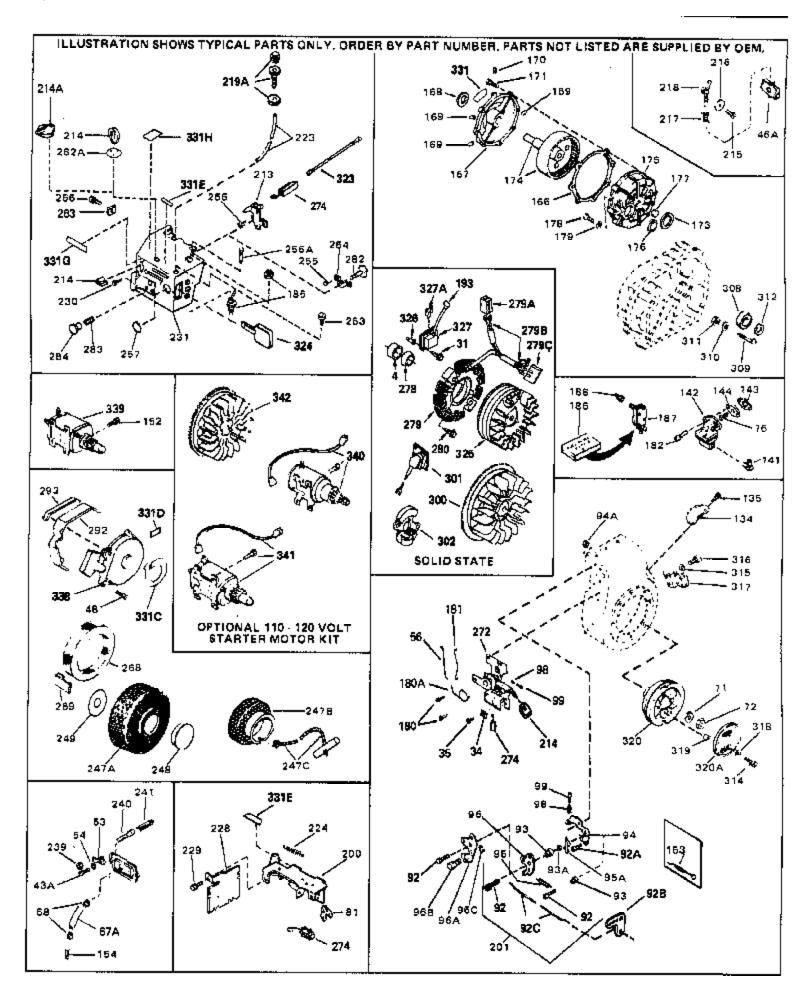


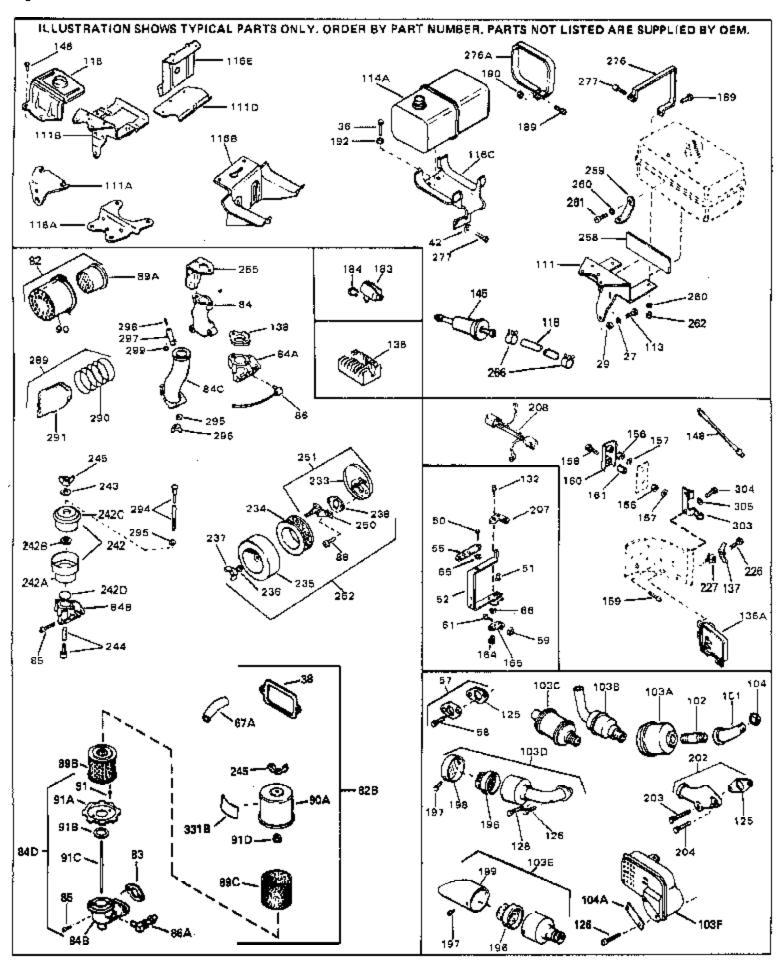
Ref # Part Number				
2 27652 Pin, Dowel 3 27642 Plug, Oil drain 5 2863 Seal, Oil Intake Valve (Std.) (Incl. 9) 16 27878A Exhaust Valve (Std.) (Incl. 9) 16 27878A Exhaust Valve (Std.) (Incl. 9) 17 27882 Cap, Upper valve spring 18 27881 Pin, Valve spring retainer (Use as re quired) 18 27881 Spring, Valve 19 32581 Cap, Lower valve spring 10 3242 Dipper, Oil 11 32844 Cap, Lower valve spring 12 28783 Crankshaft (Incl. 12 & 13) 13 27884 Crankshaft (Incl. 12 & 13) 13 27884 Crankshaft (Incl. 12 & 13) 14 34517 Plate, Lox A. Ring Set (Roll (2-34" Bore) 14 34518 Plate, Dr. A. Ring Set (Roll (2-34" Bore) 14 34519 Plate, Dr. A. Ring Set (Roll (2-34" Bore) 14 34519 Plate, Dr. A. Ring Set (Roll (2-34" Bore) 14 32594B Plate, Dr. A. Ring Set (Roll (2-34" Bore) 15 32596 Ring Set (010" OS) 16 32596 Ring Set (010" OS) 17 32591C Roll Set (010" OS) 18 32591C Roll Set (010" OS) 19 32678 Ring Set (020" OS) 19 32678 Ring Set (020" OS) 19 32678 Ring Set (020" OS) 19 32678 Signification of Cap, Oil drain 2 3 31038 Cover, Cylinder (Incl. 24, 106 & 279) 2 42 2427 Seal, Oil 3 3 303938 Cover, (14-20 x 5)8" 3 2 32514 Session Serve, Villed Serve (Incl. 16) Resistor (Incl. 12 & 130" Canshaft (ICS) 3 5 26942 Sorew, Villed Serve (Incl. 24, 106 & 279) 3 5 28942 Sorew, Villed Serve (Incl. 24) Sorew, Villed Serve (Incl. 24) Sorew, Villed Serve (Incl. 24) Sorew, Villed Serve (Incl. 25) Sorew, Villed Serve (Incl. 26) Sorew, Villed Serve Required) 3 5 28942 Sorew, Villed Serve Required) 3 6 650694A Sorew, Villed Serve Resister Spark Plug (Rabe) 3 6 28423 Sobbilia Sorew Sorew Sorew Sorewer (Incl. 24) Sorew Sorewer (Incl. 26) Sorew Sorewer			Qty	
3 27642 Plug, Oil drain 4 32630 Seal, Oil 5 32783 Intake Valve (Std.) (Incl. 9) 1 intake Valve (1/32° OS) (Incl. 9) 6 278784 Exhaust Valve (Std.) (Incl. 9) 6 27880A Exhaust Valve (Std.) (Incl. 9) 7 27882 Cap, Upper valve spring 7 A 20810 Pin, Valve spring retainer (Use as re quired) 8 27881 Spring, Valve 8 A 27881 Spring, Valve 9 32581 Cap, Lover valve spring 9 32581 Cap, Lover valve spring 10A 32590 Plate, Lock & Oil disper (This plate may be replaced by 34242 oil disper of the 50662C screw must be used.) 10 34242 Dipper, Oil 11 32944 Crankshaft (Incl. 12 & 13) 12 27894 Crankshaft (Used in early production) 13 27894 Crankshaft (Incl. 12 & 13) 14 34517 Piston, Pin & Ring Set (Std.) (2-34" Bore) 14 34518 Piston, Pin & Ring Set (Std.) (2-34" Bore) 14 34519 Piston, Pin & Ring Set (Old" OS) 14 32594B Piston & Pin & Ring Set (Old" OS) 15 22596 Ring Set (Std.) (2-34" Bore) 16 22586 Ring Set (Old" OS) 17 22591 Ring Set (Std.) (2-34" Bore) 18 22596 Ring Set (Cold" OS) 19 2257 Ring Set (Std.) (2-34" Bore) 19 32677 Ning Set (Cold" OS) 29 32631 A Set				
4 32630 Seal, Oil Intake Valve (Std.) (Incl. 9) 5 32783 Intake Valve (Std.) (Incl. 9) 6 278784 Intake Valve (Std.) (Incl. 9) 6 27878A Exhaust Valve (Std.) (Incl. 9) 6 27880A Exhaust Valve (Int.) (Incl. 9) 7 27882 Cap, Upper valve spring 7 A 20810 Pin, Valve spring retainer (Use as re quired) 8 27881 Spring, Valve 8 A 27881 Spring, Valve 9 32581 Cap, Upper valve spring 9 32581 Cap, Upper valve spring 10 342590 Pile, Lock & Oil dipper (This plate may be replaced by 34242 oil dipper but 650662C screw must be used.) 10 34242 Dipper, Oil Cap, Lower valve spring 11 32844 Crankshaft (Use 12 & 13) 12 27884 Crankshaft (Gear Pin (Early production ) 13 27884 Crankshaft (Gear Pin (Early production ) 14 34517 Piston, Pin & Ring Set (Std.) (2-34" Bore) 14 34518 Piston, Pin & Ring Set (O10" OS) 14 34519 Piston, Pin & Ring Set (O10" OS) 14 32693B Piston, Pin & Ring Set (O20" OS) 14 32593B Piston, Pin & Ring Set (O20" OS) 15 32596 Ring Set (Std.) (2-34" Bore) 15 32596 Ring Set (Std.) (2-34" Bore) 16 32697 Ring Set (Gold) (2-34" Bore) 17 32591C Rod Assy, (Connecting oil Carlo) 18 650662C Rod Assy, Connecting oil Carlo) 19 32678 Ring Set (O20" OS) 19 32678 Ring Set (O20" OS) 20 30969 Cap, Oil drain 21 31303B Cap, Crankshaft (Use as required) 22 34034 Lifter, Valve 23 31303B Crankshaft (Use as required) 24 2427 Seal, Oil relian 25 31297 Diposito, Oil Incl. 30 26573 Screw, 10-32 x 18" Serve, 11-42" X 19-41" 26 30849 Screw, 10-32 x 18" Screw, 11-42" x 19-41" 27 30849 Screw, 10-32 x 18" Screw, 11-42" x 19-41" 28 31546 Bushing, Crankshaft (Use as required) 29 5084 Screw, 10-32 x 18" (Use as required) 30 30969 Cap, Oil relian 31 30038 Screw, 11-42" x 19-41" 32 3636 Resistor Spark Plug (RJ-4C) Resistor Spark Plug (RJ-4C) 33 30363 Resistor Spark Plug (RJ-4C) 34 28423 Book Presenter 35 26423 Book Presenter				
5 32783   Intake Valve (Std.) (Incl. 9) 5 32784   Intake Valve (1/32° CS) (Incl. 9) 6 27880A   Exhaust Valve (1/32° CS) (Incl. 9) 7 27882   Exhaust Valve (1/32° CS) (Incl. 9) 7 27882   Cap. Upper valve spring 7 27881   Spring, Valve 9 27881   Spring, Valve 9 3 27881   Spring, Valve 9 3 22881   Cap. Lower valve spring 9 22881   Cap. Lower valve spring 10 3242   Dipper (Oil) 10 34242   Dipper (Oil) 11 32844   Crankshaft (Incl. 12 & 13) 12 27884   Crankshaft (Incl. 12 & 13) 13 27884   Crankshaft (Incl. 12 & 13) 14 34517   Piston, Pin & Ring Set (Std.) (23/4" Bore) 14 34518   Piston, Pin & Ring Set (Coto" CS) 14 34519   Piston, Pin & Ring Set (Coto" CS) 14 34594B   Piston & Pin Assy, (101° CS) (Incl. 16) 14 34594B   Piston & Pin Assy, (101° CS) (Incl. 16) 15 32596   Ring Set (Coto" CS) 16 32597   Ring Set (Coto" CS) 17 32598   Ring Set (Coto" CS) 18 6 27888   Ring Piston & Pin Assy, (107° CS) (Incl. 16) 18 6 27888   Ring Piston & Pin Assy, (107° CS) (Incl. 16) 19 3678   Ring Set (Coto" CS) 20 30969   Cap. Coto Residual (Natver) 21 31038   Correcting Coto Residual (Natver) 22 31303B   Correcting Coto Residual (Natver) 23 31303B   Correcting Coto Residual (Natver) 24 28427   Set (Coto" CS) (Incl. 24 (106 & 279) 25 31297   Dipston, (101° C2) (Incl. 24 (106 & 279) 26 3084   Gasket, Oylinder cover Set (101° CS) 37 34251   Resistor Spark Plug (Rule) 38 27896   Screw, Correcting (Incl. 24, 106 & 279) 39 28423   Screw, Correcting Cover Spark Plug (Rule) 39 28423   Screw, Correcting Cover Spark Plug (Rule) 30 28423   Screw, Screen Spark Plug (Rule) 30 28423   Screen Spark Plug (Rule) 30	3	27642		Plug, Oil drain
5 92784   Intake Valve (1/32" OS) (Incl. 9) 6 27878A   Exhaust Valve (1/32" OS) (Incl. 9) 6 27880A   Exhaust Valve (1/32" OS) (Incl. 9) 7 27882   Cap. Upper valve spring 7 A 20810   Pin. Valve spring retainer (Use as re quired) 8 27881   Spring, Valve 9 32581   Cap. Upper valve spring 9 32581   Cap. Upper valve spring 10A 32590   Pisto. & Oil dipper (This plate may be replaced by 34242 oil dipper but 650662C screw must be used.) 10 34242   Dipper, Oil 1 32844   Crankshaft (Lot. 12 & 13) 11 327884   Crankshaft (Gar Pin (Early production ) 12 27884   Crankshaft (Gar Pin (Early production ) 13 27884   Crankshaft (Gar Pin (Early production ) 14 34517   Piston, Pin & Ring Set (1/10" OS) 14 34518   Piston, Pin & Ring Set (1/10" OS) 14 34519   Piston, Pin & Ring Set (1/10" OS) 14 34519   Piston, Pin & Ring Set (1/10" OS) 14 32593B   Piston & Pin Assy, (1/10" OS) (Incl. 16) 15 32596   Ring Set (1/10" OS) 16 32597   Ring Set (1/10" OS) (Incl. 16) 17 32598   Ring Set (1/10" OS) 18 325996   Ring Set (1/10" OS) 19 32678   Ring Set (1/10" OS) 20 30969   Ring Set (1/10" OS) 21 313038   Cover. Cylinder (Ind. 24, 106 & 279) 22 4034   Lifter, Valve   Cap. Lifter (1/2" OS) 23 313038   Cover. Cylinder (Ind. 24, 106 & 279) 24 31546   Bushing, Crankshaft (Use as required) 25 31297   Dipotico, (1) (Ind. 33) 26 30984   Capster, Oil (Ind. 33) 27 3251   Resistor Spark Plug (RJ-RO) 28 50669   Cap. (1) (Ind. 33) 28 50669   Cap. (1) (Ind. 33) 28 50669   Cap. (1) (Ind. 34) 28 50669   Cap. (1) (Ind. 34) 29 5069   Cap. (1) (Ind. 34) 20 5069   Cap. (1) (Ind.	4	32630		Seal, Oil
5 92784   Intake Valve (1/32" OS) (Incl. 9) 6 27878A   Exhaust Valve (1/32" OS) (Incl. 9) 6 27880A   Exhaust Valve (1/32" OS) (Incl. 9) 7 27882   Cap. Upper valve spring 7 A 20810   Pin. Valve spring retainer (Use as re quired) 8 27881   Spring, Valve 9 32581   Cap. Upper valve spring 9 32581   Cap. Upper valve spring 10A 32590   Pisto. & Oil dipper (This plate may be replaced by 34242 oil dipper but 650662C screw must be used.) 10 34242   Dipper, Oil 1 32844   Crankshaft (Lot. 12 & 13) 11 327884   Crankshaft (Gar Pin (Early production ) 12 27884   Crankshaft (Gar Pin (Early production ) 13 27884   Crankshaft (Gar Pin (Early production ) 14 34517   Piston, Pin & Ring Set (1/10" OS) 14 34518   Piston, Pin & Ring Set (1/10" OS) 14 34519   Piston, Pin & Ring Set (1/10" OS) 14 34519   Piston, Pin & Ring Set (1/10" OS) 14 32593B   Piston & Pin Assy, (1/10" OS) (Incl. 16) 15 32596   Ring Set (1/10" OS) 16 32597   Ring Set (1/10" OS) (Incl. 16) 17 32598   Ring Set (1/10" OS) 18 325996   Ring Set (1/10" OS) 19 32678   Ring Set (1/10" OS) 20 30969   Ring Set (1/10" OS) 21 313038   Cover. Cylinder (Ind. 24, 106 & 279) 22 4034   Lifter, Valve   Cap. Lifter (1/2" OS) 23 313038   Cover. Cylinder (Ind. 24, 106 & 279) 24 31546   Bushing, Crankshaft (Use as required) 25 31297   Dipotico, (1) (Ind. 33) 26 30984   Capster, Oil (Ind. 33) 27 3251   Resistor Spark Plug (RJ-RO) 28 50669   Cap. (1) (Ind. 33) 28 50669   Cap. (1) (Ind. 33) 28 50669   Cap. (1) (Ind. 34) 28 50669   Cap. (1) (Ind. 34) 29 5069   Cap. (1) (Ind. 34) 20 5069   Cap. (1) (Ind.	5	32783		Intake Valve (Std.) (Incl. 9)
6 27878A Exhaust Valve (SIZ*) (ofc. 9) 6 27880A Exhaust Valve (SIZ*) (ofc. 9) 7 27882 Cap, Upper valve spring 7A 20810 Pn, Valve spring retainer (Use as re quired) 8 27881 Spring, Valve 9A 32581 Cap, Lower valve spring 9 32581 Cap, Lower valve spring 10A 22590 Pales, Low & Solf dipper (This plate may be replaced by 34242 oil dipper but 650682C screw must be used.) 10 34242 Dipper, Oil 11 32844 Crankshaft (Inc. 12 & 13) 12 29783 Crankshaft (Used in early production ) 13 27884 Crankshaft (Used in early production) This gear is servicable onlywhen it is plinned to the crankshaft. 14 34517 Piston, Pin & Ring Set (Sid) (234* Bree) 14 34519 Piston, Pin & Ring Set (Coto*) CS) 14 34519 Piston, Pin & Ring Set (Coto*) CS) 14 3459B Piston & Pin Assy, (Sid) (234* Bree) 15 32596 Piston & Pin Assy, (107 CS) (Incl. 16) 15 32596 Ring Set (Coto*) CS) 16 27888 Ring Piston & Pin Assy, (107 CS) (Incl. 16) 17 32591 Ring Set (Coto*) CS) 18 6 27888 Ring Set (Coto*) CS) 19 3257 Ring Set (Coto*) CS 19 3257 Ring Set (Coto*) CS 19 3257 Ring Set (Coto*) CS 20 30969 Cig (Incl. 16) 21 32115 Cap Coto* Coto* Coto* 22 34034 Lifter, Valve 23 31303B Cover, Cornecting (Incl. 24, 106 & 279) 24 28427 Seal 25 31297 Dipstots, Oil (Incl. 24) 26 30684 "Gasket, Cylinder cover 28 65048 Screw, Connecting (Incl. 24, 106 & 279) 28 65049 Screw, Collidor Cover 29 302542 Screw, 10-32 Ard (Use as required) 30 30664 Screw, 10-32 Ard (Use as required) 31 30338 Cover, Cylinder (Incl. 24) Cas as required) 32 32514 Cas as a cover of Casket, Cylinder cover 33 30338 Cover, Cylinder (Incl. 24) Cas as required) 34 27733 Cap Cover, Cylinder (Incl. 24) Cas as required) 35 32634 Resistor Spark Plug (RJ-20 C) 36 600694 Screw, 10-32 Ard (Use as required) 37 30366 Resistor Spark Plug (RJ-20 C) 38 28423 Solos Place as Breed as Cover (Spark Plug (RJ-20 C) 39 28423 Solos Place as Cover (Spark Plug (RJ-20 C) 39 28423 Solos Place as Cover (Spark Plug (RJ-20 C) 30 32423 Solos Place as Cover (Spark Plug (RJ-20 C) 30 32423 Solos Place as Cover (Spark Plug (RJ-20 C) 30 32423 Solos Pla				
6 27880A 7 27882 7 27882 7 27882 7 27882 7 27882 7 27881 8 27881 8 27881 8 27881 8 27881 9 3 2581 9 3 2581 10 3 2581 10 3 2581 9 3 2581 10 3 2580 10 3 2680 10 3 27884 10 3 2680 10 3 2680 10 3 27884 10 3 2580 10 3 2580 10 3 2580 10 3 2580 10 3 2580 10 3 2680 10 3 2680 10 3 2680 10 3 2680 10 3 27884 10 3 27884 10 3 27884 10 3 27884 10 3 27884 10 3 27884 11 3 28844 12 29783 13 27884 14 24517 15 29783 16 27884 17 29783 18 27884 18 29783 19 29783 19 29783 10 27884 10 29783 10 29783 11 2 29783 11 2 29783 12 29783 13 27884 14 24517 15 29783 16 27884 17 2 29783 18 28784 18 29785 19 29785 19 29785 10 29785 10 29785 11 3 25985 11 4 34518 12 29783 13 27884 14 34518 15 29785 16 27888 16 27888 17 32596 18 26596 19 26578 20 30369 21 23115 22 34034 23 21303B 24 28127 28 31546 29 30584 29 315297 29 30584 20 30584 20 30589 21 32115 22 34034 23 31303B 20 20787 26 30584 27888 28 28 28 28 28 28 28 28 28 28 28 28 28 2				
7 27882 7 A 20810 8 27881 8 A 27881 8 A 27881 8 A 27881 9 A 32581 9 A 32581 10 A 32581 10 A 32581 10 A 32590 10 B 27884 11 Spring, Valve 11 20844 11 20844 11 20844 12 Z9783 12 Z9783 13 Z7884 14 Spring, Valve 15 Z9783 16 Zarakshaff (Incl. 12 & 13) 17 Z7884 18 Z9783 19 Z9783 10 Zrankshaff (Incl. 12 & 13) 18 Z9784 19 Z9783 10 Zrankshaff (Incl. 12 & 13) 19 Z9784 10 Zrankshaff (Incl. 12 & 13) 10 Z9784 10 Zrankshaff (Incl. 12 & 13) 10 Z9784 11 Z9844 11 Z9783 12 Z9783 13 Zrankshaff (Incl. 12 & 13) 14 Z9783 15 Z97884 16 Zerankshaff (Incl. 12 & 13) 17 Z9784 18 Z9783 19 Z9784 29 Z9783 20 Zarakshaff (Incl. 12 & 13) 20 Z9783 20 Zarakshaff (Incl. 12 & 13) 20 Zarakshaff (Incl. 13 & 13) 20 Zarakshaff (Incl. 24, 106 & 279) 20 Zarakshaff (Incl. 24, 106 & 279) 20 Zarakshaff (Incl. 24, 106 & 279) 20 Zarakshaff (Incl. 24) 20 Zarakshaff (Incl. 24) 21 Zarakshaff (Incl. 24) 22 Zarakshaff (Incl. 25) 23 Zarakshaff (Incl. 26) 23 Zarakshaff (Incl. 27) 24 Zarakshaff (Incl. 27) 25 Zarakshaff (Incl. 27) 26 Zarakshaff (Incl. 27) 27 Zarakshaff (Incl. 27) 28 Zarakshaff (Incl. 27) 29 Zarakshaff (Incl. 28) 20 Zara				
7A 20810 8 77881 8 77881 9 77881 8 77881 9 7881 10 7888 10 78				, , ,
8 27881 Spring, Valve 8A 27881 Spring, Valve 9A 32581 Cap, Lower valve spring 9A 32581 Cap, Lower valve spring 10A 32590 Palet, Lock & Oil dipper (This plate may be replaced by 34242 oil dipper but 650662C screw must be used.)  10 34242 Dipper, Oil 11 32844 Crankshaft (Incl. 12 & 13) 12 29783 Crankshaft Gear Pin (Early production ) 13 27884 Servicable onlywhen it is pinned to the crankshaft.  14 34517 Pilston, Pin & Ring Set (1610) 23/4" Bore) 14 34518 Piston, Pin & Ring Set (1010" OS) 14 34519 Piston, Pin & Ring Set (1010" OS) 14 34519 Piston, Pin & Ring Set (1020" OS) 14 32593B Piston & Pin Assy, (1010" OS) (Incl. 16) 15 32595 Ring Set (1010" OS) 16 27888 Piston & Pin Assy, (1020" OS) (Incl. 16) 17 32591C Ring Set (1010" OS) 18 60662C Servey, Connecting (Incl. 10 & 18) 28 3778 Ring Set (2020" OS) 29 326778 Ring Set (2020" OS) 29 326778 Ring Set (2020" OS) 29 326779 Ring Set (2020" OS) 29 326779 Ring Set (2020" OS) 20 30969 Cap, Oil drain 29 31303B Cover, Cylinder (Incl. 24, 106 & 279) 26 30684 Cover, Cylinder (Incl. 30) 27 Gasket, Cylinder cover 28 650488 Screw, 14-20 x 518" 29 32631A Gasket, Cylinder cover 29 32631A Gasket, Cylinder head 30 3038A Head, Cylinder 30 3038A Screw, 14-20 x 518" 31 30386 Resident of the server of t				
8A 27881 9A 32581 Cap, Lower valve spring 3 32581 Cap, Lower valve spring Cap, Lower valve spring Plate, Lock & Oil dipper (This plate may be replaced by 34242 oil dipper but 650662C screw must be used.)  10 34242 Dipper, Oil Crankshaft (Incl. 12 & 13) Crankshaft (Used in early production) This gear is servicable onlywhen it is pinned to the crankshaft.  14 34517 Piston, Pin & Ring Set (Std.) (2-34" Bore) Piston, Pin & Ring Set (101" OS) 14A 34518 Piston, Pin & Ring Set (101" OS) Piston, Pin & Ring Set (100" OS) Piston, Pin & Ring Set (102" OS) Piston & Pin Assy. (O10" OS) (Incl. 16) Piston & Pin Assy. (O10" OS) (Incl. 16) Piston & Pin Assy. (O10" OS) Piston & Pin Assy. (O10				• • • • • • • • • • • • • • • • • • • •
9A 32581 9 32581 Cap, Lower valve spring 9 32581 Cap, Lower valve spring Plate, Lock & Oil dipper (This plate may be replaced by 34242 oil dipper but 650662C screw must be used.)  10 34242 Dipper, Oil Crankshaft (Incl. 12 & 13) 12 29783 Crankshaft (Incl. 12 & 13) 13 27884 Crankshaft Gear Pin (Early production) Gear, Crankshaft (Used in early production) This gear is servicable onlywhen it is pinned to the crankshaft.  14 34517 Piston, Pin & Ring Set (1010" OS) Piston & Pin Assy, (1010" OS) (Incl. 16) Piston & Pin Assy, (1010" OS) (Incl. 16) Piston & Pin Assy, (1020" OS) Piston & Pin Assy, (1010" OS) Piston & Pin Assy, (1020" OS) Piston & Pin Assy, (1010" OS) Piston & Pin Assy				
9 32581 10A 32590 Plate, Lock & Oil dipper (This plate may be replaced by 34242 oil dipper but 650662C screw must be used.)  10 34242 Dipper, Oil 11 32844 Crankshaft (Ind. 12 & 13) Crankshaft (Ind. 12 & 13) Crankshaft (Ind. 12 & 13) Crankshaft (Gear Pin (Early production) Gear, Crankshaft (Gear Pin (Early production) This gear is servicable onlywhen it is pinned to the crankshaft.  14 34517 Piston, Pin & Ring Set (Std.) (2-3/4" Bore) Piston, Pin & Ring Set (Otto" OS) Piston & Pin Assy, (Otto" OS) Piston & Pin Assy, (Otto" OS) (Ind. 16) Piston & Pin Assy, (Otto" OS) Piston & Pin Assy, (Otto OS) Piston &				
Plaie, Lock & Oil dipper (This plate may be replaced by 34242 oil dipper to the 650662C screw must be used.)   10 34242				• •
34242 idipper but 650662C screw must be used.)  10 34242				
10 34242 Dipper, Oil 11 32844 Crankshaft (Incl. 12 & 13) 12 29783 Crankshaft (Gear Pin (Early production ) Gear, Crankshaft (Gear Pin (Early production ) Gear, Crankshaft (Used in early production) This gear is servicable onlywhen it is pinned to the crankshaft.  14 34517 Piston, Pin & Ring Set (Std.) (2-34" Bore) 14 34518 Piston, Pin & Ring Set (1010" OS) 14 34519 Piston, Pin & Ring Set (1020" OS) 14 34519 Piston Pin & Ring Set (1020" OS) 14 32592B Piston & Pin Assy. (Std.) (2-34") (In cl. 16) 14 32593B Piston & Pin Assy. (Oto" OS) (Incl. 16) 15 32595 Ring Set (Std.) (2-34" Bore) 15 32596 Ring Set (Std.) (2-34" Bore) 16 27888 Ring. Piston & Pin Assy. (Oto" OS) (Incl. 16) 18 650662C Rod Assy. Connecting (Incl. 10 & 18) 18 650662C Screw, Connecting (Incl. 10 & 18) 19 32578 Nipple, Oil drain 20 30369 Cap. Oil drain 21 32115 Canshaft (MCR) 22 34034 Liffer, Valve 24B 31546 Bushing, Crankshaft (Use as required) 25 31297 Dipstick, Oil (Incl. 30) 26 30684 Screw, 14-20 x 5/8" 27 3038A Head. 28 650489 Screw, 14-20 x 5/8" 28 32842 Scale, Die Screw, 16-8 x 2-1/12" (Use as required) 36 650694A Screw, 5/16-18 x 2-1/12" (Use as required) 37 34251 Resistor Spark Plug 38 27896A "Gasket, Breather over	10A	32590		Plate, Lock & Oil dipper (This plate may be replaced by
11 32844 12 29783 13 27884 14 29783 15 Crankshaft (Incl. 12 & 13) 16 Crankshaft (Gear Pin (Early production) 17 Crankshaft (Gear Pin (Early production) 18 Crankshaft (Used in early production) 19 Cear, Crankshaft (Used in early production) 10 Cear, Crankshaft (Used in early production) 11 Cear, Crankshaft (Used in early production) 12 Cear, Crankshaft (Used in early production) 13 Cear, Crankshaft (Used in early production) 14 A 34518 15 Store, Pin & Ring Set (Std.) (2-3/4" Bore) 15 A 32593B 16 Piston, Pin & Ring Set (Co2" OS) 17 Piston, Pin & Ring Set (Co2" OS) 18 Piston & Pin Assy, (L010" OS) (Incl. 16) 18 Piston & Pin Assy, (L02" OS) (Incl. 16) 19 Store, Connecting (Incl. 16) 19 Store, Connecting (Incl. 10 & 18) 10 Carnshaft (WCR) 11 Start (WCR) 12 Start (WCR) 13 Start (WCR) 14 Start (WCR) 15 Start (WCR) 16 Start (WCR) 17 Start (WCR) 18 Start (WCR) 19 Star				34242 oil dipper but 650662C screw must be used.)
11 32844 12 29783 13 27884 14 29783 15 Crankshaft (Incl. 12 & 13) 16 Crankshaft (Gear Pin (Early production) 17 Crankshaft (Gear Pin (Early production) 18 Crankshaft (Used in early production) 19 Cear, Crankshaft (Used in early production) 10 Cear, Crankshaft (Used in early production) 11 Cear, Crankshaft (Used in early production) 12 Cear, Crankshaft (Used in early production) 13 Cear, Crankshaft (Used in early production) 14 A 34518 15 Store, Pin & Ring Set (Std.) (2-3/4" Bore) 15 A 32593B 16 Piston, Pin & Ring Set (Co2" OS) 17 Piston, Pin & Ring Set (Co2" OS) 18 Piston & Pin Assy, (L010" OS) (Incl. 16) 18 Piston & Pin Assy, (L02" OS) (Incl. 16) 19 Store, Connecting (Incl. 16) 19 Store, Connecting (Incl. 10 & 18) 10 Carnshaft (WCR) 11 Start (WCR) 12 Start (WCR) 13 Start (WCR) 14 Start (WCR) 15 Start (WCR) 16 Start (WCR) 17 Start (WCR) 18 Start (WCR) 19 Star	10	24242		Dinner Oil
12 29783				
Gear, Crankshaft (Used in early production) This gear is servicable onlywhen it is pinned to the crankshaft.  14 34517 Piston, Pin & Ring Set (Std.) (2-3/4" Bore) 14 34518 Piston, Pin & Ring Set (.020" OS) 14 34519 Piston, Pin & Ring Set (.020" OS) 14A 32592B Piston, Pin & Ring Set (.020" OS) 14A 32593B Piston & Pin Assy. (.010" OS) (Incl. 16) 14A 32594B Piston & Pin Assy. (.010" OS) (Incl. 16) 15 32595 Ring Set (.020" OS) (Incl. 16) 16 27888 Piston & Pin Assy. (.020" OS) (Incl. 16) 17 32591C Ring Set (.020" OS) 18 620662C Screw, Connecting (Incl. 10 & 18) 18 650662C Screw, Connecting (Incl. 10 & 18) 20 30969 Cap, Oil drain 21 32115 Carshaft (MCR) 22 34034 Lifter, Valve 23 31303B Cover, Cylinder (Incl. 24, 106 & 279) 24 28427 Seal, Oil 25 31297 Dipstick, Oil (Incl. 30) 26 30684 Screw, Cylinder cover 26 30684 Screw, 1/4-20 x 1-1/4" 30 29673 Screw, 10-4-20 x 1-1/4" 30 29673 Screw, 10-4-20 x 1-1/4" 31 650499 Screw, 1/4-20 x 1-1/4" 32 32631A Screw, 1/4-20 x 1-1/4" 33 30938A Head, Cylinder head 43 30938A Head, Cylinder head 44 37793 Cilip, Conduit (Use as required) 50 50695A Screw, 5/16-18 x 2-1/2" (Use as required) 51 650695A Screw, 5/16-18 x 2-1/2" (Use as required) 51 660694A Screw, 5/16-18 x 2-1/2" (Use as required) 52 7 34251 Resistor Spark Plug (RJ-8C) 53 62423 Body, Breather				
servicable onlywhen it is pinned to the crankshaft.  14 34518				
14 34517 14 34518 15 34518 16 34519 17 34519 18 18 19 19 15ton, Pin & Ring Set (.010" OS) 18 14 34519 19 15ton, Pin & Ring Set (.020" OS) 19 14A 32592B 19 15ton & Pin Assiy. (.010" OS) (Incl. 16) 19 14A 32593B 19 15ton & Pin Assy. (.010" OS) (Incl. 16) 11 14A 32594B 11 15 32595 12 15 32596 13 32596 15 32596 16 27888 17 32591C 18 680662C 19 32678 19 32678 10 30969 11 32115 12 32115 13 31303B 14 31546 15 31297 16 31303B 17 32591C 18 31546 29 31303B 20 30969 21 32115 22 34034 23 31303B 24 28427 25 26 30684 26 31297 27 36 30684 28 650488 28 650488 29 650488 30 29673 31 650489 32 32631A 33 39338A 36 650695A 36 27896 37 34251 38 650489 39 28423 39 3842 30 39636 37 34251 38 650489 39 28423 39 28423 30 3636 Resistor Spark Plug (EJ-8C) 30 650694A 30 37 34251 30 650489 30 27896A 30 28684 30 2986A 30 288et, Cylinder cover	13	2/884		
14 34518 14 34519 15ton, Pin & Ring Set (.010" OS) 14A 32592B 15ton & Pin Assiy, Citd.)(2-34")(In cl.16) 14A 32593B 15 32594B 16 Piston & Pin Assy, (.010" OS) (Incl. 16) 17 32596 18 Piston & Pin Assy, (.020" OS) (Incl. 16) 18 32597 18 Ring Set (Std.) (2-34" Bore) 19 32597 19 Ring Set (.020" OS) 10 234" Bore) 11 32591C 11 32591C 12 34034 13 32678 14 32598 15 32596 16 27888 17 32591C 18 650682C 19 32678 20 30969 21 32115 22 34034 23 31303B 20 30569 24 28427 28 31303B 20 30569 24 28427 26 31546 27 31297 26 30684 28 650488 29 650488 20 9673 31 650489 32 32631A 33 30398A 34 27793 35 28342 36 650695A 37 34251 38 Ring Set (.010" OS) Piston & Pin Assy, (.020" OS) (Incl. 10 & 18) Piston & Pin Assy, (.020" OS) Piston & Pin Assy, (.020" OS) Piston & Pin Assy, (.020" OS) Piston & Pin Assy, (.021" OS) Piston & Pin Assy, (.022" OS) Piston & Pin Assy, (.021" OS) Piston & Pin Assy, (.020" OS) Piston & Pin Assy, (.021" OS) Piston & Pin Asy, (.021" OS) Piston & Pin Assy, (.021" OS) Piston & Pin Assy				servicable onlywhen it is pinned to the crankshaft.
14 34518 14 34519 15ton, Pin & Ring Set (.010" OS) 14A 32592B 15ton & Pin Assiy, Citd.)(2-34")(In cl.16) 14A 32593B 15 32594B 16 Piston & Pin Assy, (.010" OS) (Incl. 16) 17 32596 18 Piston & Pin Assy, (.020" OS) (Incl. 16) 18 32597 18 Ring Set (Std.) (2-34" Bore) 19 32597 19 Ring Set (.020" OS) 10 234" Bore) 11 32591C 11 32591C 12 34034 13 32678 14 32598 15 32596 16 27888 17 32591C 18 650682C 19 32678 20 30969 21 32115 22 34034 23 31303B 20 30569 24 28427 28 31303B 20 30569 24 28427 26 31546 27 31297 26 30684 28 650488 29 650488 20 9673 31 650489 32 32631A 33 30398A 34 27793 35 28342 36 650695A 37 34251 38 Ring Set (.010" OS) Piston & Pin Assy, (.020" OS) (Incl. 10 & 18) Piston & Pin Assy, (.020" OS) Piston & Pin Assy, (.020" OS) Piston & Pin Assy, (.020" OS) Piston & Pin Assy, (.021" OS) Piston & Pin Assy, (.022" OS) Piston & Pin Assy, (.021" OS) Piston & Pin Assy, (.020" OS) Piston & Pin Assy, (.021" OS) Piston & Pin Asy, (.021" OS) Piston & Pin Assy, (.021" OS) Piston & Pin Assy	14	34517		Piston, Pin & Ring Set (Std.) (2-3/4" Bore)
1434519 14A 32592B 14A 32593B 14A 32593B 14A 32593B 14A 32594B 15 32595 16 32596 17 32596 18				
14A 32592B 14A 32593B 14A 32593B 14A 32594B 15				
14A 32593B 14A 32594B 14A 32594B 15 32595 16 Piston & Pin Ass'y. (010" OS) (Incl. 16) 17 32596 18 Ring Set (St.) (2-3/4" Bore) 18 32597 19 32597 19 32597 19 32591C 19 32678 19 32678 20 30969 21 32115 22 34034 23 31303B 24 28427 24B 31546 25 31297 26 30684 27 63688 28 650488 29 673 31 650489 32 325674 32 650697A 32 678 32 7896A 38 28842 38 7896A 38 7896A 38 7896A 38 7896A 38 7896A 38 7896A 38 78 Piston & P				
14A 32594B 15 32595 17 32596 18 Ring Set (Std.) (2-3/4" Bore) 18 32597 19 Ring Set (101" OS) 19 32597 10 27888 11 32591 12 32591 13 32591 14 27888 15 32597 15 32597 16 27888 17 32591C 18 650662C 19 32678 20 30969 21 32115 21 32115 22 34034 23 31303B 24 28427 24B 31546 25 31297 26 30684 27 31297 28 650488 29 673 20 309673 21 32678 22 3631A 23 2673 24 27793 25 2673 26 30638A 27793 27938A 28427 28427 28427 28427 28431 28431 284427 28451 285427 285427 28644 285644 28650488 28673 28684 28673 28684 28673 28684 28793 28684 28793 28684 28793 28684 28793 28684 28793 28684 28793 28794 28793 28794 28793 28794 28793 28794				
15       32595       Ring Set (Std.) (2'3/4" Bore)         15       32596       Ring Set (.010" OS)         16       27888       Ring, Piston pin retaining         17       32591C       Rod Assy., Connecting (Incl. 10 & 18)         18       650662C       Screw, Connecting rod (2 each)         19       32678       Nipple, Oil drain         20       30969       Cap, Oil drain         21       32115       Camshaft (MCR)         22       34034       Lifter, Valve         23       31303B       Cover, Cylinder (Incl. 24, 106 & 279)         24       28427       Seal, Oil         24B       31546       Bushing, Crankshaft (Use as required)         25       31297       Dipstick, Oil (Incl. 30)         26       30684       * Gasket, Cylinder cover         28       650488       Screw, 1/4-20 x 1-1/4"         30       29673       * Gasket, Oil filler         31       650489       Screw, 1/4-20 x 5/8"         32       32631A       * Gasket, Cylinder head         33       30938A       Head, Cylinder         34       27793       Clip, Conduit (Use as required)         35       28942       Screw, 5/16-18 x 2-1/2" (Us				
15       32596       Ring Set (.010" OS)         16       32597       Ring Set (.020" OS)         16       27888       Ring, Piston pin retaining         17       32591C       Rod Assy., Connecting (Incl. 10 & 18)         18       650662C       Screw, Connecting rod (2 each)         19       32678       Nipple, Oil drain         20       30969       Cap, Oil drain         21       32115       Camshaft (MCR)         22       34034       Lifter, Valve         23       31303B       Cover, Cylinder (Incl. 24, 106 & 279)         24       28427       Seal, Oil         24B       31546       Bushing, Crankshaft (Use as required)         25       31297       Dipstick, Oil (Incl. 30)         26       30684       * Gasket, Cylinder cover         28       650488       Screw, 1/4-20 x 5/8"         31       650489       Screw, 1/4-20 x 5/8"         32       32631A       * Gasket, Cylinder head         33       30938A       Head, Cylinder         34       27793       Clip, Conduit (Use as required)         35       28942       Screw, 10-32 x 3/8" (Use as required)         36       650697A       Screw, 5/16-18 x 2-1				
15       32597       Ring Set (.020" OS)         16       27888       Ring, Piston pin retaining         17       32591C       Rod Assy., Connecting (Incl. 10 & 18)         18       650662C       Screw, Connecting rod (2 each)         19       32678       Nipple, Oil drain         20       30969       Cap, Oil drain         21       32115       Camshaft (MCR)         22       34034       Lifter, Valve         23       31303B       Cover, Cylinder (Incl. 24, 106 & 279)         24       28427       Seal, Oil         24       28427       Seal, Oil         24       28427       Bushing, Crankshaft (Use as required)         25       31297       Dipstick, Oil (Incl. 30)         26       30684       Screw, July 20       x 1-1/4"         30       29673       * Gasket, Oylinder cover         28       650489       Screw, 1/4-20 x 5/8"         32       32631A       * Gasket, Oylinder head         33       30938A       Head, Cylinder         34       27793       Clip, Conduit (Use as required)         35       28942       Screw, 5/16-18 x 2-1/2" (Use as required)         36       650695A       Screw, 5/1				
16       27888       Ring, Piston pin retaining         17       32591C       Rod Assy., Connecting (Incl. 10 & 18)         18       650662C       Screw, Connecting rod (2 each)         19       32678       Nipple, Oil drain         20       30969       Cap, Oil drain         21       32115       Camshaft (MCR)         22       34034       Lifter, Valve         23       31303B       Cover, Cylinder (Incl. 24, 106 & 279)         24       28427       Seal, Oil         24B       31546       Bushing, Crankshaft (Use as required)         25       31297       Dipstick, Oil (Incl. 30)         26       30684       Screw, 1/4-20 x 1-1/4"         28       650488       Screw, 1/4-20 x 1-1/4"         30       29673       * Gasket, Oil filler         31       660489       Screw, 1/4-20 x 5/8"         32       32631A       * Gasket, Cylinder head         43       30938A       Head, Cylinder         34       27793       Clip, Conduit (Use as required)         35       28942       Screw, 10-32 x 3/8" (Use as required)         36       650697A       Screw, 5/16-18 x 2-1/2" (Use as required)         36       650694A				
17 32591C 18 650662C 19 32678 19 32678 Nipple, Oil drain 20 30969 Cap, Oil drain 21 32115 Camshaft (MCR) Lifter, Valve 23 31303B Cover, Cylinder (Incl. 24, 106 & 279) 24 28427 Seal, Oil 25 31297 26 30684 28 650488 Screw, 1/4-20 x 1-1/4" 30 29673 31 650489 32 32631A 33 30938A Head, Cylinder head 18 27793 36 650697A 36 650697A 36 650695A 37 34251 38 27896A 39 28423 Screw, 5/16-18 x 2 " (Use as required) Resistor Spark Plug Resi				
18       650662C       Screw, Connecting rod (2 each)         19       32678       Nipple, Oil drain         20       30969       Cap, Oil drain         21       32115       Carnshaft (MCR)         22       34034       Lifter, Valve         23       31303B       Cover, Cylinder (Incl. 24, 106 & 279)         24       28427       Seal, Oil         24B       31546       Bushing, Crankshaft (Use as required)         25       31297       Dipstick, Oil (Incl. 30)         26       30684       Screw, 1/4-20 x 1-1/4"         30       29673       * Gasket, Cylinder cover         31       650489       Screw, 1/4-20 x 5/8"         32       32631A       * Gasket, Cylinder head         33       30938A       Head, Cylinder         34       27793       Clip, Conduit (Use as required)         35       28942       Screw, 10-32 x 3/8" (Use as required)         36       650697A       Screw, 5/16-18 x 2-1/2" (Use as requi red)         36       650695A       Screw, 5/16-18 x 2-1/4" (Use as requi red)         37       34251       Resistor Spark Plug (RJ-8C)         37       34251       Resistor Spark Plug         39       28423 <td>16</td> <td>27888</td> <td></td> <td></td>	16	27888		
19 32678 20 30969 2a, Oil drain 21 32115 2a 34034 2b Lifter, Valve 23 31303B 26 Cover, Cylinder (Incl. 24, 106 & 279) 26 28427 27 Seal, Oil 28 31546 29 31546 30 Bushing, Crankshaft (Use as required) 30 25673 31 Screw, 1/4-20 x 1-1/4" 30 29673 31 650489 32 32631A 33 30938A 4 Screw, 1/4-20 x 5/8" 32 32631A 33 30938A 4 Head, Cylinder 34 27793 35 28942 36 650697A 37 3636 38 650694A 37 33636 38 27896A 39 28423 Screw, 5/16-18 x 2-1/2" (Use as required) 38 673684 Screw, 5/16-18 x 2-1/2" (Use as required) 39 28423 Screw, 5/16-18 x 2-1/2" (Use as required) Resistor Spark Plug Resistor Spa	17	32591C		Rod Assy., Connecting (Incl. 10 & 18)
19 32678 20 30969 2a, Oil drain 21 32115 2a 34034 2b Lifter, Valve 23 31303B 2c Cover, Cylinder (Incl. 24, 106 & 279) 24 28427 28 31546 31	18	650662C		Screw, Connecting rod (2 each)
20 30969 21 32115 22 34034 23 31303B 20	19	32678		
21 32115	20	30969		
22       34034       Lifter, Valve         23       31303B       Cover, Cylinder (Incl. 24, 106 & 279)         24       28427       Seal, Oil         24B       31546       Bushing, Crankshaft (Use as required)         25       31297       Dipstick, Oil (Incl. 30)         26       30684       * Gasket, Cylinder cover         28       650488       Screw, 1/4-20 x 1-1/4"         30       29673       * Gasket, Oil filler         31       650489       Screw, 1/4-20 x 5/8"         32       32631A       * Gasket, Cylinder head         33       30938A       Head, Cylinder         34       27793       Clip, Conduit (Use as required)         35       28942       Screw, 10-32 x 3/8" (Use as required)         36       650697A       Screw, 5/16-18 x 2-1/2" (Use as requi red)         36       650694A       Screw, 5/16-18 x 2" (Use as required)         37       33636       Resistor Spark Plug (RJ-8C)         37       34251       Resistor Spark Plug         38       27896A       * Gasket, Breather cover         39       28423       Body, Breather				
23 31303B				
24       28427       Seal, Oil         24B       31546       Bushing, Crankshaft (Use as required)         25       31297       Dipstick, Oil (Incl. 30)         26       30684       * Gasket, Cylinder cover         28       650488       Screw, 1/4-20 x 1-1/4"         30       29673       * Gasket, Oil filler         31       650489       Screw, 1/4-20 x 5/8"         32       32631A       * Gasket, Cylinder head         33       30938A       Head, Cylinder         34       27793       Clip, Conduit (Use as required)         35       28942       Screw, 10-32 x 3/8" (Use as required)         36       650697A       Screw, 5/16-18 x 2-1/2" (Use as required)         36       650695A       Screw, 5/16-18 x 2-1/4" (Use as required)         36       650694A       Screw, 5/16-18 x 2" (Use as required)         37       34251       Resistor Spark Plug (RJ-8C)         37       34251       Resistor Spark Plug         38       27896A       * Gasket, Breather cover         39       28423       Body, Breather				
24B 31546 Bushing, Crankshaft (Use as required) 25 31297 Dipstick, Oil (Incl. 30) 26 30684 * Gasket, Cylinder cover 28 650488 Screw, 1/4-20 x 1-1/4" 30 29673 * Gasket, Oil filler 31 650489 Screw, 1/4-20 x 5/8" 32 32631A * Gasket, Cylinder head 33 30938A Head, Cylinder 34 27793 Clip, Conduit (Use as required) 35 28942 Screw, 10-32 x 3/8" (Use as required) 36 650697A Screw, 5/16-18 x 2-1/2" (Use as requi red) 36 650695A Screw, 5/16-18 x 2-1/4" (Use as required) 37 33636 Resistor Spark Plug (RJ-8C) 38 27896A Resistor Spark Plug 38 27896A Screw, 59 Gasket, Breather cover 39 28423 Body, Breather				
25       31297       Dipstick, Oil (Incl. 30)         26       30684       * Gasket, Cylinder cover         28       650488       Screw, 1/4-20 x 1-1/4"         30       29673       * Gasket, Oil filler         31       650489       Screw, 1/4-20 x 5/8"         32       32631A       * Gasket, Cylinder head         33       30938A       Head, Cylinder         34       27793       Clip, Conduit (Use as required)         35       28942       Screw, 10-32 x 3/8" (Use as required)         36       650697A       Screw, 5/16-18 x 2-1/2" (Use as requi red)         36       650695A       Screw, 5/16-18 x 2-1/4" (Use as requi red)         36       650694A       Screw, 5/16-18 x 2" (Use as required)         37       33636       Resistor Spark Plug (RJ-8C)         37       34251       Resistor Spark Plug         38       27896A       * Gasket, Breather cover         39       28423       Body, Breather				•
26       30684       * Gasket, Cylinder cover         28       650488       Screw, 1/4-20 x 1-1/4"         30       29673       * Gasket, Oil filler         31       650489       Screw, 1/4-20 x 5/8"         32       32631A       * Gasket, Cylinder head         33       30938A       Head, Cylinder         34       27793       Clip, Conduit (Use as required)         35       28942       Screw, 10-32 x 3/8" (Use as required)         36       650697A       Screw, 5/16-18 x 2-1/2" (Use as requi red)         36       650695A       Screw, 5/16-18 x 2-1/4" (Use as requi red)         36       650694A       Screw, 5/16-18 x 2" (Use as required)         37       33636       Resistor Spark Plug (RJ-8C)         37       34251       Resistor Spark Plug         38       27896A       * Gasket, Breather cover         39       28423       Body, Breather				
28 650488				
30       29673       * Gasket, Oil filler         31       650489       Screw, 1/4-20 x 5/8"         32       32631A       * Gasket, Cylinder head         33       30938A       Head, Cylinder         34       27793       Clip, Conduit (Use as required)         35       28942       Screw, 10-32 x 3/8" (Use as required)         36       650697A       Screw, 5/16-18 x 2-1/2" (Use as requi red)         36       650695A       Screw, 5/16-18 x 2-1/4" (Use as required)         36       650694A       Screw, 5/16-18 x 2" (Use as required)         37       33636       Resistor Spark Plug (RJ-8C)         37       34251       Resistor Spark Plug         38       27896A       * Gasket, Breather cover         39       28423       Body, Breather				
31 650489 32 32631A 33 30938A 30938A 34 27793 35 28942 36 650697A 36 650695A 37 33636 37 33636 38 27896A 39 28423 30 Screw, 1/4-20 x 5/8"  * Gasket, Cylinder head  * Gasket, Cylinder head  * Gasket, Cylinder  * Gasket, Breather cover  * Gasket, Breather  * Gasket, Breather  * Gasket, Breather				·
32       32631A       * Gasket, Cylinder head         33       30938A       Head, Cylinder         34       27793       Clip, Conduit (Use as required)         35       28942       Screw, 10-32 x 3/8" (Use as required)         36       650697A       Screw, 5/16-18 x 2-1/2" (Use as required)         36       650695A       Screw, 5/16-18 x 2" (Use as required)         36       650694A       Screw, 5/16-18 x 2" (Use as required)         37       33636       Resistor Spark Plug (RJ-8C)         37       34251       Resistor Spark Plug         38       27896A       * Gasket, Breather cover         39       28423       Body, Breather				·
33 30938A Head, Cylinder 34 27793 Clip, Conduit (Use as required) 35 28942 Screw, 10-32 x 3/8" (Use as required) 36 650697A Screw, 5/16-18 x 2-1/2" (Use as requi red) 36 650695A Screw, 5/16-18 x 2-1/4" (Use as requi red) 37 33636 Screw, 5/16-18 x 2" (Use as required) 38 27896A Resistor Spark Plug 38 27896A * Gasket, Breather cover 39 28423 Body, Breather				·
34       27793       Clip, Conduit (Use as required)         35       28942       Screw, 10-32 x 3/8" (Use as required)         36       650697A       Screw, 5/16-18 x 2-1/2" (Use as requi red)         36       650695A       Screw, 5/16-18 x 2-1/4" (Use as requi red)         36       650694A       Screw, 5/16-18 x 2" (Use as required)         37       33636       Resistor Spark Plug (RJ-8C)         37       34251       Resistor Spark Plug         38       27896A       * Gasket, Breather cover         39       28423       Body, Breather				
35       28942       Screw, 10-32 x 3/8" (Use as required)         36       650697A       Screw, 5/16-18 x 2-1/2" (Use as requi red)         36       650695A       Screw, 5/16-18 x 2-1/4" (Use as requi red)         36       650694A       Screw, 5/16-18 x 2" (Use as required)         37       33636       Resistor Spark Plug (RJ-8C)         37       34251       Resistor Spark Plug         38       27896A       * Gasket, Breather cover         39       28423       Body, Breather				
36       650697A       Screw, 5/16-18 x 2-1/2" (Use as requi red)         36       650695A       Screw, 5/16-18 x 2-1/4" (Use as requi red)         36       650694A       Screw, 5/16-18 x 2" (Use as required)         37       33636       Resistor Spark Plug (RJ-8C)         37       34251       Resistor Spark Plug         38       27896A       * Gasket, Breather cover         39       28423       Body, Breather				
36       650697A       Screw, 5/16-18 x 2-1/2" (Use as requi red)         36       650695A       Screw, 5/16-18 x 2-1/4" (Use as requi red)         36       650694A       Screw, 5/16-18 x 2" (Use as required)         37       33636       Resistor Spark Plug (RJ-8C)         37       34251       Resistor Spark Plug         38       27896A       * Gasket, Breather cover         39       28423       Body, Breather	35	28942		Screw, 10-32 x 3/8" (Use as required)
36       650695A       Screw, 5/16-18 x 2-1/4" (Use as required)         36       650694A       Screw, 5/16-18 x 2" (Use as required)         37       33636       Resistor Spark Plug (RJ-8C)         37       34251       Resistor Spark Plug         38       27896A       * Gasket, Breather cover         39       28423       Body, Breather	36	650697A		
36       650694A       Screw, 5/16-18 x 2" (Use as required)         37       33636       Resistor Spark Plug (RJ-8C)         37       34251       Resistor Spark Plug         38       27896A       * Gasket, Breather cover         39       28423       Body, Breather				
37 33636 Resistor Spark Plug (RJ-8C) 37 34251 Resistor Spark Plug 38 27896A * Gasket, Breather cover 39 28423 Body, Breather				
37 34251 Resistor Spark Plug 38 27896A * Gasket, Breather cover 39 28423 Body, Breather				
38 27896A * Gasket, Breather cover 39 28423 Body, Breather				
39 28423 Body, Breather				•
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40 ZO4Z4 EICHEH, DIEUM				
	40	2U424		LIGHTOH, DICALICI

		Oty Description
	28425	Cover, Valve spring
42	26073	Washer (Use as required)
42	650691	Washer, Flat (Use as required)
	650690	Washer, Belleville (Use as required)
	650128	Screw, 10-24 x 1/2"
	27915A	* Gasket, Intake
		·
	30195A	Flange, Carburetor (Incl. 79 & 80)
	30196	Screw, 5/16-18 x 3/4"
	29716	Screw, 1/4-28 x 7/16"
50	650548	Screw, 8-32 x 5/16"
52	32326A	Lever, Governor (New lever does not need 1 of
		51,66,132,164,165,207)
		· · · · · · · · · · · · · · · · · · ·
	30205	Bracket, Adjusting
56	30824	Link, Throttle
59	29216	Nut, Lock, 10-32
61	29826	Screw, 10-32 x 3/4"
	29642	Ring, Retaining
	30699C	Rod Assy., Governor (Incl. 64 & 65)
63	30699B	Governor Rod Ass'y. (This one-piece governor rodis no longer
		used. It is replaced by 30699C ass'y.,Ref. no. 63A)
64	30700	Yoke, Governor
	650494	Screw, 6-40 x 5/16"
	29918	Lockwasher, #8 E.T.
	35350	Tube, Breather
	29747B	Screw, 5/16-24 x 21/32"
70	32158E	Blower Housing (For elec.star.)(Incl. 134,135)
71	650815	Washer, Belleville
72	8116	Nut, Hex
	29536	Blower Housing Baffle (without electric starter knock-out)
70	20000	(Use as required)
		,
73	35256A	Blower Housing Baffle (with electric starter knock-out) (Use
		as required) (Point Ignition)
7.1	CEOEC1	Coroux 1/4 20 x E/9"
	650561	Screw, 1/4-20 x 5/8"
	31688A	* Gasket, Carburetor
	29752	Nut & Lockwasher Assy., 1/4-28
80	650572	Screw, 1/4-28 x 1-1/8"
82A	730164	Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89, 90A & 331B)
		(Use as required)
	05040	,
	35349	Ground Wire
	29538	Base, Engine mounting
103	32401	Muffler
106	31845	Shaft, Mechanical governor
	30591	Gear Assy., Governor (Incl. 109)
	30588A	Spool, Governor
	30590A	Washer, Flat
		·
	29193	Ring, Retaining
	30063	Screw, 1/4-20 x 1/2"
	410144B	Fuel Cap (White Plastic)(Std)(As requ ired)
115	33032	Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)
		(Use as required)
,,,=	04040	,
115	34210	Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as
		required)
115	35355	Fuel Cap (Use as required)
	29683	Valve, Fuel shut-off
IIIA	23000	vaive, i uci silutoli

Ref #	Part Number	Qty	Description
118	29774	-	Fuel Line (Braided 8-1/4" 21 cm)(Use as req.)
118	30705		Fuel Line (Braided 16") (41 cm) (Use as req.)
118	30962		Fuel Line (Braided 32") (81 cm) (Use as req.)
120	650128		Screw, 10-24 x 1/2" (Use as required)
121	30622A		Extension, Blower housing
122	34174		Deflector, Exhaust
123	650665		Screw, 1/4-15 x 7/8"
124	650542		Screw, 5/16-18 x 3/4"
125	27930A		Gasket, Exhaust
126	30196		Screw, 5/16-18 x 3/4"
127	26073		Washer (Use as required)
128	650694A		Screw, 5/16-18 x 2" (Use as required)
129	32589		Key, Flywheel
130	31843A		Bracket, Governor gear
131	650836		Screw, 10-24 x 1/2"
133	650493		Screw, 1/4-20 x 1-3/4"
149	30747		Clip, Shorting
193	610118		Cover, Spark plug (Use as required)
205	650561		Screw, 1/4-20 x 5/8" (Use as required )
209	30939A		Cover, Cylinder head
246	32125		Cup, Starter
247	590417		Screen, Starter cup
266	26460		Clamp, Fuel line
270	31461		Bushing, Crankshaft (Use as required)
274	610973		Terminal Ass'y. (As req. on late prod uction)
287	27275		Clip, Hi-tension wire (Use as require d)
287	34246		Clip, Ground wire (Use as required)
331A	34346		Decal, Instruction
332	30547A		Contact Assy., Breaker
333	30548B		Condenser
334	631021		Inlet Needle, Seat & Clip Assy.
336	631459		Carburetor (Incl. 75) (Refer to Division 5, Section A, page 100
			for breakdown)
227	610694A		Magnete (w/ring goor for 110 yelt etc rter) NOTE: The
337	610694A		Magneto (w/ring gear for 110 volt sta rter) NOTE: The complete magneto is not available as an assembly. The
			magneto number is shown for reference purposes only.
			Order component parts individually, as show in parts list.
			(Refer to Division 5, Section B, page 24 for breakdown)
338	590473		Rewind Starter (Refer to Division 5, Section C, page 29 for
			breakdown)
343	33239A		Gasket Set (Incl. items marked*)



Ref #	Part Number Qty	Description
31	650489	Screw, 1/4-20 x 5/8"
34	27793	Clip, Conduit (Use as required)
35	28942	Screw, 10-32 x 3/8" (Use as required)
	650128	Screw, 10-24 x 1/2"
	29716	Screw, 1/4-28 x 7/16"
	30824	Link, Throttle
	650815	Washer, Belleville
		·
	8116	Nut, Hex
	33013	Cover, Bubble
	650736	Screw, 10-16 x 3/8"
	610118	Cover, Spark plug (Use as required)
200	33109A	Control Bracket (Incl. 224 & 274)
224	30826	Spring, Extension
230	650257	Screw, 8-32 x 5/16"
231	33134	Cover, Carburetor
	32398	Bracket, Choke
	28820	Screw, 10-32 x 1/2"
	650760	Screw, 8-32 x 3/8"
	650765	Screw, 10-32 x 1/2"
	650764	
		Nut, "U" Type (Use as required)
	610973	Terminal Ass'y. (As req. on late prod uction)
	32397	Plate Assy., Choke
	32399	Spring, Choke stop
284	32400	Knob, Choke
292	31680	Guard, Starter
293	32576	Seal, Snow guard
308	31793	Bearing, Ball
	31855	Retainer, Bearing
	650778	Washer, Lock
	650580	Nut, Lock
	31792	Washer, Thrust
	31683	Decal, Choke
		·
	35344	Decal, Control
	31844	Decal, Instruction
338	590473	Rewind Starter (Refer to Division 5, Section C, page 29 for
		breakdown)
340	33328D	Starter Motor Kit (110-120 Volt) This 110-120 volt starter motor kit may have been added to this engine. It can be added only if cylinder hasdrilled and tapped starter mounting bosses and a ring gear flywheel (see#342). Refer to service number stamped on end cap of motor, or on decal, for identifica
342	30811A	Flywheel (Ring gear flywheel requiredon engines using 110-120 volt starter kits listed above)
342	611042	Flywheel (Used on Type letters H and above) (Std. Point ignition) (Ring gear flywheel required on engines using 110-120 volt starter kits listed above)
342	611085	Flywheel (Minimum ring gear flywheel required on engines using 110-120 volt starter kits listed above) (Use with Solid State ignition)



Ref #	Part Number	Qty	Description
	27513	,	Lockwasher, 1/4" (Use as required)
	650697A		Screw, 5/16-18 x 2-1/2" (Use as requi red)
	650695A		Screw, 5/16-18 x 2-1/4" (Use as requi red)
	650694A		Screw, 5/16-18 x 2" (Use as required)
	27896A		* Gasket, Breather cover
	26073		Washer (Use as required)
	650691		Washer, Flat (Use as required)
	650548		Screw, 8-32 x 5/16"
	30319		Rivet, Split (Used in early productio n)
	32326A		Lever, Governor (New lever does not need 1 of
<b>02</b>	0202071		51,66,132,164,165,207)
55	30205		Bracket, Adjusting
	730130		Exh.Adap.Kit (Incl. 58 & 125) (Use as req.)
	30196		Screw, 5/16-18 x 3/4" (Use as require d)
	29216		Nut, Lock, 10-32
	29826		Screw, 10-32 x 3/4"
	29918		Lockwasher, #8 E.T.
	730561		Air cleaner kit (Incl. 38, 67A, 83, 84B, 85,89B, 89C, 90A, 91,
020	700001		91A, 91B, 91C, 91D, 245 & 331B) (Use only on engines with
			an externally vented fully adjustable carburetor)
92	730127		Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89A, 90, 238 &
02	730127		331B) (Use as required)
0.45	0.404.0		, ( , , , , , , , , , , , , , , , , , ,
84D	34819		Air Cleaner Elbow (Incl. 84B, 86A, 91, 91A, 91B & 91C) (Use
			in 730561 assembly only) NOTE: 130010 thru 10C & 11
			used in early production only.
103E	391026		Opt. Spark Arrest Muffler (Incl.196,1 97,199)
113	30063		Screw, 1/4-20 x 1/2"
114A	31977		Fuel Tank (Incl. 115)
116C	34823		Bracket, Fuel tank
118	29774		Fuel Line (Braided 8-1/4" 21 cm)(Use as req.)
118	30705		Fuel Line (Braided 16") (41 cm) (Use as req.)
118	30962		Fuel Line (Braided 32") (81 cm) (Use as req.)
125	27930A		Gasket, Exhaust
126	30196		Screw, 5/16-18 x 3/4"
	650694A		Screw, 5/16-18 x 2" (Use as required)
132	650548		Screw, 8-32 x 5/16" (Early production )
148	34067		Wire Assy., Alternator adapter (4-1/4 ")
148	34069		Wire Assy., Alternator adapter (6-3/4 ")
189	650454		Screw, 1/4-20 x 3/4"
	650456		Nut, Lock
	650570		Washer, Flat
	31288		Exh. Adaptor Kit (Incl.125,203,204) ( As req.)
	650697A		Screw, 5/16-18 x 2-1/2" (Use as requi red)
	6021A		Screw, 5/16-18 x 1-1/2" (Use as requi red)
	26460		Clamp, Fuel line
	31979		Strap, Fuel tank
	29212		Screw, Hex hd. Sems, 1/4-28 x 7/16
			·