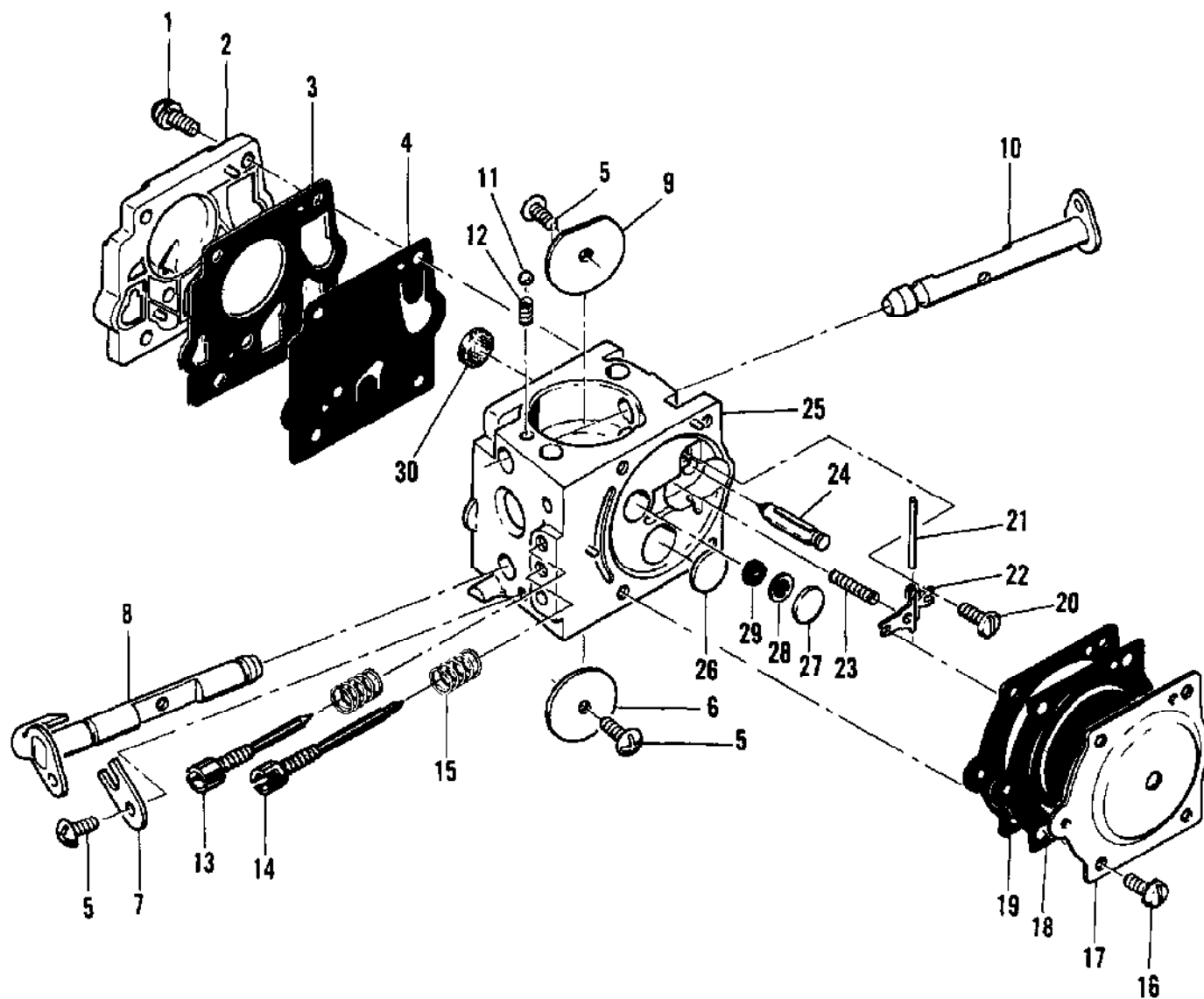


# No Diagram Available

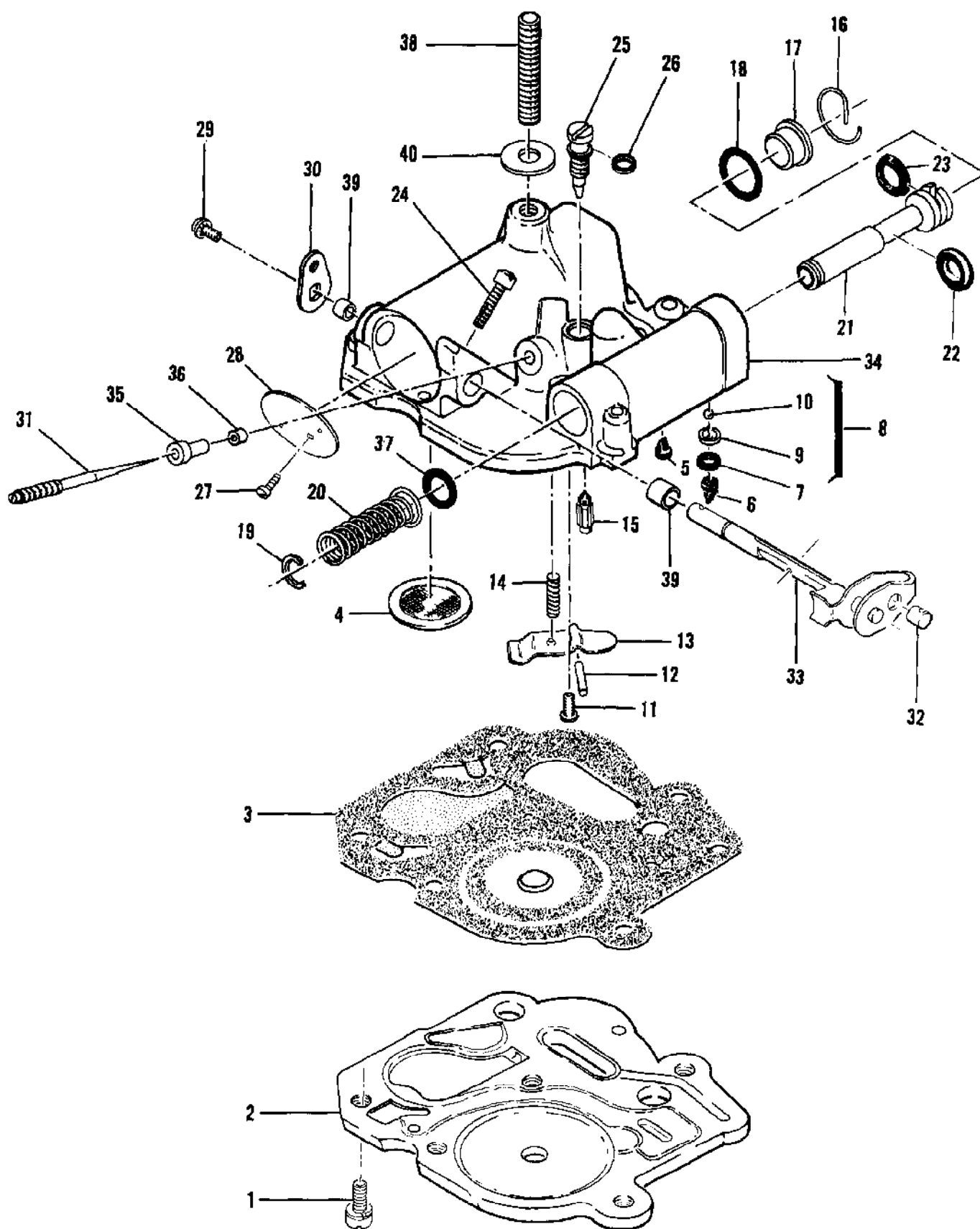
  

# Parts List Only

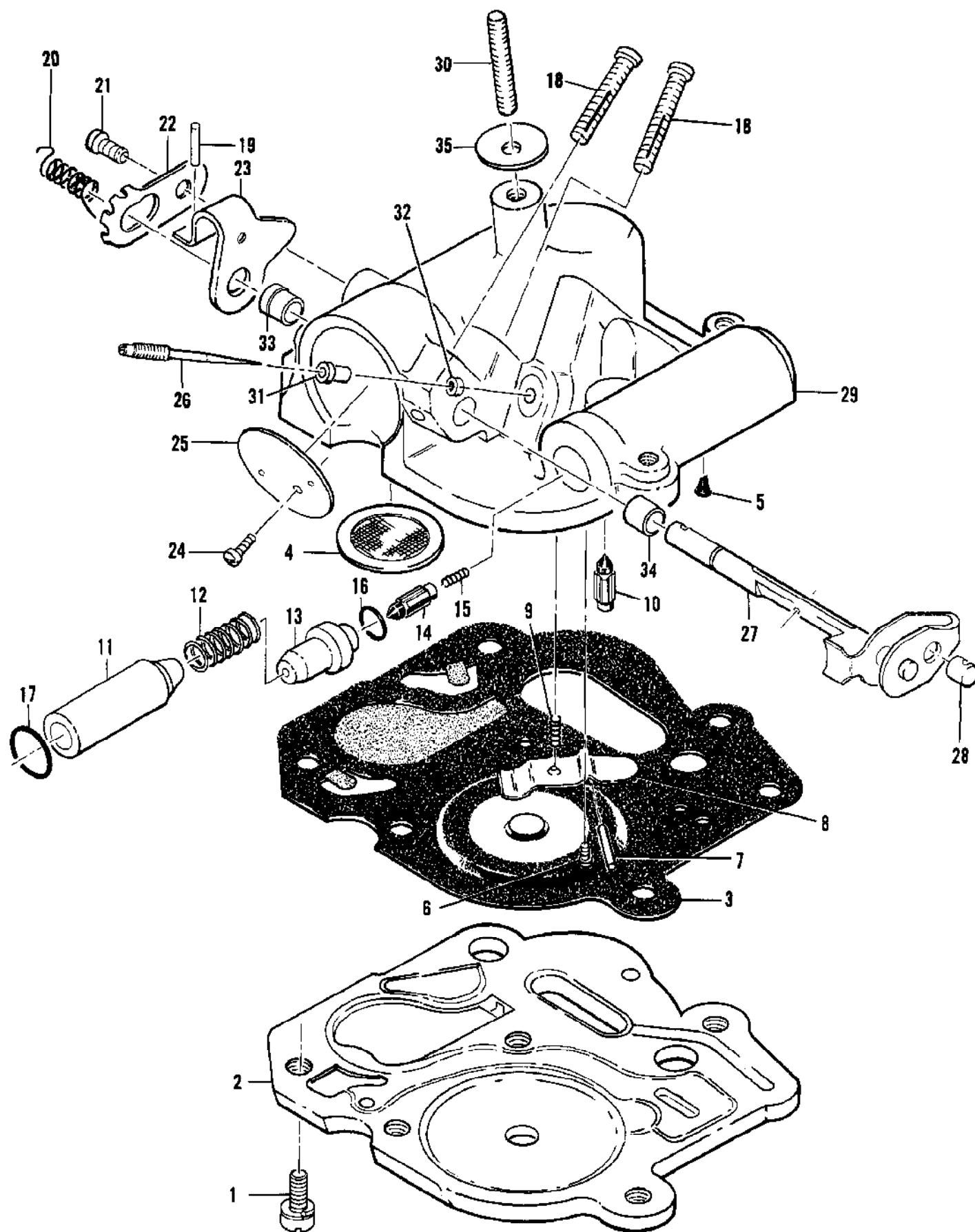
| Ref # | Part Number | Qty | Description                          |
|-------|-------------|-----|--------------------------------------|
|       | 83434       |     | Manual - Owner's                     |
|       | 62827       |     | Wrench - Screwdriver                 |
|       | 63746       |     | Scrench                              |
|       | 63341A      |     | Kit - Spike                          |
|       | 65325       |     | Baffle - Spark arrester              |
|       | 69058       |     | Kit - Wrap-around frame              |
|       | 65712       |     | Guide - Timing                       |
|       | 63432       |     | Spark Plug - AC CS 42T               |
|       | 65778       |     | Spark Plug - AC CS 41T               |
|       | 69210       |     | Piston Assy - 0.020 in. oversize     |
|       | 62813       |     | Ring Set - Piston 0.020 in. oversize |
|       | 103512      | 2   | Bearing - Needle                     |
|       | 69211       |     | Piston Assy - 0.030 in. oversize     |
|       | 62812       |     | Ring Set - Piston 0.030 in. oversize |
|       | 103512      | 2   | Bearing - Needle                     |



| Ref # | Part Number | Qty | Description                       |
|-------|-------------|-----|-----------------------------------|
|       | 67379       | 1   | Carburetor Assy (McCulloch SDC-2) |
| 1     | 67501       | 4   | Screw - Pump cover                |
| 2     | 83760       | 1   | Cover - Pump                      |
| 3     | 67495       | 1   | Gasket - Cover                    |
| 4     | 83114       | 1   | Diaphragm - Fuel pump             |
| 5     | 47690       | 3   | Screw - Plate                     |
| 6     | 67487       | 1   | Plate - Throttle                  |
| 7     | 67489       | 1   | Clip - Shaft                      |
| 8     | 67486       | 1   | Shaft Assy - Throttle             |
| 9     | 67490       | 1   | Plate - Choke                     |
| 10    | 67488       | 1   | Shaft Assy - Choke                |
| 11    | 100302      | 1   | Ball - Choke friction             |
| 12    | 67504       | 1   | Spring - Choke                    |
| 13    | 67506       | 1   | Needle - High speed               |
| 14    | 67505       | 1   | Needle - Idle                     |
| 15    | 67502       | 2   | Spring - Needle                   |
| 16    | 70798       | 4   | Screw - Diaphragm cover           |
| 17    | 83761       | 1   | Cover - Diaphragm                 |
| 18    | 67499       | 1   | Diaphragm - Metering              |
| 19    | 67496       | 1   | Gasket - Diaphragm                |
| 20    | 67500       | 1   | Screw - Lever pin                 |
| 21    | 67508       | 1   | Pin - Lever                       |
| 22    | 67509       | 1   | Lever - Metering                  |
| 23    | 67503       | 1   | Spring - Lever                    |
| 24    | 67491       | 1   | Valve - Needle                    |
| 25    | 67483       | 1   | Body Assy - Carburetor            |
| 26    | 71690       | 1   | Plug - 3/8                        |
| 27    | 69506       | 1   | Plug - 5/16                       |
| 28    | 69203       | 1   | Seat Assy                         |
| 29    | 69204       | 1   | Valve                             |
| 30    | 67507       | 1   | Screen - Fuel                     |
|       | 67482       |     | Gasket Set                        |
|       | 67481       |     | Repair Kit                        |

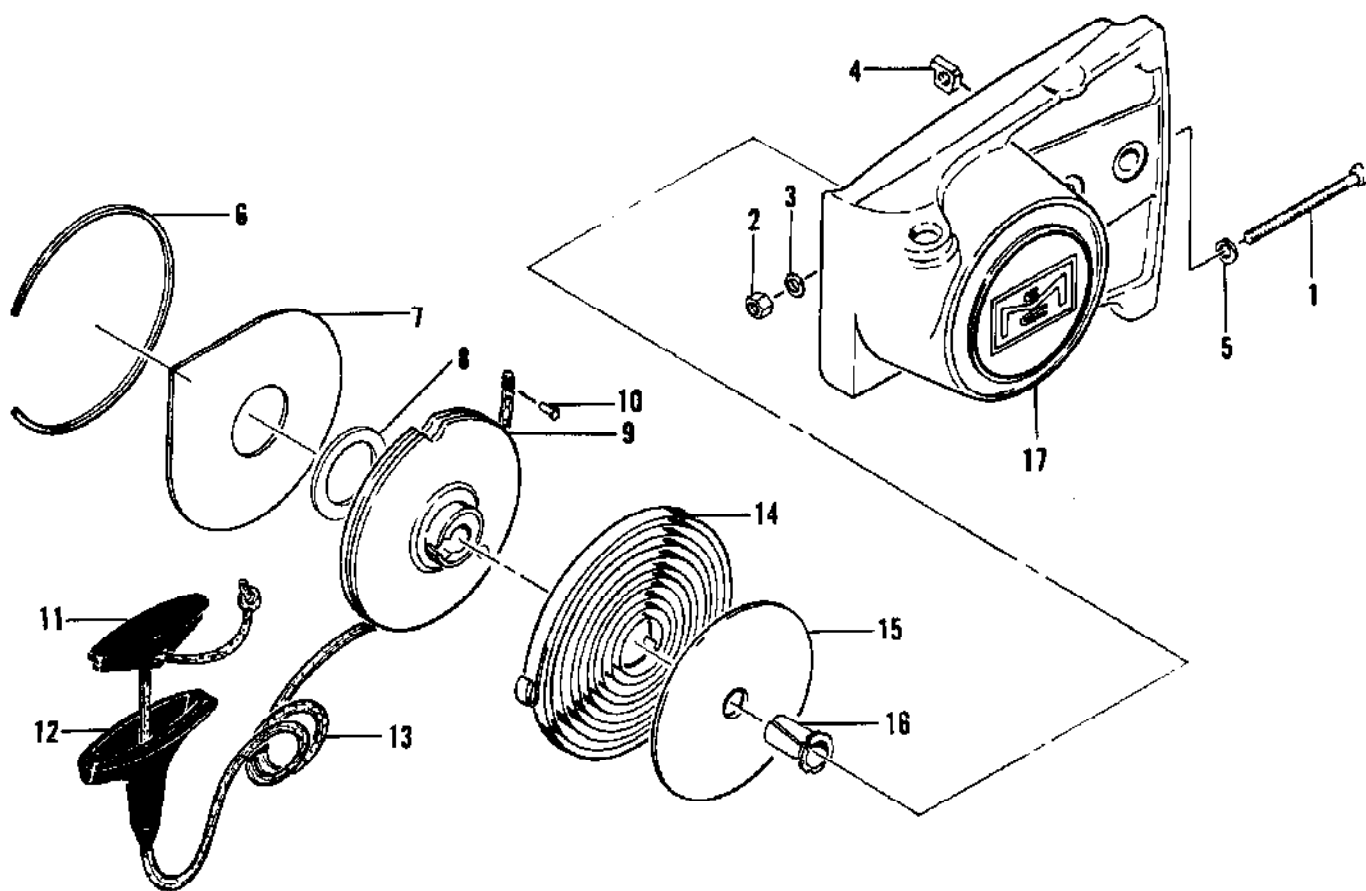


| Ref # | Part Number | Qty | Description                               |
|-------|-------------|-----|-------------------------------------------|
|       | 66503       | 1   | Carburetor Assy (McCulloch Double Needle) |
| 1     | 110397      | 5   | Screw - Pan hd 8-32 x 7/16 (SEMS)         |
| 2     | 65597       | 1   | Plate - Carburetor base                   |
| 3     | 67357       | 1   | Diaphragm Assy - Pump                     |
| 4     | 66796       | 1   | Seal - Capillary                          |
| 5     | 63041       | 1   | Valve - Primer                            |
| 6     | 63041       | 1   | Valve - Primer                            |
| 7     | 106136      | 1   | Ring                                      |
| 8     | 65868       | 1   | Set - Ball and seat                       |
| 9     | 66153       | 1   | Seat                                      |
| 10    | 61151       | 1   | Ball                                      |
| 11    | 104728      | 1   | Screw - Bind hd 6-32 x 1/4                |
| 12    | 110337      | 1   | Pin - Inlet lever                         |
| 13    | 62310       | 1   | Lever - Inlet                             |
| 14    | 62923A      | 1   | Spring - Inlet lever                      |
| 15    | 63038       | 1   | Valve - Inlet needle                      |
| 16    | 65677       | 1   | Retainer - Primer plug                    |
| 17    | 65617       | 1   | Plug - Primer                             |
| 18    | 105617      | 1   | "O" Ring                                  |
| 19    | 101289      | 1   | Ring - Retaining                          |
| 20    | 65859       | 1   | Spring - Plunger                          |
| 21    | 66552       | 1   | Plunger - Primer                          |
| 22    | 59796       | 2   | "O" Ring                                  |
|       | 66551       | 1   | "O" Ring                                  |
| 23    | 67116       | 1   | Seal - "V" Packing                        |
| 24    | 110483      | 1   | Screw - Adjusting                         |
| 25    | 65445       | 1   | Needle - Main fuel                        |
| 26    | 104001      | 1   | "O" Ring                                  |
| 27    | 104814      | 1   | Screw - Pan hd 4-40 x 1/4 (SEMS)          |
| 28    | 62290A      | 1   | Plate - Throttle                          |
| 29    | 104814      | 1   | Screw - Pan hd 4-40 x 1/4 (SEMS)          |
| 30    | 65430       | 1   | Lever - Throttle                          |
| 31    | 65431       | 1   | Needle - Metering                         |
| 32    | 62975       | 1   | Swivel - Needle                           |
| 33    | 65428       | 1   | Shaft Assy - Carburetor                   |
| 34    | 66504       | 1   | Body Assy - Carburetor                    |
| 35    | 65432       | 1   | Orifice - Air                             |
| 36    | 66569       | 1   | Orifice - Fuel                            |
| 37    | 59796       | 1   | "O" Ring                                  |
| 38    | 65724       | 1   | Stud - Carburetor                         |
| 39    | 62368       | 2   | Bushing                                   |
| 40    | 67062       | 1   | Seal - Air cleaner stud                   |

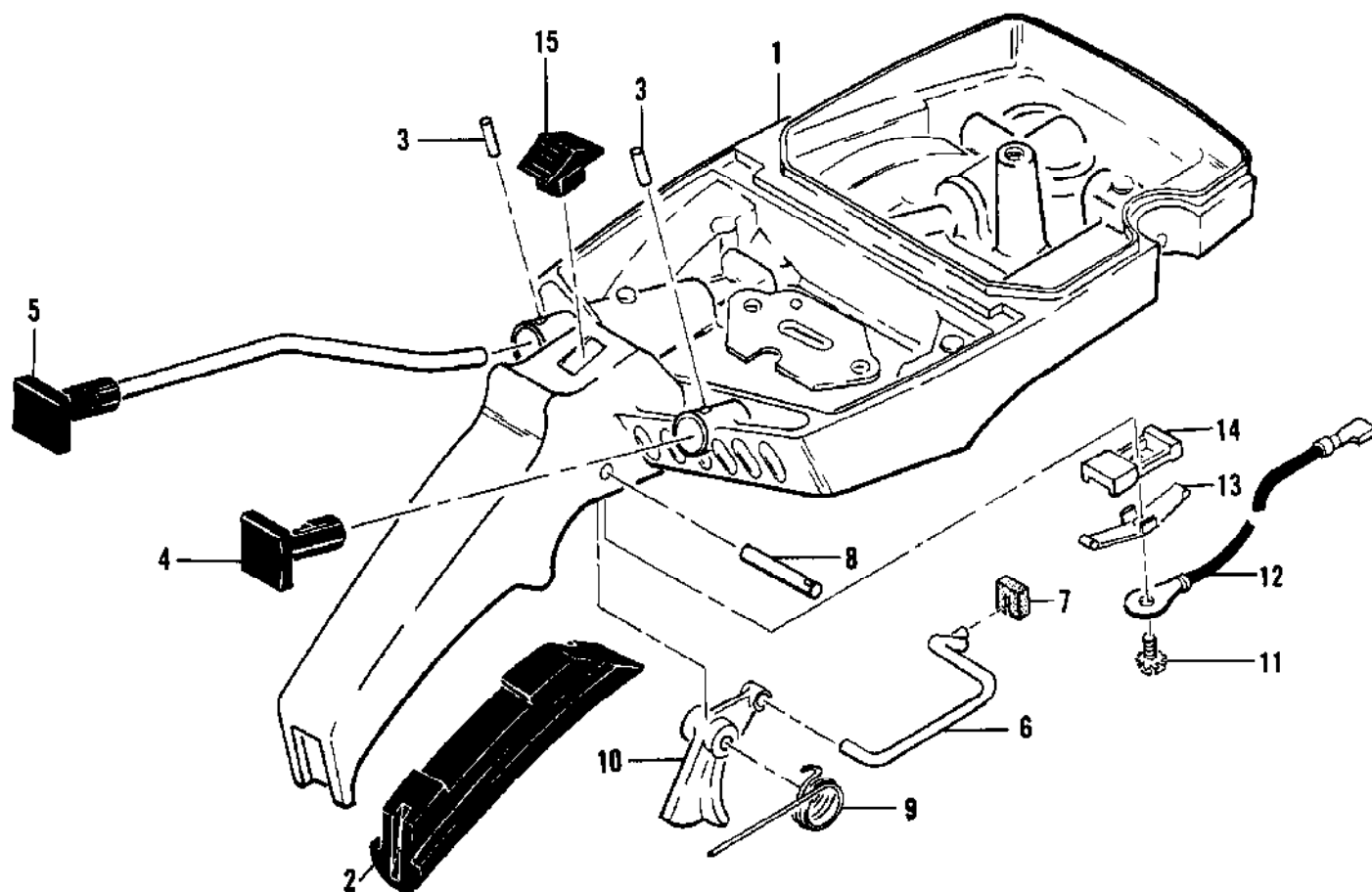


| Ref # | Part Number | Qty | Description                               |
|-------|-------------|-----|-------------------------------------------|
|       | 66564       | 1   | Carburetor Assy (McCulloch Single Needle) |
| 1     | 110397      | 5   | Screw - Pan hd 8-32 x 7/16 (SEMS)         |
| 2     | 65597       | 1   | Plate - Carburetor base                   |
| 3     | 67357       | 1   | Diaphragm Assy - Pump                     |
| 4     | 55690B      | 1   | Seal - Capillary                          |
| 5     | 63041       | 1   | Valve - Primer                            |
| 6     | 104728      | 1   | Screw - Bind hd 6-32 x 1/4                |
| 7     | 110337      | 1   | Pin - Inlet lever                         |
| 8     | 62310       | 1   | Lever - Inlet                             |
| 9     | 62923A      | 1   | Spring - Inlet lever                      |
| 10    | 63038       | 1   | Valve - Inlet needle                      |
| 11    | 62308A      | 1   | Plunger - Primer                          |
| 12    | 11086       | 1   | Spring - Plunger                          |
| 13    | 63037       | 1   | Seat - Primer valve                       |
| 14    | 63038       | 1   | Valve - Primer needle                     |
| 15    | 63039       | 1   | Spring - Needle valve                     |
| 16    | 101056      | 1   | "O" Ring                                  |
| 17    | 105606      | 1   | "O" Ring                                  |
| 18    | 62971       | 2   | Screw - Long locking adjustment           |
| 19    | 104245      | 1   | Pin - Roll 1/16 x 1/2                     |
| 20    | 62939A      | 1   | Spring - Idle governor                    |
| 21    | 103934      | 1   | Screw - Pan hd 6-32 x 1/4 (SEMS)          |
| 22    | 62938       | 1   | Clip - Throttle shaft                     |
| 23    | 62343A      | 1   | Lever - Throttle                          |
| 24    | 104814      | 1   | Screw - Pan hd 4-40 x 1/4 (SEMS)          |
| 25    | 62290A      | 1   | Plate - Throttle                          |
| 26    | 62976A      | 1   | Needle - Metering                         |
| 27    | 62291A      | 1   | Shaft Assy - Throttle                     |
| 28    | 62975       | 1   | Swivel - Needle                           |
| 29    | 63019B      | 1   | Body Assy - Carburetor                    |
| 30    | 62433B      | 1   | Stud - Carburetor                         |
| 31    | 62295D      | 1   | Orifice - Air                             |
| 32    | 66569       | 1   | Orifice - Fuel                            |
| 33    | 62288A      | 1   | Bushing - Throttle shaft                  |
| 34    | 62368       | 1   | Bushing - Throttle shaft                  |
| 35    | 67062       | 1   | Seal - Air cleaner stud                   |

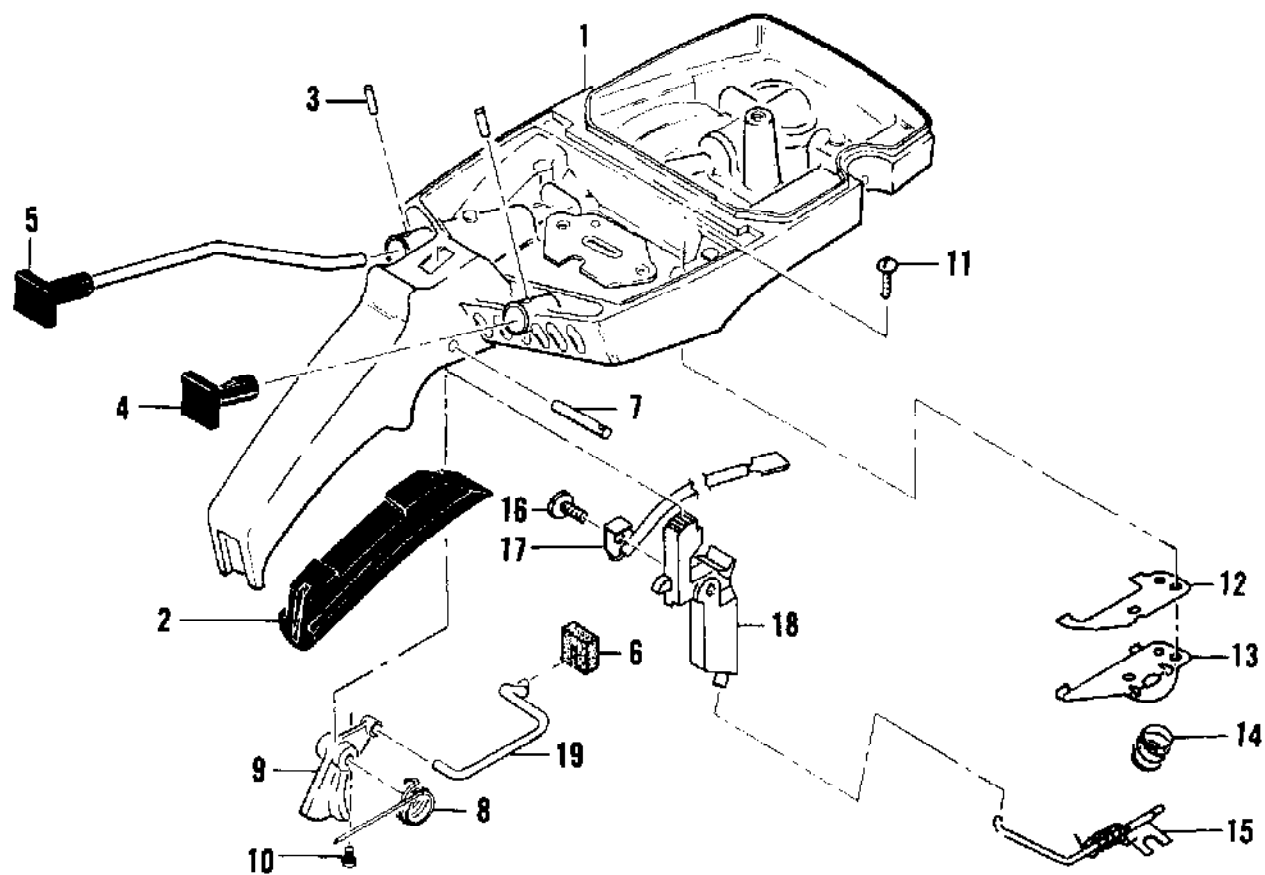




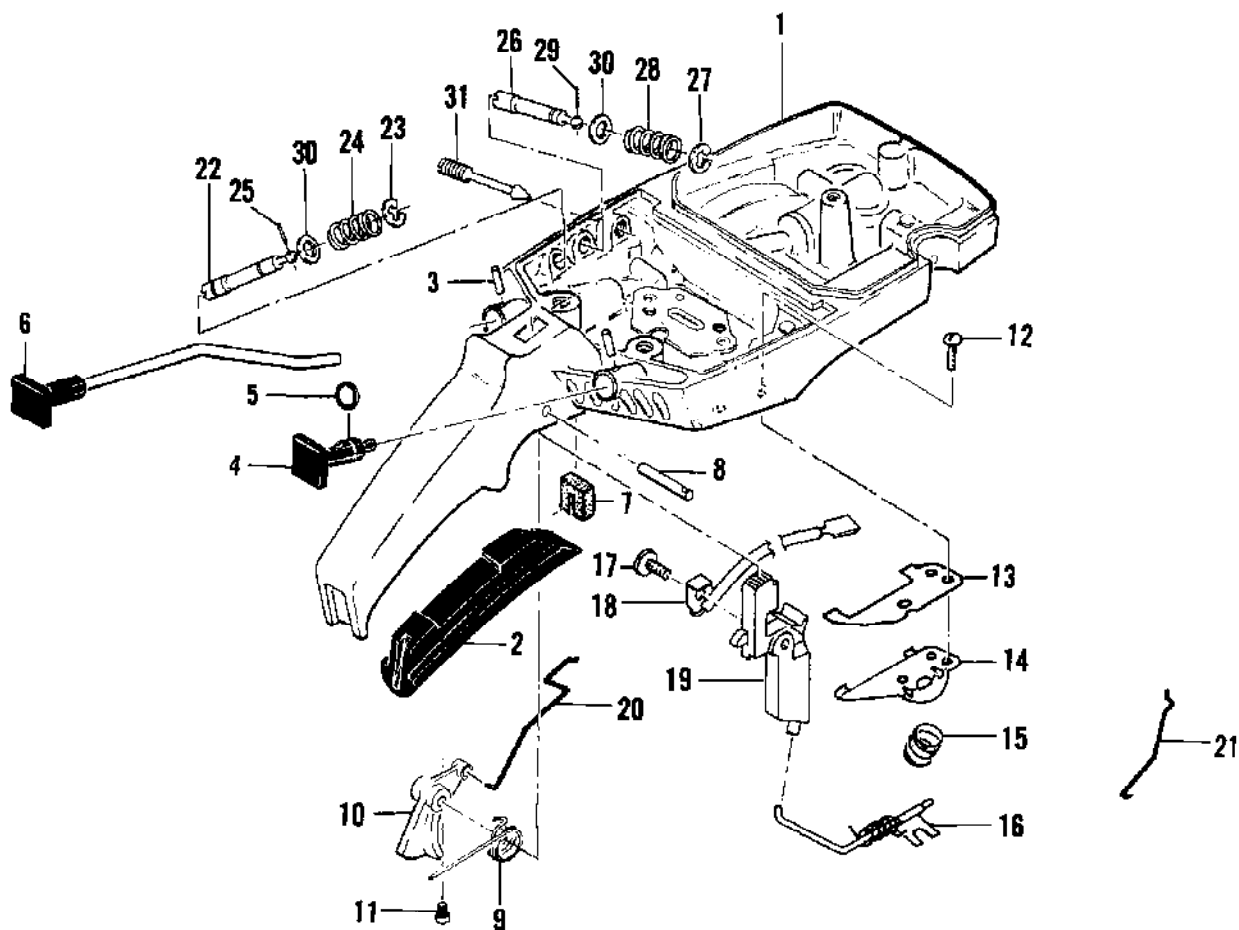
| Ref # | Part Number | Qty | Description             |
|-------|-------------|-----|-------------------------|
|       | 67206       | 1   | Clutch Guard Assy       |
| 1     | 102144      | 1   | Screw - Bar adjusting   |
| 2     | 102067      | 1   | Nut - Hex 10-24         |
| 3     | 110387      | 1   | Washer - Wave           |
| 4     | 61705       | 1   | Nut - Bar adjusting     |
| 5     | 101174      | 1   | Washer - #10            |
| 6     | 67205       | 1   | Retainer - Shield       |
| 7     | 63985       | 1   | Shield - Dust           |
| 8     | 63986       | 1   | Washer - Thrust         |
| 9     | 68695       | 1   | Drum - Starter          |
| 10    | 110470      | 1   | Rivet - Starter rope    |
| 11    | 62191A      | 1   | Insert - Starter handle |
| 12    | 62190A      | 1   | Handle - Starter        |
| 13    | 69964       | 1   | Rope - Starter          |
| 14    | 68626       | 1   | Spring - Starter rewind |
| 15    | 63987       | 1   | Shield - Starter spring |
| 16    | 61635A      | 1   | Bushing - Nyliner       |
| 17    | 67207       | 1   | Guard - Clutch          |



| Ref # | Part Number | Qty | Description                      |
|-------|-------------|-----|----------------------------------|
| 1     | 66648       | 1   | Fuel Tank Assy                   |
| 2     | 64872       | 1   | Grip - Handle                    |
| 3     | 105673      | 2   | Pin - Roll 3/32 x 9/16           |
| 4     | 66194       | 1   | Button - Primer                  |
| 5     | 63052       | 1   | Button and Rod Assy - Oiler      |
|       | 64871       | 1   | Button and Rod Assy - Oiler      |
| 6     | 62970C      | 1   | Rod - Throttle                   |
|       | 65816       | 1   | Rod - Throttle                   |
| 7     | 67989       | 1   | Seal - Throttle rod              |
| 8     | 110378      | 1   | Pin - Roll 3/16 x 15/16          |
| 9     | 65734       | 1   | Spring - Throttle return         |
| 10    | 67224       | 1   | Trigger - Throttle               |
| 11    | 103672      | 1   | Screw - Fil hd 8-32 x 1/2 (SEMS) |
| 12    | 62973A      | 1   | Wire Assy - Stop switch          |
| 13    | 62451       | 1   | Contact - Switch                 |
| 14    | 62950A      | 1   | Base - Switch                    |
| 15    | 62951       | 1   | Button - Switch                  |

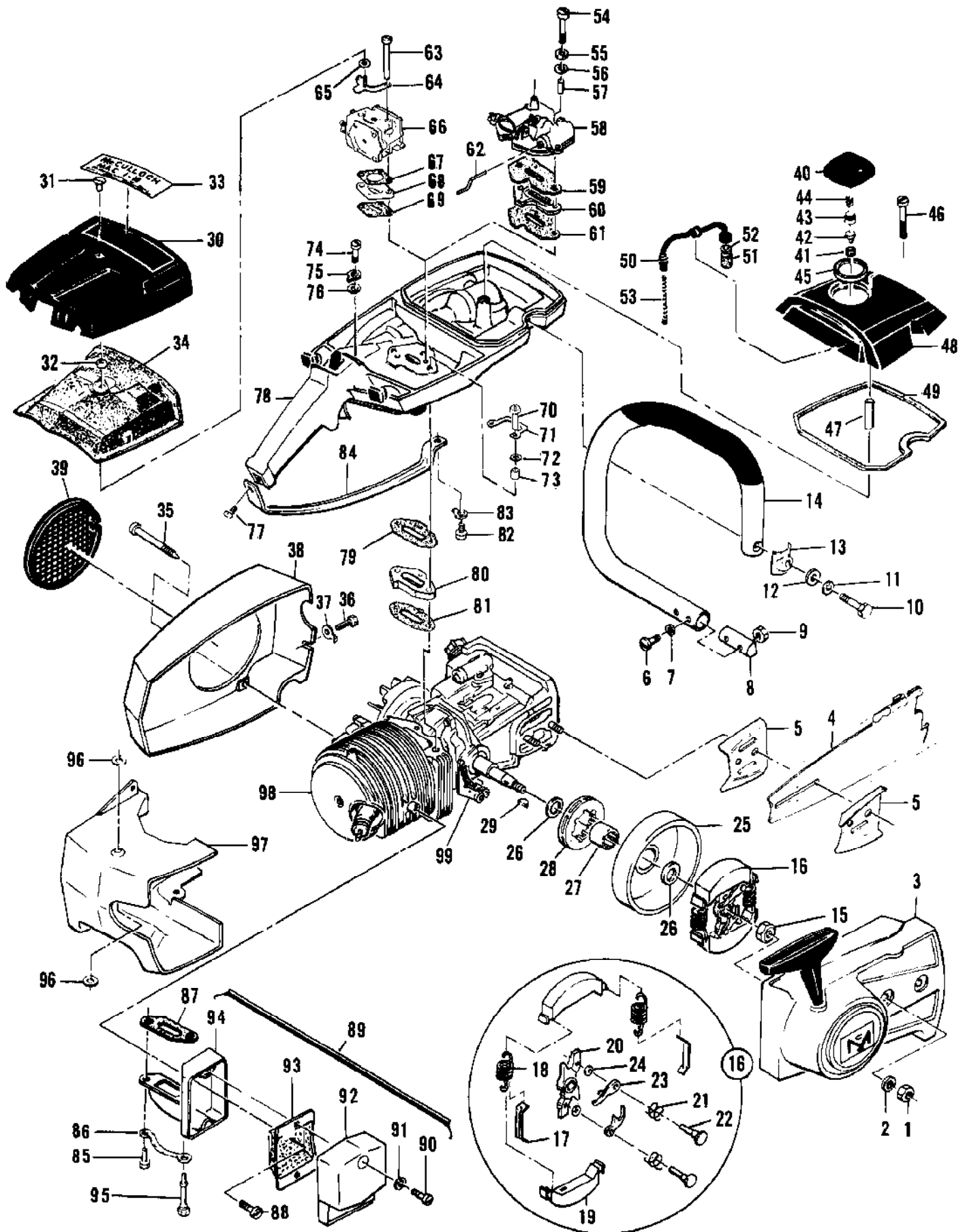


| Ref # | Part Number | Qty | Description                      |
|-------|-------------|-----|----------------------------------|
| 1     | 66648       | 1   | Fuel Tank Assy                   |
| 2     | 64872       | 1   | Grip - Handle                    |
| 3     | 105673      | 2   | Pin - Roll 3/32 x 9/16           |
| 4     | 66194       | 1   | Button - Primer                  |
| 5     | 64871       | 1   | Button and Rod Assy - Oiler      |
| 6     | 67989       | 1   | Seal - Throttle rod              |
| 7     | 110378      | 1   | Pin - Roll 3/16 x 15/16          |
| 8     | 65734       | 1   | Spring - Throttle return         |
| 9     | 67224       | 1   | Trigger - Throttle               |
| 10    | 110537      | 1   | Screw - Fil hd 8-36 x 1/2        |
| 11    | 105249      | 1   | Screw - Rd hd 8-32 x 3/8         |
| 12    | 64621       | 1   | Shield - Bracket                 |
| 13    | 64721       | 1   | Bracket - Lever assy             |
| 14    | 69687       | 1   | Spring - Valve                   |
| 15    | 69811       | 1   | Lever Assy - Compression release |
| 16    | 110469      | 1   | Screw - Pan hd 8-32 x 5/16       |
| 17    | 65873       | 1   | Wire Assy - Stop switch          |
| 18    | 67209       | 1   | Button - Control                 |
| 19    | 66156       | 1   | Rod - Throttle                   |



| Ref # | Part Number | Qty | Description                      |
|-------|-------------|-----|----------------------------------|
| 1     | 68683       | 1   | Fuel Tank Assy                   |
| 2     | 64872       | 1   | Grip - Handle                    |
| 3     | 105673      | 2   | Pin - Roll 3/32 x 9/16           |
| 4     | 68517       | 1   | Button - Choke                   |
| 5     | 101056      | 1   | "O" Ring                         |
| 6     | 64871       | 1   | Button and Rod Assy - Oiler      |
| 7     | 67989       | 1   | Seal - Throttle rod              |
| 8     | 110378      | 1   | Pin - Roll 3/16 x 15/16          |
| 9     | 65734       | 1   | Spring - Throttle return         |
| 10    | 67224       | 1   | Trigger - Throttle               |
| 11    | 110537      | 1   | Screw - Fil hd 8-36 x 1/2        |
| 12    | 105249      | 2   | Screw - Rd hd 8-32 x 3/8         |
| 13    | 64621       | 1   | Shield - Bracket                 |
| 14    | 64721       | 1   | Bracket - Lever assy             |
| 15    | 69687       | 1   | Spring - Valve                   |
| 16    | 69811       | 1   | Lever Assy - Compression release |
| 17    | 110469      | 1   | Screw - Pan hd 8-32 x 5/16       |
| 18    | 65873       | 1   | Wire Assy - Stop switch          |
| 19    | 67209       | 1   | Button - Control                 |
| 20    | 68170       | 1   | Rod - Throttle                   |
| 21    | 67355       | 1   | Rod - Choke                      |
| 22    | 68102       | 1   | Extension Assy - High speed      |
| 23    | 110512      | 1   | Ring - Retaining                 |
| 24    | 67363       | 1   | Spring                           |
| 25    | 110509      | 1   | Pin - Groove                     |
| 26    | 68101       | 1   | Extension Assy - Idle            |
| 27    | 110512      | 1   | Ring - Retaining                 |
| 28    | 67363       | 1   | Spring                           |
| 29    | 110509      | 1   | Pin - Groove                     |
| 30    | 67292       | 2   | Washer                           |
| 31    | 67271       | 1   | Screw - Idle speed               |

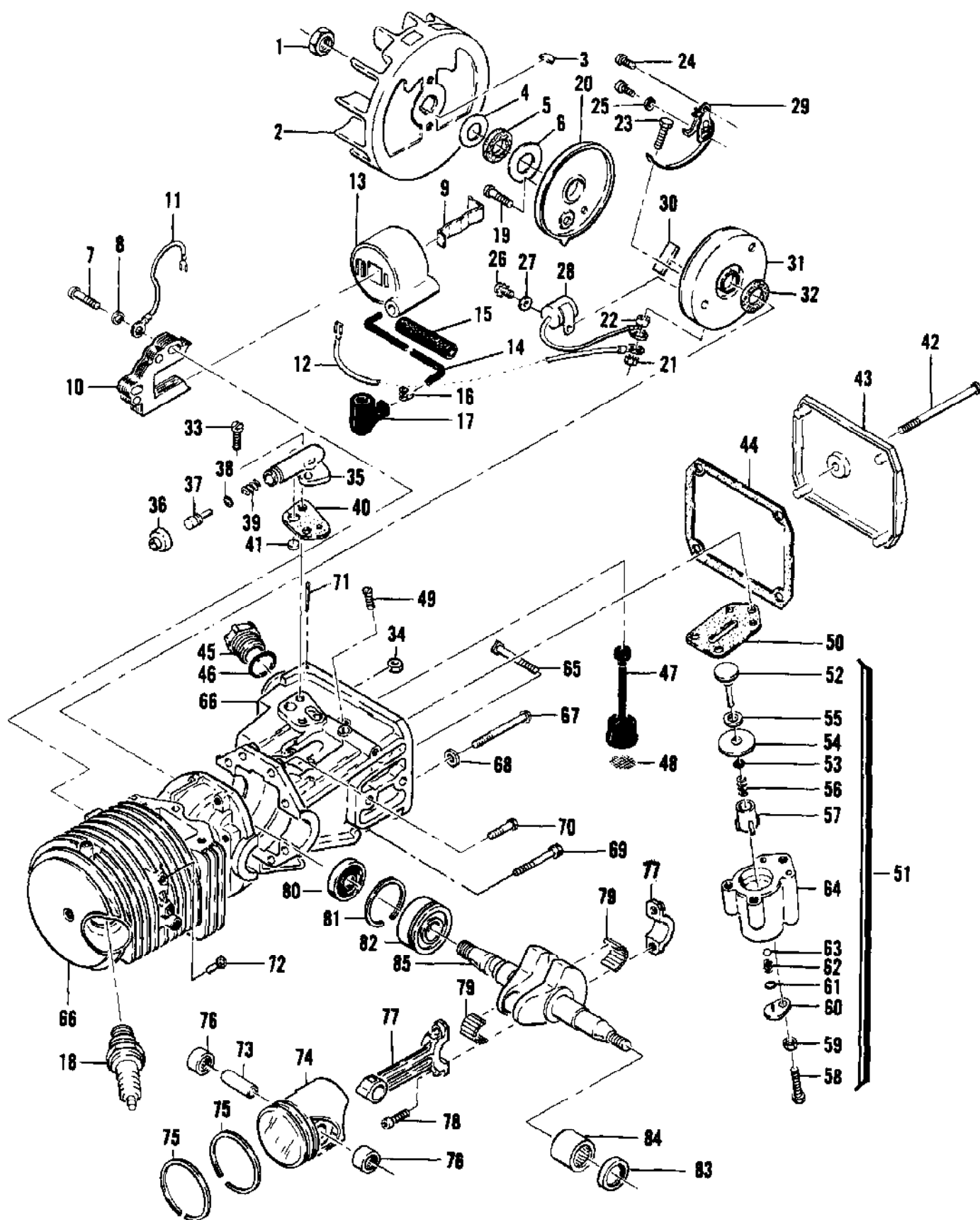




| Ref # | Part Number | Qty | Description                                                                                        |
|-------|-------------|-----|----------------------------------------------------------------------------------------------------|
| 1     | 110454      | 2   | Nut - Hex 5/16-24                                                                                  |
| 2     | 100440      | 2   | Washer - 5/16                                                                                      |
| 3     |             |     | Clutch Guard and Starter Assy See "Clutch Guard and Starter Assembly" illustration and parts list; |
| 4     |             |     | Bar and Chain Assy                                                                                 |
| 5     | 64330       | 1   | Set - Bar plates (Accessory Item)                                                                  |
| 6     | 102761      | 2   | Screw - Hex hd 10-24 x 7/8                                                                         |
| 7     | 100352      | 2   | Washer - #10                                                                                       |
| 8     | 61678       | 1   | Plug - Nut retainer                                                                                |
| 9     | 101326      | 2   | Nut - Hex 10-24                                                                                    |
| 10    | 101977      | 1   | Screw - Fil hd 1/4-20 x 3/4                                                                        |
|       | 105187      | 1   | Screw - Skt hd 1/4-20 x 1-1/8                                                                      |
|       | 102130      | 1   | Screw - Hex hd 1/4-20 x 1-1/2                                                                      |
| 11    | 105043      | 1   | Lockwasher - 1/4                                                                                   |
|       | 100153      | 1   | Lockwasher - 1/4                                                                                   |
| 12    | 100004      | 1   | Washer - 1/4                                                                                       |
| 13    | 63484       | 1   | Clamp                                                                                              |
| 14    | 67372       | 1   | Kit - Frame and grip                                                                               |
|       | 69054       | 1   | Frame and Grip Assy                                                                                |
| 15    | 110350      | 1   | Nut - Flexloc 5/16-24                                                                              |
|       | 103746      | 1   | Nut - Flexloc 3/8-24                                                                               |
| 16    | 67148       | 1   | Clutch Assy                                                                                        |
| 17    | 64583       | 2   | Retainer                                                                                           |
| 18    | 66384       | 2   | Spring - Clutch                                                                                    |
| 19    | 67233       | 2   | Shoe - Clutch                                                                                      |
| 20    | 67149       | 1   | Rotor Assy                                                                                         |
| 21    | 68837       | 2   | Spring - Pawl                                                                                      |
| 22    | 67112       | 2   | Rivet                                                                                              |
| 23    | 64857       | 2   | Pawl                                                                                               |
| 24    | 65473       | 2   | Washer - Special                                                                                   |
| 25    | 65370       | 1   | Kit - Sprocket and drum assy                                                                       |
| 26    | 61692       | 2   | Shim                                                                                               |
|       | 64031       | 2   | Shim                                                                                               |
| 25    | 67644       | 1   | Drum and Bearing Assy                                                                              |
| 27    | 104519      | 1   | Bearing                                                                                            |
|       | 110330      | 1   | Bearing                                                                                            |
| 28    | 67646       | 1   | Sprocket                                                                                           |
| 29    | 103879      | 1   | Key - Woodruff                                                                                     |
| 30    | 62117       | 1   | Cover Assy - Air cleaner                                                                           |
|       | 65866       | 1   | Cover Assy - Air cleaner                                                                           |
|       | 65750       | 1   | Cover Assy - Air cleaner                                                                           |
|       | 66597       | 1   | Cover Assy - Air cleaner                                                                           |
| 31    | 62434       | 1   | Nut - Cover                                                                                        |
|       | 65813       | 1   | Nut - Cover                                                                                        |
|       | 65720       | 1   | Nut - Cover                                                                                        |
|       | 66290       | 1   | Nut - Cover                                                                                        |
| 32    | 66665       |     | Spacer - Nut                                                                                       |
| 33    | 65456       |     | Nameplate                                                                                          |
|       | 67417       |     | Nameplate                                                                                          |
|       | 67425       | 1   | Nameplate                                                                                          |
|       | 67433       |     | Nameplate                                                                                          |
| 34    | 62077       | 1   | Filter - Air                                                                                       |
|       | 66774       |     | Filter - Air                                                                                       |
|       | 68521       |     | Filter - Air                                                                                       |
|       | 68520       |     | Filter - Air                                                                                       |

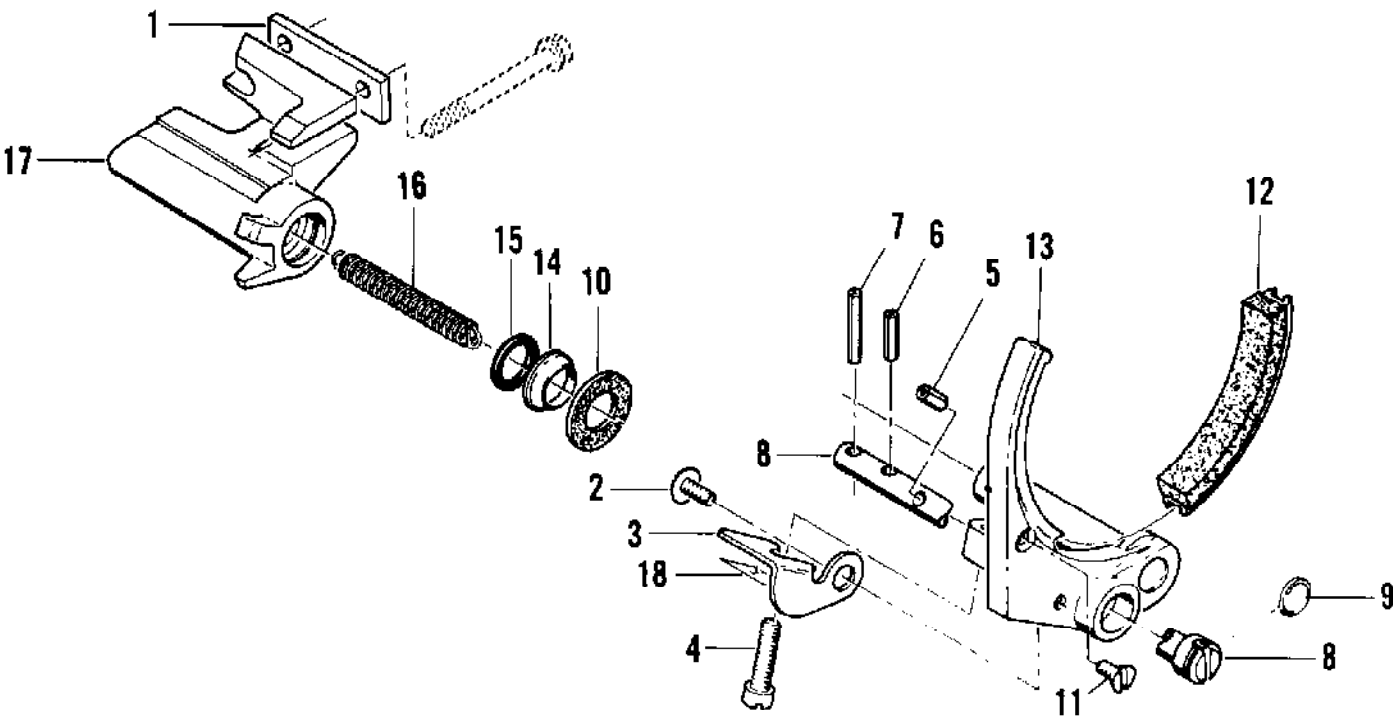
| Ref # | Part Number | Qty | Description                                                           |
|-------|-------------|-----|-----------------------------------------------------------------------|
| 35    | 62978       | 3   | Screw - Special                                                       |
| 36    | 105348      | 1   | Screw - Hex hd 10-24 x 1/2                                            |
| 37    | 69890       | 1   | Lockplate                                                             |
| 38    | 83521       | 1   | Kit - Fan housing                                                     |
| 39    | 55615       | 1   | Guard - Flywheel                                                      |
| 40    | 68531       | 1   | Fuel Cap Assy                                                         |
| 41    | 68533       | 1   | Plug                                                                  |
| 42    | 63041       | 1   | Valve                                                                 |
| 43    | 62316       | 1   | Guide                                                                 |
| 44    | 63040       | 1   | Spring                                                                |
| 45    | 65671       | 1   | Gasket                                                                |
| 46    | 110334      | 1   | Screw - Oval hd 12-24 x 1-3/4                                         |
|       | 110402      | 1   | Screw - Oval hd 12-24 x 2-3/8                                         |
| 47    | 69686       | 1   | Spacer - Screw                                                        |
| 48    | 64796       | 1   | Kit - Fuel tank cover                                                 |
|       | 63656       | 1   | Cover - Fuel tank                                                     |
|       | 63288       | 1   | Cover - Fuel tank                                                     |
| 49    | 69345       | 1   | Gasket - Cover                                                        |
| 50    | 63935       | 1   | Hose Assy - Fuel                                                      |
|       | 64848       | 1   | Hose Assy - Fuel                                                      |
| 51    | 63932       | 1   | Filter - Fuel                                                         |
| 52    | 100440      | 1   | Washer                                                                |
| 53    | 67944       | 1   | Spring - Hose stiffener                                               |
| 54    | 102433      | 2   | Screw - Hex hd 10-24 x 1-5/8                                          |
|       | 103355      | 2   | Screw - Hex hd 10-24 x 1-7/8                                          |
|       | 103124      | 2   | Screw - Hex hd 10-24 x 2                                              |
|       | 110551      | 2   | Screw - Hex hd 10-24 x 2-1/8                                          |
| 55    | 100352      | 2   | Washer - #10                                                          |
|       | 64856       | 2   | Washer - #10                                                          |
|       | 36388       | 2   | Lockplate                                                             |
| 56    | 64856       | 2   | Washer - #10                                                          |
|       | 68203       | 2   | Washer - Insulating                                                   |
| 57    | 62327A      | 2   | Sleeve - Insulating                                                   |
|       | 65726       | 2   | Sleeve - Insulating                                                   |
| 58    |             |     | Carburetor Assy See "Carburetor Assembly" illustration and parts list |
|       |             |     | Carburetor Assy See "Carburetor Assembly" illustration and parts list |
| 59    | 65672       | 1   | Gasket - Carburetor                                                   |
| 60    | 65821       | 1   | Spacer - Carburetor                                                   |
|       | 67380       | 1   | Spacer - Carburetor                                                   |
| 61    | 65672       | 1   | Gasket - Spacer                                                       |
|       | 67235       | 1   | Gasket - Spacer                                                       |
| 62    | 62066A      | 1   | Rod - Primer                                                          |
|       | 65758       | 1   | Rod - Primer                                                          |
| 63    | 110551      | 2   | Screw - Hex hd 10-24 x 2-1/8                                          |
| 64    | 66681       | 1   | Bracket Assy                                                          |
| 65    | 67062       | 1   | Seal - Air cleaner                                                    |
| 66    |             |     | Carburetor Assy See "Carburetor Assembly" illustration and parts list |
| 67    | 68132       | 1   | Gasket - Carburetor                                                   |
| 68    | 66678       | 1   | Spacer - Carburetor                                                   |
| 69    | 68131       | 1   | Gasket - Spacer                                                       |
| 70    | 110553      | 2   | Screw - Hex hd 10-24 x 1-3/8                                          |

| Ref # | Part Number | Qty | Description                                                             |
|-------|-------------|-----|-------------------------------------------------------------------------|
| 71    | 68582       | 1   | Lockplate                                                               |
| 72    | 100003      | 2   | Washer - #10                                                            |
| 73    | 66189       | 2   | Sleeve                                                                  |
| 74    | 102760      | 1   | Screw - Hex hd 10-24 x 1                                                |
|       | 102290      | 1   | Screw - Hex hd 10-24 x 1-1/8                                            |
|       | 110516      | 1   | Screw - Hex hd 10-24 x 1-1/8                                            |
| 75    | 100352      | 1   | Washer - #10                                                            |
|       | 64856       | 1   | Washer - #10                                                            |
|       | 63475       | 1   | Lockplate                                                               |
| 76    | 68203       | 1   | Washer - Insulating                                                     |
|       | 64856       |     | Washer - #10                                                            |
| 77    | 110353      |     | Screw - Oval hd 10-24 x 3/8                                             |
| 78    |             |     | Fuel Tank Assy See "Fuel Tank Assembly" illustration and parts list     |
|       |             |     | Fuel Tank Assy See "Fuel Tank Assembly" illustration and parts list     |
|       |             |     | Fuel Tank Assy See "Fuel Tank Assembly" illustration and parts list     |
| 79    | 68130       | 1   | Gasket - Fuel tank                                                      |
| 80    | 61680B      | 1   | Insulator - Fuel tank                                                   |
|       | 63396       | 1   | Insulator - Fuel tank                                                   |
|       | 66659       | 1   | Insulator - Fuel tank                                                   |
| 81    | 68130       | 1   | Gasket - Insulator                                                      |
| 82    | 102289      | 1   | Screw - Hex hd 10-24 x 3/4                                              |
| 83    | 100352      | 1   | Washer - #10                                                            |
|       | 69890       | 1   | Lockplate                                                               |
| 84    | 69838       | 1   | Brace - Handle                                                          |
| 85    | 110506      | 1   | Screw - Hex hd 10-24 x 5/8                                              |
| 86    | 67922       | 1   | Lockplate                                                               |
| 87    | 68149       | 1   | Gasket - Spark arrester                                                 |
| 88    | 110341      | 1   | Screw - Hex hd 10-24 x 1/2                                              |
| 89    | 68194       | 1   | Spark Arrester Assy                                                     |
|       | 68191       | 1   | Spark Arrester Assy                                                     |
| 90    | 102290      | 2   | Screw - Hex hd 10-24 x 1-1/8                                            |
| 91    | 110264      | 2   | Washer - #10                                                            |
| 92    | 62380       | 1   | Cover Assy                                                              |
| 93    | 62379B      | 1   | Baffle                                                                  |
| 94    | 83105       | 1   | Body and Duct Assy                                                      |
|       | 83106       | 1   | Body and Duct Assy                                                      |
| 95    | 68187       | 1   | Screw - Special                                                         |
| 96    | 62085A      | 2   | Insulator - Shroud                                                      |
| 97    | 67377       | 1   | Shroud                                                                  |
| 98    |             | 1   | Powerhead Assy See "Powerhead Assembly" illustration and parts list     |
| 99    |             | 1   | Power-Sharp System See "Power-Sharp System" illustration and parts list |



| Ref # | Part Number | Qty | Description                       |
|-------|-------------|-----|-----------------------------------|
| 1     | 101391      | 1   | Nut - Hex 3/8-24                  |
| 2     | 61737A      | 1   | Flywheel Assy                     |
| 3     | 103879      | 1   | Key - Woodruff                    |
| 4     | 67057       | 1   | Washer - Thrust                   |
| 5     | 67056       | 1   | Seal - Cover                      |
| 6     | 67054       | 1   | Washer - Thrust                   |
| 7     | 101965      | 2   | Screw - Fil hd 10-24 x 7/8 (SEMS) |
|       | 110127      | 2   | Screw - Hex hd 10-24 x 7/8 (SEMS) |
| 8     | 100002      | 2   | Washer - #10                      |
|       | 100003      | 2   | Washer - #10                      |
| 9     | 51253       | 1   | Retainer - Coil                   |
| 10    | 68164       | 1   | Lamination                        |
| 11    | 62819       | 1   | Wire Assy - Ground                |
| 12    | 69344       | 1   | Wire Assy - Primary               |
| 13    | 69798       | 1   | Kit - Coil                        |
| 14    | 69966       | 1   | Wire Assy - Spark plug            |
| 15    | 67127       | 1   | Sleeve                            |
| 16    | 62932       | 1   | Connector                         |
| 17    | 62926       | 1   | Boot                              |
| 18    | 63097       | 1   | Spark Plug                        |
| 19    | 110349      | 1   | Screw - Rd hd 8-32 x 3/4          |
| 20    | 62362       | 1   | Cover - Breaker box               |
| 21    | 100298      | 1   | Nut - Hex 6-32                    |
| 22    | 62365       | 1   | Spacer - Breaker screw            |
| 23    | 110346      | 1   | Screw - Hex hd 6-32 x 3/4         |
| 24    | 100934      | 2   | Screw - Rd hd 8-32 x 3/8          |
| 25    | 105976      | 1   | Washer - #8                       |
| 26    | 105249      | 1   | Screw - Rd hd 8-32 x 3/8 (SEMS)   |
| 27    | 100080      | 1   | Washer - #8                       |
| 28    | 61650       | 1   | Condenser                         |
| 29    | 62363       | 1   | Breaker Assy                      |
| 30    | 54184       | 1   | Wiper                             |
| 31    | 62361       | 1   | Box - Breaker                     |
| 32    | 67051       | 1   | Seal - Breaker box                |
| 33    | 110623      | 2   | Screw - Hex hd 8-32 x 1/2         |
| 34    | 100955      | 1   | Nut - Hex 8-32                    |
| 35    | 62261A      | 1   | Housing - Pump                    |
| 36    | 62262       | 1   | Cap - Housing                     |
| 37    | 62266       | 1   | Plunger - Pump                    |
| 38    | 101056      | 1   | "O" Ring                          |
| 39    | 66687       | 1   | Spring                            |
| 40    | 62230       | 1   | Gasket - Pump                     |
| 41    | 62909       | 1   | Valve                             |
| 42    | 110291      | 1   | Screw - Pan hd 10-24 x 2-5/8      |
| 43    | 63072       | 1   | Cover - Oil tank                  |
| 44    | 62116       | 1   | Gasket - Cover                    |
| 45    | 57129A      | 1   | Cap - Oil tank                    |
| 46    | 101148      | 1   | "O" Ring                          |
| 47    | 62123B      | 1   | Hose Assy - Oil                   |
| 48    | 51506       | 1   | Screen - Hose                     |
| 49    | 110333      | 3   | Screw - Oval hd 8-32 x 1/2        |
| 50    | 62274       | 1   | Gasket - Pulse pump               |
| 51    | 83134       | 1   | Pump Assy - Pulse                 |
| 52    | 60260A      | 1   | Piston Assy - Pump                |
| 53    | 104159      | 1   | "O" Ring                          |

| Ref # | Part Number | Qty | Description                      |
|-------|-------------|-----|----------------------------------|
|       | 104001      |     | "O" Ring                         |
| 54    | 60263       | 1   | Ring - Pump piston               |
| 55    | 60937       | 1   | Washer - Teflon                  |
| 56    | 60259       | 1   | Spring - Piston oiler            |
| 57    | 62227       | 1   | Sleeve - Oiler adjustment        |
| 58    | 110386      | 1   | Screw - Hex hd 8-32 x 1          |
| 59    | 100251      | 1   | Nut - Hex 8-32                   |
| 60    | 63858       | 1   | Cover - Outlet valve             |
| 61    | 106104      | 1   | "O" Ring                         |
| 62    | 62885A      | 1   | Spring - Outlet valve            |
| 63    | 102809      | 1   | Ball                             |
| 64    | 83128       | 1   | Body Assy - Pump                 |
| 65    | 62065       | 2   | Bolt - Bar mounting              |
| 66    | 67908       | 1   | Crankcase Assy                   |
|       | 67250       | 1   | Crankcase Assy                   |
| 67    | 62105       | 4   | Screw Assy - Sealing             |
| 68    | 62842       | 4   | Washer - Sealing                 |
| 69    | 110288      | 3   | Screw - Hex hd 8-32 x 3/4 (SEMS) |
| 70    | 100010      | 1   | Pin - Cotter                     |
| 71    | 83166       | 1   | Valve - Compression release      |
| 72    | 110618      | 1   | Screw - Hex hd 8-32 x 1-3/8      |
|       | 110491      | 2   | Screw - Hex hd 8-32 x 1-5/8      |
| 73    | 61649       | 1   | Pin - Piston                     |
| 74    | 69212       | 1   | Piston Assy                      |
| 75    | 62814       | 1   | Ring Set - Piston                |
| 76    | 103512      | 2   | Bearing - Needle                 |
| 77    | 65401       | 1   | Connecting Rod Assy              |
| 78    | 61627A      | 2   | Screw - Skt hd 8-36 x 1/2        |
| 79    | 63225       | 1   | Roller - Needle (Set of 20)      |
| 80    | 65746       | 1   | Oil Seal                         |
| 81    | 63464       | 1   | Ring - Snap                      |
| 82    | 63429B      | 1   | Bearing - Ball                   |
| 83    | 65747       | 1   | Oil Seal                         |
| 84    | 104357      | 1   | Bearing - Needle                 |
| 85    | 63336       | 1   | Crankshaft                       |





| Ref # | Part Number | Qty | Description                |
|-------|-------------|-----|----------------------------|
| 1     | 66307       | 1   | Plate - Base               |
|       | 67928       | 1   | Sharpener Assy             |
| 2     | 105027      | 1   | Screw - Tr hd 8-32 x 7/16  |
| 3     | 66075       | 1   | Bracket - Arm              |
| 4     | 110497      | 1   | Screw - Fil hd 10-32 x 3/4 |
| 5     | 105661      | 1   | Pin - Roll 1/8 x 3/8       |
| 6     | 103127      | 1   | Pin - Roll 1/8 x 1/2       |
| 7     | 105651      | 1   | Pin - Roll 1/8 x 11/16     |
| 8     | 67878       | 1   | Shaft - Locking            |
| 9     | 67879       | 1   | Ring - Retaining           |
| 10    | 67881       | 1   | Washer - Felt              |
| 11    | 110492      | 1   | Screw - Fl hd 8-32 x 5/16  |
| 12    | 67648       | 1   | Stone Assy                 |
| 13    | 67882       | 1   | Arm - Sharpener            |
| 14    | 66068       | 1   | Scraper - Dirt             |
| 15    | 105607      | 1   | "O" Ring                   |
| 16    | 66070       | 1   | Spring - Arm               |
| 17    | 67886       | 1   | Base                       |
| 18    | 67523       | 1   | Label - Grinder adjustment |