# **Husqvarna**



# LOYTH20F42T

**Repair Parts Manual** 

### **HOW TO USE THIS MANUAL**

This manual is designed to provide the customer with a means to identify the parts on his/her tractor when ordering repair parts. The illustrations may or may not represent the actual assemblies; therefore, it is not recommended to use this manual as a guide to assemble or disassemble the tractor. Some hardware and parts are drawn larger in order to more readily identify them. Each tractor has its own model number.

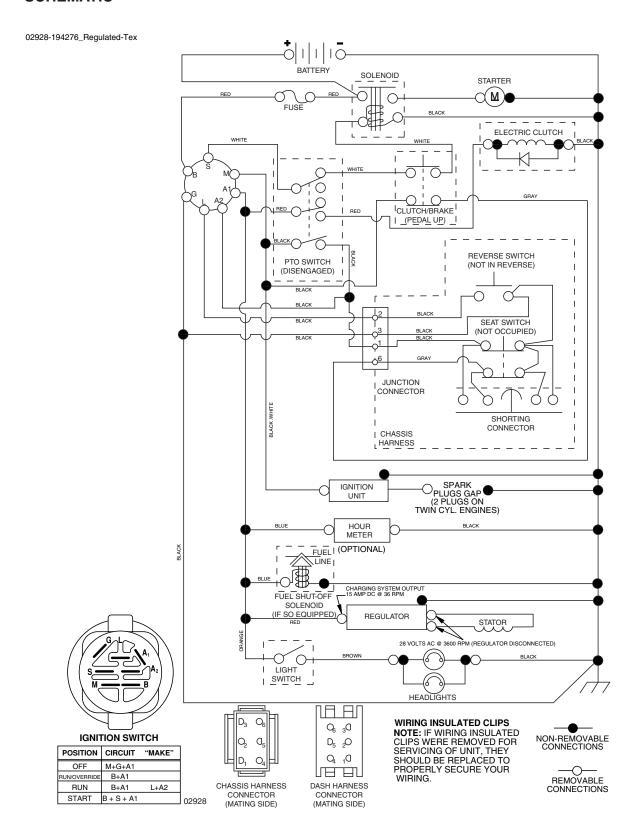
The model number for your tractor can be found on the fender under the seat. When ordering parts, always give the following information:

- Product "Tractor"
- Model Number "LOYTH20F42T (96045000200)"
- Part Number
- Part Description

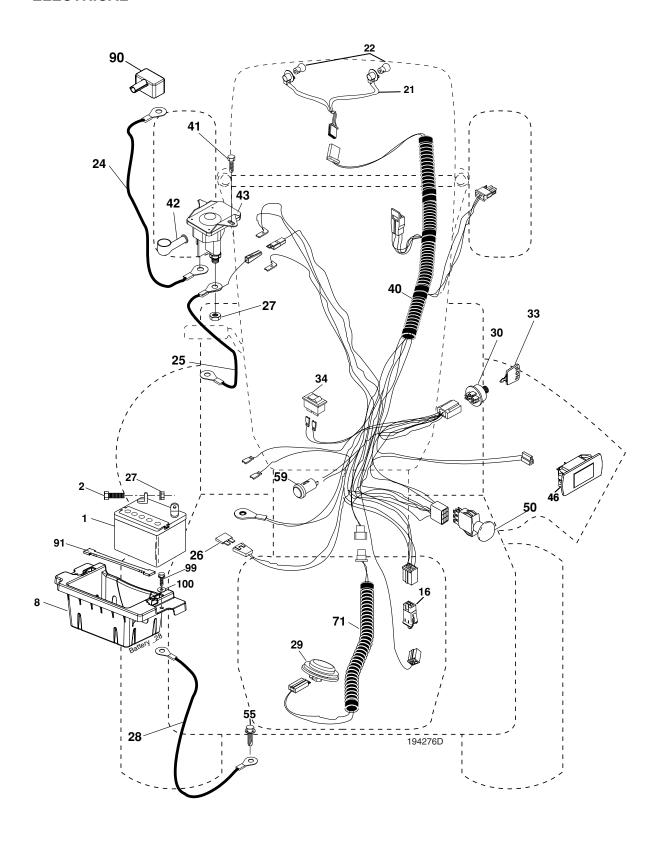
### **TABLE OF CONTENTS**

SCHEMATIC	
ELECTRICAL	4-5
CHASSIS	
STEERING	
DRIVE	
ENGINE	
MOWER LIFT	11
SEAT	
DECALS	13
MOWER DECK	14-15
WARRANTY	16

## TRACTOR - - MODEL NUMBER LOYTH20F42T (96045000200), PRODUCT NO. 960 45 00-02 SCHEMATIC



TRACTOR -- MODEL NUMBER LOYTH20F42T (96045000200), PRODUCT NO. 960 45 00-02 ELECTRICAL

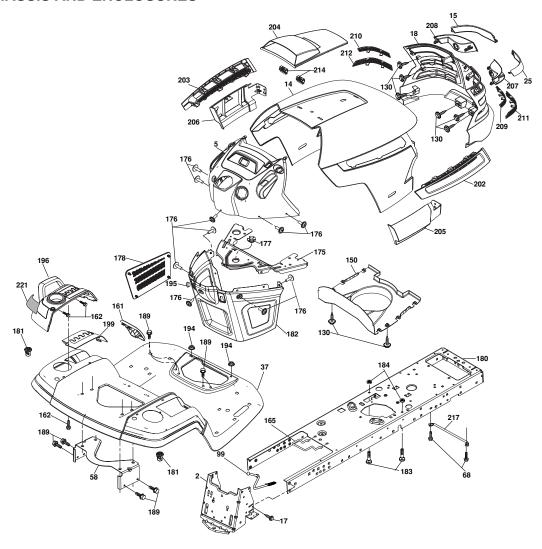


# TRACTOR - - MODEL NUMBER LOYTH20F42T (96045000200), PRODUCT NO. 960 45 00-02 ELECTRICAL

KEY NO.	PART NO.	DESCRIPTION
1 2 8 16 21 22 24 25 26 27 28 29 30 33 40 41 42 43 46 55 71 90 91	532 14 49-27 874 76 04-12 532 18 64-91 532 17 61-38 532 18 37-59 532 00 41-52 532 40 02-53 532 19 88-93 532 17 51-58 873 51 04-00 532 14 54-91 532 40 15-45 532 19 33-50 532 14 04-01 532 11 07-12 532 19 42-76 817 72 04-08 532 13 15-63 532 19 25-07 532 19 81-38 532 19 61-12 817 49 05-12 532 40 11-04 532 18 04-49 532 19 02-70	Battery Bolt Hex Head 1/4-20 x 3/4 Box Battery Switch Interlock Push-In Harness Socket Light W/4152J Bulb Light Cable Btry Cable Starter Fuse Nut Keps Hex 1/4-20 unc Cable, Ground Switch, Seat Switch, Ign Key, Ignition Switch Light / Reset Harness Ign. Screw Thd Cut 1/4-20 x 1/2 Cover, Terminal Solenoid Guage Hourmeter
100		Washer 9/32 x 7/8 x 16 Ga.

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

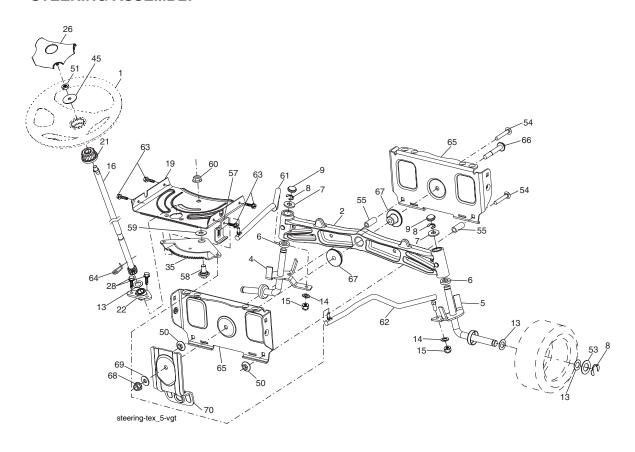
TRACTOR - - MODEL NUMBER LOYTH20F42T (96045000200), PRODUCT NO. 960 45 00-02 CHASSIS AND ENCLOSURES



chassis-tex\_9-gt-husq

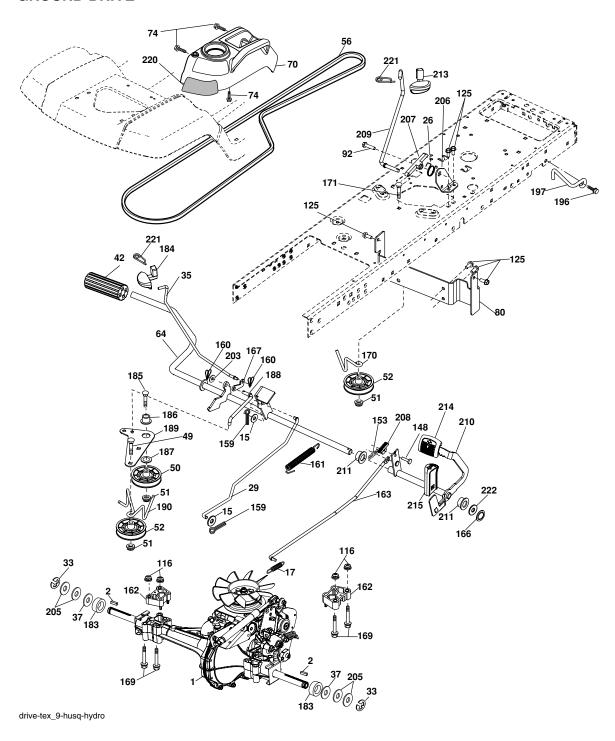
	cnassis-tex_9-gi	t-nusq			
KEY	PART		KEY	PART	
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
2	532 40 11-40		183	874 78 05-20	Bolt fin Hex 5/16-18 unc x
5	532 40 32-05				1-1/4
14	532 40 18-24	Hood			Spacer Fender
15	532 19 89-07		189	817 00 05-12	Screw 5/16-18 x 3/4
17	817 06 06-12	Screw 3/8-16 x .75			Nut Lock Hex Flange 5/16-18
18	532 40 02-97	Grille/Lens Asm.	195	532 19 90-18	Plug 12V Adapter Čaplug
25	532 19 89-06	Lens RH			Console Asm. Deck Lift
37	532 40 18-25	Fender	199	532 19 82-59	Plate Deck Lift
58	532 19 43-14	Bracket Support Fender	202	532 40 30-48	Vent Side Hood RH
68	817 49 05-08	Screw Thdrol 5/16-18 x 1/2	203	532 40 30-76	Vent Side Hood LH
99	532 19 82-53	Rod Asm Bypass	204	532 19 89-04	Vent Top
130		Screw 10 x 3/4 Single Lead-	205	532 40 17-09	Skirt Side RH
		Hex	206	532 40 17-11	Skirt Side LH
150	532 19 85-13	Air duct	207		
161	532 40 18-26	Console Fuel Window	208	532 19 71-99	Bezel LH
162	532 14 24-32	Screw	209	532 19 91-30	Insert Hex Top RH
165	532 19 43-30	Support Tank Rear	210	532 19 91-31	Insert Hex Top LH
175	532 19 63-04	Crossmember	211		Insert Hex Bot. RH
176	532 40 07-76	Screw #10-24 x 5/8 Rnd			Insert Hex Bot. LH
		Qudrx Gim	214	532 19 91-45	Clip Retainer Tinner
177	532 19 52-27	Bushing Steering			Rod Pivot Chassis/Hood
178	532 19 97-82	Cargo Asm. Net	221	532 19 89-09	Reflector LH
180	532 19 42-60	Chassis			
181	532 40 30-25	Bushing Mtg. Fender Crgo			ent dimensions given in U.S.
182	532 19 47-87	Dash Lower	inche	s 1 inch = 25.4	mm

TRACTOR - - MODEL NUMBER LOYTH20F42T (96045000200), PRODUCT NO. 960 45 00-02 STEERING ASSEMBLY



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
NO.  1 2 4 5 6 7 8 9 13 14 15 16 19 21 22 26 28 35 45	NO.  532 19 39-43 532 19 59-68 532 19 47-43 532 12 49-31 532 12 17-48 812 00 00-29 532 12 12-32 532 12 17-49 810 04 06-00 873 54 06-00 532 19 47-46 532 19 47-29 532 18 67-37 532 19 48-45 532 19 36-52 817 00 06-12 532 19 47-32 819 18 38-12	Wheel, Steering Axle Asm., Front Spindle Asm., LH Spindle Asm., RH Bearing, Race Thrust Harden Washer 25/32 x 1-5/8 x 16 Ga. Ring, Klip #T5304-75 Cap, Spindle Washer 25/32 x 1-1/4 x 16 Ga. Washer, Lock Hvy Hlcl Spr 3/8 Nut, Crown Lock 3/8-24 unf Shaft Steering Plate Steering Adapter, Wheel Steering Bushing, Strg. Blk Insert, Wheel Steering Screw 3/8-16 x 3/4 Gear, Sector Plate Washer 9/16 ID x 2-3/8 OD x 12 Ga.	NO. 53 54 55 57 58 59 60 61 62 63 64 65 66 67 68 69 70	NO. 532 18 89-67 874 76 06-36 532 19 76-36 532 19 72-46 532 19 47-48 873 97 10-00 532 19 47-40 532 19 47-41 817 00 05-12 532 19 98-49 532 19 47-34 871 02 07-48 532 19 47-37 873 90 07-00 532 19 91-62 532 19 61-97	Washer Hardened .793 x 1.637 x .060 Bolt Hex 3/8-16 unc x 2-1/4 Spacer Brace Axle Bracket Upstop Bolt Shoulder Sector Pivot CFM Washer Thrust Sector Steering Nut Flange Lock 5/8-11 Draglink LH
50 51		Nut Lock 3/8-16 unc Nut Hex Jam Toplock 1/2-20 unf		s 1 inch = 25.4	

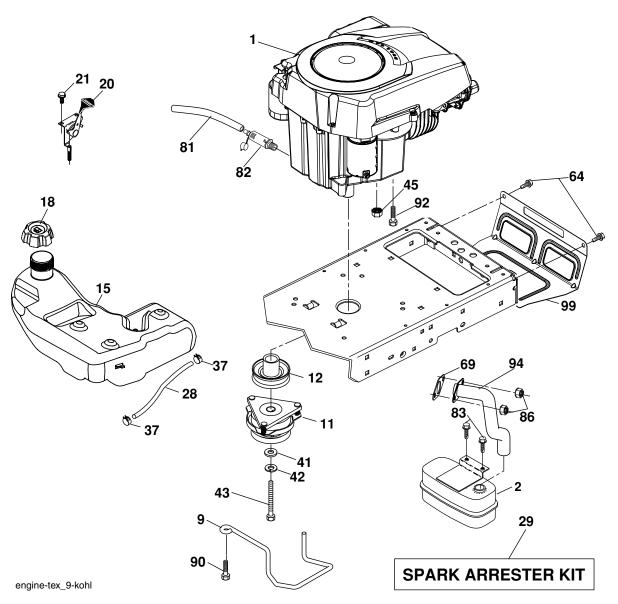
TRACTOR - - MODEL NUMBER LOYTH20F42T (96045000200), PRODUCT NO. 960 45 00-02 GROUND DRIVE



# TRACTOR - - MODEL NUMBER LOYTH20F42T (96045000200), PRODUCT NO. 960 45 00-02 GROUND DRIVE

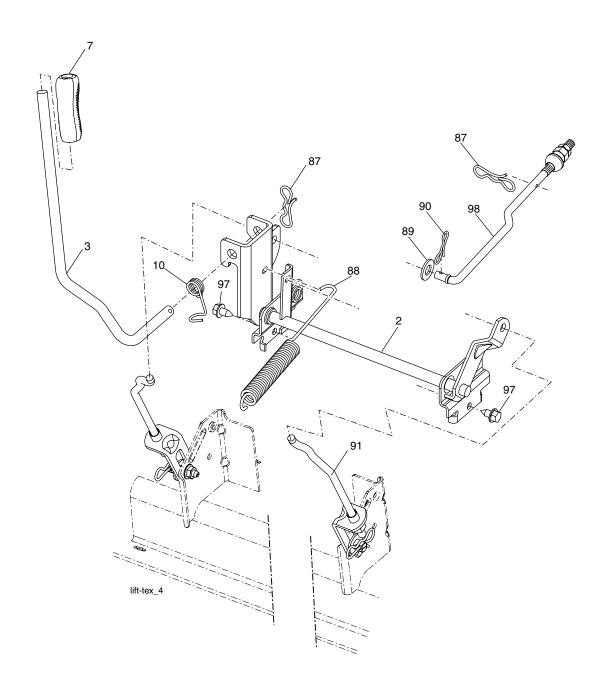
KEY	PART		KEY	PART	
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1		Transaxle, Hydro HG0510	166	532 19 72-90	Nut Push .625
		(Order Parts from Transaxle	167		Latch Brake Parking
0	E00 10 0E 00	Manufacturer)	169		Bolt Hex Flngd 5/16-18 x 3.75
2 15	532 12 35-83	Washer 13/32 x 13/16 x 16 Ga.	170 171	872 11 06-16	Keeper Belt Čenterspan
17	532 19 72-96	Spring, Brake		532 13 70-57	
26	532 19 96-79	Spring Return Cruise	184	532 40 31-18	Handle Parking Brake
29	532 19 94-67	Rod, Brake		872 11 06-20	
33	812 00 00-01	Ring E	186		Spacer Retainer
35	532 19 95-91	Rod, Brake, Park	187		
37 42	532 12 17-49		188 189		Link Clutch Ground Drive Bellcrank Ground Drive
42 49	872 11 06-14	Cover, Foot Pedal			Keeper Bellcrank Ground Drive
50		Pulley Idler Flat			Screw 3/8-16 x 1
51		Lock Nut 3/8-16	197		Bracket Clutch Anti-Rotation
52		Idler V-Groove 910" Offset	203		Washer 11/32 x 11/16 x 16 Ga.
56	532 14 02-18		205	532 12 17-48	
64 70		Shaft Asm. Pedal Brake Control Console Asm.	206 207		Bracket Mount Latch Cruise Latch Control Cruise
70 74		Screw Hex Washer Hi-Lo			Bolt Sector Control Cruise
′ '	002 112102	1/4 x 1/2 unc			Rod Conrtrol Cruise
80	532 40 05-07	Bracket Strap Torque		532 19 78-60	Rocker Asm. Pdeal Control
92	874 76 05-20	Bolt Fin Hex 5/16-18 unc x 1.25	211		Bearing Nylon
116		Nut Lock Hex Flange 5/16-18	213		Knob Control Cruise
125 148		Screw 5/16-18 x 3/4 Screw 3/8-16 x 3/4	214 215	532 40 17-22	Pad Pedal Forward Pad Pedal Reverse
153		Retainer Spring	220		
159	876 02 04-12	Pin Cotter 1/8 x 3/4	221		Retainer Spring Clip Handle
160	532 16 94-84		222		Washer Flat
161	532 19 54-03	Spring, Return, Clutch			
162	532 19 57-85	Spacer Transaxle	NOT	E: All compone	ent dimensions given in U.S.
163	532 19 90-00	Rod Pedal Control	inche	s 1 inch = 25.4	ł mm

TRACTOR - - MODEL NUMBER LOYTH20F42T (96045000200), PRODUCT NO. 960 45 00-02 ENGINE



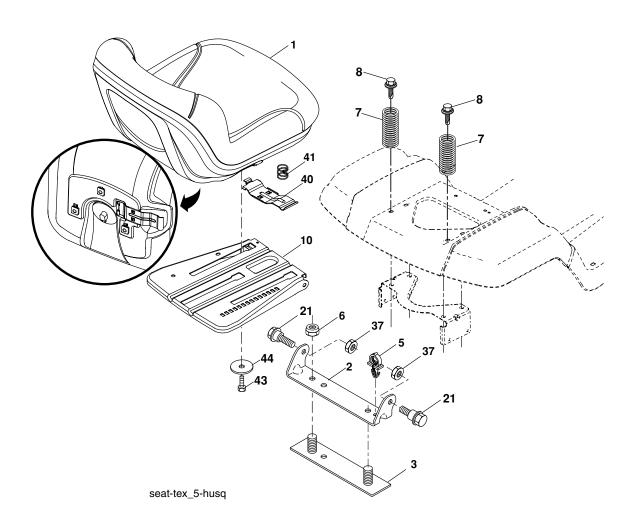
KEY NO.	PART NO. DESCRIPTION	KEY NO.	PART NO. D	ESCRIPTION
1 2 9 11 12 15 18 20	Engine Kohler Mo 532 18 86-55 Muffler 532 19 43-19 Keeper Belt Engi 532 18 05-05 Clutch Ogura 532 19 43-38 Pulley Engine 532 19 34-99 Tank Fuel 4.0 532 19 42-67 Cap Asm 532 40 15-08 Control Throttle	del No. SV600 81 82 ne 83 86 90 92 94	532 14 84-56 532 18 16-54 532 17 18-77 532 18 43-62 <b>817 00 06-16</b> 817 12 06-16 532 18 86-54	Tube Drain Oil Easy Plug Drain Oil Bolt 5/16-18 unc x 3/4 w/Sems Nut Hex Flange Toplock M8- 1.25 Screw 3/8-16 x 1 Screw 3/8-16 x 1 Tube Exhaust
21 28	817 72 04-08 Screw Thd Cut 1/ 532 40 11-35 Fuel Line			Shield Browning/Debris
29 37 41	532 13 71-80 Spark Arrester Ki 532 12 34-87 Clamp Hose 532 12 61-97 Washer 1-1/2 OD	inche	es 1 inch = 25.4	
42	.250 810 04 07-00 Washer Lock 7/1	toll fr	ee number for y	nd replacement parts, call the our engine manufacturer listed
43 45 64	532 17 39-37 Bolt Hex 7/16-20 873 51 04-00 Nut Keps Hex 1/4 817 00 06-12 Screw Hexwsh TI 3/8-16 x 3/4	x 4 Gr. 5 Brigg -20 unc Kohl ndrol Tecu	gs & Stratton er Co. mseh Products	1-800-233-3723 1-800-544-2444 1-800-558-5402
69	532 18 59-09 Gasket	Kawa	da Engines asaki 1-949-460	1-800-426-7701 0-5688

TRACTOR - - MODEL NUMBER LOYTH20F42T (96045000200), PRODUCT NO. 960 45 00-02 LIFT ASSEMBLY



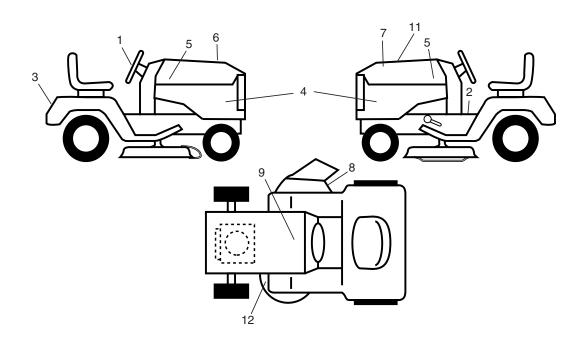
<b>KEY</b>	PART		<b>KEY</b>	PART	
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
2	532 19 52-23	Shaft Asm., Lift	91	532 19 51-81	Link Lift Susp Mower Rear
3	532 19 52-30	Lever Asm., Lift Rh	97	817 06 06-12	Screw 3/8-16 x .75 Smgml
7	532 19 64-92				Tap/R.Z
10	532 19 63-14	Spring Torsion	98	532 19 52-70	Link Lift Susp. Front Mower
87	532 19 42-09	Pin Cotter 7/16 Bow Tie Lock			·
88	532 19 53-04	Spring Lift Assist	NOTE	: All componer	nt dimensions given in U.S.
89			inches	1 inch = 25.4	mm
90	532 19 42-08	Pin Cotter 5/16 Bow Tie Lock			

TRACTOR - - MODEL NUMBER LOYTH20F42T (96045000200), PRODUCT NO. 960 45 00-02 SEAT ASSEMBLY



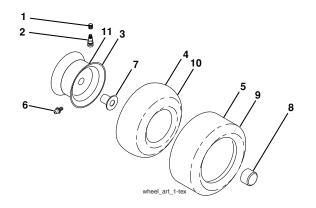
KEY	PART		<b>KEY</b>	PART	
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	532 19 75-26	Seat	21	532 17 18-52	Bolt, Shoulder 5/16-18
2	532 18 01-66	Bracket Pivot Fender	37		Nut, Lock 5/16-18 unc
3		Strap, Asm Fender	40	532 19 76-61	Handle Slide Seat
5		Clip, Push In, Hinged	41	532 19 82-00	Spring Latch Seat
6		Nut, Lock W/Ins. 3/8-16 unc	43	874760612	Bolt Fin Hex 3/8-16 unc x 3/4
7	532 12 41-81	Spring, Seat Cprsn	44	819133812	Washer 13/32 x 2-3/8 x 12 Ga.
8	532 17 18-77	Bolt 5/16-18 uncx 3/4 w/Sems	NOTE	: All componer	nt dimensions given in U.S. inches
10	532 19 69-77	Pan, Seat		1 inch = 25.4	· ·

TRACTOR - - MODEL NUMBER LOYTH20F42T (96045000200), PRODUCT NO. 960 45 00-02 DECALS



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1 2 3 4 5 6 7 8	532 40 26-51 532 19 15-54 532 40 25-92 532 40 28-32 532 40 21-28	Decal, Steering Decal, Oper/Warn Decal, Fender Decal, Side Panel Decal, Hood Logo Decal, Hood Top Insert Decal, Hood Cust. Resp. Decal "B"	9 11 12 	532 40 25-23 532 16 03-96 532 16 69-60 532 40 17-71 532 40 17-70	Decal, Battery Dnge/Poi Decal, RPL Koh 20 HP Decal, Mower V-Belt Sche- matic Decal, Bypass Pad, Footrest, LH Pad, Footrest, RH Manual, Operator's
J	302 17 31-20	D00ai, D			Manual, Repair Parts

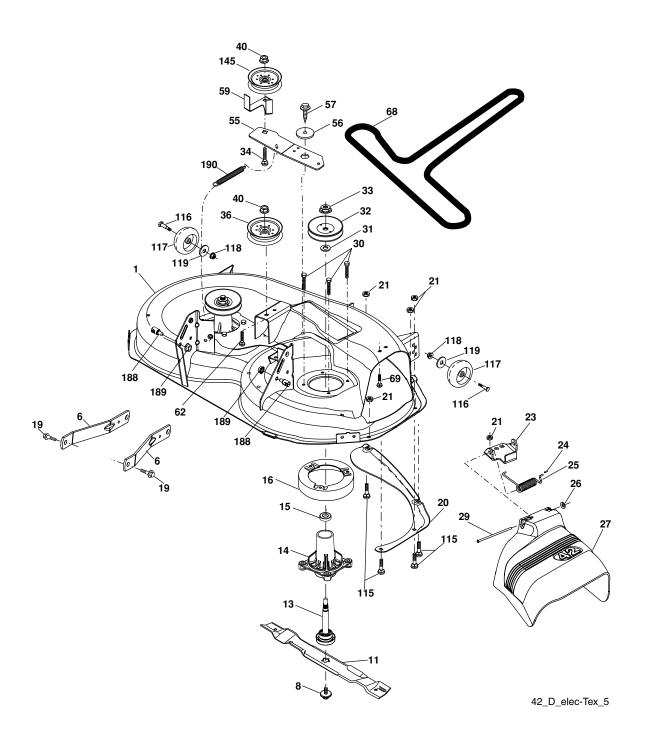
#### WHEELS & TIRES



KEY NO.	PART NO.	DESCRIPTION
1		Cap Valve Tire
2	532 06 51-39	Rim Asm 6" front Service
2 3 4 5		Tube Front (Service Item Only)
		Tire F T 15 x 6 0 - 6 Service
6	532 12 49-57	Fitting Grease (Front Wheel Only)
7	532 12 49-59	Bearing Flange (Front Wheel Only)
8	532 17 50-39	Cap Axle Blk 1 50 x 1 00
9	532 13 84-68	Tire RT 18 x 9.5-8 Service
10 11	532 13 83-37	Tube Rear (Service Item Only) Rim Asm 8" rear Service
	532 14 43-34	Sealant, Tire (10 oz. Tube)

**NOTE:** All component dimensions given in U.S. inches1 inch = 25.4 mm

TRACTOR - - MODEL NUMBER LOYTH20F42T (96045000200), PRODUCT NO. 960 45 00-02 MOWER DECK



# TRACTOR - - MODEL NUMBER LOYTH20F42T (96045000200), PRODUCT NO. 960 45 00-02 MOWER DECK

	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1 6 8 11	532 19 51-86 532 19 30-03	Mower Housing Arm Suspension Bolt/Washer asm 7/16-20 unf Blade, 42" Hi-Lift (For bagging or displayed)	36 40 55 56 57	873 90 06-00 532 19 72-49 532 19 90-92	Pulley, Idler, Flat Nut, Lock Flg. 3/8-16 unc Arm, Idler Spacer, Retainer Screw 3/8-16 x 1
		(For bagging or discharge) Blade, 42" Mulching Std (For mulching mowers only)	59 62	532 17 34-42	Guard, Tuv Idler Bolt Rd Hd Sq Nk
	532 13 97-75	Blade, 42" Mulching Premium (For better wear when mulching)	68 69		
13 14 15 16 19	532 18 72-81 532 11 04-85 532 17 44-93	Shaft Assembly, Mandrel Housing, Mandrel Bearing, Ball, Mandrel Stripper, Mower Deck Bolt, Shoulder	115 116 117 118 119	532 18 42-19 532 17 48-73 873 93 06-00	Bolt Carr. 5/16-18 x 5/8 Bolt, Shoulder Wheel, Gauge Nut, Crownlock 3/8-1 Washer 13/32 x 7/8 x 14 Ga.
20 21 23 24	532 15 97-70 873 68 05-00	Baffle, Vortex Nut, Crownlock 5/16-18 unc Bracket, Deflector	145 188 189 190	532 17 79-68 532 19 51-61 873 90 05-00 532 19 72-51	Pulley Idler Stud Fastener Nut Lock Hex Flange Spring Mower Drive Electric
25 26 27	532 19 70-26 532 11 04-52	Spring, Torsion, Deflector		532 19 28-70	Mandrel Assembly (Includes housing, shaft and shaft hard- ware only-pulley not included)
29 30 31	532 13 14-91 532 17 39-84 532 18 76-90	Rod, Hinge Screw Thdrol Rolling Wsh Hd Washer, Spacer		532 40 12-24	Replacement Mower, Complete
32 33 34	532 40 02-34	Pulley, Mandrel Nut, Toplock, Flanged Bolt Carr Sh. 3/8-16 x 1-1/2 Gr. 5		E: All componen s1 inch = 25.4 r	t dimensions given in U.S. nm

#### **WARRANTY**

#### **SECTION 1: LIMITED WARRANTY**

Husqvarna Forest & Garden Company ("Husqvarna") warrants Husqvarna product to the original purchaser to be free from defects in material and workmanship from the date of purchase for the "Warranty Period" of the product as set forth below:

2 YEAR NON-COMMERCIAL WARRANTY: Automatic Mower, Riding lawn mowers, yard and garden tractors, walk behind mowers, tillers, chain saws, trimmers, brushcutters, clearing saws, snow blowers, handheld blowers, backpack blowers, hedge trimmers, electrical products and power-assist collection systems for noncommercial, nonprofessional, noninstitutional or nonincome producing use, except as herein stated.

Emission control system components necessary to comply with CARB-TIER-II and EPA regulations.

Husqvarna Safety Apparel carries a 90-day warranty from the date of the customer's original purchase for defects in material and workmanship. Normal wear, tear or abuse is not covered under warranty. Product must be returned to Charlotte with a warranty claim form. All care and maintenance instructions must be followed as stated by the manufacturer on the care label. The fit of the protective apparel/boot is not covered under warranty.

### SECTION 2: HUSQVARNA'S OBLIGATIONS UNDER THE WARRANTY

Husqvarna will repair or replace defective components without charge for parts or labor if a component fails because of a defect in material or workmanship during the warranty period.

#### SECTION 3: ITEMS NOT COVERED BY THIS WAR-RANTY

The following items are not covered by this warranty:

- (1) Normal customer maintenance items which become worn through normal regular use, including, but not limited to, belts, blades, blade adapters, bulbs, filters, guide bars, lubricants, rewind springs, saw chain, spark plugs, starter ropes and tines;
- (2) Natural discoloration of material due to ultraviolet light:
- (3) Lawn and garden attachments are covered by a third party which gives a warranty, all claims for warranty should be sent to the manufacturer; and
- (4) Emission Control System components necessary to which are manufactured by third party engine manufacturer.

### SECTION 4: EXCEPTIONS AND LIMITATIONS This warranty shall be inapplicable to defects resulting

This warranty shall be inapplicable to defects resulting from the following:

- (1) Accident, abuse, misuse, negligence and neglect, including stale fuel, dirt, abrasives, moisture, rust, corrosion, or any adverse reaction due to incorrect storage or use habits;
- (2) Failure to operate or maintain the unit in accordance with the Owner's/Operator's manual or instruction sheet furnished by Husqvarna;
- (3) Alterations or modifications that change the intended use of the product or affects the product's performance, operation, safety, or durability, or causes the product to fail to comply with any applicable laws; or:
- (4) Additional damage to parts or components due to continued use occurring after any of the above.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE PURCHASER. HUSQVARNA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUEN-TIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THESE PRODUCTS EXCEPT TO THE EXTENT PROHIBITED BY AP-PLICABLE LAW. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICU-LAR PURPOSE ON THESE PRODUCTS IS LIMITED IN DURATION TO THE WARRANTY PERIOD AS DEFINED IN THE LIMITED WARRANTY STATEMENT. HUSQVARNA RESERVES THE RIGHT TO CHANGE OR IMPROVE THE DESIGN OF THE PRODUCT WITHOUT NOTICE, AND DOES NOT ASSUME OBLIGATION TO UPDATE PREVIOUSLY MANUFAC-TURED PRODUCTS.

Some states do not allow the exclusion of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SECTION 5: CUSTOMER RESPONSIBILITIES
The product must exhibit reasonable care, maintenance, operation, storage and general upkeep as written in the maintenance section of the Owner's/Operator's manual. Should an operational problem or failure occur, the product should not be used, but delivered as is to an authorized Husqvarna dealer for evaluation. Proof of purchase, as explained in section 6, rests solely with the customer.

### SECTION 6: PROCEDURE TO OBTAIN WARRANTY CONSIDERATION

It is the Owner's and Dealer's responsibility to make certain that the Warranty Registration Card is properly filled out and mailed to Husqvarna Forest & Garden Company. This card should be mailed within ten (10) days from the date of purchase in order to confirm the warranty and to facilitate post-sale service.

Proof of purchase must be presented to the authorized Husqvarna dealer in order to obtain warranty service. This proof must include date purchased, model number, serial number, and complete name and address of the selling dealer.

To obtain the benefit of this warranty, the product believed to be defective must be delivered to an authorized Husqvarna dealer in a timely manner, no later than thirty (30) days from date of the operational problem or failure. The product must be delivered at the owner's expense. Pick-up and delivery charges are not covered by this warranty. An authorized Husqvarna dealer can be normally located through the "Yellow Pages" of the local telephone directory or by calling 1-800-HUSKY62 for a dealer in your area.

HUSQVARNA 7349 Statesville Road Charlotte, NC 28269 531 83 81-23 2002