

31S900

Illustrated Parts List

Model Series

31S900

TYPE NUMBERS

0001, 0002, 0003, 0004, 0005, 0006, 0007, 0008, 0009, 0010, 0011,
0012, 0013, 0014, 0015, 0016, 0017.

Not for
Reproduction

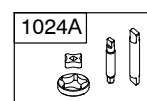
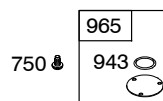
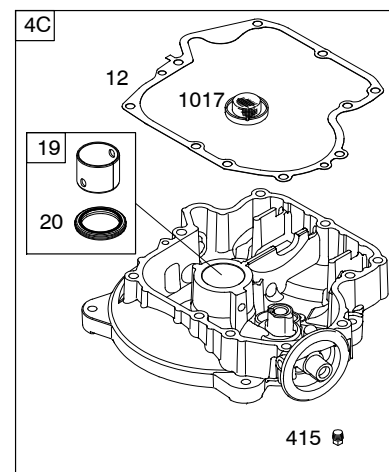
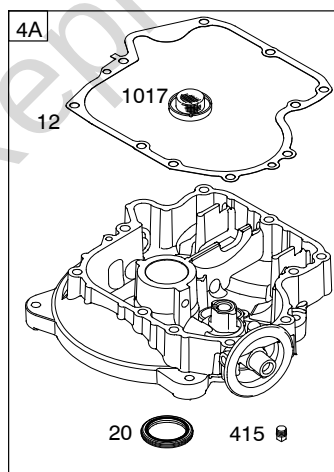
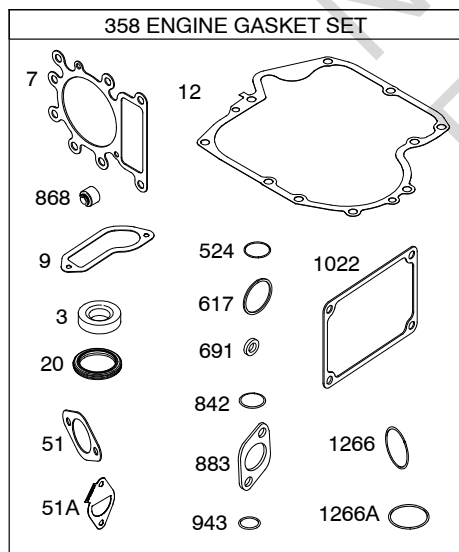
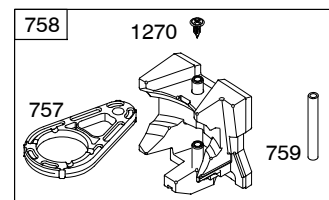
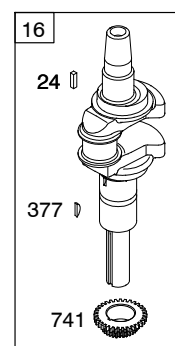
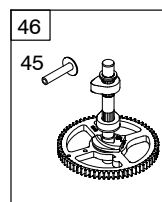
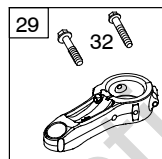
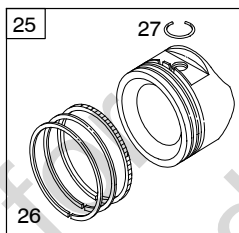
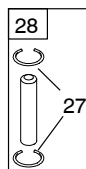
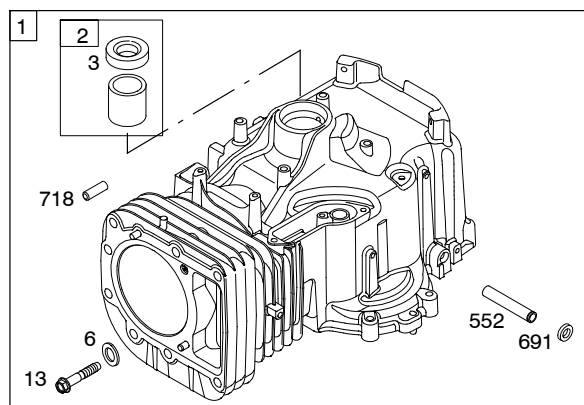
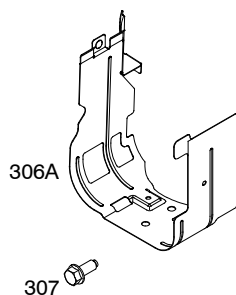
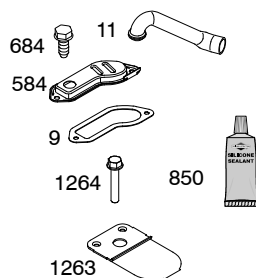


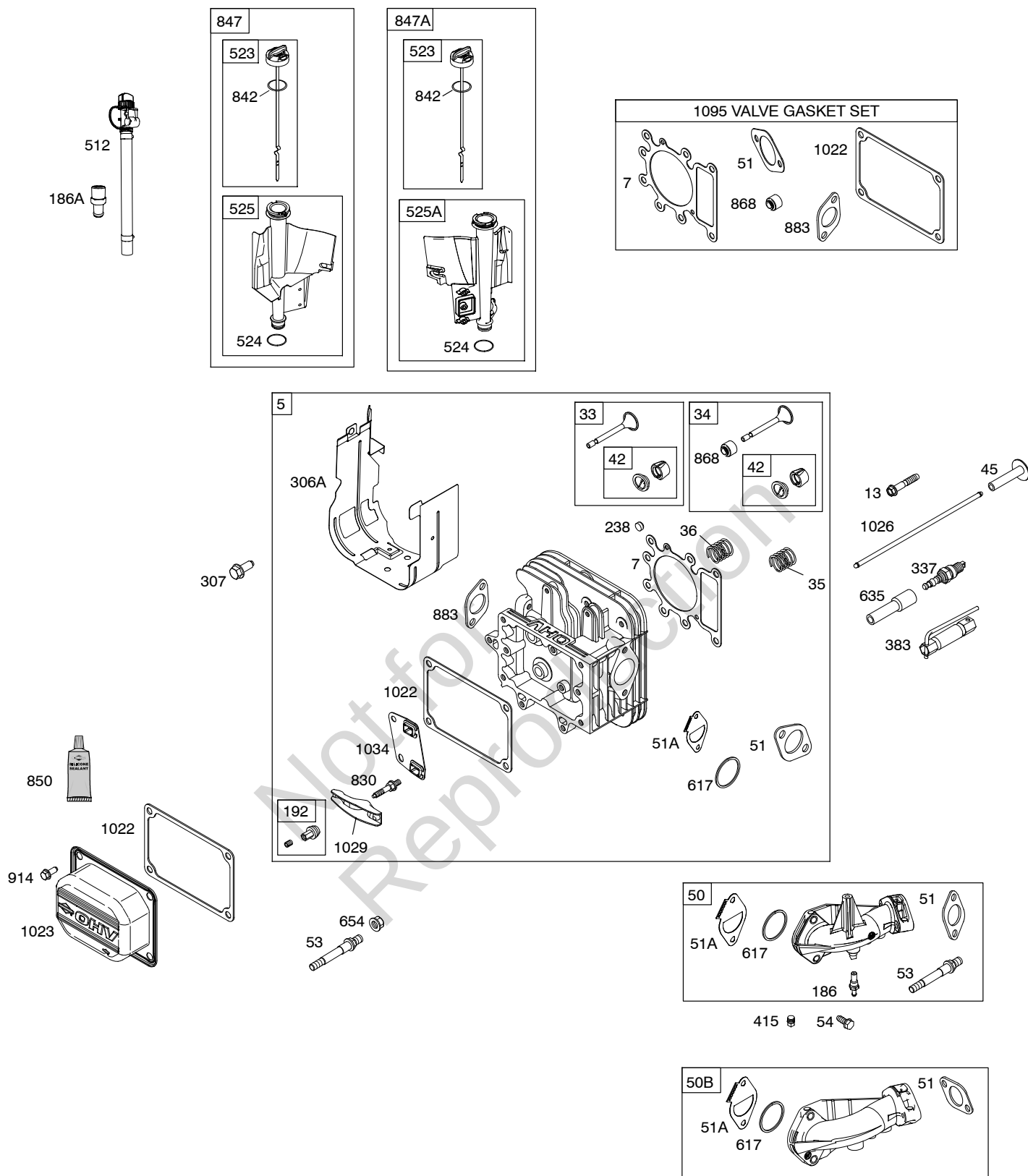
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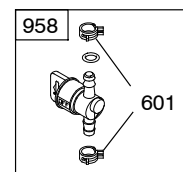
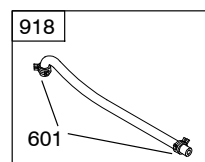
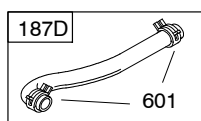
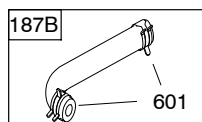
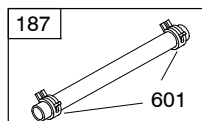
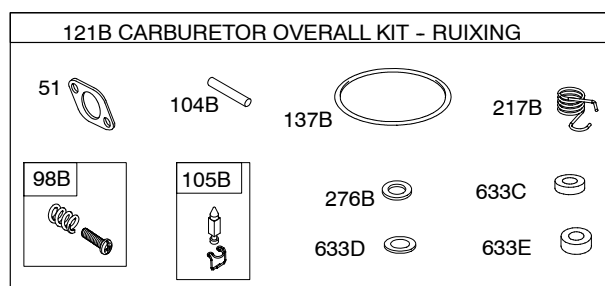
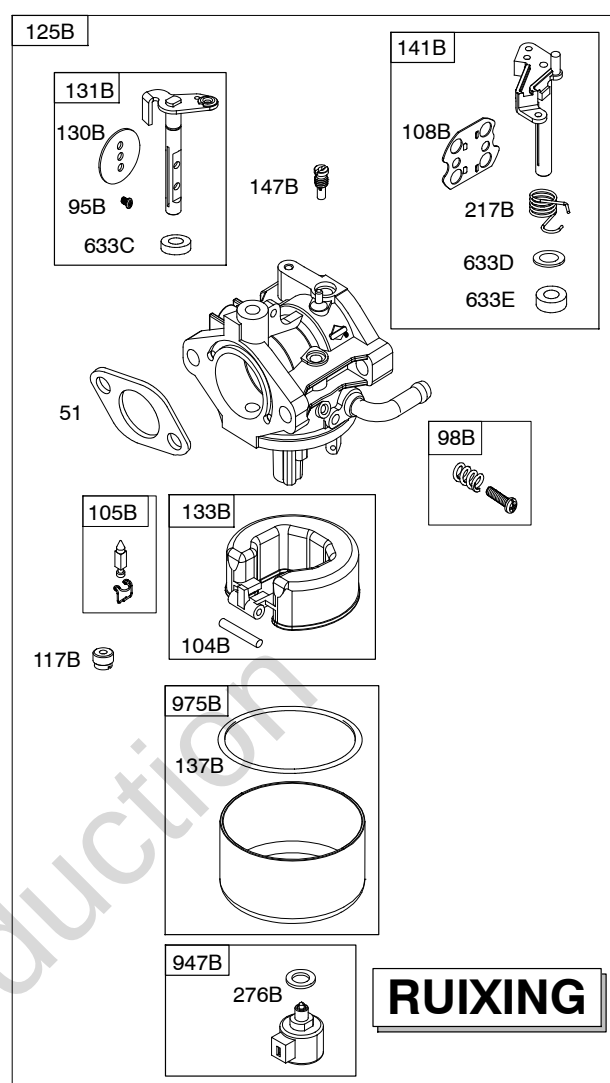
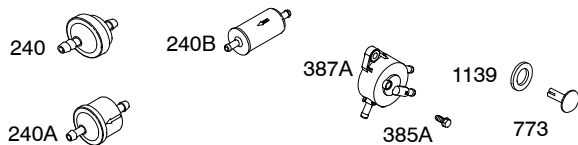
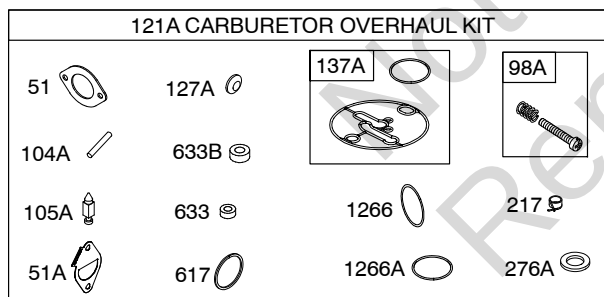
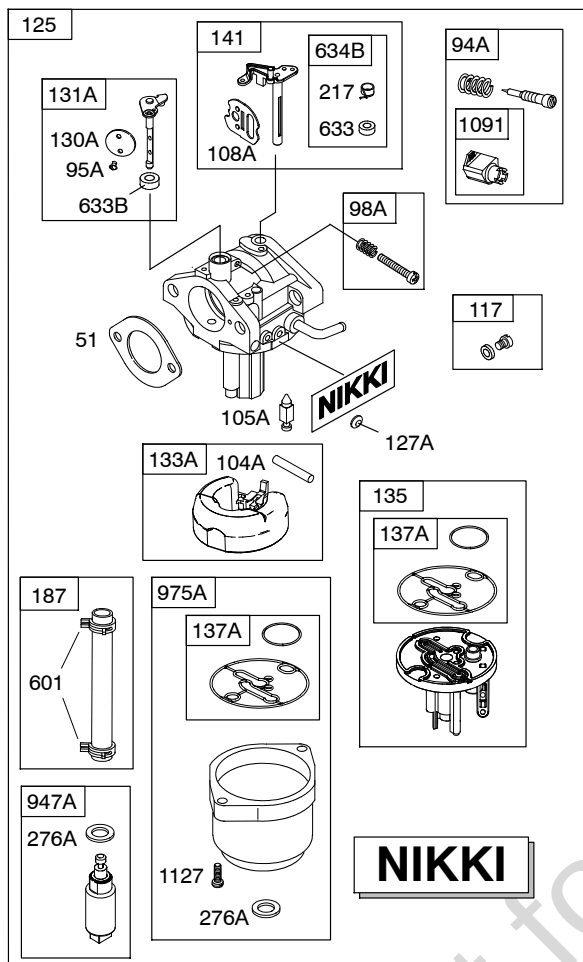
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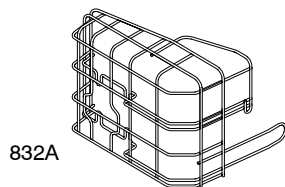
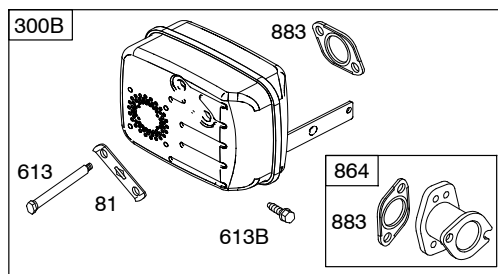
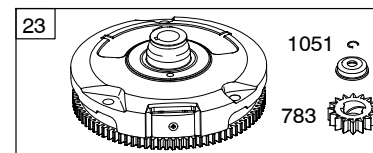
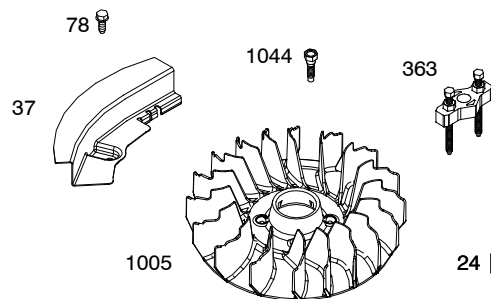
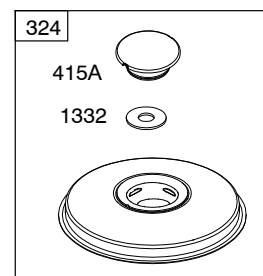
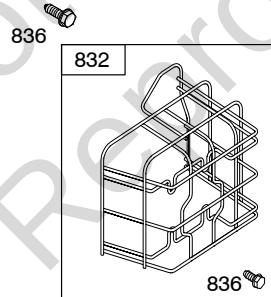
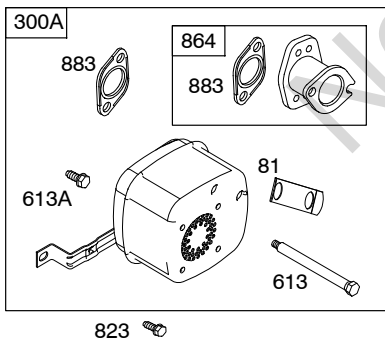
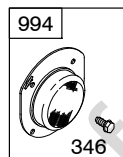
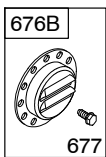
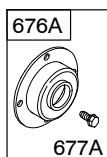
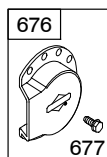
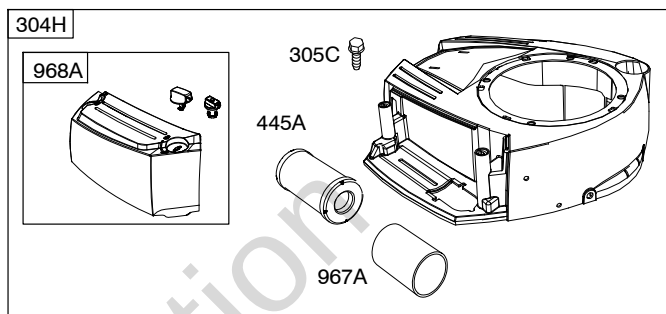
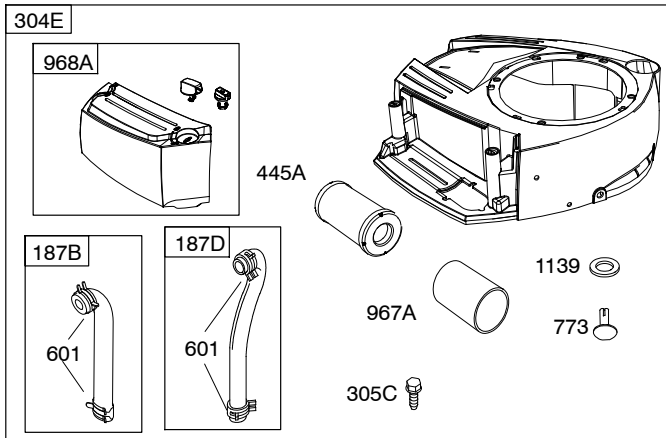
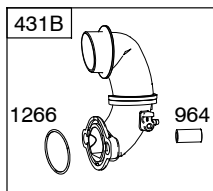
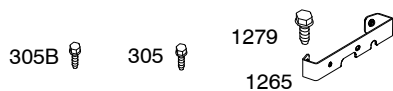
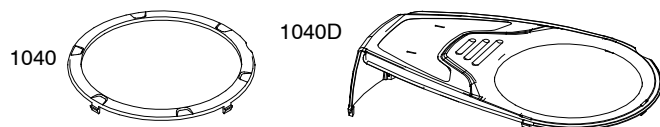
1036 EMISSIONS LABEL

1319 WARNING LABEL

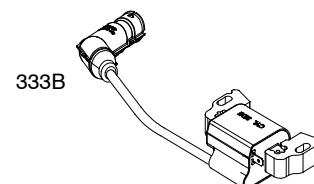
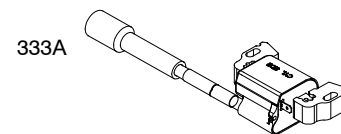
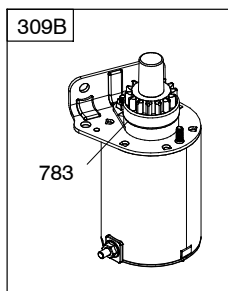
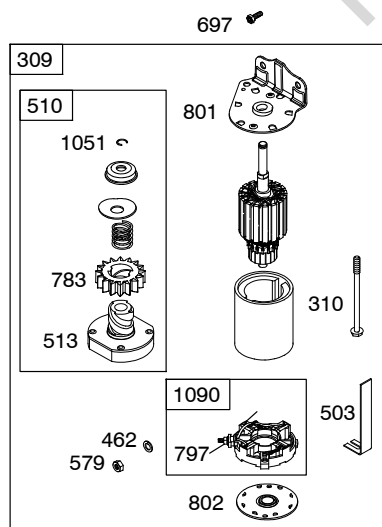
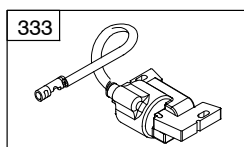
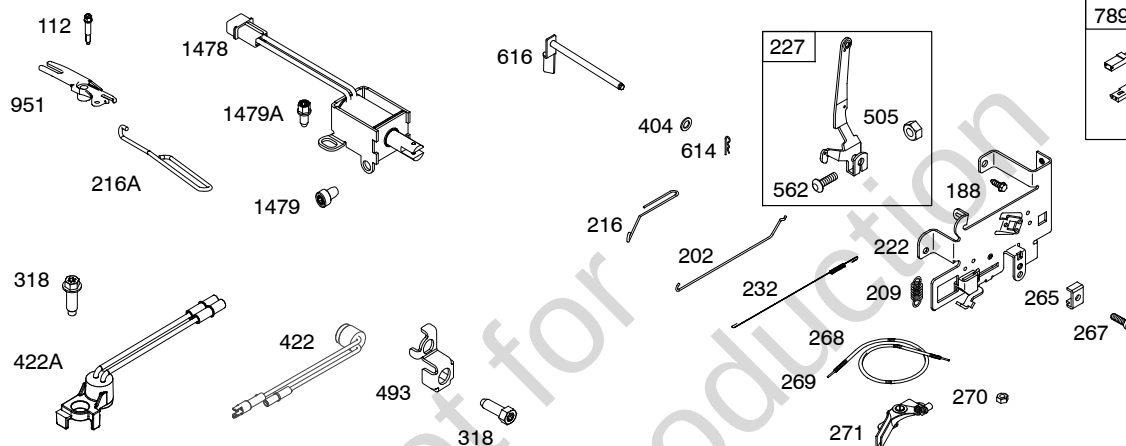
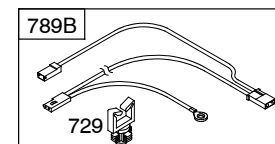
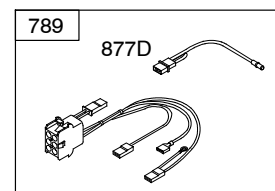
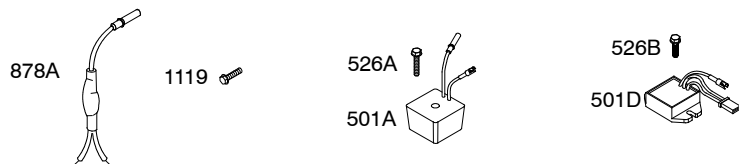
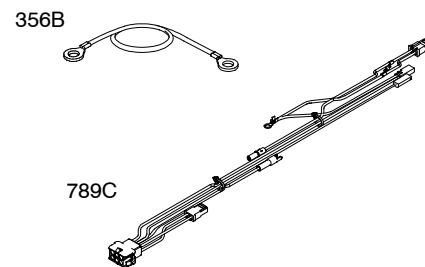








DC ONLY	DUAL CIRCUIT	5/9 AMP TRI-CIRCUIT	10/16 AMP
474A	474B	474C	474D
1059	1059	1059	1059
877A	877		877C



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	796010	Cylinder Assembly	25	594435	Piston Assembly (Standard) (Used After Code Date 141005000).	37	699882	Guard-Flywheel
2	797673	Kit-Bushing/Seal (Magneto Side)			----- Note -----	42	499586	Keeper-Valve
3	391086s	Seal-Oil (Magneto Side)			796172 Piston Assembly (Used Before Code Date 14100600).	43	691968	Slinger-Governor/Oil
4A	592849	Sump-Engine			594436 Piston Assembly (.020" Oversize) (Used After Code Date 14100500).	45	690564	Tappet-Valve
4C	591009	Sump-Engine Used on Type No(s). 0015.			796173 Piston Assembly (.020" Oversize) (Used Before Code Date 14100600).	46	793880	Camshaft
5	796026	Head-Cylinder				50	591248	Manifold-Intake
6	690310	Washer				50B	592842	Manifold-Intake
7	796584	Gasket-Cylinder Head				51	692137	Gasket-Intake
9	697109	Gasket-Breather (Use Liquid Sealant Reference 850)				51A	796081	Gasket-Restrictor
11	794683	Tube-Breather				53	591260	Stud (Carburetor)
12	697110	Gasket-Crankcase				54	691148	Screw (Intake Manifold)
13	592244	Screw (Cylinder Head) (5/16" - 18 x 2.69")				78	691693	Screw (Flywheel Guard)
15	690946	Plug-Oil Drain (Square Head) ----- Note ----- 691680 Plug-Oil Drain (Square Socket)	26	594437	Ring Set (Standard) ----- Note ----- 594438 Ring Set (.020" Oversize) (Used After Code Date 141005000).	81	691178	Lock-Muffler Screw
16	591763	Crankshaft			792649 Ring Set (.020" Oversize) (Used Before Code Date 14100600).	94A	793610	Kit-Idle Mixture (Nikki)
19	591010	Kit-Bushing/Seal (PTO Side)				95A	690718	Screw (Throttle Valve) (Nikki) (Used Before Code Date 16010400)
20	795387	Seal-Oil (PTO Side)				95B	593897	Screw (Throttle Valve) (Ruixing) (Used After Code Date 16010400).
22	692125	Screw (Crankcase Cover/Sump)	27	698469	Lock-Piston Pin	98A	695408	Kit-Idle Speed (Nikki) (Used Before Code Date 16010400)
23	591758	Flywheel ----- Note ----- 591759 Flywheel Used on Type No(s). 0001, 0002, 0007, 0009. 591760 Flywheel Used on Type No(s). 0005, 0006, 0008, 0011, 0014, 0015, 0016, 0017.	28	594439	Pin-Piston (1.62" Long) (Used After Code Date 141005000).	98B	846817	Kit-Idle Speed (Ruixing) (Used After Code Date 16010400).
24	591757	Key-Flywheel			----- Note ----- 796007 Pin-Piston (1.97" Long) (Used Before Code Date 14100600).	104A	694918	Pin-Float Hinge (Nikki) (Used Before Code Date 16010400)
			29	794571	Rod-Connecting (Standard)	104B	594860	Pin-Float Hinge (Ruixing) (Used After Code Date 16010300).
			32	791118	Screw (Connecting Rod)	105A	696136	Valve-Float Needle (Nikki) (Used Before Code Date 16010400)
			33	792868	Valve-Exhaust	105B	594868	Valve-Float Code (Ruixing) (Used After Code Date 16010300).
			34	791935	Valve-Intake	108A	695419	Valve-Choke (Nikki) (Used Before Code Date 16010400)
			35	691279	Spring-Valve (Intake)			
			36	691279	Spring-Valve (Exhaust)			

Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
108B	594863	Valve-Choke (Ruixing) (Used After Code Date 16010300).	125B	594605	Carburetor (Ruixing) (Used After Code Date 16010300).	137B	594861	Gasket-Float Bowl (Ruixing) (Used After Code Date 16010300).
112	593040	Screw (Choke Lever)			----- Note -----	141	698778	Kit-Choke Shaft (Nikki) (Used Before Code Date 16010400)
117	699458	Jet-Main (Nikki) (Standard) (Used Before Code Date 16010400)			594597 Carburetor (Ruixing) (Used After Code Date 16010300). Used on Type No(s). 0004, 0014.	141B	594862	Kit-Choke Shaft (Ruixing) (Used After Code Date 16010300).
117B	594871	Jet-Main (Ruixing) (Standard) (Used After Code Date 16010300).	127A	690727	Plug-Welch (Nikki)	147B	594872	Jet-Pilot (Ruixing) (Used After Code Date 16010300).
118	843099	Jet-Main (Nikki) (5000)(High Altitude) (Used Before Code Date 16010400)	130A	792747	Valve-Throttle (Nikki) (Used Before Code Date 16010400)	186	794873	Hose-Connector
118B	595069	Jet-Main (Ruixing) (High Altitude) (Used After Code Date 16010300).	130B	594858	Valve-Throttle (Ruixing) (Used After Code Date 16010300).	186A	796532	Hose-Connector (Oil Drain)
121A	796184	Kit-Carburetor Overhaul (Nikki) (Used Before Code Date 16010400)	131A	792765	Kit-Throttle Shaft (Nikki) (Used Before Code Date 16010400)	187	791766	Line-Fuel (Straight)(Cut to Required Length)
121B	594886	Kit-Carburetor Overhaul (Ruixing Carburetor) (Used After Code Date 16010300).	131B	594856	Kit-Throttle Shaft (Ruixing) (Used After Code Date 16010300).	187B	791805	Line-Fuel (Formed) (Cut to Required Length)
125	591734	Carburetor (Nikki) (Used Before Code Date 16010400) ----- Note ----- 593029 Carburetor (Ready Start) (Used Before Code Date 16010400) Used on Type No(s). 0004, 0014.	133A	694914	Float-Carburetor (Nikki) (Used Before Code Date 16010400)	187D	791744	Line-Fuel (Formed) (Cut to Required Length)
			133B	594859	Float-Carburetor (Ruixing) (Used After Code Date 16010300).	188	691693	Screw (Control Bracket)
			135	796400	Tube-Fuel Transfer ----- Note ----- 698780 Tube-Fuel Transfer Used on Type No(s). 0009, 0010, 0013.			
			137A	698781	Gasket-Float Bowl (Nikki) (Used Before Code Date 16010400)			

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
192	691986	Adjuster-Rocker Arm	269	691026	Wire-Control (Cut To Required Length)	333B	595304	Armature-Magneto (EMC Compliant) (Used After Code Date 16063000)
202	691841	Link-Mechanical Governor	270	691027	Nut (Control Wire Casing)	334	691061	Screw (Magneto Armature)
209	796260	Spring-Governor (Green) ----- Note ----- 260902 Spring-Governor Used on Type No(s). 0003, 0004, 0013. 690576 Spring-Governor (Gold) Used on Type No(s). 0001. 796261 Spring-Governor (Yellow) Used on Type No(s). 0014. 796261 Spring-Governor (Red) Used on Type No(s). 0017.	271	691028	Lever-Control	337	792015	Plug-Spark (EMS) ----- Note ----- 696202 Plug-Spark (Platinum, Resistor) Used on Type No(s). 0007.
216	691840	Link-Choke	276A	695410	Washer-Sealing (Nikki) (Used Before Code Date 16010400)	346	794845	Screw (Spark-Arrester)
216A	593043	Link-Choke (Ready Start)	276B	846640	Washer-Sealing (Ruixing) (Used After Code Date 16010300).	356B	697089	Wire-Stop
217	695409	Spring-Choke Return (Nikki) (Used Before Code Date 16010400)	300A	795998	Muffler	358	796187	Gasket Set-Engine
217B	594864	Spring-Choke (Ruixing) (Used After Code Date 16010300).	300B	795997	Muffler	363	19203	Puller-Flywheel (71.5mm (2.812"))
222	694042	Bracket-Control	304E	592814	Housing-Blower (Black)(Compatible With Canister Style Filter)	377	691639	Key-Woodruff
227	691374	Lever-Governor Control	304H	592813	Housing-Blower (Grey) (Compatible With Canister Style Filter)	383	19576s	Wrench-Spark Plug (5/8" & 13/16")
232	691842	Spring-Governor Link	305	697102	Screw (Shoulder)(Blower Housing)	385A	690297	Screw (Fuel Pump)
238	691843	Cap-Valve	305B	795891	Screw (Self Threading)	387A	808656	Pump-Fuel
239	491657s	Switch-Oil Pressure	305C	799370	Screw (Shoulder)(Blower Housing)	404	691691	Washer (Governor Crank)
240	394358s	Filter-Fuel (White, 75 Microns)	306A	794953	Shield-Cylinder	415	794903	Plug (Engine Sump)
240A	691035	Filter-Fuel (40 Micron Paper Element)	307	691693	Screw (Cylinder Shield)	415A	794129	Plug (Cover/Retainer)
240B	695666	Filter-Fuel (Includes 30 Micron Paper Element)	309	693551	Motor-Starter	422	593055	Switch-Snap (No Longer Available, For Replacement Order Reference 422A)
265	691024	Clamp-Casing	309B	593936	Motor-Starter Used on Type No(s). 0001, 0002, 0007.	422A	593056	Switch-Snap (Ready Start)
267	794904	Screw (Casing Clamp)	310	690323	Screw (Starter Motor) (#10-24 X 4.44")	431B	799043	Elbow-Intake (Compatible With Canister Style Filter)
268	691025	Casing-Control Wire (Cut To Required Length)	318	594384	Screw (Snap Switch)	445A	793569	Filter-Air Cleaner Cartridge (Canister Style Filter)
			324	796309	Screen-Rotating	462	691261	Washer (Starter Cable)
			333	799650	Armature-Magneto (Used Before Code Date 16070100)	474A	592828	Alternator (DC Only) Used on Type No(s). 0001, 0002, 0007.
			333A	594626	Armature-Magneto (Used After Code Date 16063000) Used on Type No(s). 0002, 0004, 0007, 0017.	474B	592831	Alternator (Dual Circuit) Used on Type No(s). 0009.

Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.
10491-9 Assemblies include all parts shown in frames. **03/18/2016**

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
474C	592829	Alternator (Tri Circuit) (5/9 Amp. Regulated)	614	691620	Pin-Cotter	757	793242	Link-Counterweight
474D	592830	Alternator (10-16 Amp. Regulated) Used on Type No(s). 0011, 0017.	616	692012	Crank-Governor	758	594443	Counterweight (Used After Code Date 14093000).
493	593057	Bracket-Switch (Ready Start)	617	692138	Seal-O Ring (Intake Manifold)	----- Note -----		
501A	794360	Regulator (5/9 Amp.)	633	699813	Seal-Choke/Throttle Shaft (Nikki) (Used Before Code Date 16010400)	793763	Counterweight (Used Before Code Date 14100100).	594443 Counterweight (Used After Code Date 14100500). Used on Type No(s). 0006, 0007. 793763 Counterweight (Used Before Code Date 14100600). Used on Type No(s). 0006, 0007.
501D	845907	Regulator (10-16 Amp.) Used on Type No(s). 0011.	633B	690998	Seal-Throttle Shaft (Nikki) (Used Before Code Date 16010400)	759	697392	Pin-Counterweight
503	691532	Strap-Starter	633C	594866	Seal-Choke/Throttle Shaft (Ruixing) (Used After Code Date 16010300).	773	796448	Retainer
505	691251	Nut (Governor Control Lever)	633D	594865	Seal-Choke/Throttle Shaft (Ruixing) (Used After Code Date 16010300).	783	593935	Gear-Pinion
510	693699	Drive-Starter	633E	797629	Seal-Choke/Throttle Shaft (Ruixing) (Used After Code Date 16010300).	789	698329	Harness-Wiring
512	594200	Hose-Oil Drain	634B	698779	Spring/Seal Assembly	789B	692037	Harness-Wiring
513	692024	Clutch-Drive	635	691909	Boot-Spark Plug	789C	594359	Wire Assembly
521	690581	Shield-Cable	654	690958	Nut (Carburetor)	797	693167	Nut (Brush Retainer)
523	699908	Dipstick	676	795036	Deflector-Muffler	801	691283	Cap-Drive
524	691032	Seal-Dipstick Tube	676A	396903	Deflector-Muffler	802	691286	Cap-End
525	697085	Tube-Dipstick (With Tube Connector)	676B	795038	Deflector-Muffler	823	698941	Screw (Muffler Adapter)
525A	697184	Tube-Dipstick (Standard)	677	794845	Screw (Muffler Deflector)	830	691095	Stud-Rocker Arm
526A	697088	Screw (Regulator)(Thread Forming 0.71" lg)	677A	690661	Screw (Muffler Deflector)	832	790293	Guard-Muffler
526B	697348	Screw (Regulator)	684	697157	Screw (Breather Assembly)	832A	595029	Guard-Muffler
552	697144	Bushing-Governor Crank	691	692407	Seal-Governor Shaft	836	690367	Screw, Muffler Guard
562	691119	Bolt (Governor Control Lever)	697	791680	Screw (Drive Cap)	842	691031	Seal-O Ring (Dipstick Tube)
579	691029	Nut (Starter Cable)	718	690959	Pin-Locating	847	790443	Dipstick/Tube Assembly (With Tube Connector)
584	794682	Cover-Breather Passage (Use With Liquid Sealant Reference 850)	729	691335	Clip-Wire (Wire Saddle)	847A	790442	Dipstick/Tube Assembly (Without Tube Connector)
601	791850	Clamp-Hose	729A	691224	Clip-Wire (Aluminum Coated Steel)	850	100106	Sealant-Liquid (Rocker Cover Gasket and Breather Gasket)
613	691416	Screw (Muffler)	741	697128	Gear-Timing	864	796002	Adapter-Muffler (Length 2.25 Inches)
613A	691678	Screw (Muffler) (5/16"-18 X .63")	750	790832	Screw (Oil Pump Cover)	868	690968	Seal-Valve
613B	690297	Screw (Muffler) (1/4"-20 X .63")				877	393456	Wire/Connector- Alternator (Dual Circuit)

Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.
10491-10 Assemblies include all parts shown in frames. 03/18/2016

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
877A	393814	Wire/Connector-Alternator (DC Only)	975A	699502	Bowl-Float (Nikki) (Used Before Code Date 16010400)	1051	691265	Ring-Retaining
877C	399916	Wire/Connector-Alternator (10-16 Amp.)	975B	594867	Bowl-Float (Ruixing) (Used After Code Date 16010300).	1054	280275	Tie-Cable
877D	790544	Wire/Connector-Alternator	994	794945	Arrestor-Spark	1059	698516	Kit-Screw/Washer
878A	691955	Harness-Alternator (Tri Circuit)	1005	796084	Fan-Flywheel	1090	691293	Retainer-Brush
883	692236	Gasket-Exhaust	1017	796981	Screen-Oil Pump (Push In)	1091	691333	Cap-Limiter
914	691108	Screw (Rocker Cover)	1022	272475s	Gasket-Rocker Cover (Use Liquid Sealant Reference 850)	1095	794152	Gasket Set-Valve
918	791851	Hose-Vacuum (Fuel Pump)	1023	797421	Cover-Rocker	1119	691183	Screw (Alternator)
943	690589	Seal-O Ring (Oil Pump Cover)	1024A	794644	Pump-Oil	1127	695407	Screw (Float Bowl)
947A	699915	Solenoid-Fuel (Nikki) (Used Before Code Date 16010400)	1026	692003	Rod-Push (Intake)	1139	796449	Washer
947B	846639	Solenoid-Fuel (Ruixing) (Used After Code Date 16010300).	----- Note -----			1263	697124	Reed-Breather
951	593039	Lever-Choke	1027	696854	Filter-Oil (Premium)(Yellow)	1264	697104	Screw (Breather Reed)
958	698183	Valve-Fuel Shut Off	----- Note -----			1265	794151	Support-Blower Housing
964	799159	Cap-Connector (EVAP)	1029	691751	Arm-Rocker	1266	691917	Seal-O Ring (Intake Elbow)
965	499613	Cover-Oil Pump	1034	690822	Guide-Push Rod	1266A	697123	Seal-O Ring (Intake Elbow)
967A	793685	Filter-Pre Cleaner	1036		Label-Emissions (Available From A Briggs & Stratton Authorized Dealer)	1270	793243	Plug-AVS Counterweight
968A	591648	Cover-Air Cleaner (Black)	1040	698368	Plate-Trim	1279	691108	Screw (Support-Blower)
		----- Note -----	1040D	798568	Plate-Trim	1319	794467	Label-Warning
		591649 Cover-Air Cleaner (Grey)	1044	698139	Screw (Flywheel)	1332	591991	Washer (Rotating Screen)
						1478	593037	Solenoid-Choke
						1479	593041	Screw (Choke Solenoid)
						1479A	593042	Screw (Choke Solenoid)

Not for
Reproduction

