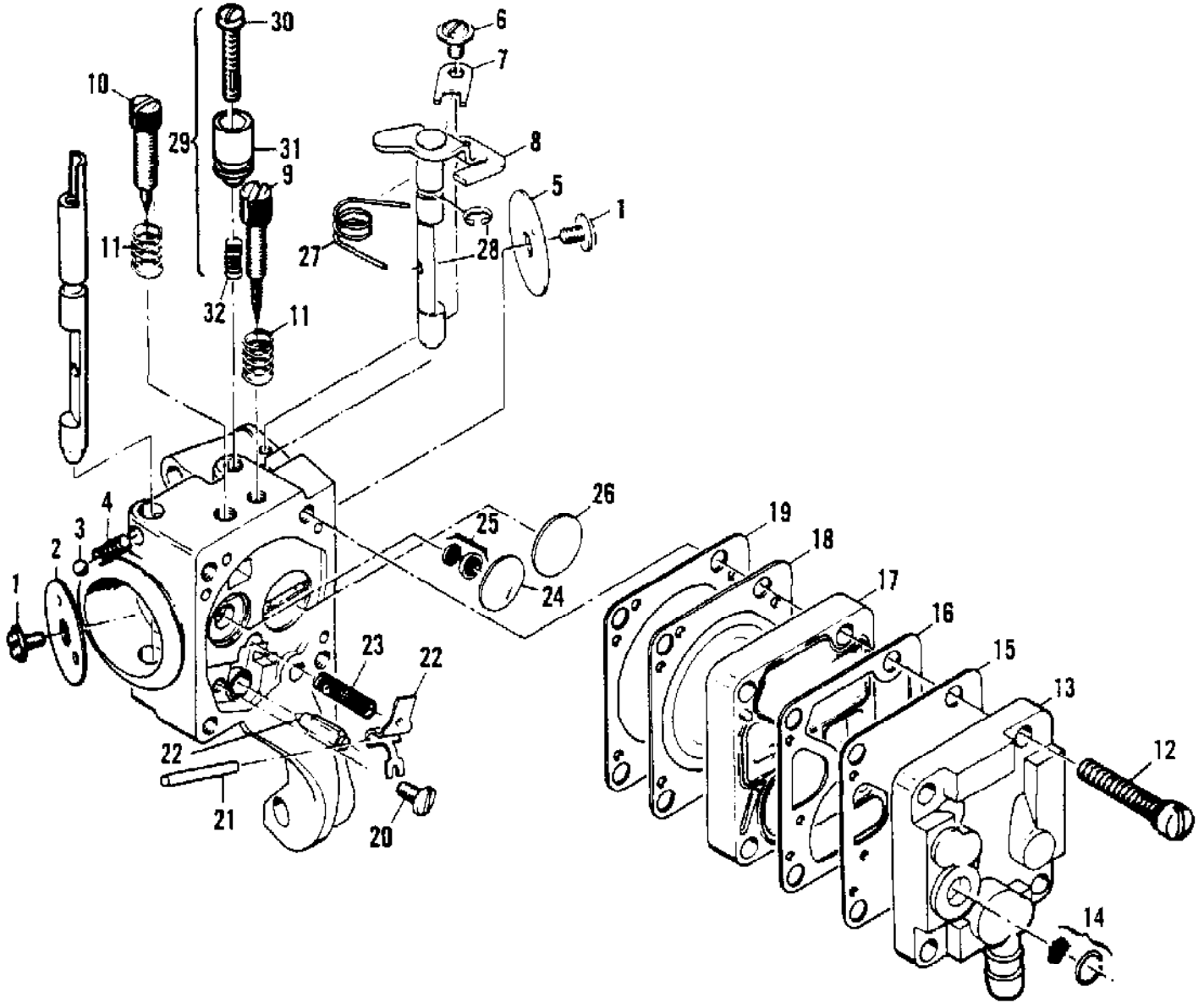


No  
Diagram  
Available  
  
Parts List  
Only

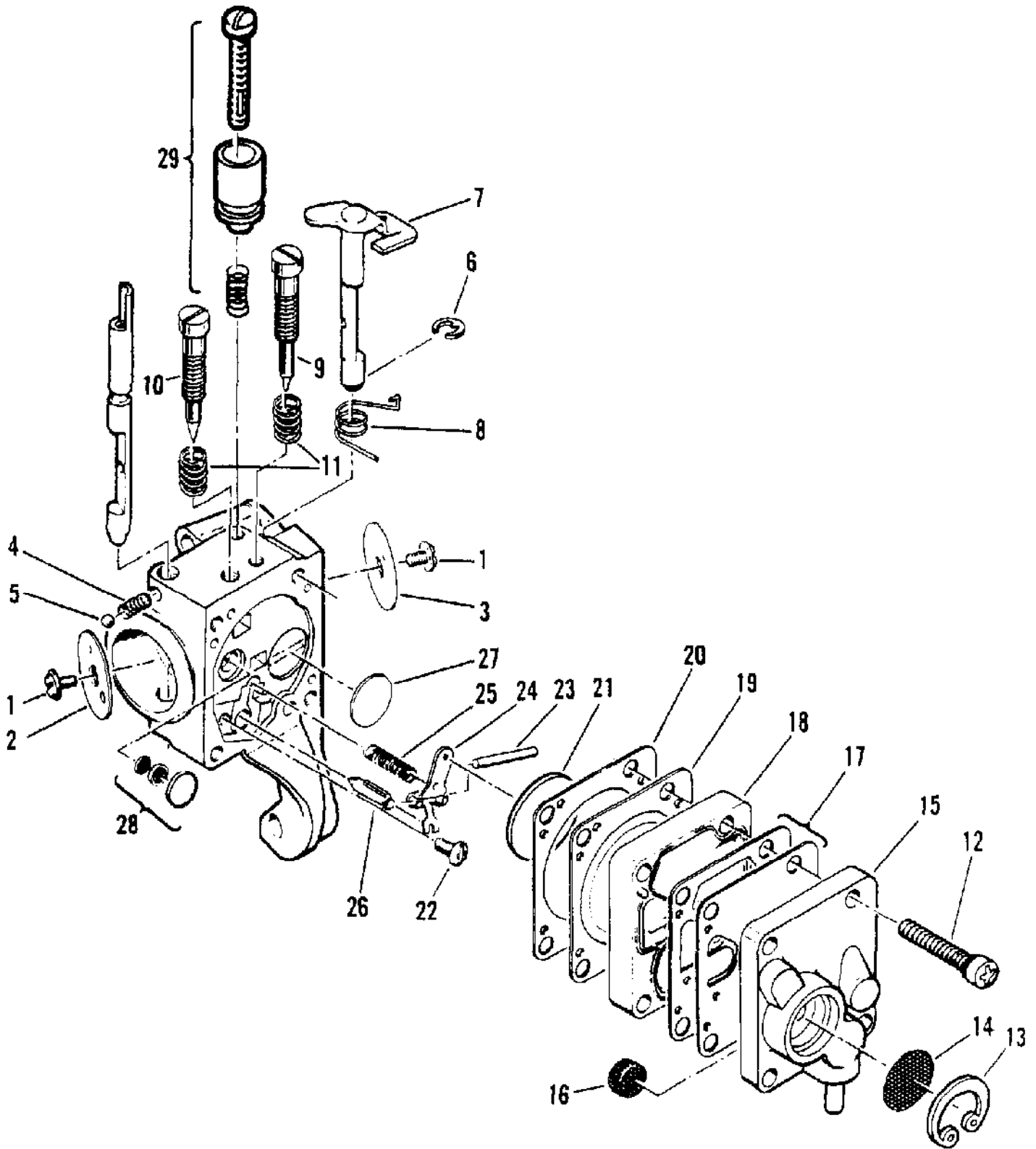
| Ref # | Part Number | Qty | Description  |
|-------|-------------|-----|--|
|       | 95169       |     | Kit - Spark Arrester   |
|       | 91485       |     | Wrench - Socket  |
|       | 85687       |     | Wrench - Screwdriver   |
|       | 88755       |     | Scrench  |
|       | 93283       |     | Case - Carrying, 12"   |
|       | 214201      |     | Bar Guard, 12"   |
|       | 93090       |     | Guide - Timing   |
|       | 85062       |     | Kit - Piston Tool Used on MAC 110 and MAC 120<br>Models with serial number prefix 11-.             |
|       | 68915A      |     | Kit - Piston Tool Used on MAC 110 and MAC 120<br>Models with serial number prefix 12-, 13- and 14. |
|       | 90256       |     | Kit - Tune up  |
|       | 214215      |     | Guide - File   |
|       | 214211      |     | Kit - Tool Maintenance   |
|       | 93900       |     | Kit - Pressure Test  |
|       | 215432      |     | Tool - Pressure Test   |
|       | 501334      |     | Tester - Ignition  |
|       | 214194      |     | Lubri - Gun  |
|       | 85702       |     | Lubricant - Custom, 6 oz. can  |
|       | 85703       |     | Lubricant - Custom, 6 oz. cans, 1 - 6 pack   |
|       | 67537       |     | Loctite  |
|       | 69794       |     | Locquic  |
|       | 110083      |     | R.T.V. Sealant   |

No  
Diagram  
Available  
  
Parts List  
Only

| Ref # | Part Number | Qty | Description             |
|-------|-------------|-----|-------------------------|
|       | 214233      |     | Bar - 10" Mini Pro      |
|       | 215250      |     | Bar - 10" Mini Mac      |
|       | 214918N     |     | Chain Asy - 10" MM 370G |
|       | 214227N     |     | Chain Asy - 10" MP 370G |
|       | 214234      |     | Bar - 12" Mini Pro      |
|       | 214921N     |     | Chain Asy - 12" MP 370G |
|       | 214916N     |     | Chain Asy - 12" MM 370G |
|       | 214235      |     | Bar - 14" Mini Pro      |
|       | 214913N     |     | Chain Asy - 14" MM 370G |

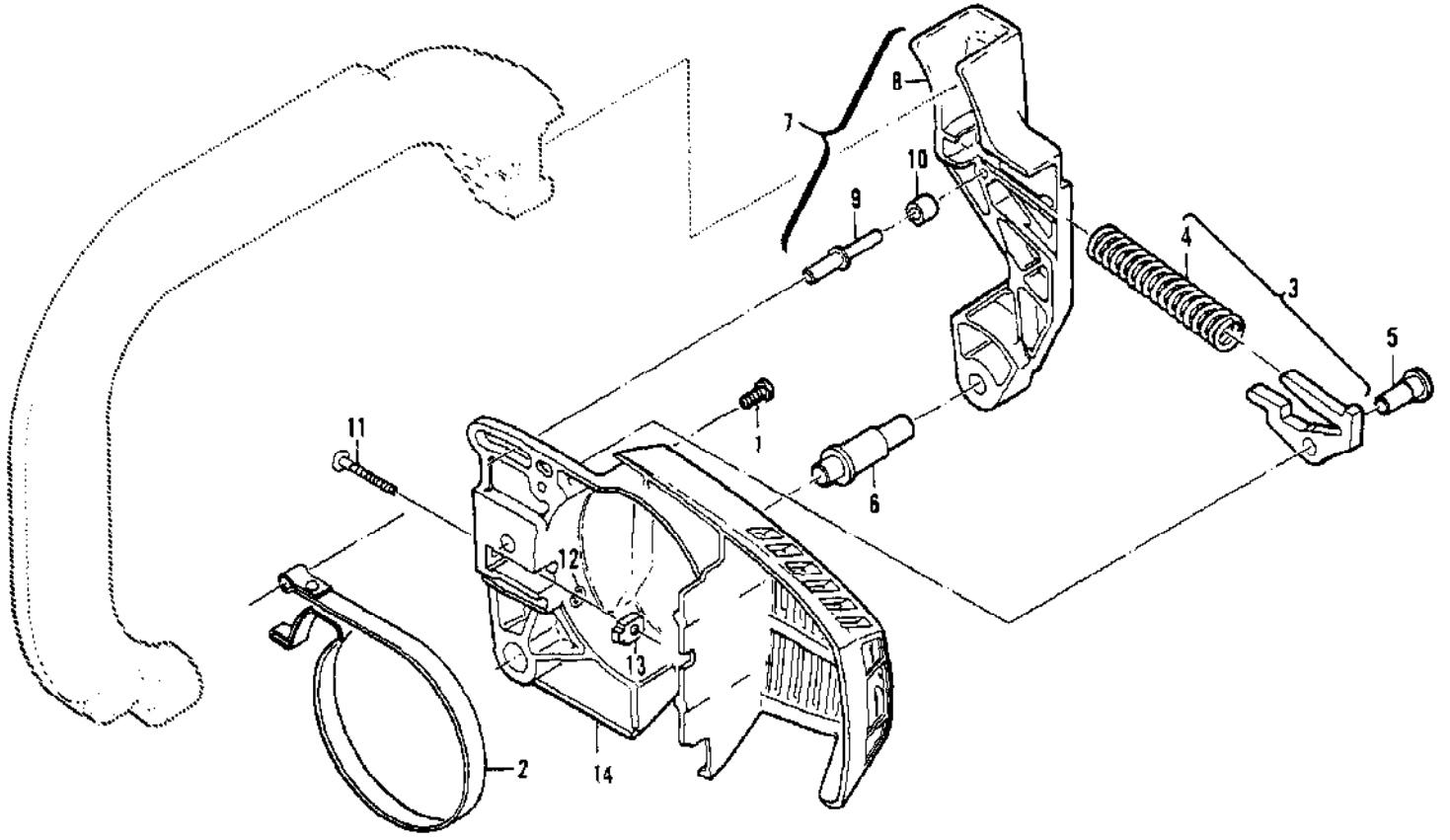


| Ref # | Part Number | Qty | Description                    |
|-------|-------------|-----|--------------------------------|
|       | 2140828     | 1   | Carburetor Asy - Walbro MDC 16 |
|       | 214082      | 1   | Carburetor Asy - Walbro MDC 15 |
| 1     |             | 2   | Screw - Plate                  |
| 2     |             | 1   | Plate - Choke                  |
| 3     |             | 1   | Hall - Choke friction          |
| 4     |             | 1   | Spring - Choke friction        |
| 5     |             | 1   | Plate - Throttle               |
| 6     |             | 1   | Screw - Clip                   |
| 7     |             | 1   | Clip - Throttle shaft          |
| 8     |             | 1   | Shaft Asy - Throttle           |
| 9     | 86446       | 1   | Needle - Idle                  |
| 10    | 86447       | 1   | Needle - High speed            |
| 11    | 67502       | 2   | Spring - Needle                |
| 12    |             | 4   | Screw Asy - Body               |
| 13    |             | 1   | Cover Asy - Pump               |
| 14    | 85629       | 1   | Kit - Vent screen              |
| 15    | 68563       | 1   | Diaphragm - Fuel pump          |
| 16    | 85035       | 1   | Gasket - Pump diaphragm        |
| 17    |             | 1   | Body - Fuel pump               |
| 18    | 85036       | 1   | Diaphragm - Metering           |
| 19    | 85034       | 1   | Gasket - Diaphragm             |
| 20    | 67500       | 1   | Screw - Lever pin              |
| 21    | 67508       | 1   | Pin - Lever                    |
| 22    | 85059       | 1   | Kit - Needle & Lever           |
| 23    | 68567       | 1   | Spring - Lever                 |
| 24    | 68559       | 1   | Plug - Welsh 7/16              |
| 25    | 83758       | 1   | Kit - Check valve              |
| 26    | 68560       | 1   | Plug - Welsh 1/2               |
| 27    |             | 1   | Spring - Throttle return       |
| 28    |             | 1   | Ring - Retaining               |
| 29    | 93437       | 1   | Latch Asy - Throttle           |
| 30    |             | 1   | Screw - Long lock              |
| 31    |             | 1   | Latch - Throttle               |
| 32    |             | 1   | Spring - Compression           |
|       | 216731      |     | Repair Kit                     |
|       | 216727      |     | Gasket/Diaphragm               |
|       | 216725      |     | Needle Kit                     |

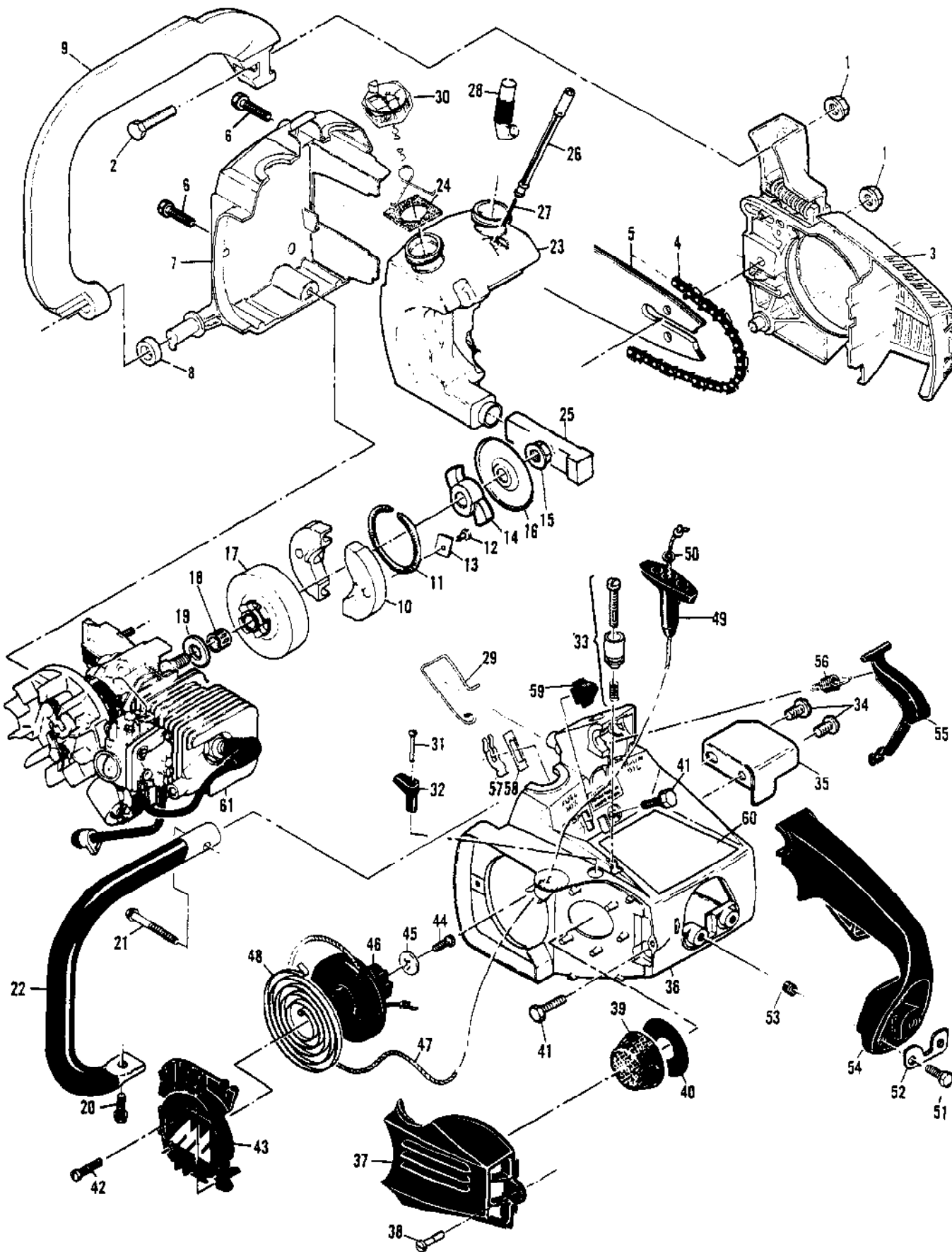


| Ref # | Part Number | Qty | Description                   |
|-------|-------------|-----|-------------------------------|
|       | 214082A     | 1   | Carburetor Asy - Zama M1 - M7 |
| 1     |             | 2   | Screw - Plate                 |
| 2     |             | 1   | Valve - Choke                 |
| 3     |             |     | Valve - Throttle              |
| 4     |             | 1   | Spring - Choke                |
| 5     |             | 1   | Ball - Friction               |
| 6     |             | 1   | "E" Ring                      |
| 7     |             | 1   | Shaft Assembly - Throttle     |
| 8     |             | 1   | Spring - Throttle return      |
| 9     | 215275      | 1   | Screw - Idle adjustment       |
| 10    | 215276      | 1   | Screw - Main adjustment       |
| 11    | 91819       | 2   | Spring - Screw                |
| 12    |             | 4   | Screw - Cover                 |
| 13    |             | 1   | "C" Ring                      |
| 14    | 215284      | 1   | Strainer                      |
| 15    |             | 1   | Cover - Pump                  |
| 16    | 91820       |     | Screen                        |
| 17    |             | 1   | Kit - Pump diaphragm          |
| 18    | 215281      | 1   | Body - Pump                   |
| 19    | 215282      | 1   | Diaphragm - Main              |
| 20    | 215280      | 1   | Gasket - Main                 |
| 21    | 215277      | 1   | Disk                          |
| 22    | 91814       | 1   | Screw                         |
| 23    | 91813       | 1   | Pin - Arm                     |
| 24    | 215278      | 1   | Arm - Needle valve            |
| 25    | 91811       | 1   | Spring - Arm                  |
| 26    | 91810       | 1   | Valve - Needle                |
| 27    | 93951       | 1   | Plug - Welsh                  |
| 28    | 215287      | 1   | Valve Asy - Main nozzle       |
| 29    | 93437       | 1   | Latch Assembly - Throttle     |
|       | 216721      |     | Repair Kit                    |
|       | 216722      |     | Gasket/Diaphragm Kit          |
|       | 216734      |     | Needle Kit                    |



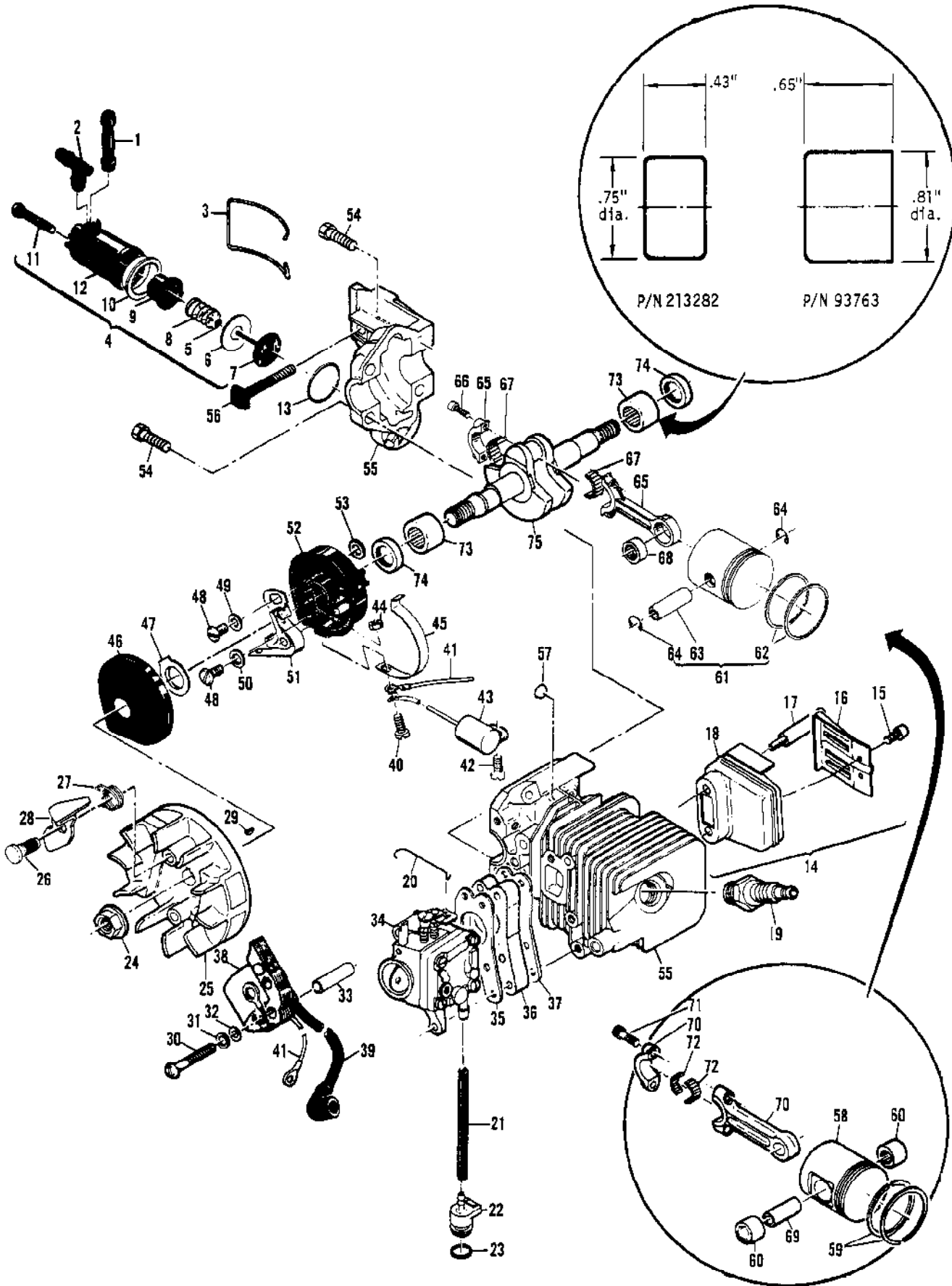


| Ref # | Part Number | Qty | Description                |
|-------|-------------|-----|----------------------------|
|       | 216417      |     | CHAIN BRAKE Assembly       |
| 1     | 111047      | 1   | Screw Pan hd 8-32 x 5/8    |
| 2     | 94709       | 1   | Band - Brake               |
| 3     | 215758      | 1   | Kit - Latch                |
| 4     |             | 1   | Spring - Compression       |
| 5     | 93602       | 1   | Pivot - Latch              |
| 6     | 92482       | 1   | Pivot - Lever              |
| 7     | 214375      | 1   | Lever Assembly - Actuating |
| 8     | 92867       | 1   | Lever                      |
| 9     | 213907      | 1   | Pin - Roller               |
| 10    | 214368      | 1   | Bearing - Roller           |
| 11    | 90658       | 1   | Screw - Adjusting          |
| 12    | 110907      | 1   | Ring - Retaining           |
| 13    | 84929       | 1   | Nut - Bar adjusting        |
| 14    | 216437      | 1   | Housing - Brake            |



| Ref # | Part Number | Qty | Description  |
|-------|-------------|-----|--|
| 1     | 216256      | 2   | Nut - Hx 1/4-28  |
| 2     | 216276      | 1   | Screw - Hx 1/4-28 x 3/4  |
| 3     |             |     | CHAIN BRAKE Asy See "Chain Break Assembly" illustration and parts list.  |
| 4     |             |     | Chain Asy See "Bar & Chain Combination" parts list.  |
| 5     |             |     | Bar See "Bar & Chain Combination Assembly" parts list.   |
| 6     | 110639      | 2   | Screw - Hx hd 12-24 x 1  |
| 7     | 214718      | 1   | Cover - Fuel & Oil tank  |
| 8     | 93194A      | 1   | Washer - Rubber  |
| 9     | 92479       | 1   | Lever - Handguard  |
| 10    | 213278      | 1   | Kit - Clutch   |
| 11    | 93608       | 1   | Spring Assembly  |
| 12    | 110957      | 2   | Rivet  |
| 13    | 85064       | 2   | Plate  |
| 14    | 94247       | 1   | Kit - Rotor  |
| 15    | 94244       | 1   | Nut - Clutch   |
| 16    | 94243       | 1   | Plate - Dust   |
| 17    | 214390      | 1   | Drum/Spkt/Brng Assembly  |
| 18    | 91222       | 1   | Kit - Needle bearing   |
| 19    | 215259      | 1   | Washer - Sprocket  |
| 20    | 110953      | 1   | Screw - Hx hd 12-24 x 5/8  |
| 21    | 110686      | 1   | Screw - Hx hd 13-16 x 2  |
| 22    | 214505      | 1   | Frame & Grip Assembly  |
| 23    | 216715      | 1   | Fuel & Oil Tank Asy  |
| 24    | 91148       | 1   | Seal - Fuel Vent   |
| 25    | 84956       | 1   | Pickup - Fuel  |
| 26    | 213906      | 1   | Piston - Manual Oiler  |
| 27    | 83946       | 1   | Spring - Piston  |
| 28    | 85557       | 1   | Body - Oiler   |
| 29    | 84611       | 1   | Rod - Manual Oiler   |
| 30    | 216668      | 2   | Cap - Fuel & Oil (unvented)  |
| 31    | 110672      | 1   | Screw - Oval hd 4-40 x 1   |
| 32    | 83870       | 1   | Knob - Choke   |
| 33    |             |     | Throttle Latch Asy See "Carburetor Assembly Walbro MDC 16" and "Powerhead Assembly" illustration and parts list. |
| 34    | 110807      | 2   | Screw - Pan hd 8-32 x 5/16   |
| 35    | 93290       | 1   | Deflector - Sawdust  |
| 36    | 214987      | 1   | Shroud   |
| 37    | 91853       |     | Cover - Air cleaner  |
| 38    | 91796       | 1   | Screw - Air cleaner  |
| 39    | 91460       | 1   | Filter - Air   |
| 40    | 84918       | 1   | Washer - Air seal  |
| 41    | 110953      | 3   | Screw - Hx hd 12-24 x 5/8  |
| 42    | 110959      | 1   | Screw - Hx hd 8-32 x 1/2   |
| 43    | 90425       | 1   | Cover - Starter  |
| 44    | 110041      | 1   | Screw - Pan hd 8-32 x 1/2  |
| 45    | 68497       | 1   | Washer - Special   |
| 46    | 213261      | 1   | Drum/Rope Assembly   |
| 47    | 83203       | 1   | Rope - Starter   |
| 48    | 83078       | 1   | Spring - Rewind  |
| 49    | 91255       | 1   | Kit - Starter handle   |
| 50    | 105490      | 1   | Washer - Starter handle  |

| Ref # | Part Number | Qty | Description  |
|-------|-------------|-----|--|
| 51    | 110953      | 2   | Screw - Hx hd 12-24 x 5/8  |
| 52    | 84520A      | 1   | Plate - Washer   |
| 53    | 84519       | 2   | Sleeve - Handle  |
| 54    | 94896       | 1   | Kit - Handle   |
| 55    | 93869       | 1   | Trigger - Throttle   |
| 56    | 83940       | 1   | Spring - Trigger   |
| 57    | 83935       | 1   | Contact - Switch   |
| 58    | 83936       | 1   | Protector - Switch   |
| 59    | 83934       | 1   | Button - Switch  |
| 60    | 95202       | 1   | Plate - Name (MAC 120)   |
| 60    | 95203       | 1   | Plate - Name (MAC 110)   |
| 61    |             |     | Powerhead Assembly See "Powerhead Assembly" illustration and parts list. |



| Ref # | Part Number | Qty | Description   |
|-------|-------------|-----|---|
| 1     | 83898       | 1   | Connector - Outlet  |
| 2     | 84613       | 1   | Connector - Pump  |
| 3     | 83896       | 1   | Bail - Mounting   |
| 4     | 216563      | 1   | Pump Assembly - Oiler   |
| 5     |             | 1   | "O" Ring  |
| 6     |             | 1   | Ring - Pump piston  |
| 7     |             | 1   | Piston Assembly - Pump  |
| 8     | 83891       | 1   | Spring - Pump   |
| 9     |             | 1   | Sleeve - Pump   |
| 10    |             | 1   | Eyelet  |
| 11    | 110651      | 1   | Screw - Adjustment  |
| 12    | 216564      | 1   | Body Assembly - Pump  |
| 13    | 110653      | 1   | "O" Ring  |
| 14    | 215411      | 1   | Kit - Muffler   |
| 15    | 110681      | 2   | Screw - Skt hd 10-24 x 1/4  |
| 16    | 92961       | 1   | Deflector - Exhaust   |
| 17    | 213327      | 2   | Screw - Special   |
| 18    |             | 1   | Body - Cover  |
| 14    | 215412      | 1   | Kit - Muffler   |
| 15    | 110681      | 2   | Screw - Skt hd 10-24 x 1/4  |
| 16    | 92961       | 1   | Deflector - Exhaust   |
| 17    | 213025      | 2   | Screw - Special   |
| 18    | 93655       | 1   | Body - Cover  |
| 19    | 214223      | 1   | Spark Plug Used on models 600016A, C, D, G, J, K, N, P, R, S, T and U. Part numbers in this IPL which were not in the previous IPL covering these saws. |
| 19    | 93018       | 1   | Spark Plug Used on models 600016B, E, F, H and M.   |
| 20    | 216039      | 1   | Rod - Throttle  |
| 21    | 89059       | 1   | Hose - Fuel   |
| 22    | 90660       | 1   | Adaptor - Fuel hose   |
| 23    | 110908      | 1   | "O" Ring  |
| 24    | 110961      | 1   | Nut - Hex 5/16-24   |
| 25    | 94737       | 1   | Flywheel/Pawl Assembly  |
| 26    | 68796       | 2   | Pin - Pawl  |
| 27    | 67814       | 2   | Spring - Pawl   |
| 28    | 94493       | 2   | Pawl - Starter  |
| 29    | 102164      | 1   | Key - Woodruff  |
| 30    | 110586      | 3   | Screw - Pan hd 8-32 x 1-3/4   |
| 31    | 105976      | 3   | Washer - #8   |
| 32    | 67177       | 3   | Washer - Insulating   |
| 33    | 68198       | 3   | Tube - Insulating   |
| 34    |             |     | Carburetor Assembly See "Carburetor Assembly (Walbro MDC 16 and 15)" illustration and parts list and "Powerhead Assembly" illustration and parts list.  |
| 35    | 68197       | 1   | Gasket - Carburetor   |
| 36    | 214349      | 1   | Insulator - Carburetor  |
| 37    | 90714       | 1   | Gasket - Insulator  |
| 38    | 84957       | 1   | Coil & Lamination Assembly  |
| 39    | 215351      | 1   | Wire Assembly - Spark Plug  |
| 40    | 110364      | 1   | Screw - Pan hd 6-32 x 5/8   |
| 41    | 69344       | 1   | Wire Assembly - Coil  |
| 42    | 110041      | 1   | Screw - Pan hd 8-32 x 1/2 s/t   |
| 43    | 85358       | 1   | Condenser   |
| 44    | 100035      | 1   | Nut - Hx 6-32   |

| Ref # | Part Number | Qty | Description                 |
|-------|-------------|-----|-----------------------------|
| 45    | 84502       | 1   | Connector - Stop switch     |
| 46    | 67841       | 1   | Cover - Breaker box         |
| 47    | 69323       | 1   | Seal - Breaker box          |
| 48    | 110969      | 2   | Screw - Hex hd 8-32 x 1/2   |
| 49    | 69322       | 1   | Washer - Special            |
| 50    | 105976      | 1   | Washer - #8                 |
| 51    | 88811       | 1   | Breaker Assembly            |
| 52    | 84505A      | 1   | Kit - Breaker box           |
| 53    | 92037       | 1   | Washer                      |
| 54    | 216857      | 4   | Screw - Hex hd 12-24 x 1    |
| 55    | 214257      | 1   | Kit - Cylinder              |
| 56    | 83856       | 1   | Bolt - Bar mounting         |
| 57    | 110914      | 4   | Plug - Cup                  |
| 55    | 214162      | 1   | Kit - Cylinder              |
| 56    | 83856       | 1   | Bolt-Bar mounting           |
| 57    | 110914      | 4   | Plug-Cup                    |
| 58    | 92274       | 1   | Piston Assembly             |
| 59    | 92752       | 1   | Set - Piston rings          |
| 60    | 110538      | 2   | Bearing - Needle            |
| 58    | 94476       | 1   | Piston Assembly             |
| 59    | 95143       | 1   | Set - Piston rings          |
| 60    | 110538      | 2   | Bearing - Needle            |
| 61    | 94662       | 1   | Piston Assembly             |
| 62    | 95143       | 1   | Set - Piston rings          |
| 63    | 92836       | 1   | Pin - Piston                |
| 64    | 111026      | 2   | Ring - Snap                 |
| 65    | 94135       | 1   | Connecting Rod Assembly     |
| 66    | 94654       | Z   | Screw - Connecting rod      |
| 67    | 68095       | 1   | Roller - Needle (set of 20) |
| 68    | 110984      | 1   | Bearing - Needle            |
| 69    | 66867       | 1   | Pin - Piston                |
| 70    | 68097       | 1   | Connecting Rod Assembly     |
| 71    | 94654       | 2   | Screw - Special             |
| 72    | 68095       | 1   | Roller - Needle (set of 20) |
| 73    | 213282      | 2   | Bearing - Crankshaft        |
| 74    | 83859       | 2   | Seal - Crankshaft oil       |
| 73    | 93763       | 1   | Sleeve Assembly - Bearing   |
| 74    | 83859       | 1   | Seal - Crankshaft           |
| 75    | 91932       | 1   | Crankshaft                  |
|       | 216426      |     | Oil Pump Repair Kit         |