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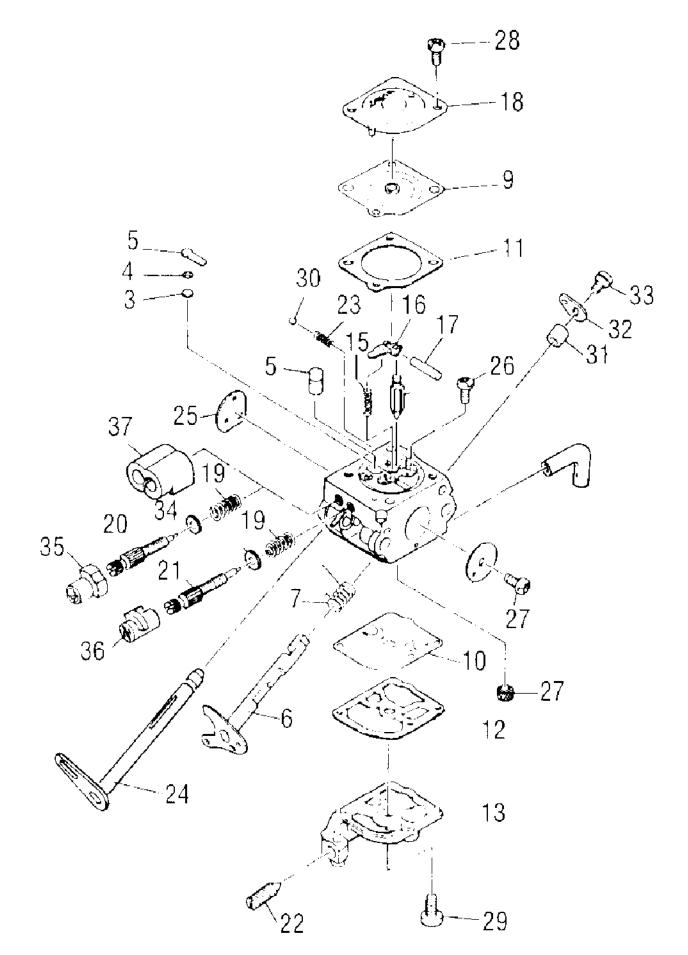
11-600032-78 Mac 3216 IPL 211229-01 Bar & Chain Information

## No Diagram Available

# Parts List Only

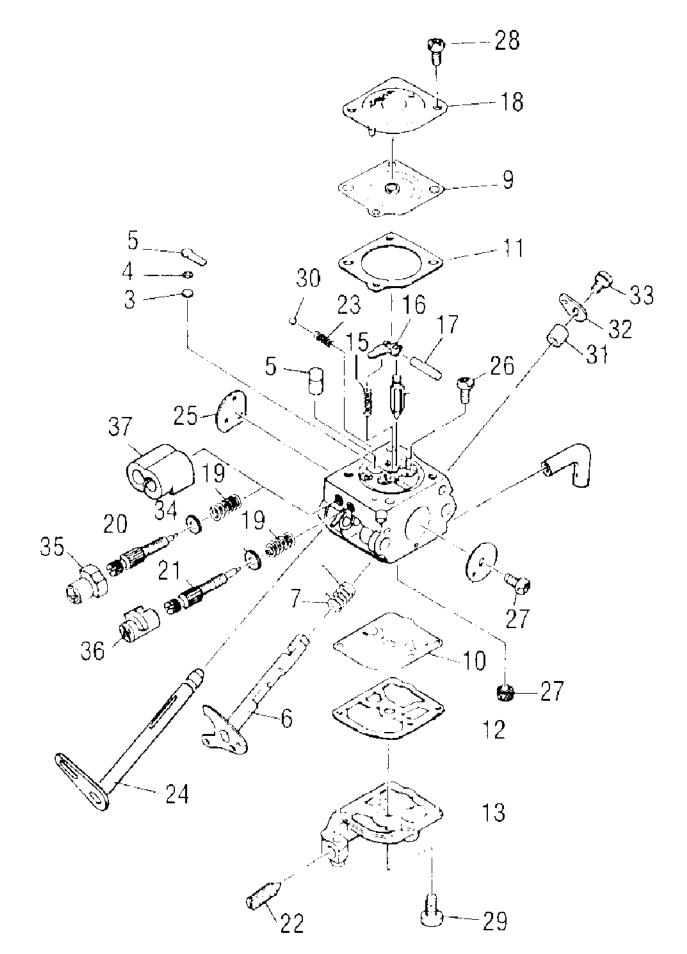
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Ref #	Part Number	Qty Description
	21423333	10" Bar
	21423433	12" Bar
	21423533	14" Bar
	21423633	16" Bar
	21492333	10" Chain MPG370GLX38cl
	21492133	12" Chain MPG370GLX44cl
	21491933	14" Chain MPG370GLX49cl
	21492533	16" Chain MPG370GLX54cl
	30199233	File & Guide (5/32) Service Tool
	21421733	File (5/32) Service Tool



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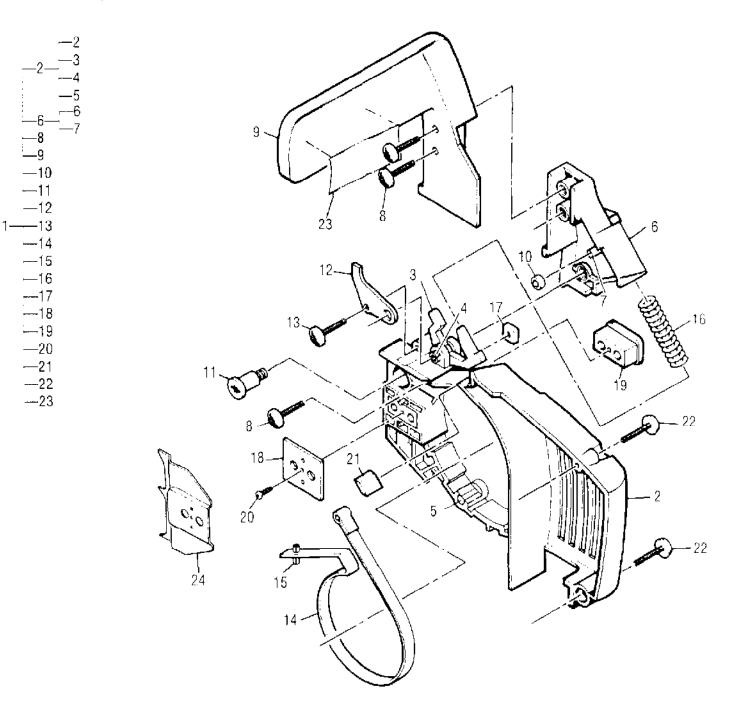
Ref #	Part Number	Qty Description
1 2 3 4 5	323653-03	Carburetor, Walbro WT 438 1 Strainer 1 Plug, Welch 1 Valve, Check (Not Included Individually) 1 Retainer, Check Valve (Not Included Individually) 1 Nozzle Assembly, Check Valve (Not Included Individually)
6 7 8 9		<ol> <li>Shaft Assembly, Throttle (Not Included Individually)</li> <li>Spring, Throttle Return (Not Included Individually)</li> <li>Valve, Throttle (Not Included Individually)</li> <li>Diaphragm Assembly, Metering (Not Included Individually)</li> </ol>
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27		<ol> <li>Diaphragm, Pump (Not Included Individually)</li> <li>Gasket, Metering Chamber (Not Included Individually)</li> <li>Gasket, Pump (Not Included Individually)</li> <li>Cover, Pump (Not Included Individually)</li> <li>Valve, Inlet Needle (Not Included Individually)</li> <li>Valve, Inlet Needle (Not Included Individually)</li> <li>Spring, Metering Lever (Not Included Individually)</li> <li>Lever, Metering (Not Included Individually)</li> <li>Lever, Metering (Not Included Individually)</li> <li>Cover, Metering Chamber (Not Included Individually)</li> <li>Cover, Metering Chamber (Not Included Individually)</li> <li>Spring, Adjust Screw (Not Included Individually)</li> <li>Screw, Main Mixture (Not Included Individually)</li> <li>Screw, Idle Mixture (Not Included Individually)</li> <li>Screw, Throttle Adjust (Not Included Individually)</li> <li>Spring, Friction (Not Included Individually)</li> <li>Shaft Assembly, Choke (Not Included Individually)</li> <li>Valve, Choke (Not Included Individually)</li> <li>Screw, Pin (Not Included Individually)</li> <li>Screw, Pin (Not Included Individually)</li> <li>Screw, Throttle/Choke Valve (Not Included Individually)</li> </ol>
28 29 30 31 32 33 34 35 36 37	111216 111217 324013 324009	<ul> <li>Screw, Metering Chamber (Not Included Individually)</li> <li>Screw, Pump Cover (Not Included Individually)</li> <li>Ball, Steel (Not Included Individually)</li> <li>Collar (Not Included Individually)</li> <li>Lever, Throttle (Not Included Individually)</li> <li>Screw, Throttle Lever (Not Included Individually)</li> <li>Screw, Throttle Lever (Not Included Individually)</li> <li>Washer, Limiter (Not Included Individually)</li> <li>Cap, Limiter, Hi</li> <li>Cap, Limiter, Lo</li> <li>Retainer Limiter (Not Included Individually)</li> <li>Carburetor Kit Repair A1128WT</li> <li>Gasket/Diaphragm B1110WT</li> </ul>



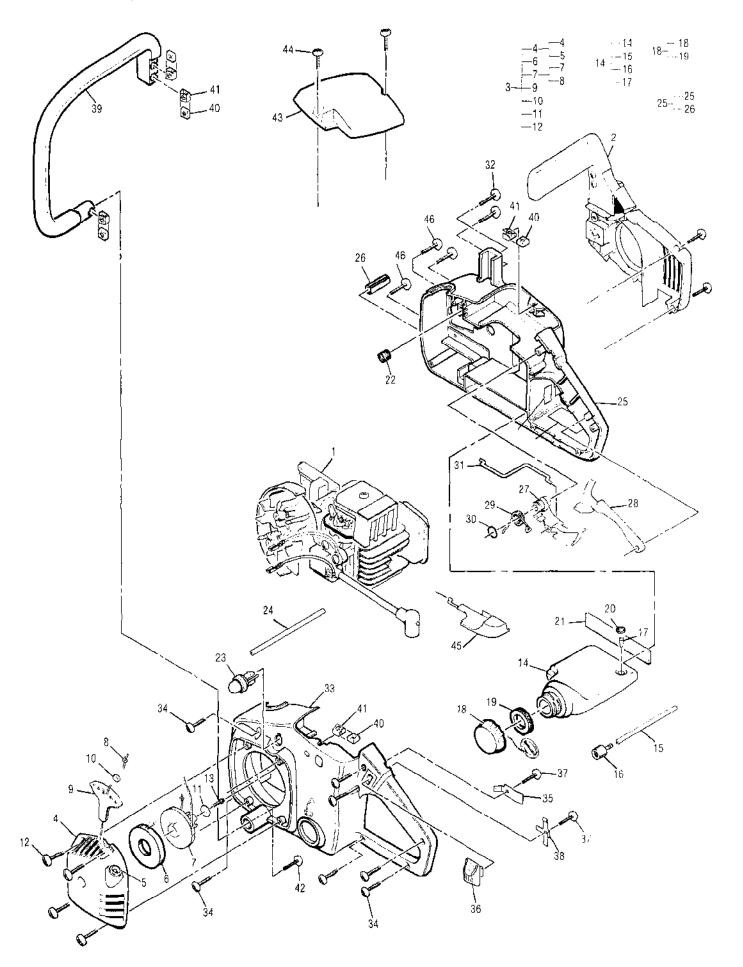
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Ref #	Part Number	Qty Description
1 2 3 4 5	323653-03 324947-01	Carburetor, Zama CU1M28C Carburetor, Zama C1QM36 1 Strainer (Not Included Individually) 1 Plug, Welch (Not Included Individually) 1 Valve, Check (Not Included Individually) 1 Retainer, Check Valve (Not Included Individually) 1 Nozzle Assembly, Check Valve (Not Included Individually)
6 7 8 9		<ol> <li>Shaft Assembly, Throttle (Not Included Individually)</li> <li>Spring, Throttle Return (Not Included Individually)</li> <li>Valve, Throttle (Not Included Individually)</li> <li>Diaphragm Assembly, Metering (Not Included Individually)</li> </ol>
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27		<ol> <li>Diaphragm, Pump (Not Included Individually)</li> <li>Gasket, Metering Chamber (Not Included Individually)</li> <li>Gasket, Pump (Not Included Individually)</li> <li>Cover, Pump (Not Included Individually)</li> <li>Valve, Inlet Needle (Not Included Individually)</li> <li>Valve, Inlet Needle (Not Included Individually)</li> <li>Spring, Metering Lever (Not Included Individually)</li> <li>Lever, Metering (Not Included Individually)</li> <li>Lever, Metering (Not Included Individually)</li> <li>Cover, Metering Chamber (Not Included Individually)</li> <li>Spring, Adjust Screw (Not Included Individually)</li> <li>Screw, Main Mixture (Not Included Individually)</li> <li>Screw, Idle Mixture (Not Included Individually)</li> <li>Screw, Throttle Adjust (Not Included Individually)</li> <li>Spring, Friction (Not Included Individually)</li> <li>Shaft Assembly, Choke (Not Included Individually)</li> <li>Valve, Choke (Not Included Individually)</li> <li>Screw, Pin (Not Included Individually)</li> </ol>
28 29 30 31 32 33 34 35 36 37	111216 111217 301041 301042	<ul> <li>2 Screw, Metering Chamber (Not Included Individually)</li> <li>1 Screw, Pump Cover (Not Included Individually)</li> <li>1 Ball, Steel (Not Included Individually)</li> <li>1 Collar (Not Included Individually)</li> <li>1 Lever, Throttle (Not Included Individually)</li> <li>1 Screw, Throttle Lever (Not Included Individually)</li> <li>2 Washer, Limiter (Not Included Individually)</li> <li>2 Cap, Limiter, Hi</li> <li>1 Cap, Limiter, Lo</li> <li>1 Retainer Limiter (Not Included Individually)</li> <li>Carburetor Kit Repair RB-39 Gasket/Diaphragm GND-35</li> </ul>

11-600032-78 Mac 3216 IPL 211229-01 Chain Brake Assembly



Ref #	Part Number	Qty Description
1	224700	1 Brake Kit Asy, Grey (Choose appropriate color)
1	301558	1 Brake Kit Asy, Yellow (Choose appropriate color)
1	301557	1 Brake Kit Asy, Black (Choose appropriate color)
2	301650	1 Housing Kit Asy, Grey (Choose appropriate color)
2	301559	1 Housing Kit Asy, Yellow (Choose appropriate color)
2	301560	1 Housing Kit Asy, Black (Choose appropriate color)
3	216755	1 Latch, Chain Brake
4		1 Dowel, Spring
5		2 Pin, Dowel
6	301038	2 Lever, Brake Asy
7		1 Pin, Dowel
8	111226	1 Screw, 10-24 x .62 Tr H
9	323082	3 Guard, Hand Torx 3
10	224849	1 Roller
11	224847	1 Screw, Shoulder
12	224848	1 Stop, Brake
13	300294	1 Screw, 8-16 x .75 Tr Hd Plastite
14	301037	1 Band. Brake
15		1 Pin Spring (.125 x .50)
16	322204	1 Spring. Compression
17	218005	1 Nut, Square 10-24
18	300275	1 Shield
19	300271	1 Spacer Bar Pad
20	111101	1 Screw. 4-40 x 5/16 Taptite
21	322194	1 Seal, Foam
22	300299	2 Screw 8-16 x 1.0 Tr Hd Plastite
23	46703-41	1 Label Safety
24	322181	1 Spike Bucking (Optional accessory)



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Ref #	Part Number	Qty	Description
1			Powerhead Asy (See "Powerhead Assembly" illustration and parts list)
2			Chain Brake Asy (See "Chain Brake Assembly" illustration and parts list)
3	300858	1	Starter Housing Asy, Grey (Choose appropriate color)
3	300264	1	Starter Housing Asy, Yellow (Choose appropriate color)
3	301078	1	Starter Housing Asy, Black (Choose appropriate color)
4	301651	1	Housing/Rope Guide Asy, Grey (Choose appropriate color)
4	301044	1	Housing/Rope Guide Asy, Yellow (Choose appropriate color)
4	301654	1	Housing/Rope Guide Asy, Black (Choose appropriate color)
$   \begin{array}{r}     5 \\     6 \\     7 \\     8 \\     9 \\     10 \\     11 \\     12 \\     13 \\     14 \\     15 \\     16 \\     17 \\     18 \\     19 \\     20 \\     21 \\     22 \\     23 \\     24 \\     25 \\     26 \\     27 \\     28 \\     29 \\     30 \\     31 \\     32 \\   \end{array} $	300475 301043 300300 87851 223944 300297 300294 300294 300260 300289 225062 300256 300256 300259 322195 300259 224242-02 300298 301049 111098 224821 224822 224827 111226	1 1 1 1 1 1 1 1 1 1	Rope Guide (Not available individually) Spring, Starter Rewind Rope/Drum Asy (32cc) Rope, Starter Handle, Starter Bushing, Starter Washer, .19 ID x .68 OD Screw, 8-16 x .75 Torx Hd Plast Screw, 8-16 x .75 Torx Hd Plastite Oil Tank Asy Hose, Oil Pick-up Pickup, Oil Valve, Duckbill Oil Cap Asy w/Retainer Gasket, Oil Cap Filter, Foam Spacer, Oil Tank Filter, Foam Primer, Remote Hose Housing/Pin Asy, Right Pin. Roll 1/4 x 1.0 L Trigger Throttle Latch Throttle Spring, Torsional "O" Ring Rod, Throttle
33 34 35 36 37 38	32394561 300294 224845 68846 223357 224844		IN/LBS Loctite 262 required. Engine Housing, Left, Blk Screw 8-16 x .75 Tr Hd. Plastite Contact, Ground Button, Stop Switch Screw 8-16 Plastite Contact, Ignition

K&T Saw Shop 606-678-9623 or 606-561-4983

### 11-600032-78 Mac 3216 IPL 211229-01 General Assembly

Ref #	Part Number	Qty Description
39	22483601	1 Handle, Front
40	218005	5 Nut, Square 10-24
41	300292	5 Retainer Nut
42	217936	1 Screw 10-24 x .75 Tr Torx
43	224830	1 Cover, Air Filter (Choose appropriate color)
43	322834	1 Cover, Air Filter, Grey (Choose appropriate color)
44	111099	2 Screw 10-24 x .625 Pn Hd Torx
45	22482601	1 Slide Choke
46	111226	4 Screw, 10-24 x .62 Tr Hd Torx

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11-600032-78 Mac 3216 IPL 211229-01 Loctite Kit

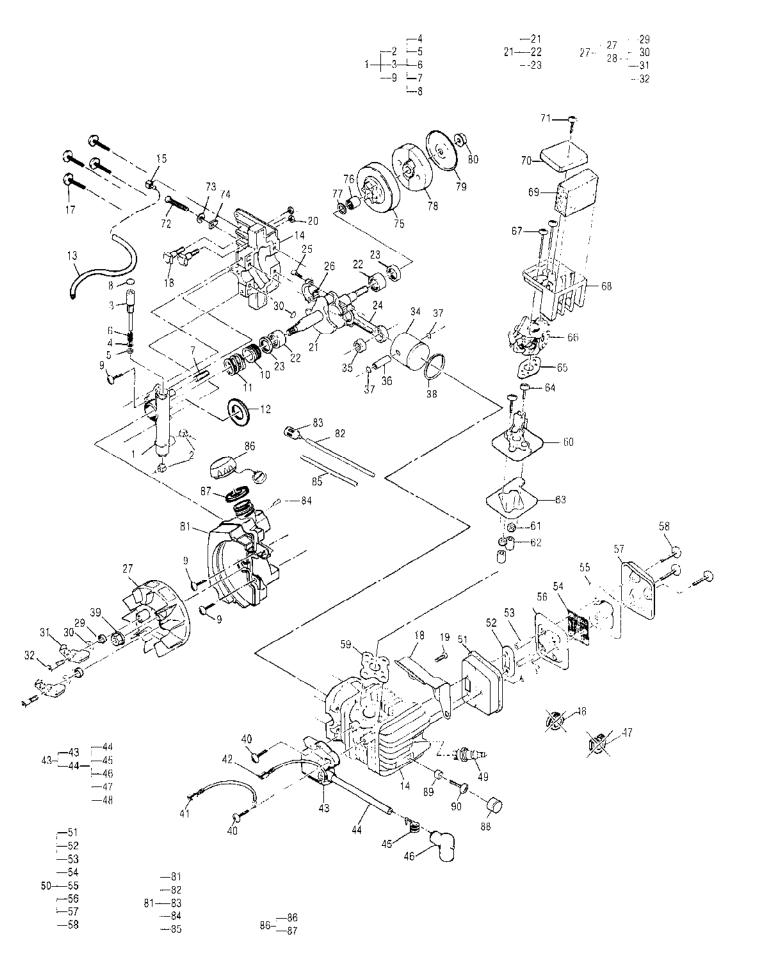
## No Diagram Available

# Parts List Only

K&T Saw Shop 606-678-9623 or 606-561-4983

#### 11-600032-78 Mac 3216 IPL 211229-01 Loctite Kit

Ref #	Part Number	Qty Description
	322235-02	LOCTITE KIT
	322236	RETAINING COMPOUND 620 (10 ml)
	322237	THREAD LOCKER 242 (10 ml)
	322238	GASKET ELIMINATOR 518 (50 ml)
	322239-01	BLACK MAX ADHESIVE 380 (1 oz)
	323749	THREAD LOCKER 262 (10 ml)
	323762	Anti-Seize Lubricant 767 (30 ml)



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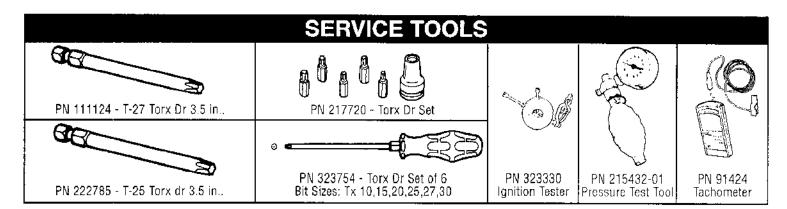
Ref #	Part Number	Qty Descrip	tion
1	301304	1 Oil Pum	np Asy
2	322182	2 Fitting	
3	301084		ar/Plunger Asy
4	110582	1 Washer	
5			(Not Available Individually)
6			(Not Available Individually)
7			wel (Not Available Individually)
8	322187	1 Plug, Oi moving	il Pump Distributer Stocked. Medium to slow
0	111000	·	
9	111226		10-24 x .62 Tr Hd Torx Torque to 30-40 Loctite 262 required.
10	224814	1 Worm C	Gear
11	224840	1 Spring,	Compression
12	300295		bam, Oil Pump
13	300288		ting Hose
14			ase/Bar Bolt Asy, 38cc (Not Available
		Individua	ally)
15	83856-01	2 Bolt, Ba	ır
16	300257	1 Fitting	
17	111083	-	12-24 x 1.0 Hx Wshr Hd
18	323923	1 Baffle, A	
19	111054		10-24 x .625
20	110676		1/4-28 Flange
21	302140		haft/Bearing Asy
22	213282		ı, C'shaft
23 24	83859	2 Seal, C	
25	94654	2 Screw,	ting Rod/Bearing (Not Available Individually)
26	68095	1 Set, Rol	
27	302220	-	el/Pawl Asy
28	300763-01	-	vheel Pawls
29	216982		Starter Pawl
30	111131		r, Sp .469 OD x .222 ID
31			Not Available Individually)
32	322721	2 Pin, Sta	irter Pawl
33	102164	1 Key, Fly	wheel (Dealer stocked. Fast to medium
		moving	part.)
34		1 Piston	(Not Available Individually)
35			ı, Needle-Drawn Cup (Not Available
		Individua	ally)
36	323943	1 Pin, Pis	ton
37	111026	2 Ring, Si	nap
38		1 Piston, I	Ring (Not Available Individually)
39	110961		5/16-24 Torque to 180 IN/LBS
40	217936		Tr 10-24 x .75 Torx
41	300555		sy, Ground
42	300556		sy, Stop Switch
43	302138	1 Ignition	
44	223884	1 Kit, Pluç	
45	102556	1 Connec	tor
46	95266	1 Boot	- 1
47	110995	1 Gromm	
48	215533-01 Ket Sour	1 Gromm	
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#### 11-600032-78 Mac 3216 IPL 211229-01 Powerhead Assembly

Ref #	Part Number	Qty Description
49	322208	1 Spark Plug RDJ7Y Torque to 150 IN/LBS
50	301045	1 Muffler Asy
51	300280	1 Body
52	300281	1 Plate, Reinforcing
53	300284	3 Spacer
54	300282	1 Baffle, Inner Muffler
55	300286	1 Screen, Spark Arrester
56	300283	1 Baffle, Outer
57	323637	1 Cover, Muffler
58	111093	3 Screw, 10-24 x 1.75 Tr Hd Torx Torque to 50 IN/LBS
59	300265	1 Gasket, Insulator
60	224820	1 Insulator, Carburetor
61	218315	2 Nut. Hx 10-24
62	322188	
63	224850	1 Seal, Foam
64	217937	<ol> <li>Screw Tr 10-24 x 1.00 Torx Torque to 30-40 IN/LBS Loctite 262 required.</li> </ol>
65	300293	1 Gasket, Carburetor
66	000200	1 Carburetor/Choke Asy (Not Available Individually),
00		See "Carburetor Assembly" illustration and parts list.
67	218083	
67	210003	<ol> <li>Screw Tr 10-24 x 2.0 Torx Torque to 30-40 IN/LBS Loctite 262 required.</li> </ol>
68	224824	1 Box. Air Filter
69	224831	1 Filter, Air
70	224825	1 Shield Carburetor
71	111055	1 Screw 10-14 x .625 Plastite
72	223088	1 Screw, Adjusting
73	110907	1 Ring, Retaining
74	68656	1 Nut, Bar Adjusting
75	302768	1 Drum/Sprocket/Bearing Asy
76	91117	1 Bearing
77	215259	1 Washer Sprocket
78	301463	1 Kit, Clutch Asy
79	300276	1 Plate, Dust
80	111079	1 Nut, Clutch, 5/16-24 LH Torque to 180 IN/LBS
81	301834	1 Fuel Tank Asy
82	300289	1 Hose Fuel Pickup
83	216985	1 Filter Fuel
84	322199	1 Valve Duckbill
85	300290	1 Hose. Primer Retain
86	300564	1 Cap. Fuel Asy. w/Retainer
87	300267	1 Gasket. Fuel Cap
88	322200	1 Cover Cylinder
89	322200	1 Cover Spacer
90	217936	1 Screw 10-24 x .75 Tr Torx
50	301284	38cc Shortblock Asy.
	00120 <del>1</del>	JULE OHOLDIUCK ABY.

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11-600032-78 Mac 3216 IPL 211229-01 Service Tools



### 11-600032-78 Mac 3216 IPL 211229-01 Service Tools

Ref #	Part Number	Qty Description
111124	111124	1 T-27 Torx Dr., 3.5 in.
222785	222785	1 T-25 Torx Dr., 3.5 in.
217720	217720	1 Torx Dr Set
323754	323754	11 Torx Dr Set of 6 (Bit Sizes: Tx 10, 15, 20, 25, 27, 30)
323330	323330	1 Ignition Tester
21543201	215432-01	1 Pressure Test Tool
91424	91424	1 Tachometer