

	Part Number	Qty	
	34919A		Cylinder (Incl. 2,3 & 4) (2-5/8" Bore)
	27652		Pin, Dowel
3	27642		Pipe plug, 1/4-18
4	32630		Seal, Oil
5	29536		Blower Housing Baffle (Without electric starter knock
			out) (Use as required)
_	252504		, (
5	35256A		Blower Housing Baffle (With electric starter
			knockout) (As req.)(point ign.)
6	650561		Screw, 1/4-20 x 5/8"
	29538		Base, Engine mounting
	650542		Screw, 5/16-18 x 3/4"
	35157		Crankshaft
	29783		Pin, Crankshaft gear (Used on early p rod.)
	27884		Gear, Crankshaft (Used on early production) This
	27001		gear is serviceable ONLY when it is pinned to the
			crankshaft.
13A	33312B		Piston & Pin Ass'y. (Std.)(2-5/8")(In cl.14)
13A	33313B		Piston & Pin Ass'y. (.010" OS) (Incl. 14)
13A	33314B		Piston & Pin Ass'y. (.020" OS) (Incl. 14)
13	34531		Piston, Pin & Ring Set (Std.) (2-5/8" Bore)
13	34532		Piston, Pin & Ring Set (.010" OS)
	34533		Piston, Pin & Ring Set (.020" OS)
	27888		Ring, Piston pin retaining
	34854		Ring Set (Std.) (2-5/8" Bore)
	34855		Ring Set (.010" OS)
	34856		Ring Set (.020" OS)
	31295C		Rod Assy., Connecting (Incl. 17)
	650662C		Bolt, Connecting rod (Incl. 2 pieces)
	34034		Lifter, Valve
	33156		Camshaft
	30622A		Extension, Blower housing
	650128		Screw, 10-24 x 1/2"
	650561		Screw, 1/4-20 x 5/8" (Use as required)
	30063		Screw, 1/4-20 x 1/2" (Use as required)
	30684		Gasket Cylinder Cover
	31451A		Cylinder Cover (Incl.26, 34, 127A, 12 9 & 130)
	28460		Seal, Oil
	650488		Screw, 1/4-20 x 1-1/4"
	650493		Screw, 1/4-20 x 1-3/4"
	30699C		Rod Assy., Governor (Incl. 30 & 31)
	30700		Yoke, Governor
	650494		Screw, 6-40 x 5/16"
	29642		Ring, Retaining
	31845		Shaft, Mechanical governor
	30588A		Spool, Governor
	35479		Washer, Flat
	29193		Ring, Retaining
	30591		Gear Assy., Governor
	31843A		Bracket, Governor gear
	650836		Screw, 10-24 x 1/2"
	32783		Intake Valve (Std.)
	32784		Intake Valve (3/32" OS)
	27878A		Exhaust Valve (1/32 OS)
	27880A		Exhaust Valve (3/32" OS)
42	21 UUUA		LAHAUST VAIVE (1/32 US)

Ref # Part Number	D ("	D (N)	O 1	
44 27881 45 32581 Cap. Lower valve spring 46 33876 Gasket, Stator 57 650489 Screw, 14-20 x 5/8" 48 35182 Ground Wire 48 35182 Ground Wire 58 3938C Gasket, Cylinder head 59 3938A Head, Cylinder 58 3939A Cover, Assy, Cylinder head 59 650680 Washer, Belleville (Use as required) 56 650691 Screw, 516-18 x 2-122" (Use as required) 56 650695A Screw, 516-18 x 2-122" (Use as required) 57 29916 Clamp, Governor lever, 516-18 x 2-144" (Use as required) 58 33454 Locknut, 8-32 Locknut, 8-32 Locknut, 8-32 Locknut, 8-32 Screw, 516-18 x 2-144" (Use as required) 59 29918 Washer, Lock, No. 8 E.T. 51 6650548 Screw, 516-18 x 2-144" (Use as required) 58 34661 Link, Governor 59 3966 Cap. Governor 59 3966 Cap. Governor 65 34662 Link, Governor 66 34664 Link, Governor 67 34677 Control Bracket (Incl. 68, 69, 72 & 1 38) Screw, 5-12 x x x x x x x x x x x x x x x x x x x			Qty	•
46 32856 46 33876 47 650489 50489 50489 50489 50489 50489 505489 51 28938C 52899 51 28938C 52899 52 30938A 533636 54 610118 55 30939A 568 650690 568 650690 568 650691 56 650697A 56 650697A 57 29916 57 29916 57 29916 58 650694 59 29918 51 650548 52 29216 53 33454 52 29216 53 33454 53 33454 54 660548 55 39386 568 650695 57 29918 58 650648 59 29918 50 29828 50 298				
46 33876 47 650489 5crew, 1/4-20 x 5/8" 48 35182 49 32589 Key, Flywheel 51 28938C 52 30938A 53 33636 54 610118 55 30939A 568 650690 568 650690 568 650691 56 650691 56 650694A 56 650694A 56 650695A 57 29916 58 57 29916 59 33454 59 33454 50 57 29916 51 650549 51 65054				• •
47 660489 48 35182 49 32589 49 32589 51 28938C 52 30938A 52 30938A 53 33636 54 610118 55 30939A 568 650690 568 650691 56 650697A 56 650697A 57 29916 58 650694 59 33454 59 33454 59 33454 59 33454 59 29916 50 650695A 50 650695A 50 650695A 50 650695A 50 650695A 50 650696 50 650695A 50 650696 50 650696 50 650697A 50 650697A 50 650697A 50 650697A 50 650697A 50 650697A 50 650694A 50 650695A 50 650696A 50 650649 50				, ,
48 35182 49 32589 49 32589 51 28938C 52 30938A 52 30938A 53 3636 64 610118 65 20ver, Spark Plug (Use as required) 65 46 610118 66 500691 67 48 500691 68 6500691 69 6500694A 69 6500694A 69 6500694A 69 6500694A 69 6500695A 69 6500695A 60 6500594A 60 6500594 60 6500594 60 6500594 60 6500594 60 6500594 60 6500594 60 6500594 60 6500594 60 6500594 60 6500594 60 6500594 60 6500594 60 6500594 60 6500594 60 6500594 60 6500594 60 6500594 60 6500594 60 60 60 60 60 60 60 60 60 60 60 60 60 6				
49 32589				
51 28938C Gasket, Cylinder head 52 30938A Head, Cylinder 53 33636 Resistor Spark Plug (RJ-8C) 54 610118 Cover, Spark Plug (RJ-8C) 55 30939A Cover Assy, Cylinder head 55 806090 Washer, Belleville (Use as required) 56 650691 Washer, Flat (Use as required) 56 650694A Screw, 5/16-18 x 2-1/2" (Use as required) 56 650694A Screw, 5/16-18 x 2-1/2" (Use as required) 56 650695A Screw, 5/16-18 x 2-1/2" (Use as required) 57 29916 Clamp, Governor lever (Use as required) 57 30322 Locknut, 8-32 58 33454 Lever Assy,, Governor 59 29918 Washer, Lock, No. 8 E.T. 59 29918 Washer, Lock, No. 8 E.T. 61 650548 Screw, 8-32 x 5/16" 62 29216 Locknut, 10-32 63 29826 Screw, 10-32 x 3/4" 64 34661 Link, Governor 65 34662 Link, Throttle 67 34662 Link, Throttle 67 3467 Control Bracket (Incl. 68, 69, 72 & 1 38) 68 650549 Screw, 5-40 x 7/16" 72 610973 Terminal Assy, (Use as required) 74 27896A Gasket, Valve chamber cover 75 28423 Breather Assy, Valve 76 28424 Element, Breather 77 28425 Cover, Valve spring box 78 650128 Screw, 10-32 k 1/2" 79 35350 Tube, Breather 80 32446 Grommet, Breather tube 80 27915A "Assistance of the property of t				
52 30938A				
53 33636 Resistor Spark Plug (RJ-BC) 54 610118 Cover, Spark Plug (Use as required) 55 30939A Cover Assy., Cylinder head 56 860690 Washer, Belleville (Use as required) 56 650691 Washer, Belleville (Use as required) 56 650694A Screw, 5/16-18 x 2-1/2" (Use as required) 56 650694A Screw, 5/16-18 x 2-1/2" (Use as required) 56 650695A Screw, 5/16-18 x 2-1/4" (Use as required) 57 29916 Clamp, Governor lever (Use as required) 57 30322 Locknut, 8-32 58 33454 Lever Assy., Governor 59 29918 Washer, Lock, No. 8 E.T. 61 650548 Screw, 8-32 x 5/16" 62 29216 Locknut, 10-32 63 29826 Screw, 10-32 x 3/4" 65A 34661 Link, Governor 65 34662 Link, Throttle 67A 34677 Control Bracket (Incl. 68, 69, 72 & 1 38) 68 650549 Screw, 5-40 x 7/16" 72 610973 Terminal Assy. (Use as required) 74 27896A Gasket, Valve chamber cover 75 28423 Breather Assy., Valve 80 28424 Element, Breather 80 32446 Grown, 10-24 x 1/2" 81 33350 Tube, Breather 80 32446 Grownet, Breather tube 81 2 27915A "Gasket, Intake pipe to cylinder 83 34712 Flange, Carburetor (Incl. 36A) 85 31688A "Gasket, Carburetor 87 30767 Screw, 1/4-20 x 13/16" 88 34782 Filter, Pre-air 89 34782 Filter, Air Cleaner (Incl. 97) 94 34780 Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) 65 650163 Screw, 10-32 x 7/8"				•
54 610118 Cover, Spark plug (Use as required) 55 30393A Cover Assy., Cylinder head 56B 650690 Washer, Belleville (Use as required) 56 650691A Screw, 5/16-18 x 2-1/z (Use as required) 56 650694A Screw, 5/16-18 x 2-1/z (Use as required) 57 29916 Clamp, Governor lever (Use as required) 57 29916 Clamp, Governor lever (Use as required) 57 29918 Locknut, 8-32 58 33454 Lever Assy., Governor 59 29918 Washer, Lock, No. 8 E.T. 61 650548 Screw, 8-32 x 5/16* 62 29216 Locknut, 10-32 63 32826 Screw, 10-32 x 3/4* 65A 34661 Link, Governor 65A 34662 Link, Throttle 67A 34677 Control Bracket (Incl. 68, 69, 72 & 1 38) 68 31342 Spring, Compression 69 650549 Screw, 5-40 x 7/16* 72 28423 Breather Assy., Valve chamber cover				· · · · · · · · · · · · · · · · · · ·
55 30939A Cover Assy, Cylinder head 56B 650690 Washer, Belleville (Use as required) 56A 650691 Washer, Flat (Use as required) 56 650694A Screw, 5/16-18 x 2-1/12" (Use as required) 56 650695A Screw, 5/16-18 x 2-1/12" (Use as required) 57 650695A Screw, 5/16-18 x 2-1/14" (Use as required) 58 33454 Clamp, Governor lever (Use as required) 59 29918 Washer, Lock, No. 8 E.T. 51 650548 Screw, 8-32 x 5/16" 52 29216 Locknut, 10-32 53 3464 Lever Assy, Governor 59 29918 Washer, Lock, No. 8 E.T. 51 650548 Screw, 8-32 x 5/16" 52 29216 Locknut, 10-32 53 39826 Screw, 10-32 x 3/4" 55 34662 Link, Throttle 57 34662 Link, Throttle 57 34662 Link, Throttle 58 31342 Spring, Compression 59 650549 Screw, 5-40 x 7/16" 59 650549 Screw, 5-40 x 7/16" 50 650549 Screw, 5-40 x 7/16" 50 650549 Screw, 5-40 x 7/16" 51 68 31342 Spring, Compression 52 8423 Breather Assy, Valve 53 68 6128 Screw, 10-32 x 12" 58 650128 Screw, 10-24 x 1/2" 59 35550 Tube, Breather 50 128 Screw, 10-24 x 1/2" 50 63 34416 Grommet, Breather tube 50 62 27915A Gasket, Carburetor (Incl. 86A) 51 688 Screw, 5/16-18 x 3/4" 51 6388 Screw, 16-18 x 3/4" 51 63 24699 Bracket, Air cleaner (Incl. 97) 51 79 79 79 79 79 79 79 79 79 79 79 79 79				
56B 650690 Washer, Flat (Use as required) 56A 650691 Washer, Flat (Use as required) 56 650694A Screw, 5/16-18 x 2-1/2" (Use as required) 56 650695A Screw, 5/16-18 x 2-1/4" (Use as required) 57 29916 Clamp, Governor lever (Use as required) 57A 30322 Locknut, 8-32 58 33454 Lever Assy., Governor 59 29918 Washer, Lock, No. 8 E.T. 61 650548 Screw, 8-32 x 5/16" 62 29216 Locknut, 10-32 63 29826 Screw, 10-32 x 3/3" 65A 34661 Link, Governor 65A 34662 Link, Throttle 67A 34677 Control Bracket (Incl. 68, 69, 72 & 138) 68 31342 Spring, Compression 69 650549 Screw, 5-40 x 7/16" 72 210973 Terminal Assy. (Use as required) 74 27896A Gasket, Valve chamber cover 75 28423 Breather Assy., Valve 78				
56A 650691A Washer, Flat (Use as required) 56 650694A Screw, 5/16-18 x 2-1/2" (Use as required) 56 650695A Screw, 5/16-18 x 2-1/4" (Use as required) 57 29916 Clamp, Governor lever (Use as require d) 57A 30322 Locknut, 8-32 58 33454 Lever Assy., Governor 59 29918 Washer, Lock, No. 8 E.T. 61 650548 Screw, 10-32 x 3/4" 62 29216 Locknut, 10-32 63 29826 Screw, 10-32 x 3/4" 65A 34661 Link, Governor 65 34662 Link, Throttle 67A 34677 Control Bracket (Incl. 68, 69, 72 & 1 38) 69 650549 Screw, 5-40 x 7/16" 72 2610973 Terminal Assy. (Use as required) 74 27896A Gasket, Valve chamber cover 75 28423 Breather Assy., Valve 76 28424 Element, Breather 77 28425 Cover, Valve spring box 78 <t< td=""><td>55</td><td>30939A</td><td></td><td>Cover Assy., Cylinder head</td></t<>	55	30939A		Cover Assy., Cylinder head
56 650697A Screw, 5/16-18 x 2-1/2" (Use as required) 56 650694A Screw, 5/16-18 x 2-1/4" (Use as required) 56 650695A Screw, 5/16-18 x 2-1/4" (Use as required) 57 29916 Clamp, Governor lever (Use as require d) 57A 30322 Locknut, 8-32 58 33454 Lever Assy., Governor 59 29918 Washer, Lock, No. 8 E.T. 61 650548 Screw, 8-32 x 5/16" 62 29216 Locknut, 10-32 63 29826 Screw, 10-32 x 3/4" 65A 34661 Link, Governor 653 34662 Link, Throttle 657 34667 Control Bracket (Incl. 68, 69, 72 & 1 38) 68 31342 Spring, Compression 68 31342 Spring, Compression 76 28423 Screw, 5/16-18 x 3/4" 77 2610973 Terminal Assy. (Use as required) 75 28423 Breather Assy., Valve 76 28424 Element, Breather 77 <td< td=""><td>56B</td><td>650690</td><td></td><td>Washer, Belleville (Use as required)</td></td<>	56B	650690		Washer, Belleville (Use as required)
56 650694A Screw, 5/16-18 x 2-1/4" (Use as required) 57 650695A Screw, 5/16-18 x 2-1/4" (Use as required) 57 29916 Clamp, Governor lever (Use as require d) 57A 30322 Locknut, 8-32 58 33454 Lever Assy., Governor 59 29918 Washer, Lock, No. 8 E.T. 61 650548 Screw, 10-32 x 3/4" 61 650548 Screw, 10-32 x 3/4" 65A 34661 Link, Governor 65 34662 Link, Governor 67A 34677 Control Bracket (Incl. 68, 69, 72 & 1 38) 68 31342 Spring, Compression 69 650549 Screw, 5-40 x 7/16" 72 610973 Terminal Assy. (Use as required) 74 27896A Gasket, Valve chamber cover 75 28423 Breather Assy., Valve 76 28424 Element, Breather 77 28425 Cover, Valve spring box 78 650128 Screw, 10-24 x 1/2" 79 35350<	56A	650691		Washer, Flat (Use as required)
56 650695A Screw, 5/16-18 x 2-1/4" (Use as required) 57 29916 Clamp, Governor lever (Use as require d) 57A 30322 Locknut, 8-32 58 33454 Lever Assy., Governor 69 29918 Washer, Lock, No. 8 E.T. 61 650548 Screw, 10-32 x 3/4" 62 29216 Locknut, 10-32 63 29826 Screw, 10-32 x 3/4" 65A 34661 Link, Governor 65 34662 Link, Throttle 67A 34677 Control Bracket (Incl. 68, 69, 72 & 138) 68 31342 Spring, Compression 68 Screw, 5-40 x 7/16" 72 610973 Terminal Assy. (Use as required) 74 27896A Gasket, Valve chamber cover 75 28423 Breather Assy., Valve 76 28424 Element, Breather 77 28425 Cover, Valve spring box 78 Screw, 10-24 x 1/2" 79 35350 Tube, Breather 80	56	650697A		Screw, 5/16-18 x 2-1/2" (Use as requi red)
57 29916 57A 30322 58 33454 Locknut, 8-32 59 29918 Washer, Lock, No. 8 E.T. 61 650548 Screw, 8-32 x 5/16" Locknut, 10-32 63 29826 Screw, 10-32 x 3/4" Link, Governor Link, Throttle Control Bracket (Incl. 68, 69, 72 & 1 38) Spring, Compression Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Spring, Compression Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Spring, Compression Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Spring, Compression Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Spring, Compression Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Spring, Compression Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Spring, Compression Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Screw, 5-40 x 7/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Screw, 10-20 x 3/16" Control Bracket (Incl. 68, 69, 72 & 1 38) Control Bracket (Incl. 68, 69, 72 & 1 38) Screw, 10-20 x 3/16" Control Bracket (Incl. 69, 69, 72 & 1 38) Screw, 10-20 x 3/16" Control Bracket (Incl. 90, 91, 92, 93, 94, 96) Control Bracket (Incl. 90, 91, 92, 93, 94, 96) Control Bracket (Incl. 90, 91, 92, 93, 94, 96) Control Bracket (Incl. 90, 91, 92, 93, 94, 96) Control Bracket (Incl. 90, 91, 92, 93, 94, 96) Control Bracket (Incl. 90, 91, 92, 93, 94, 96) Control Bracket (Incl. 90, 91, 92, 93, 94, 96) Control Bracket (Incl. 90, 91, 92, 93, 94, 96) Control Bracket (Incl. 90, 91, 92, 93, 94, 96) Control Bracket (Incl. 90, 91, 92, 93, 94, 96) Control Bracket (Incl. 90, 91, 92, 93, 94, 96) Control Bracket (Incl. 90, 91, 92, 93, 94, 96) C	56	650694A		Screw, 5/16-18 x 2" (Use as required)
57A 30322 58 33454 59 29918 Washer, Lock, No. 8 E.T. 61 650548 62 29216 63 29826 65 Screw, 10-32 x 3/4" 65A 34661 65 34662 67A 34677 Control Bracket (Incl. 68, 69, 72 & 1 38) 68 31342 69 650549 72 610973 74 27896A 75 28423 76 28424 77 28425 78 650128 79 35350 80 32446 81 32446 82 27915A 83 34712 83 34712 84 30196 85 31688 86 650517 87 27272A 86 650517 87 27272A 87 30767 88 34782 90 34782 90 34782 90 44 3480 94 34780 94 34780 94 34780 95 Screw, 10-32 x 7/8"	56	650695A		Screw, 5/16-18 x 2-1/4" (Use as requi red)
58 33454 59 29918 Washer, Lock, No. 8 E.T. 61 650548 62 29216 63 29826 65A 34661 65A 34661 65 34662 67A 34677 68 31342 69 650549 69 650549 69 650549 69 650549 60 650549 60 650549 60 650549 60 650549 60 650549 61 62 28424 62 88424 63 88424 64 677 65 88425 65 8650128 65 865013 65 8650163 65	57	29916		Clamp, Governor lever (Use as require d)
59 29918	57A	30322		Locknut, 8-32
61 650548 62 29216 63 29826 63 29826 65A 34661 65 34662 67A 34667 65 34662 67A 34677 Control Bracket (Incl. 68, 69, 72 & 1 38) 68 31342 69 650549 72 610973 74 27896A 75 28423 76 28424 77 28425 79 35350 78 650128 79 35350 70 32446 70 32446 71 2915A 72 7272A 73 727272A 73 727272A 74 727272 75 34782 76 34782 77 34780 78 650158 78 65017 78 727272A 79 30767 79 30767 70 52 52 52 52 52 52 52 52 52 52 52 52 52	58	33454		Lever Assy., Governor
61 650548 62 29216 63 29826 63 29826 53 29826 53 29826 54 34661 65 34662 67 34662 67 34667 68 31342 69 650549 69 650549 72 610973 74 27896A 75 28423 76 28424 77 28425 79 35350 78 650128 78 650128 79 35350 78 650128 79 35350 70 32446 70 32446 71 2843 72 79 1535 73 34712 74 30196 75 2843 76 38461 77 2845 78 30767 79 3656 78 650547 79 3727272 79 3727272 79 3727272 79 3727272 79 3727272 79 34782 79 34782 79 34780 79 34780 79 34780 79 34780 79 34780 79 34780 79 34780 79 34780 79 34782 79 34780 79 34780 79 34780 79 34780 79 34780 79 34780 79 34780 79 34780 79 34780 79 3500 79 25000 79 79 79 79 79 79 79 79 79 79 79 79 79 7	59	29918		Washer, Lock, No. 8 E.T.
62 29216 63 29826 63 29826 65A 34661 Link, Governor Link, Throttle 65 34662 Link, Throttle 67A 34677 Control Bracket (Incl. 68, 69, 72 & 1 38) Spring, Compression 69 650549 Screw, 5-40 x 7/16" 72 610973 Terminal Assy. (Use as required) 75 28423 Breather Assy., Valve Element, Breather 76 28424 Element, Breather 77 28425 Cover, Valve spring box 78 650128 Screw, 10-24 x 1/2" 79 35350 Tube, Breather tube 82 27915A 83 34712 Flange, Carburetor (Incl. 86A) 84 30196 Screw, 5/16-18 x 3/4" 85 31688A 86A 650517 Screw, 1/4-20 x 13/16" 87 27272A 87 30767 Spacer, Cleaner (Use as required) 88 34783 Sifter, Pre-air Filter, Pre-air	61	650548		
63 29826 65A 34661 65 34662 Link, Governor 65 34662 Link, Throttle 67A 34677 Control Bracket (Incl. 68, 69, 72 & 1 38) Spring, Compression 68 31342 Spring, Compression 72 610973 Terminal Assy. (Use as required) 74 27896A Gasket, Valve chamber cover 75 28423 Breather Assy., Valve 76 28424 Element, Breather 77 28425 Cover, Valve spring box Screw, 10-24 x 1/2" 79 35350 Tube, Breather 80 32446 Grommet, Breather tube 82 27915A Grommet, Breather tube 82 27915A Screw, 5/16-18 x 3/4" 85 31688A Screw, 5/16-18 x 3/4" 87 27272A Screw, 5/16-18 x 3/4" 87 27272A Screw, 1/4-20 x 13/16" 88 34783 Silter, Pre-air 89 34782 Pop Rivet (Incl. 97) 90 34782 Pop Rivet (Incl. 97) 91 34699 92 34698A Gasket, Air cleaner Gasket, Air cleaner Gasket, Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only) 94 34780 Pilbow, Air cleaner Screw, Air-cleaner Sc				
65A 34661 65 34662 Link, Throttle 67A 34677 Control Bracket (Incl. 68, 69, 72 & 1 38) Spring, Compression 68 31342 Spring, Compression 69 650549 Screw, 5-40 x 7/16" 72 610973 Terminal Assy. (Use as required) 74 27896A Gasket, Valve chamber cover 75 28423 Freather Assy., Valve 16 28424 Element, Breather 77 28425 Cover, Valve spring box 78 650128 Screw, 10-24 x 1/2" 79 35350 Tube, Breather 80 32446 Grommet, Breather tube 82 27915A Sasket, Intake pipe to cylinder 83 34712 Flange, Carburetor (Incl. 86A) Screw, 16-18 x 3/4" 85 31688A Screw, 16-18 x 3/4" 85 31688A Screw, 16-18 x 3/4" 86 A 650517 Screw, 1/4-20 x 13/16" 87 27272A 8 Air Cleaner Gasket (Use as required) 87 30767 Spacer, Cleaner (Use as required) 87 34782 Filter, Pre-air 90 34782 Pop Rivet (1/8" dia.) (Purchase local ly) 13 4699 Pracket, Air cleaner 91 34698 Gasket, Air cleaner 92 34698A Gasket, Air cleaner 93 30675 Fitting, Breather Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only) 94 34780 Elbow Assy., Air cleaner 10-32 x 7/8"				· · · · · · · · · · · · · · · · · · ·
65 34662 67A 34677 Control Bracket (Incl. 68, 69, 72 & 1 38) 68 1342 Spring, Compression 69 650549 Screw, 5-40 x 7/16" 72 610973 Terminal Assy. (Use as required) 74 27896A Gasket, Valve chamber cover 75 28423 Breather Assy., Valve 76 28424 Element, Breather 77 28425 Cover, Valve spring box 78 650128 Screw, 10-24 x 1/2" 79 35350 Tube, Breather 80 32446 Grommet, Breather tube 82 27915A Screw, 10-24 x 1/2" Flange, Carburetor (Incl. 86A) Screw, 5/16-18 x 3/4" 85 31688A Screw, 5/16-18 x 3/4" 85 31688A Screw, 1/4-20 x 13/16" 87 27272A Spring Grommet, Breather (Use as required) 87 30767 Spacer, Cleaner (Use as required) 87 34783 Filter, Pre-air 89 34782 Pop Rivet (1/18" dia.) (Purchase local ly) Bracket, Air cleaner 93 30675 Fitting, Breather 10-30,91,92,93,94,96) (Use in 730561 assembly only) 94 34780 Elbow, Air cleaner 10-32 x 7/8"				
67A 34677				
68 31342				
69 650549 Screw, 5-40 x 7/16" 72 610973 Terminal Assy. (Use as required) 74 27896A Gasket, Valve chamber cover 75 28423 Breather Assy., Valve 76 28424 Element, Breather 77 28425 Cover, Valve spring box 78 650128 Screw, 10-24 x 1/2" 79 35350 Tube, Breather 80 32446 Grommet, Breather tube 82 27915A * Gasket, Intake pipe to cylinder 83 34712 Flange, Carburetor (Incl. 86A) 84 30196 Screw, 516-18 x 3/4" 85 31688A * Gasket, Carburetor 86A 650517 Screw, 1/4-20 x 13/16" 87 27272A * Air Cleaner (asket (Use as required) 88 34783 Filter, Pre-air 89 34782 Filter, Air cleaner (Incl. 97) 90 34782 Pop Rivet (1/8" dia.) (Purchase local ly) 91 34699 Bracket, Air cleaner 92 34698A				
72 610973				. •
74 27896A Gasket, Valvé chamber cover 75 28423 Breather Assy., Valve 76 28424 Element, Breather 77 28425 Cover, Valve spring box 78 650128 Screw, 10-24 x 1/2" 79 35350 Tube, Breather 80 32446 Grommet, Breather tube 82 27915A * Gasket, Intake pipe to cylinder 83 34712 Flange, Carburetor (Incl. 86A) 84 30196 Screw, 5/16-18 x 3/4" 85 31688A * Gasket, Carburetor 86A 650517 Screw, 1/4-20 x 13/16" 87 27272A * Air Cleaner Gasket (Use as required) 87 30767 Spacer, Cleaner (Use as required) 88 34783 Filter, Pre-air 89 34782 Filter, Air cleaner (Incl. 97) 90 34782 Pop Rivet (1/8" dia.) (Purchase local ly) 91 34699 Bracket, Air cleaner 92 34698A Gasket, Air cleaner 93 30675 Fitting, Breather 94A 34819 Elbow				
75 28423 Breather Assy., Valve 76 28424 Element, Breather 77 28425 Cover, Valve spring box 78 650128 Screw, 10-24 x 1/2" 79 35350 Tube, Breather 80 32446 Grommet, Breather tube 82 27915A * Gasket, Intake pipe to cylinder 83 34712 Flange, Carburetor (Incl. 86A) 84 30196 Screw, 5/16-18 x 3/4" 85 31688A * Gasket, Carburetor 86A 650517 Screw, 1/4-20 x 13/16" 87 27272A * Air Cleaner Gasket (Use as required) 87 30767 Spacer, Cleaner (Use as required) 83 4782 Filter, Pre-air 90 34782 Filter, Air cleaner (Incl. 97) 90 34782 Pop Rivet (1/8" dia.) (Purchase local ly) 91 34698 Gasket, Air cleaner 92 34698A Gasket, Air cleaner 94 34819 Elbow, Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only) Elbow, Air cleaner 95 <td< td=""><td></td><td></td><td></td><td></td></td<>				
Telement, Breather Cover, Valve spring box				•
77 28425				
78 650128 Screw, 10-24 x 1/2" 79 35350 Tube, Breather 80 32446 Grommet, Breather tube 82 27915A * Gasket, Intake pipe to cylinder 83 34712 Flange, Carburetor (Incl. 86A) 84 30196 Screw, 5/16-18 x 3/4" 85 31688A * Gasket, Carburetor 86A 650517 Screw, 1/4-20 x 13/16" 87 27272A * Air Cleaner Gasket (Use as required) 87 30767 Spacer, Cleaner (Use as required) 88 34783 Filter, Pre-air 89 34782 Filter, Air cleaner (Incl. 97) 90 34782 Pop Rivet (1/8" dia.) (Purchase local ly) 91 34698 Gasket, Air cleaner 93 30675 Fitting, Breather 94A 34819 Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only) Elbow, Air cleaner 95 650163 Screw, 10-32 x 7/8"				
79 35350				
80 32446 82 27915A 83 34712 84 30196 85 31688A 86 650517 87 27272A 88 34782 89 34782 89 34698A 89 34698 89 34782 80 34780 80 32446 80 Grommet, Breather tube 8 * Gasket, Intake pipe to cylinder 8 * Gasket, Air Cleaner 9 * Air Cleaner (Incl. 86A) 8 * Screw, 1/4-20 x 13/16" 8 * Air Cleaner (Use as required) 8 * Spacer, Cleaner (Use as required) 8 * Spacer, Cleaner (Use as required) 8 * Filter, Pre-air 9 *				•
82 27915A * Gasket, Intake pipe to cylinder 83 34712 Flange, Carburetor (Incl. 86A) 84 30196 Screw, 5/16-18 x 3/4" 85 31688A * Gasket, Carburetor 86A 650517 Screw, 1/4-20 x 13/16" 87 27272A * Air Cleaner Gasket (Use as required) 87 30767 Spacer, Cleaner (Use as required) 88 34783 Filter, Pre-air 89 34782 Filter, Air cleaner (Incl. 97) 90 34782 Pop Rivet (1/8" dia.) (Purchase local ly) 91 34699 Bracket, Air cleaner 92 34698A Gasket, Air cleaner 93 30675 Fitting, Breather 94A 34819 Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) Use in 730561 assembly only) Elbow, Air cleaner 95 650163 Screw, 10-32 x 7/8"				
83 34712 Flange, Carburetor (Incl. 86A) 84 30196 Screw, 5/16-18 x 3/4" 85 31688A * Gasket, Carburetor 86A 650517 Screw, 1/4-20 x 13/16" 87 27272A * Air Cleaner Gasket (Use as required) 87 30767 Spacer, Cleaner (Use as required) 88 34783 Filter, Pre-air 89 34782 Filter, Air cleaner (Incl. 97) 90 34782 Pop Rivet (1/8" dia.) (Purchase local ly) 91 34699 Bracket, Air cleaner 92 34698A Gasket, Air cleaner 93 30675 Fitting, Breather 94A 34819 Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) Use in 730561 assembly only) Elbow, Air cleaner 95 650163 Screw, 10-32 x 7/8"				,
84 30196 85 31688A 86 650517 87 27272A 88 34783 89 34782 90 34782 91 34699 92 34698A 93 30675 94 34780 84 34780 85 31688A 8 * Gasket, Carburetor 8 Gasket, Carburetor 8 * Air Cleaner (Incl. 97) 90 * Pop Rivet (1/8" dia.) (Purchase local ly) 91 * Gasket, Air cleaner 92 * Gasket, Air cleaner 93 * Gasket, Air cleaner 94 * Gasket, Air cleaner 95 * Gasket, Air cleaner 96 * Gasket, Air cleaner 97 * Gasket, Air cleaner 98 * Gasket, Carburetor 99 * Gasket, Carburetor 90 * Gasket, Air cleaner 90 * Gasket, Air cleaner 91 * Gasket, Air cleaner 92 * Gasket, Air cleaner 93 * Gasket, Air cleaner 94 * Gasket, Carburetor 95 * Gasket, Carburetor 96 * Gasket, Carburetor 97 * Gasket, Carburetor 98 * Gasket, Carburetor 99 * Gasket, Carburetor 99 * Gasket, Carburetor 90 * Gasket, Carburetor 90 * Gasket, Carburetor 90 * Gasket, Carburetor 90 * Gasket, Carburetor 91 * Gasket, Carburetor 91 * Gasket, Carburetor 92 * Gasket, Carburetor 93 * Gasket, Carburetor 94 * Gasket, Carburetor 95 * Gasket, Carburetor 96 * Gasket, Carburetor 97 * Gasket, Carburetor 98 * Gasket, Carburetor 98 * Gasket, Carburetor 98 * Gasket, Carburetor 99 * Gasket, Ca				· · · · · · · · · · · · · · · · · · ·
85 31688A * Gasket, Carburetor 86A 650517 Screw, 1/4-20 x 13/16" 87 27272A * Air Cleaner Gasket (Use as required) 87 30767 Spacer, Cleaner (Use as required) 88 34783 Filter, Pre-air 89 34782 Filter, Air cleaner (Incl. 97) 90 34782 Pop Rivet (1/8" dia.) (Purchase local ly) 91 34699 Bracket, Air cleaner 92 34698A Gasket, Air cleaner 93 30675 Fitting, Breather 94A 34819 Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only) Elbow, Air cleaner 95 650163 Screw, 10-32 x 7/8"				• • • • • • • • • • • • • • • • • • • •
86A 650517 Screw, 1/4-20 x 13/16" 87 27272A * Air Cleaner Gasket (Use as required) 87 30767 Spacer, Cleaner (Use as required) 88 34783 Filter, Pre-air 89 34782 Filter, Air cleaner (Incl. 97) 90 34782 Pop Rivet (1/8" dia.) (Purchase local ly) 91 34699 Bracket, Air cleaner 92 34698A Gasket, Air cleaner 93 30675 Fitting, Breather 94A 34819 Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only) Elbow, Air cleaner 95 650163 Screw, 10-32 x 7/8"				•
87 27272A * Air Cleaner Gasket (Use as required) 87 30767 Spacer, Cleaner (Use as required) 88 34783 Filter, Pre-air 89 34782 Filter, Air cleaner (Incl. 97) 90 34782 Pop Rivet (1/8" dia.) (Purchase local ly) 91 34699 Bracket, Air cleaner 92 34698A Gasket, Air cleaner 93 30675 Fitting, Breather 94A 34819 Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only) Elbow, Air cleaner 95 650163 Screw, 10-32 x 7/8"				· · · · · · · · · · · · · · · · · · ·
87 30767 Spacer, Cleaner (Use as required) 88 34783 Filter, Pre-air 89 34782 Filter, Air cleaner (Incl. 97) 90 34782 Pop Rivet (1/8" dia.) (Purchase local ly) 91 34699 Bracket, Air cleaner 92 34698A Gasket, Air cleaner 93 30675 Fitting, Breather 94A 34819 Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only) Elbow, Air cleaner 95 650163 Screw, 10-32 x 7/8"				
88 34783 Filter, Pre-air 89 34782 Filter, Air cleaner (Incl. 97) 90 34782 Pop Rivet (1/8" dia.) (Purchase local ly) 91 34699 Bracket, Air cleaner 92 34698A Gasket, Air cleaner 93 30675 Fitting, Breather 94A 34819 Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only) 94 34780 Elbow, Air cleaner 95 650163 Screw, 10-32 x 7/8"				• • •
89 34782 Filter, Air cleaner (Incl. 97) 90 34782 Pop Rivet (1/8" dia.) (Purchase local ly) 91 34699 Bracket, Air cleaner 92 34698A Gasket, Air cleaner 93 30675 Fitting, Breather 94A 34819 Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) Use in 730561 assembly only) Elbow, Air cleaner 95 650163 Screw, 10-32 x 7/8"				. ,
90 34782				·
91 34699 Bracket, Air cleaner 92 34698A Gasket, Air cleaner 93 30675 Fitting, Breather 94A 34819 Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only) 94 34780 Elbow, Air cleaner 95 650163 Screw, 10-32 x 7/8"				
92 34698A Gasket, Air cleaner 93 30675 Fitting, Breather 94A 34819 Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only) 94 34780 Elbow, Air cleaner 95 650163 Screw, 10-32 x 7/8"				• • • • • • • • • • • • • • • • • • • •
93 30675 Fitting, Breather 94A 34819 Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only) 94 34780 Elbow, Air cleaner 95 650163 Screw, 10-32 x 7/8"				
94A 34819 Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only) 94 34780 Elbow, Air cleaner 95 650163 Elbow, Air cleaner Screw, 10-32 x 7/8"				
(Use in 730561 assembly only) 94 34780 Elbow, Air cleaner 95 650163 Screw, 10-32 x 7/8"				<u> </u>
94 34780 Elbow, Air cleaner 95 650163 Screw, 10-32 x 7/8"	94A	34819		
95 650163 Screw, 10-32 x 7/8"	94	34780		
96 650826 Stud, 1/4-20 x 6.20, threaded both en ds				
	96	650826		Stud, 1/4-20 x 6.20, threaded both en ds

Ref #	Part Number	Qty	Description
97	650825		Nut & Lockwasher, 1/4-20
99	34781		Cover, Air cleaner
	650513		Nut, Wing, 1/4-20
	34158		Bracket, Fuel tank
102	650665		Screw, 1/4-14 x 7/8"
103	34159		Plate, Fuel tank mounting
104	34186A		Fuel Tank (Incl. 105 & 107) NOTE: These tanks
			were built with different size fuel inlet openings.
			Tanks with the 1-3/16" I.D. opening use fuel cap
			33032 or 34210. Tanks with the 1-1/2" I.D. opening
			use fuel cap 35355.
105	410144B		Fuel Can (Mhite Plactic) (Std.) (As required)
			Fuel Cap (White Plastic)(Std.)(As req uired)
105	33032		Fuel Cap (Red Plastic) (Spurt resistant, Low profile)
			(Use as required)
405	24240		First Con (Dod Dioctic) (Count resistant High mostile)
105	34210		Fuel Cap (Red Plastic) (Spurt resistant, High profile)
			(Use as required)
105	25255		Fuel Con (Ped pleetie) (Hee or required)
	35355		Fuel Cap (Red plastic) (Use as required)
	29774		Fuel Line (Braided, 8 1/4") (Use as r equired)
	30962		Fuel Line (Braided, 32") (Use as required)
107	26460		Clamp, Fuel line (Use as required)
108	32158E		Blower Housing (For electric starter)
	29747B		Screw, 5/16-24 x 21/32"
	33714		Opt.Spark Arrest Muf.(Incl.112,143,14 4,144A)
			• •
	391026		Opt.Spark Arrest Muf.(Incl.143,143A,1 43B)
	29633		Muffler
111E	34390		Deflector, Exhaust (Optional)
115	32125		Cup, Starter
116	35009		Screen, Starter cup
	650815		Washer, Belleville
	8116		Nut, Hex
	29716		Screw, 1/4-28 x 7/16"
	31793		Bearing, Ball
127A	31855		Retainer, Bearing
128	31792		Washer, Thrust
129	650778		Washer, Lock
	650580		Nut, Lock
	32410		·
			Knob, Speed control
	34663		Spring, Speed control
	650821		Screw, 10-32 x 1/2"
143	650578		Screw, 8-18 x 3/8" (Use as required)
143A	33171		Screen, Muffler (Use as required)
	33185		Cover & tube, Muffler (Use as require d)
	33700		Cover & Tube, Muffler (Use as require d)
			• • • • • • • • • • • • • • • • • • • •
	33323		Screen, Muffler (Use as required)
	31297		Dipstick (Incl. 146A)
	29673		* Gasket, Oil fill
170	30244		Nipple, Pipe
201A	730130		Muffler Adapter Kit (Incl.110,112)(As req.)
	730561		Air Cleaner Kit
2010	. 55551		(Incl.74,79,80,87,88,89,90,91,92,94,95,96,97,99,100
			& 230C) (Used only on engine with an externally
			vented fully adjustable carburetor)

Ref #	Part Number	Qty	Description
201	730164		Air Cleaner Ass'y. (Red Poly)(Incl.87,120,121,122,123,124 & 230)(As req.)
201	730164		Air Cleaner Kit, Mini bike (Incl.87,120,121,122,123 & 124) (Use as required)
230 230C 230B 231A 231 232A 240 241 242 242 243 244	34346 550223 34704 34144 30548B 30547A 631021 611077 650868 611078 611079 590610 590613 632257		Decal, Instruction Decal, Name Decal, Instruction Decal, Control Condenser Breaker Assy (Used on Std. Point igni tion) Inlet, Needle Seat & Clip Assy. Alternator (Optional) Screw, 8-18 x 1-1/8" (3 required)(Opt.) Connector, A.C. Lighting (Optional) Connector, D.C. Charging (Optional) Tube, Centering (Optional) Alternator Shaft (Optional) Carburetor (Incl. 85) (Refer to Division 5, Section A,
251	611038		page 184 for breakdown) Magneto NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually, as shown in parts list. (Refer to Division 5, Section B, page 39 for breakdown)
252	590420A		Rewind Starter (Refer to Division 5, Section C, page 25 for breakdown)
254	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#255). Refer to service number stamped on end cap of motor or on decal for identificat
255	30811A		Flywheel (Ring gear flywheel requiredon engines using 110-120 volt starter motor kits listed above) (Used on Std. point ignition before 1982)
255	611042		Flywheel (Ring gear flywheel requiredon engines using 110-120 volt starter motor kits listed above) (Used on Std. point ignition 1982 or later)
255	611085		Flywheel (Minimum ring gear flywheel required on engines using 110-120 volt starter motor kits listed above) (Used on solid state external ignition)
256	33235A		Gasket Set (Incl. items marked*)