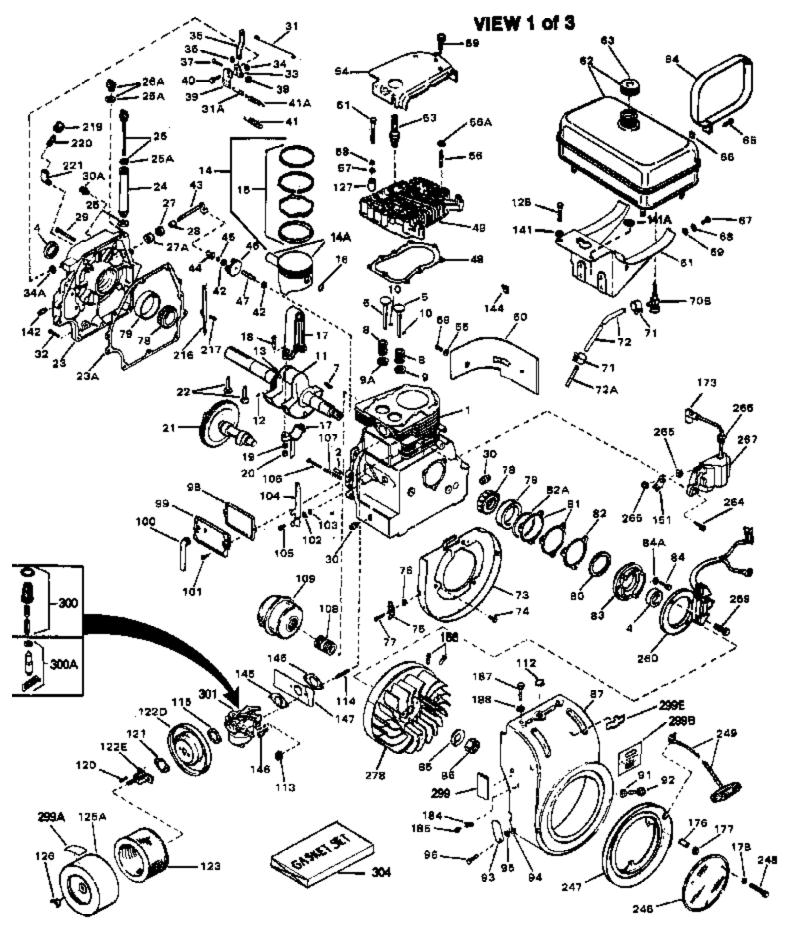
## ILLUSTRATION SHOWS TYPICAL PARTS ONLY, ORDER BY PART NUMBER, PARTS NOT LISTED ARE SUPPLIED BY DEM.

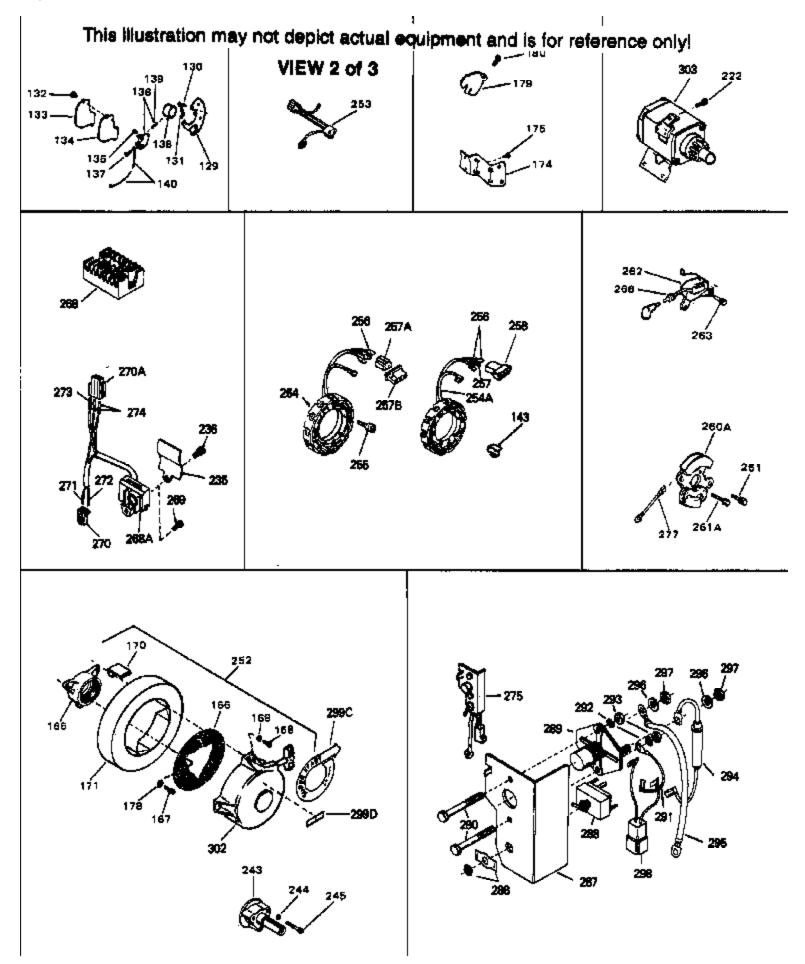


| Ref # Part Number       | Qty Description  |
|-------------------------|--|
| 1 33042                 | Cylinder (Incl. 2, 4, 30 & 47) (3-1/2 " Bore)                          |
| 2 27652                 | Pin, Dowel   |
| 4 31950                 | Seal, Oil  |
| 5 31940                 | Intake Valve (Std.)  |
| 5 31941                 | Intake Valve (1/32" OS) (Incl. 9)                                      |
| 6 31942                 | Exhaust Valve (Std.)   |
| 6 31943                 | Exhaust Valve (1/32" OS) (Incl. 9)                                     |
| 7 650592                | Key, Flywheel  |
| 8 31944                 | Spring, Valve  |
| 9A 31945                | Cap, Lower valve spring (Std.)   |
| 9A 31946                | Cap, Lower valve spring (1/32" OS)                                     |
| 9 31946                 | Cap, Lower valve spring (1/32" OS)                                     |
| 9 31945                 | Cap, Lower valve spring (Std.)   |
| 10 20810                | Pin, Valve spring retainer   |
| 11 33497C               | Crankshaft (Incl. 12,13,78,79,209,210 & 211)                           |
| 12 29783                | Pin, Crankshaft gear   |
| 13 31931                | Gear, Crankshaft   |
| 14A 32238B              | Piston & Pin Ass'y. (Std.)(Incl.16)(3 -1/2")                           |
| 14A 32239B              | Piston & Pin Ass'y. (.010" OS) (Incl. 16)                              |
| 14A 32240B              | Piston & Pin Ass'y. (.020" OS) (Incl. 16)                              |
| 14A 32621B              | Piston & Pin Ass'y. (.030" OS) (Incl. 16)                              |
| 14A 32622B              | Piston & Pin Ass'y. (.040" OS) (Incl. 16)                              |
| 14 34511                | Piston, Pin & Ring Set (Std.) (3-1/2" Bore)                            |
| 14 34512                | Piston, Pin & Ring Set (.010" OS)                                      |
| 14 34513                | Piston, Pin & Ring Set (.020" OS)                                      |
| 14 34524                | Piston, Pin & Ring Set (.030" OS)                                      |
| 14 34525                | Piston, Pin & Ring Set (.040" OS)                                      |
| 15 32241                | Ring Set (Std.) (3-1/2" Bore)  |
| 15 32242                | Ring Set (.010" OS)  |
| 15 32243                | Ring Set (.020" OS)  |
| 15 32625                | Ring Set (.030" OS)  |
| 15 32626                | Ring Set (.040" OS)  |
| 15 32336                | Re-Ringing Set, Piston   |
| 16 31919<br>17 33093A   | Ring, Piston pin retaining   |
| 17 33093A               | Connecting Rod Ass'y.(Std.)(Incl.18, 19 & 20)                          |
|                         | Connecting Rod Assy.(.010" US)(Incl.1 8,19,20)                         |
| 17 34384<br>18 32077    | Connecting Rod Assy.(.020" US)(Incl.1 8,19,20)<br>Bolt, Connecting rod |
| 19 26073                | Washer, Connecting rod   |
| 20 28264                | Nut Assy., Lock  |
| 20 20204                | Camshaft (MCR)   |
| 22 31939                | Lifter, Valve  |
| 23 34002A               | Cover, Cylinder (Incl. 4, 30, 119 & 2 13)                              |
| 23 34002A<br>23A 31956A | * Gasket, Cylinder cover   |
| 24 33893A               | Oil Fill Tube  |
| 25A 33590               | "O" Ring   |
| 26 33984A               | Dipstick (Incl. 25A)   |
| 28 32426                | Spacer, Governor rod   |
| 29 650492               | Screw, 1/4-20 x 2-1/4"   |
| 30 31927                | Oil Drain Plug   |
| 30 31927<br>30A 28534   | Oil Drain Plug   |
| 31 31968                | Link, Governor   |
| 32 650451               | Screw, 1/4-20 x 1"   |
| 33 31964                |  |
| 33 31904 34 29193       | Clamp, Governor lever<br>Bing, Retaining                               |
|                         | Ring, Retaining  |
| 35 31963                | Lever, Governor adjusting  |
| 36 650518<br>37 650544  | Lockwasher<br>Scrow 10-24 x 7/8"                                       |
| 37 650544               | Screw, 10-24 x 7/8"  |

| 38 7975 Nut, 10-24   39 31966 Plate, Governor spring   40 30312 Screw, 10-32 x 1/2"   41 31967 Spring, Governor   42 30502 Rod Assy, Governor   43 32425 Rod Assy, Governor   44 31944 Spool, Governor   45 21913 Ring, Retaining   46 31947 Gasket, Cylinder head   47 31330 Sheft, Mochanical Governor   48 32249A * Gasket, Cylinder head   49 33034 Head, Cylinder   48 Screw, 5/16-18 x 1-35" (Use as required) 5   51 650671 Screw, 5/16-18 x 1-34" (Use as required)   51 650628A Screw, 5/16-18 x 1-34" (Use as required)   51 650682 Screw, 5/16-18 x 1-34" (Use as required)   51 650682 Screw, 5/16-18 x 1-34" (Use as required)   51 650682 Screw, 5/16-18 x 1-34" (Use as required)   51 650682 Screw, 5/16-18 x 1-34" (Use as required)   51 650682 Screw, 5/16-18 x 1-34" (Use as required)   |    | Part Number | Qty | Description  |
|--|----|-------------|-----|--|
| 40   30312   Screw, 10-32 x 1/2"     41   31967   Spring, Governor     42   30425   Rod Assy, Governor     43   31948   Spool, Governor     44   31948   Spool, Governor     45   29193   Ring, Retaining     46   31947   Gear Assy, Governor     47   31330   Shaft, Mechanical Governor     48   32246A   " Gaster, Cylinder Ihead     49   33034   Head, Cylinder     51   650634A   Screw, 516-18 x 2-30" (Use as required)     51   650628A   Screw, 516-18 x 2-314" (Use as required)     51   650697A   Screw, 516-18 x 2-34" (Use as required)     51   650692   Screw, 516-18 x 2-34" (Use as required)     51   650692   Screw, 516-18 x 2-34" (Use as required)     53   32636   Resistor Spark Plug (R-47LM)     53   32636   Resistor Spark Plug (R-42C)     53   32636   Cover, Cylinder head     52   2537   Washer, Flat (Use as required)     54   | 38 | 7975        |     | Nut, 10-24   |
| 40   30312   Screw, 10-32 x 1/2"     41   31967   Spring, Governor     42   30500A   Washer, Flat     43   32425   Rod Assy, Governor     44   31948   Spool, Governor     45   29133   Ring, Retaining     46   31947   Gear Assy, Governor     47   31330   Shaft, Mechanical Governor     48   32246A   " Gastek, Cylinder Ihead     49   33034   Head, Cylinder     51   650084A   Screw, 516-18 x 2-36" (Use as required)     51   650085A   Screw, 516-18 x 1-56" (Use as required)     51   650087A   Screw, 516-18 x 2-314" (Use as required)     51   650697A   Screw, 516-18 x 2-314" (Use as required)     51   650692   Screw, 516-18 x 1-34" (Use as required)     51   650692   Screw, 516-18 x 1-34" (Use as required)     53   3636   Resistor Spark Plug (R-47LM)     53   3035   Cover, Cylinder head     52   2337   Washer, Flat (Use as required)     54  | 39 | 31965       |     | Plate, Governor spring   |
| 41 31967 Spring, Governor   42 30590A Washer, Flat   43 32425 Rod Assy, Governor   44 31948 Spool, Governor   45 29193 Ring, Retaining   46 31947 Gear Assy, Governor   47 31930 Shaft, Mechanical Governor   48 32246A "Gasket, Cylinder head   49 30334 Head, Cylinder   51 650694A Screw, 5/16-18 x 2" (Use as required)   51 650695A Screw, 5/16-18 x 2-18" (Use as required)   51 650695A Screw, 5/16-18 x 2-14" (Use as required)   51 650695A Screw, 5/16-18 x 2-14" (Use as required)   51 650697A Screw, 5/16-18 x 54" (Use as required)   51 650632 Screw, 5/16-18 x 54" (Use as required)   51 650632 Screw, 5/16-18 x 54" (Use as required)   53 3365 Cover, Screw, 5/16-18 x 54" (Use as required)   53 33255 Cover, 6/16-18 x 54" (Use as required)   54 3335 Cover, 6/16-18 x 54" (Use as required)   56 56051 Screw, 14  |    |             |     |  |
| 42 30590A Washer, Flat   43 31948 Spool, Governor   44 31948 Spool, Governor   45 23193 Ring, Retaining   46 31947 Gear Assy., Governor   47 31930 Shaft, Mechanical Governor   48 32246A "Gasket, Cylinder head   49 33034 Head, Cylinder   51 650094A Screw, 5/16-18 x 1-5/8' (Use as required)   51 650084A Screw, 5/16-18 x 2-1/4'' (Use as required)   51 6500950A Screw, 5/16-18 x 1-2/8' (Use as required)   51 6500957A Screw, 5/16-18 x 1-3/4'' (Use as required)   51 6500967A Screw, 5/16-18 x 1-3/4'' (Use as required)   51 650092 Screw, 5/16-18 x 1-3/4'' (Use as required)   51 6500803 Screw, 5/16-18 x 1-3/4'' (Use as required)   51 6500803 Screw, 5/16-18 x 1-3/4'' (Use as required)   53 34251 Resistor Spark Plug (R-17LM)   54 33035 Cover, Cylinder head   52 8537 Washer, Flat (Use as required)   56 Screw, 16-20 x 27/32'   |    |             |     |  |
| 43 32425 Rod Assy, Governor   44 31947 Gear Assy, Governor   45 29193 Ring, Retaining   46 31947 Gear Assy, Governor   47 31930 Shaft, Mechanical Governor   48 32246A "Gasket, Cylinder head   49 30334 Head, Cylinder   49 30334 Head, Cylinder   51 650628A Screw, 5/16-18 x 2/16/ Use as required)   51 650628A Screw, 5/16-18 x 2-18/ Use as required)   51 650628A Screw, 5/16-18 x 2-18/ Use as required)   51 650697A Screw, 5/16-18 x 2-18/ Use as required)   51 650697A Screw, 5/16-18 x 2-18/ Use as required)   51 650697A Screw, 5/16-18 x 2-18/ Use as required)   51 650603 Resistor Spark Plug (R-17LM)   53 33036 Resistor Spark Plug (R-17LM)   53 33035 Cover, Oyinder head   52 25537 Washer, Flain Use as required)   54 650128 Screw, 10-24 x 12"   63 31976 Extension, Blower housing  |    |             |     |  |
| 44 31948 Spool, Governor   45 29193 Ring, Retaining   46 31947 Gear Assy., Governor   47 31830 Shaft, Mechanical Governor   48 32246A "Gasket, Oylinder head   49 33034 Head, Cylinder   51 650094A Screw, 5/16-18 x 27 (Use as required)   51 650028A Screw, 5/16-18 x 2-3/87 (Use as required)   51 650036A Screw, 5/16-18 x 2-1/47 (Use as required)   51 650097A Screw, 5/16-18 x 2-1/47 (Use as required)   51 650097A Screw, 5/16-18 x 5/16/10 (Sa as required)   51 650097A Screw, 5/16-18 x 5/16/10 (Sa as required)   51 650097A Screw, 5/16-18 x 5/16/10 (Sa as required)   51 650097A Screw, 5/16-18 x 5/16/10 (Sa as required)   53 34251 Resistor Spark Plug (R-17LM)   54 33035 Cover, Cylinder head   52 S537 Washer, Flat (Use as required)   56 650930 Washer, Elecliville (White Plastic)(Study (Ar equired)   58 S574 Washer, Elecliville (White Plastic)(Study (Ar equired)  |    |             |     |  |
| 45 29193 Ring, Retaining   46 31947 Gear Assy, Covernor   47 31930 Shaft, Mechanical Governor   48 32246A * Gasket, Cylinder head   49 33034 Head, Cylinder   51 650694A Screw, 5716-18 x 2* 168" (Use as required)   51 650711 Screw, 5716-18 x 2-38" (Use as required)   51 650692A Screw, 5716-18 x 2-14" (Use as required)   51 650695A Screw, 5716-18 x 2-14" (Use as required)   51 650697A Screw, 5716-18 x 2-14" (Use as required)   51 650692 Screw, 5716-18 x 1-34" (Use as required)   51 650692 Screw, 5716-18 x 1-34" (Use as required)   53 33336 Resistor Spark Plug (RJ-17LM)   53 33251 Resistor Spark Plug (RJ-17LM)   54 33036 Cover, Cylinder head   56 650690 Washer, Flai (Use as required)   56 650500 Washer, Idea as required)   56 650620 Washer, Idea as required)   56 Screw, 10-24 x 12" Screw, 10-24 x 12"   56 Screw, 1   |    |             |     |  |
| 46   31947   Gear Assy, Cövemor     47   31930   Shaft, Mechanical Governor     48   32246A   "Gasket, Cylinder head     49   33034   Head, Cylinder head     49   33034   Head, Cylinder head     51   650094A   Screw, 5716-18 x 1-58" (Use as required)     51   650711   Screw, 5716-18 x 2-14" (Use as required)     51   650695A   Screw, 5716-18 x 2-14" (Use as required)     51   650697A   Screw, 5716-18 x 2-14" (Use as required)     51   650697A   Screw, 5716-18 x 2-14" (Use as required)     51   650603   Screw, 5716-18 x 1-34" (Use as required)     51   650603   Screw, 5716-18 x 1-34" (Use as required)     53   33636   Resistor Spark Plug (RJ-HTM)     53   33035   Cover, Cylinder head     52   28537   Washer, Plain     56   650690   Washer, Belleville (Use as required)     58   8274   Washer, Belleville (Use as required)     58   8274   Washer, Belleville (Use as required)     57 <td< td=""><td></td><td></td><td></td><td>•</td></td<>  |    |             |     | •  |
| 47 31930 Shaft, Meichanical Governor   48 32246A " Gasket, Qilinder head   49 33034 Head, Cylinder   51 650094A Sortew, 5/16-18 x 2' (Use as required)   51 6500711 Sortew, 5/16-18 x 2-3/3'' (Use as required)   51 650074 Sortew, 5/16-18 x 2-3/3'' (Use as required)   51 650074 Sortew, 5/16-18 x 2-3/3'' (Use as required)   51 6500655 Sortew, 5/16-18 x 1-5/8'' (Use as required)   51 6500657 Sortew, 5/16-18 x 1-3/4'' (Use as required)   51 650062 Sortew, 5/16-18 x 1-3/4'' (Use as required)   53 35336 Resistor Spark Plug (RJ-JZL)   53 3305 Cover, Cylinder head   54 33035 Cover, Ovinder head   56 26501 Washer, Plain   57 650680 Washer, Bleville (Use as required)   58 650128 Sortew, 10-24 x 1/2''   60 31976 Extension, Blower housing   61 Sortew, 14-20 x 27/32'' (Use as required)   63 Sortew, 14-20 x 27/32'' (Use as required)   67 650561   |    |             |     | • •  |
| 48 32246A * Gasket, Cylinder head   49 33054 Head, Cylinder   51 650694A Screw, 5/16-18 x 2-3% (Use as required)   51 650628A Screw, 5/16-18 x 2-3% (Use as required)   51 650695A Screw, 5/16-18 x 2-3% (Use as required)   51 650697A Screw, 5/16-18 x 2-1/2* (Use as required)   51 650697A Screw, 5/16-18 x 2-1/2* (Use as required)   51 650697A Screw, 5/16-18 x 2-1/2* (Use as required)   53 34251 Resistor Spark Plug (RU-8C)   53 33656 Resistor Spark Plug (RU-8C)   53 33055 Cover, Cylinder head   55 28537 Washer, Relleville (Use as required)   58 850690 Washer, Relleville (Use as required)   59 650128 Screw, 10-24 x 1/2*   60 31976 Extension, Blower housing   61 410144B Fuel Cap (White Plastic)(Stut)(As req uired)   67 650561 Screw, 1/4-20 x 5/8* (Use as required)   67 650561 Screw, 1/4-20 x 5/8* (Use as required)   67 650561 Screw, 1/4-20 x 5/8* (Use as required  |    |             |     | Gear Assy., Governor   |
| 49 33034 Head, Cylinder   51 650694A Screw, 5/16-18 x 2*1(Use as required)   51 6500226A Screw, 5/16-18 x 2+147 (Use as required)   51 6500256A Screw, 5/16-18 x 2+147 (Use as required)   51 6500714 Screw, 5/16-18 x 2+147 (Use as required)   51 6500714 Screw, 5/16-18 x 1-347 (Use as required)   51 6500692 Screw, 5/16-18 x 1-347 (Use as required)   51 6500603 Screw, 5/16-18 x 1-347 (Use as required)   53 36266 Resistor Spark Plug (RJ-17LM)   53 34251 Resistor Spark Plug (RJ-17LM)   54 33035 Cover, Cylinder head   55 25537 Washer, Flait (Use as required)   58 650690 Washer, Lock (Use as required)   58 650691 Washer, Lock (Use as required)   59 650128 Screw, 1/4-20 x 27/32" (Use as required)   59 650128 Screw, 1/4-20 x 27/32" (Use as required)   63 4210 Fuel Cap (White Plastic) (Stut resistant, High profile) (Use as required)   67 650561 Screw, 1/4-20 x 27/32" (Use as required)   67  | 47 | 31930       |     | Shaft, Mechanical Governor                                     |
| 51 650694A Screw, 5/16-18 x 2'40; Use as required)   51 650626A Screw, 5/16-18 x 2-36; Use as required)   51 650695A Screw, 5/16-18 x 2-34;   51 650697A Screw, 5/16-18 x 1-56;   51 650697A Screw, 5/16-18 x 1-56;   51 650697A Screw, 5/16-18 x 1-47;   53 30636 Resistor Spark Plug (RJ-8C)   53 33055 Cover, Cylinder head   55 28537 Washer, Flain   56 506901 Washer, Flein   58 6500690 Washer, Flein   59 650128 Screw, 1/4-20 x 12"   60 31976 Extension, Blower housing   63 4210 Fuel Cap (Mhite Plastic)(Std.)(As req uired)   67 650561 Screw, 1/4-20 x 5/8" (Use as required)   67 650561 Screw, 1/4-20 x 5/8" (Use as required)   67 730063 Screw, 1/4-20 x 5/8" (Use as required)  | 48 | 32246A      |     | * Gasket, Cylinder head  |
| 51 650694A Screw, 5/16-18 x 2'40; Use as required)   51 650626A Screw, 5/16-18 x 2-36; Use as required)   51 650695A Screw, 5/16-18 x 2-34;   51 650697A Screw, 5/16-18 x 1-56;   51 650697A Screw, 5/16-18 x 1-56;   51 650697A Screw, 5/16-18 x 1-47;   53 30636 Resistor Spark Plug (RJ-8C)   53 33055 Cover, Cylinder head   55 28537 Washer, Flain   56 506901 Washer, Flein   58 6500690 Washer, Flein   59 650128 Screw, 1/4-20 x 12"   60 31976 Extension, Blower housing   63 4210 Fuel Cap (Mhite Plastic)(Std.)(As req uired)   67 650561 Screw, 1/4-20 x 5/8" (Use as required)   67 650561 Screw, 1/4-20 x 5/8" (Use as required)   67 730063 Screw, 1/4-20 x 5/8" (Use as required)  | 49 | 33034       |     | Head, Cylinder   |
| 51 650711 Screw, 5/16-18 x 2-38" (Use as required)   51 650695A Screw, 5/16-18 x 2-314" (Use as required)   51 650714 Screw, 5/16-18 x 2-14" (Use as required)   51 650697A Screw, 5/16-18 x 2-14" (Use as required)   51 650692 Screw, 5/16-18 x 1-34" (Use as required)   53 33363 Resistor Spark Plug (R-142C)   53 34251 Resistor Spark Plug (R-147LM)   54 33035 Cover, Cylinder head   55 28537 Washer, Plain   57 650691 Washer, Plain   57 650691 Washer, Cale was required)   58 8274 Washer, Lock (Use as required)   58 8274 Washer, Lock (Use as required)   63 34210 Fuel Cap (White Plastic) (Sch) (As req uired)   63 410144B Fuel Cap (White Plastic) (Sch) (As req uired)   67 650517 Screw, 1/4-20 x 27/32" (Use as required)   68 Screw, 1/4-20 x 27/32" (Use as required) 67   67 505611 Screw, 1/4-20 x 1/2" (Use as required)   67 650512 Screw, 1/4-20 x 5/8" (Use as required  |    |             |     |  |
| 51 650628A Screw, 5/16-18 x 2-3/8" (Use as required)   51 650714 Screw, 5/16-18 x 1-3/8" (Use as required)   51 650697A Screw, 5/16-18 x 1-3/8" (Use as required)   51 650692 Screw, 5/16-18 x 1-3/8" (Use as required)   53 650603 Screw, 5/16-18 x 5/8" (Use as required)   53 33336 Resistor Spark Plug (R-17LM)   54 33035 Cover, Cylinder head   55 28537 Washer, Flat (Use as required)   58 650690 Washer, Flat (Use as required)   58 650690 Washer, Flat (Use as required)   58 650690 Washer, Cok (Use as required)   58 650690 Washer, Nellowill (Use as required)   58 650690 Washer, Nellowill (Use as required)   58 65078 Screw, 10-24 x 1/2"   60 31976 Extension, Blower housing   63 34210 Fuel Cap (Red Plastic) (Sbut resistant, High profile) (Use as required)   67 650561 Screw, 1/4-20 x 27/32" (Use as required)   67 30063 Screw, 1/4-20 x 5/8" (Use as required)   72 29774 <t< td=""><td></td><td></td><td></td><td></td></t<>   |    |             |     |  |
| 51 650695A Screw, 5/16-18 x 2-1/4" (Use as required)   51 650697A Screw, 5/16-18 x 1-3/4" (Use as required)   51 650692 Screw, 5/16-18 x 5/8" (Use as required)   51 650693 Screw, 5/16-18 x 5/8" (Use as required)   53 3636 Resistor Spark Plug (RJ-17LM)   53 34251 Resistor Spark Plug (RJ-17LM)   54 33035 Cover, Cylinder head   55 28537 Washer, Plain   57 650691 Washer, Belleville (Use as required)   58 8274 Washer, Belleville (Use as required)   59 650128 Screw, 10-24 x 1/2"   63 34210 Fuel Cap (White Plastic)(Std.)(As req uired)   63 34210 Fuel Cap (Red Plastic) (Sput resistant, High profile) (Use as required)   67 650517 Screw, 1/4-20 x 27/32" (Use as required)   67 650561 Screw, 5/16-18 x 7/8" (Use as required)   67 650561 Screw, 1/4-20 x 1/2" (Use as required)   72 20705 Fuel Line (Braided) (16") (Use as required)   73 3055 Fuel Line (Braided) (16") (Use as required)   74 <   |    |             |     |  |
| 51 650714 Screw, 5/16-18 x 1-5/8" (Use as required)   51 650692 Screw, 5/16-18 x 1-3/4" (Use as required)   53 36363 Screw, 5/16-18 x 1-3/4" (Use as required)   53 36363 Resistor Spark Plug (RJ-8C)   53 34251 Resistor Spark Plug (RJ-17LM)   54 33035 Cover, Cylinder head   52 28537 Washer, Flat (Use as required)   58 650690 Washer, Flat (Use as required)   58 650690 Washer, Flat (Use as required)   58 650768 Screw, 10-24 x 1/2"   60 31976 Extension, Blower housing   63 4210 Fuel Cap (Red Plastic) (Std.) (As req uired)   63 34210 Fuel Cap (Red Plastic) (Std.) (As req uired)   67 650517 Screw, 1/4-20 x 27/32" (Use as required)   67 30063 Screw, 1/4-20 x 27/32" (Use as required)   67 730063 Screw, 1/4-20 x 27/32" (Use as required)   67 730063 Screw, 1/4-20 x 27/32" (Use as required)   71 26400 Clamp, Fuel line (Use as required)   72 30705 Fuel Line (Braided) (8  |    |             |     |  |
| 51 650697A Screw, 5/16-18 x 2-1/2" (Use as required)   51 650692 Screw, 5/16-18 x 1-3/4" (Use as required)   53 33636 Resistor Spark Plug (RJ-RC)   53 34251 Resistor Spark Plug (RJ-TXM)   54 33035 Cover, Cylinder head   55 28537 Washer, Plain   57 650690 Washer, Flat (Use as required)   58 8274 Washer, Lock (Use as required)   59 650128 Screw, 10-24 x 1/2"   60 31976 Extension, Blower housing   63 410144B Fuel Cap (White Plastic) (StdL)(As req uired)   63 34210 Fuel Cap (Red Plastic) (Sburt resistant, High profile) (Use as required)   67 650517 Screw, 1/4-20 x 27/32" (Use as required)   67 650561 Screw, 5/16-18 x 7/8" (Use as required)   67 792028 Screw, 5/16-18 x 7/8" (Use as required)   71 26460 Clarmp, Fuel line (Use as required)   72 30705 Fuel Line (Braided) (16") (Use as required)   72 30765 Fuel Line (Braided) (16") (Use as required)   73 32579 Baffl  |    |             |     |  |
| 51650692Screw, 5/16-18 x 1-34" (Use as required)51650603Screw, 5/16-18 x 5/8' (Use as require d)5334251Resistor Spark Plug (RJ-8C)5334251Resistor Spark Plug (RJ-17LM)5433035Cover, Cylinder head5525837Washer, Plain57650691Washer, Flat (Use as required)588274Washer, Lock (Use as required)59650128Screw, 10-24 x 1/2"6031976Extension, Blower housing63410144BFuel Cap (White Plastic)(Sd) (As req uired)6334210Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)67650517Screw, 1/4-20 x 27/32" (Use as required)67650561Screw, 1/4-20 x 27/32" (Use as required)6772028Screw, 5/16-18 x 7/8" (Use as required )7229774Fuel line (Use as required )7230705Fuel line (Braided) (82") (Use as required)7230965Fuel line (Braided) (42") (Use as required)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7331932Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7531932Baffle, Blower housing7631932Baffle, Blower housing7831932Baffle, Blower housing7931928Spacer, Steel (O10" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001" up to |    |             |     |  |
| 51650603Screw, 5/16-18 x 5/8" (Use as require d)5333636Resistor Spark Plug (RJ-8C)5333035Cover, Cylinder head5433035Cover, Cylinder head57650691Washer, Flat (Use as required)588274Washer, Belleville (Use as required)59650128Screw, 10-24 x 1/2"6031976Extension, Blower housing63410144BFuel Cap (Red Plastic) (Stut) (As req uired)6334210Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)67650517Screw, 1/4-20 x 27/32" (Use as required)67650517Screw, 1/4-20 x 27/32" (Use as required)67650517Screw, 1/4-20 x 27/32" (Use as required)67792028Screw, 5/16-18 x 7/8" (Use as required)7126460Clamp, Fuel line (Use as required )7230705Fuel Line (Braided) (8:2") (Use as required)7332579Baffle, Blower housing74605611Screw, 1/4-20 x 5/8"7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7331932Baffle, Blower housing74605611Screw, 1/4-20 x 5/8"7531932Baffle, Blower housing7631932Baffle, Blower housing7731932Baffle, Blower housing7831932Baffle, Blower housing7931928Spacer, Steel (010" thick) NOTE: Determine the gap<br>between the cover and the machined s                                  |    |             |     |  |
| 53 33636 Resistor Spark Plug (RJ-8C)   53 34251 Resistor Spark Plug (RJ-17LM)   54 33035 Cover, Cylinder head   55 28537 Washer, Plain   57 650691 Washer, Belleville (Use as required)   58 650690 Washer, Lock (Use as required)   58 8274 Washer, Lock (Use as required)   60 31976 Extension, Blower housing   63 410144B Fuel Cap (White Plastic) (Std.)(As req uired)   63 34210 Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)   67 650517 Screw, 1/4-20 x 27/32" (Use as required)   67 650561 Screw, 1/4-20 x 1/2" (Use as required)   67 79028 Screw, 1/4-20 x 1/2" (Use as required)   71 26460 Clamp, Fuel line (Use as required)   72 29774 Fuel Line (Braided) (8.25") (Use as required)   72 30065 Fuel Line (Braided) (32") (Use as required)   73 32579 Baffle, Blower housing   74 650561 Screw, 1/4-20 x 5/8"   78 31932 Bearing, Tapered roller  |    |             |     |  |
| 5334251Resistor Spark Plug (RJ-17LM)5433035Cover, Cylinder head5528537Washer, Plain57650691Washer, Flat (Use as required)58650690Washer, Lock (Use as required)588274Washer, Lock (Use as required)59650128Screw, 10-24 × 1/2"6031976Extension, Blower housing63410144BFuel Cap (White Plastic)(Std.)(As req uired)6334210Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)67650517Screw, 1/4-20 x 27/32" (Use as required )6765061Screw, 1/4-20 x 5/8" (Use as required )67792028Screw, 1/4-20 x 5/8" (Use as required )7126460Clamp, Fuel line (Use as required )7230962Fuel Line (Braided) (16") (Use as req uired)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (010" thick) NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .001" up to .007" in which case no shim gaskets will be required us or spacersmust be used   | 51 | 650603      |     | Screw, 5/16-18 x 5/8" (Use as require d)                       |
| 5433035Cover, Cylinder head5528537Washer, Plain57650691Washer, Flat (Use as required)58650690Washer, Edeleville (Use as required)59650128Screw, 10-24 x 1/2"6031976Extension, Blower housing63410144BFuel Cap (White Plastic)(Std.)(As req uired)6334210Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)67650517Screw, 1/4-20 x 27/32" (Use as required )67650561Screw, 1/4-20 x 5/8" (Use as required )6730063Screw, 1/4-20 x 1/2" (Use as required )67792028Screw, 5/46-18 x 7/8" (Use as required )7229774Fuel Line (Braided) (16") (Use as required )7230705Fuel Line (Braided) (16") (Use as required )7230965Fuel Line (Braided) (32") (Use as required )7332579Baffie, Blower housing74605611Screw, 1/4-20 x 5/8"7831932Cup, Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (010" thick) NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .01" up to .00" in which case no shim gaskets will be required to a combined total of .010" thick. Steel spacersmust be used  | 53 | 33636       |     | Resistor Spark Plug (RJ-8C)                                    |
| 5433035Cover, Cylinder head5528537Washer, Plain57650691Washer, Flat (Use as required)58650690Washer, Edeleville (Use as required)59650128Screw, 10-24 x 1/2"6031976Extension, Blower housing63410144BFuel Cap (White Plastic)(Std.)(As req uired)6334210Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)67650517Screw, 1/4-20 x 27/32" (Use as required )67650561Screw, 1/4-20 x 5/8" (Use as required )6730063Screw, 1/4-20 x 1/2" (Use as required )67792028Screw, 5/46-18 x 7/8" (Use as required )7229774Fuel Line (Braided) (16") (Use as required )7230705Fuel Line (Braided) (16") (Use as required )7230965Fuel Line (Braided) (32") (Use as required )7332579Baffie, Blower housing74605611Screw, 1/4-20 x 5/8"7831932Cup, Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (010" thick) NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .01" up to .00" in which case no shim gaskets will be required to a combined total of .010" thick. Steel spacersmust be used  | 53 | 34251       |     | Resistor Spark Plug (RJ-17LM)                                  |
| 5528537Washer, Plain57650691Washer, Flat (Use as required)58650690Washer, Flat (Use as required)588274Washer, Lock (Use as required)59650128Screw, 10-24 x 1/2"6031976Extension, Blower housing63410144BFuel Cap (White Plastic)(Std.)(As req uired)6334210Fuel Cap (Red Plastic) (Sput resistant, High profile) (Use as required)67650561Screw, 1/4-20 x 27/32" (Use as required)67650561Screw, 1/4-20 x 5/8" (Use as required )67792028Screw, 1/4-20 x 5/8" (Use as required )7126460Clamp, Fuel line (Use as required)7229774Fuel Line (Braided) (8.25") (Use as required)7230962Fuel Line (Braided) (48") (Use as req uired)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick, NOTE: Determine the gap between the cover and the machined surface on the cylinder which case no shim gaskets will be required (Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used   |    |             |     | • • •  |
| 57650691Washer, Flat (Use as required)58650690Washer, Belleville (Use as required)588274Washer, Lock (Use as required)59650128Screw, 10-24 x 1/2"6031976Extension, Blower housing63410144BFuel Cap (White Plastic)(Std.)(As req uired)6334210Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)67650517Screw, 1/4-20 x 27/32" (Use as require d)67650561Screw, 1/4-20 x 5/8" (Use as required)67650561Screw, 1/4-20 x 5/8" (Use as required)67792028Screw, 1/4-20 x 1/2" (Use as required)7126460Clamp, Fuel Line (Braided) (8.25") (Use as required)7229774Fuel Line (Braided) (6.25") (Use as required)7230705Fuel Line (Braided) (32") (Use as required)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7331932Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001" up to .007" in which case no shim<br>gaskets will be required Use of gasket must be used   |    |             |     |  |
| 58650690Washer, Belleville (Use as required)588274Washer, Lock (Use as required)59650128Screw, 10-24 x 1/2"6031976Extension, Blower housing63410144BFuel Cap (White Plastic)(Std.)(As req uired)6334210Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)67650517Screw, 1/4-20 x 27/32" (Use as require d)67650561Screw, 1/4-20 x 5/8" (Use as require d)6730063Screw, 1/4-20 x 1/2" (Use as require d)67792028Screw, 5/16-18 x 7/8" (Use as require d)7126460Clamp, Fuel Line (Braided) (8.25") (Use as required)7230705Fuel Line (Braided) (8.25") (Use as required)7230965Fuel Line (Braided) (32") (Use as required)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap between the cover and the machined surface on the cylinder which case be on shim gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used  |    |             |     |  |
| 588274Washer, Lock (Use as required)59650128Screw, 10-24 × 1/2"6031976Extension, Blower housing63410144BFuel Cap (White Plastic)(Std.)(As req uired)6334210Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)67650517Screw, 1/4-20 × 27/32" (Use as required )67650561Screw, 1/4-20 × 5/8" (Use as required )6770063Screw, 1/4-20 × 1/2" (Use as required )67792028Screw, 5/16-18 × 7/8" (Use as required )67792028Screw, 5/16-18 × 7/8" (Use as required )7126460Clamp, Fuel line (Use as required )7220774Fuel Line (Braided) (8.25") (Use as required)7230705Fuel Line (Braided) (48") (Use as required)7332579Baffle, Blower housing74650561Screw, 1/4-20 × 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .001"up to .007" in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used  |    |             |     |  |
| 59650128Screw, 10-24 x 1/2"6031976Extension, Blower housing63410144BFuel Cap (White Plastic) (Std.) (As req uired)6334210Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)67650517Screw, 1/4-20 x 27/32" (Use as required)67650561Screw, 1/4-20 x 1/2" (Use as required )67792028Screw, 1/4-20 x 1/2" (Use as required )67792028Screw, 5/16-18 x 7/8" (Use as required )7126460Clamp, Fuel line (Braided) (8.25") (Use as required)7230705Fuel Line (Braided) (32") (Use as required)7230962Fuel Line (Braided) (48") (Use as required)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .001"up to .0.07" in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used  |    |             |     |  |
| 6031976Extension, Blower housing63410144BFuel Cap (White Plastic)(Std.)(As req uired)6334210Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)67650517Screw, 1/4-20 x 27/32" (Use as required)67650561Screw, 1/4-20 x 5/8" (Use as required)6730063Screw, 1/4-20 x 1/2" (Use as required)67792028Screw, 5/16-18 x 7/8" (Use as required)7126460Clamp, Fuel line (Use as required)7229774Fuel Line (Braided) (8.25") (Use as required)7230962Fuel Line (Braided) (16") (Use as req uired)7230962Fuel Line (Braided) (16") (Use as req uired)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001" up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used   |    |             |     |  |
| 63410144BFuel Cap (White Plastic)(Štd.)(As req uired)6334210Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as<br>required)67650517Screw, 1/4-20 x 27/32" (Use as required)67650561Screw, 1/4-20 x 5/8" (Use as required )67792028Screw, 1/4-20 x 1/2" (Use as required )67792028Screw, 5/16-18 x 7/8" (Use as required )7126460Clamp, Fuel line (Use as required )7229774Fuel Line (Braided) (8.25") (Use as required)7230962Fuel Line (Braided) (32") (Use as req uired)7230962Fuel Line (Braided) (48") (Use as req uired)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used  |    |             |     |  |
| 6334210Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as<br>required)67650517Screw, 1/4-20 x 27/32" (Use as required)67650561Screw, 1/4-20 x 5/8" (Use as required )6730063Screw, 1/4-20 x 1/2" (Use as required )67792028Screw, 5/16-18 x 7/8" (Use as required )7126460Clamp, Fuel line (Use as required)7229774Fuel Line (Braided) (8.25") (Use as required)7230705Fuel Line (Braided) (16") (Use as required)7230962Fuel Line (Braided) (48") (Use as required)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001" up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used  |    |             |     |  |
| required)<br>67 650517 Screw, 1/4-20 x 27/32" (Use as require d)<br>67 650561 Screw, 1/4-20 x 5/8" (Use as required )<br>67 30063 Screw, 1/4-20 x 1/2" (Use as required )<br>67 792028 Screw, 5/16-18 x 7/8" (Use as required )<br>71 26460 Clamp, Fuel line (Use as required )<br>72 29774 Fuel Line (Braided) (8.25") (Use as required)<br>72 30705 Fuel Line (Braided) (16") (Use as required)<br>72 30962 Fuel Line (Braided) (32") (Use as required)<br>73 32579 Baffle, Blower housing<br>74 650561 Screw, 1/4-20 x 5/8"<br>78 31932 Bearing, Tapered roller<br>79 31928 Cup, Bearing<br>80 32031 Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used  |    |             |     |  |
| 67650517Screw, 1/4-20 x 27/32" (Use as require d)67650561Screw, 1/4-20 x 5/8" (Use as required )6730063Screw, 1/4-20 x 1/2" (Use as required )67792028Screw, 5/16-18 x 7/8" (Use as required )7126460Clamp, Fuel line (Use as required)7229774Fuel Line (Braided) (8.25") (Use as required)7230705Fuel Line (Braided) (16") (Use as required)7230962Fuel Line (Braided) (48") (Use as required)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Cup, Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001" up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used  | 63 | 34210       |     | Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as |
| 67650561Screw, 1/4-20 x 5/8" (Use as required )6730063Screw, 1/4-20 x 1/2" (Use as required )67792028Screw, 5/16-18 x 7/8" (Use as required )7126460Clamp, Fuel line (Use as required)7229774Fuel Line (Braided) (8.25") (Use as r equired)7230705Fuel Line (Braided) (16") (Use as required)7230962Fuel Line (Braided) (32") (Use as req uired)7230965Fuel Line (Braided) (48") (Use as req uired)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used  |    |             |     | required)  |
| 67650561Screw, 1/4-20 x 5/8" (Use as required )6730063Screw, 1/4-20 x 1/2" (Use as required )67792028Screw, 5/16-18 x 7/8" (Use as required )7126460Clamp, Fuel line (Use as required)7229774Fuel Line (Braided) (8.25") (Use as r equired)7230705Fuel Line (Braided) (16") (Use as required)7230962Fuel Line (Braided) (32") (Use as req uired)7230965Fuel Line (Braided) (48") (Use as req uired)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used  | 67 | 050547      |     |  |
| 6730063Screw, 1/4-20 x 1/2" (Use as required )67792028Screw, 5/16-18 x 7/8" (Use as required )7126460Clamp, Fuel line (Use as required)7229774Fuel Line (Braided) (8.25") (Use as required)7230705Fuel Line (Braided) (32") (Use as required)7230962Fuel Line (Braided) (32") (Use as required)7230965Fuel Line (Braided) (32") (Use as required)7332579Baffle, Blower housing746505611Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used   |    |             |     |  |
| 67792028Screw, 5/16-18 x 7/8" (Use as required)7126460Clamp, Fuel line (Use as required)7229774Fuel Line (Braided) (8.25") (Use as required)7230705Fuel Line (Braided) (16") (Use as required)7230962Fuel Line (Braided) (32") (Use as required)7230965Fuel Line (Braided) (48") (Use as required)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>   |    |             |     |  |
| 7126460Clamp, Fuel line (Use as required)7229774Fuel Line (Braided) (8.25") (Use as required)7230705Fuel Line (Braided) (16") (Use as required)7230962Fuel Line (Braided) (32") (Use as required)7230965Fuel Line (Braided) (48") (Use as required)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used  |    |             |     |  |
| 7229774Fuel Line (Braided) (8.25") (Use as r equired)7230705Fuel Line (Braided) (16") (Use as req uired)7230962Fuel Line (Braided) (32") (Use as req uired)7230965Fuel Line (Braided) (48") (Use as req uired)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used   | 67 | 792028      |     | Screw, 5/16-18 x 7/8" (Use as require d)                       |
| 7230705Fuel Line (Braided) (16") (Use as req uired)7230962Fuel Line (Braided) (32") (Use as req uired)7230965Fuel Line (Braided) (48") (Use as req uired)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used  | 71 | 26460       |     | Clamp, Fuel line (Use as required)                             |
| 7230705Fuel Line (Braided) (16") (Use as req uired)7230962Fuel Line (Braided) (32") (Use as req uired)7230965Fuel Line (Braided) (48") (Use as req uired)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used  | 72 | 29774       |     | Fuel Line (Braided) (8.25") (Use as r equired)                 |
| 7230962Fuel Line (Braided) (32") (Use as req uired)7230965Fuel Line (Braided) (48") (Use as req uired)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used   | 72 | 30705       |     |  |
| 7230965Fuel Line (Braided) (48") (Use as required)7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used   |    |             |     |  |
| 7332579Baffle, Blower housing74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used   |    |             |     |  |
| 74650561Screw, 1/4-20 x 5/8"7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used  |    |             |     |  |
| 7831932Bearing, Tapered roller7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used  |    |             |     |  |
| 7931928Cup, Bearing8032031Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used  |    |             |     |  |
| 80 32031 Spacer, Steel (.010" thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used   |    |             |     |  |
| between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used   |    |             |     | Cup, Bearing   |
| between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used   | 80 | 32031       |     | Spacer, Steel (.010" thick) NOTE: Determine the gap            |
| which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used   |    |             |     |  |
| gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used   |    |             |     |  |
| combined total of .010" thick. Steel spacersmust be used   |    |             |     |  |
|  |    |             |     |  |
| as required  |    |             |     | •  |
|  |    |             |     |  |

| 81 31971                 | Qty Description<br>* Gasket, Shim (.004/.005 thick) NOTE: Determine the gap  |
|--------------------------|--|
|                          | between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used<br>as req   |
| 82 31972                 | * Gasket, Shim (.005/.007 thick) NOTE: Determine the gap<br>between the cover and the machined surface on the cylinder<br>which can be from .001"up to .007" in which case no shim<br>gaskets will be required. Use of gasket must be limited to a<br>combined total of .010" thick. Steel spacersmust be used<br>as req             |
| 82A 32599<br>83 32577    | "O" Ring<br>Cover, Cylinder NOTE: Determine the gap between the cover<br>and the machined surface on the cylinder which can be from<br>.001"up to .007" in which case no shim gaskets will be<br>required. Use of gasket must be limited to a combined total<br>of .010" thick. Steel spacersmust be used as required to<br>eliminat |
| 84A 650679               | Lockwasher, 5/16" (Use as required)  |
| 84 792028<br>85 650615   | Screw, 5/16-18 x 7/8"<br>Washer, Flat  |
| 86 650616                | Nut, Flywheel, 3/4-16  |
| 87 33044A                | Blower Hsg. (Incl.73) (For electric s tarter)  |
| 91 8274                  | Washer, Lock   |
| 92 650595<br>95 8274     | Screw, 5/16-24 x 3/8"<br>Washer, Lock  |
| 96 650624                | Screw, 5/16-24 x 9/16"   |
| 98 31958                 | * Gasket, Breather   |
| 99 31957                 | Breather Assy.   |
| 100 35350<br>101 650128  | Tube, Breather   |
| 102 28558                | Screw, 10-24 x 1/2"<br>Washer, Wave  |
| 103 31966                | Bushing, Control lever   |
| 104 31984A               | Lever, Control   |
| 105 650597               | Screw, 10-24 x 5/8"  |
| 106 650591<br>107 33099  | Screw, 10-24 x 2"<br>Spring  |
| 108 32808                | Nipple, Exhaust pipe   |
| 112 33038                | Plug, Button (Use as required)   |
| 115 27272                | * Gasket, Air cleaner  |
| 120 650399<br>121 30767  | Screw, 10-32 x 5/8"<br>Spacer, Air cleaner   |
| 125A 32810               | Cover, Air cleaner   |
| 126 650513               | Nut, Wing  |
| 128 650713<br>128 650420 | Screw, $5/16 \cdot 18 \times 5/8$ " (Use as require d)   |
| 128 650429<br>128 792028 | Screw, 5/16-18 x 3/4" (Use as require d)<br>Screw, 5/16-18 x 7/8" (Use as require d)   |
| 141A 8274                | Lockwasher, Split (Use as required)  |
| 141 26073                | Washer, Flat (Use as required)   |
| 145 33263                | * Gasket, Carburetor   |
| 146 650451<br>147 34061  | Screw, 1/4-20 x 1"<br>Baffle, Air  |
| 151 610908               | Terminal, Female   |
| 156 730201               | Trigger Pin Kit (Use as required)  |
|                          | Cover, Spark plug (Use as required)  |

| Ref # | Part Number 0 | Ity Description   |
|-------|---------------|---|
| 176   | 32426         | Spacer, Screen  |
| 177   | 8345          | Washer, 1/4 plain (Use as required)   |
| 178   | 27070         | Washer, Lock 1/4 E.T. (Use as require d)  |
| 178   | 650675        | Washer, Flat 1/4 (Use as required)  |
| 184   | 27793         | Clip, Conduit   |
| 185   | 28942         | Screw, 10-32 x 3/8"   |
| 216   | 33467         | Tube, Extension, Oil fill   |
| 217   | 650744        | Screw, 10-24 x 7/8"   |
| 246   | 32953         | Screen, Starter pulley  |
| 248   | 650670        | Screw, 1/4-20 x 3/4"  |
| 249   | 32046         | Rope Assy., Starter (Use as required)   |
| 264   | 650661        | Screw, 1/4-20 x 3/4"  |
|       | 610408        | Nut, Hex  |
| 266   | 610750        | Grommet, Lead wire  |
| 267   | 610906        | Solid State Magneto (Incl.151,173,265,266)(20 Amp)                              |
| 278   | 610901        | Solid State Flywheel  |
|       | 550223        | Decal, Name   |
|       | 32676         | Decal, Solid State  |
| 299A  | 31752         | Decal, Air cleaner  |
| 299   | 34346         | Decal, Instruction  |
| 300A  | 631021        | Inlet Needle, Seat & Clip Assy.   |
| 301   | 631877        | Carburetor (Incl. 145) (Refer to Division 5, Section A, page 134 for breakdown) |
| 304   | 33237A        | * Gasket Set (Incl. items marked *)   |



| 178 27070<br>178 650675<br>180 650701 | Washer, Lock 1/4 E.T. (Use as require d)<br>Washer, Flat 1/4 (Use as required)<br>Screw, 8-18 x 7/16" (Use as required) |
|---------------------------------------|---|
| 180 650701                            |   |
|                                       | Scrow $8-18 \times 7/16$ " (Lieo as required)   |
|                                       |   |
| 222 792028                            | Screw, 5/16-18 x 7/8" (Use w/32817 st r.motor)  |
| 222 650781                            | Screw,5/16-18 x 11/16"(Use w/33835 st r.motor)  |
| 235 34276                             | Plate, Cover (Use as required to cover regulator mounting hole in blower housing)                                       |
| 236 650736                            | Screw, 10-16 x 3/8" (Use as required)   |
| 243 32252                             | Shaft, Flywheel extension   |
| 244 27513                             | Lockwasher  |
| 245 792051                            | Screw, 1/4-20 x 1-3/4"  |
| 252 730134                            | Rewind Starter Kit (Incl. 165, 166, 167, 168, 169 & 291) (Use as required)  |
| 253 33018                             | Harness Assy., Adapter (Use as requir ed)   |
| 254A 610902                           | Alternator Coil (20 Amp)(Incl.256,257,258)  |
| 255 650521                            | Screw, 10-32 x 1-1/8"   |
| 256 610905                            | Terminal  |
| 257B 610824                           | Flat Connector (Female terminals) (As req.)   |
| 257 610904                            | Terminal  |
| 258 610903                            | Connector, Flat   |
| 266 610750                            | Grommet, Lead wire  |
| 268 610907A                           | Regulator (20 Amp) (Incl.268A, 269 & 298)   |
| 275 730198                            | Starter Switch Kit(Incl. 287-298) (As req.)   |
| 303 33835                             | Electric Starter Motor (12 Volt) NOTE: The 32817 and 33835  |
|                                       | starter motors are used interchangeably on the se models.   |
|                                       | Refer to service numberstamped on end cap of motor, or on   |
|                                       | decal for identification. Refer to Division 5, Section D for  |
|                                       | breakdown.  |

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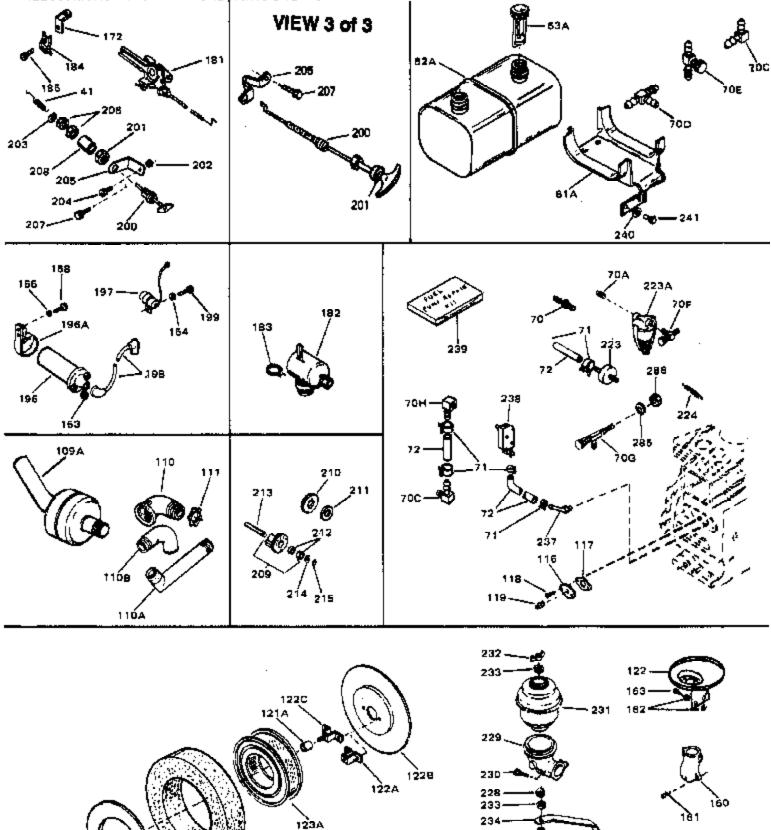
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ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY DEM.



228

227-

234A

| Ref # | Part Number Q | y Description                                  |
|-------|---------------|--|
| 41    | 31967         | Spring, Governor                               |
| 71    | 26460         | Clamp, Fuel line (Use as required)             |
| 72    | 29774         | Fuel Line (Braided) (8.25") (Use as r equired) |
| 72    | 30705         | Fuel Line (Braided) (16") (Use as req uired)   |
| 72    | 30962         | Fuel Line (Braided) (32") (Use as req uired)   |
| 72    | 30965         | Fuel Line (Braided) (48") (Use as req uired)   |
| 119   | 28534         | Pipe Plug, 1/8-27 (Use as required)            |
| 119   | 9556          | Plug, Pipe, 1/8-27 (Use as required)           |
| 122C  | 32907B        | Bracket, Air cleaner                           |
| 122B  | 34065         | Bracket, Air cleaner                           |
| 123A  | 32008         | Element, Air cleaner                           |
| 172   | 31990         | Bracket, Choke control                         |
| 184   | 27793         | Clip, Conduit                                  |
| 185   | 28942         | Screw, 10-32 x 3/8"                            |
| 209   | 33965         | Weight Assy., Counterbalance (Incl. 2 of 212)  |
| 210   | 33963         | Gear, Counterbalance Weight                    |
| 211   | 33499         | Spacer   |
| 212   | 33501         | Bearing, Needle                                |
| 213   | 33502         | Shaft, Counterbalance                          |
| 214   | 33503         | Washer, Thrust                                 |
| 215   | 792017        | Ring, Retaining                                |
|       |               |  |