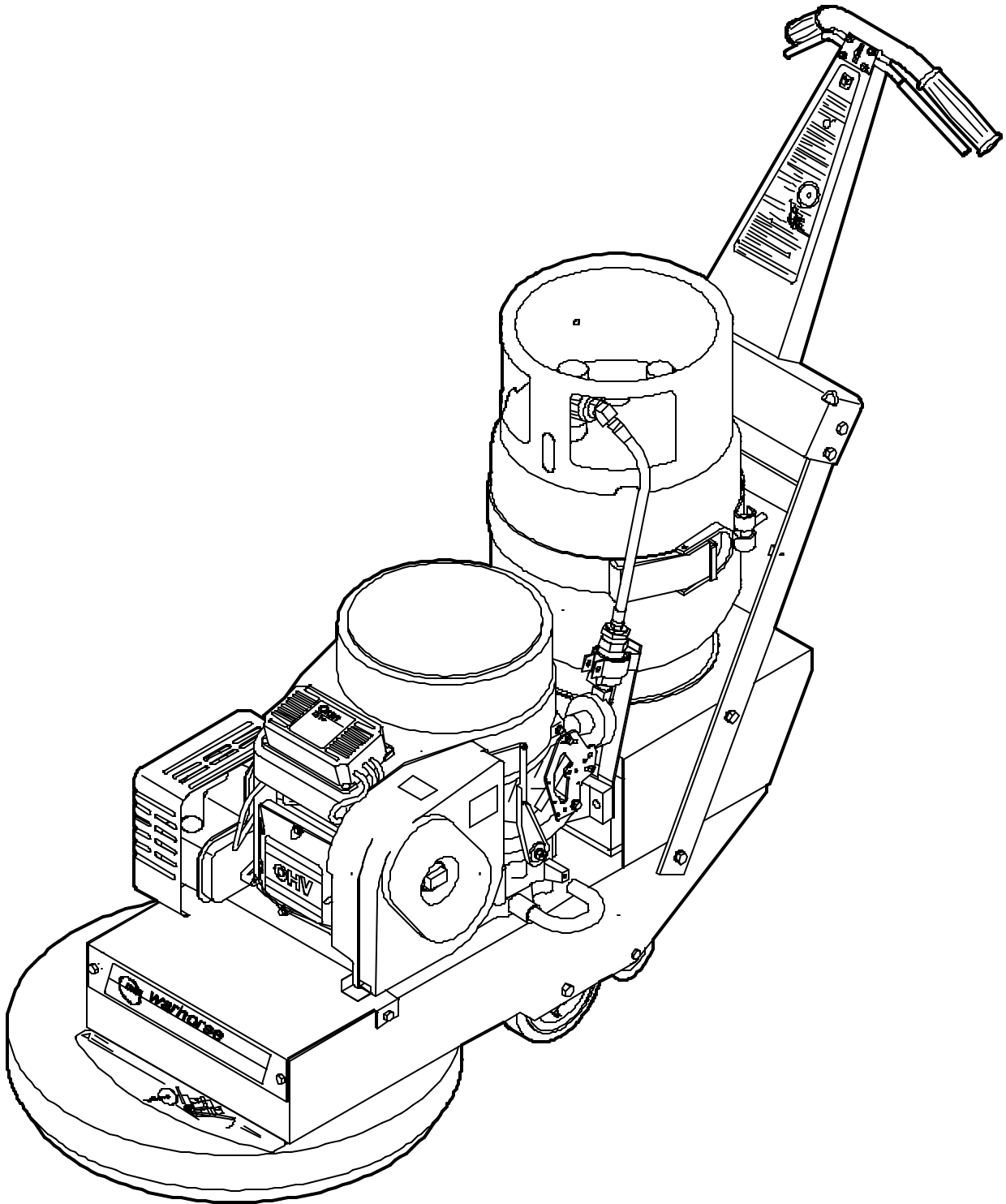
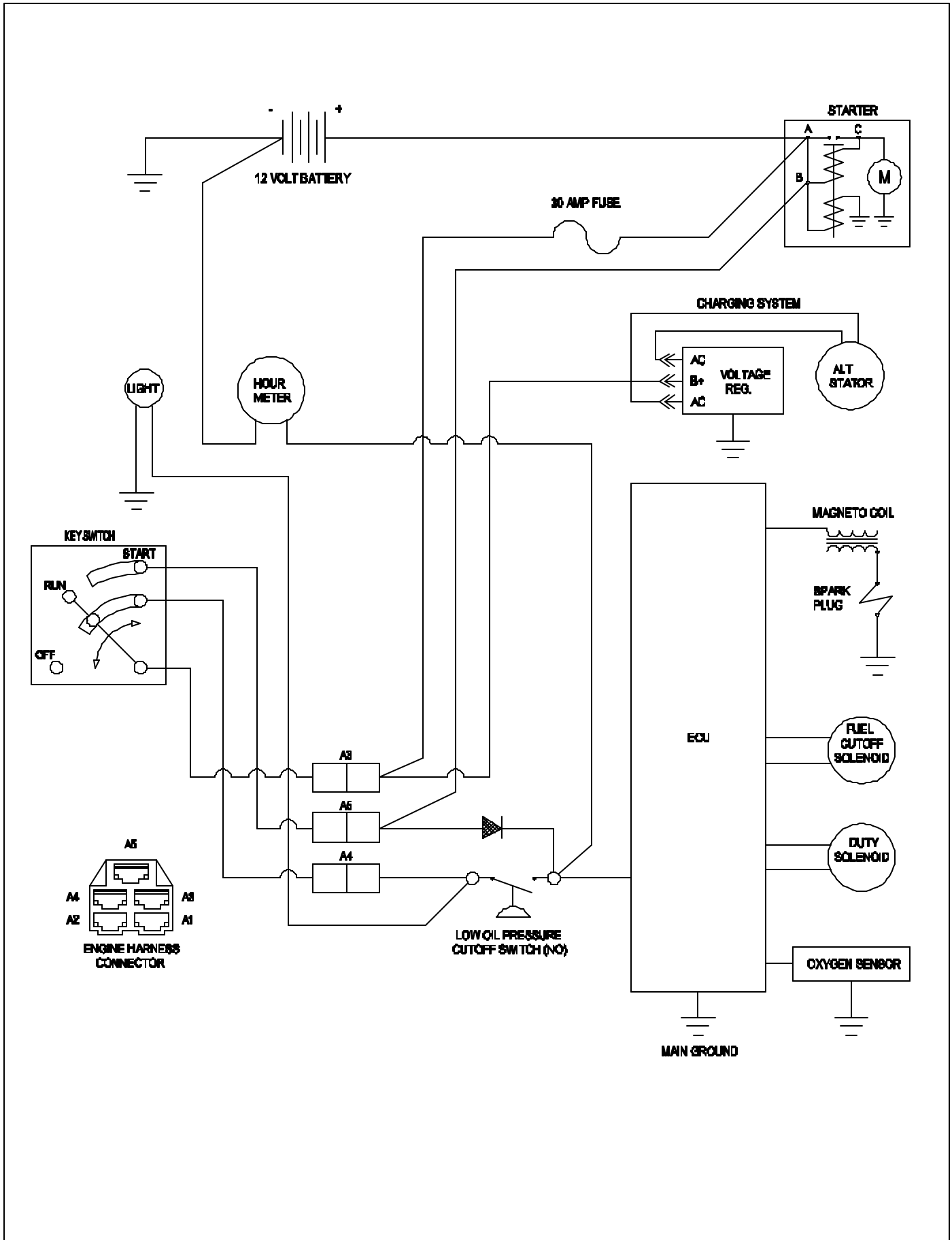


# WARHORSE 21 & 20 VAC-TRAC



# ELITE WIRING DIAGRAM



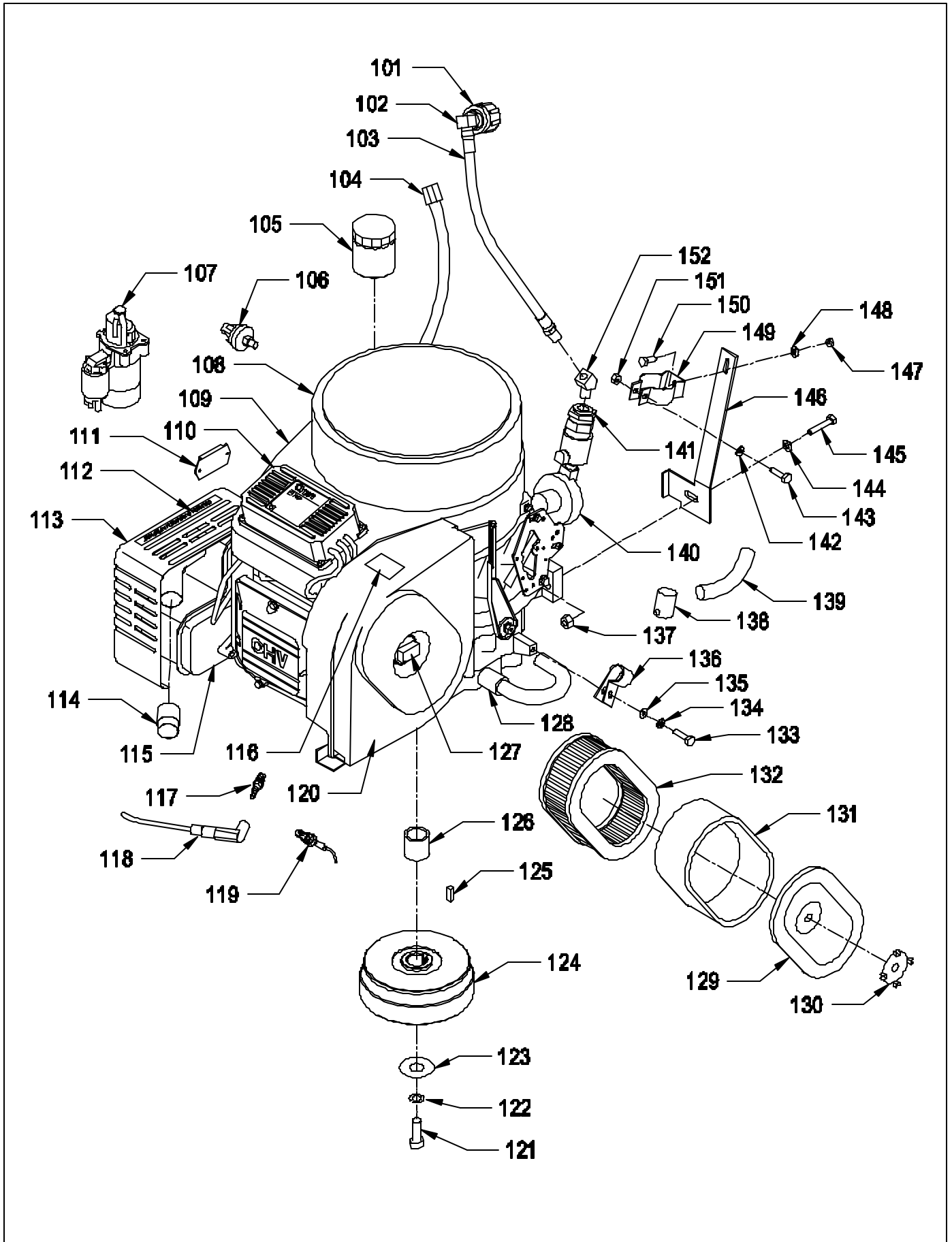
## 124 ELITE SERVICE PARTS

<u>NSS NO.</u>	<u>ONAN NO.</u>	<u>DESCRIPTION</u>
6590021	308-385	KEY SWITCH ONAN
6593191	515-0295	KEY
6591661	155-2378	GASKET
6591741	338-3646	HARNES - POWER SUPPLY
6591801	110-3591	GASKET - CYLINDER
6591811	102-1462	GASKET - CARBURETOR
6591821	123-1836	BREATHER
6591831	541-0563-11	OIL CAP KIT
6591841	123-2043	TUBE - BREATHER
6591851	150-2548	SPRING - GOVERNOR
6591861	110-3579	VALVE - EXHAUST
6591871	110-3578	VALVE - INTAKE
6591931	965-0764	MANUAL - ELITE SERVICE
6591941	965-0174	MANUAL - ELITE OPERATION
6591951	965-0200	MANUAL - ELITE PARTS
6592041	965-0174-GR	ONAN ELITE OPERATOR MANUAL - GERMAN
6592051	965-0174-FR	ONAN ELITE OPERATOR MANUAL - FRENCH
6592301	502-0269	SEAL - TUBE
6592311	123-1915-50	TUBE - OIL FILL
6592321	155-3080-02	BRACKET - MUFFLER GUARD
6592351	166-0832	MAGNETO
6593541	541-0563-06	OIL CAP KIT
6592371	357-0030	RECTIFIER - SILICON
6592381	321-0162	FUSE - 30 AMP
6592951	509-0289	SEAL - INTAKE VALVE
6593011	152-0330	LINK - THROTTLE
6593021	150-2338	LEVER - GOVERNOR
6593031	152-0343	CLIP - LINK
6593041	153-0650	LINK - CHOKE
6593051	153-0621	SPRING - CHOKE LINKAGE
6593061	821-2033	M6 X 14mm. BOLT
6593071	815-0474	HEX WASHER HEAD SCREW
6593081	503-1445-04	CLAMP - HOSE
6593091	122-0770	ADAPTOR - OIL FILTER
6593101	509-0142	"O" RING
6593111	509-0304	"O" RING
6593121	0226-4815	LEAD - RESISTOR
6593131	168-0220	COMPLETE ENGINE GASKET SET
6593141	509-0330	SEAL EXHAUST VALVE
6593151	503-2097	M.A.P. HOSE (MANIFOLD ABSOLUTE PRESSURE)
6593161	105-0693-02	CAM SHAFT ASSEMBLY
6593171	115-0423	TAPPET
6593181	541-0508	KIT - GOVERNOR

## **ONAN PROPANE ENGINE 124 ELITE**

<u>ITEM</u>	<u>PART NO.</u>	<u>ONAN NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
101	6590181		FEMALE QUICK COUPLING	1
102	6591321		1/4 90 DEGREE STREET ELBOW - STEEL	1
103	6591091		PROPANE - FUEL HOSE	1
104	6591751	338-3651	HARNESS - ENGINE	1
105	6591521	122-0737	FILTER - OIL	1
	6591781	70725-15	OIL FILTER WRENCH	1
106	6591731	309-0646-06	SWITCH - OIL PRESSURE	1
107	6591711	191-1906	STARTER - 12 VOLT	1
108	6591571	140-2825-01	FILTER - PRECLEANER	1
109	6591011		ONAN PROPANE ENGINE 124	1
110	6591651	148-1077	CONTROL UNIT - LPG	1
111	6591721	191-2207	REGULATOR - VOLTAGE	1
112	6590791		LABEL - "CAUTION SURFACES MAY BE HOT"	1
113	6591681	155-3005-02	GUARD - MUFFLER	1
114	6591771	155-2429-01	SPARK ARRESTOR	1
115	6591671	155-3002	MUFFLER - CATALYTIC	1
116	6590671		LABEL SET - "CLEAN AIR FILTER"	1
117	6591701	167-0263-02	SPARK PLUG	1
118	6591691	167-1621	CAP - SPARK PLUG	1
119	6591641	148-1076	SENSOR - OXYGEN	1
120	6591551	140-2676	COVER - AIR CLEANER	1
121	9121290		10 mm. - 1.5 X 30 mm. FULL THREAD HEX HEAD BOLT - STEEL	1
122	9121300		10 mm. SPLIT LOCK WASHER	1
123	9122110		3/8 X 1 1/2 FENDER WASHER	1
124	6591031		CENTRIFUGAL CLUTCH - SINGLE GROOVE	1
125	9121315		1/4 SQUARE X 1 1/2 LONG KEY	1
126	6591101		COLLAR - ENGINE SHAFT	1
127	6590991	140-2761	KNOB - AIR CLEANER COVER 1/4-20	1
128	6591761	504-0186	VALVE - OIL DRAIN	1
129	6591531	140-2674-01	COVER - ELEMENT	1
130	6591541	140-2675	KNOB - INNER COVER	1
131	6591561	140-2748-01	WRAPPER - ELEMENT	1
132	6591581	140-3010	ELEMENT - AIR CLEANER	1
133	9121600		5/16-18 X 5/8 HEX BOLT	1
134	9121520		5/16 SPLIT LOCK WASHER	1
135	9121390		11/32 I.D. X 11/16 O.D. X .051/.080 THICK SAE FLAT WASHER (5/16)	1
136	2395761		CLAMP - TUBE	1
137	9122140		3/8-16 HEX NUT WITH NY-LOK INSERT	1
138	6591601	148-1072	SOLENOID - DUTY	1
139	6591631	148-1075	HOSE - FUEL	1
140	6591611	148-1073	REGULATOR - VAPOR	1
141	6591621	148-1074	FUEL SHUTDOWN SOLENOID WITH FILTER	1
	6591591	148-1071	SYSTEM ASSEMBLY - FUEL	1
142	9120930		9/32 I.D. X 5/8 O.D. X .051/.080 THICK SAE FLAT WASHER (1/4)	1
143	9121270		1/4-20 X 1 HEX BOLT	1
144	9122180		13/32 I.D. X 13/16 O.D. X .051/.080 THICK WROUGHT WASHER (3/8)	1
145	9122301		3/8-16 X 1 1/4 HEX BOLT	1
146	6591121		BRACKET - FUEL SYSTEM	1
147	9120910		1/4-20 HEX NUT WITH STAR LOCK WASHER	1
148	9120930		9/32 I.D. X 5/8 O.D. X .051/.080 THICK SAE FLAT WASHER	1
149	6591181		CLAMP - FUEL SYSTEM	1
150	9121170		1/4-20 X 1/2 HEX BOLT	1
151	9120910		1/4-20 HEX NUT WITH STAR LOCK WASHER	1
152	6590171		45 DEGREE STREET ELBOW 1/4	1

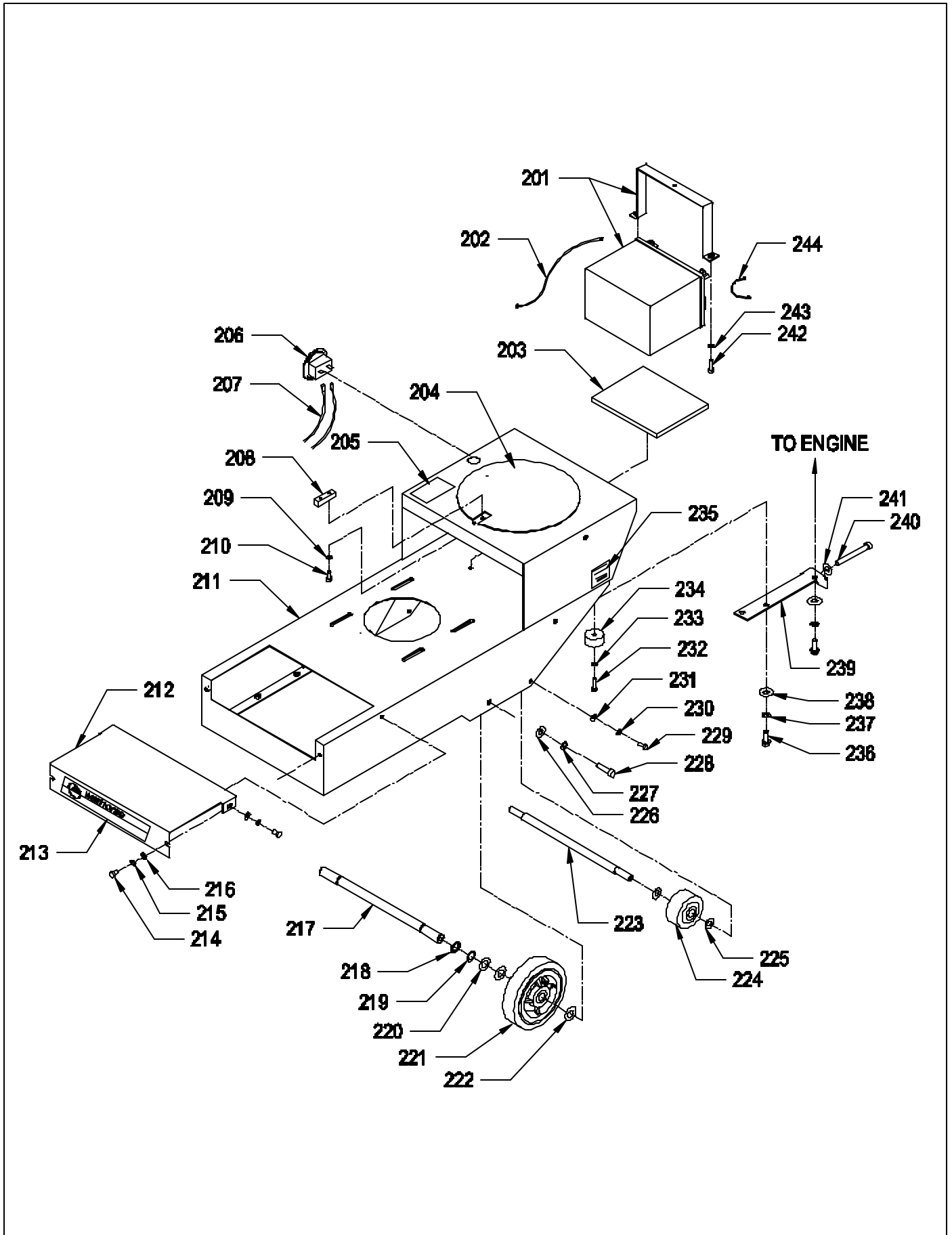
# ONAN PROPANE ENGINE 124 ELITE



## **DECK ASSEMBLY**

<u>ITEM</u>	<u>PART NO</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
201	6592779	BATTERY - 12 VOLT - INCLUDES:	1
	6592771	BATTERY - 12 VOLT	1
	6592763	BATTERY CLAMP - SHORT	1
202	6590041	CABLE - POSITIVE BATTERY	1
203	6590071	GASKET - BATTERY	1
204	6590081	GASKET - PROPANE TANK	1
205	6590671	LABEL SET - "CHECK OIL LEVEL"	1
206	2397361	HOUR METER	1
207	6591141	POSITIVE LEAD - HOUR METER	1
	6590451	NEGATIVE LEAD - HOUR METER	1
208	6590391	TANK LOCATOR - WARHORSE 20 ONLY	1
209	9120880	1/4 SPLIT LOCK WASHER - WARHORSE 20 ONLY	2
210	9121210	1/4-20 X 5/8 HEX BOLT - WARHORSE 20 ONLY	2
211	6592573	DECK	1
212	6591163	FRONT COVER	1
213	6590671	LABEL SET - "MACHINE NAME AND LOGO"	1
214	9121170	1/4-20 X 1/2 HEX BOLT	4
215	9120880	1/4 SPLIT LOCK WASHER	4
216	9120930	9/32 I.D. X 5/8 O.D. X .051/.080 THICK SAE FLAT WASHER (1/4)	4
217	6591051	AXLE - 6" MAIN WHEEL	1
218	5293151	RETAINING RING	2
219	9123105	3/4 I.D. X 1 1/4 O.D. X .071 THICK WASHER	2
220	9123110	3/16 I.D. X 1 1/8 O.D. X .13 THICK 1 WAVE SPRING WASHER - WARHORSE 20	2
221	6591111	6" X 1 1/2" WHEEL	2
	6591211	DELTRIN BEARING FOR 6" WHEEL - TWO REQUIRED PER WHEEL	2
222	4991091	3/4 I.D. X 1 1/2 O.D. X .031 THICK FLAT WASHER - PLASTIC	4
223	6591066	AXLE - DOLLY WHEEL	1
224	2790281	3" BUMPER WHEEL	2
225	9122465	.615 I.D. X .813 O.D. X .027/.030 THICK FLAT WASHER	4
226	9121980	7/16 I.D. X 1 O.D. X .075/.080 THICK SAE FLAT WASHER (3/8)	2
227	9122100	3/8 SPLIT LOCK WASHER	2
228	9122260	3/8-16 X 1 HEX BOLT	2
229	9121560	5/16-18 X 1/2 HEX BOLT	2
230	9121520	5/16 SPLIT LOCK WASHER	2
231	9121390	11/32 I.D. X 11/16 O.D. X .051/.080 THICK SAE FLAT WASHER (5/16)	2
232	9121250	1/4-20 X 3/4 HEX BOLT	2
233	9120880	1/4 SPLIT LOCK WASHER	2
234	4894461	RUBBER STOP	2
235	6591241	LABEL - "UL LISTED"	1
236	9121680	5/16-18 X 1 HEX BOLT	4
237	9121520	5/16 SPLIT LOCK WASHER	4
238	9121390	11/32 I.D. X 11/16 O.D. X .051/.080 THICK SAE FLAT WASHER (5/16)	4
239	6590531	BELT ADJUSTMENT BRACKET	1
240	9122350	3/8-16 X 3 HEX BOLT	1
241	9121980	7/16 I.D. X 1 O.D. X .075/.080 THICK SAE FLAT WASHER (3/8)	1
242	9121210	1/4-20 X 5/8 HEX BOLT	2
243	9120880	1/4 SPLIT LOCK WASHER	2
244	6590051	CABLE - NEGATIVE BATTERY	1

# DECK ASSEMBLY

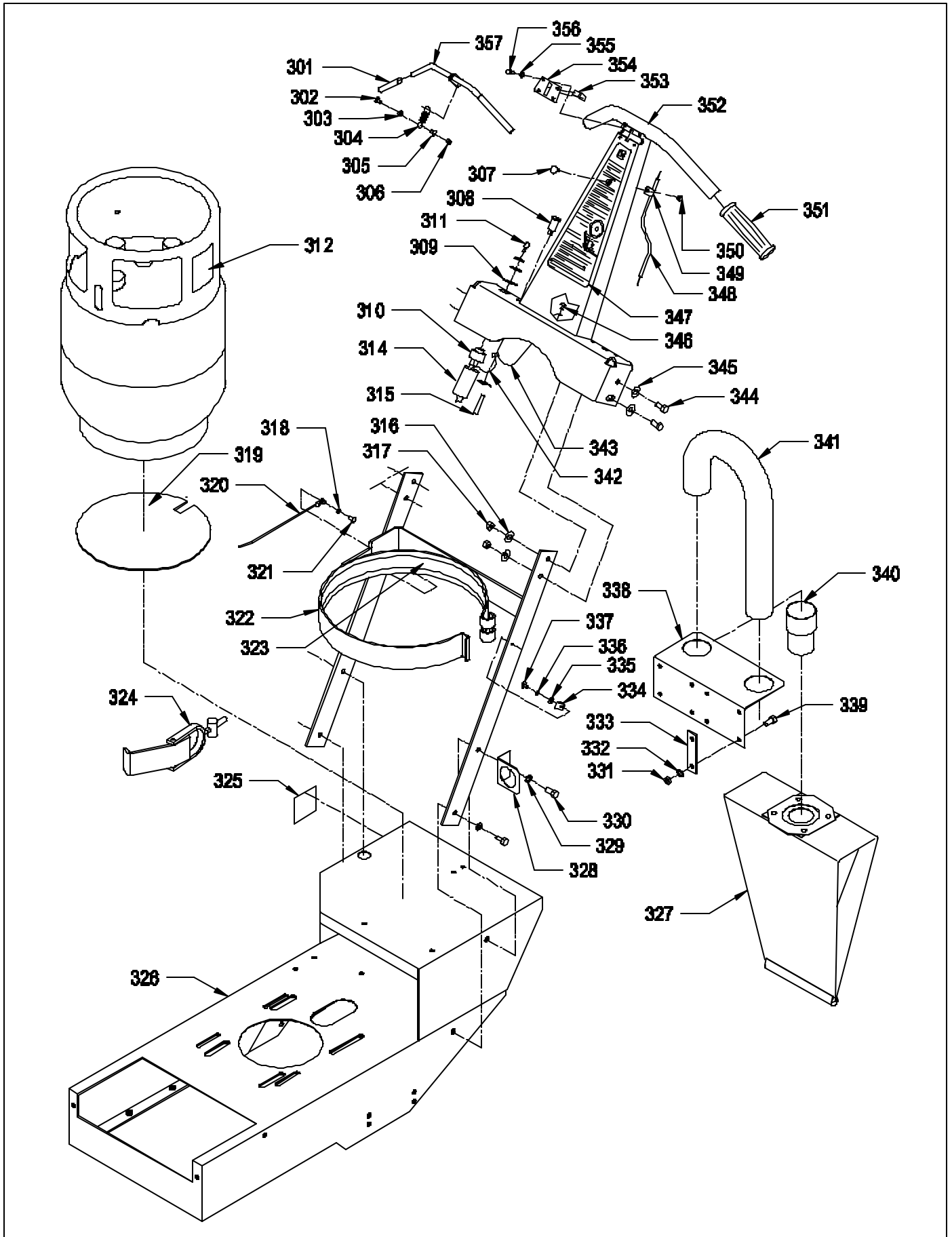


## **HANDLE ASSEMBLY**

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
301	6590351	THROTTLE LEVER GRIP	2
302	9120450	10-24 X 1 ROUND HEAD PHILLIPS MACHINE SCREW	1
303	9120360	10-24 HEX NUT WITH STAR LOCK WASHER	1
304	4490641	EXTENSION SPRING	1
305	9120783	10-38 NYLON SCREW INSULATOR	1
306	9120350	10-24 HEX NUT WITH NY-LOK INSERT	1
307	9120510	10-24 X 1/2 TRUSS HEAD PHILLIPS MACHINE SCREW	1
308	6590461	LIGHT	1
309	9122470	9/16 I.D. X 1 3/8 O.D. X .086/.132 THICK WROUGHT WASHER (1/2)	1
310	6590021	KEY SWITCH - INCLUDES:	1
311	6593191	KEY ONLY	1
312	6590671	LABEL KIT - "PROPANE TANK FILL AND STORAGE"	1
313	6590101	PROPANE FUEL TANK	1
314	9997050	1/2" SHRINK TUBE	6"
315	9997100	1 1/2" SHRINK TUBE	4"
316	9121400	3/8 I.D. X 7/8 O.D. X .064/.104 THICK WROUGHT WASHER (5/16)	1
317	9121450	5/16-18 HEX NUT WITH NY-LOK INSERT	4
318	9120320	10 SPLIT LOCK WASHER	1
319	6590081	GASKET - PROPANE TANK	1
320	9123015	3/16 X 7 1/2 LONG #10 MOUNTING HOLE WIRE TIE	1
321	9120410	10-24 X 1/2 ROUND HEAD PHILLIPS MACHINE SCREW	1
322	6590133	HANDLE BASE	1
323	6590497	VELCRO LOOP - 34"	1
324	6590111	CLAMP - TANK	1
325	6590671	LABEL KIT - "CALL FOR SERVICE"	1
326	6592563	DECK	1
327	6592801	VAC TRAC DUST COLLECTION BAG - WARHORSE 20 ONLY	1
328	6591343	SINGLE HOSE BRACKET - WARHORSE 20 ONLY	1
329	9121510	5/16 SPLIT LOCK WASHER	4
330	9121600	5/16-18 X 5/8 HEX BOLT	4
331	9120900	1/4-20 HEX NUT WITH NY-LOK INSERT - WARHORSE 20 ONLY	4
332	9120930	9/32 I.D. X 5/8 O.D. X .051/.080 THICK SAE FLAT WASHER (1/4) - WARHORSE 20 ONLY	4
333	6591881	CLAMP - DOUBLE HOSE BRACKET - WARHORSE 20 ONLY	2
334	4894071	CLAMP - .437 DIAMETER CABLE - HEYCO	1
335	9120370	7/32 I.D. X 1/2 O.D. X .032/.065 THICK SAE FLAT WASHER (#10)	1
336	9120320	10 SPLIT LOCK WASHER	1
337	9120500	10-24 X 3/8 TRUSS HEAD PHILLIPS MACHINE SCREW	1
338	6592883	DOUBLE HOSE BRACKET - WARHORSE 20 ONLY	1
339	9121250	1/4-20 X 3/4 HEX BOLT WITH NYLON PATCH - WARHORSE 20 ONLY	4
340	2590391	2" HOSE CUFF - WARHORSE 20 ONLY	1
341	6591971	2" DIAMETER HOSE - 54" LONG - WARHORSE 20 ONLY	1
342	6590541	POSITIVE LEAD - LIGHT	1
343	6590551	NEGATIVE LEAD - LIGHT	1
344	9121680	5/16-18 X 1 HEX BOLT	4
345	9121400	3/8 I.D. X 7/8 O.D. X .064/.104 THICK WROUGHT WASHER (5/16)	4
346	9120500	10-24 X 3/8 TRUSS HEAD PHILLIPS MACHINE SCREW	1
347	6590671	LABEL SET - "MACHINE OPERATION AND STARTING"	1
348	6590151	CABLE - THROTTLE	1
349	6590361	CABLE CLIP	1
350	9120350	10-24 HEX NUT WITH NY-LOK INSERT	1
351	6590411	HANDLE GRIP	2
352	6590123	HANDLE - UPPER	1
353	6591217	GASKET - THROTTLE LEVER PLATE	2
354	6590163	THROTTLE LEVER PLATE	1
355	9120320	10 SPLIT LOCK WASHER	4
356	9120615	10-24 X 3/8 SOCKET HEAD CAP SCREW	4
357	6590141	THROTTLE LEVER	1



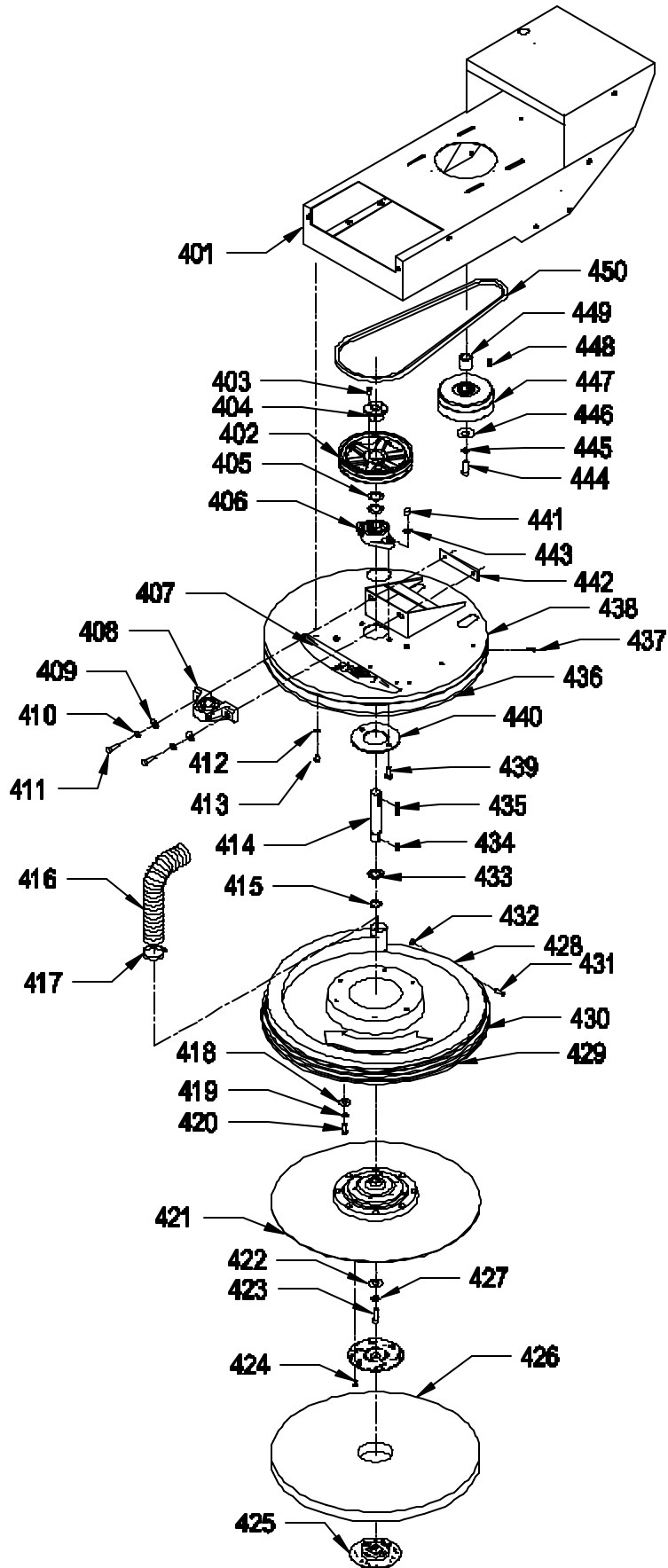
# HANDLE ASSEMBLY



## SKIRT ASSEMBLY

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
401	6592573	DECK	1
402	6593009	SINGLE GROOVE SHEAVE KIT - INCLUDES:	1
	6592981	SINGLE GROOVE SHEAVE	1
403	9121251	1/4-20 X 3/4 HEX BOLT	2
404	6592961	SPLIT TAPER BUSHING	1
405	6590521	1 I.D. X 1.5 O.D. X .13 THICK FLAT WASHER - STEEL - 10 GAGE	2
406	6590271	BEARING - LOWER DRIVEN	1
407	6590671	LABEL SET - "PAD APPLICATION"	1
408	2691241	BEARING - PILLOW BLOCK	1
409	9122180	13/32 I.D. X 13/16 O.D. X .051/.080 THICK WROUGHT WASHER (3/8)	2
410	9122100	3/8 SPLIT LOCK WASHER	2
411	9122300	3/8-16 X 1 1/4 HEX BOLT	2
412	9120880	1/4 SPLIT LOCK WASHER	8
413	9121170	1/4-20 X 1/2 HEX BOLT	8
414	6592591	SHAFT - DRIVEN - WARHORSE 20 ONLY	1
	6590281	SHAFT - DRIVEN - WARHORSE 21 ONLY	1
415	6590321	1" EXTERNAL RETAINING RING	1
416	6591971	2" DIAMETER HOSE - 54" LONG - WARHORSE 20 ONLY	1
417	4495441	HOSE CLAMP - 1 9/16 TO 2 1/2 DIAMETER - WARHORSE 20 ONLY	1
418	9120950	1/4 X 1 1/4 FENDER WASHER - WARHORSE 20 ONLY	3
419	9120880	1/4 SPLIT LOCK WASHER - WARHORSE 20 ONLY	3
420	9121210	1/4-20 X 5/8 HEX BOLT - WARHORSE 20 ONLY	3
421	6592608	FLEXIBLE PAD DRIVER ASSEMBLY - WARHORSE 20 ONLY	1
	6591028	FLEXIBLE PAD DRIVER ASSEMBLY - WARHORSE 21 ONLY	1
422	9122400	1/2 I.D. X 1 3/32 O.D. X .074/.121 THICK SAE FLAT WASHER (7/16)	1
423	9122260	3/8-16 X 1 HEX BOLT	1
424	9120790	10 X 5/8 PAN HEAD PHILLIPS SHEET METAL SCREW	3
425	5990721	SPRING CLIP PAD HOLDER SET	1
426	-----	PAD - SEE ACCESSORIES PAGE FOR DIFFERENT TYPES	1
427	9122100	3/8 SPLIT LOCK WASHER	1
428	6490729	FLEXIWALL SHIELD ASSEMBLY - WARHORSE 20 ONLY	1
429	6490191	BUMPER BRUSH - WARHORSE 20 ONLY	1
430	6490732	BUMPER STRAP - WARHORSE 20 ONLY	1
431	9120450	10-24 X 1 ROUND HEAD PHILLIPS MACHINE SCREW - WARHORSE 20 ONLY	1
432	9120350	10-24 HEX NUT WITH NY-LOK INSERT - WARHORSE 20 ONLY	1
433	6590521	1 I.D. X 1.5 O.D. X .13 THICK FLAT WASHER - STEEL - 10 GAGE	1
434	9120825	3/16 SQUARE X 7/8 LONG KEY - STEEL	1
435	9121315	1/4 SQUARE X 1 1/2 LONG KEY - STEEL	1
436	6590407	BUMPER - 6" - WARHORSE 21 ONLY	1
437	9120309	1/8 X 1/2 DOME HEAD POP RIVET - WARHORSE 21 ONLY	6
438	6591969	SKIRT - WARHORSE 20 - INCLUDES:	1
	6591963	SKIRT - WARHORSE 20	1
439	9122075	3/8-16 X 1 1/2 HEX BOLT	2
440	6592911	REINFORCEMENT RING	1
441	9122140	3/8-16 HEX NUT WITH NY-LOK INSERT	2
438	6591009	SKIRT - WARHORSE 21 - INCLUDES:	1
	6591003	SKIRT - WARHORSE 21	1
439	9122075	3/8-16 X 1 1/2 HEX BOLT	2
440	6592911	REINFORCEMENT RING	1
441	9122140	3/8-16 HEX NUT WITH NY-LOK INSERT	2
442	6590251	TAPPING PLATE - UPPER BEARING	1
443	9122180	13/32 I.D. X 13/16 O.D. X .051/.080 THICK WROUGHT WASHER (3/8)	2
444	9121290	10 mm. - 1.5 X 30 mm. FULL THREAD HEX HEAD BOLT - STEEL	1
445	9121300	10 mm. SPLIT LOCK WASHER	1
446	9122110	3/8 X 1 1/2 FENDER WASHER	1
447	6591031	CENTRIFUGAL CLUTCH - SINGLE GROOVE	1
448	9121315	1/4 SQUARE X 1 1/2 LONG KEY - STEEL	1
449	6591101	COLLAR - MOTOR SHAFT	1
450	6591081	BELT - DRIVE	1

# SKIRT ASSEMBLY



## ACCESSORIES



6594019 SETTING FIXTURE - 20" VAC TRAC  
6594219 SETTING FIXTURE - 21"



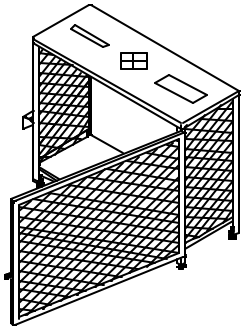
1093621 BAG SNAP - VAC TRAC ONLY  
1099801 HANGER RING ONLY - WITHOUT SNAP - VAC TRAC ONLY



5990601 BIG MOUTH PAD HOLDER SET  
5990611 BIG MOUTH - MALE THREAD PORTION



7992751 27" LITE BLUE SOFT FINISH PAD  
7992761 27" LITE HAIR BURNISH PAD  
7992781 27" ULTRA HAIR HARD FINISH PAD  
7992791 27" ULTIMATE HAIR PAD



6590801 L.P. TANK STORAGE CAGE



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