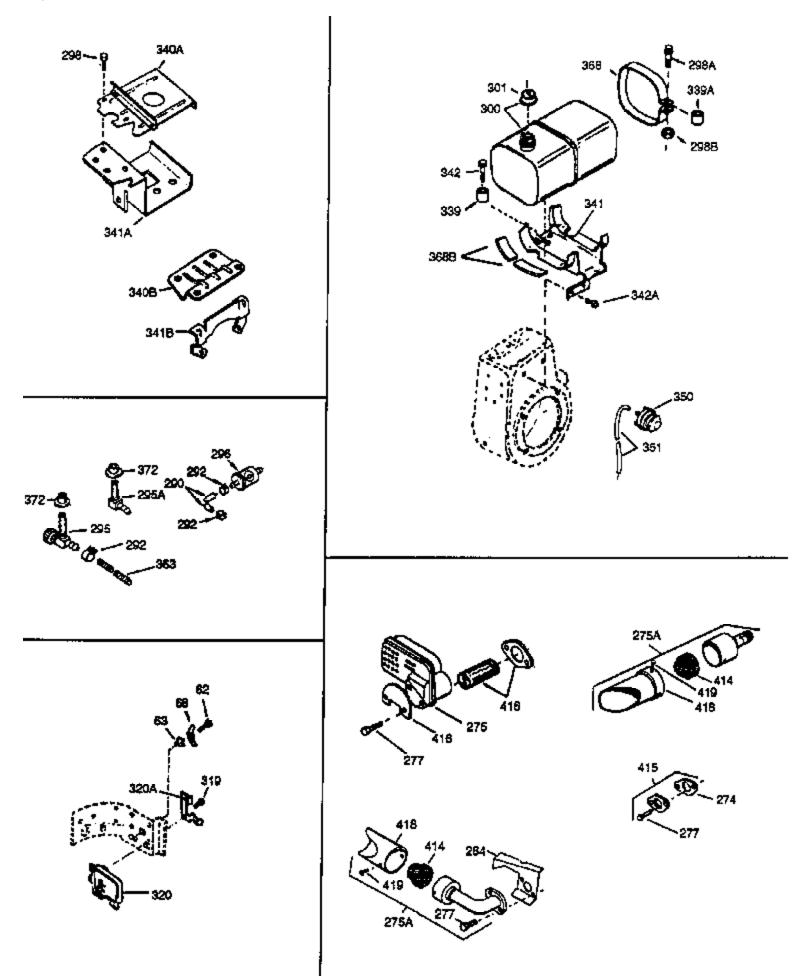


|     | Part Number Qt |   |
|-----|----------------|---|
| 1   | 34922A         | Cylinder (CI liner)(3-5/16")(Incl.2,2 0 & 72)               |
| 2   | 27652          | Pin, Dowel  |
| 15  | 30699C         | Rod Assy., Governor (Incl. 15A & 15B)                       |
|     | 650494         | Screw, 6-40 x 5/16"   |
|     | 30700          | Yoke, Governor  |
|     |                |   |
|     | 33454          | Governor Lever Assy.  |
|     | 29916          | Clamp, Governor lever                                       |
|     | 650548         | Screw, 8-32 x 5/16"   |
| 20  | 32630          | Seal, Oil   |
| 25  | 35256A         | Blower Housing Baffle (With electric starter knockout) (Use |
|     |                | as required)  |
| 25  | 29536          | Blower Housing Baffle (Without electric starter knockout)   |
|     |                | (Use as required)   |
| 26  | 650561         | Screw, 1/4-20 x 5/8"  |
|     | 33365B         | Crankshaft (Incl. 108 & 109)                                |
|     | 29826          | Screw, 10-32 x 3/4"   |
|     | 29918          | Lockwasher, #8 E.T.   |
|     |                |   |
|     | 30322          | Nut & Lockwasher, 8-32                                      |
|     | 29216          | Locknut, 10-32  |
|     | 29642          | Ring, Retaining   |
| 40  | 34860A         | Piston, Pin & Ring Set (Std.)(3-5/16")                      |
| 40  | 34861A         | Piston, Pin & Ring Set (.010" OS)                           |
|     | 34862A         | Piston, Pin & Ring Set (.020" OS)                           |
|     | 34863          | Piston & Pin Ass'y. (Std.)(3-5/16")(I ncl.43)               |
|     | 34864          | Piston & Pin Ass'y. (.010" OS) (Incl. 43)                   |
|     |                |   |
|     | 34865          | Piston & Pin Ass'y. (.020" OS) (Incl. 43)                   |
|     | 34866A         | Ring Set (Std.) (3-5/16" Bore)                              |
|     | 34867A         | Ring Set (.010" OS)   |
| 42  | 34868A         | Ring Set (.020" OS)   |
| 43  | 27888          | Ring, Piston Pin retaining                                  |
| 45  | 32591C         | Rod Assy., Connecting (Incl. 46, 47 & 49)                   |
| 46  | 650662C        | Bolt, Connecting rod (2 pieces)                             |
|     | 650662C        | Bolt, Connecting rod (2 pieces)                             |
|     | 34034          | Lifter, Valve   |
|     | 34242          |   |
|     |                | Dipper, Oil   |
|     | 34143          | Camshaft (MCR)  |
|     | 33273A         | Extension, Blower housing                                   |
|     | 650128         | Screw, 10-24 x 1/2"   |
| 69  | 35262          | * Gasket, Flange  |
|     | 33367B         | Cover, Cylinder (Incl. 71, 75 & 80)                         |
|     | 33368          | Bushing, Crankshaft   |
|     | 27642          | Plug, Oil drain   |
|     | 31950          | Seal, Oil   |
|     |                |   |
|     | 31845          | Shaft, Mechanical governor                                  |
|     | 30590A         | Washer, Flat  |
|     | 30591          | Gear Assy., Governor (Incl. 81)                             |
| 83  | 30588A         | Spool, Governor   |
|     | 29193          | Ring, Retaining   |
|     | 650833         | Screw, 1/4-20 x 1-3/16 (Use as required)                    |
|     | 650832         | Screw, 1/4-20 x 1-11/16" (Use as required)                  |
|     |                |   |
|     | 32589          | Key, Flywheel   |
|     | 650815         | Washer, Belleville  |
|     | 8116           | Nut, Hex  |
| 103 | 650489         | Screw, 1/4-20 x 5/8"  |
|     | 29783          | Pin, Crankshaft gear (Only serviceable when gear is pinned  |
|     |                |   |

| 109     33245     Gear, Crankshaft       119     34623A     * Gasket, Cylinder head       120     34030A     Head, Cylinder       125     27878A     Exhaust Valve (Ski) (Ind. 151)       126     34036     Intake Valve (Ski) (Ind. 151)       126     34036     Intake Valve (Ski) (Ind. 151)       126     56081     Washer, Deleville (Use as required)       127     650861     Washer, Felleville (Use as required, Loar or ow, Washer, Felleville (Use as required)       128     650977     Screw, 5/16-18 x-1-28* (Use as required, Use use for but discard 650091 washer.)       130     650694A     Screw, 5/16-18 x-1/28* (Use as required, Use use for but discard 650091 washer.)       131     650771     Screw, 5/16-18 x-1/28* (Use as required, Use use for but discard 650091 washer.)       131     650738     Screw, 5/16-18 x-1/28* (Use as required, Use use for but discard 650091 washer.)       133     650890     Washer, Internal Lock       134     650747     Screw, 5/16-18 x-1/28* (Use as required, Use use to but discard 650091 washer.)       133     650690     Washer, Internal Lock       134     650777     Screw, 5/16-18 x-1/28* | Ref # | Part Number | Qtv | Description   |
|--|-------|-------------|-----|---|
| 119   349230   * Gasket, Cylinder head     125   27878A   Exhaust Valve (Sd) (Ind. 151)     126   27878A   Exhaust Valve (Sd) (Ind. 151)     126   34035   Intake Valve (Sd) (Ind. 151)     126   36036   Intake Valve (Sd) (Ind. 151)     127   650891   Washer, De not use with No. 5021A scr ew.)     128   620727   Screw, 5/16-18 x 1-24 (Use as required)     130   650711   Screw, 5/16-18 x 1-27 (Use as required)     130   650711   Screw, 5/16-18 x 27 (Use as required)     131   650737   Screw, 5/16-18 x 27 (Use as required)     131   650737   Screw, 5/16-18 x 27 (Use as required)     131   650737   Screw, 1/4-20 x 5/8 (Use as required)     133   650737   Screw, 1/4-20 x 5/8 (Use as required)     134   30747   Clip, Spark plug shorting     135   36366   Screw, 1/20 x 5/8 (Use as required)     134   30747   Clip, Spark plug shorting     135   336366   Screw, 1/22 x 1/27     140   60036   Screw, 1/24 x 1/27     143   30747   Clip, Spark plug shorting   |       |             |     |   |
| 120     34030A     Head, Cylinder       125     27578A     Exhaust Vake (Sd.) (Ind. 151)       126     2780A     Exhaust Vake (Sd.) (Ind. 151)       126     34035     Intake Vake (Sd.) (Ind. 151)       127     550691     Washer, Do not use with No. 602/14 sor ew.)       128     650690     Washer, Deleville (Use as required, but do notuse 600       130     650711     Screw, 5/16-18 x 1-3/2 (Use as required, but do notuse 600       130     650694     Screw, 5/16-18 x 1-3/2 (Use as required, Can use 600       131     660731     Screw, 5/16-18 x 1-3/2 (Use as required, Can use 600       133     650736     Screw, 5/16-18 x 1-2/2 (Use as required, Can use 600       134     660737     Screw, 5/16-18 x 5-12       135     650738     Screw, 1/4-20 x 158 (Use as required, Can use 600       134     660737     Screw, 1/4-20 x 12     Use as required, Can use 600       135     650738     Screw, 1/4-20 x 12     Use as required, Can use 600       136     507738     Screw, 1/4-20 x 12     Use as required, Can use 600       136     50774     Giask fulg shorting     Giask 12  |       |             |     |   |
| 125   27878A   Exhaust Valve (132) (Incl. 151)     125   27890A   Exhaust Valve (132) (Incl. 151)     126   34036   Intake Valve (132) (Incl. 151)     127   650691   Washer (Do not use with No. 6021A scr ew.)     128   65077   Screw, 5/16-18 x 1-324 (Use as required)     129   65077   Screw, 5/16-18 x 1-324 (Use as required, but do notus     130   650711   Screw, 5/16-18 x 1-324 (Use as required)     131   650737   Screw, 5/16-18 x 1-26" (Use as required)     131   650737   Screw, 5/16-18 x 1-26" (Use as required)     131   650737   Screw, 5/16-18 x 1-26" (Use as required)     133   650800   Washer, Internal Lock     134   650737   Screw, 14-20 x 1/2" (Use as required)     133   650800   Washer, Internal Lock     134   30747   Clip, Spark plug shorting     135   33369   Bracket, Governor gear     140   650836   Screw, 10-24 x 1/2"     143   65072   Seal Assy, Intake valve     150   27881   Sping, Lower valve sping     161   228423   Body, Breather  |       |             |     | •   |
| 125   27880A   Exhaust Valve (1/32' CS) (nd. 151)     126   34036   Intake Valve (1/32' CS) (nd. 151)     127   650691   Washer, Belleville (Use as required)     128   65077   Screw, 5/16-18 x 1-34' (Use as required)     130   60714   Screw, 5/16-18 x 1-12'' (Use as required)     130   650711   Screw, 5/16-18 x 1-12'' (Use as required)     130   650713   Screw, 5/16-18 x 1-12'' (Use as required)     131   650773   Screw, 5/16-18 x 2'' (Use as required)     133   650804   Screw, 5/16-18 x 2'' (Use as required)     134   650737   Screw, 1/4-20 x 12'' (Use as required)     135   650738   Screw, 1/4-20 x 12'' (Use as required)     136   650738   Screw, 1/4-20 x 12''     137   650800   Washer, Internal Lock     138   Strew, 10-24 x 12''     139   33369   Bracket, Governor gear     140   650366   Screw, 10-24 x 12''     1449x 5682   Sealt Assy, Intake valve     150   27881   Spring, Compression     172   24424   Element, Breather     170   24244  |       |             |     |   |
| 126   34036   Intake Value (132' COS) (nd. 151)     127   650690   Washer (Do not use with No. 6021A scr ew.)     128   650777   Screw, 5716-18 x 1-324 (Use as required)     130   6021A   Screw, 5716-18 x 1-324 (Use as required)     130   650711   Screw, 5716-18 x 1-324 (Use as required)     130   650711   Screw, 5716-18 x 1-26 (Use as required)     131   650737   Screw, 5716-18 x 1-27 (Use as required)     131   650737   Screw, 5716-18 x 1-28 (Use as required)     131   650737   Screw, 5716-18 x 1-28 (Use as required)     133   650737   Screw, 14-20 x 127 (Use as required)     134   650747   Screw, 14-20 x 127 (Use as required)     133   650890   Washer, Internal Lock     134   650747   Clip, Spark Plug shorting     133   33369   Brack LG Sovenor gear     140   650866   Screw, 10-24 x 1/2"     1449, 35862   Scal Asy, Intake valve     153   25281   Cay, Intake valve     160   27896A   "Gasket, Breather     172   28425   Cover, Breather     173  |       |             |     |   |
| 126     34036     Intalke Value (1/32 <sup>2</sup> OS) (Inci 151)       127     650590     Washer, Beloville (Use as required)       128     650777     Screw, 5/16-18 x 1-1/2" (Use as required)       130     6021A     Screw, 5/16-18 x 1-1/2" (Use as required)       130     650711     Screw, 5/16-18 x 1-1/2" (Use as required)       130     650713     Screw, 5/16-18 x 2" (Use as required)       131     650737     Screw, 1/4-20 x 1/2" (Use as required)       133     650737     Screw, 1/4-20 x 1/2" (Use as required)       134     650737     Screw, 1/4-20 x 1/2" (Use as required)       133     650800     Washer, Internal Lock       134     650737     Screw, 1/4-20 x 1/2" (Use as required)       135     33359     Brack, Governor gear       140     650836     Screw, 1/2-20 x 1/2"       144A     Strew     10-24 x 1/2"       1453     Strew     Strew       140     560836     Screw, 10-24 x 1/2"       143     560747     Ciao, Strew       144A     Strew     Strew       142     Strew     Strew <td></td> <td></td> <td></td> <td></td>  |       |             |     |   |
| 127   650691   Washer Dor hot use with No. Sol2 A scr ew.)     128   650727   Screw, Srife-18 x 1-34 (Use as required)     130   6021A   Screw, Srife-18 x 1-34 (Use as required, but do notus:     650691   washer.)   Use as required, but do notus:     650713   Screw, Srife-18 x 1-58" (Use as required)   Can use 60     130   650737   Screw, Srife-18 x 2" (Use as required)     131   650737   Screw, 14-20 x 172" (Use as required)     133   650798   Screw, 14-20 x 172" (Use as required)     134   650737   Screw, 14-20 x 172" (Use as required)     135   53036   Resistor Spark Plug shorting     133   85090   Washer, Internal Look     134   30747   Clip, Spark Plug shorting     133   33369   Bracket, Governor gear     140   6508562   Seal Assy, Intake valve     151   32581   Cap, Lower valve spring     162   27895A   "Gasket, Breather     172   28425   Cover, Breather     172   28425   Cover, Breather     172   28425   Cover, No24 x 1/2"     174  |       |             |     |   |
| 128   650690   Washer, Belleville (Use as required)     130   6021A   Screw, 5/16-18 x 1-1/2" (Use as required),     130   650711   Screw, 5/16-18 x 1-1/2" (Use as required)     130   650691 washer.)   Screw, 5/16-18 x 1-1/2" (Use as required)     130   650691 washer.)   Screw, 5/16-18 x 2" (Use as required)     130   650691   Screw, 5/16-18 x 2" (Use as required)     131   650713   Screw, 5/16-18 x 5/6"     131   650737   Screw, 1/4-20 x 5/8 (Use as required)     133   650800   Washer, Internal Lock     134   30747   Clip, Spark plug shorting     135   33666   Screw, 10-24 x 1/2"     140   600366   Screw, 10-24 x 1/2"     1404   30562   Seal Assy, Intake valve     150   27881   Cap, Lower valve spring     161   32581   Cap, Lower valve spring     172   2424   Element, Breather     173   23530   Tube, Breather     174   260128   Screw, 10-24 x 1/2"     184   32581   Cap, Lower valve spring     172   2425   Cover  | 126   | 34036       |     | Intake Valve (1/32" OS) (Incl. 151)                       |
| 129   650727   Screw, 5/16-18 x 1-12' (Use as required, but do notus: 650691 washer.)     130   650711   Screw, 5/16-18 x 1-16'' (Use as required, but do notus: 650691 washer.)     130   650711   Screw, 5/16-18 x 1-16'' (Use as required) (Can use 60 but discard 650691 washer.)     130   650737   Screw, 5/16-18 x 2'' (Use as required)     131   650737   Screw, 1/4-20 x 12'' (Use as required)     133   650890   Washer, Internal Lock     133   650890   Washer, Internal Lock     134   30747   Clip, Spark Plug is shorting     135   33636   Resistor Spark Plug     139   33369   Bracket, Covernor gear     140   650836   Screw, 10-24 x 1/2''     1434   30747   Clip, Spark Plug is shorting     150   27881   Spring, Valve     151   32581   Cap, Lower valve spring     162   7396A   Casket, Breather     170   28423   Body, Breather     171   28424   Element, Breather     172   28425   Cover, Breather     173   35350   Tube, Breather     174   | 127   | 650691      |     | Washer (Do not use with No. 6021A scr ew.)                |
| 129   650727   Screw, 5/16-18 x 1-12' (Use as required, but do notus 650691 washer.)     130   650711   Screw, 5/16-18 x 1-16'' (Use as required) (Can use 60 but discard 650691 washer.)     130   650713   Screw, 5/16-18 x 2'' (Use as required) (Can use 60 but discard 650691 washer.)     130   650737   Screw, 1/4-20 x 12'' (Use as required)     131   650737   Screw, 1/4-20 x 12'' (Use as required)     133   650890   Washer, Internal Lock     133   650890   Washer, Internal Lock     133   650890   Washer, Internal Lock     134   30747   Clip, Spark Plug shorting     135   33369   Bracket, Corvemor gear     140   650836   Screw, 10-24 x 1/2''     1439   33369   Bracket, Corvemor gear     140   650836   Screw, 10-24 x 1/2''     1449A   35862   Seal Assy, Intake valve     150   27881   Cap, Lower valve spring     161   33530   Cay, Lower valve spring     172   28424   Element, Breather     172   28423   Cover, Breather     173   25350   Tube, Breather  <  | 128   | 650690      |     | Washer, Belleville (Use as required)                      |
| 130     6021A     Screw, 5/16-18 x 1-1/2" (Use as required, but do notuse 60091 washer.)       130     650691 washer.)     Screw, 5/16-18 x 1-5/8 " (Use as required) (Can use 60 but discard 650691 washer.)       130     650694A     Screw, 5/16-18 x 5/6"       131A     650713     Screw, 5/16-18 x 5/6"       131A     650737     Screw, 5/16-18 x 5/6"       131     650737     Screw, 1/4-20 x 1/2" (Use as required)       133     650890     Washer, Internal Lock       134     30747     Clip, Spark Plug       135     33636     Resistor Spark Plug       139     33399     Bracket, Governor gear       140     65036     Screw, 10-24 x 1/2"       149A     35682     Seal Assy, Intake valve       150     27881     Spring, Valve       151     32581     Cap, Lower valve spring       162     72861     Spring, Valve       170     28423     Body, Breather       171     28425     Cover, Breather       172     28425     Cover, Breather       173     3530     Tube, Breather <tr< td=""><td></td><td></td><td></td><td></td></tr<>   |       |             |     |   |
| 650681 washer.)       130     650711     Screw, 5/16-18 x 1-5/8 " (Use as required) (Can use 60 but discard 650691 washer.)       131     650737     Screw, 5/16-18 x 2" (Use as required)       131     650737     Screw, 5/16-18 x 2 * (Use as required)       131     650738     Screw, 1/4-20 x 58 (Use as required)       133     650890     Washer, Internal Lock       134     30747     Clp, Spark Jug shorting       135     33636     Bracket, Governor gear       140     650836     Screw, 10-24 x 12"       143     3269     "Gasket, Breather       170     24223     Body, Breather       171     24243     Element, Breather       172     2425     Cover, Breather       173     35350     Tube, Breather       174     650128     Screw, 10-24 x   |       |             |     |   |
| 130   650711   Screw, 5/16-18 x 1-5/8 " (Use as required) (Can use 60 but discard 650691 washer.)     1310   650733   Screw, 5/16-18 x 2" (Use as required)     1314   650737   Screw, 5/16-18 x 5/8"     131   650738   Screw, 1/4-20 x 1/2" (Use as required)     133   650890   Washer, Internal Lock     134   650747   Clip, Spark plug shorting     135   35368   Resistor Spark Plug     139   33599   Bracket, Governor gear     140   65036   Screw, 1/4-24 x 1/2"     1439   35862   Seal Assy., Intake valve     150   27896A   " Gasket, Breather     170   28423   Body, Breather     171   28424   Element, Breather     172   28423   Body, Breather     173   35350   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 14-28     183   32633   " Gasket, Carburetor     198   34707   Pipe, Intake     198   34707   Pipe, Intake    198   34707  | 100   |             |     |   |
| but discard 650691 washer.)       130     650694A     Screw, 5/16-18 x 2' (Use as required)       131     650713     Screw, 5/16-18 x 5/8''       131     650737     Screw, 1/4-20 x 1/2'' (Use as required)       133     650390     Washer, Internal Lock       134     30747     Clip, Spark Plug       135     35036     Resistor Spark Plug       139     33369     Bracket, Governor gear       140     650336     Screw, 10-24 x 1/2''       149A     39862     Seal Assy., Intake valve       151     32581     Cap, Lower valve spring       169     27896A     * Gasket, Breather       172     28423     Body, Breather       171     28424     Element, Breather       172     28425     Coure, Breather       172     28425     Coure, Breather       174     650128     Screw, 10-24 x 1/2''       178     29752     Nu & Lockwasher, 14-28       183     32603     Tube, Breather       174     630128     Screw, 10-24 x 1/2''       178   |       |             |     | USUUS T Washer.   |
| 130   650694A   Screw, 5/16-18 $\times 2^{\nu}$ (Use as required)     131   650737   Screw, 5/16-18 $\times 5^{\mu}$ 131   650737   Screw, 1/4-20 $\times 5/8$ (Use as required)     133   650890   Washer, Internal Lock     133   533636   Resistor Spark Plug     135   33636   Resistor Spark Plug     139   33369   Bracket, Governor gear     140   650836   Screw, 1/4-20 $\times 1/2^{\nu}$ 1434   3562   Seal Assy., Intak valve     150   27881   Cape, Lower valve spring     160   27896A   " Gasket, Breather     170   28423   Body, Breather     171   28424   Element, Breather     172   28425   Cover, Ireather     173   3530   Tube, Breather     174   60128   Screw, 1/4-28 $\times 1^*$ 188   34707   Pine, Intake     186   3461   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   24777   Control Bracke  | 130   | 650711      |     | Screw, 5/16-18 x 1-5/8 " (Use as required) (Can use 6021A |
| 131A   650713   Screw, 1/4-20 x 5/2" (Use as required )     131   650737   Screw, 1/4-20 x 5/2" (Use as required )     133   650830   Washer, Internal Lock     134   30747   Clip, Spark Plug     133   33636   Resistor Spark Plug     133   33369   Bracket, Governor gear     140   65036   Screw, 1/0-24 x 1/2"     1434   35862   Seal Assy, Intake valve     150   27881   Cap, Lower valve spring     160   27896A   " Gasket, Breather     170   28423   Body, Breather     171   28424   Element, Breather     172   28425   Cover, Breather     173   3530   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 1/4-28     183   30088A   Screw, 10-24 x 1/2"     184   33263   "Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever -     203   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)   |       |             |     | but discard 650691 washer.)                               |
| 131A 650713   Screw, 5/16-18 x 5.6°     131 650733   Screw, 1/4-20 x 5/2° (Use as required)     133 650890   Washer, Internal Lock     134 630747   Clip, Spark Plug     135 33636   Resistor Spark Plug     138 3339   Bracket, Governor gear     149 65036   Screw, 1/4-20 x 5/2°     150 27881   Sping, Valve     150 27881   Cap, Lower valve spring     160 27886A   " Gasket, Breather     171 28424   Element, Breather     172 28425   Cover, Breather     173 3530   Tube, Breather     174 650128   Screw, 1/4-28 x 1/2"     178 29752   Nut & Lockwasher, 1/4-28     188 34061   Link, Governor lever     200 34677   Control Bracket (Ca10, 19, 203, 204, 2 06, 209)     203 31342   Spring, Compression     204 650549   Screw, 10-32 x 1/2"     205 33768   Screw, 10-32 x 1/2"     206 3375D   Blower Housing (Can be purchased locally)     222   Screw, 10-32 x 1/2"     215 32210   Knob, Speed control     202 360378   Screw, 10-32 x 1/2"     215 32410   Knob, Speed control   | 400   | CE0C044     |     | ,   |
| 131   650737   Sorew, 1/4-20 x 5/8 (Use as required)     131   650890   Washer, Internal Look     133   650890   Washer, Internal Look     134   30747   Clip, Spark Plug shorting     135   33636   Resistor Spark Plug     139   33369   Bracket, Governor gear     140   650836   Screw, 10-24 x 1/2*     149A   35862   Seal Assy, Intake valve     150   27881   Coper valve spring     169   27896A   * Gasket, Breather     170   2423   Body, Breather     171   2424   Element, Breather     172   2425   Cover, Breather     173   35350   Tube, Breather     174   650128   Screw, 10-24 x 1/2*     178   29752   Nut & Lockwasher, 1/4-28     182   3008A   Screw, 10-24 x 1/2*     178   29752   Nut & Lockwasher, 1/4-28     184   3263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   <   |       |             |     |   |
| 131   650738   Sorew, 1/4-20, X8 (Use as required)     133   650890   Washer, Internal Lock     134   30747   Clp, Spark plug shorting     135   33636   Resistor Spark Plug     139   33369   Bracket, Governor gear     140   650836   Screw, 10-24 x 1/2"     149A   35862   Seal Assy., Intake valve     150   27881   Cap, Lower valve spring     169   27896A   * Gasket, Breather     170   28423   Body, Breather     171   28423   Body, Breather     172   28423   Body, Breather     173   35350   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lower valve spring     185   34707   Pipe, Intake     185   34707   Pipe, Intake     185   34661   Link, Governor lever to-throttle     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 70-32 x 1/2"  |       |             |     |   |
| 133   650830   Washer, Internal Lock     134   30747   Clip, Spark Plug shorting     135   33636   Reistor Spark Plug     139   33399   Bracket, Governor gear     140   650836   Screw, 10-24 x 1/2"     149A   35862   Scala Say, Intake valve     150   27831   Spring, Valve     151   32581   Cap, Lower valve spring     169   27896A   * Gasket, Breather     170   28423   Body, Breather     171   28424   Element, Breather     172   28425   Cover, Breather     173   35350   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 1/4-28     182   30088A   Screw, 10-24 x 1/2"     184   3263   * Gasket, Carburetor     185   34707   Pipe, Intake     185   34707   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Corer, 5-40 x 7/16"     207   |       |             |     |   |
| 134   30747   Clip, Spark plug shorting     135   33369   Bracket, Governor gear     140   650836   Screw, 10-24 x 1/2"     149A   35862   Seal Assy., Intake valve     150   27881   Spring, Valve     161   27881   Cap, Lower valve spring     169   27896A   * Gasket, Breather     170   28423   Body, Breather     171   28424   Element, Breather     172   28425   Cover, Breather     173   35350   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     188   30088A   Screw, 14-28     184   30263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, Tox 716"     205   32401   Knob, Speed control     204   650821   Screw, Tox 710, 5/16-18 x 1-1/8"     224  | 131   | 650738      |     | Screw, 1/4-20 x 5/8 (Use as required)                     |
| 134   30747   Clip. Spark Plug shorting     135   33369   Bracket, Governor gear     140   650836   Screw, 10-24 x 1/2"     149A   35862   Seal Assy., Intake valve     150   27881   Spring, Valve     161   32581   Cap, Lower valve spring     169   27986A   * Gasket, Breather     170   28423   Body, Breather     171   28424   Element, Breather     172   28425   Cover, Breather     173   35350   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     182   30088A   Screw, 14-28     183   33263   * Gasket, Carburetor     184   33263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 1742     215   32410   Knob, Speed control     2204   650549   | 133   | 650890      |     | Washer, Internal Lock                                     |
| 135   33636   Resistor Spark Plug     139   33369   Bracket, Governor gear     140   650836   Screw, 10-24 x 1/2"     149A   35862   Seal Assy., Intake valve     150   27881   Spring, Valve     161   32581   Cap., Lower valve spring     169   27896A   * Gasket, Breather     170   28423   Body, Breather     171   28424   Element, Breather     172   28425   Cover, Breather     173   35350   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 1/4-28     184   33263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 1542 x 1/2"     203   31342   Spring, Compression     204   650549   Screw, Torx 730, 5/1618 x 1-1/8"     224 <td>134</td> <td>30747</td> <td></td> <td></td>   | 134   | 30747       |     |   |
| 139   33369   Bracket, Governor gear     140   650836   Screw, 10-24 x 1/2"     149A   35862   Seal Assy., Intake valve     150   27881   Spring, Valve     151   32581   Cap. Lower valve spring     169   27936A   * Gasket, Breather     170   28423   Body, Breather     171   28424   Element, Breather     172   28425   Cover, Breather     173   35350   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 1/4-28     183   30088A   Screw, 14-28 x 1"     184   33263   * Gasket, Cathuretor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 10-32 x 1/2"     205   650378   Screw, Tox T-30, 61-18 x 1-1/8"     204   650378   Screw, Tox T-30, 61-18 x 1-1/8"  |       |             |     |   |
| 140   650836   Screw, 10-24 x 1/2 <sup>m</sup> 149A   35862   Seal Assy, Intake valve     150   27881   Spring, Valve     151   32581   Cap, Lower valve spring     169   27896A   * Gasket, Breather     170   28423   Body, Breather     171   28423   Body, Breather     171   28425   Cover, Breather     173   33550   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 1/4-28     182   30088A   Screw, 10-24 x 1/2"     183   30263   * Gasket, Carburetor     184   32863   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 5/16-18     205   36081   Screw, Torx T-30, 5/16-18 x 1-1/8"     206   50378   Screw, Torx T-30, 5/16-18 x 1-1/8" <t< td=""><td></td><td></td><td></td><td></td></t<>   |       |             |     |   |
| 149A   35862   Seal Åssy., Intake valve     150   27831   Spring, Valve     151   32581   Cap, Lower valve spring     169   27896A   * Gasket, Breather     170   28423   Body, Breather     171   28424   Element, Breather     172   28425   Cover, Breather     173   35350   Tube, Breather     174   660128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 1/4-28     182   30088A   Screw, 10-24 x 1/2"     184   33263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     2204   Pop Rivet (Can be purchased locally)     2215   32410   Knob, Speed control     2224   27915A   * Gasket, Intake pipe     206   33  |       |             |     |   |
| 150   27881   Spring, Valve     151   32581   Cap, Lower valve spring     169   27896A   * Gasket, Breather     170   28423   Body, Breather     171   28424   Element, Breather     172   28425   Cover, Breather     173   3530   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 1/4-28     182   30088A   Screw, 1/4-28 x 1"     184   33263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl. 19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 5-40 x 7/16"     209   650821   Screw, Tox T-30, 5/16-18 x 1-1/8"     215   32410   Knob, Speed control     222A   Po Rivet (Can be purchased locally)     223   650378   Screw, Tox T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     2   |       |             |     |   |
| 151   32581   Cap.Lower valve spring     169   27896A   * Gasket, Breather     170   28423   Body, Breather     171   28424   Element, Breather     172   28425   Cover, Breather     173   35350   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Ntt & Lockwasher, 1/4-28     182   30088A   Screw, 1/4-28 x 1"     184   33263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl. 19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 740 x 7/16"     205   3878   Link, Governor lever-to-throttle     209   650821   Screw, Tox 1-30, 5/16-18 x 1-1/8"     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Tox 1-30, 5/16-18 x 1-1/8"     242   27915A   * Gasket, Intake pipe     2508   3269A   Cover, Air cleaner   |       |             |     |   |
| 169   27896A   * Gasket, Breather     170   28423   Body, Breather     171   28424   Element, Breather     172   28425   Cover, Breather     173   35350   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 1/4-28     182   30088A   Screw, 10-24 x 1/2"     184   33263   * Gasket, Carburetor     185   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   660549   Screw, 10-32 x 1/2"     205   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Tox T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     2508   33269A   Cover, Air Geaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"  |       |             |     |   |
| 170   28423   Body, Breather     171   28424   Element, Breather     172   28425   Cover, Breather     173   35350   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 1/4-28     182   30088A   Screw, 1/4-28 x 1"     184   33263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 5-40 x 7/16"     207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     2224   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   7915A   * Gasket, Intake pipe     2508   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter) <td></td> <td></td> <td></td> <td></td>   |       |             |     |   |
| 171   28424   Element, Breather     172   28425   Cover, Breather     173   35350   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 1/4-28     182   30088A   Screw, 1/4-28 x 1"     184   33263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 5-40 x 7/16"     207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   60378   Screw, Tox T-30, 5/16-18 x 1-1/8"     24   27915A   * Gasket, Intake pipe     2508   3325D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-18 x 3/4"   |       |             |     |   |
| 172   28425   Cover, Breather     173   3530   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 1/4-28     182   30088A   Screw, 1/4-28 x 1"     184   33263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 5-40 x 7/16"     207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, 70x 7-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     2508   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-24 x 2/32"     262   29747B   Screw, 5/16-18 x 3/4"<   | 170   | 28423       |     | Body, Breather  |
| 173   35350   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 1/4-28     182   30088A   Screw, 1/4-28 x 1"     184   33263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 540 x 7/16"     207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     222A   Pop Rivet (Can be purchased locally)     222A   Screw, Tox T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   550788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"   | 171   | 28424       |     | Element, Breather   |
| 173   35350   Tube, Breather     174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 1/4-28     182   30088A   Screw, 1/4-28 x 1"     184   33263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 540 x 7/16"     207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     222A   Pop Rivet (Can be purchased locally)     222A   Screw, Tox T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   550788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"   | 172   | 28425       |     | Cover, Breather   |
| 174   650128   Screw, 10-24 x 1/2"     178   29752   Nut & Lockwasher, 1/4-28     182   30088A   Screw, 1/4-28 x 1"     184   33263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl. 19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 5-40 x 7/16"     207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cylinder head     275   3280A   Muffl   | 173   | 35350       |     | •   |
| 178   29752   Nut & Lockwasher, 1/4-28     182   30088A   Screw, 1/4-28 x 1"     184   33263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 5-40 x 7/16"     207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cylinder head     276   31588   Plate, Muffler locking     276   31588   Plate, Muffler locking     276   35729   Sc   |       |             |     |   |
| 182   30088A   Screw, 1/4-28 x 1"     184   33263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   3677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 5-40 x 7/16"     207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cylinder head     276   31588   Plate, Muffler locking     276   31588   Plate, Muffler locking     276   35741   Plate,  |       |             |     |   |
| 184   33263   * Gasket, Carburetor     185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 5-40 x 7/16"     207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     263   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     276   35741   Plate, Muffler lo   |       |             |     |   |
| 185   34707   Pipe, Intake     186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 5-40 x 7/16"     207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 5-40 x 7/16"     204   650378   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-18 x 3/4"     265   33272B   Cover, Cylinder head     275   31588   Plate, Muffler locking     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     276   35741   Plate   |       |             |     |   |
| 186   34661   Link, Governor lever     200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 5-40 x 7/16"     207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-18 x 3/4"     263   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     276   35729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)  |       |             |     | •   |
| 200   34677   Control Bracket (Incl.19, 203, 204, 2 06, 209)     203   31342   Spring, Compression     204   650549   Screw, 5-40 x 7/16"     207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cylinder head     275   3280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)  |       |             |     | •   |
| 203   31342   Spring, Compression     204   650549   Screw, 5-40 x 7/16"     207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)  |       |             |     | •   |
| 204   650549   Screw, 5-40 x 7/16"     207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)   |       |             |     |   |
| 207   33878   Link, Governor lever-to-throttle     209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)  |       |             |     |   |
| 209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     263   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)  | 204   | 650549      |     | Screw, 5-40 x 7/16"                                       |
| 209   650821   Screw, 10-32 x 1/2"     215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     263   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)  | 207   | 33878       |     | Link, Governor lever-to-throttle                          |
| 215   32410   Knob, Speed control     222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)   |       |             |     |   |
| 222A   Pop Rivet (Can be purchased locally)     223   650378   Screw, Torx T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)   |       |             |     | •   |
| 223   650378   Screw, Tox T-30, 5/16-18 x 1-1/8"     224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)  |       |             |     |   |
| 224   27915A   * Gasket, Intake pipe     250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)   |       | 650378      |     |   |
| 250B   33269A   Cover, Air cleaner     260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)  |       |             |     |   |
| 260   33375D   Blower Housing (For electric starter)     261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)   |       |             |     |   |
| 261   650788   Screw, 5/16-18 x 3/4"     262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)  |       |             |     | •   |
| 262   29747B   Screw, 5/16-24 x 21/32"     265   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)   |       |             |     |   |
| 265   33272B   Cover, Cylinder head     275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as requ ired)  |       |             |     |   |
| 275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as required)   |       |             |     | Screw, 5/16-24 x 21/32"                                   |
| 275   33280A   Muffler     276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as required)   | 265   | 33272B      |     | Cover, Cylinder head                                      |
| 276   31588   Plate, Muffler locking     276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as required)  |       |             |     |   |
| 276   35741   Plate, Muffler locking     277   650729   Screw, 5/16-18 x 3-3/16" (Use as required)   |       |             |     |   |
| 277 650729 Screw, 5/16-18 x 3-3/16" (Use as required)  |       |             |     |   |
|  |       |             |     |   |
| $\sim 1000000000000000000000000000000000000$   |       |             |     |   |
| , , , , , , , , , , , , , , , , , , ,  |       |             |     | Screw, 5/16-18 x 4-1/4" (Use as required)                 |
| 281 33013 Cover, Starter bubble  | 281   | 33013       |     | Cover, Starter Dubble                                     |

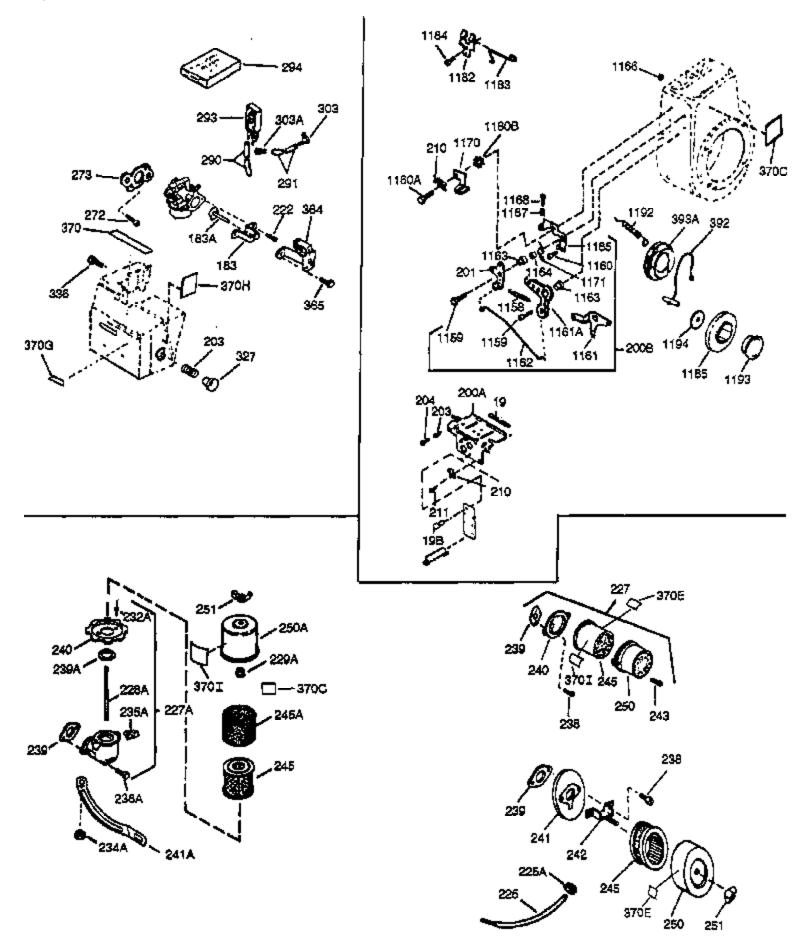
## HM100-159090C Engine Parts List #1

|       |          | Qty Description   |
|-------|----------|---|
|       | 650760   | Screw, 8-32 x 7/16"   |
|       | 33662    | Hub & Screen Assy.  |
| 287   | 29752    | Nut, 1/4-28   |
| 290   | 29774    | Fuel Line (Braided 8-1/4")(21cm)(As r equired)                |
| 290   | 30962    | Fuel Line (Braided 32")(80cm)(As requ ired)                   |
| 291   | 30705    | Fuel Line (Braided 16")(40cm)(As requ ired)                   |
| 292   | 26460    | Fuel Line Clamp (Use as required)                             |
| 298   | 650665   | Screw, 1/4-15 x 7/8"  |
| 300   | 34156A   | Fuel Tank (Incl. 292 & 301) NOTE: These tanks were            |
|       |          | builtwith different size fuel inlet openings. Tanks with the  |
|       |          | 1-3/16" I.D. opening use fuel cap 34210. Tanks with the       |
|       |          | 1-1/2" I.D. opening use fuel cap 35355.                       |
| 3010  | 410144B  | Fuel Cap (White Plastic)(Standard) (Use as required) (1.5"    |
| 001/1 |          | I.D.)   |
|       |          |   |
| 301A  | 33032    | Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as |
|       |          | required) (1.5" I.D.)   |
| 301A  | 34210    | Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use   |
|       |          | as required) (1.5" I.D.)                                      |
| 201 0 | 35355    | Fuel Cap (Red Plastic)(1.75" I.D.)                            |
|       | 33893A   | Oil Fill Tube   |
|       | 29673    | * Gasket, Oil filler  |
|       | 33590    | "O" Ring  |
|       | 31297    | Dipstick (Incl. 307)  |
|       | 34011A   | Dipstick (Incl. 307)  |
|       | 35941    | Dipstick (Incl. 306)  |
|       | 31291    | Plug, Cover   |
|       | 34154    | Plate, Upper fuel tank mtg.                                   |
|       | 34155    | Bracket, Lower fuel tank mtg.                                 |
|       | 650561   | Screw, 1/4-20 x 5/8"  |
|       | 34686    | Decal, Name   |
|       | 33962    | Decal, Control  |
|       | 34346    | Decal, Instruction  |
|       | 35274    | Decal, Instruction  |
|       | 631021   | Inlet Needle, Seat & Clip Assy.                               |
|       | 632242   | Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A, |
| 500   | 0.522-72 | page A4-4 for breakdown or Fiche 18B, Grid D-3)               |
| 400   | 33279G   | * Gasket Set (Incl. items marked *)                           |
|       | 730225   | SAE 30 4-Cycle Engine Oil (Quart)                             |
|       | 730226   | SAE 5W30 4-Cycle Engine Oil (Quart)                           |
|       | 35824    | Muffler Optional  |
|       |          |   |

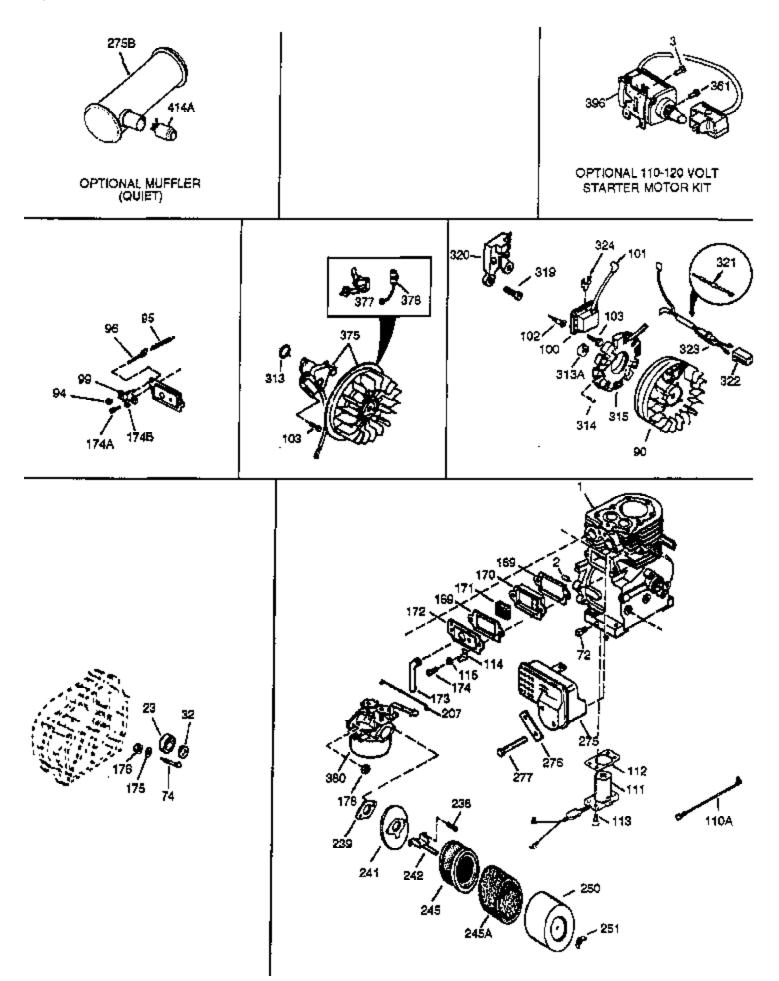


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|       |                 | / Description   |
|-------|-----------------|---|
|       | 30322           | Nut & Lockwasher, 8-32  |
|       | 650727          | Screw, 5/16-18 x 1-3/4 (Use as requir ed)                     |
|       | 650737          | Screw, 1/4-20 x 1/2" (Use as required )                       |
| 131   | 650738          | Screw, 1/4-20 x 5/8 (Use as required)                         |
| 131A  | 650713          | Screw, 5/16-18 x 5/8"   |
| 222A  |                 | Pop Rivet (Can be purchased locally)                          |
| 250B  | 33269A          | Cover, Air cleaner  |
| 274   | 35865           | Gasket, Exhaust   |
| 275   | 33280A          | Muffler   |
| 277   | 650729          | Screw, 5/16-18 x 3-3/16" (Use as requ ired)                   |
| 277   | 651002          | Screw, 5/16-18 x 4-1/4" (Use as required)                     |
| 285A  | 33662           | Hub & Screen Assy.  |
|       | 29774           | Fuel Line (Braided 8-1/4")(21cm)(As r equired)                |
|       | 30962           | Fuel Line (Braided 32")(80cm)(As required)                    |
|       | 26460           | Fuel Line Clamp (Use as required)                             |
|       | 650665          | Screw, 1/4-15 x 7/8"  |
|       | 34156A          | Fuel Tank (Incl. 292 & 301) NOTE: These tanks were            |
|       |                 | builtwith different size fuel inlet openings. Tanks with the  |
|       |                 | 1-3/16" I.D. opening use fuel cap 34210. Tanks with the       |
|       |                 | 1-1/2" I.D. opening use fuel cap 35355.                       |
|       |                 |   |
| 301A  | 410144B         | Fuel Cap (White Plastic)(Standard) (Use as required) (1.5"    |
|       |                 | I.D.)   |
| 301A  | 33032           | Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as |
| 00177 |                 | required) (1.5" I.D.)   |
|       |                 |   |
| 301A  | 34210           | Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use   |
|       |                 | as required) (1.5" I.D.)                                      |
| 3014  | 35355           | Fuel Cap (Red Plastic)(1.75" I.D.)                            |
|       | 29673           | * Gasket, Oil filler  |
| 310B  |                 | Dipstick (Incl. 306)  |
| 338A  |                 | Plug, Cover   |
|       | 34155           | Bracket, Lower fuel tank mtg.                                 |
|       | 650561          | Screw, 1/4-20 x 5/8"  |
|       | 33323           | Opt.Muffler Screen (Mini-Bike applica tion)                   |
|       | 730130          |   |
|       | 33700           | Kit, Exhaust adapter (Incl. 274 & 277)                        |
|       |                 | Cover & Tube, Muffler (use as require d)                      |
|       | 650578          | Screw, 8-18 x 3/8" (use as required)                          |
|       | 730226<br>35824 | SAE 5W30 4-Cycle Engine Oil (Quart)<br>Muffler Optional       |
|       | 45× //I         |   |



|  |   | Qty Description   |
|--|---|---|
| 129<br>131A<br>131<br>131<br>200B<br>203<br>204<br>222A                        | 30322<br>650727<br>650713<br>650737<br>650738<br>730152<br>31342<br>650549<br>730127                        | Nut & Lockwasher, 8-32<br>Screw, 5/16-18 x 1-3/4 (Use as required)<br>Screw, 5/16-18 x 5/8"<br>Screw, 1/4-20 x 1/2" (Use as required )<br>Screw, 1/4-20 x 5/8 (Use as required)<br>Control Bracket (Incl.1158-1171)(As r eq.)<br>Spring, Compression<br>Screw, 5-40 x 7/16"<br>Pop Rivet (Can be purchased locally)<br>Air Cleaner Ass'y. (Incl. 238, 239, 242, 246, 250) (Use as<br>required)  |
| 239<br>241<br>242<br>245<br>250B<br>251<br>285A<br>290<br>290<br>291           | 28820<br>27272A<br>33266<br>33267<br>33268<br>33269A<br>650513<br>33662<br>29774<br>30962<br>30705<br>33715 | Screw, 10-32 x 1/2"<br>* Gasket, Air cleaner<br>Bracket, Air cleaner<br>Bracket, Air cleaner<br>Element, Air cleaner<br>Cover, Air cleaner<br>Nut, Wing 1/4-20<br>Hub & Screen Assy.<br>Fuel Line (Braided 8-1/4")(21cm)(As r equired)<br>Fuel Line (Braided 32")(80cm)(As requ ired)<br>Fuel Line (Braided 16")(40cm)(As requ ired)<br>Impulse Fuel Pump NOTE: 34385 and 33715 (WIP)pumps<br>are replaced by 35813 and 35800 (WIP) pumps. The 33010<br>(3000 series) repair kit is still available. The 35791 repair kit<br>is used with the 35813 and 35800 fuel pumps. |
| 294  | 35791   | Fuel Pump Repair Kit NOTE: 34385 and 33715 (WIP)pumps<br>are replaced by 35813 and 35800 (WIP) pumps. The 33010<br>(3000 series) repair kit is still available. The 35791 repair kit<br>is used with the 35813 and 35800 fuel pumps.  |
| 301A   | 410144B   | Fuel Cap (White Plastic)(Standard) (Use as required) (1.5"<br>I.D.)   |
| 301A   | 33032   | Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as required) (1.5" I.D.)   |
| 301A   | 34210   | Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use as required) (1.5" I.D.)  |
| 303<br>306<br>310B<br>338A<br>370<br>370<br>421<br>422<br>1159<br>1160<br>1160 |   | Fuel Cap (Red Plastic)(1.75" I.D.)<br>Fitting, Fuel<br>* Gasket, Oil filler<br>Dipstick (Incl. 306)<br>Plug, Cover<br>Decal, Instruction<br>Decal, Instruction<br>SAE 5W30 4-Cycle Engine Oil (Quart)<br>Muffler Optional<br>Screw, 10-32 x 1/2"<br>Screw, 10-32 x 1/2"<br>Lockwasher<br>Hub & Screen Assy.   |



| Ref #       | Part Number ( | Qty | Description   |
|-------------|---------------|-----|---|
| 1           | 34922A        |     | Cylinder (CI liner)(3-5/16")(Incl.2,2 0 & 72)                 |
| 2           | 27652         |     | Pin, Dowel  |
| 37A         | 30322         |     | Nut & Lockwasher, 8-32  |
| 72          | 27642         |     | Plug, Oil drain   |
| 103         | 650489        |     | Screw, 1/4-20 x 5/8"  |
| 129         | 650727        |     | Screw, 5/16-18 x 1-3/4 (Use as requir ed)                     |
| 131         | 650737        |     | Screw, 1/4-20 x 1/2" (Use as required )                       |
| 131         | 650738        |     | Screw, 1/4-20 x 5/8 (Use as required)                         |
|             | 650713        |     | Screw, 5/16-18 x 5/8"   |
|             | 27896A        |     | * Gasket, Breather  |
|             | 28423         |     | Body, Breather  |
|             | 28424         |     | Element, Breather   |
|             | 28425         |     | Cover, Breather   |
|             | 35350         |     | Tube, Breather  |
|             | 650128        |     | Screw, 10-24 x 1/2"   |
|             | 29752         |     | Nut & Lockwasher, 1/4-28                                      |
|             | 33878         |     | Link, Governor lever-to-throttle                              |
| 207<br>222A | 55070         |     | •   |
|             | 28820         |     | Pop Rivet (Can be purchased locally)                          |
|             | 28820         |     | Screw, 10-32 x 1/2"   |
|             | 27272A        |     | * Gasket, Air cleaner   |
|             | 33266         |     | Bracket, Air cleaner  |
|             | 33267         |     | Bracket, Air cleaner  |
|             | 33268         |     | Element, Air cleaner  |
|             | 33269A        |     | Cover, Air cleaner  |
|             | 650513        |     | Nut, Wing 1/4-20  |
|             | 33280A        |     | Muffler   |
| 275B        | 391026        |     | Muffler (Incl. 284, 284A & 416) (This spark arrester          |
|             |               |     | mufflercan be used on any model.)                             |
| 276         | 31588         |     | Plate, Muffler locking  |
|             | 35741         |     | Plate, Muffler locking  |
|             | 650729        |     | Screw, 5/16-18 x 3-3/16" (Use as required)                    |
|             | 651002        |     | Screw, 5/16-18 x 4-1/4" (Use as required)                     |
|             | 33662         |     |   |
|             | 410144B       |     | Hub & Screen Assy.  |
| 301A        | 410144D       |     | Fuel Cap (White Plastic)(Standard) (Use as required) (1.5"    |
|             |               |     | I.D.)   |
| 301A        | 33032         |     | Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as |
|             |               |     | required) (1.5" I.D.)   |
| 201 4       | 24240         |     | Fuel Can (Dad Plastic) (Cruit Desistant Uich Drofile) (Use    |
| 301A        | 34210         |     | Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use   |
|             |               |     | as required) (1.5" I.D.)                                      |
| 301A        | 35355         |     | Fuel Cap (Red Plastic)(1.75" I.D.)                            |
|             | 29673         |     | * Gasket, Oil filler  |
|             | 35941         |     | Dipstick (Incl. 306)  |
|             | 33876         |     | Gasket, Stator (Used only on Std. poi nt ign.)                |
|             | 31291         |     | Plug, Cover   |
|             | 610842        |     | Magneto NOTE: The complete magneto is not available as        |
| 5/5         | 010042        |     | an assembly. Themagneto number is shown for reference         |
|             |               |     |   |
|             |               |     | purpose only. Order component parts individually, as shown    |
|             |               |     | in parts list. (Refer to Division 5, Section B, page 28 for   |
|             |               |     | breakdown or Fiche 18B, Grid F-1)                             |
| 377         | 30547A        |     | Breaker Points (Use with Std. point i gn.)                    |
|             | 30548B        |     | Condenser   |
|             | 632242        |     | Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A, |
| 500         |               |     | page A4-4 for breakdown or Fiche 18B, Grid D-3)               |
|             |               |     |   |
|             | 730226        |     | SAE 5W30 4-Cycle Engine Oil (Quart)                           |
| 422         | 35824         |     | Muffler Optional  |
|             |               |     |   |