

This exploded view diagram illustrates the assembly of a motorcycle engine. The components are numbered as follows:

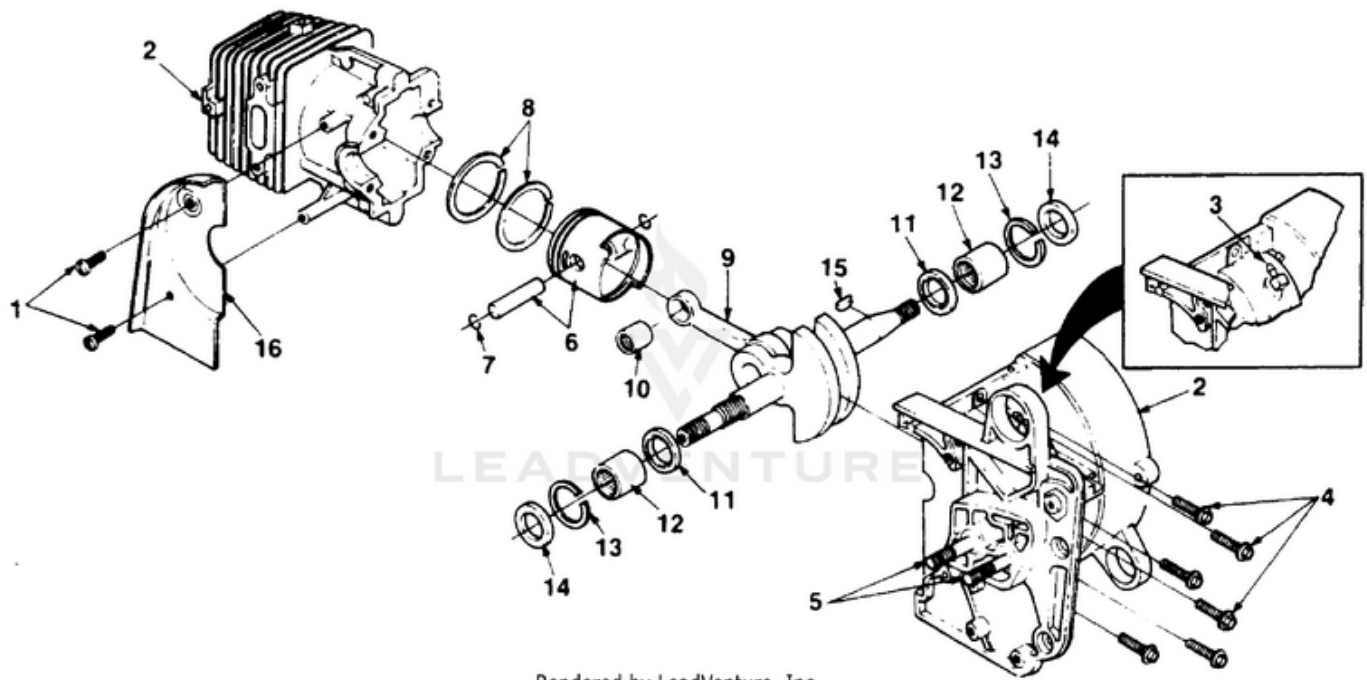
- 1:** A set of three timing chain links.
- 2:** A timing chain guide or tensioner component.
- 3:** A small bolt or screw.
- 4:** A large, curved timing chain cover or guide plate.
- 5:** A long, thin metal plate or bracket.
- 6:** A small bolt or screw.
- 7:** A small pin or clip.
- 8:** A circular O-ring or seal.
- 9:** A circular metal flange or gasket.
- 10:** A large bolt or screw for the engine head.
- 11:** A small pin or clip.
- 12:** A small bolt or screw.
- 13:** A small pin or clip.
- 14:** A small pin or clip.
- 15:** A small pin or clip.
- 16:** A small bolt or screw.
- 17:** A long, thin metal plate or bracket.
- 18:** A small bolt or screw.
- 19:** A large, curved metal plate or bracket, likely the timing chain cover.

The diagram shows the engine block on the right, with various components being assembled onto it. The timing chain and cover components (1-5) are shown on the left, while the various pins, clips, and bolts (6-19) are shown in the center, indicating their positions relative to the engine and other parts.

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Ref #	Part #	Description	Qty
1	80983	SCREW- (8-32 x 1/2)	3
2	70705	STOP- Chain	1
3	88048	SCREW- (10-24 x 3/8)	1
4	70632	WASHER- Flat	1
5	A95409A	GUARD- hand	1
6	80672	SCREW- Pan hd	1
7	95411	BRACKET	1
8	80821	SCREW (12 24 x 1/2)	1
9	95283	BAND- Brake	1
10	81192	NUT- Hex (3/8-24)	1
11	95376	INSERT- Chain brake	1
12	95410	WASHER- Spring	1
13	95284A	SPRING- Torsion	1
14	95287	DETENT- Brake lever	1
15	95295	SPACER- Flanged	1
16	82254	SCREW- Mach pan hd. (8-32 x 1/2)	2
17	95286	LINK- Chain brake	1
18	95494	BUSHING	1
19	953941	SHIELD- Chain brake	1
	95838	BUMPER- Spike (not shown)	1
	960621	CARBURETOR SHIELD (not shown)	1

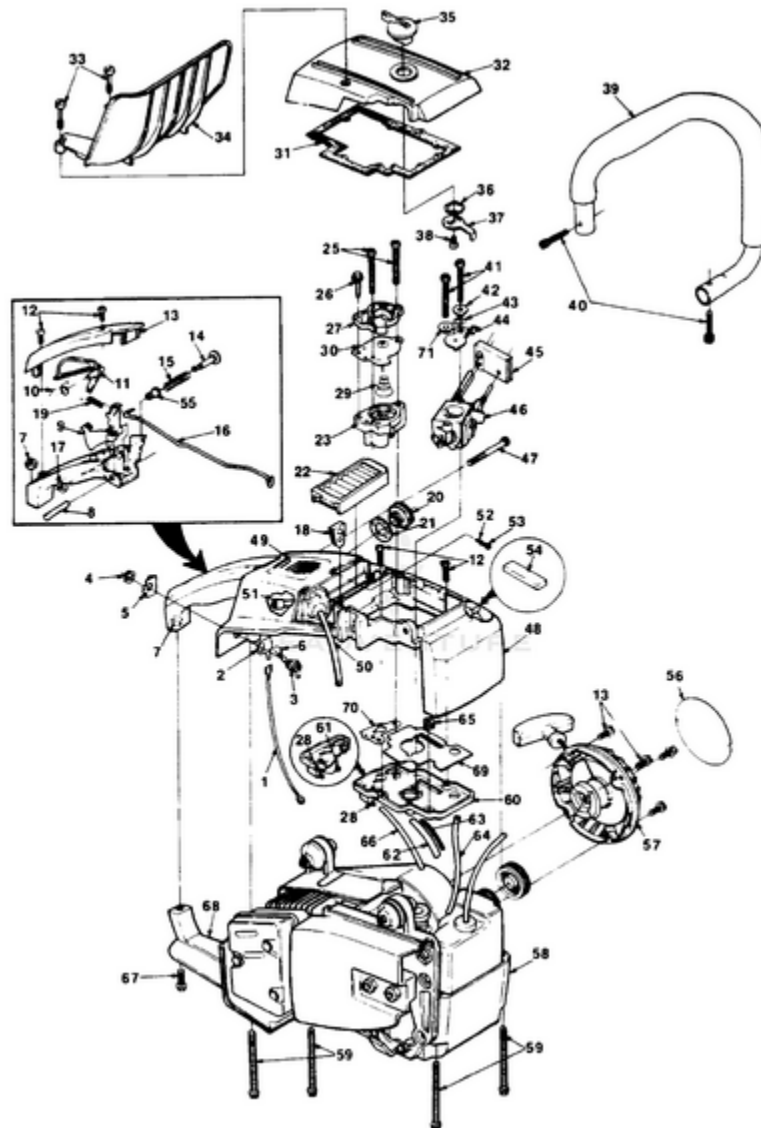
330 Chain Saw UT-10592 10592-UT 330 Chain Saw UT-10592 330 Chain Saw - Engine Internals



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Ref #	Part #	Description	Qty
1	88049	SCREW- Sems hex (10-24 x 1/2)	2
2	A95884A	CRANKCASE & CYLINDER	1
3	70204	FITTING- Tube	1
4	88053	SCREW- (10-24 x 1)	6
5	93859	BOLT- Guide bar	2
	94392	FITTING- Tube (L) not shown	1
	94619	FITTING- Tube (Not shown)	1
6	A95882A	PISTON	1
7	64813	RING- Retaining	2
8	96510	PISTON RING	2
9	A96418B	CRANKSHAFT	1
10	93369	BEARING- Rod	1
11	94860	WASHER- Thrust	2
12	93846	BEARING- Needle	2
13	93819	RING- Retaining	2
14	93858	SEAL- Crankshaft	2
15	75078	KEY- Woodruff	1
16	93832	SHIELD- Sawdust	1

330 Chain Saw UT-10592 10592-UT 330 Chain Saw UT-10592 330 Chain Saw - Handles, Carburetor Chamber & Starter

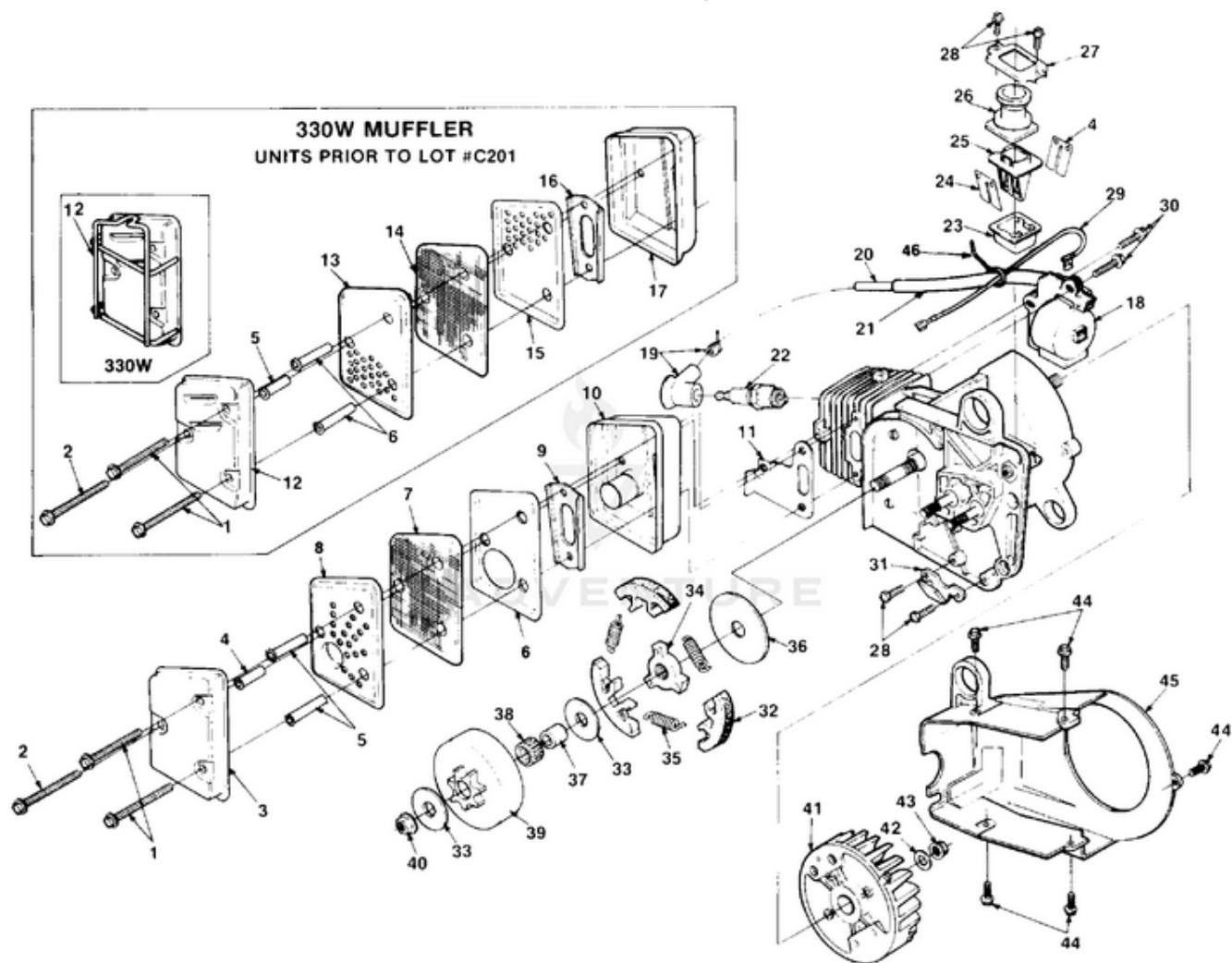


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Ref #	Part #	Description	Qty
1	A95933A	LEAD- Electrical	1
2	95874	CONTACT- Ground	1
3	A576503A	SWITCH- Grounding	1
4	72084A1	NUT- Switch	1
5	12793A	PLATE- Ignition (Run-Stop)	1
6	69092	SLEEVE- Grounding switch	1
7	81208	NUT- Locking hex (10-24)	1
8	93517	PIN- Groove	1
9	93842	TRIGGER- Throttle	1
10	94379	SPRING- Torsional	1
11	93843	THROTTLE- Interlock	1
12	80983	SCREW- Hex hd. (8-32 x 1/2)	8
13	93822	HANDLE- Cover	1
14		PIN- Throttle lock	1
15	95020	SPRING- Compression	1
16	94377A	ROD- Throttle	1
17	58409	RING- Retaining	1
18	94376	GROMMET	1
19	95976A	SPRING- Extension	1
20	A95207	CAP- Oil	1
21	94390	GASKET	1
22	94387B	FILTER ELEMENT- Air	1
23	A95049	PUMP Oil	1
25	82224	SCREW- Hex hd. (8-32 x 2)	2
26	82380	SCREW- Thd. forming (8-16 x 5/8)	1
27	94395	COVER- Oil pump	1
28	94619	FITTING- Tube	1
29	94634	SPRING- Helicoil	1
30	A94675	DIAPHRAGM & PLUNGER	1
31	95921	GASKET- Air filter cover	1
32	93828	COVER- Air filter	1
33	93578	SCREW- Self retaining (330 only)	2
	95792	SCREW- Rd. hd. (10-24) (330SL only)	2
34	95027	GUARD- Hand (330 only)	1
35	94389	BUTTON- Choke	1
36	94388	WASHER- Wave	1
37	94502	LEVER- Choke	1
38	95922	SCREW- Pan taptite (8-32 x 5/16)	1
39	A93853	HANDLE BAR- Flush cut	1
	A938531	HANDLE BAR- Flush cut (After Lot #C309)	1
40	82246	SCREW Cap socket hd. (10-24 x 1)	2

Ref #	Part #	Description	Qty
41	82179	SCREW- Mach. hex. hd. (10-32 x 1 7/8)	2
42	94504	SPACER- Choke	1
43	94382	WASHER- Wave	1
44	94503A	PLATE- Choke	1
45	94381	GROMMET	1
46	A94380A	CARBURETOR (Walbro WT-4)	1
	A96421	CARBURETOR (Zama C-1S-H3)	1
47	82377	SCREW- Cap socket hd. (10-24 x 1 3/4)	1
48	A96419A	HOUSING- Engine	1
49	95633	DECAL	1
50	98688	TUBING (after Lot #C309)	1
51	A68593	FINDER- Oil	1
52	96841	VALVE- Duck bill	1
53	69454	FILTER	1
54	69443	FILTER- Fuel tank valve	1
	95671	PIN- Throttle lock (after Lot #C309)	1
	95020	SPRING- Compression	1
55	95989	BUSHING- Flanged	1
	58409	RING- Retaining	1
56	94386	DECAL- Starter housing	1
57	A94736	HOUSING- Starter	1
58	938302	HOUSING- Engine (bottom)	1
59	88060	SCREW- Hex hd. (10-24 x 2.5000)	4
60	A94673	PLATE- Carburetor chamber	1
61	94392	FITTING- Tube (L)	1
62	9520108	TUBING- 2" (pulse line)	1
63	95216	SPRING- Pulse line (inside)	1
64	9315721	TUBING- 5 1/4" (pulse line)	1
65	64862	GROMMET	1
66	9311212	TUBING-3" (Oil Deliver)	1
	94619	FITTING- Tube (see index #28)	1
67	88051	SCREW- Sems hex hd. (10-24 x 3/4)	1
68	94763	BRACE- handle	1
69	95342	GASKET Carburetor	1
70	94391	GASKET- Oil pump	1
	9311226	TUBING- 6 1/2" (Oil)	1
71	96894	SPACER- Flanged	1

330 Chain Saw UT-10592 10592-UT 330 Chain Saw UT-10592 330 Chain Saw - Muffler, Clutch & Ignition

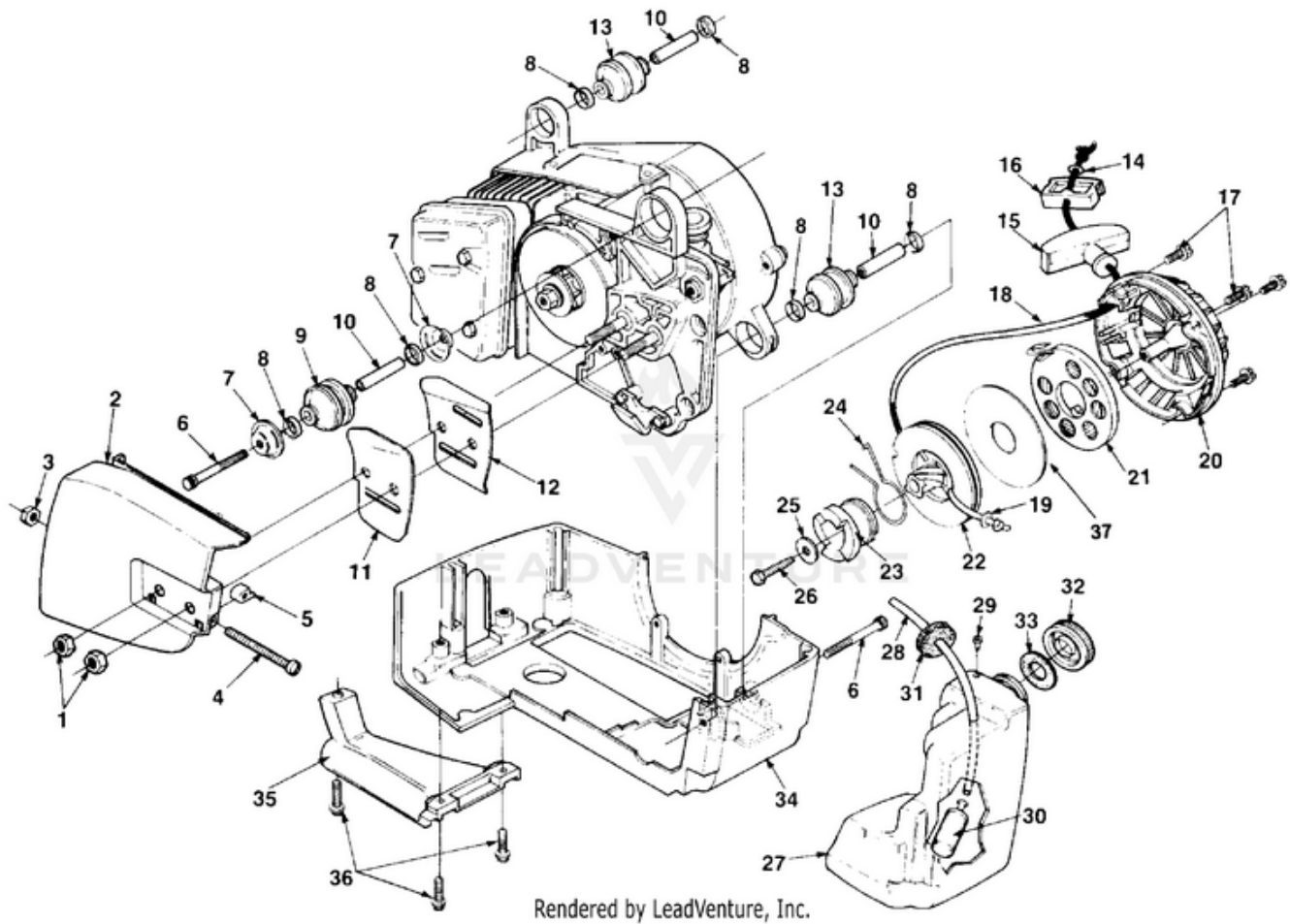


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Ref #	Part #	Description	Qty
	A96456	MUFFLER	1
1	88058	SCREW- Hex hd. (10-24 x 2 1/4)	2
2	88057	SCREW- Hex sems (10-24 x 2)	1
3	960901	CAP- Muffler	1
4	9398302	SPACER- Muffler	1
5	9398304	SPACER- Muffler	1
6	96091	BAFFLE- Muffler	1
7	96094	SCREEN- Spark arrestor	1
8	96092	BAFFLE- Muffler	1
9	94501	PLATE- Reinforcing	1
10	A968151	BODY- Muffler	1
11	96093A	DEFLECTOR- Exhaust	1
12	938561A	CAP- Muffler (units prior to Lot #C201)	1
	A960691	CAP- Muffler (units prior to Lot #C201) (330W)	1
13	93855	BAFFLE- Muffler (outer) (prior to Lot #C201) (330W)	1
14	93504	SCREEN- Spark arrestor (330W) (prior to Lot #C201)	1
15	93515	BAFFLE- Muffler (330W) (prior to Lot #C201)	1
16	94501	PLATE- Reinforcing (prior to Lot #C201)	1
17	938571	BODY- Muffler (330W) (prior to Lot #C201)	1
18	A94361	MODULE- Ignition	1
19	A94754	TERMINAL- High tension	1
20	94362	LEAD- High tension	1
21	95098	SLEEVE- Insulation	1
22	96169S	SPARK PLUG	1
23	93836B	RETAINER- Reed valve	1
24	938341	VALVE- Reed	2
25	93835A	SEAT- Reed stop	1
26	93838B	BOOT- Connector	1
27	93847	RETAINER- Boot	1
28	80983	SCREW- (8-32 x 1/2)	4
29	A94668A	LEAD- Electrical	1
30	88052	SCREW- (10-24 x 875)	2
31	70705	STOP- Chain	1
32	A93632A	SHOE- Clutch	3
33	65064	WASHER- Thrust	2
34	94374	SPIDER- Clutch	1
35	93814A	SPRING- Clutch	3
36	93643	WASHER- Thrust	1
37	65746B	RACE- Inner	1
38	64124	BEARING- Roller	1
39	A95621	SPROCKET & DRUM- 3/8" pitch 7T	1
40	81236	NUT- Hex (3/8-24)	1
41	93844A	ROTOR	1
42	95479A	WASHER- Flat	1

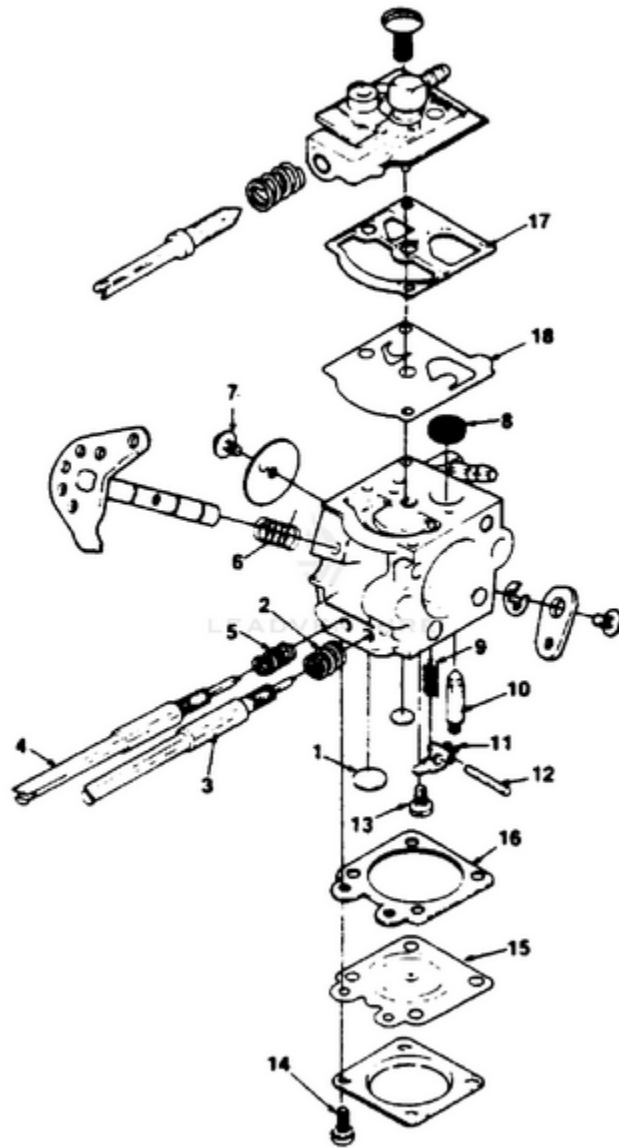
Ref #	Part #	Description	Qty
43	81255	NUT- Lock (rotor nut)	1
44	88050	SCREW- Hex sems (10-24 x .625)	5
45	943412	SHROUD- Air	1
46	46840	CABLE TIE	1

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Ref #	Part #	Description	Qty
1	81196	NUT- Hex (5/16-18)	2
2	A946851	COVER- Drivecase	1
3	81206	NUT- Hex (10-32)	1
4	65175A	SCREW- Guide bar adjusting	1
5	651121	PIN- Guide bar adjusting	1
6	82377	SCREW- Cap socket hd. (10-24 x 1 3/4)	2
7	70440A	WASHER- Vibration isolator	2
8	70432A	RING- Vibration isolator	6
9	95868	ISOLATOR- Vibration	1
10	70433	SPACER	3
11	95453	PLATE- Guide bar (outer)	1
12	95452	PLATE- Guide bar (inner)	1
13	95915	ISOLATOR- Vibration	2
14	84025	WASHER- Flat (#8)	1
15	A69962B	GRIP- Starter	1
16	70018A	INSERT- Rope	1
17	80983	SCREW- (8-32 x 1/2)	4
18	A93876	USE UP06820	1
19	93862	WASHER- Nylon	1
20	A94736	HOUSING- Starter	1
21	A94918A	SPRING- Rewind w/retainer	1
22	94383A	PULLEY- Starter	1
23	94384	RATCHET- Starter	1
24	94505A	LEVER- Ratchet	1
25	95208	WASHER	1
26	82392	SCREW- Thd. forming (#10 x 1 1/4)	1
27	A94678A	TANK- Fuel	1
28	9311230	TUBING- 7 1/2 (fuel)	1
29	96841	VALVE- Check	1
30	96639	FILTER- Fuel	1
31	95206	SEAL- Foam	1
32	A94671	CAP- Fuel	1
33	94390	GASKET- Filler cap	1
34	938302	HOUSING- Engine (bottom)	1
35	94763	BRACE- Handle	1
36	88051	SCREW- Sems hex hd. (10-24 x 3/4)	3
37	12320A	SHIELD	1
	A04291	ASSEMBKY- Complete Starter	

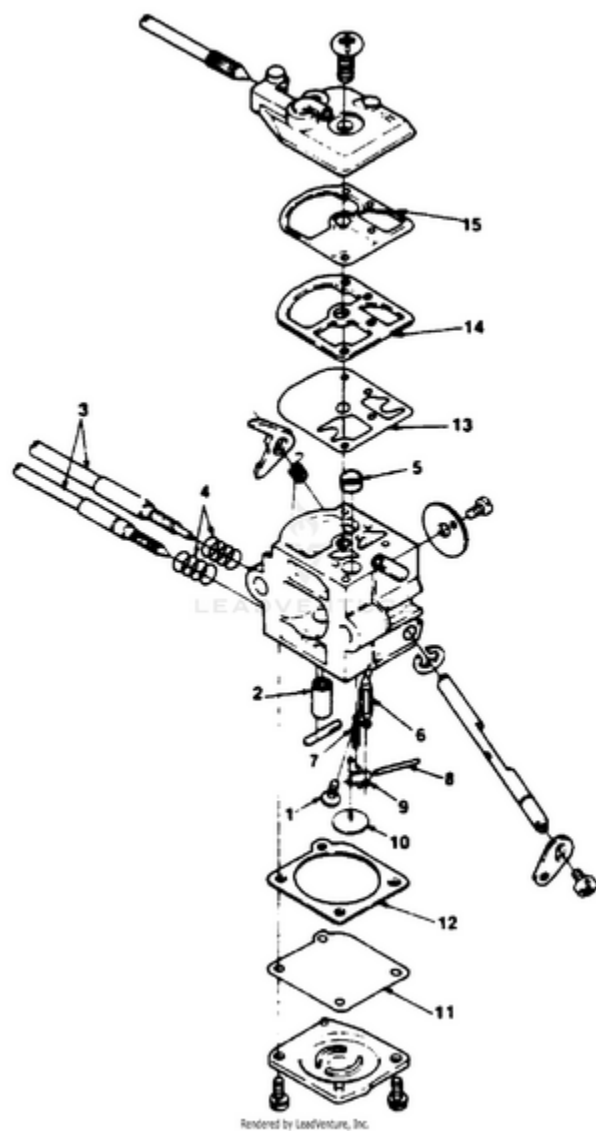
330 Chain Saw UT-10592 10592-UT 330 Chain Saw UT-10592 330 Chain Saw - Walbro Carburetor



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Ref #	Part #	Description	Qty
1	96943	Repair Kit	1
2	96943	Repair Kit	1
3	96943	Repair Kit	1
4	96943	Repair Kit	1
5	96943	Repair Kit	1
6	96943	Repair Kit	1
7	96943	Repair Kit	1
8	96943	Repair Kit	1
9	96943	Repair Kit	1
10	96943	Repair Kit	1
	64229	Needle	1
11	96943	Repair Kit	1
12	96943	Repair Kit	1
13	96943	Repair Kit	1
14	96943	Repair Kit	1
15	96943	Repair Kit	1
	96944	Gasket/Diaphragm Kit	1
16	96943	Repair Kit	1
	96944	Gasket/Diaphragm Kit	1
17	96943	Repair Kit	1
	96944	Gasket/Diaphragm Kit	1
18	96943	Repair Kit	1
	96944	Gasket/Diaphragm Kit	1

330 Chain Saw UT-10592 10592-UT 330 Chain Saw UT-10592 330 Chain Saw - Zama Carburetor



Ref #	Part #	Description	Qty
1	96482	Repair Kit	1
2	96482	Repair Kit	1
3	96482	Repair Kit	1
4	96482	Repair Kit	1
5	96482	Repair Kit	1
6	96482	Repair Kit	1
7	96482	Repair Kit	1
8	96482	Repair Kit	1
9	96482	Repair Kit	1
10	96482	Repair Kit	1
11	96482	Repair Kit	1
	96483	Diaphragm Repair Kit	1
12	96482	Repair Kit	1
	96483	Diaphragm Repair Kit	1
13	96482	Repair Kit	1
	96483	Diaphragm Repair Kit	1
14	96482	Repair Kit	1
	96483	Diaphragm Repair Kit	1
15	96482	Repair Kit	1
	96483	Diaphragm Repair Kit	1

ACCESSORIES & TOOLS

GREASE- Multi use	17193	SPANNER WRENCH- Clutch removal	A-24060
KIT- Bumper plate (330 & 330W)	A-12272-D	WRENCH- Combination	A-24284
Includes:		SHIM- Black plastic (.012") rotor air gap	24306
SCREW- (10-24 x 3/8)	88048	PULLER- Rotor removal	A-24544
SCREW	88051	SEALANT	24823
LACQUER- Touch up (red)	23475	CORD- Starter (250 ft. reel)	68848
LOCTITE	23488-B	SAFE•T•TIP (standard with unit)	A-70790-A
PLUG- Bearing installation	23756	Includes:	
PLUG- Piston pin removal	A-23949	SCREW	82335
Includes:		TUBING- Rubber (10 ft.)	93112-99
"O" RING (1)	67900	TUBING- Rubber (10 ft.)	93157-99
KIT- Sprocket nose repair	A-94851		
Includes:			
BEARING- Guide bar	94852		

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Ref #	Part #	Description	Qty
17193	17193	GREASE- Multi use	1
A-12272-D	A12272D	KIT- Bumper plate (330 & 330W)	1
88048	88048	SCREW- (10-24 x 3/8)	1
88051	88051	SCREW	1
23475	23475	LACQUER- Touch up (red)	1
23488-B	23488-B	LOCTITE	1
23756	23756	PLUG- Bearing installation	1
A-23949	A23949	PLUG- Piston pin removal	1
67900	67900	"O" RING (1)	1
A-94851	A94851	KIT- Sprocket nose repair	1
94852	94852	BEARING- Guide bar	1
A-24060	A24060	NLA(NO LONGER AVAILABLE)	1
A-24284	A-24284	WRENCH- Combination	1
24306	24306	SHIM- Black plastic (.012") rotor air gap	1
A-24544	A24544	USE A24544A	1
24823	24823	SEALANT	1
68848	68848	CORD- Starter (250 ft. reel)	1
A70790A	A70790A	SAFE-T-TIP (standard with unit)	1
82335	82335	SCREW	1
9311299	9311299	TUBING- Rubber (10 ft.)	1
9315799	9315799	TUBING- Rubber (10 ft.)	1