol 5/16-18 x 1/2 TYT
38	139886	Pivot Bracket Assembly, L.H.
39	139887	Pivot Bracket Assembly, R.H.
51	73800400	Nut Lock w/Insert 1/4-20 UNC
52	19091416	Washer 9/32 x 7/8 x 16 Ga.
53	145201	Bracket Grille Pickoff LH
54	161464	Screw Hex WSHD 8-18 x 7/8
55	145202	Bracket Grille Pickoff RH
57	STD522507	Bolt, Fin Hex 1/4-20 UNC x .75
140	158418	Bracket Front Suspension
145	156524	Rod Pivot Chassis/Hood
--	5479J	Plug, Button

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# TRACTOR -- MODEL NUMBER 917.270611

## GROUND DRIVE



# TRACTOR - - MODEL NUMBER 917.270611

## ROUND DRIVE

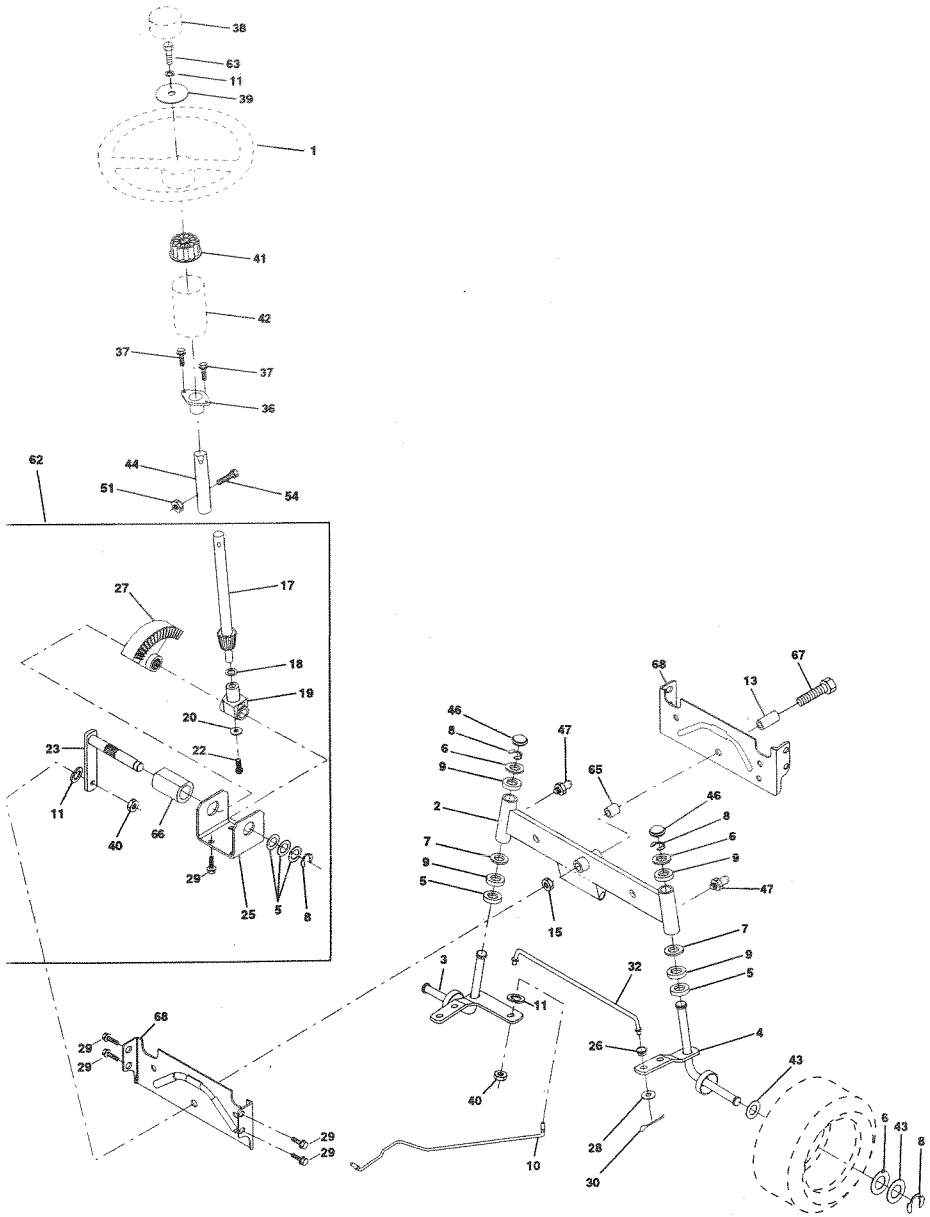
QTY	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	-----	Transaxle (See Breakdown)	42	19131312	Washer 13/32 x 13/16 x 12 Ga
		Dana Model 4360-113	47	127783	Pulley Idler V Groove Plastic
2	146682	Spring Return Brake T/a Zinc	48	154407	Bellcrank Clutch Gm Drv Stl
3	123666X	Pulley Transaxle 18/20" tires	49	123205X	Retainer Belt Style Spring
4	12000028	Ring Retainer # 5100-62	50	STD523715	Bolt Hex Hd 3/8-16unc x 1-1/2
5	121520X	Strap Torque 30 Degrees	51	STD541437	Nut Crownlock 3/8-16 UNC
6	17490512	Screw Thdrol 5/16-18 x 3/4 TYT	52	STD541431	Nut Crown Lock 5/16-18
7	162240	Bracket Saddle Shift T/a	53	105710X	Link Clutch 7 66
8	131679	Rod Shf Sdl LY/YT Str Blk Zinc	55	105709X	Spring Return Clutch 6 75
0	STD561210	Pin Cotter 1/8 x 1 Cad	56	STD523712	Bolt Fin Hex 3/8-16 unc x 1-1/4
1	105701X	Washer Plate Shf 388 Sq Hole	57	130801	V-Belt Gd Drive 95 25
2	19151216	Washer 15/32 x 3/4 x 16ga	58	127274X	Keeper Belt RH LT Pnt/zinc 16g
3	74550412	Bolt 1/4-28unf Gr8 W/Patch	59	140312	Keeper Belt Centerspan
4	STD551125	Washer Lock Hvy Helical 1/4	61	17490612	Screw Thdrol 3/8-16 x 3/4 Ty-tt
5	74490544	Bolt Hex FLGHD 5/16-18Gr.5	62	8883R	Cover Pedal Blk Round
8	STD523710	Bolt Fin Hex	63	140186	Pulley Eng Cl Mech 38deg
9	STD541437	Nut Lock Hex W/Ins. 3/8-16 Unc	64	71170764	Bolt Hex 7/16-20 x 4 Gr 5
1	106933X	Knob Rd 1/2-13 Plstc Thds Blk	65	STD551143	Washer Lock Hvy Hlcl Spr 7/16
2	130804	Rod Brake Blk Zinc 26 840	66	154778	Keeper Belt Engine
4	STD541237	Nut Hex Jam 3/8-16 Unc	70	134683	Guide Belt Mower Drive RH
5	106888X	Spring Rod Brake 2 00 Zinc	72	19132012	Washer 13/32 x 1-1/4 x 12 Ga
6	STD551037	Washer 13/32 x 13/16 x 16 Ga	74	109502X	Spacer Axle
7	STD561210	Pin Cotter 1/8 x 3/4 Cad	75	121749X	Washer 25/32 x 1 1/4 x 16 Ga
8	145204	Rod Brake Parking Lt/Yt	76	STD581075	E-ring #5133-75
9	124236X	Cap Brake Parking Red	77	123583X	Key Square 2 0 x 1845/ 1865
0	130807	Bracket Mig Transaxle	78	121748X	Washer 25/32 x 1-5/8 x 16ga
1	127275X	Keeper Belt LH LT 14 Ga	112	19091210	Washer 9/32 x 3/4 x 10 Ga
2	STD523107	Bolt Hex Hd 5/16-18unc x 3/4	116	72110610	Bolt Rdhd Sq Neck 3/8-16 x 1.25
4	155071	Shaft Asm Pedal Foot	148	159103	Spacer
5	120183X	Bearing Nylon Blk 629 Id	149	122935	Spacer Retainer PM Mower
6	STD551062	Washer 21/32 x 1 x 16 Ga	150	150935	Bushing Nylon Collered
7	STD571810	Pin Roll 3/16 x 1"	151	19133210	Washer 13/32 x 2 x 10 Ga
8	123674X	Pulley Idler Flat			
9	STD523727	Bolt Fin Hex 3/8-16unc x 2-3/4			
0	4470J	Spacer Split 395 x 59 Bzp			
1	154777	Keeper Belt Idler			

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



# TRACTOR -- MODEL NUMBER 917.270611

## STEERING ASSEMBLY



# TRACTOR -- MODEL NUMBER 917.270611

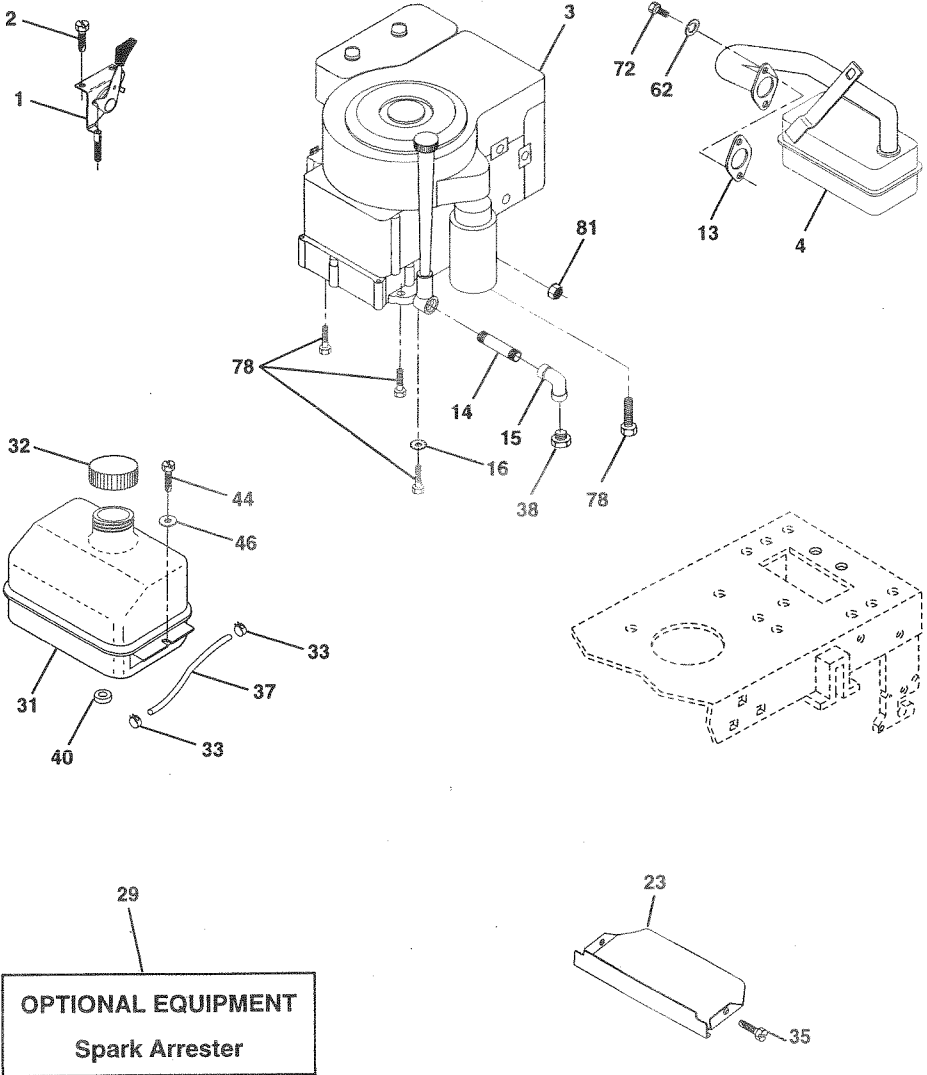
## STEERING ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION
1	139768	Steering Wheel
2	154427	Front Axle Assembly
3	156483	Spindle Assembly, L.H.
4	157473	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	156438	Link, Drag
11	STD551137	Washer, Lock
13	154779	Spacer, Bearing, Front Axle
15	73901000	Nut, Lock, Flange 5/8-11 UNC
17	156546	Shaft Assembly, Steering
18	57079	Washer, Thrust .515 x .750 x .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	Pittman Shaft Assembly
25	154406	Bracket, Steering
26	126847X	Bushing, Link, Drag
27	136874	Gear, Sector
28	19131416	Washer 13/32 x 7/8 x 16 Gauge
29	17490612	Screw, Thd., Roll. 3/8-16 x 3/4
30	STD561210	Pin
32	130465	Rod, Tie
36	155099	Bushing, Steering
37	152927	Screw TT #10-32 x 5 x 3/8 Flange
38	139769	Cap Wheel Steer OPP Blk
39	19133808	Washer 13/32 x 2-3/8 x 8 Gauge
40	STD541537	Gripco Nut
41	100711L	Adaptor, Steering Wheel
42	145054	Boot, Steering Dash P/L Mtl Blk
43	121749X	Washer 25/32 x 1-1/4 x 16 Gauge
44	153720	Extension Steering Non-Adjust
46	121232X	Cap, Spindle
47	6855M	Fitting, Grease
51	STD541431	Nut Lock Hx W/Ins 5/16-18 UNC
54	STD523112	Bolt Fin Hex 5/16-18 UNC x 1-1/4
62	156594	Kit, Steering Assembly, Service
63	74780616	Bolt Fin Hex 3/8-16 unc. x 1 Gr. 5
65	154780	Spacer Axle
66	154404	Bearing Arm Pittman
67	74781044	Bolt Fin Hex 5/8-11unc x 2-3/4
68	154429	Brace Axle

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## ENGINE



# TRACTOR -- MODEL NUMBER 917.270611

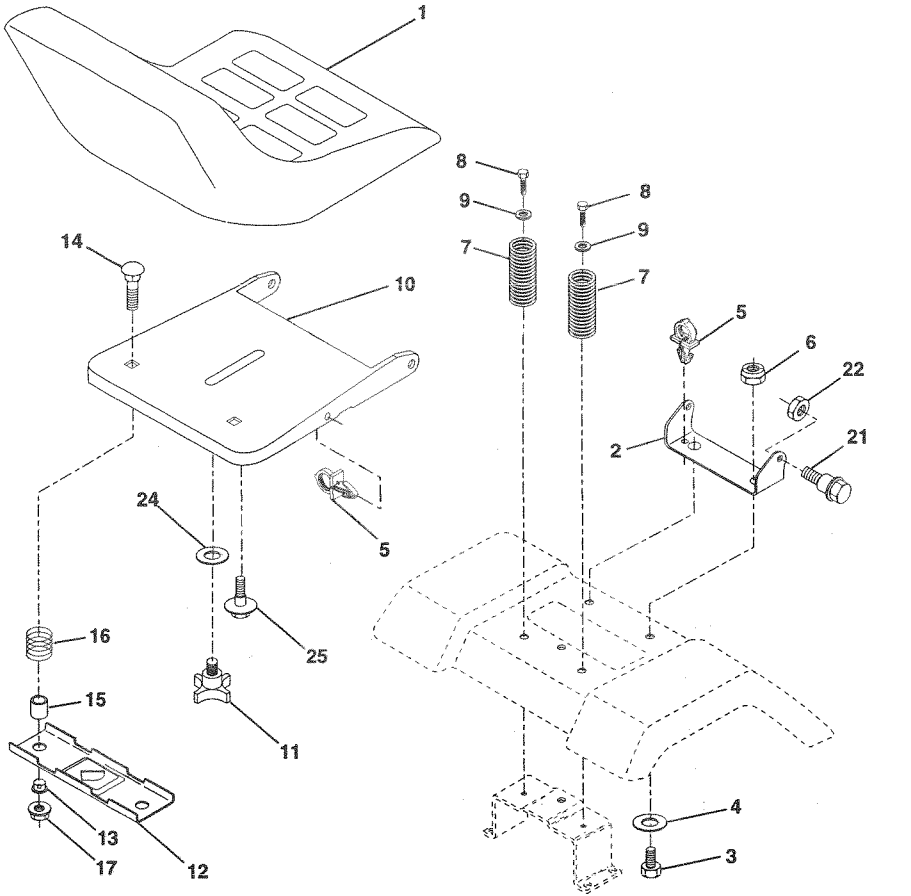
## ENGINE

KEY NO.	PART NO.	DESCRIPTION
1	162157	Control Throt /Ch Lh
2	17720410	Screw Hex Thd Cut 1/4-20x5/8 T
3	-----	Engine (See Breakdown) B&S Model 28U707-1174-E1
4	137352	Muffler Exhaust B&S Lt
13	272293	Gasket 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	STD551237	Washer Lock Ext Tooth 3/8
23	159880	Shield Browning/Debris Guard
29	137180	Arrestor Spark
31	109202X	Tank Fuel 1 25 Fr
32	158990	Cap Asm Fuel Sears Vented
33	123487X	Clamp Hose Blk
35	17490512	Screw, Thdrol 5/16-18 x 3/4 Tyt
37	137040	Line Fuel 20"
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 16ga
62	STD551131	Washer Lock Hvy Hlcl Spr 5/16
72	71070512	Screw Hexhd Cap 5/16-18x3/4
78	17490620	Screw Thdrol 3/8-16x1-1/4 Tytt
81	128861	Nut Flange 1/4-20 Starter Nut

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# TRACTOR -- MODEL NUMBER 917.270611

## SEAT ASSEMBLY

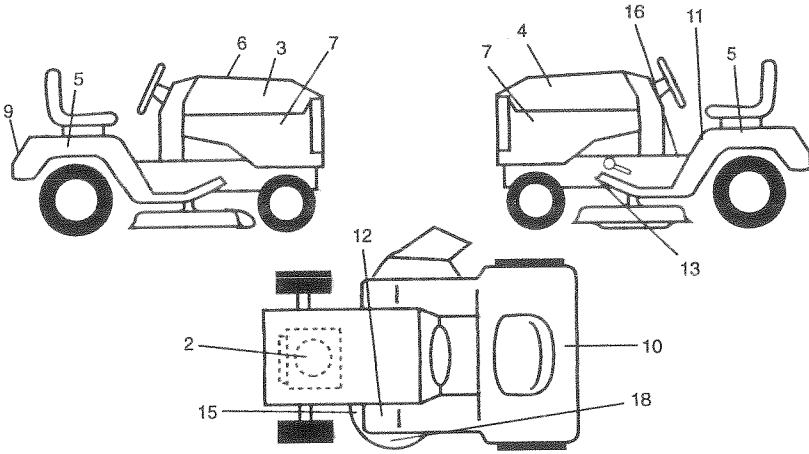


KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	140122	Seat 3350 Blk/blk Craftsman	12	121246X	Bracket Pnt Mounting Switch
2	140551	Bracket Pnt Pivot Seat (blk)	13	121248X	Bushing Snap Blk Nyl 50 Id
3	STD523710	Bolt Fin Hex 3/8-16unc X 1	14	72050412	Bolt Rdhd Sht Nk 1/4-20x1-1/2
4	19131610	Washer 13/32 X 3/4 X 10 Ga	15	134300	Spacer Split 28 X 96 Zinc
5	145006	Clip Push In Hinged	16	121250X	Spring Cprsn 1 27 Blk Pnt
6	STD541437	Nut Hex Lock w/Ins 3/8-16 Unc	17	123976X	Nut Lock 1/4 Lge Flg Gr 5 Zinc
7	124181X	Spring Seat Cprsn 2 250 Blk Zi	21	153236	Bolt Shoulder 5/16-18 Unc-2A
8	17490616	Screw Thdrol 3/8-16 X 1 Ty-tt	22	STD541431	Nut Hex Lock w/Ins 5/16-18
9	19131614	Washer 13/32 X 1 X 14 Ga	24	19171912	Washer 17/32 X 1-3/16 X 12 Ga.
10	155925	Pan Pnt Seat (blk)	25	127018X	Bolt Shoulder 5/16-18 X 62
11	120068X	Knob Seat 1/2-13 Unc Blk			

**NOTE:** All component dimensions given in U.S. inches  
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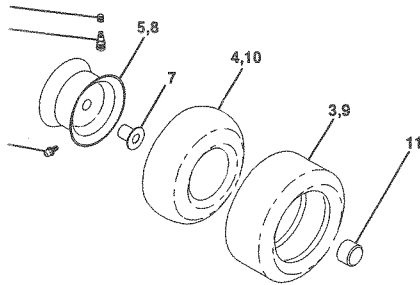
# TRACTOR -- MODEL NUMBER 917.270611

ALS



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
	273303	Decal, Engine Hp	12	4900J	Decal, Clutch/brake Eng
	163200	Decal, Hood Rh Craftsman	13	146046	Decal, V-belt Dr Sch Tractor
	163202	Decal, Hood Lh Craftsman	15	160396	Decal, Mower Drive Schematic
	133644	Decal, Maint Customer Sears Dom	16	156867	Decal, Oper Sdl P/L Gear Dr
	163250	Decal, Panel Side	18	163203	Decal, Mower EZ3 Mulching Sears
	163209	Decal, Fender Sd Wht 6/42"	--	138311	Decal, Lift Handle
	163204	Decal, Fender Craftsman Wht	--	157719	Pad, Footrest Rbr Sq Gen. 97
	149516	Decal, Btry Dngr/Psn Eng	--	163278	Manual, Owner's (English)
	156439	Decal, Fender Dan. Sears E/S	--	163279	Manual, Owner's (Spanish)

## WHEELS & TIRES

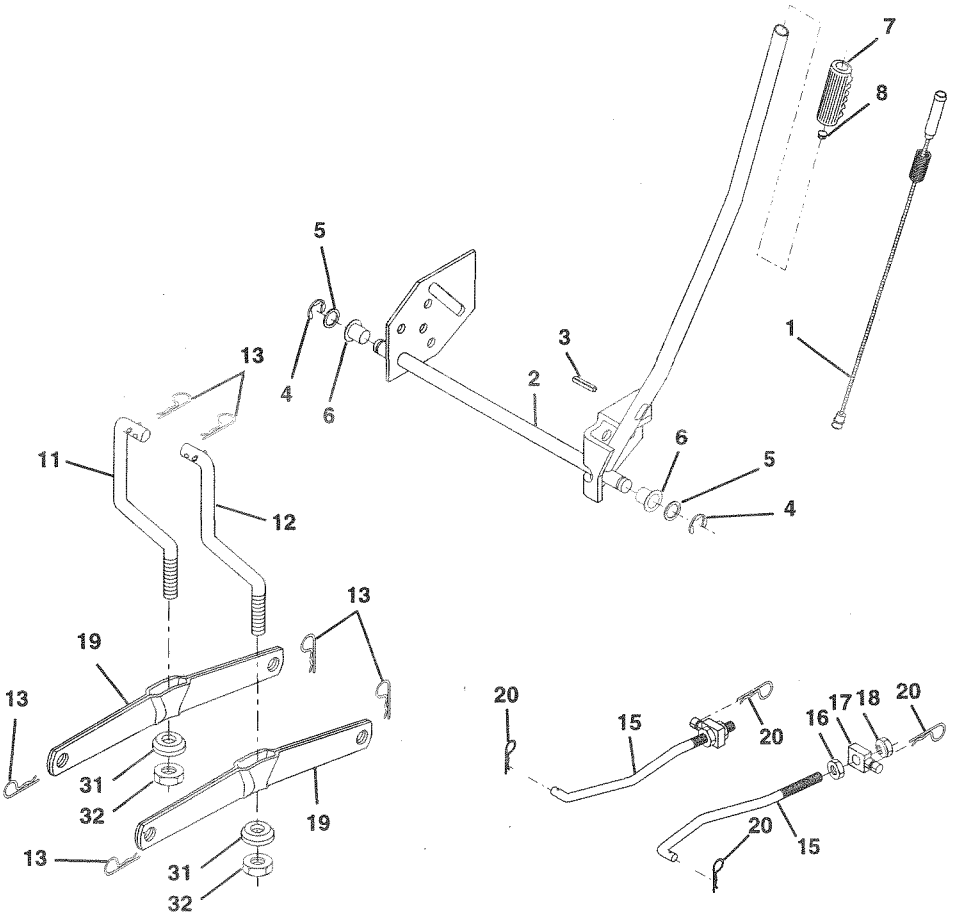


KEY NO.	PART NO.	DESCRIPTION
1	59192	Cap Value Tire
2	65139	Stem Value
3	106222X	Tire F Ts 15 X 6 0 - 6 Service
4	59904	Tube Inner Front #35060
5	106732X427	Rim Asm 6"front White Service
6	278H	Fitting Grease
7	9040H	Bearing Flange
8	106108X427	Rim Asm 8"rear White Service
9	106268X	Tire R Ts 18x9 5-8 Service
10	7152J	Tube Rear 9 5 X 8 Service
11	104757X	Cap Axle Blk 1 50 X 1 00
--	144334	Sealant, Tire (10 oz. tube)

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## LIFT ASSEMBLY



# TRACTOR - - MODEL NUMBER 917.270611

## FT ASSEMBLY

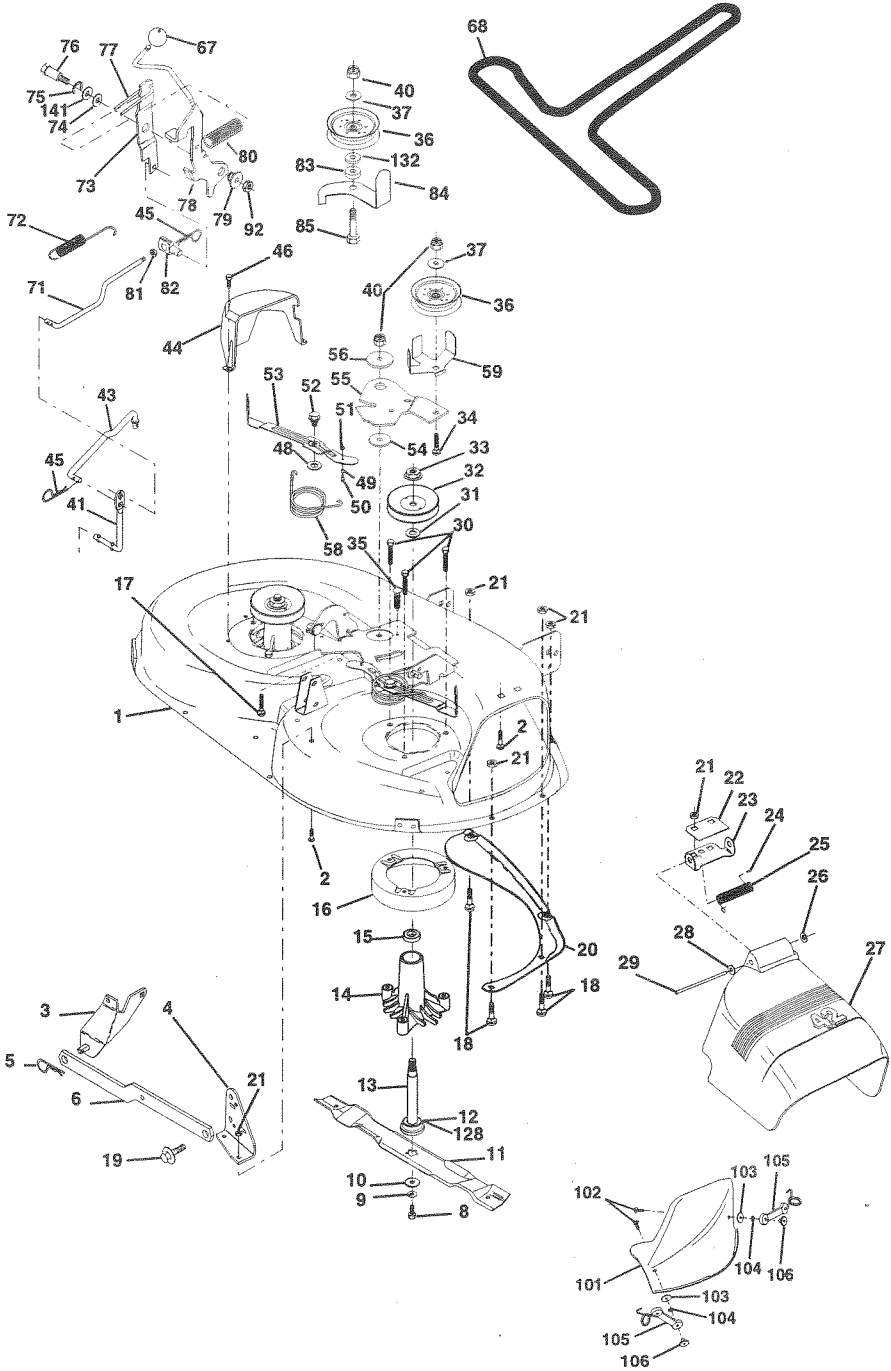
KEY NO.	PART NO.	DESCRIPTION
1	159460	Washer Asm Inner Spring W/Plunger
2	159471	Shaft Asm. Lift
3	105767X	Pin Groove
4	12000002	E Ring #5133-62
5	19211621	Washer 21/32 x 1 x 21 Ga.
6	120183X	Bearing Nylon
7	125631X	Grip Handle Fluted
8	122365X	Button Plunger Read
11	139865	Link Asm Lift L.H.
12	139866	Link Asm Lift R.H.
13	STD624008	Retainer Spring
15	127218	Link Front
16	73350800	Nut Jam Hex 1/2-13 Unc
17	130171	Trunnion Blk Zinc
18	73800800	Nut Lock W/Wsh 1/2-13 Unc
19	139868	Arm Suspension Mower
20	STD624008	Retainer Spring
31	140302	Bearing, Pvt. Lift. Spherical
32	73540600	Nut Crownlock 3/8-24

**NOTE:** All component dimensions given in U.S. inches  
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## MOWER DECK



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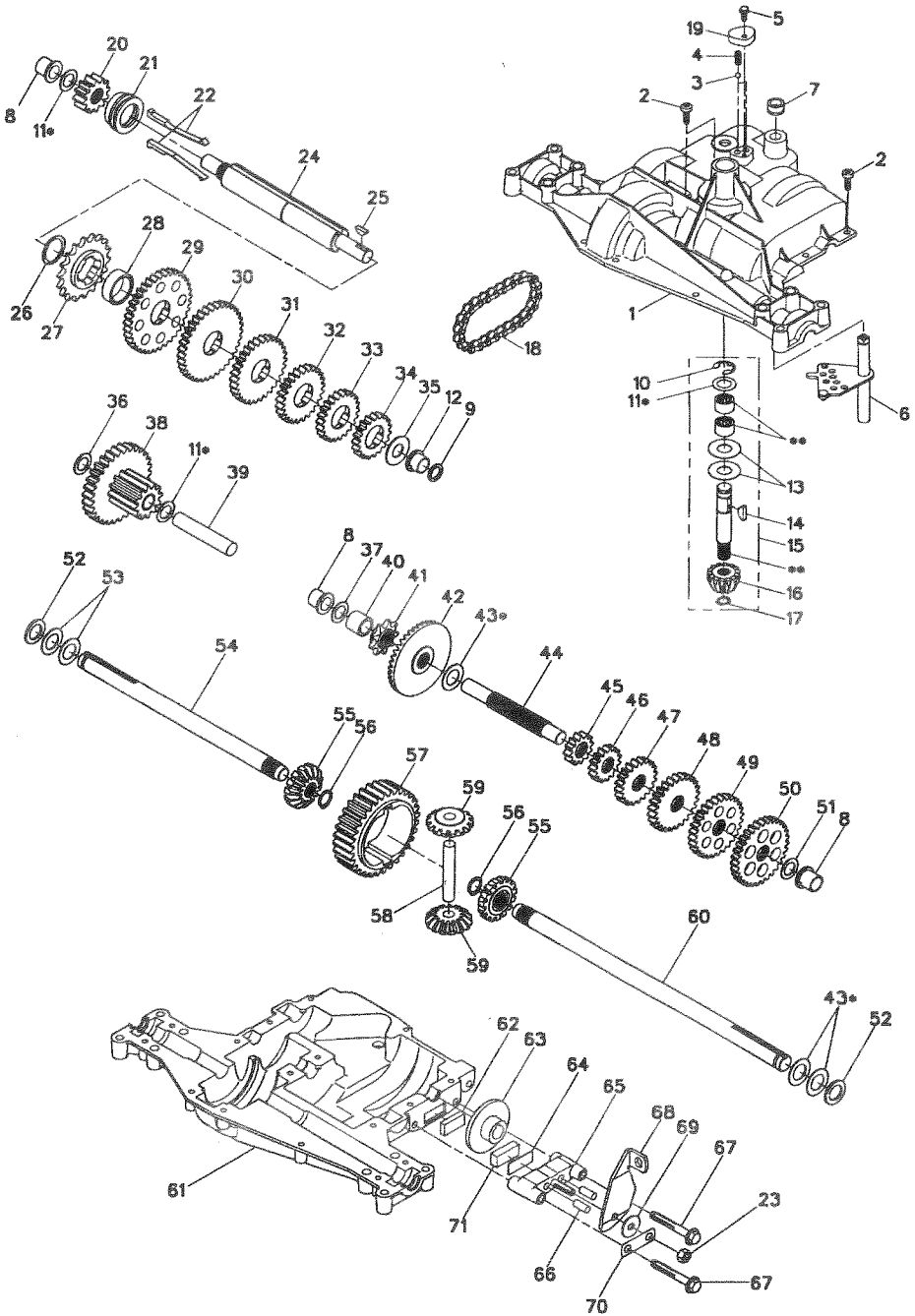
## OWER DECK

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	144393	Mower Housing	51	STD541410	Locknut
2	STD533107	Bolt	52	139888	Boit, Shoulder 5/16-18 UNC
3	138017	Bracket Assembly,Sway Bar, Front	53	131845X900	Arm Assembly, Pad, Brake
4	138440	Bracket Assembly, Sway Bar	54	133943	Washer, Hardened
5	STD624008	Retainer Spring	55	155046	Arm, Idler
6	130832	Arm, Suspension, Rear	56	122052X	Spacer, Retainer
8	850857	Bolt, Hex 3/8-24 x 1.25 Gr. 8	58	140086	Spring, Torsion Brakes 42"
9	STD551137	Washer, Lock	59	141043	Guard, Tuv Idler (94)
0	140296	Washer, Hardened	67	162113	Knob Custom Oval
1	134149	Blade, Mulching	68	144200	V-Belt
2	129895	Bearing, Ball	71	142427	Rod, Clutch, Primary, with Nibs
3	137645	Shaft Assembly, Mandrel, Vented (incl. Key Number 6)	72	131870	Spring, Return
4	128774	Housing, Mandrel, Vented	73	127847	Arm, Clutch, Secondary
5	110485X	Bearing, Ball, Mandrel	74	121748X	Washer 25/32 x 1-5/8 x 16 Ga.
6	140329	Stripper, Vented Mower Deck	75	12000029	Ring, Klip
7	72110610	Bolt, Carriage 3/8-16 x 2-1/4	76	128903	Bolt, Shoulder 3/8-16 UNC x 1.44
8	STD533106	Bolt, Carriage 5/16-18 x 5/8	77	127845	Keeper, Spring
9	132827	Bolt, Shoulder	78	160570	Arm, Clutch, Primary
0	159770	Baffle, Vortex	79	127498	Bushing, Large, Brass
1	STD541431	Nut, Crownlock 5/16-18 UNC	80	153701	Spring, Mower Clutch
2	134753	Stiffener Bracket	81	STD541237	Nut, Hex Jam 3/8-16 UNC
3	131267	Bracket, Deflector	82	142028	Trunnion Adj. 94
4	105304X	Cap, Sleeve	83	120958X	Washer Sintered
5	123713X	Spring, Torsion, Deflector	84	156084	Keeper Belt Idler
6	110452X	Nut, Push	85	72140618	Bolt Carriage 3/8-16 x 2-1/4
7	130968	Shield, Deflector	92	STD541437	Locknut, Hex W/Wsh 3/8-16 UNC
8	19111016	Washer 11/32 x 5/8 x 16 Ga.	101	136420	Cover Mulching 42" Black
9	131491	Rod, Hinge	102	71161010	Screw Truss Head Phil 10-24 x 5/8
0	157722	Screw Thdrol Rolling Wsh Hd	103	19061216	Washer #10
1	129963	Washer, Spacer	104	10071000	Washer Lock #10
2	153535	Pulley, Mandrel	105	160793	Latch Asm Bagger
3	137266	Nut, Toplock, Flanged	106	2029J	Nut Weld
4	STD533717	Bolt	128	153390	Washer Felt
5	133835	Fastner, Christmas Tree	132	19132203	Washer 13/32 x 1-3/8 x 3 Ga.
6	131494	Pulley, Idler, Flat	141	6266H	Washer Thrust .75 x 1.230
7	STD551037	Washer 13/32 x 13/16 x 16 Ga.	--	130794	Mandrel Assembly (Includes Key Numbers 8-10, 12-15, 31 and 32)
8	STD541437	Nut, Crownlock 3/8-16 UNC	--	145411	Mower Deck, Complete (Std deck - order separately mulcher plate components key nos. 101-106)
9	133551	Rod, Pivot, with Nibs			
0	140083	Rod, Clutch, Secondary, w/Nibs			
1	140088	Guard, Mandrel, L.H.			
2	STD624003	Retainer			
3	137729	Screw, Thd. Roll 1/4-20 x 5/8			
4	133944	Washer, Hardened			
5	155066	Roller Assembly, Cam Follower			
6	131340	Bolt, Shoulder #10-24 Grade 5			

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

TRACTOR - - MODEL NUMBER 917.270611

DANA TRANSAXLE - - MODEL NUMBER 4360-113



# TRACTOR - - MODEL NUMBER 917.270611

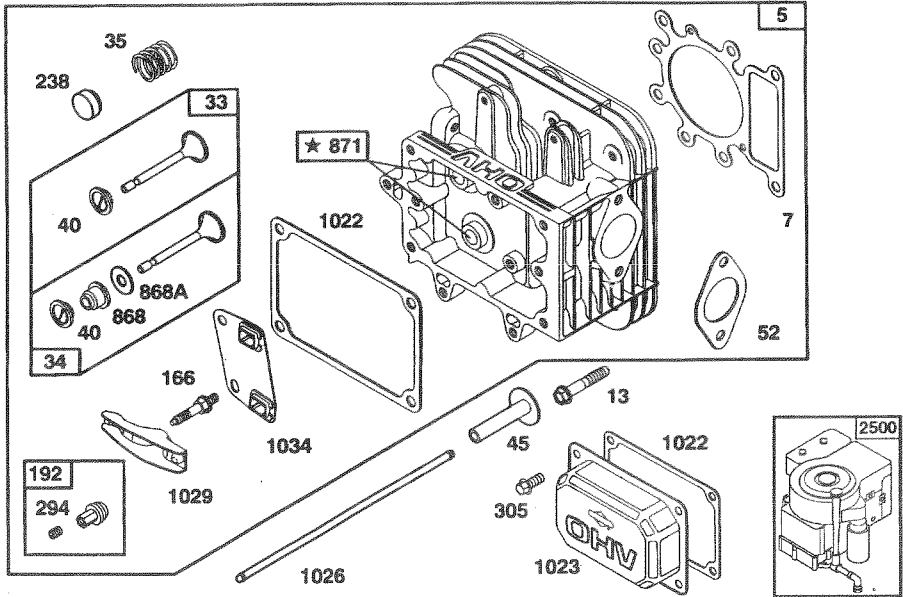
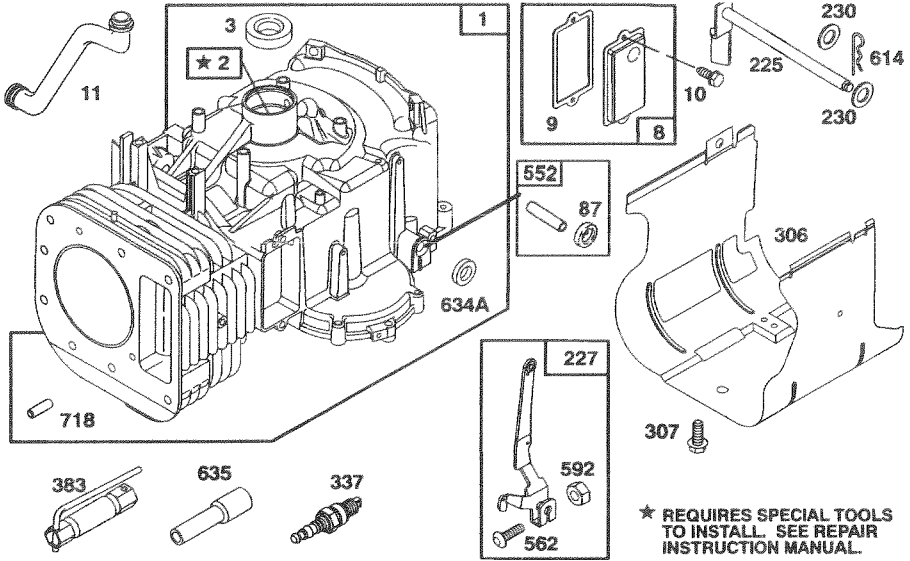
## ANA TRANSAXLE - - MODEL NUMBER 4360-113

QTY	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	160939	Housing, Upper	40	120472X	Spacer, .633 X .87 X .755
2	2274J	Screw, Tapping, 1/4-20 X .734	41	105928X	Sprocket, 9T
3	134400	Ball, Detent	42	110084X	Gear, Bevel, 42T
4	105904X	Spring, Detent	43	134394*	Assy, Kit, Shim, .750 Shaft
5	160940	Screw, Tapping, No. 10-24 X .482	44	120473X	Shaft, Drive
6	138235	Assy, Shifter	45	142678	Gear, Spur, 12T
7	108727X	V-Ring	46	143697	Gear, Spur, 15T
8	148266	Bearing, Flange	47	124641X	Gear, Spur, 20T
9	148269	Seal, Oil	48	106589X	Gear, Spur, 25T
0	2225J	Ring, Retaining	49	120408X	Gear, Spur, 28T
11	134793*	Assy, Kit, Shim, .625 Shaft	50	105937X	Gear, Spur, 31T
2	148268	Bearing, Flange	51	2226J	Washer, Plain, .632 X 1.00 X .060
3	120415X	Washer, Plain, .632 X 1.38 X .046	52	134401	Washer, Neoprene
4	142674	Key, Woodruff, No. 9	53	2264J	Washer, Plain, .758X 1.25X .031
5	138234	Assy, Kit, Input Shaft	54	160946	Axle, LH
6	110078X	Pinion, Bevel, 14T	55	110081X	Gear, Miter, 15T
7	105909X	Ring, Retaining	56	160948	Ring, Retaining
8	105910X	Chain, 24 Pitches	57	110071X	Gear, Spur, 32T
9	160942	Cover, Detent	58	120952X	Shaft, Cross
0	160943	Gear, Spur, 12T	59	110082X	Gear, Miter, 15T
1	148267	Collar, Clutch	60	160950	Axle, RH
2	138236	Assy, Kit, Clutch Keys	61	142680	Housing, Lower
3	73810500	Nut, Lock, 5/16-24	62	120961X	Puck, Friction
4	142676	Shaft, Intermediate	63	7294J	Disc, Brake
5	2244J	Key, Woodruff, No. 61	64	108989X	Spacer, Brake Puck
6	105916X	Ring, Retaining	65	160952	Jaw, Brake
7	120470X	Sprocket, 18T	66	120954X	Pin, Dowel
8	110070X	Spacer, 1.131 X 1.45 X .494	67	160953	Screw, Tapping, 5/16-18 X 2.35
9	142677	Gear, Spur, 37T	68	138244	Lever, Actuating
0	142681	Gear, Spur, 35T	69	108996X	Washer, Plain, .321 X 1.00 X .055
1	124644X	Gear, Spur, 30T	70	160954	Bracket, Anti-Rotation
2	108980X	Gear, Spur, 25T	71	120951X	Puck, Friction
3	120406X	Gear, Spur, 22T	72	120416X	Grease
4	134796	Gear, Spur 19T			
5	105925X	Washer, Plain, .640 X 1.37 X .061			
6	2228J	Washer, Plain, .632 X 1.00 X .046			
7	2231J	Washer, Plain, .632 X 1.00 X .031			
8	160944	Assy, Gear, Comb., 12T & 30T			
9	124639X	Shaft, Idler			

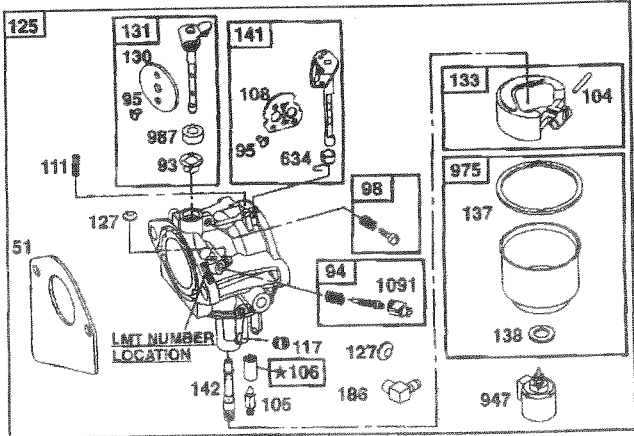
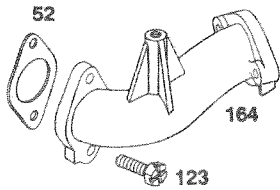
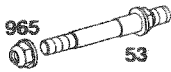
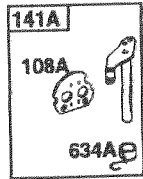
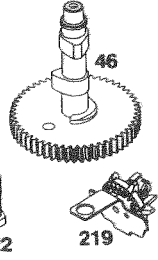
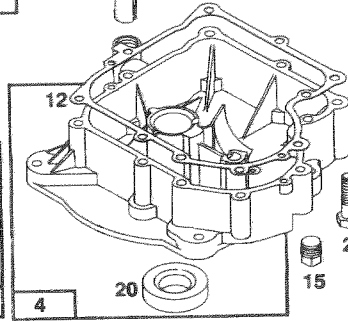
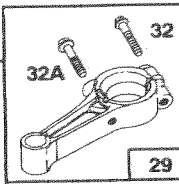
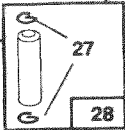
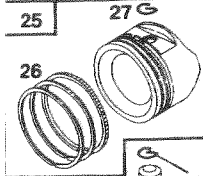
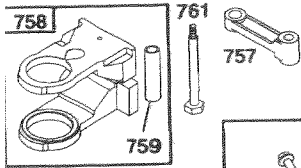
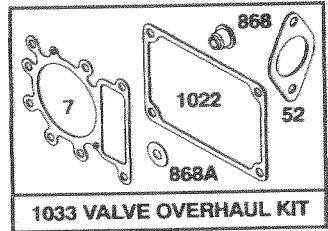
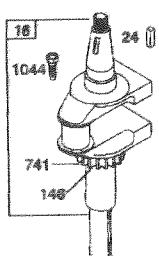
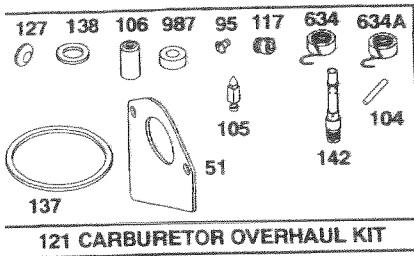
NOTE: All component dimensions given in U.S. inches  
1 inch = 25.4 mm

TRACTOR - - MODEL NUMBER 917.917.270611

BRIGGS & STRATTON ENGINE-MODEL NUMBER 28U707, TYPE NUMBER 1174-E1

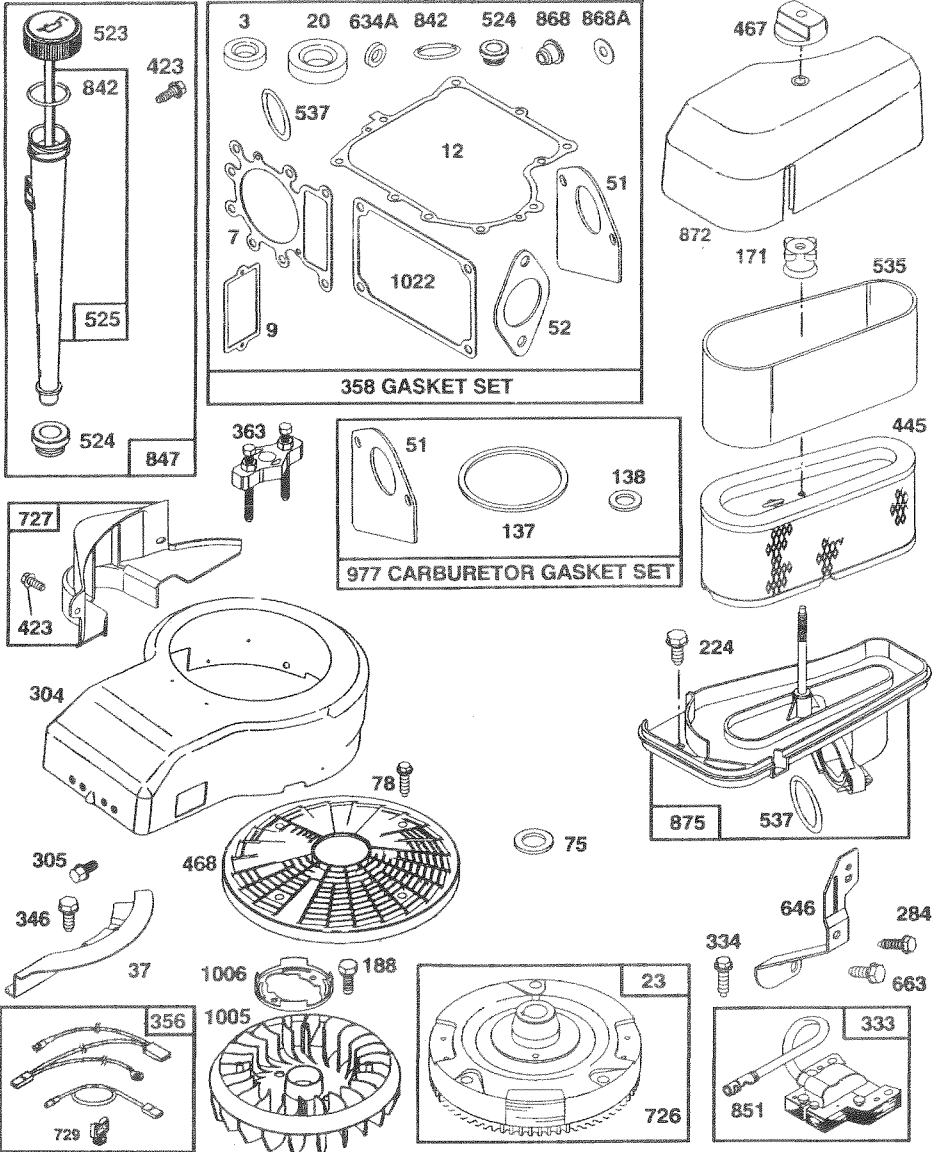


**TRACTOR -- MODEL NUMBER 917.270611**  
**RIGGS & STRATTON ENGINE-MODEL NUMBER 28U707, TYPE NUMBER 1174-E1**

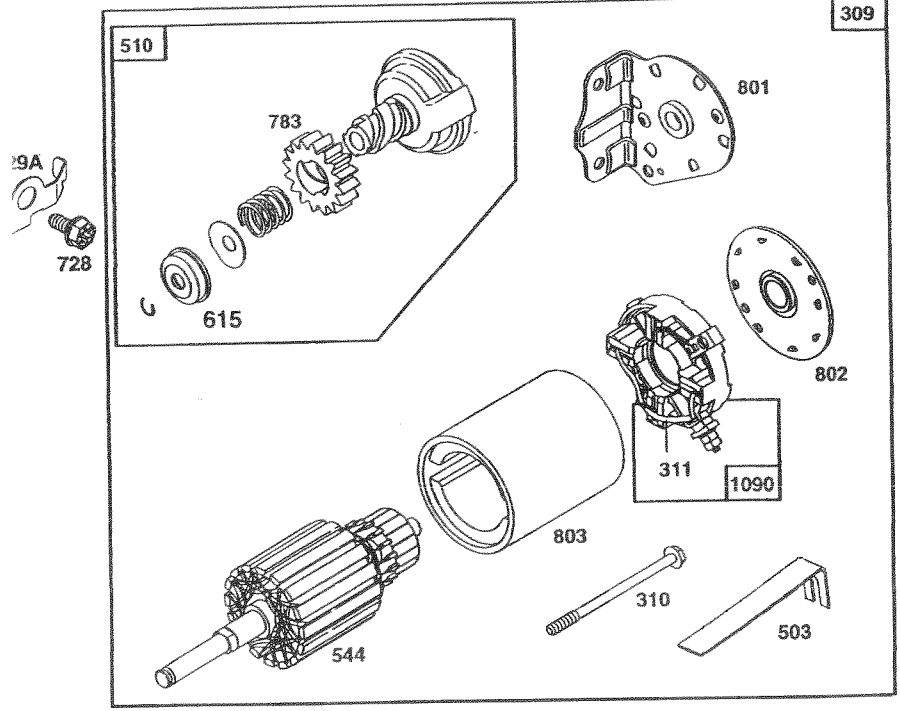
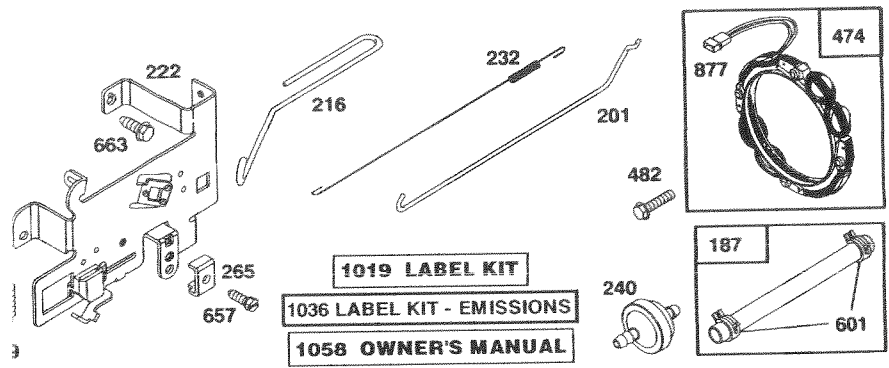


★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

**TRACTOR - - MODEL NUMBER 917.917.270611**  
**BRIGGS & STRATTON ENGINE-MODEL NUMBER 28U707, TYPE NUMBER 1174-E1**



**TRACTOR - - MODEL NUMBER 917.917.270611**  
**IGGS & STRATTON ENGINE-MODEL NUMBER 28U707, TYPE NUMBER 1174-E1**





# TRACTOR - - MODEL NUMBER 917.917.270611

## BRIGGS & STRATTON ENGINE-MODEL NUMBER 28U707, TYPE NUMBER 1174-E1

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	496412	Cylinder Assembly	93	281346	Bushing, Throttle Shaft
2	399265	Bearing, Cylinder	94	498030	Valve, Needle
3	391086	* Seal, Oil	95	94098	** Screw, Throttle
4	494238	Base, Engine	98	495800	Screw, Idle Speed
5	495858	Head, Cylinder	104	231789	** Pin, Float Hinge
7	273280	*** Gasket, Cylinder Head	105	231855	** Valve Float
8	495735	Breather Assembly	106	231854	** Seat, Inlet Valve
9	27803	* Gasket, Valve Cover	108	224558	Valve, Choke (Lmt 153)
10	94621	Screw, Sems	108A	224540	Valve, Choke (Lmt 154)
11	281246	Tube, Breather	111	262715	Spring Choke (Lmt 155)
12	271916	* Gasket, Crankcase Cover, .015"	117	232118	** Jet, Needle Valve (Std.)
	271997	* Gasket, Crankcase Cover, .005"		232119	Jet, Needle Valve (Hi-Alt.)
	271996	* Gasket, Crankcase Cover, .009"	121	499233	Carburetor Overhaul Kit
13	94728	Screw, Cylinder Head	123	94913	Screw, Elbow Mounting
15	94239	Plug, Oil Drain	125	499153	Carburetor Assembly
16	498971	Crankshaft	127	---	** Plug, Welch (Sold in Kit Only)
	94196	Timing Gear Key	130	224539	Valve, Throttle
20	291675	* Seal, Oil	131	494379	Shaft and Lever, Throttle
22	94624	Screw, Sems, Base Mounting	133	494381	Float, Carburetor
23	492326	Flywheel and Ring Gear Assembly, Magneto	137	281165	**** Gasket, Float Bowl
24	222698	Key, Flywheel	138	281164	**** Washer, Bowl
25	495860	Piston Assembly, Standard Size	141	495097	Choke, Shaft Kit (Choke-A-Matic)
	495977	Piston Assembly, .010" Oversize	141A	495931	Choke, Shaft Kit (Choke-A-Matic)
	495978	Piston Assembly, .020" Oversize	142	232117	** Nozzle, Carburetor
	495979	Piston Assembly, .030" Oversize	146	94196	Key, Timing Gear
26	495854	Ring Set, Piston, Standard Size	164	214047	Elbow, Carburetor
	495852	Ring Set, Piston, .010" Oversize	166	94555	Stud, Rocker Arm
	495851	Ring Set, Piston, .020" Oversize	171	281051	Nut, Air Cleaner Mounting
	495855	Ring Set, Piston, .030" Oversize	186	493496	Connector, Hose
27	263129	Lock, Piston Pin	187	298099	Line, Fuel (Cut to Suit)
28	498319	Pin Assy., Piston, Standard Size	188	94627	Screw, Sems
	498320	Pin Assy., Piston, .005" Oversize	192	492160	Screw Assembly, Rocker Arm
29	494504	Rod Assembly, Connecting	201	262767	Link, Governor
	495490	Rod Assembly, Connecting, .020" Undersize Crankpin Bore	209	260695	Spring, Governor
32	94695	Screw, Hex Washer Head, 1-57/64	216	262766	Link, Choke
32A	94648	Screw, Hex Washer Head, 1-5/8	219	490815	Gear, Governor
33	495856	Valve, Exhaust	222	495611	Plate, Governor Control
34	495857	Valve, Intake	224	94905	Screw, Sems, Air Cleaner
35	262811	Spring, Valve	225	495157	Crank, Governor
37	224502	Guard, Flywheel	227	493935	Lever Assembly, Governor
40	224641	Retainer, Valve Spring	230	94742	Washer, Governor Crank
45	262411	Tappet, Valve	232	262785	Spring, Governor Link
46	496884	Gear, Cam	238	262836	Cap, Valve
51	272465	**** Gasket, Carburetor (Carburetor to Elbow)	240	394358	Filter, Fuel (In Fuel Line)
52	272569	*** Gasket, Carburetor (Elbow to Cylinder)	265	221535	Clamp, Casing
53	94637	Stud, Carburetor Mounting	284	94704	Screw, Hex Head
75	225136	Washer, Spring			* Included in Gasket Set (495993)
78	94832	Screw, Pan Head			** Included in Carburetor Kit (499233)
87	491323	* Seal, Governor Shaft			*** Included in both Gasket Set (495993) and Valve Overhaul Kit (495992)
					**** Included in Gasket Set (495993), Carburetor Kit (499233) and Carburetor Gasket Set (494385)

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

TRACTOR - - MODEL NUMBER 917.917.270611

IIGGS & STRATTON ENGINE-MODEL NUMBER 28U707, TYPE NUMBER 1174-E1

Y L	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
4	810068	Screw, Set	757	213998	Link, Counterweight
4	496280	Housing, Blower	758	399891	Counterweight Assembly
5	94786	Screw, Hex, Head, Blower Housing Mounting	759	298909	Pin, Counterweight
6	225020	Shield, Cylinder	761	94593	Screw, Counterweight
7	94930	Screw, Cylinder Shield	783	280104	Gear, Starter
9	497595	Motor, Starter	801	394856	Cap, Drive
0	497602	Bolt, Thru	802	497605	Cap, End
1	497608	Brush Set	803	497604	Housing, Starter
3	495859	Armature, Magneto	842	270920	* Seal, Oil Filler Cap
4	94731	Screw, Sems, Armature Mounting	847	496415	Fill Group, Oil
7	491055	Plug, Spark	851	224110	Terminal, Ignition Cable
6	93705	Screw, Hex Head	868	494435	*** Seal Assembly, Valve
6	497708	Wire Assembly	868A	272610	*** Gasket, Valve
8	495993	Gasket Set	871	262835	Bushing, Guide (Intake & Exhaust)
3	19203	Puller, Flywheel	872	281361	Cover, Air Cleaner
3	89838	Wrench, Spark Plug	875	495862	Body, Air Cleaner
3	94903	Screw, Sems	877	393456	Diode and Connector Assembly
5	493909	Cartridge, Air Cleaner	947	497672	Solenoid
7	493903	Knob, Air Cleaner	965	94010	Nut, Hex
8	494439	Screen, Flush Rotating	975	495933	Bowl Assembly, Carburetor
4	393474	Stator, Alternator	977	494385	Carburetor Gasket Set
2	93621	Screw, Sems	987	281166	** Seal, Throttle Shaft
3	806000	Strap, Starter	1005	281400	Fan, Flywheel
0	497606	Drive, Starter	1006	224413	Retainer, Fan
3	495230	Cap and Dipstick, Oil Filler	1019496758		Label Kit
4	281370	* Seal, Filler Tube	1022	272475	*** Gasket, Cover
5	496113	Tube, Oil Filler	1023	224552	Cover, Rocker Arm
5	272403	Element, Filter	1026	494432	Rod, Push, Intake
7	281106	* O-Ring, Air Cleaner	1029	495136	Rod, Push, Exhaust
4	497603	Armature, Starter	1033	224554	Arm, Rocker
2	491986	Bushing, Governor Crank	1034	495992	Valve Overhaul Kit
2	94907	Bolt, Carriage	1036	495248	Guide Assembly, Push Rod
2	231978	Nut, Hex	1036	499364	Label Kit, Emissions
11	93053	Clamp, Fuel Pipe	1044	94673	Screw, Hex Head
4	93306	Pin, Cotter	1054	270723	Tie, Cable
5	263080	Retainer	1058	272623	Manual, Owner's
8	262803	Spring, Choke Return	1090	497607	Retainer, Brush
14	494453	** Seal, Spring Assy.	1091	281364	Cap, Limiter
A	494455	** Seal, Spring Assy.	2500	28N707-1026	Replacement Engine
15	280872	Boot, Spark Plug	— —	496050	Replacement Shortblock
16	224546	Brace, Air Cleaner			
17	94906	Screw, Sems			
13	94620	Screw, Self-Tapping			
8	230192	Pin, Dowel			
16	399676	Gear, Ring (Includes Mounting Hardware)			
17	490324	Cover, Starter			
18	94951	Screw, Torx®			
19	281390	Clip, Wire			
1A	225170	Retainer, Wire			
11	262932	Gear, Timing			

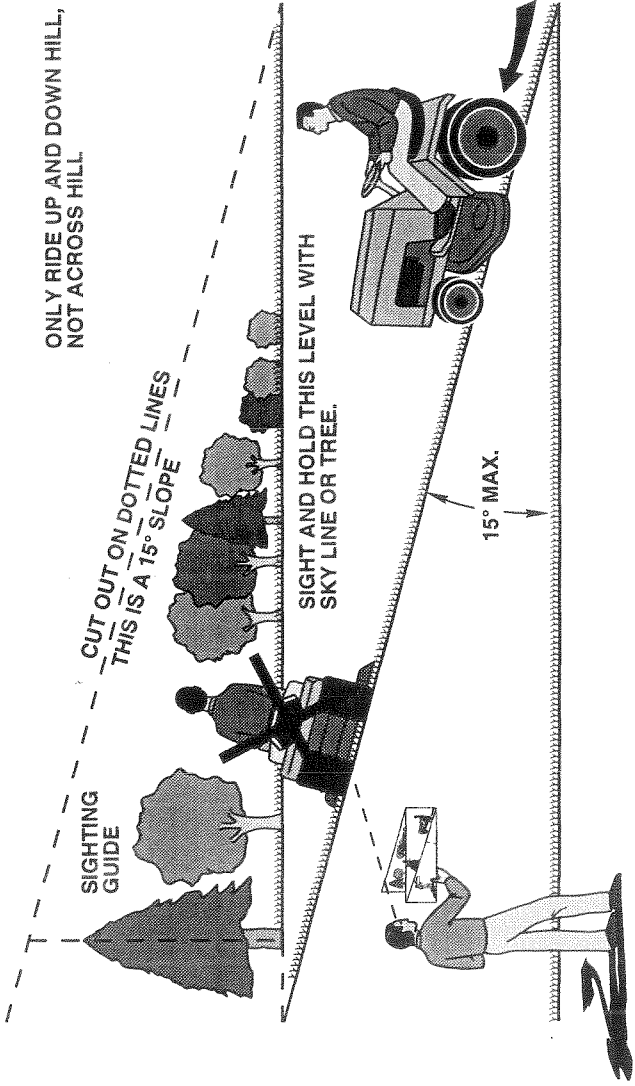
RPM Settings: Low: 1650-1850, High: 3200-3400


- \* Included in Gasket Set (495993)
- \*\* Included in Carburetor Kit (499233)
- \*\*\* Included in both Gasket Set (495993) and Valve Overhaul Kit (495992)
- \*\*\*\* Included in Gasket Set (495993), Carburetor Kit (499233) and Carburetor Gasket Set (494385)

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



# SUGGESTED GUIDE FOR SIGHTING SLOPES FOR SAFE OPERATION



 Operate your Tractor up and down the face of slopes (not greater than 15°), never across the face. Make turns gradually to prevent tipping or loss of control. Exercise extreme caution when changing direction on slopes.





1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.





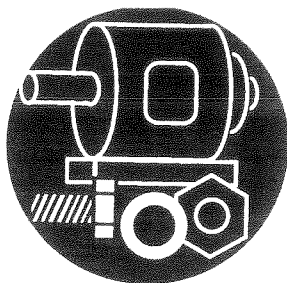
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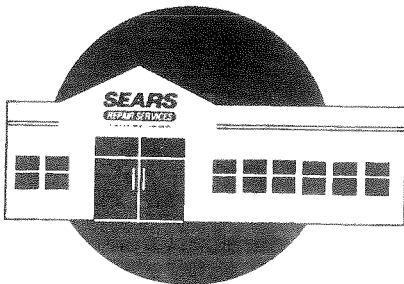


For the location of a Sears Parts and

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Call 24 hours a day, 7 days a week

**1-800-488-1222**



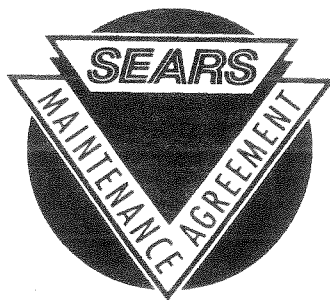
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Maintenance Agreement or to inquire

about an existing Agreement

Call 9 am - 5 pm, Monday-Saturday

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When requesting service or ordering parts, always provide the following information:

- Product Type
- Part Number
- Model Number
- Part Description

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