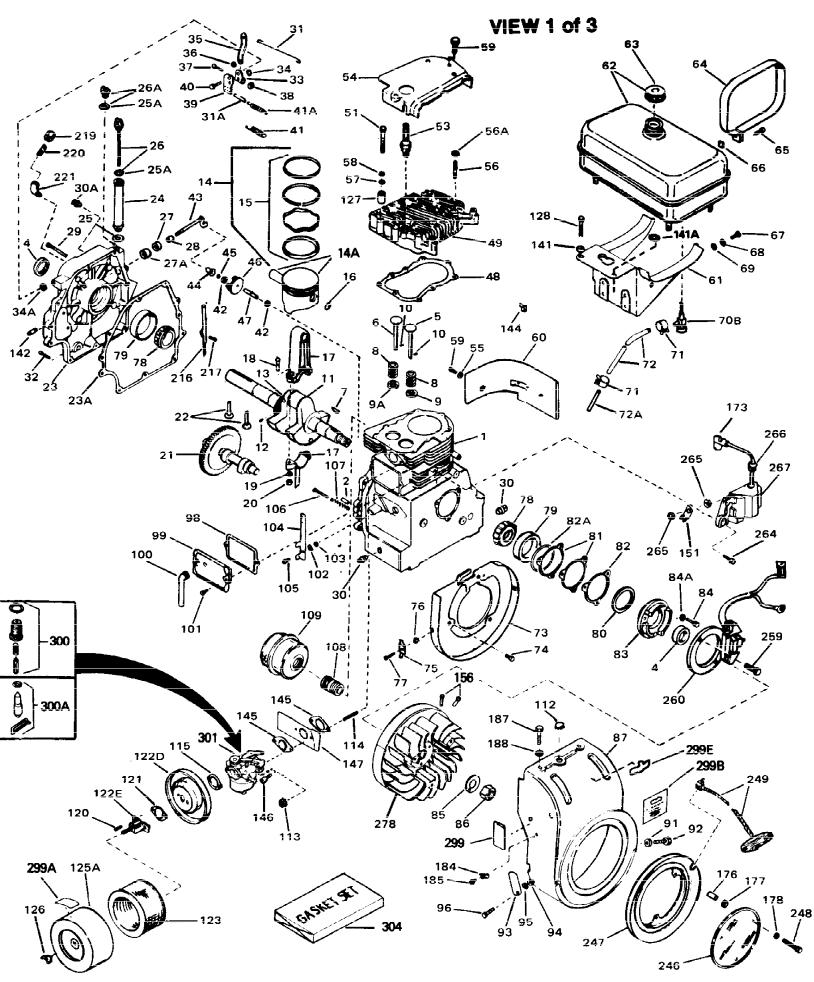
## ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY DEM.

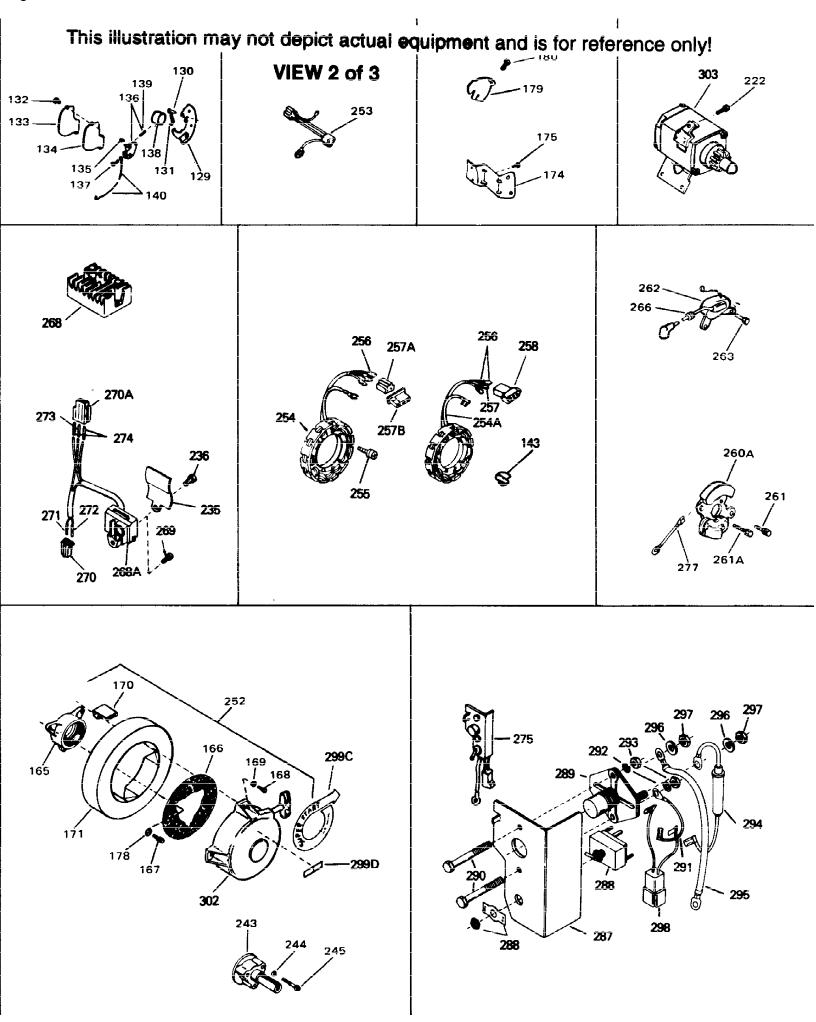


Ref #     Pert Number     Qty Description       1     33040     Cylinder (Incl. 2, 4, 30 & 47) (3-5/1 6" Bore)       2     27652     Pin, Dowel       4     31950     Seal, Ol       5     31940     Intake Valve (1/32" OS) (Incl. 9)       6     31942     Exhaust Valve (1/32" OS) (Incl. 9)       7     650592     Kray, Flywheel       8     31944     Spring, Valve       9A     31945     Cap, Lower valve spring (1/12" OS)       9A     31946     Cap, Lower valve spring (1/12" OS)       9     31946     Cap, Lower valve spring (1/12" OS)       10     20810     Pin, Valve       11     33397A     Crankshaft (Incl. 12, 13, 78 & 79)       12     29783     Pin, Crankshaft (Incl. 12, 13, 78 & 79)       12     29783     Piston, Pin & Ring Set (O20" OS)       14     34508     Piston, Pin & Ring Set (O40" OS)       14     34508     Piston, Pin & Ring Set (O40" OS)       14     34501     Piston & Pin Assy, (O40" OS) (Incl. 16)       14     34502     Piston & Pin Assy, (O10" OS) (Incl. 16)				
2   27652   Pin, Dowel     4   31950   Seal, Ol     5   31940   Intake Valve (1/32" OS) (Incl. 9)     6   31942   Exhaust Valve (1/32" OS) (Incl. 9)     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   31946   Cap, Lower valve spring (1/32" OS)     10   20810   Pin, Zrankshaft     11   3397A   Crankshaft (Incl. 12, 13, 78 & 79)     12   29783   Pin, Crankshaft     14   34508   Piston, Pin & Ring Set (Std.) (3-5/16" Bore)     14   34509   Piston, Pin & Ring Set (0.00" OS)     14   34510   Piston Pin & Ring Set (Mol.) (Incl. 16)     14   34523   Piston & Pin Assy. (C40" OS) (Incl. 16)     14   342001C   Piston & Pin Assy. (D40" OS) (Incl. 16)     14   34210   Piston & Pin Assy. (C40" OS) (Incl. 16) </td <td>Ref #</td> <td>Part Number</td> <td>Qty</td> <td>Description</td>	Ref #	Part Number	Qty	Description
2   27652   Pin, Dowel     4   31950   Seal, Ol     5   31940   Intake Valve (1/32" OS) (Incl. 9)     6   31942   Exhaust Valve (1/32" OS) (Incl. 9)     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   31946   Cap, Lower valve spring (1/32" OS)     10   20810   Pin, Zrankshaft     11   3397A   Crankshaft (Incl. 12, 13, 78 & 79)     12   29783   Pin, Crankshaft     14   34508   Piston, Pin & Ring Set (Std.) (3-5/16" Bore)     14   34509   Piston, Pin & Ring Set (0.00" OS)     14   34510   Piston Pin & Ring Set (Mol.) (Incl. 16)     14   34523   Piston & Pin Assy. (C40" OS) (Incl. 16)     14   342001C   Piston & Pin Assy. (D40" OS) (Incl. 16)     14   34210   Piston & Pin Assy. (C40" OS) (Incl. 16) </td <td>1</td> <td>33040</td> <td></td> <td>Cylinder (Incl. 2, 4, 30 &amp; 47) (3-5/1 6" Bore)</td>	1	33040		Cylinder (Incl. 2, 4, 30 & 47) (3-5/1 6" Bore)
4     31950     Seal, Oil       5     31940     Intake Valve (Std.)       6     31942     Exhaust Valve (Std.)       6     31942     Exhaust Valve (Std.)       7     650592     Key, Flywheel       8     31944     Spring, Valve       9A     31945     Cap, Lower valve spring (Std.)       9A     31946     Cap, Lower valve spring (Std.)       10     20810     Pin, Valve spring (Std.)       11     33397A     Crankshaft (Incl. 12, 13, 78 & 79)       12     29783     Pin, Crankshaft gear       13     31931     Gear, Crankshaft       14     34509     Piston, Pin & Ring Set (010" OS)       14     34509     Piston, Pin & Ring Set (040" OS)       14     34509     Piston, Pin & Ring Set (040" OS)       14     34509     Piston, Pin & Ring Set (040" OS)       14     34509     Piston & Pin Assy, (040" OS) (Incl. 16)       14     34509     Piston & Pin Assy, (020" OS) (Incl. 16)       14     34509     Piston & Pin Assy, (020" OS) (Incl. 16)       14	2	27652		
5     31940     Intake Valve (1/32" OS) (Incl. 9)       5     31941     Intake Valve (1/32" OS) (Incl. 9)       6     31943     Exhaust Valve (Std.)       6     31943     Exhaust Valve (Std.)       7     650592     Kay, Flywheel       8     31944     Spring, Valve       9A     31945     Cap, Lower valve spring (Std.)       9     31946     Cap, Lower valve spring (Std.)       10     20810     Pin, Valve spring retainer       11     33397A     Crankshaft (Incl. 12, 13, 78 & 79)       12     29783     Pin, Crankshaft gear       14     34509     Piston, Pin & Ring Set (.010" OS)       14     34509     Piston, Pin & Ring Set (.020" OS)       14     34650     Piston, Pin & Ring Set (.040" OS)       14     34620     Piston, Pin & Ring Set (.040" OS)       14     34620     Piston Pin Assing Set (.040" OS)       14     34620     Piston Pin Assing Set (.040" OS)       14     32620B     Piston Pin Assing Set (.040" OS)       14     32620B     Piston Pin Assing (.040" OS)				•
5     31941     Intake Valve (1/32" OS) (Incl. 9)       6     31942     Exhaust Valve (1/32" OS) (Incl. 9)       7     650592     Key, Flywheel       8     31943     Spring, Valve       9A     31945     Cap, Lower valve spring (Std.)       9A     31946     Cap, Lower valve spring (Std.)       9     31946     Cap, Lower valve spring (Std.)       10     20810     Pin, Valve spring (Tatage Cap, Lower valve spring (Std.)       11     33397A     Crankshaft (Incl. 12, 13, 78 & 79)       12     29783     Pin, Crankshaft (Incl. 13, 17, 8 & 79)       13     31931     Gear, Crankshaft (Incl. 14, 13, 78 & 79)       14     34508     Piston, Pin & Ring Set (100" OS)       14     34508     Piston, Pin & Ring Set (100" OS)       14     34523     Piston, Pin & Ring Set (100" OS)       14     34523     Piston & Pin Assy, (104" OS)       14     32620B     Piston & Pin Assy, (100" OS) (Incl. 16)       14A     32004     Ring Set (101" OS) (Incl. 16)       14A     32004     Ring Set (101" OS) (Incl. 16)       15A				
6     31942     Exhaust Valve (Std.)     A       6     31943     Exhaust Valve (Std.)     Construction       7     650592     Key, Flywheel     Spring, Valve       9A     31946     Cap, Lower valve spring (IT32' OS)       9A     31946     Cap, Lower valve spring (IT32' OS)       9     31946     Cap, Lower valve spring (IT32' OS)       9     31946     Cap, Lower valve spring (IT32' OS)       10     20810     Pin, Valve spring retainer       11     33397A     Crankshaft (Incl. 12, 13, 78 & 79)       12     29783     Pin, Drin & King Set (C10' OS)       14     34508     Piston, Pin & King Set (C10' OS)       14     34501     Piston, Pin & King Set (C10' OS)       14     34650     Piston, Pin & King Set (C10' OS)       14     34650     Piston & Pin Assy, (C40' OS)       14     34650     Piston & Pin Assy, (C10' OS)       14     34650     Piston & Pin Assy, (C10' OS)       14     32620B     Piston & Pin Assy, (C10' OS)       14     32620B     Piston & Pin Assy, (C10' OS)				
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 (Std.)       9     31945     Cap, Lower valve spring (Std.)       10     20810     Pin, Valve spring (Std.)       11     33397A     Crankshaft (Gal. 12, 13, 78 & 79)       12     29783     Pin, Crankshaft (Gal. 12, 13, 78 & 79)       14     34508     Piston, Pin & Ring Set (Std.) (3-5/16 ° Bore)       14     34503     Piston, Pin & Ring Set (J010° OS)       14     34523     Piston, Pin & Ring Set (J010° OS)       14     34523     Piston & Pin Assy, (J040° OS)       14     34523     Piston & Pin Assy, (J040° OS)       14     32620B     Piston & Pin Assy, (J040° OS)       14     32620B     Piston & Pin Assy, (J020° OS) (Incl. 16)       14A     32001C     Piston & Pin Assy, (J020° OS) (Incl. 16)       14A     32001B     Piston & Pin Assy, (J010° OS)       15     32004 </td <td></td> <td></td> <td></td> <td></td>				
7   6506592   Key, Flywheel     8   31944   Spring, Valve     9A   31946   Cap, Lower valve spring (Std.)     9   31946   Cap, Lower valve spring (Std.)     10   20810   Pin, Valve spring retainer     11   33397A   Crankshaft (Incl. 12, 13, 78 8 79)     12   29783   Pin, Crankshaft gear     13   31931   Gear, Crankshaft gear     14   34503   Piston, Pin & Ring Set (Jol (0°S)     14   34503   Piston, Pin & Ring Set (Jol (0°S)     14   34503   Piston, Pin & Ring Set (Jol (0°S)     14   34503   Piston, Pin & Ring Set (Jol (0°CS)     14   34520B   Piston, Pin & Ring Set (Jol (0°CS)     14   32001C   Piston & Pin Assy, (Std.)(Incl. 16)     14A   32003B   Piston & Pin Assy, (O20° OS) (Incl. 16)     14A   32003B   Piston & Pin Assy, (O20° OS) (Incl. 16)     14A   32003B   Piston & Pin Assy, (O20° OS) (Incl. 16)     14A   32003B   Piston & Pin Assy, (O20° OS) (Incl. 16)     15   32004   Ring Set (Jol (0°CS)     15   3205				
8     31944     Spring, Valve       9A     31945     Cap, Lower valve spring (Std.)       9     31946     Cap, Lower valve spring (1/32" OS)       9     31945     Cap, Lower valve spring (Std.)       10     20810     Pin, Valve spring (Std.)       11     33397A     Crankshaft (not. 12, 13, 78 & 79)       12     29783     Pin, Crankshaft gear       13     31931     Gear, Crankshaft       14     34508     Piston, Pin & Ring Set (010" OS)       14     34503     Piston, Pin & Ring Set (020" OS)       14     34503     Piston, Pin & Ring Set (020" OS)       14     34503     Piston, Pin & Ring Set (030" OS)       14     34503     Piston & Pin Ass'y, (040" OS)       14     34523     Piston & Pin Ass'y, (040" OS)       14     32620B     Piston & Pin Ass'y, (040" OS)       144     32002B     Piston & Pin Ass'y, (040" OS)       144     32002B     Piston & Pin Ass'y, (040" OS)       15     32004     Ring Set (040" OS)       15     32005     Ring Set (040" OS)				
9A     31945     Cap, Lower valve spring (1/32" CS)       9     31946     Cap, Lower valve spring (1/32" CS)       9     31945     Cap, Lower valve spring (1/32" CS)       10     20810     Pin, Valve spring (1/32" CS)       11     33397A     Crankshaft (Incl. 12, 13, 78 & 79)       12     29783     Pin, Crankshaft gear       13     31931     Gear, Crankshaft gear       14     34503     Piston, Pin & Ring Set (010" CS)       14     34503     Piston, Pin & Ring Set (040" CS)       14     34503     Piston, Pin & Ring Set (040" CS)       14     34520B     Piston Pin & Ring Set (040" CS)       14     34520B     Piston & Pin Assy, (040" CS) (Incl. 16)       14A     32002B     Piston & Pin Assy, (040" CS) (Incl. 16)       14A     32003B     Piston & Pin Assy, (040" CS) (Incl. 16)       14A     32003B     Piston & Pin Assy, (020" CS) (Incl. 16)       14A     32003B     Piston & Pin Assy, (020" CS) (Incl. 16)       15     32006     Ring Set (030" CS)       15     320204     Ring Set (030" CS)       15				
9A     31946     Cap. Lower valve spring (1/32" OS)       9     31946     Cap. Lower valve spring (1/32" OS)       10     20810     Pin, Valve spring (1/32" OS)       11     33337A     Crankshaft (nol. 12, 13, 78 & 79)       12     29783     Pin, Crankshaft (nol. 12, 13, 78 & 79)       13     31931     Gear, Crankshaft       13     34508     Piston, Pin & Ring Set (Std.) (3-5/16 " Bore)       14     34509     Piston, Pin & Ring Set (0.00" OS)       14     34510     Piston, Pin & Ring Set (0.00" OS)       14     34523     Piston, Pin & Ring Set (0.00" OS)       14     34523     Piston & Pin Assing Set (0.00" OS)       14     34523     Piston & Pin Assing Set (0.00" OS)       14     32620B     Piston & Pin Assing Set (0.00" OS)       14     32001C     Piston & Pin Assing Asing Asi				
9     31946     Cap, Lower valve spring (1/32" CS)       0     20810     Pin, Valve spring (Std.)       1     33397A     Crankshaft (Incl. 12, 17, 78 & 79)       12     29783     Pin, Crankshaft gear       13     31931     Gear, Crankshaft gear       14     34508     Piston, Pin & Ring Set (010" OS)       14     34510     Piston, Pin & Ring Set (020" OS)       14     34523     Piston, Pin & Ring Set (030" OS)       14     34620     Piston, Pin & Ring Set (040" OS)       14     34623     Piston & Pin Ass'y. (040" OS) (Incl. 16)       14     32620B     Piston & Pin Ass'y. (010" OS) (Incl. 16)       14A     32001C     Piston & Pin Ass'y. (010" OS) (Incl. 16)       14A     32002B     Piston & Pin Ass'y. (010" OS) (Incl. 16)       14A     32003B     Piston & Pin Ass'y. (020" OS) (Incl. 16)       15     32004     Ring Set (020" OS)       15     320205     Ring Set (020" OS)       15     32025     Ring Set (020" OS)       15     32623     Ring Set (040" OS)       15     32026     R				
9     31945     Cap_Lower valve spring [Std.)       10     20810     Pin, Valve spring retainer       11     33397A     Crankshaft (Incl. 12, 13, 78 & 79)       12     29783     Pin, Crankshaft (Incl. 12, 13, 78 & 79)       13     31931     Gear, Crankshaft       14     34508     Piston, Pin & Ring Set (010' OS)       14     34510     Piston, Pin & Ring Set (030' OS)       14     34523     Piston, Pin & Ring Set (030' OS)       14     34523     Piston, Pin & Ring Set (040' OS) (Incl. 16)       14     34523     Piston & Pin Ass'y. (040' OS) (Incl. 16)       14     32020B     Piston & Pin Ass'y. (010' OS) (Incl. 16)       14A     32001C     Piston & Pin Ass'y. (020' OS) (Incl. 16)       14A     32002B     Piston & Pin Ass'y. (020' OS) (Incl. 16)       14A     32004     Ring Set (020' OS)       15     32005     Ring Set (020' OS)       15     32204     Ring Set (020' OS)       15     32204     Ring Set (020' OS)       15     32624     Ring Set (020' OS)       15     32624     R				,
10     20810     Pin, Valve spring retainer       11     33397A     Crankshaft (Incl. 12, 13, 78 & 79)       12     29783     Pin, Crankshaft gear       13     31931     Gear, Crankshaft       14     34508     Piston, Pin & Ring Set (Std.) (3-5/16 * Bore)       14     34500     Piston, Pin & Ring Set (010" OS)       14     34510     Piston, Pin & Ring Set (020" OS)       14     34523     Piston, Pin & Ring Set (040" OS)       14     34523     Piston & Pin Assy. (040" OS)       14     34523     Piston & Pin Assy. (000" OS) (Incl. 16)       14     34523     Piston & Pin Assy. (000" OS) (Incl. 16)       14     32620B     Piston & Pin Assy. (030" OS) (Incl. 16)       14     32002B     Piston & Pin Assy. (030" OS) (Incl. 16)       14     32619B     Piston & Pin Assy. (030" OS) (Incl. 16)       15     32004     Ring Set (040" OS)       15     32005     Ring Set (040" OS)       15     32623     Ring Set (020" OS)       15     32624     Ring Set (040" OS)       15     32623     Ring				
11   33397A   Crankshaft (Incl. 12, 13, 78 & 79)     12   29783   Pin, Crankshaft     13   31931   Gear, Crankshaft     14   34508   Piston, Pin & Ring Set (Std.) (3-5/16 " Bore)     14   34509   Piston, Pin & Ring Set (J01" OS)     14   34510   Piston, Pin & Ring Set (J03" OS)     14   34523   Piston, Pin & Ring Set (J04" OS)     14   34523   Piston, Pin & Ring Set (J04" OS)     14   32620B   Piston & Pin Assy, (J04" OS) (Incl. 16)     14A   32002B   Piston & Pin Assy, (J04" OS) (Incl. 16)     14A   32002B   Piston & Pin Assy, (J04" OS) (Incl. 16)     14A   32002B   Piston & Pin Assy, (J04" OS) (Incl. 16)     14A   32002B   Piston & Pin Assy, (J04" OS) (Incl. 16)     14A   32004   Ring Set (J04" OS)     15   3204   Ring Set (J04" OS)     15   3205   Ring Set (J04" OS)     15   32061   Ring Set (J04" OS)     15   32623   Ring Set (J04" OS)     15   32624   Ring Set (J04" OS)     15   32321   Re-Ringing Set, Pist				
12   29783   Pin, Crankshaft gear     13   31931   Gear, Crankshaft     14   34508   Piston, Pin & Ring Set (Std.) (3-5/16 * Bore)     14   34510   Piston, Pin & Ring Set (010" OS)     14   34510   Piston, Pin & Ring Set (020" OS)     14   34523   Piston, Pin & Ring Set (040" OS)     14   34523   Piston, Pin Assiy, (040" OS) (Incl. 16)     14   34203E   Piston & Pin Assy, (040" OS) (Incl. 16)     14A   32002B   Piston & Pin Assy, (030" OS) (Incl. 16)     14A   32002B   Piston & Pin Assy, (030" OS) (Incl. 16)     14A   32002B   Piston & Pin Assy, (030" OS) (Incl. 16)     14A   32002B   Piston & Pin Assy, (030" OS) (Incl. 16)     15A   32005   Ring Set (5td.) (3-5/16" Bore)     15   32066   Ring Set (040" OS)     15   32623   Ring Set (020" OS)     15   32624   Ring Set (040" OS)     15   32624   Ring Set (040" OS)     15   32623   Ring Set (040" OS)     16   31919   Ring, Piston pin retaining     17   34383   Con				
13   31931   Gear, Crankshaft     14   34509   Piston, Pin & Ring Set (Std.) (3-5/16 " Bore)     14   34510   Piston, Pin & Ring Set (.020" OS)     14   34523   Piston, Pin & Ring Set (.030" OS)     14   34523   Piston, Pin & Ring Set (.030" OS)     14   34523   Piston & Pin Ass'y, (.040" OS) (Incl. 16)     14A   32001C   Piston & Pin Ass'y, (.010" OS) (Incl. 16)     14A   32002B   Piston & Pin Ass'y, (.010" OS) (Incl. 16)     14A   32003B   Piston & Pin Ass'y, (.030" OS) (Incl. 16)     14A   32004   Ring Set (.020" OS)     15   32005   Ring Set (.020" OS)     15   32006   Ring Set (.020" OS)     15   32024   Ring Set (.020" OS)     15   32026   Ring Set (.040" OS)     15   32624   Ring Set (.040" OS)     16   31919   Ring, Piston pin retaining     17   34383   Connecting Rod Assy.(.010" US)(Incl. 18, 19,20)     17   34384   Connecting Rod Assy.(.010" US)(Incl. 18, 19,20)     17   34384   Connecting Rod Assy.(.020" US)(Incl. 18, 19,20)     <				· · · · · · · · · · · · · · · · · · ·
14   34508   Piston, Pin & Ring Set (Std.) (3-5/16 " Bore)     14   34509   Piston, Pin & Ring Set (.020" OS)     14   34510   Piston, Pin & Ring Set (.020" OS)     14   34523   Piston, Pin & Ring Set (.020" OS)     14   34523   Piston, Pin & Ring Set (.020" OS)     14   32620B   Piston & Pin Ass'y. (.040" OS) (Incl. 16)     14A   32001C   Piston & Pin Ass'y. (.010" OS) (Incl. 16)     14A   32002B   Piston & Pin Ass'y. (.020" OS) (Incl. 16)     14A   32003B   Piston & Pin Ass'y. (.020" OS) (Incl. 16)     14A   32004   Ring Set (.020" OS) (Incl. 16)     15   32005   Ring Set (.020" OS)     15   32006   Ring Set (.030" OS)     15   320206   Ring Set (.030" OS)     15   32623   Ring Set (.040" OS)     15   320206   Ring Set (.040" OS)     15   32624   Ring Set (.040" OS)     15   32623   Ring Set (.040" OS)     15   32624   Ring Set (.040" OS)     16   31919   Ring Set (.040" OS)     17   34383   Connecting Rod Ass				
14   34509   Piston, Pin & Ring Set (.010" OS)     14   34510   Piston, Pin & Ring Set (.020" OS)     14   34523   Piston, Pin & Ring Set (.040" OS)     14   34523   Piston, Pin & Ring Set (.040" OS)     14   34523   Piston & Pin Ass'y, (.010" OS) (Incl. 16)     14A   32002B   Piston & Pin Ass'y, (.010" OS) (Incl. 16)     14A   32003B   Piston & Pin Ass'y, (.030" OS) (Incl. 16)     14A   32004   Ring Set (.010" OS) (Incl. 16)     15   32004   Ring Set (.010" OS)     15   32005   Ring Set (.020" OS)     15   32006   Ring Set (.020" OS)     15   32006   Ring Set (.040" OS)     15   32623   Ring Set (.040" OS)     15   32624   Ring Set (.040" OS)     15   32521   Re Ringing Set, Piston     16   31919   Ring, Piston pin retaining     17   34383   Connecting Rod Assy.(.010" US)(Incl. 18, 19, 20)     18   32077   Bolt, Connecting Rod Assy.(.010" US)(Incl. 18, 19, 20)     19   26073   Washer, Connecting rod     20   28264	13	31931		Gear, Crankshaft
14   34510   Piston, Pin & Ring Set (020° OS)     14   34850   Piston, Pin & Ring Set (030° OS)     14   34523   Piston, Pin & Ring Set (040° OS)     14   32620B   Piston & Pin Assy, (040° OS) (Incl. 16)     14A   32001C   Piston & Pin Assy, (040° OS) (Incl. 16)     14A   32002B   Piston & Pin Assy, (010° OS) (Incl. 16)     14A   32003B   Piston & Pin Assy, (020° OS) (Incl. 16)     14A   32004   Ring Set (020° OS)     15   32005   Ring Set (020° OS)     15   32006   Ring Set (020° OS)     15   320205   Ring Set (020° OS)     15   320206   Ring Set (020° OS)     15   320206   Ring Set (020° OS)     15   32623   Ring Set (040° OS)     15   32624   Re-Ringing Set, Piston     16   31919   Ring, Piston pin retaining     17   34383   Connecting Rod Assy.(010° US)(Incl. 18, 19, 20)     18   32077   Bolt, Connecting rod     19   26073   Washer, Connecting rod     20   28264   Nut Assy., Lock	14	34508		Piston, Pin & Ring Set (Std.) (3-5/16 " Bore)
14   34850   Piston, Pin & Ring Set (030° OS)     14   34523   Piston, Pin & Ring Set (040° OS)     14   32620B   Piston & Pin Assy. (040° OS) (Incl. 16)     14A   32001C   Piston & Pin Assy. (010° OS) (Incl. 16)     14A   32002B   Piston & Pin Assy. (010° OS) (Incl. 16)     14A   32003B   Piston & Pin Assy. (020° OS) (Incl. 16)     14A   32014   Ring Set (010° OS)     15   32005   Ring Set (010° OS)     15   32006   Ring Set (010° OS)     15   32006   Ring Set (020° OS)     15   32624   Ring Set (040° OS)     15   32624   Ring Set (040° OS)     15   32624   Ring Set (040° OS)     15   32624   Ring, Piston pin retaining     16   31919   Ring, Piston pin retaining     17   34383   Connecting Rod Assy.(Std) (Incl.18, 19 & 20)     17   34383   Connecting Rod Assy.(O20° US) (Incl.1 8, 19,20)     17   34383   Connecting Rod Assy.(O20° US) (Incl.1 8, 19,20)     17   34383   Connecting Rod Assy.(O20° US) (Incl.1 8, 19,20)     18	14	34509		Piston, Pin & Ring Set (.010" OS)
14   34523   Piston, Pin & Ring Set (.040" OS)     14   32620B   Piston & Pin Assy, (.040" OS) (Incl. 16)     14A   32001C   Piston & Pin Assy, (.010" OS) (Incl. 16)     14A   32002B   Piston & Pin Assy, (.010" OS) (Incl. 16)     14A   32003B   Piston & Pin Assy, (.020" OS) (Incl. 16)     14A   32004   Ring Set (Std.) (3-5/16" Bore)     15   32004   Ring Set (.020" OS)     15   32005   Ring Set (.020" OS)     15   32006   Ring Set (.020" OS)     15   32623   Ring Set (.020" OS)     15   32624   Ring Set (.040" OS)     15   32624   Ring Set (.040" OS)     15   32624   Re-Ringing Set, Piston     16   31919   Ring, Piston pin retaining     17   34383   Connecting Rod Assy.(.020" US)(Incl.18, 19, 20)     17   34384   Connecting Rod Assy.(.020" US)(Incl.18, 19, 20)     17   34384   Connecting Rod Assy.(.020" US)(Incl.18, 19, 20)     17   34384   Connecting Rod Assy.(.020" US)(Incl.18, 19, 20)     18   32077   Bolt, Connecting Rod     20	14	34510		Piston, Pin & Ring Set (.020" OS)
14   32620B   Piston & Pin Assy, (.040" OS) (Incl. 16)     14A   32001C   Piston & Pin Assy, (.010" OS) (Incl. 16)     14A   32002B   Piston & Pin Assy, (.020" OS) (Incl. 16)     14A   32003B   Piston & Pin Assy, (.020" OS) (Incl. 16)     14A   32004   Ring Set (.020" OS) (Incl. 16)     15   32004   Ring Set (.030" OS)     15   32005   Ring Set (.030" OS)     15   32623   Ring Set (.030" OS)     15   32624   Ring Set (.040" OS)     15   32624   Ring Set (.040" OS)     15   32624   Ring Set (.040" OS)     16   31919   Ring, Piston pin retaining     17   33093A   Connecting Rod Assy.(.020" US)(Incl.18, 19, 20)     17   34383   Connecting Rod Assy.(.020" US)(Incl.18, 19, 20)     17   34384   Connecting Rod Assy.(.020" US)(Incl.18, 19, 20)     18   22077   Bolt, Connecting Rod Assy.(.020" US)(Incl.18, 19, 20)     19   26073   Washer, Connecting rod     20   28264   Nut Ass., Lock     21   32150   Camshaft (MCR)     22   31939 <td>14</td> <td>34850</td> <td></td> <td>Piston, Pin &amp; Ring Set (.030" OS)</td>	14	34850		Piston, Pin & Ring Set (.030" OS)
14A 32001C   Piston & Pin Ass'y. (Std.)(Ind.16)(3 - 5/16")     14A 32003B   Piston & Pin Ass'y. (.010" OS) (Incl. 16)     14A 32003B   Piston & Pin Ass'y. (.020" OS) (Incl. 16)     14A 32619B   Piston & Pin Ass'y. (.030" OS) (Incl. 16)     15 32004   Ring Set (.010" OS)     15 32005   Ring Set (.020" OS)     15 32026   Ring Set (.020" OS)     15 32623   Ring Set (.040" OS)     15 32624   Ring Set (.040" OS)     16 31919   Ring, Piston pin retaining     17 34383   Connecting Rod Assy.(.010" US)(Incl. 18, 19 & 20)     17 34383   Connecting Rod Assy.(.010" US)(Incl. 18, 19, 20)     18 32077   Bolt, Connecting Rod Assy.(.010" US)(Incl. 18, 19, 20)     18 32077   Bolt, Connecting rod     19 26073   Washer, Connecting rod     20 28264   Nut Assy., Lock     21 32150   Camshaft (MCR)     22 31393   Lifter, Valve     23 32580A   Cover, Cylinder cover     24 33833A   Oil Fill Tube     25A 35590   "O" Ring     26 3384A   Dipstick (Incl. 25A)     28 32426   Spacer, Governor rod     29 650588   Screw, 1/4-20 x	14	34523		Piston, Pin & Ring Set (.040" OS)
14A   32002B   Piston & Pin Ass'y. (.020" OS) (incl. 16)     14A   3203B   Piston & Pin Ass'y. (.020" OS) (incl. 16)     14A   32014   Ring Set (.020" OS) (incl. 16)     15   32004   Ring Set (.010" OS)     15   32005   Ring Set (.020" OS)     15   32060   Ring Set (.020" OS)     15   32623   Ring Set (.020" OS)     15   32624   Ring Set (.040" OS)     15   322621   Re-Ringing Set, Piston     16   31919   Ring, Piston pin retaining     17   33093A   Connecting Rod Assy.(Std.)(Incl. 18, 19, 20)     17   34383   Connecting Rod Assy.(.020" US)(Incl. 1 8, 19, 20)     18   32077   Bolt, Connecting Rod     19   26073   Washer, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Cornecting rod     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     24   33893A   Oil Fill Tube     25A   35590   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   3242	14	32620B		Piston & Pin Ass'y. (.040" OS) (Incl. 16)
14A   32003B   Piston & Pin Ass'y. (.020" OS) (Incl. 16)     14A   32619B   Piston & Pin Ass'y. (.030" OS) (Incl. 16)     15   32004   Ring Set (Std.) (3-5/16" Bore)     15   32006   Ring Set (.020" OS)     15   32624   Ring Set (.040" OS)     15   32624   Ring Set (.040" OS)     15   32624   Ring Set (.040" OS)     15   32221   Re-Ringing Set, Piston     16   31919   Ring, Piston pin retaining     17   34093A   Connecting Rod Assy.(.010" US) (Incl.18, 19, 20)     17   34383   Connecting Rod Assy.(.010" US) (Incl.18, 19, 20)     18   32077   Bolt, Connecting Rod Assy.(.020" US) (Incl.18, 19, 20)     18   32077   Bolt, Connecting rod     19   26073   Washer, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Caffield (Incl. 4, 28, 30, 34, & 43)     23   32580A   Cover, Cylinder cover     24   33893A   Oil Fill Tube     25A   35499   "O" Ring     26   3984A   Dipstick (Incl. 25A)  <	14A	32001C		Piston & Pin Ass'y. (Std.)(Incl.16)(3 -5/16")
14A   32003B   Piston & Pin Ass'y. (.020" OS) (Incl. 16)     14A   32619B   Piston & Pin Ass'y. (.030" OS) (Incl. 16)     15   32004   Ring Set (Std.) (3-5/16" Bore)     15   32006   Ring Set (.020" OS)     15   32006   Ring Set (.020" OS)     15   32623   Ring Set (.020" OS)     15   32624   Ring Set (.040" OS)     15   3221   Re-Ringing Set, Piston     16   31919   Ring, Piston pin retaining     17   34383   Connecting Rod Assy.(.010" US) (Incl. 18, 19, 20)     17   34384   Connecting Rod Assy.(.010" US) (Incl. 18, 19, 20)     18   32077   Bolt, Connecting rod     19   26073   Washer, Connecting rod     19   26073   Washer, Connecting rod     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     24   33893A   Oil Fill Tube     25A   35499   "O" Ring     26   3984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29	14A	32002B		
14A   32619B   Piston & Pin Ass y. (.030" OS) (Incl. 16)     15   32004   Ring Set (Std.) (3-5/16" Bore)     15   32005   Ring Set (.010" OS)     15   32006   Ring Set (.020" OS)     15   32623   Ring Set (.020" OS)     15   32624   Ring Set (.040" OS)     15   32624   Re-Ringing Set, Piston     16   31919   Ring, Piston pin retaining     17   33093A   Connecting Rod Assy.(.010" US)(Incl. 18, 19, 20)     17   34383   Connecting Rod Assy.(.010" US)(Incl. 18, 19, 20)     17   34384   Connecting Rod Assy.(.010" US)(Incl. 18, 19, 20)     17   34383   Connecting Rod Assy.(.010" US)(Incl. 18, 19, 20)     17   34383   Connecting Rod Assy.(.020" US)(Incl. 18, 19, 20)     18   32077   Bolt, Connecting rod     19   26073   Washer, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Carmshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Oi' Fing     24   33893A   Oil Fill Tube	14A	32003B		
15   32004   Ring Set (Std.) (3-5/16" Bore)     15   32005   Ring Set (.010" OS)     15   32623   Ring Set (.020" OS)     15   32624   Ring Set (.040" OS)     15   32624   Ring Set (.040" OS)     15   32624   Re-Ringing Set, Piston     16   31919   Romecting Rod Assy.(Std.)(Incl.18, 19 & 20)     17   34383   Connecting Rod Assy.(.010" US)(Incl.1 & 8, 19, 20)     17   34383   Connecting Rod Assy.(.010" US)(Incl.1 & 8, 19, 20)     18   32077   Bolt, Connecting Rod Assy.(.020" US)(Incl.1 & 8, 19, 20)     18   32077   Bolt, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Camshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     24   33893A   Oil Fill Tube     25A   33590   "O" Ring     25A   33549   "O" Ring     26   3384A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588				
15   32005   Ring Set (.010" OS)     15   32006   Ring Set (.020" OS)     15   32623   Ring Set (.040" OS)     15   32624   Reing Set (.040" OS)     15   32321   Re-Ringing Set, Piston     16   31919   Ring, Piston pin retaining     17   33093A   Connecting Rod Assy.(Std.)(Incl.1 8, 19, & 20)     17   34383   Connecting Rod Assy.(.010" US)(Incl.1 8, 19, 20)     17   34384   Connecting Rod Assy.(.010" US)(Incl.1 8, 19, 20)     18   32077   Bolt, Connecting Rod Assy.(.020" US)(Incl.1 8, 19, 20)     18   32077   Bolt, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Camshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     24   33893A   Oil Fill Tube     25A   33590   "O" Ring     26A   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927				
15   32006   Ring Set (.020" OS)     15   32623   Ring Set (.030" OS)     15   32624   Ring Set (.040" OS)     15   32321   Re-Ringing Set, Piston     16   31919   Ring, Piston pin retaining     17   33093A   Connecting Rod Ass'y.(Std.)(Incl.18, 19 & 20)     17   34383   Connecting Rod Assy.(.020" US)(Incl.1 & 8,19,20)     17   34384   Connecting Rod Assy.(.020" US)(Incl.1 & 8,19,20)     18   32077   Bolt, Connecting rod     19   26073   Washer, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Camshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder cover     24   33893A   Oil Fill Tube     25A   35499   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     <				
15   32623   Ring Set (.030" OS)     15   32624   Ring Set (.040" OS)     15   32321   Re-Ringing Set, Piston     16   31919   Ring, Piston pin retaining     17   33093A   Connecting Rod Ass y.(Std.)(Incl.18, 19 & 20)     17   34383   Connecting Rod Ass y.(Jo20" US)(Incl.1 & 8, 19,20)     17   34384   Connecting Rod Assy.(.020" US)(Incl.1 & 8, 19,20)     18   32077   Bolt, Connecting rod     19   26073   Washer, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Camshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     23   32580A   Oil Fill Tube     24   33893A   Oil Fill Tube     25A   35499   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor </td <td></td> <td></td> <td></td> <td>- · · · · · · · · · · · · · · · · · · ·</td>				- · · · · · · · · · · · · · · · · · · ·
15   32624   Ring Set (.040" OS)     15   32321   Re-Ringing Set, Piston     16   31919   Ring, Piston pin retaining     17   33093A   Connecting Rod Assy.(Std.)(Incl.18, 19 & 20)     17   34383   Connecting Rod Assy.(.010" US)(Incl.1 & 19,20)     17   34384   Connecting Rod Assy.(.020" US)(Incl.1 & 19,20)     18   32077   Bolt, Connecting rod     19   26073   Washer, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Camshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     24   33893A   Oil Fill Tube     25A   35499   "O" Ring     25A   35499   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"				
15   32321   Re-Ringing Set, Piston     16   31919   Ring, Piston pin retaining     17   33093A   Connecting Rod Ass'y.(Std.)(Incl.18, 19 & 20)     17   34383   Connecting Rod Assy.(.010" US)(Incl.1 8, 19,20)     17   34384   Connecting Rod Assy.(.020" US)(Incl.1 8, 19,20)     18   32077   Bolt, Connecting rod     19   26073   Washer, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Camshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     24   33893A   Oil Fill Tube     25A   3590   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"				
16   31919   Ring, Piston pin retaining     17   33093A   Connecting Rod Ass'y.(Std.)(Incl.18, 19 & 20)     17   34383   Connecting Rod Assy.(.010" US)(Incl.1 8, 19,20)     17   34384   Connecting Rod Assy.(.020" US)(Incl.1 8, 19,20)     18   32077   Bolt, Connecting rod Assy.(.020" US)(Incl.1 8, 19,20)     18   32077   Bolt, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Camshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     24   33893A   Oil Fill Tube     25A   35499   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
17   33093A   Connecting Rod Ass'y.(Std.)(Incl.18, 19 & 20)     17   34383   Connecting Rod Ass'y.(Std.)(Incl.18, 19,20)     17   34384   Connecting Rod Assy.(.020" US)(Incl.1 8,19,20)     18   32077   Bolt, Connecting rod     19   26073   Washer, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Camshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     24   33893A   Oil Fill Tube     25A   33590   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
17   34383   Connecting Rod Assy.(.010" US)(Incl.1 8,19,20)     17   34384   Connecting Rod Assy.(.020" US)(Incl.1 8,19,20)     18   32077   Bolt, Connecting rod     19   26073   Washer, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Camshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     24   33893A   Oil Fill Tube     25A   33590   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   1968   Link, Governor     32   650451   Screw, 1/4-20 x 1"				
17   34384   Connecting Rod Assy.(.020" US)(Incl.1 8,19,20)     18   32077   Bolt, Connecting rod     19   26073   Washer, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Camshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     23   32580A   Cover, Cylinder cover     24   33893A   Oil Fill Tube     25A   33590   "O" Ring     25A   35499   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   342426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
18   32077   Bolt, Connecting rod     19   26073   Washer, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Camshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     24   33893A   Oil Fill Tube     25A   33590   "O" Ring     25A   35499   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"				
19   26073   Washer, Connecting rod     20   28264   Nut Assy., Lock     21   32150   Camshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     23   32580A   Cover, Cylinder cover     24   33893A   Oil Fill Tube     25A   33590   "O" Ring     25A   35499   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
20   28264   Nut Assy., Lock     21   32150   Camshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     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   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
21   32150   Camshaft (MCR)     22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     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   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
22   31939   Lifter, Valve     23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     23A   31956A   * Gasket, Cylinder cover     24   33893A   Oil Fill Tube     25A   33590   "O" Ring     25A   35499   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
23   32580A   Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)     23A   31956A   * Gasket, Cylinder cover     24   33893A   Oil Fill Tube     25A   33590   "O" Ring     25A   35499   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
23A   31956A   * Gasket, Cylinder cover     24   33893A   Oil Fill Tube     25A   33590   "O" Ring     25A   35499   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
24   33893A   Oil Fill Tube     25A   33590   "O" Ring     25A   35499   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
25A   33590   "O" Ring     25A   35499   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
25A   35499   "O" Ring     26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
26   33984A   Dipstick (Incl. 25A)     28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
28   32426   Spacer, Governor rod     29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				5
29   650588   Screw, 1/4-20 x 2"     30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
30   31927   Oil Drain Plug     31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				•
31   31968   Link, Governor     32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
32   650451   Screw, 1/4-20 x 1"     33   31964   Clamp, Governor lever				
33 31964 Clamp, Governor lever				
34 29193 Ring, Retaining				•
	34	29193		Ring, Retaining

	Part Number Qty	
	31963	Lever, Governor adjusting
	650518	Lockwasher
37	650544	Screw, 10-24 x 7/8"
38	7975	Nut, 10-24
39	31965	Plate, Governor spring
40	30312	Screw, 10-32 x 1/2"
41	31967	Spring, Governor
42	30590A	Washer, Flat
43	32425	Rod Assy., Governor
	31948	Spool, Governor
	29193	Ring, Retaining
	31947	Gear Assy., Governor
	31930	Shaft, Mechanical Governor
	32000A	* Gasket, Cylinder head
	33034	Head, Cylinder
	650694A	Screw, 5/16-18 x 2" (Use as required)
	650711	Screw, 5/16-18 x 1-5/8" (Use as required)
	650628A	Screw, 5/16-18 x 2-3/8" (Use as required)
	650695A	Screw, 5/16-18 x 2-3/8 (Use as required)
	650714	Screw, 5/16-18 x 1-5/8" (Use as required)
	650697A	
		Screw, 5/16-18 x 2-1/2" (Use as required)
	650692	Screw, 5/16-18 x 1-3/4" (Use as required)
	650603	Screw, 5/16-18 x 5/8" (Use as require d)
	33636	Resistor Spark Plug (RJ-8C)
	34251	Resistor Spark Plug (RJ-17LM)
	33035	Cover, Cylinder head
	28537	Washer, Plain
	650691	Washer, Flat (Use as required)
	650690	Washer, Belleville (Use as required)
	8274	Washer, Lock (Use as required)
	650128	Screw, 10-24 x 1/2"
	31976	Extension, Blower housing
	33052	Bracket, Fuel tank
	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 requir ed)
	650561	Screw, 1/4-20 x 5/8" (Use as required )
	30063	Screw, $1/4-20 \times 1/2$ " (Use as required )
	792028	Screw, $5/16-18 \times 7/8$ " (Use as required)
	26073	Washer, Flat
	26460	Clamp, Fuel line (Use as required)
	29774	Fuel Line (Braided) (8.25") (Use as required)
	30705	Fuel Line (Braided) (8.25 ) (Use as required)
	30962	Fuel Line (Braided) (10) (Use as req uired)
	30962	
		Fuel Line (Braided) (48") (Use as req uired)
	31975	Baffle, Blower housing
	650561	Screw, 1/4-20 x 5/8"
	33356	Terminal Crammat Direction
	28545	Grommet, Plastic
	650760	Screw, 8-32 x 3/8"
	31932	Bearing, Tapered roller
79	31928	Cup, Bearing

		ty Description
80	32031	Spacer, 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 as required
81	31971	* Gasket, Shim (.004/.005 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 as req
	32599 31972	"O" Ring * Gasket, Shim (.005/.007 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 as req
83	32677	Cover, Cylinder 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 as required to eliminat
84 85 86 87 91 92 93 94 95 96 98 99 100 101 102 103 104 105 106 107 108 112 115 120	650679 650668 650594 33037 8274 650595 32039 650890 26073 650624 31958 31957 35350 650128 28558 31966 33054 650597 650591 33099 32808 33038 27272 650399 30767	Lockwasher, 5/16" (Use as required) Screw, 10-32 x 1" Washer, Lock Nut, Flywheel, 3/4-16 Blower Housing Washer, Lock Screw, 5/16-24 x 3/8" Switch, Stop Washer, Shakeproof Washer, Flat Screw, 5/16-24 x 9/16" * Gasket, Breather Breather Assy. Tube, Breather Breather Assy. Tube, Breather Screw, 10-24 x 1/2" Washer, Wave Bushing, Control lever Lever, Control Screw, 10-24 x 5/8" Screw, 10-24 x 2" Spring Nipple, Exhaust pipe Plug, Button (Use as required) * Gasket, Air cleaner Screw, 10-32 x 5/8"
125A	32810 650513	Cover, Air cleaner Nut, Wing

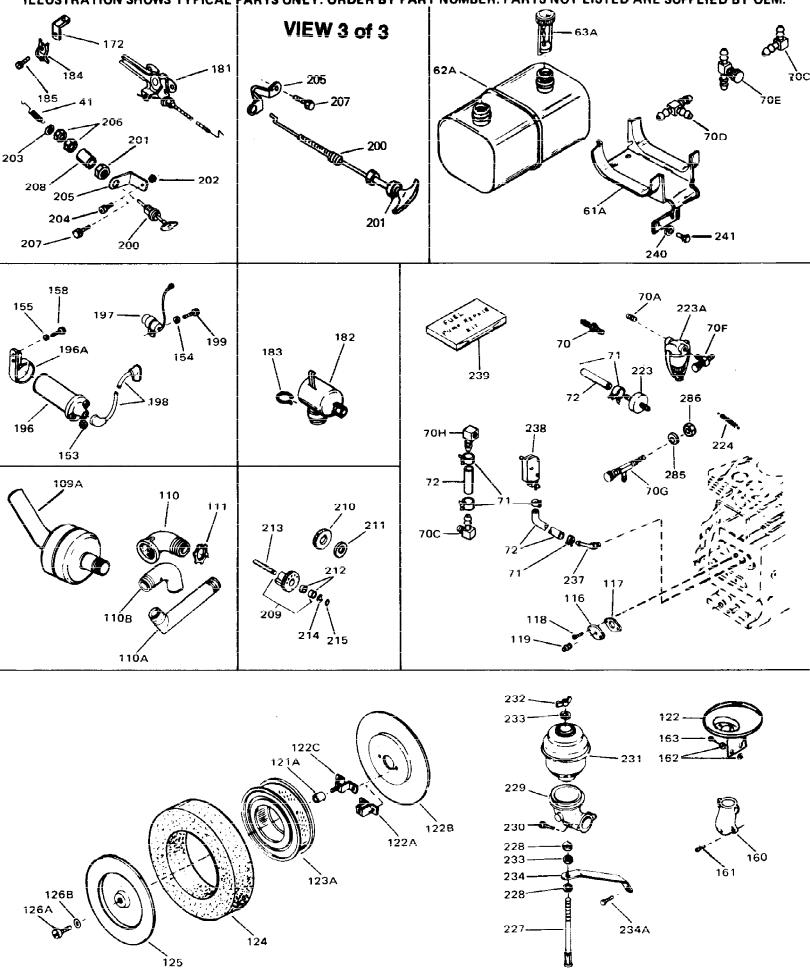
Ref #	Part Number Q	ty Description
	650713	Screw, 5/16-18 x 5/8" (Use as require d)
128	650429	Screw, 5/16-18 x 3/4" (Use as require d)
128	792028	Screw, 5/16-18 x 7/8" (Use as require d)
141A	8274	Lockwasher, Split (Use as required)
141	26073	Washer, Flat (Use as required)
145	33263	* Gasket, Carburetor
146	650451	Screw, 1/4-20 x 1"
147	34061	Baffle, Air
147	31959	Baffle, Air
156	730201	Trigger Pin Kit (Use as required)
173	610118	Cover, Spark plug (Use as required)
176	31992	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"
187	650713	Screw, 5/16-18 x 5/8"
188	26073	Washer, Flat
246	33776	Screen, Starter pulley
247	31980	Pulley, Starter
248	650680	Screw, 1/4-20 x 1-1/2"
249	32046	Rope Assy., Starter (Use as required)
266	610750	Grommet, Lead wire
278	610758	Flywheel
299A	31752	Decal, Air cleaner
299B	550223	Decal, Name
299B	34768	Decal, Name
299B	32676	Decal, Solid State
	34346	Decal, Instruction
	631021	Inlet Needle, Seat & Clip Assy.
301	631878	Carburetor (Incl. 145) (Refer to Division 5, Section A, page 134 for breakdown)
304	33237A	* Gasket Set (Incl. items marked *)



Ref #	Part Number	Qty	Description
178	27070		Washer, Lock 1/4 E.T. (Use as require d)
178	650675		Washer, Flat 1/4 (Use as required)
180	650701		Screw, 8-18 x 7/16" (Use 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)
252	730134		Rewind Starter Kit (Incl. 165, 166, 167, 168, 169 &
			291) (Use as required)
253	33018		Harness Assy., Adapter (Use as requir ed)
257B	610824		Flat Connector (Female terminals) (As req.)
260A	610759		Solid State Magneto
261	650489		Screw, 1/4-20 x 5/8"
261A	650669		Screw, 5/16-18 x 1-1/4"
262	610760		Solid State Transformer Ass'y.(Incl.1 73,266)
263	650561		Screw, 1/4-20 x 5/8"
266	610750		Grommet, Lead wire
275	730198		Starter Switch Kit(Incl. 287-298) (As req.)
277	30831		Ground Wire (Incl. 75)

HH100-115181E Engine Parts List #3

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



Ref #	Part Number Qty	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)
111	650590	Nut, Conduit
119	28534	Pipe Plug, 1/8-27 (Use as required)
119	9556	Plug, Pipe, 1/8-27 (Use as required)
122B	34065	Bracket, Air cleaner
122C	32907B	Bracket, Air cleaner
123A	32008	Element, Air cleaner
184	27793	Clip, Conduit
185	28942	Screw, 10-32 x 3/8"
237	32958	Fitting, Fuel
238	32959	Fuel Pump, Impulse
239	33010	Repair Kit, Impulse fuel pump