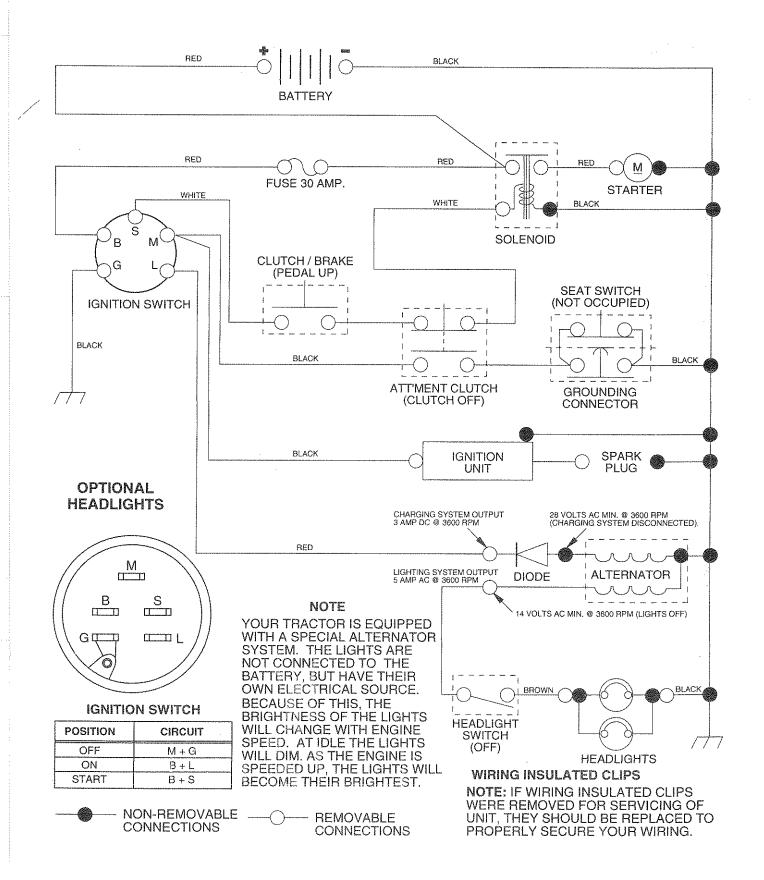




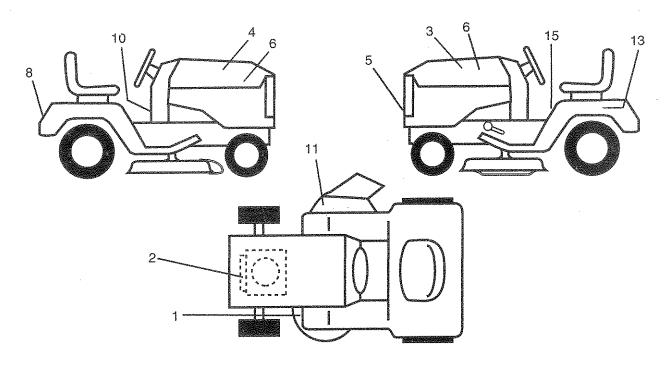
LR120

OWNER'S MANUAL / IPL 954000582 1993-01

SCHEMATIC

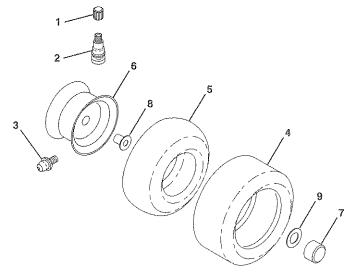


12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C)
DECALS



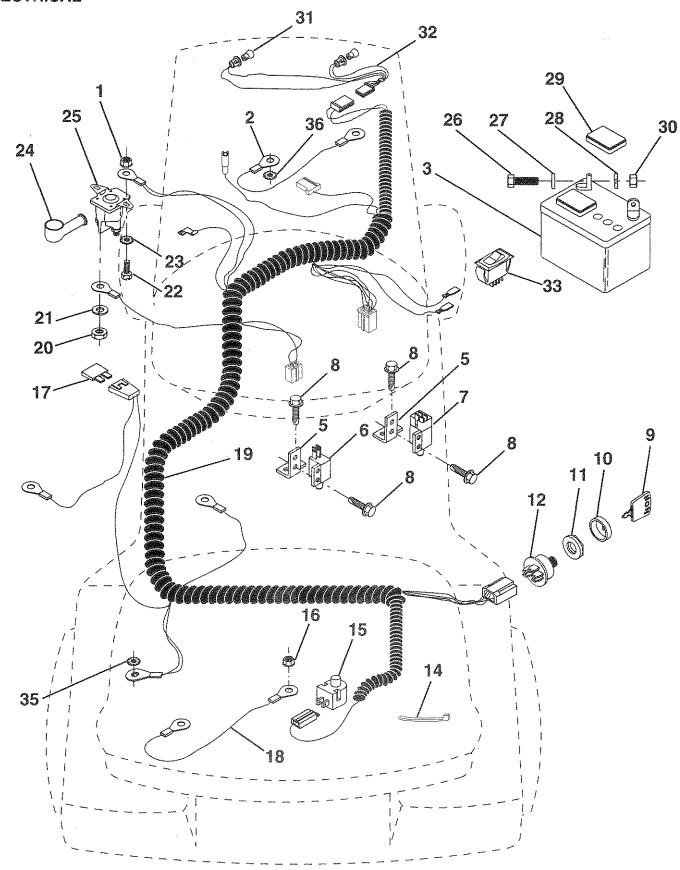
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	532136830	Decal, V-Belt	11	532137259	Decal, Warning (English/French)
2	532120601	Decal, Engine			
3	532139454	Decal, Hood, L. H.	13	532121549	Decal, Caution, Battery
4	532139453	Decal, Hood, R. H.	15	532133795	Decal, Caution
5	532125989	Decal, Logo, Grill		532139451	Manual, Owner's (English)
6	532127520	Decal, USA		532139452	Manual, Owners (French)
8	532131582	Decal, Logo, Fender			,
10	532123637	Decal, Operating Instruction (English/French)	Avail	able accessori CE36	es not included with tractor: Grass Catcher

WHEELS & TIRES



KEY NO.	PART NO.	DESCRIPTION
1	532059192	Cap, Valve
2 3	532065139	Stem, Valve
3	532124957	Fitting, Grease
	•	(Front Wheels Only)
4	532123410	Tire, Front
	532123411	Tire, Rear
5	532059904	Tube, Front
		(Optional Service Items Only)
	532008134	Tube, Rear
		(Optional Service Items Only)
6	532124972	Rim, Front
	532124973	Rim, Rear
7	532104757	Cap Axle
8	532124959	Bearing, Flange
9	532121748	Washer 25/32 x 1-5/8 x 16 Ga.

12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C) ELECTRICAL

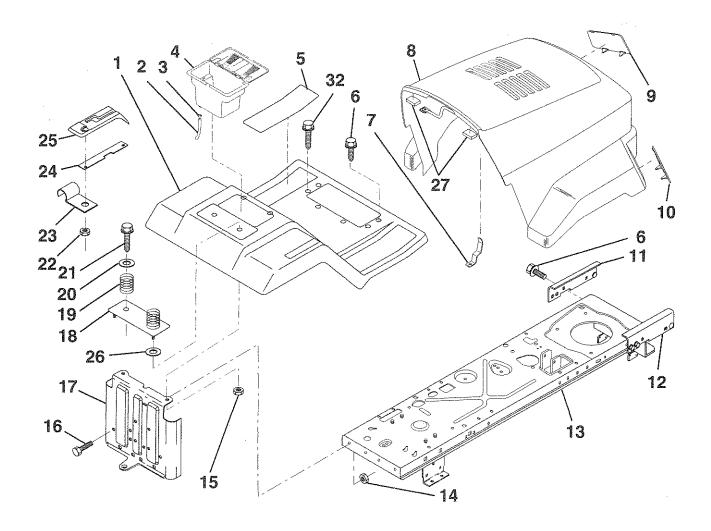


12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C) ELECTRICAL

KEY NO.	PART NO.	DESCRIPTION
11 12 14 15 16 17 18 19 20	810090400 874780408 811050400 532131563 532138406 874760412 819091016 810040400 532121264 873220400 532004152 532131078 532110712	Nut, Hex Keps 1/4-20 Assembly, Cable Battery Bracket, Switch Switch, Interlock Switch, Interlock Screw, Hex Hd. Tap #10-24 x 1/2 Key, Molded Cover, Key Ignition Nut, Ignition Switch, Ignition Tie, Cable Switch, Plunger Nut, Hex, Keps 5/16-18 Fuse Assembly, Cable Harness, Ignition Nut, Hex Jam 1/4-20 Washer, Lock 1/4 Bolt, Fin. Hex 1/4-20 UNC x 1/2 Gr. 5 Washer, Lock Ext. Tooth 1/4 Cover, Terminal Solenoid Bolt, Hex Hd. 1/4-20 UNC x 3/4 Washer 9/32 x 5/8 x 16 Washer, Lock 1/4 Cap, Battery Nut, Fin. Hex 1/4-20 UNC Bulb, Light Socket, Light Harness Switch, Light Lockwasher Int. Tooth 1/4

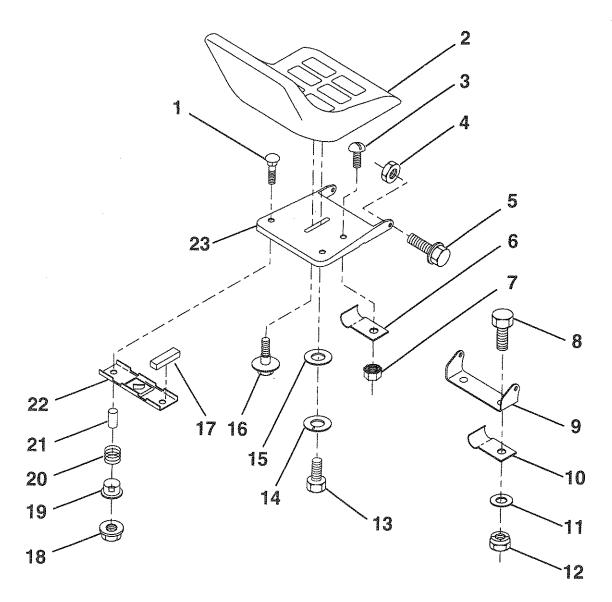
NOTE: All component dimensions given in U.S. inches 1 inch = 25.4 mm

12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C) FENDER / CHASSIS



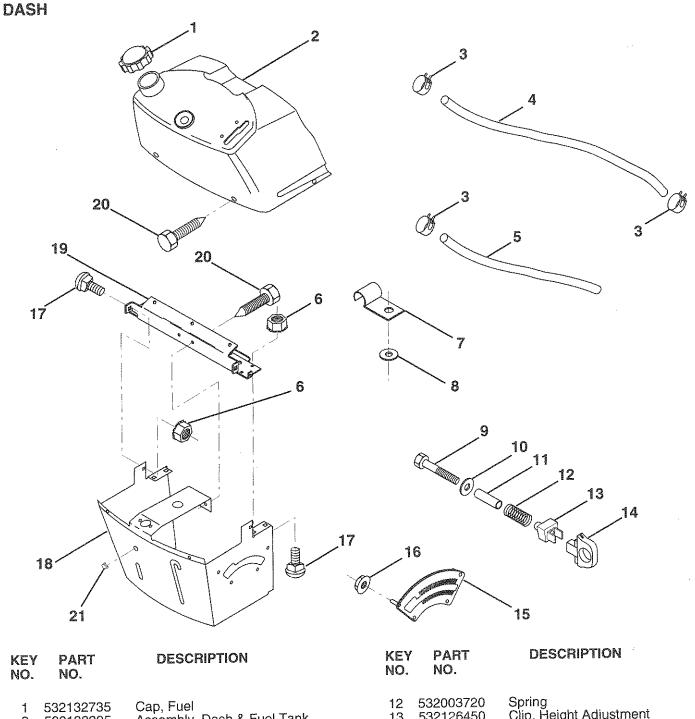
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	532125141	Fender/Footrest	14	873680500	Nut, Crownlock 5/16-18
2	532109238	Tube, Battery Drain	15	873510400	Nut, Keps, Hex 1/4-20 UNC
3	532109596	Clamp, Hose	16	874760512	Bolt, Hex Hd. 5/16-18 UNC x 3/4
4	532129965	Case, Battery	17	532127880	Drawbar
5	532124144	Pad, Footrest	18	532125142	Plate, Asm. Battery
6	817490512	Screw, Hex Wsh. Thrdrol.	19	532124181	Spring, Compression, Seat
•		5/16-18 x 3/4	20	819132012	Washer 13/32 x 1-1/4 x 12 Ga.
7	532131318	Latch, Hood	21	817490612	Screw Self Tapping
8	532131053	Hood/Grill Asm.	22	532124346	Nut, Self-Threading, Washer Head
_		(Includes Key Nos. 9 and 10)			3/16
9	532130986	Lens, L.H.	23	532126470	Clip, Insulated
10	532130985	Lens. R.H.	24	532124602	Bar, Shift Lock
11	532128449	Bracket, Asm. Pivot Frame, L.H.	25	532138314	Console, Shift Control
12	532128808	Bracket, Asm. Pivot Frame, R.H.	26	819091413	Washer 9/32 x 7/8 x 13 Ga.
13	532133384	Assembly, Frame	27	532126938	Bumper, Hood
. •	··	, industrially a resulting	32	817490516	Screw, Hex, Wsh Thd Rol
			•		5/16-18 x 1

12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C) SEAT



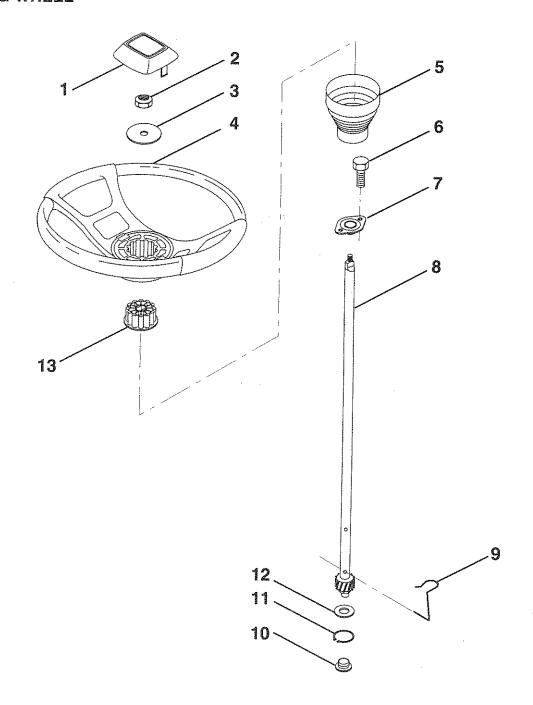
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1 2 3	872050411 532130875 874641008	Bolt, Carriage 1/4-20 x 1-3/8 Seat Screw, Slotted Pan Head #10-32 x 1/2	14	873680600 874780814 810040800	Nut, Crownlock 3/8-16 UNC Bolt, Fin Hex 1/2-13 x 7/8 Gr. 5 Washer, Lock Hvy Hicl Spr 1/2
4 5 6 7 8 9 10	873680500 532105529 532124967 873951000 874760612 532126656 532126471 819133210	Nut, Crownlock 5/16-18 Bolt, Shoulder 5/16-18 UNC Clip, Insulated Nut, Keps #10-32 UNF Bolt, Fin Hex 3/8-16 UNC x 3/4 Bracket, Pivot Seat Clip, Insulated Washer 12/32 x 2 x 10 Ga.	16 17 18 19 20 21 22	819171912 532127018 532121251 532123976 532121248 532121250 532134300 532121246 532131451	Washer, 17/32 x 1-3/16 x 12 Ga. Bolt, Shoulder Strip, Foam Nut, Hex Large Flange Lock Bushing, Snap Spring, Compression Spacer, Split 28 x .96 Bracket, Switch, Mounting Pan, Seat

12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C)



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1 2 3 4 5 6 7 8 9 10 11	532132735 532138395 532123487 532008544 532008548 873510400 532124996 819091216 874760428 819091413 532121249	Cap, Fuel Assembly, Dash & Fuel Tank Clamp, Hose Line, Fuel Line, Fuel Nut, Hex, Keps 1/4-20 Clip, Fuel Line Washer 9/32 x 3/4 x 16 Ga. Bolt, Hex, Fin 1/4-20 x 1-3/4 Washer 11/32 x 11/16 x 16 Ga. Spacer, Split	12 13 14 15 16 17 18 19 20 21	532003720 532126450 532126115 532122023 532124346 872110404 532130745 532134744 817060408 532134014	Spring Clip, Height Adjustment Knob, Height Stop Adjustment, Quadrant Height Nut, Self-Threading 3/16-18 Bolt, Carriage 1/4-20 x 1/2 Gr. 5 Support Assembly, Dash Brace, Cross Screw 1/4-20 x 1/2 Plug, Dome

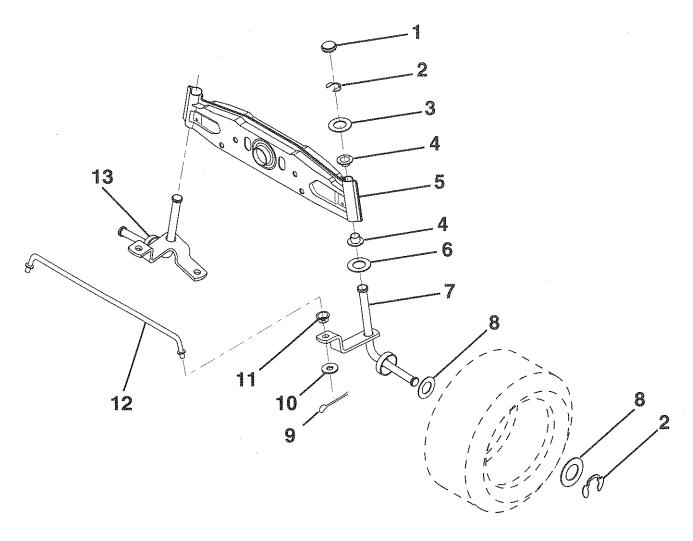
12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C) STEERING WHEEL



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
3 4 5 6	532124416 532124701 819133808 532124415 532127396 817431008 532102803	Insert, Wheel, Steering Nut, Lock 3/8-24 UNF Washer 12/32 x 2-3/8 x 8 Ga. Wheel, Steering Sleeve, Steering Screw, Hex #10-16 x 1/2 TY-B Bushing, Steering	8 9 10 11 12 13	532123651 532124210 532123438 812000045 819211616 532104820	Shaft, Steering Clip, Steering Bushing, Lower, Steering Ring, Retaining Washer 21/32 x 1 x 16 Ga. Adaptor, Wheel, Steering

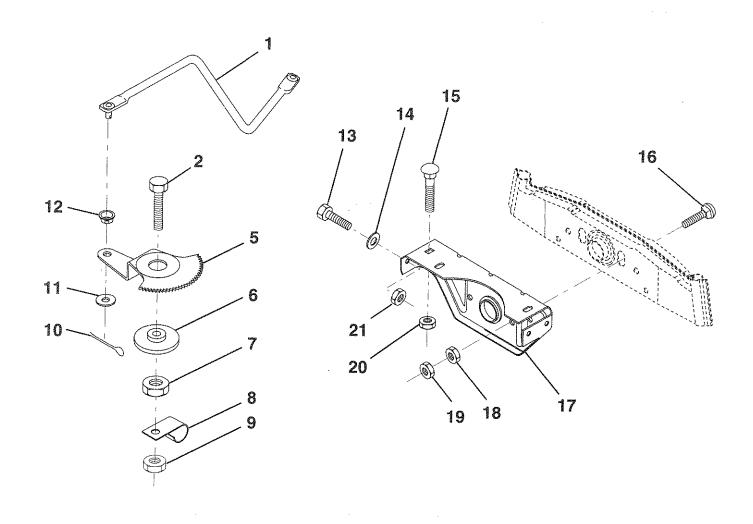
REPAIR PARTS

12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C) FRONT AXLE



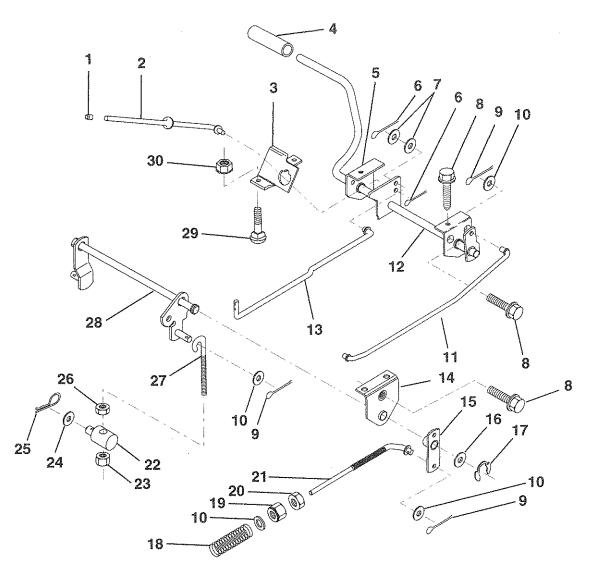
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1 2 3 4 5 6	532121232 812000029 532121748 532121922 532121914 532124931	Cap, Spindle Ring, Clip Washer 25/32 x 1-5/8 x 16 Ga. Nyliner Axle, Front Bearing, Thrust	7 8 9 10 11 12 13	532121919 532121749 876020412 819131316 532126847 532121924 532121916	Spindle, R.H. Asm. Washer 25/32 x 1-1/4 x 16 Ga. Pin, Cotter 1/8 x 3/4 Washer 13/32 x 13/16 x 16 Ga. Bushing Rod, Tie Spindle, L.H. Asm.

12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C) SECTOR GEAR / AXLE SUPPORT



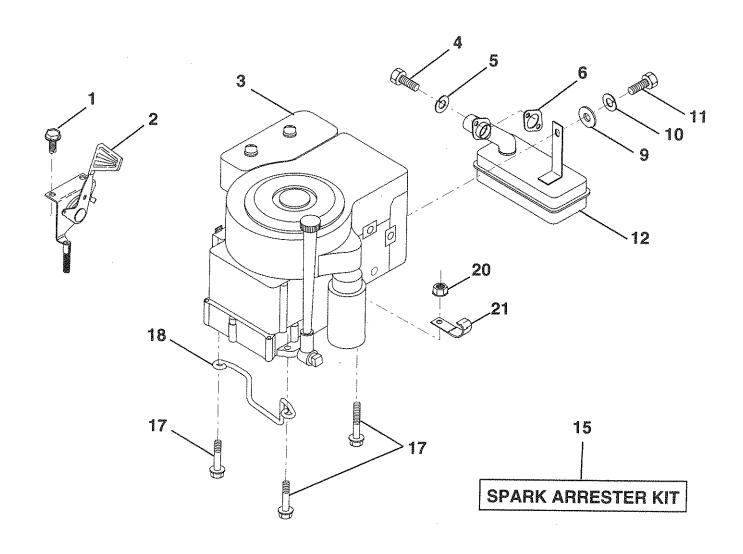
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1 2 5 6 7	532132566 874780828 532121926 532121927 873030800	Link, Drag Bolt, Fin Hex 1/2-13 x 1-3/4 Gear, Sector Bushing Nut, Heavy Hex Top Lock 1/2-13 UNC	13 14 15 16	532126847 874760516 819111416 872110606 872140622	Bushing Bolt, Hex Hd. 5/16-18 UNC x 1 Washer 11/32 x 7/8 x 16 Ga. Bolt, Carriage 3/8-16 UNC x 3/4 Bolt, Carriage
8 9 10 11	532126472 873680800 876020412 819131316	Clip, Insulated Nut, Crownlock 3/8-16 Pin, Cotter 1/8 x 3/4 Washer, 13/32 x 13/16 x 16 Ga.	18 19 20	532121912 873220600 873930600 873680600 873680500	Support, Front Axle Nut, Fin Hex 3/8-16 UNC Nut, Centerlock 3/8-16 UNC Nut, Crownlock 3/8-16 UNC Nut, Crownlock 5/16-18

12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C) BRAKE / REAR MOWER LIFT ASSEMBLY



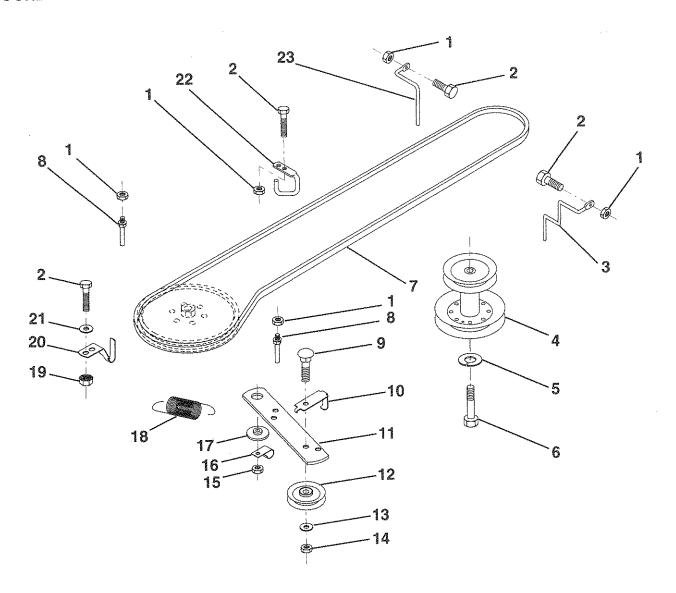
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	532071673 532123436 532123437 532008156 532122504 876020312 819131016 817490508 876020412 819131316 532123543 532123543 53212394 532121978 532123641	Cap, Plunger Rod, Parking Brake Bracket, Parking Brake Cover, Pedal Bracket, Clutch/Brake Pedal, L.H. Pin, Cotter 3/32 x 3/4 Washer 13/32 x 5/8 x 16 Ga. Screw, Hex, Thd. Roll. 5/16-18 x 1/2 Pin, Cotter 1/8 x 3/4 Washer 13/32 x 13/16 x 16 Ga. Rod, Brake Front Assembly, Clutch/Brake Pedal Rod, Clutch Bracket, Lift, Shaft Assembly, Brake, Pivot, Arm	16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	819251816 812000034 532106888 873680600 873350600 532131460 532127378 873680600 819132012 532124961 873930600 532127369 532127358 872110506 873510500	Washer 25/32 x 1-1/8 x 16 Ga. Ring, Klip Spring, Brake Rod Nut, Crownlock 3/8 - 16 Nut, Hex, Jam 3/8-16 UNC Rod, Rear Brake Trunnion, Lift Nut, Crownlock 3/8-16 UNC Washer 13/32 x 1-1/4 x 12 Ga. Spring, Retainer Nut, Centerlock 3/8-16 UNC Link, Threaded Assembly, Rear Mower Lift Bolt, Carriage 5/16-18 UNC x 3/4 Nut, Keps 5/16-16 UNC

12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C) ENGINE / THROTTLE



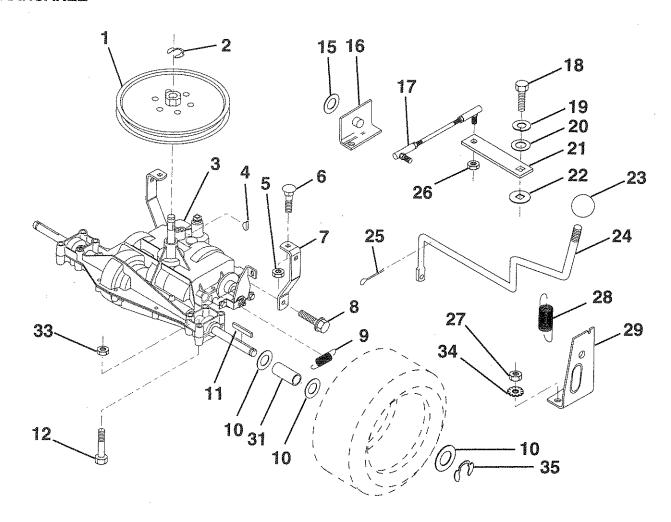
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1 2	817060408 532132752	Screw, Tapping 1/4-20 x 1/2 Control, Throttle	11		Bolt (order from engine
3		Engine, Briggs and Stratton Model No. 283707	12	532137437	manufacturer) Muffler
4	871070512	Screw, Hex, Cap 5/16-18 x 3/4	15	532137180	Arrester, Spark (Optional Equipment)
5	810040500	Washer, Lock Heavy Helical Spring 5/16	17	817490624	Screw, Hex Washer Head, Thdrol. 3/8-16 x 1-1/2
6 9 10	532125593 819101216 810040400	Gasket, Exhaust Washer 5/16 x 3/4 x 16 Washer, Lock Heavy Hlcl Sprg 1/4		532126636 873510600 532124996	Keeper, Ground Drive Belt Nut, Keps 3/8-16 Clip, Fuel Line

12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C) GROUND DRIVE



DESCRIPTION
asher 13/32 x 13/16 x 16 Ga.
ut, Centerlock 3/8-16 UNC
ut, Crownlock 3/8-16 UNC
ip, Insulated
oacer, Retainer
oring Extension
ut, Keps 5/16-18 UNC
eeper, T/A Ground Drive Belt
asher 11/32 x 5/8 x 16 Ga.
eeper, Frame Ground Drive Belt
eeper, Mower Drive, L. H.
•
11100106

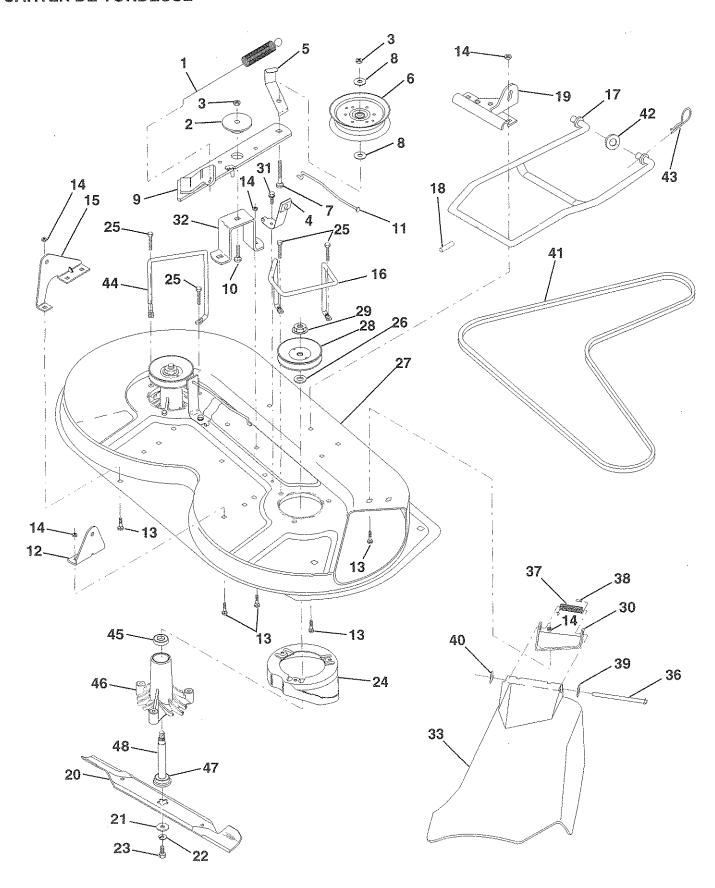
12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C) TRANSAXLE



KEY PART NO. NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1 53212338 2 81200002 3 53213736 4 53212509 5 87368050 6 87214050 7 53212337 8 81749051 9 53211042 10 53212174 11 53212358 12 87476064 15 81917161 16 53212363	8 Ring, Retainer 5 Transaxle, 5 Speed, Dana Model #4360-50 6 Key, Woodruff #9 0 Nut, Crownlock 5/16-18 6 Bolt, Carriage 5/16-18 UNC x 3/4 8 Strap, Torque 2 Screw Thdrol. 5/16-18 x 3/4 2 Spring, Brake 9 Washer 25/32 x 1-1/4 x 16 Ga. Key, Square 4 Bolt Hex 3/8-16 x 2-3/4 6 Washer 17/32 x 1 x 16 Ga 5 Support Handle Shift LH	19 20 21 22 23 24 25 26 27 28 29 31 33 8	871040412 810040400 819091210 532123484 532105701 532106933 532128215 876020416 873810500 873510500 532128085 532128084 532123409 873680600 811050500 812000001	Bolt, Fin Hex 1/4-28 UNF x 3/4 Gr. 8 Washer, Lock 1/4 Washer 9/32 x 3/4 x 10 Ga. Arm, Shift Washer, Shift Plate Knob Handle, Shift Rod Pin, Cotter 1/8 x 1 Nut, Hex Nylon Nut, Keps 5/16-18 Extension, Spring Support Handle Shift RH Spacer, Split Nut, Crownlock 3/8 - 16 Washer, Ext., Tooth, Lock 5/16 E-Ring

PIECES DE RECHANGE

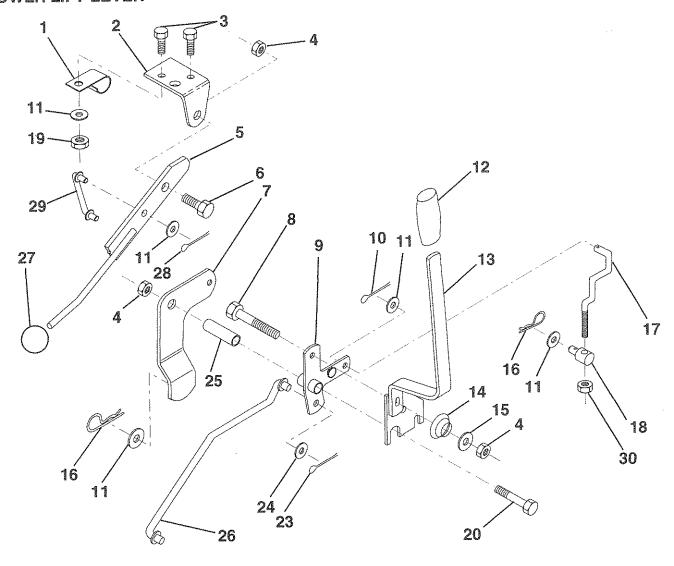
TRACTEUR DE 12 C.V. DE 36 PO. - - LR120, NO. DE PRODUIT 954 00 05-82 (HU1236C) CARTER DE TONDEUSE



12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C) MOWER DECK

NC NC		DESCRIPTION
12345678901112345678911123456789011123456789031	532122052 873680600 532130840 532131251 532123688 872110616 819131410 532127744 872110608 532130841 532127356 872140505 873680500 532127357 532130837 532128508 532128511 532127380	Spring, Mower Clutch Spacer, Retainer Nut, Crownlock Brake Asm. Guide, Belt Idler Pulley, Flat Idler Bolt, Carr. 3/8-16 x 1-3/4 Gr. 5 Washer 13/21 x 7/8 x 10 Ga. Arm Asm., Idler Mower Bolt, Carriage 3/8-16 x 1 Rod, Brake Bracket, Lift R. H. Rear Bolt, Carriage 5/16-18 x 5/8 Nut, Crownlock 5/16-18 Bracket, Lift L. H. Rear Keeper, R. H. Link, Asm. Mower Stabilizer Pin, Drive Bracket, Asm. Front Blade Washer, Hard Washer, Hard Washer, Lock 3/8 Bolt 3/8-24 x 1-1/4 Gr. 8 Stripper Bolt 5/16-18 x 1-1/4 Washer .150 Thk. Deck Assembly Pulley, Mandrel Nut, Centerlock 9/16 Bracket, Asm. Deflector Screw, Hex Wsh. Thdrol.
32 33 36 37 38 39 40 41 42 43 44 45 46 47 48	532121980 532123713 532105304 819111016	5/16-18 x 1/2 Arm, Support Idler Mower Deflector Rod, Hinge Spring, Torsion Deflector Cap, Sleeve Washer 11/32 x 5/8 x 16 Ga. Pushnut V-Belt Washer 11/32 x 5/8 16 Ga. Retainer, Spring Keeper, L. H. Bearing Housing Mandrel Vented Bearing Shaft, Mandrel (Includes Key No. 47) Mandrel Asm. (Includes Key Nos. 21-23, 26, 29 and 45-48) Deck Service Complete

12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C)
MOWER LIFT LEVER

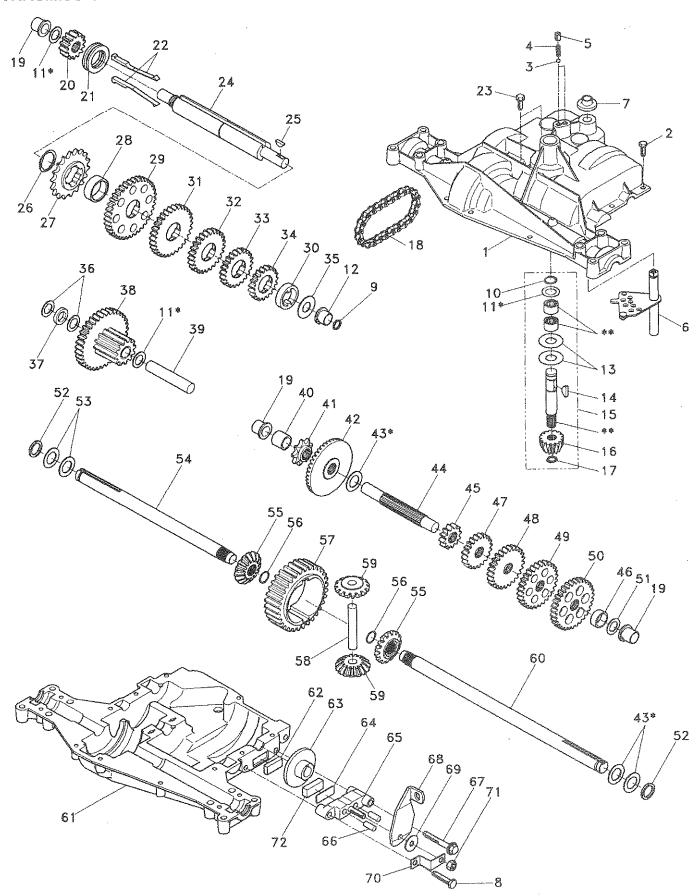


KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1 2 3 4 5 6 7 8 9 10 11 12 13 14	532126470 532122018 874780408 873680600 532123417 532106451 532135371 874760636 532121930 876020412 819131316 532131861 532139352 532123496	Clip, Insulated Bracket, Mower Clutch Bolt, Fin. Hex 1/4-20 UNC x 1/2 Gr. 5 Nut, Crownlock 3/8-16 UNC Assembly, Clutch Lever Bolt, Shoulder Assembly, Mower Clutch Arm Bolt, Hex 3/8-16 UNC x 2-1/4 Assembly, Bracket Lift Pin, Cotter 1/8 x 3/4 Washer 13/32 x 13/16 x 16 Ga. Grip, Handle Assembly, Lift Handle Spring, Compression	15 16 17 18 19 20 23 24 25 26 27 28 29 30	819131212 532124961 532127359 532133205 873680400 874760644 876020416 819171616 532121933 532121934 532106932 876020312 532131655 873350600	Washer 13/32 x 3/4 x 12 Ga. Retainer, Spring Link, Front Lift Trunnion, Threaded 3/8-16 Nut, Crownlock 1/4-20 Bolt, Fin. Hex 3/8-16 UNC x 2-3/4 Pin, Cotter 1/8 x 1 Washer 17/32 x 1 x 16 Ga. Tube, Spacer Rod, Mower Lift Knob Pin, Cotter 3/32 x 3/4 Link, Mower Clutch Nut, Hex 3/8-16

SERVICE NOTES

PIECES DE RECHANGE

TRACTEUR DE 12 C.V. DE 36 PO. - - LR120, NO. DE PRODUIT 954 00 05-82 (HU1236C)
TRASMISSION DANA - NUMÈRO DE MODÉLÈ 4360-50



12 HP 36" TRACTOR - - LR120, PRODUCT NO. 954 00 05-82 (HU1236C) DANA TRANSAXLE MODEL NUMBER 4360-50

	Y PART . NO.	DESCRIPTION		PART NO.	DESCRIPTION
1 2	532138248 532002274	Housing, Upper Screw, Self-Tapping, Large 1/4-20 x .734	40 41	532120472 532105928	Spacer .635 x .875 x .755 Sprocket, 9 Teeth
3 4	532134400 532105904	Ball, Detent Spring, Detent	42 43 44	532110084 532134394 532120473	Gear, Bevel, 42 Teeth * Assembly, Kit, Shim .750 Shaft Shaft, Drive
5 6 7	532105905 532138235 532134399	Screw, Set Kit, Shifter Assembly Boot, Shifter	45 46 47	532105933 532105936 532120407	Gear, Spur, 12 Teeth Spacer .781 x 1.00 x .375 Gear, Spur, 20 Teeth
8 9	532106596 532138241	Screw, Self-Tapping, Large 5/16-18 x 1.44 Square Ring	48 49 50	532106589 532120408 523105937	Gear, Spur, 25 Teeth Gear, Spur, 28 Teeth
10 11 12	532002267 532134793 532138240	Ring, Retaining * Assembly, Kit, Shim .625 Shaft Bearing, Flange	51 52	532002226 532134401	Gear, Spur, 31 Teeth Washer, Plain .632 x 1.00 x .060 Washer, Neoprene
13 14 15	532120415 532002257	Washer, Plain .632 x 1.38 x .046 Key, Woodruff, #9	53 54 55	532002264 532123907 532110081	Washer, Plain .758 x 1.25 x .031 Axle, L.H. Gear, Miter, 15 Teeth
16 17	532138234 532110078 532105909	Assembly, Kit, Input Shaft Pinion, Bevel, 14 Teeth Ring, Retaining	56 57 58	532105941 532110071 532120952	Ring, Retaining Gear, Spur, 32 Teeth Shaft, Cross
18 19 20	532105910 532105911 532138242	Chain, 24 Pitches Bearing, Flange Gear, Spur, 14 Teeth	59 60 61	532110082 532123908 532138247	Gear, Miter, 15 Teeth Axle, R.H.
21 22 23	532138246 532138236 532134791	Collar, Clutch Assembly, Kit, Clutch Keys	62 63	532120961 532007294	Housing, Lower Puck, Friction Disc, Brake
24 25	532138243 532002244	Screw, Self-Tapping, with Sealer Shaft, Intermediate Key, Woodruff, #61	65 66	532108989 532120953 532120954	Spacer Jaw, Brake Pin, Dowel
26 27 28	532105916 532120470 532110070	Ring, Retaining Sprocket, 18 Teeth Spacer		532134799 532138244	Screw, Self-Tapping, Large 5/16-18 x 2.25 Lever, Actuating
29 30 31	532108977 532134797 532120405	Gear, Spur, 37 Teeth Spacer 1.133 x 1.50 x .375 Gear, Spur, 30 Teeth	69 70	532108996 532120956 873810500	Washer, Plain .321 x 1.00 x .055 Bracket, Anti-Rotation
32 33 34	532108980 532120406 532134796	Gear, Spur, 25 Teeth Gear, Spur, 22 Teeth	72	532120951 532120416	Locknut 5/16-24 Puck, Friction Grease
35 36 37	532105925 532002232	Gear, Spur, 19 Teeth Washer, Plain .640 x 1.37 x .061 Washer, Plain .632 x 1.00 x .026			nations to maintain proper clearances
38	532108978 532110079	Spacer .630 x 1.00 x .169 Assembly, Gear, Combination of 12 Teeth and 35 Teeth		Order Key No E: All compon	. 15 ent dimensions given in U.S. inches
39	532124639	Shaft, Idler	- A varie of Ros	1 inch = 25.	4 mm