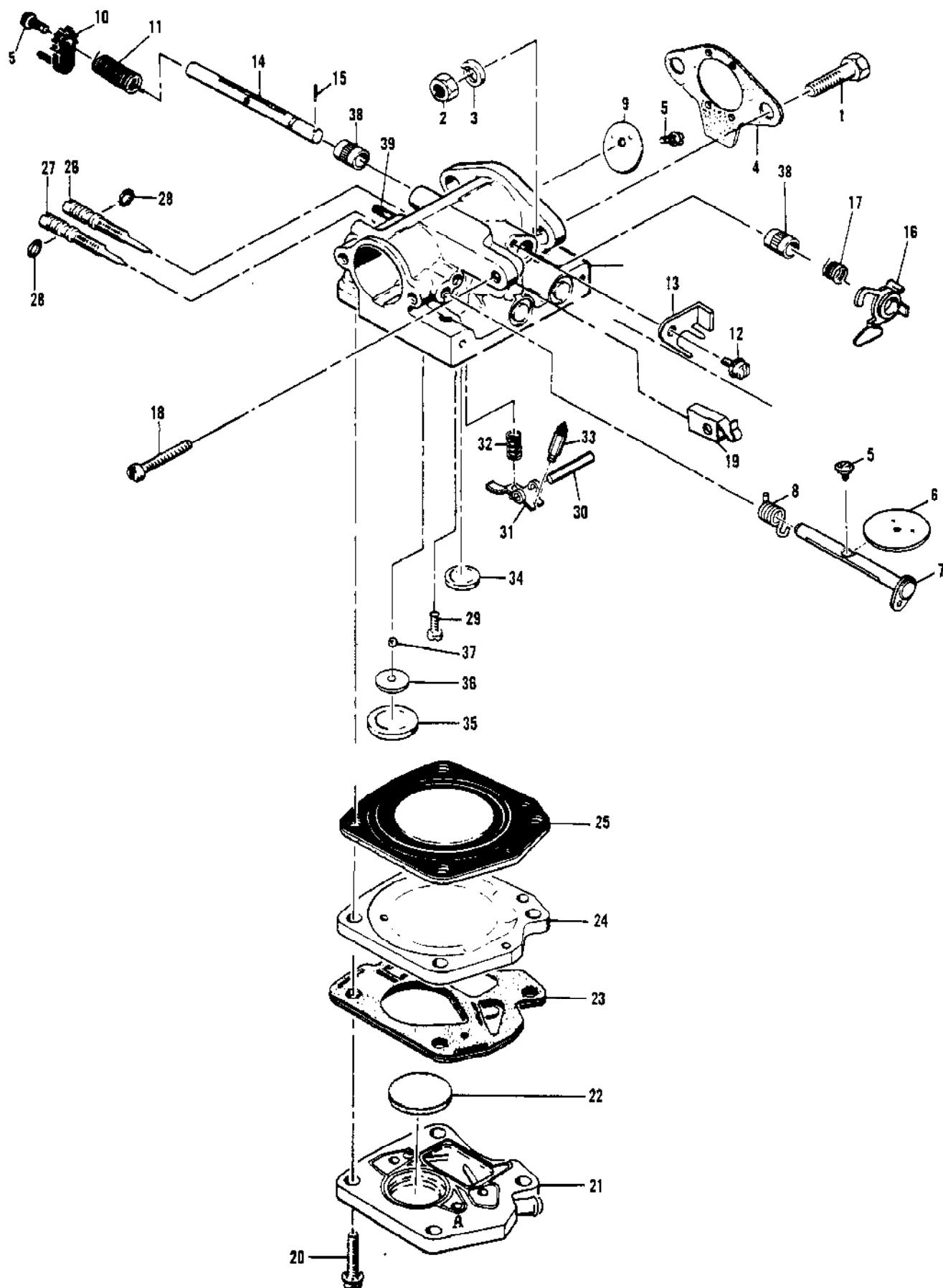
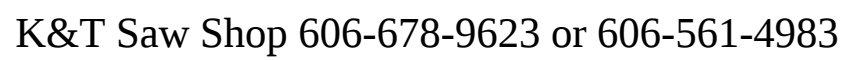


No  
Diagram  
Available  
  
Parts List  
Only

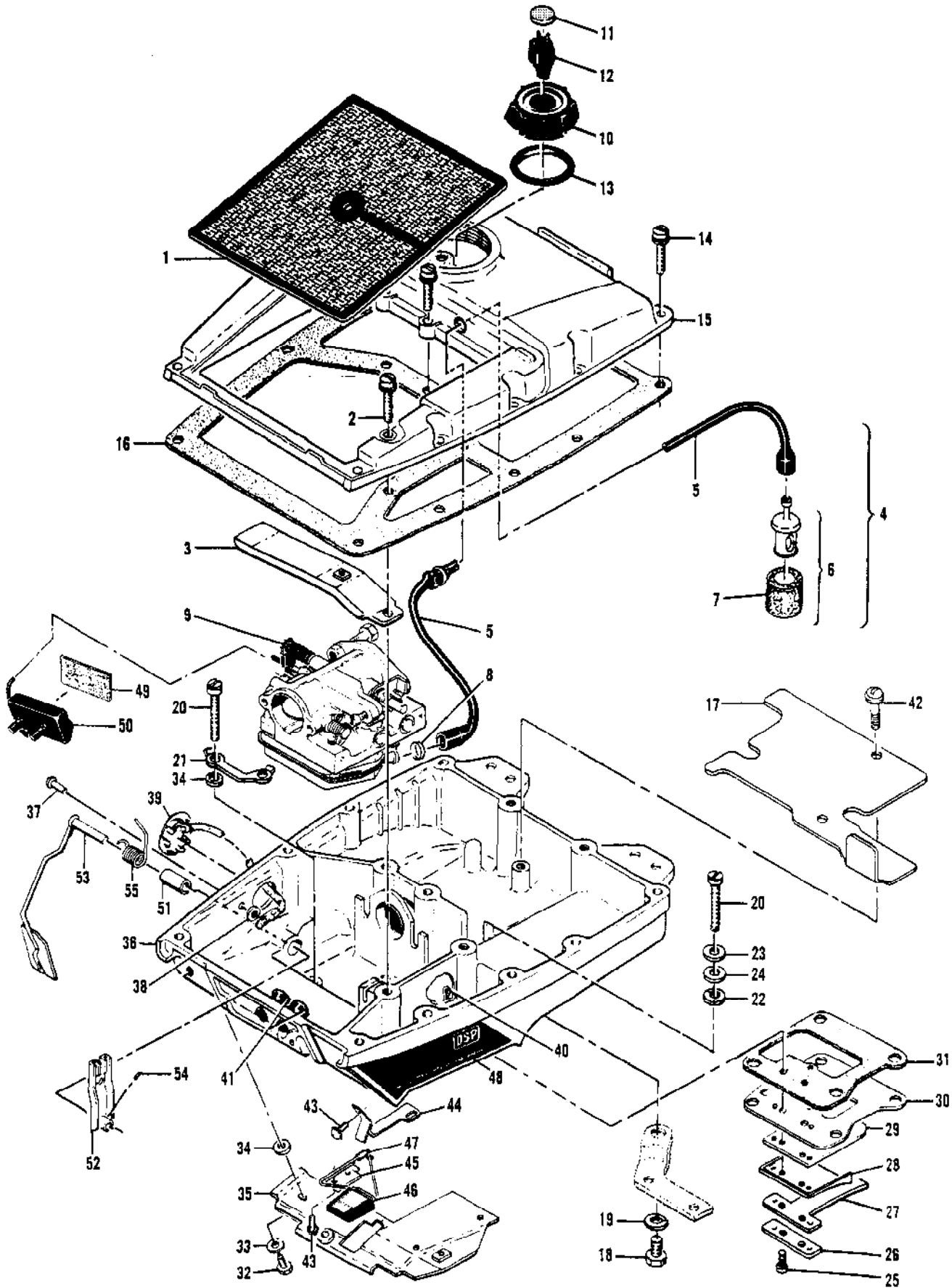
| Ref # | Part Number | Qty | Description                                             |
|-------|-------------|-----|---------------------------------------------------------|
|       | 63097       |     | Spark Plug (Standard)                                   |
|       | 63432       |     | Spark Plug (Cooler)                                     |
|       | 86419       |     | Guide - Timing                                          |
|       | 84688       |     | Kit - Spark arrester baffle (For Muffler Kit P/N 85205) |
|       | 64797       |     | Wrench - Spark plug                                     |
|       | 101522      |     | Wrench - Muffler                                        |
|       | 90716       |     | Valve - Muffler                                         |
|       | 62884       |     | Piston Asy - 0.030 in. oversize Wide Ring               |
|       | 62423       |     | Ring Set - 0.030 in. oversize Wide Ring                 |
|       | 62877       |     | Piston Asy - Standard size Thin Ring                    |
|       | 58353       |     | Ring Set - Standard size Thin Ring                      |
|       | 62878       |     | Piston Asy - 0.010 in. oversize Thin Ring               |
|       | 58394       |     | Ring Set - 0.010 in. oversize Thin Ring                 |
|       | 62879       |     | Piston Asy - 0.020 in. oversize Thin Ring               |
|       | 58354       |     | Ring Set - 0.020 in. oversize Thin Ring                 |
|       | 62880       |     | Piston Asy - 0.030 in. oversize Thin Ring               |
|       | 58395       |     | Ring Set - 0.030 in. oversize Thin Ring                 |
|       | 85205       |     | Muffler Kit                                             |



| Ref # | Part Number | Qty | Description                |
|-------|-------------|-----|----------------------------|
| 1     | 100882      | 2   | Screw - Hx hd 1/4-20 x 3/4 |
| 2     | 103242      | 2   | Nut - Hx 1/4-20            |
| 3     | 100005      | 2   | Washer - 1/4               |
| 4     | 65586       | 1   | Gasket - Carburetor        |
|       | 87294       | 1   | Carburetor Asy             |
| 5     | 104814      | 3   | Screw - Pan hd 4-40 x 1/4  |
| 6     | 55085       | 1   | Plate - Choke              |
| 7     | 84073       | 1   | Shaft Asy - Choke          |
| 8     | 55089       | 1   | Spring - Choke shaft       |
| 9     | 61360       | 1   | Plate - Throttle           |
| 10    | 61901       | 1   | Arm - Throttle shaft       |
| 11    | 61895       | 1   | Spring - Idle governor     |
| 12    | 110055      | 1   | Screw - Fil hd 8-32 x 3/8  |
| 13    | 61891       | 1   | Clip - Shaft               |
| 14    | 61920       | 1   | Shaft and Pin Asy          |
| 15    | 110301      | 1   | Pin - Groove               |
| 16    | 61894A      | 1   | Cam Asy                    |
| 17    | 61906       | 1   | Spring - Cam               |
| 18    | 62910       | 1   | Screw - Idle speed         |
| 19    | 61108       | 1   | Guide - Throttle rod       |
| 20    | 104520      | 4   | Screw - Pan hd 10-24 x 7/8 |
| 21    | 69169       | 1   | Body - Fuel pump           |
| 22    | 48911       | 1   | Filter - Fuel              |
| 23    | 57274B      | 1   | Diaphragm Asy - Pump       |
| 24    | 48901       | 1   | Plate - Diaphragm          |
| 25    | 55067C      | 1   | Diaphragm - Carburetor     |
| 26    | 87167       | 1   | Needle - Idle adjustment   |
| 27    | 53311       | 1   | Needle - Main adjustment   |
| 28    | 104001      | 2   | "O" Ring                   |
| 29    | 104164      | 1   | Screw - Pan hd 4-40 x 1/4  |
| 30    | 104305      | 1   | Pin - Lever                |
| 31    | 84317       | 1   | Lever - Inlet              |
| 32    | 57172       | 1   | Spring - Lever             |
| 33    | 83753       | 1   | Needle - Inlet             |
| 34    | 110179      | 1   | Plug - Expansion 1/2 in.   |
| 35    | 104407      | 1   | Plug - Expansion 1 in.     |
|       | 61155       | 1   | Set - Ball & Seat          |
| 36    | 61152       | 1   | Seat                       |
| 37    | 61151       | 1   | Ball                       |
| 38    | 55062A      | 2   | Bushing - Shaft            |
| 39    | 47523       | 1   | Tube - Collector hose      |

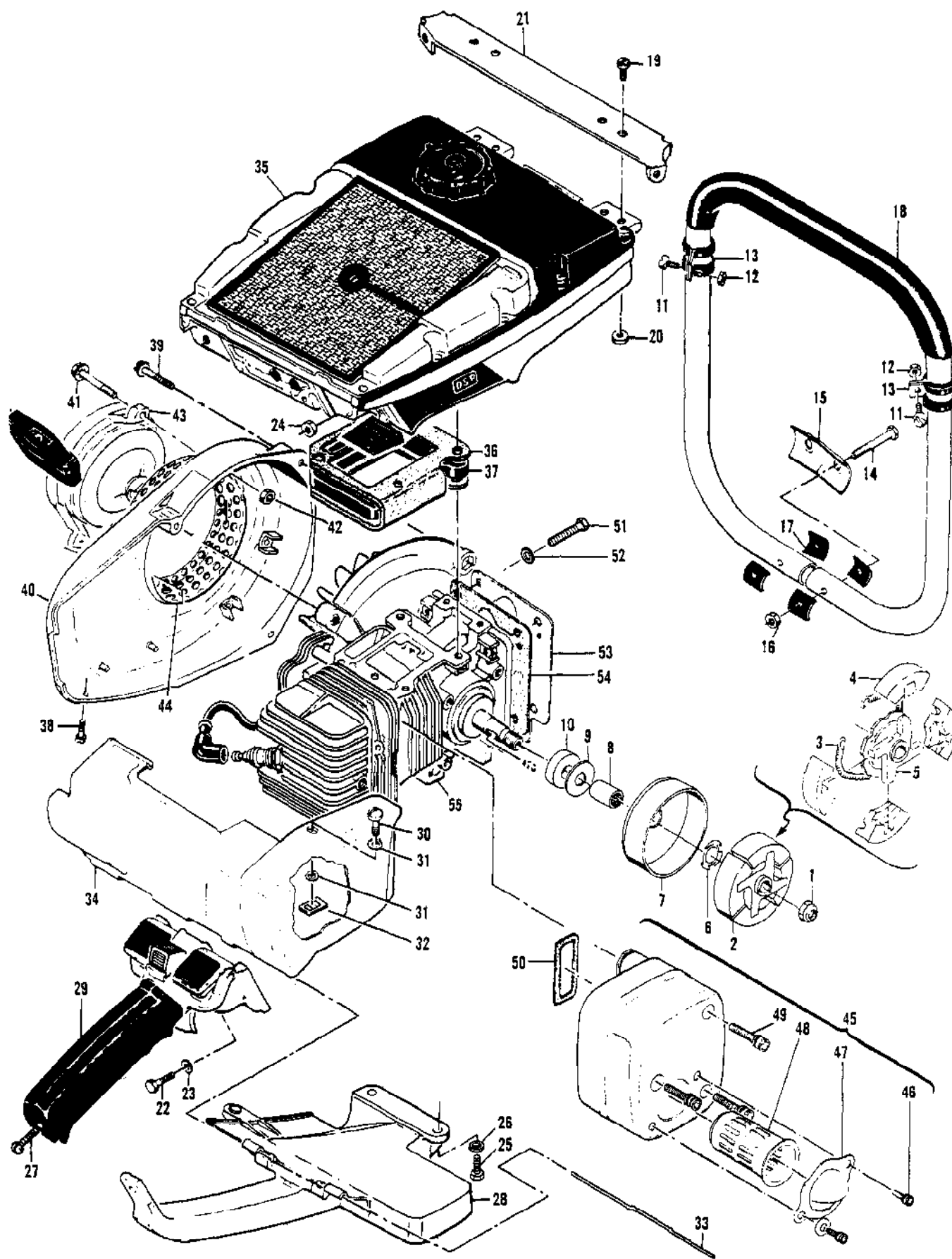


| Ref # | Part Number | Qty | Description                      |
|-------|-------------|-----|----------------------------------|
| 1     | 55670       | 2   | Grommet                          |
|       | 89632       | 1   | Handle & Control Asy             |
|       | 64860       | 1   | Handle & Control Asy             |
| 2     | 55624A      | 1   | Grip - Handle                    |
| 3     | 101326      | 1   | Nut - Hx 10-24                   |
| 4     | 104484      | 1   | Screw - Set 8-32 x 1/4           |
| 5     | 89635       | 1   | Button - Choke                   |
| 5     | 89377       | 1   | Button - Choke                   |
| 6     | 85573       | 1   | Retainer - Oiler button          |
| 7     | 89634       | 1   | Button - Oiler control           |
| 7     | 89378       | 1   | Button - Oiler control           |
| 8     | 51344A      | 1   | Shaft - Choke & Oiler buttons    |
| 9     | 104501      | 1   | Retainer - Trigger pin           |
| 10    | 55674       | 1   | Spring - Trigger pin             |
| 11    | 63663       | 1   | Trigger                          |
| 12    | 50507       | 1   | Pin - Trigger                    |
| 13    | 110706      | 1   | Screw - Fil hd 8-32 x 1/2 (SEMS) |
| 14    | 83661       | 1   | Wire Asy - Stop switch           |
| 15    | 51279       | 1   | Contact - Switch                 |
| 16    | 51555       | 1   | Insulator - Switch               |
| 17    | 51554A      | 2   | Detent - Switch                  |
| 18    | 57718       | 1   | Button - Switch                  |
| 19    | 55986       | 1   | Handle                           |
| 20    | 84319       | 1   | Pushrod - Choke                  |
| 21    | 61907       | 1   | Pushrod - Throttle               |



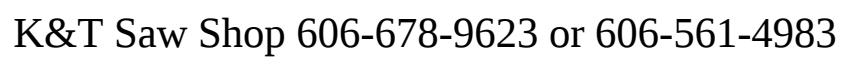
| Ref # | Part Number | Qty | Description                                                           |
|-------|-------------|-----|-----------------------------------------------------------------------|
| 1     | 55498       | 1   | Screen Asy - Air cleaner                                              |
| 2     | 104396      | 1   | Screw - Pan hd 10-24 x 3/4                                            |
| 3     | 55634       | 1   | Anchor Asy                                                            |
| 4     | 63831       | 1   | Hose Asy - Fuel                                                       |
| 5     | 63669       | 1   | Hose - Fuel                                                           |
| 6     | 53679B      | 1   | Pickup Asy - Fuel                                                     |
| 7     | 61159       | 1   | Filter - Fuel pickup                                                  |
| 8     | 91068       | 1   | Clamp - Hose                                                          |
| 9     |             |     | Carburetor Asy See "Carburetor Assembly" illustration and parts list. |
| 10    | 55934B      | 1   | Cap Asy - Fuel                                                        |
| 11    | 55063       | 1   | Filter - Fuel cap                                                     |
| 12    | 53766A      | 1   | Valve - Fuel cap                                                      |
| 13    | 101348      | 1   | "O" Ring                                                              |
| 14    | 104396      | 14  | Screw - Pan hd 10-24 x 3/4                                            |
| 15    | 89636       | 1   | Cover - Fuel tank                                                     |
| 15    | 89687       | 1   | Cover - Fuel tank                                                     |
| 16    | 65632       | 1   | Gasket - Fuel tank                                                    |
| 17    | 63650       | 1   | Liner - Fuel tank                                                     |
| 18    | 102151      | 1   | Screw - Hx hd 1/4-20 x 1/2                                            |
| 19    | 105043      | 1   | Washer - Lock                                                         |
| 20    | 55948A      | 4   | Screw - Hx hd 10-24 x 1-1/8                                           |
| 21    | 68654       | 1   | Plate - Lock                                                          |
| 22    | 68203       | 4   | Washer - Insulating                                                   |
| 23    | 102189      | 2   | Washer - #10                                                          |
| 24    | 103744      | 2   | Washer - Sealing                                                      |
| 25    | 103740      | 2   | Screw - Hx hd 8-32 x 5/8                                              |
| 26    | 51480       | 1   | Plate - Lock                                                          |
| 27    | 57658A      | 1   | Clamp - Reed                                                          |
| 28    | 66274       | 1   | Deflector - Fuel                                                      |
| 29    | 48593       | 1   | Valve - Reed                                                          |
| 30    | 53685C      | 1   | Plate - Reed                                                          |
| 31    | 65657       | 1   | Gasket - Fuel tank                                                    |
| 32    | 102388      | 3   | Screw - Hx hd 10-24 x 5/8                                             |
| 33    | 102189      | 3   | Washer - #10                                                          |
| 34    | 68203       | 2   | Washer - Insulating                                                   |
| 35    | 63652       | 1   | Shroud Asy - Cylinder                                                 |
| 36    | 89627       | 1   | Bottom Asy - Fuel tank                                                |
| 36    | 63873       | 1   | Bottom Asy - Fuel tank                                                |
| 37    | 104504      | 1   | Rivet                                                                 |
| 38    | 101871      | 1   | Washer - 1/8                                                          |
| 39    | 51396A      | 1   | Cover Asy - Adjustment hole                                           |
| 40    | 104310      | 1   | Pin - Cotter                                                          |
| 41    | 68258       | 2   | Grommet                                                               |
| 42    | 110054      | 2   | Screw - Pan hd 6-32 x 3/8 (SEMS)                                      |
| 43    | 105249      | 3   | Screw - 8 - 32 x 3/8 (SEMS)                                           |
| 44    | 64582       | 1   | Retainer - Lever                                                      |
| 45    | 63619       | 1   | Plate - Lever retainer                                                |
| 46    | 63914A      | 1   | Lever Asy - Compression release                                       |
| 47    | 63827       | 1   | Spring - Lever                                                        |
| 48    | 66269       | 1   | Emblem - Fuel tank (DSP)                                              |
| 49    | 58865       | 1   | Absorber                                                              |
| 50    | 63651       | 1   | Collector                                                             |
| 51    | 103708      | 1   | Bushing                                                               |
| 52    | 61754       | 1   | Lever Asy - Governing arm                                             |

| Ref # | Part Number | Qty | Description               |
|-------|-------------|-----|---------------------------|
| 53    | 55958       | 1   | Arm Asy - Governing       |
| 54    | 104154      | 1   | Screw - Skt hd 8-32 x 1/4 |
| 55    | 61757       | 1   | Spring - Governing        |



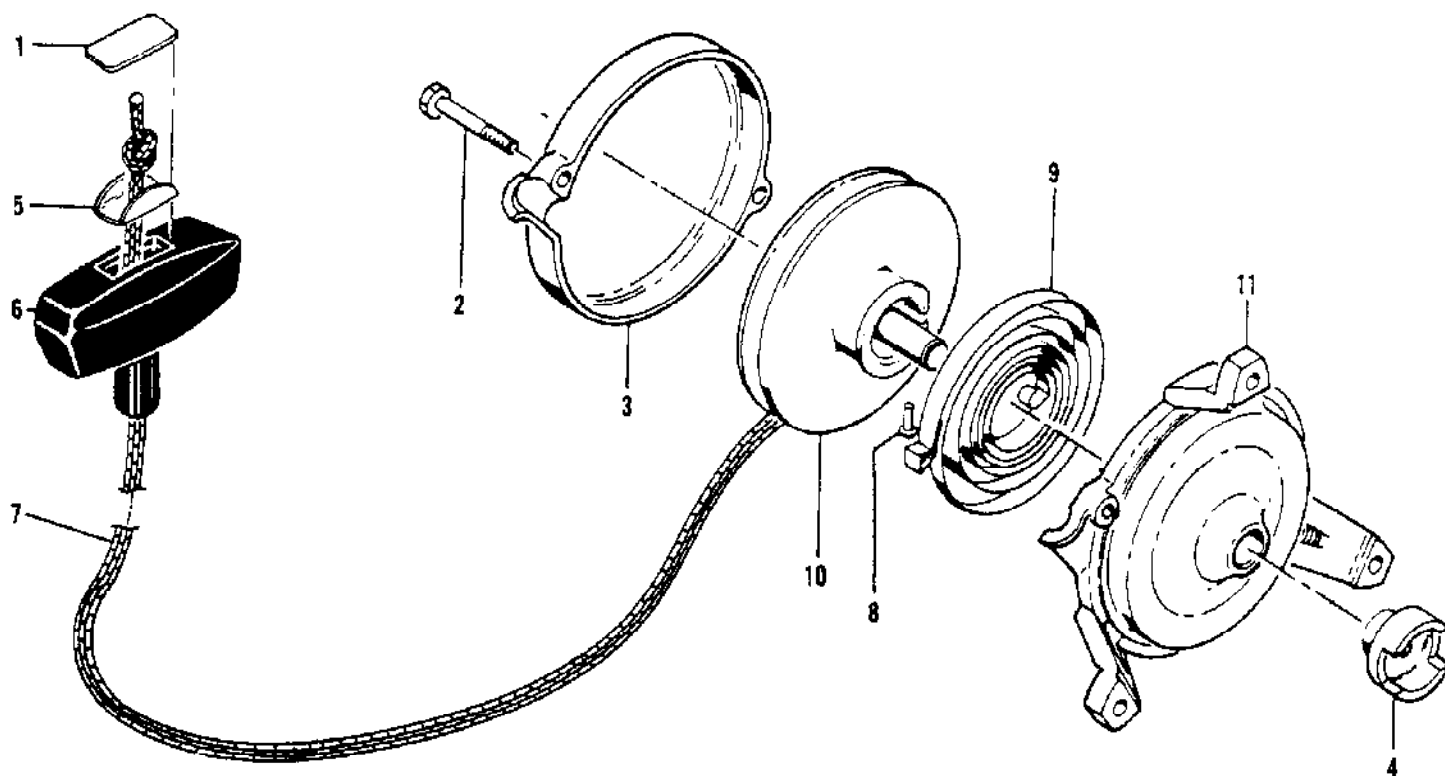
| Ref # | Part Number | Qty | Description                                                                       |
|-------|-------------|-----|-----------------------------------------------------------------------------------|
| 1     | 86113       | 1   | Nut-Hx 3/8-24 Left hand                                                           |
| 2     | 89227       | 1   | Clutch Asy                                                                        |
| 3     | 85042       | 1   | Spring-Clutch                                                                     |
| 4     | 51464A      | 4   | Shoe-Clutch                                                                       |
| 5     | 89226       | 1   | Rotor Asy-Clutch                                                                  |
| 6     | 103718      | 1   | Spring - Thrust                                                                   |
| 7     |             | 1   | Drum-Clutch                                                                       |
| 8     |             | 1   | Bearing                                                                           |
| 9     | 51420       | 1   | Washer                                                                            |
| 10    | 57785A      | 1   | Seal-Felt                                                                         |
| 11    | 102761      | 2   | Screw-Hx hd 10-24 x 7/8                                                           |
| 12    | 105367      | 2   | Nut-Hx 10-24                                                                      |
| 13    | 103923      | 2   | Clamp-Frame                                                                       |
| 14    | 102125      | 2   | Screw-Hx hd 1/4-20 x 1-3/4                                                        |
| 15    | 51362       | 1   | Clamp-Frame                                                                       |
| 16    | 105394      | 2   | Nut-Hx 1/4-20                                                                     |
| 17    | 50062       | 4   | Insulator-Frame                                                                   |
| 18    | 60231A      | 1   | Frame & Grip Asy                                                                  |
| 19    | 104393      | 4   | Screw-Pan hd 10-24 x 3/8                                                          |
| 20    | 101326      | 4   | Nut-Hx 10-24                                                                      |
| 21    | 83363       | 1   | Brace-Frame                                                                       |
| 22    | 102761      | 2   | Screw-Hx hd 10-24 x 7/8                                                           |
| 23    | 102189      | 2   | Washer-#10                                                                        |
| 24    | 102067      | 2   | Nut-Hx 10-24                                                                      |
| 25    | 102121      | 2   | Screw-Hx hd 1/4-20 x 7/8                                                          |
| 26    | 100005      | 2   | Washer-1/4                                                                        |
| 27    | 104397      | 1   | Screw-Pan hd 10-24 x 7/8                                                          |
| 28    | 89630       | 1   | Brace-Handle                                                                      |
| 28    | 57872       | 1   | Brace-Handle                                                                      |
| 29    |             |     | Handle & Control Asy See "Handle & Control Assembly" illustration and parts list. |
| 30    | 51351       | 1   | Screw-Special                                                                     |
| 31    | 100005      | 2   | Washer-1/4                                                                        |
| 32    | 103741      | 1   | Retainer                                                                          |
| 33    | 55885       | 1   | Pin-Shroud                                                                        |
| 34    | 89629       | 1   | Shroud Asy                                                                        |
| 34    | 66259       | 1   | Shroud Asy                                                                        |
| 35    |             |     | Fuel System See "Fuel System" illustration and parts list.                        |
| 36    | 65625       | 1   | Gasket-Fuel tank insulator                                                        |
| 37    | 53684A      | 1   | Insulator-Fuel tank                                                               |
| 38    | 102500      | 1   | Screw-Pan hd 10-24 x 1/2                                                          |
| 39    | 110910      | 3   | Screw-Hx hd 10-24 x 1-3/8                                                         |
| 40    | 89619       | 1   | Housing - Fan                                                                     |
| 40    | 89241       | 1   | Housing - Fan                                                                     |
| 41    | 110911      | 3   | Screw-Hx hd 10-24 x 7/8                                                           |
| 42    | 101326      | 3   | Nut-Hx 10-24                                                                      |
| 43    |             |     | Starter Asy See "Starter Assembly" illustration and parts list.                   |
| 44    | 84629       | 1   | Guard-Sawdust                                                                     |
| 45    | 84205       | 1   | Muffler Asy                                                                       |
| 46    | 110664      | 2   | Screw-Skt hd 10-24 x 3/8                                                          |
| 47    | 84203       | 1   | Deflector                                                                         |
| 48    | 84690       | 1   | Baffle                                                                            |

| Ref # | Part Number | Qty | Description                                                            |
|-------|-------------|-----|------------------------------------------------------------------------|
| 49    | 110713      | 3   | Screw-Skt hd 10-24 x 7/8                                               |
| 50    | 83379       | 1   | Gasket-Muffler                                                         |
| 51    | 101982      | 4   | Screw-Hx hd 1/4-20 x 1                                                 |
| 52    | 100311      | 4   | Washer                                                                 |
| 53    | 89622       | 1   | Cover-Crankcase bottom                                                 |
| 53    | 67254       | 1   | Cover-Crankcase bottom                                                 |
| 54    | 65654       | 1   | Gasket-Bottom cover                                                    |
| 55    |             |     | Powerhead Asy See "Powerhead Assembly"<br>illustration and parts list. |



| Ref # | Part Number | Qty | Description                    |
|-------|-------------|-----|--------------------------------|
| 1     | 110887      | 2   | Screw-Hx hd 10-24 x 1          |
| 2     | 100352      | 2   | Washer - #10                   |
| 3     | 63639       | 1   | Wire Asy-Ground                |
| 4     | 85243       | 1   | Coil & Lamination Asy          |
| 5     | 50120       | 1   | Wire Asy-Spark plug            |
| 6     | 55060       | 1   | Boot                           |
| 7     | 55061       | 1   | Connector                      |
| 8     | 63097       | 1   | Spark Plug                     |
| 9     | 110655      | 1   | Nut-Flange 7/16-20             |
| 10    | 68282       | 1   | Flywheel & Pawl Asy            |
| 11    | 36144B      | 2   | Pin - Starter pawl             |
| 12    | 66351       | 2   | Spring-Pawl                    |
| 13    | 24093       | 9   | Pawl-Starter                   |
| 14    | 100106      | 1   | Key-Woodruff                   |
| 15    | 110866      | 6   | Screw-Hx hd 10-24 x 3/4        |
| 16    | 57815       | 1   | Strap-Seal                     |
| 17    | 50664       | 1   | Seal-Breaker box drain         |
| 18    | 55977       | 2   | Clip - Breaker box cover       |
| 19    | 55766B      | 1   | Cover-Breaker box              |
| 20    | 104230      | 1   | Speednut                       |
| 21    | 54184       | 1   | Wiper - Felt                   |
| 22    | 110055      | 1   | Screw-Fil hd 8-32 x 3/8 (SEMS) |
| 23    | 100080      | 1   | Washer-#8                      |
| 24    | 57829       | 1   | Clamp - Ignition wire          |
| 25    | 104551      | 1   | Nut-Hx 8-32                    |
| 26    | 104553      | 1   | Washer-#8 Lock                 |
| 27    | 100080      | 1   | Washer-#8                      |
| 28    | 110338      | 1   | Screw-Hx hd 8-32 x 9/16        |
| 29    | 63628       | 1   | Wire Asy-Primary               |
| 30    | 55782A      | 1   | Insulator                      |
| 31    | 57769       | 1   | Insulator-Ignition screw       |
| 32    | 57770A      | 1   | Insulator-Breaker spring       |
| 33    | 104733      | 2   | Screw-Fil hd 8-32 x 1/2 (SEMS) |
| 34    | 57767A      | 1   | Plate - Lock                   |
| 35    | 55778E      | 1   | Washer - Breaker retainer      |
| 36    | 88807       | 1   | Breaker Asy                    |
| 37    | 100251      | 1   | Nut-Hx 8-32                    |
| 38    | 100057      | 1   | Washer - #8 Lock               |
| 39    | 103748      | 1   | Screw - Hx hd 8-32 x 1/2       |
| 40    | 85358       | 1   | Condenser                      |
| 41    | 69408       | 1   | Pin-Piston                     |
| 42    | 62883       | 1   | Piston Asy                     |
| 43    | 62422       | 1   | Ring Set-Piston                |
| 44    | 104519      | 1   | Bearing - Needle               |
| 45    | 62868       | 1   | Bearing - Needle (closed end)  |
| 46    | 47903       | 1   | Connecting Rod Asy             |
| 47    | 60210A      | 2   | Screw - Special                |
| 48    | 69891       | 24  | Roller - Needle                |
| 49    | 84193       | 1   | Crankcase Cover Asy            |
| 50    | 101326      | 3   | Nut - Hx 10-24                 |
| 51    | 57897       | 1   | Seal - Oil                     |
| 52    | 57898       | 1   | Seal - Oil                     |
| 53    | 104523      | 1   | "O" Ring                       |
| 54    | 100824      | 1   | Bearing - Ball                 |
| 55    | 104490      | 1   | Bearing - Ball                 |

| Ref # | Part Number | Qty | Description                |
|-------|-------------|-----|----------------------------|
| 56    | 58128       | 1   | Crankshaft                 |
| 57    | 102762      | 2   | Screw-Hx hd 10-24 x 1/2    |
| 58    | 53271       | 1   | Bracket-Fuel tank mounting |
| 59    | 87273       | 1   | Cyl/C'case Asy             |
| 60    | 28053       | 2   | Retainer - Nut             |
| 61    | 101326      | 4   | Nut - Hx 10-24             |
| 62    | 18556A      | 6   | Retainer - Nut             |
| 63    | 105394      | 6   | Nut - Hx 1/4-20            |
| 64    | 57732       | 1   | Seal - Oil                 |
| 65    | 83374       | 2   | Insert - Taplok            |
| 66    | 110685      | 3   | Plug - Cup                 |
| 67    | 86280       | 1   | Body - DSP Valve           |
| 68    | 86295       | 1   | Valve - DSP                |



| Ref # | Part Number | Qty | Description                |
|-------|-------------|-----|----------------------------|
|       | 89606       | 1   | Starter Asy                |
|       | 84211       | 1   | Starter Asy                |
| 1     | 57232       | 1   | Plate - Starter handle     |
| 2     | 104396      | 2   | Screw - Pan hd 10-24 x 3/4 |
| 3     | 60647       | 1   | Cover - Starter            |
| 4     | 57790       | 1   | Ratchet - Starter          |
| 5     | 57231       | 1   | Cup - Starter handle       |
| 6     | 57230       | 1   | Handle - Starter           |
| 7     | 28716       | 1   | Rope - Starter             |
| 8     | 101136      | 1   | Rivet                      |
| 9     | 51665       | 1   | Spring - Rewind            |
| 10    | 57792       | 1   | Drum - Starter             |
| 11    | 84212       | 1   | Base - Starter             |