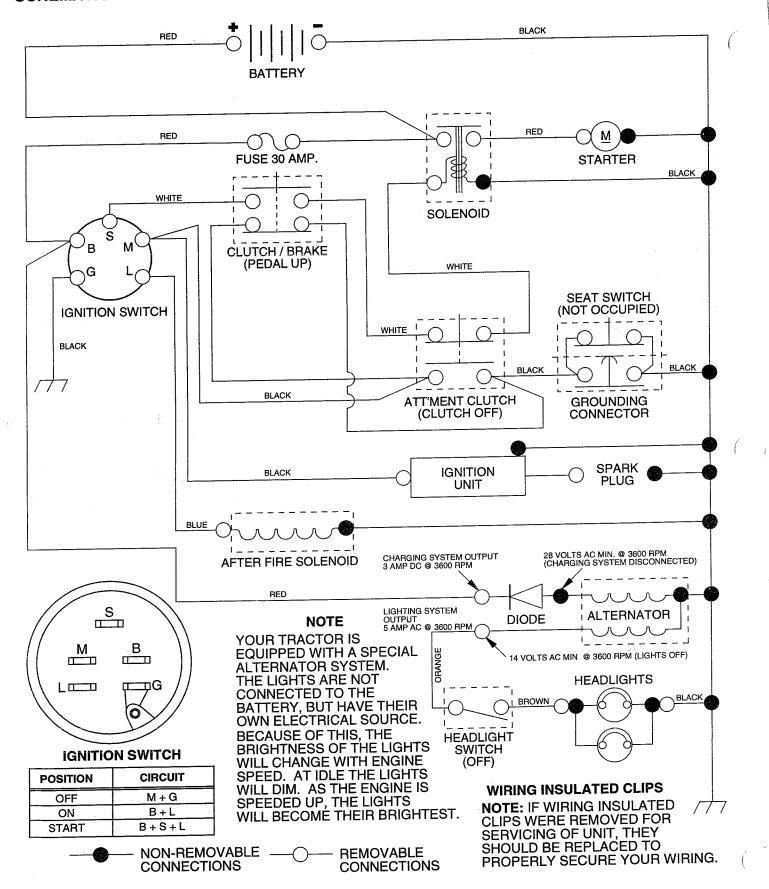
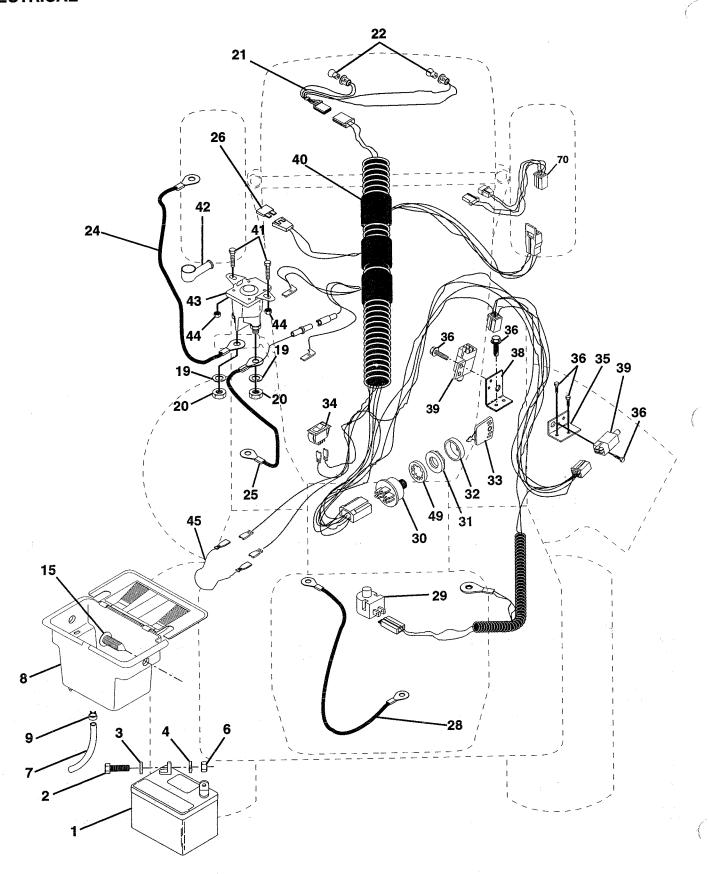
TRACTOR - - MODEL NUMBER LM14542A

SCHEMATIC



TRACTOR - - MODEL NUMBER LM14542A

ELECTRICAL



TRACTOR - - MODEL NUMBER LM14542A

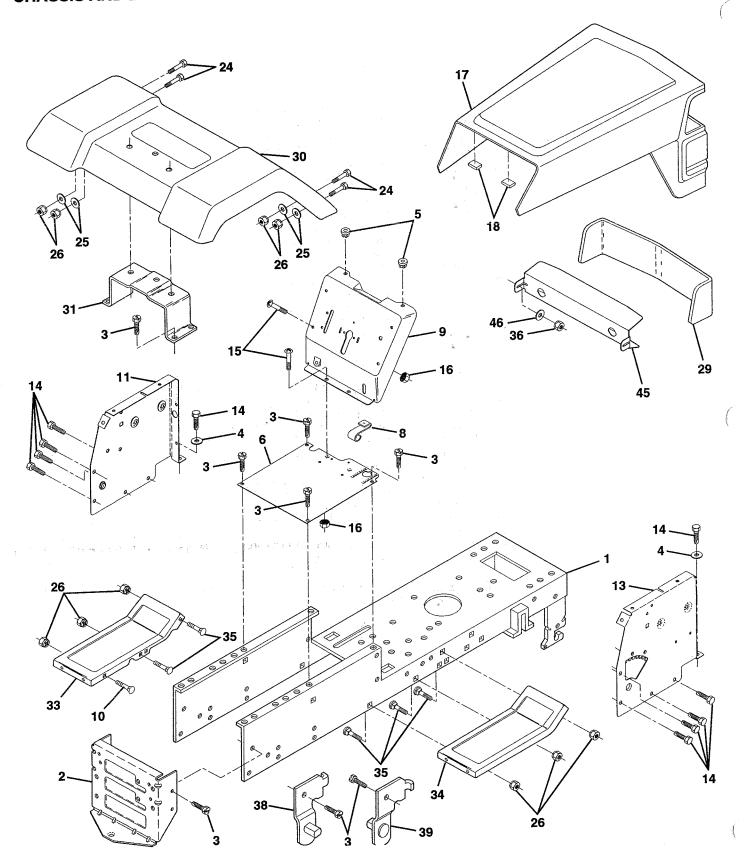
ELECTRICAL

KE	EY PART D. NO.	DESCRIPTION
1 2 3 4 6 7 8 9 15 19 20 21 22 24 25 26 28	144925 74760412 19091016 10040400 73220400 109238X 144940 109596X 147688 10090400 73350400 136850 4152J 4799J 146147 108824X 4207J 121305X 144921 140400 141226 140401 110712X 108236X 17021008 140336 109553X 146057 71110412 131563 145673 73510400	Battery 12 Volt 25 Amp Bolt Hex Hd 1/4-20unc X 3/4 Washer 9/32 X 5/8 X 16 Ga Washer Lock Hvy Helical 1/4 Nut Fin Hex 1/4-20 Unc Tube Plastic 12" Case Battery Clamp Hose Olive Fastener Snap-In Washer Lock 1/4 Nut Jam Hex 1/4-20 Unc Harness Asm Light W/4152J Bulb Light #1156 Cable Battery 6 Ga 11"red Cable Battery 6 Ga red W/16 Wire Fuse 30 AMP Auto Green Cable Ground 6 Ga 12" black Switch Plunger Nc Gray Switch Ign 3 Nut Ignition Cover Sw Ign Key Ign Switch Light Blk Blk Red Bracket Switch Clutch Screw Tap Hex #10-24unc X 1/2 Bracket Switch Interlock Switch Intlk Clutch Gry 4 Term Harness Ign Bolt Blk Fin Hex 1/4-20 x 3/4 Cover Terminal Red Solenoid Nut Keps Hex 1/4-20 Unc Adapter Ammeter Rectangular Washer, Lock, Internal Tooth 5/8 Harness Eng Briggs/Tec Dual
	100	

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

TRACTOR - - MODEL NUMBER LM14542A

CHASSIS AND ENCLOSURES



TRACTOR - - MODEL NUMBER LM14542A

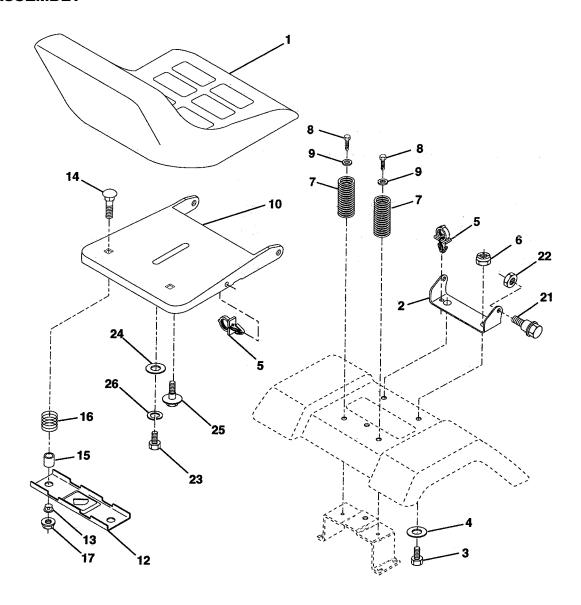
CHASSIS AND ENCLOSURES

KE NO		DESCRIPTION
34 35 36 38 39 45	145501 140356 17490612 19131216 146077 145206 126471X 146757X011 72140608 146956 146961X012 17490608 74180512 73510500 133956X505 126938X 74780616 19131312 73800600 133805 140001X505 136619 145244X505 72110606 108067X 139886 139887 132257 127316X 5479J	Chassis Wldmt 11" Ga Drawbar 12 Ga 46 5" wheel Base Screw Thdrol 3/8-16x3/4 Ty-tt Washer 13/32 x 3/4 x 16 Ga. Bumper Snap-In SaddleLT Fender Shift Clip Insulator 406 Mtg Hole Dash Slkscr 1-pc M W/i N/c Sym Bolt Rdhd Sqnk 3/8-16unc X1" Panel Dash LH Panel Dash RH Wld Notch Screw Thdrol 3/8-16x1/2 Ty-tt Screw Mach TRHD 5/16-18uncx 3/4 Nut Keps 5/16-18 Unc Hood/grille Asm Welded Bumper Hood Bolt Fin Hex 3/8-16unc X 1 Gr. 5 Washer 13/32 X 13/16 X 12 Ga Locknut Hex W/Ins 3/8-16 UNC Lens Grille HI Bar Clear LT Fender Pnt LT Bracket Fender Repl 109873x Footrest Pnt LH Ms-505 Footrest Pnt RH Ms-505 Bolt Rdhd Sht Sqnk 3/8-16 X3/4 Nut Pal Bracket Asm Pvt42 LH MWR Rear Bracket Asm Pvt42 RH MWR Rear Bracket Asm Pvt42 RH MWR Rear Bezel Light Retainer Plug Button Blk 359 Dia Choke

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

TRACTOR - - MODEL NUMBER LM14542A

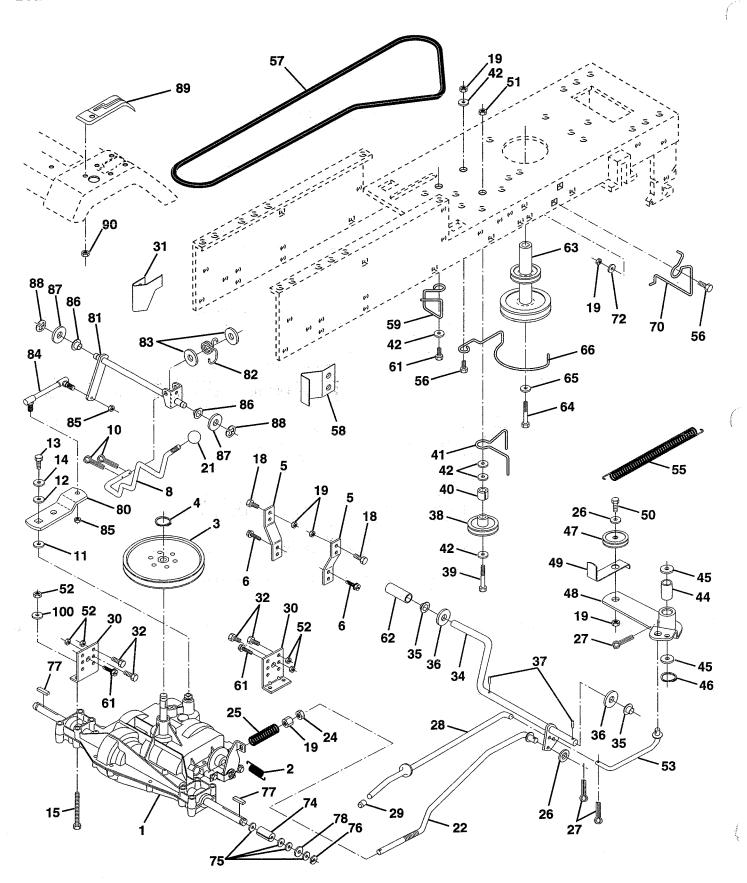
SEAT ASSEMBLY



KEY NO.	PART NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION
1	127428	Seat	14 72050411	Bolt Rdhd Sht Nk 1/4-20x1-3/8
2	140551	Bracket Pivot Seat	15 134300	Spacer Split 28x 96 Yel Zinc
3	74760616	Bolt Hex 3/8 - 16 X 1	16 121250X	Spring Cprsn 1 27 Blk Pnt
4	19131610	Washer 13/32 X 1"	17 123976X	Nut Lock 1/4 Lge Flg Gr 5 Zinc
5	145006	Clip Push-In	21 139888	Bolt Shoulder 5/16-18
6	73800600	Locknut, Hex W/Ins 3/8 - 16 Unc	22 73800500	Locknut, Hex W/wsh 5/16-18
7	124181X	Spring Seat Cprsn 2 250 Blk Zi	23 74780814	Bolt Fin Hex 1/2-13 X 7/8 Gr 5
8	17490616	Screw Thdrol 3/8-16 X 1 Ty-tt	24 19171912	Washer 17/32 X 1-3/16 X 12 Ga
9	19131614	Washer 13/32 X 1 X 14 Ga	25 127018X	Bolt Shoulder 5/16-18 X 62
10	140552	Pan Seat	26 10040800	Washer Lock Hvy Hlcl Spr 1/2
12	121246X	Bracket Mounting Switch	NOTE: All comp	onent dimensions given in U.S. inches
13	121248X	Bushing Snap Blk Nyl 50 ld	1 inch = 2	

TRACTOR - - MODEL NUMBER LM14542A

DRIVE



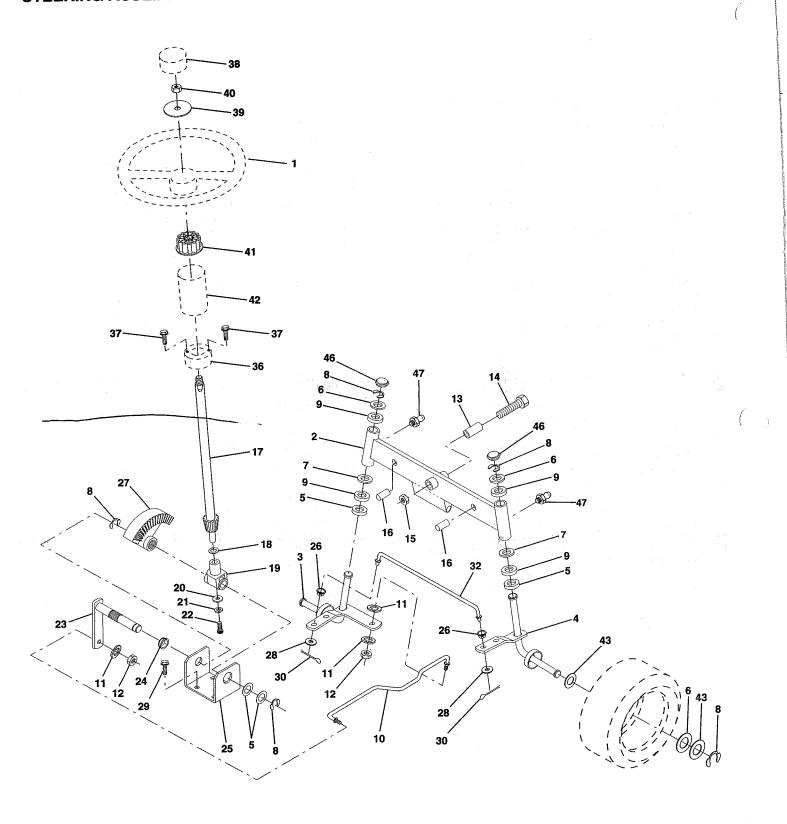
TRACTOR - - MODEL NUMBER LM14542A

DRIVE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.		DESCRIPTION
1	142603	Transaxie, 6 speed, Dana D4360-79	47	127783	Pulley Idler V-groove Plastic
2	146682	Spring brake Return	48	123789X	Bellcrank Asm Clutch
$\bar{3}$	123666X	Pulley, Transaxle	49	123205X	Retainer Belt Style Spring
4	12000028	Ring Retainer	50	74760624	Bolt Hex 3/8-16 unc x 1-1/2
5	121520X	Strap Torque 30°	51	73680600	Nut, Crownlock 3/8-16 UNC
6	17490512	Screw Thdrol 5/16-18 x 3/4 TYT	52	73680500	Nut, Crownlock 5/16-18 UNC
8	141003	Rod Shifter	53	105710X	Link Clutch
10	76020416	Pin Cotter 1/8 x 1	55	105709X	Spring Return Clutch
11	105701X	Washer Plate shf 388 Sq Hole	56	74760620	Bolt, Fin Hex 3/8-16 UNC x 1-1/4
12	19151216	Washer 15/32 x 3/4 x 16 Ga.	57	130801	V-Belt Ground Drive
13	74550412	Bolt1/4-28 unf Gr. 8 W/Patch	58	127274X	Keeper Belt(RH)
14	10040400	Washer Lock Hvy Helical 1/4	59	140312	Keeper Belt Chassis
15	74780544	Bolt Hex 5/16 - 18 x 2-3/4	61	17490612	Screw Thdrol 3/8-16 x 3/4 Ty-tt
18	74780616	Bolt Hex 3/8-16unc x 1 Gr. 5	62	8883R	Cover Pedal
19	73800600	Locknut, Hex W/Ins. 3/8-16 Unc	63	140186	Pulley Engine
21	106933X	Knob	64	71170764	Bolt Hex 7/16-20 x 4 Gr. 5
22	130804	Rod Brake	65	10040700	Washer Lock Hvy, Helical Spr 7/16
24	73350600	Nut Hex Jam H 3/8-16 Unc	66	129921	Keeper Belt (LH)
25	106888X	Spring, Brake Rod	70	134683	Guide Belt Mower Drive RH
26	19131316	Washer 13/32 x 13/16 x 16 Ga.	72	19132012	Washer 13/32 X 1-1/4 X 12 Ga.
27	76020412	Pin Cotter 1/8 x 3/4	74	109502X	Spacer Split
28	145204	Rod Brake Parking	75	121749X	Washer 25/32 X 1-1/4 X 16 Ga.
29	71673	Cap Brake Parking Black		12000001	E-Ring
30	130807	Bracket Transmission	77	123583X	Key Square Washer 25/32 X 1-5/8 X 16 Ga.
31	127275X	Keeper Belt LH LT 14 Ga.	78	121748X	
	74760512	Bolt Hex 5/16-18 x 2-1/2	80	131488	Arm, shift lever
34	149001	Shaft Asm Pedal Foot	81	136932	Shaft
35	120183X	Bearing Nylon Blk 629 AD		123782X	Spring Washer 17/32 X 3/4 X 16 Ga.
36	19211616	Washer 21/32 x 1 x 16 Ga.	83	19171216	Tie Rod
37	1572H	Pin Roll 3/16 x 1"	84 85	132182 73530400	Nut Nylock 1/4-28
	123674X	Pulley Idler Flat	86	73530400	Bushing
	74760644	Bolt Hex 3/8-16 unc x 2-3/4	87	19212016	Washer 21/32 x 1-1/4 x 16 Ga.
	4470J	Spacer Split	88	12000008	Ring Klip #5304-62
	109070X	Keeper Belt	89	139964	Console, Gear Shift
	19131312	Washer 13/32 x 13/16 x 12 Ga.	90	124346X	Nut 1/4
	105706X	Bearing Nylon	100	19111216	Washer 11/32 x 3/4 x 16 Ga.
	110812X	Washer Hardened	100	19111210	Washer 11/02 A 0/4 A 10 Ga.
46	12000039	Ring Klip #t5304-50	NOT	E: All compo 1 inch = 2	onent dimensions give in U.S. inches. 5.4 mm.

TRACTOR - - MODEL NUMBER LM14542A

STEERING ASSEMBLY



TRACTOR - - MODEL NUMBER LM14542A

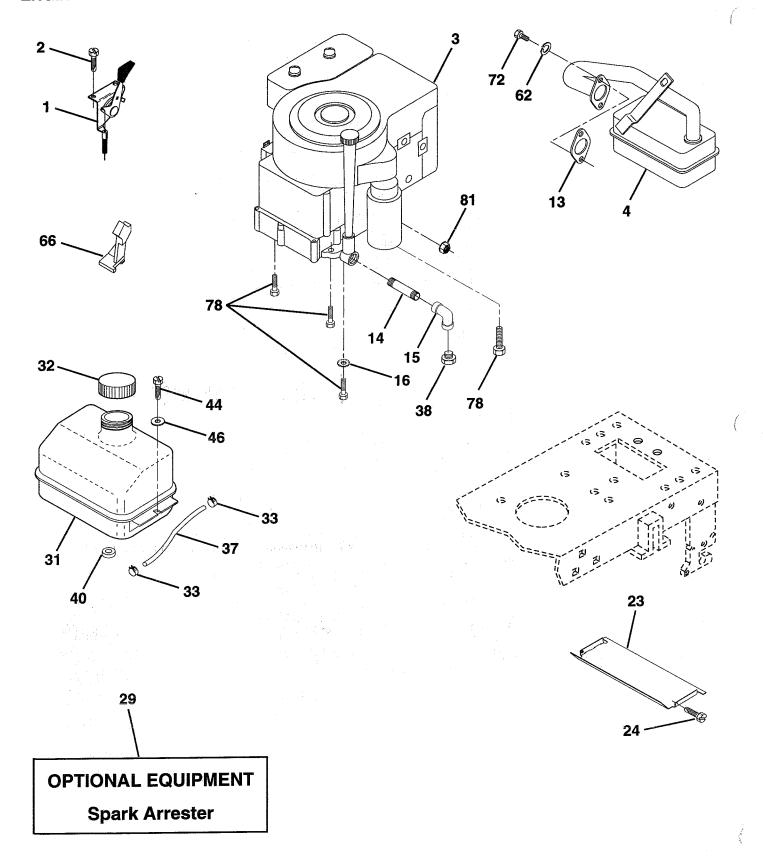
STEERING ASSEMBLY

		PART NO.	DESCRIPTION
12345678901121111111112222222222333678904123678904423647	133 142 135 135 121 192 120 336 130 736 130 736 132 132 570 124 126 136 137 137 137 137 137 137 137 137 137 137	3741 2033 5227 5228 56H 748X 572016 500029 56R 5468 540600 438X 11056 01000 624 614 79 035X 684X 40400 70410 501 816X 847X 8374 31416 90612 20412 465 81008 742 83808 842 842 843 843 8442 8442 8442 8442 84	Wheel Steering Ayp/kelch Blk Axle Asm Fr Spindle Asm LH Spindle Asm RH Bearing Race Thrust Harden Washer 25/32 X 1-5/8 X 16 Ga Washer 27/32 X 1-1/4 X 16 Ga Ring Klip #t5304-75 Bearing Col Strg Blk Link Drag Sol Ball Jt 20 064 Washer Lock Hvy Hicl Spr 3/8 Nut Fin Hex 3/8-24 Unf Spacer Bearing Axle Front Bolt Hex 5/8-11 Unc Pin Axle 5/8 X 1 55/1 54 Lg Shaft Asm Strg 5/8 X 15 19 LT Washer Thrust 515x 750x 033 Support Shaft Washer Shim 1/4 X 5/8 X 062 Washer Lock Hvy Helical 1/4 Screw Hex Socket 1/4-20 X 5/8 Shaft Asm Pittman Nyliner Snap In Bracket Steering Bushing Link Drag Blk LR Gear Sector Washer 13/32 X 7/8 X 16 Ga Screw Thdrol 3/8-16x3/4 Ty-tt Pin Cotter 1/8 X 3/4 Cad Rod Tie Wire Form 19 75 Mech Bushing Strg 5/8 Id Dash Screw Slftp #10-16 X 1/2 Ty-b Cap Wheel Steer Ayp/kelch Blk Washer 13/32 X 2-3/8 X 8 Ga Nut Lock Center 3/8-24unf Adaptor Wheel Strg 640/ 635id Boot Steering Shaft Washer 25/32 X 1 1/4 X 16 Ga Cap Spindle Fr Top Blk Fitting Grease
	3000		

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

TRACTOR - - MODEL NUMBER LM14542A

ENGINE



TRACTOR - - MODEL NUMBER LM14542A

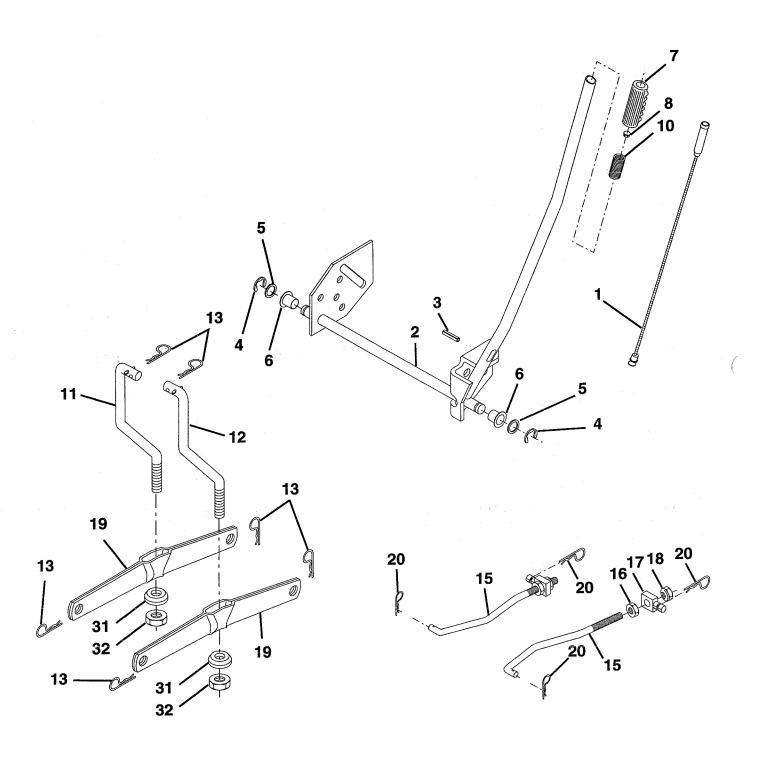
ENGINE

KEY NO.	PART NO.	DESCRIPTION
1	132623	Control Th/ch RH Blk Tee 15 10 Screw Hex Thd Cut 1/4-20x5/8 T
2 3	17720410	Engine B&S 14.5 HP ICQ OHV Dual Model No. 287707
4	137352	Muffler Exhaust B&S
13 14	125593X 13280324	Gasket Eng 1 313 ld Tin Plated Nipple Pipe 3/8 Npt X 3"
15 16	13200300 11050600	Elbow Std 90 Degree 3/8-18 Npt Washer Lock Ext Tooth 3/8
23	128953	Shield Browning Screw
24 29	137180	Kit Spark Arrestor (Flat Scrn)
31 32	109202X 140527	Tank Fuel Front 1 25 Cap Asm Fuel
33 37	123487X 137040	Clamp Hose Blk Line Fuel
38		Plug Oil Drain (Order From Engine Manufacturer)
40 44	124028X 17490412	Bushing Snap Nyl Blk Fuel Line Screw Hexwsh Thdrol 1/4-20x3/4
46	19091416	Washer 9/32 X 7/8 X 16 Ga
62 66	10040500 127951	Washer 5/16 Stop Throttle 3000 RPM
72 78	71070512 17490620	Screw 5/16-18 x 3/4 Screw Thdrol 3/8-16x1-1/4 TYTT
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 LM14542A

LIFT



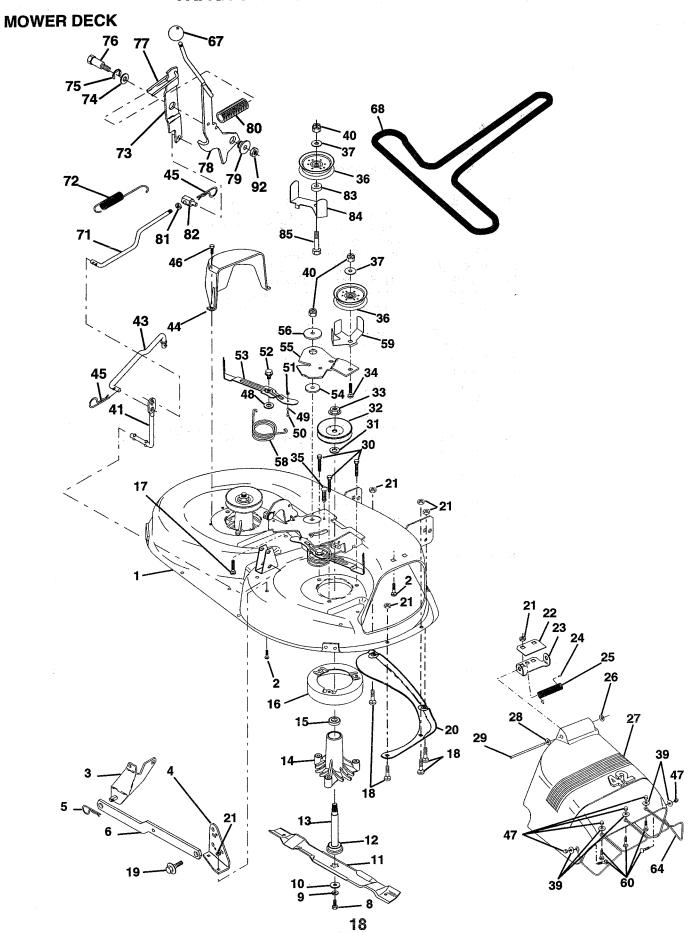
TRACTOR -- MODEL NUMBER LM14542A

LIFT

KEY NO.		DESCRIPTION
6 7 8 10 11 12 13 15 16 17 18 19 20	136973 122507X 105767X 12000002 19211621 120183X 109413X 124526X 122512X 139865 139866 4939M 127218 73350800 130171 73800800 139868 3146R 140302	Wire Asm Inner w/plunger Shaft Asm Lift Pin Groove E Ring #5133-62 Washer 21/32 X 1 X 21Ga Bearing Nylon Grip Handle Bicycle Matte Blk Button Plunger Spring Cprsn Link Lift LH Link Lift RH Retainer Spring Link Front Nut Jam Hex 1/2-13 Unc Trunnion Blk Zinc Nut Lock W/wsh 1/2-13 Unc Arm Suspension Rear Retainer Spring Bearing Pvt. Lift Spherical
	73540600	Nut Crownlock 3/8-24

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

TRACTOR - - MODEL NUMBER LM14542A



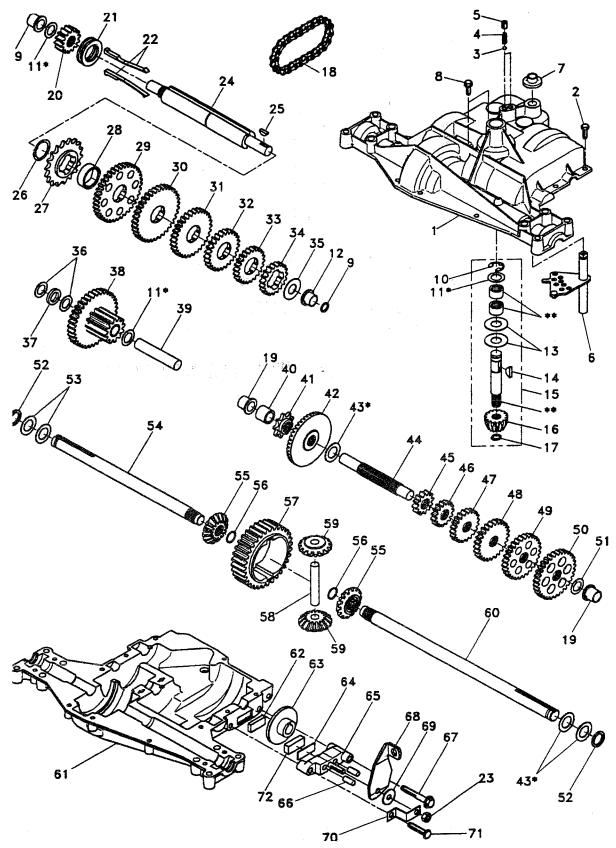
TRACTOR - - MODEL NUMBER LM14542A

MOWER DECK

KEY NO.		DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	144393	Mower Deck Assembly, 42"	44	140088	Guard, Mandrel, LH
2	72140506	Bolt	45	4497H	Retainer
3	138017	Bracket Asm Fr. Sway Bar	46	137729	Screw, Thread Roll 1/4-20 x 5/8
4	138440	Bracket Asm Deck 42" Sway Bar	47	M730705000	Nut Acorn M5 x 0.8
5	4939M	Retainer Spring	48	133944	Washer, Hardened
6	130832	Arm, Suspension, Rear	49	133940	Roller Assembly, Cam Follower
8	850857	Bolt 3/8-24 x 1.25 Grade 8	50	131340	Bolt, Shloulder #10-24 Grade 5
9	10030600	Washer, Lock	51	69180	Locknut
10	140296	Washer, Hardened	52	139888	Bolt, Shoulder 5/16-18 UNC
11	138498	Blade, High Lift 42"	53	131845	Arm Assembly, Pad, Brake
12	129895	Bearing, Ball	54	133943	Washer, Hardened
13	137645	Shaft Assembly, Mandrel, Vented	55	140084	Arm, Idler
		(Includes Key Number 12)	56	122052X	Spacer, Retainer
14	128774	Housing, Mandrel, Vented	58	140086	Spring Torsion Brakes
15	110485X	Bearing, Ball, Mandrel	59	141043	Guard Tuv Idler
16	140329	Stripper, Vented Mower Deck	60	M720305016	Bolt Rdhd Sqnk M5 x 0.8 x 16 mm
17	72110610	Bolt, Carriage 3/8-16 x 1-1/4	64 67	139328	Guard Deflector Mower 42" TUV Knob Rd 3/8-16 UNC
18	72140505	Bolt, Carriage 5/16-18 x 5/8	67 68	106932X 144200	V-Belt, 42" Mower
19	132827	Bolt, Shoulder	71	142427	
20	136888	Baffle, Vortex		131870	Rod, Clutch, Primary Spring, Extension, Return
21	73680500 134753	Nut, Crownlock 5/16-18 UNC Stiffener Bracket	73	127847	Arm, Clutch, Secondary
22 23	131267	Bracket, Deflector		121748X	Washer 25/32 x 1-5/8 x 16 Gauge
23 24	105304X	Cap, Sleeve		12000029	Ring, Klip
25	123713X	Spring, Torsion, Deflector		128903	Bolt, Shoulder 3/8-16 UNC x 1.44
26	110452X	Nut, Push		127845	Keeper, Spring
27	139450	Deflector Clipping TUV		140334	Arm, Clutch, Primary
28	19111016	Washer 11/32 x 5/8 x 16 Gauge		127498	Bushing, Large, Brass
29	131491	Rod, Hinge		128759	Spring, Mower Clutch
30	138776	Screw Thdrol. Hex Head Zinc		73350600	Nut Hex Jam 3/8-16 UNC
31	129963	Washer, Spacer		142028	Trunnion Adj.
32	129861	Pulley, Mandrel		120958X	Washer Sintered
33	137266	Nut, Toplock 9/16		144394	Keeper Belt Idler Fixed
34	72110614	Bolt	85	72140618	Bolt Carriage 3/8-16 x 2-1/4
35	133835	Fastener, Christmas Tree	92	73800600	Nut
36	131494	Pulley, Idler, Flat		130794	Mandrel Assembly (Includes Key
37	19131316	Washer 13/32 x 13/16 x 16 Ga.			Numbers 8-10, 12-15, 31 and 33)
	M190511014			144783	Mower Deck, Complete
	73680600	Nut, Crownlock 3/8-16 UNC	NOT	- All	ant dimensione given in 110 inches
41	133551	Rod, Pivot, with Nibs	NOIL		ent dimensions given in U.S. inches
43	140083	Rod, Clutch, Secondary, with Nibs		1 inch = 25.	4 HIIII

TRACTOR - - MODEL NUMBER LM14542A TRANSAXLE DANA - MODEL NUMBER 4360-79

TRANSAXLE

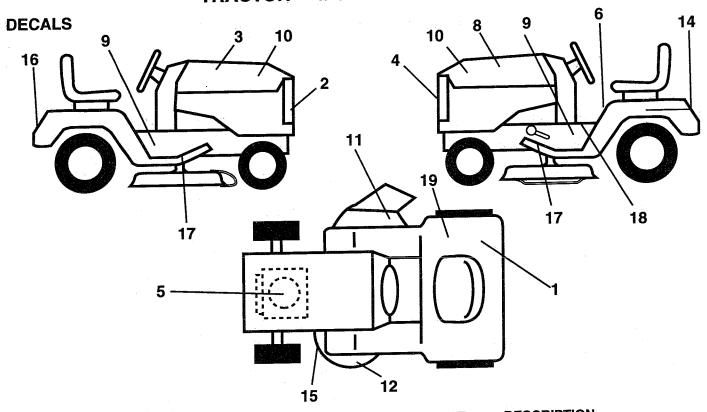


TRACTOR - - MODEL NUMBER LM14542A TRANSAXLE DANA - MODEL NUMBER 4360-79

TRANSAXLE

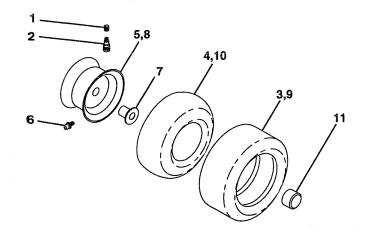
	PART NO.	DESCRIPTION		PART NO.	DESCRIPTION
	142671		41	105928X	Sprocket, 9 Teeth
1 2	2274J	Housing, Upper Screw, Self-Tapping, Large	42	110084X	Gear, Bevel, 42 Teeth
2	22/40	1/4-20 x :734	43		* Assembly, Kit, Shim .750 Shaft
3	134400	Ball, Detent	44	120473X	Shaft, Drive
4	105904X	Spring, Detent	45	142678	Gear, Spur, 12 Teeth
5	105904X 105905X	Screw, Set	46	142679	Gear, Spur, 15 Teeth
6	138235	Kit, Shifter Assembly	47	120407X	Gear, Spur, 20 Teeth
7	134399	Boot, Shifter	48	106589X	Gear, Spur, 25 Teeth
8	134791	Screw, Tapping w/Sealer	49	120408X	Gear, Spur, 28 Teeth
9	138241	Square Ring	50	105937X	Gear, Spur, 31 Teeth
10	142672	Ring, Retaining	51	2226J	Washer, Plain .632 x 1.00 x .060
11		* Assembly, Kit, Shim .625 Shaft	52	134401	Washer, Neoprene
12	142673	Bearing, Flange	53	2264J	Washer, Plain .758 x 1.25 x .031
13	120415X	Washer, Plain .632 x 1.38 x .046	54	120474X	Axle, L.H.
14	142674	Key, Woodruff, #9		110081X	Gear, Miter, 15 Teeth
	138234	Assembly, Kit, Input Shaft		105941X	Ring, Retaining
	110078X	Pinion, Bevel, 14 Teeth		110071X	Gear, Spur, 32 Teeth
	105909X	Ring, Retaining		120952X	Shaft, Cross
18	105910X	Chain, 24 Pitches		110082X	Gear, Miter, 15 Teeth
19	105911X	Bearing, Flange		120475X	Axle, R.H.
	142675	Gear, Spur, 14 Teeth		142680	Housing, Lower
	138246	Collar, Clutch		120961X	Puck, Friction
22	138236	Assembly, Kit, Clutch Keys		7294J	Disc, Brake
	73810500	Locknut 5/16-24		108989X	Spacer
24	142676	Shaft, Intermediate	65	120953X	Jaw, Brake
	2244J	Key, Woodruff, #61	66	120954X	Pin, Dowel
	105916X	Ring, Retaining	67	134799	Screw, Self-Tapping, Large
	120470X	Sprocket, 18 Teeth			5/16-18 x 2.25
	110070X	Spacer		138244	Lever, Actuating
	142677	Gear, Spur, 37 Teeth		108996X	Washer, Plain .321 x 1.00 x .055
	142681	Gear, Spur, 35 Teeth		120956X	Bracket, Anti-Rotation
	120405X	Gear, Spur, 30 Teeth	71	106596X	Screw, Self-Tapping, Large
	108980X	Gear, Spur, 25 Teeth		(000=4)/	5/16-18 x 1.44
	120406X	Gear, Spur, 22 Teeth	72	120951X	Puck, Friction
	134796	Gear, Spur, 19 Teeth	73	120416X	Grease
	105925X	Washer, Plain .640 x 1.37 x .061			-ti ti-t-i olograpaga
	2232J	Washer, Plain .632 x 1.00 x .026	*	Use in combina	ations to maintain proper clearances
	108978X	Spacer .630 x 1.00 x .169			
38	110079X	Assembly, Gear, Combination of	**	Order Key No.	15
		12 Teeth and 35 Teeth		- AVI	at diamentina siyan in H.C. inches
	124639X		NOT		ent dimensions given in U.S. inches
40	120472X	Spacer .635 x .875 x .755		1 inch = 25.4	# mm

TRACTOR - - MODEL NUMBER LM14542A



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
NO. 123456890112456	125690 132627 141745 129823 272991 145498 141746 131425 146644 145494 135013 145005 136832 132628	Decal 100 DBA Decal Grille Rally (Logo) Decal Hood RH Decal Stripe Grille Decal B&S Engine 14.5 ICQ OHV Decal Read Owner's Manual Sym Decal Hood LH Decal Chassis 42" 6sp Decal Hood Decal Mower Cutfinger Symbol Decal Enviro Deck Yellow Decal Bat Dan/Poi P/L Symbols Decal V-Belt Sch Decal Fender Rally	17 18 19 	131864 140837 145437 138311 149160 146157 able accesso LBD48 C42 LC05 LA018 LSB42 MK42	Pad Footrest Decal Saddle Brake Parking Decal Europe Stand CE Decal Handle LFT Height Adj Manual Parts Manual Oper Gen 95 42" (E/F) bries not included with tractor: 48" Snow Blade Grass Catcher 33' Wheel Wts. Tire Chains 40" Snow Thrower Mulch Kit W/Blades

WHEELS & TIRES



KEY NO.	PART NO.	DESCRIPTION
1 2 3 4 5 6	59192 65139 106222X 59904 106732X427 278H	Cap Valve Tire Stem Valve Tire F Ts 15 X 6 0 - 6 Service Tube Front (Service Item Only) Rim Asm 6" (front White Service) Fitting Grease (Front Wheel Only)
7	9040H	Bearing Flange (Front Wheel Only)
8	106108X427	Rim Asm 8" rear White Service)
9	106268X	Tire R Ts 18x9 5-8 C Service
10	7152J	Tube Rear (Service Item Only)
11	104757X	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.