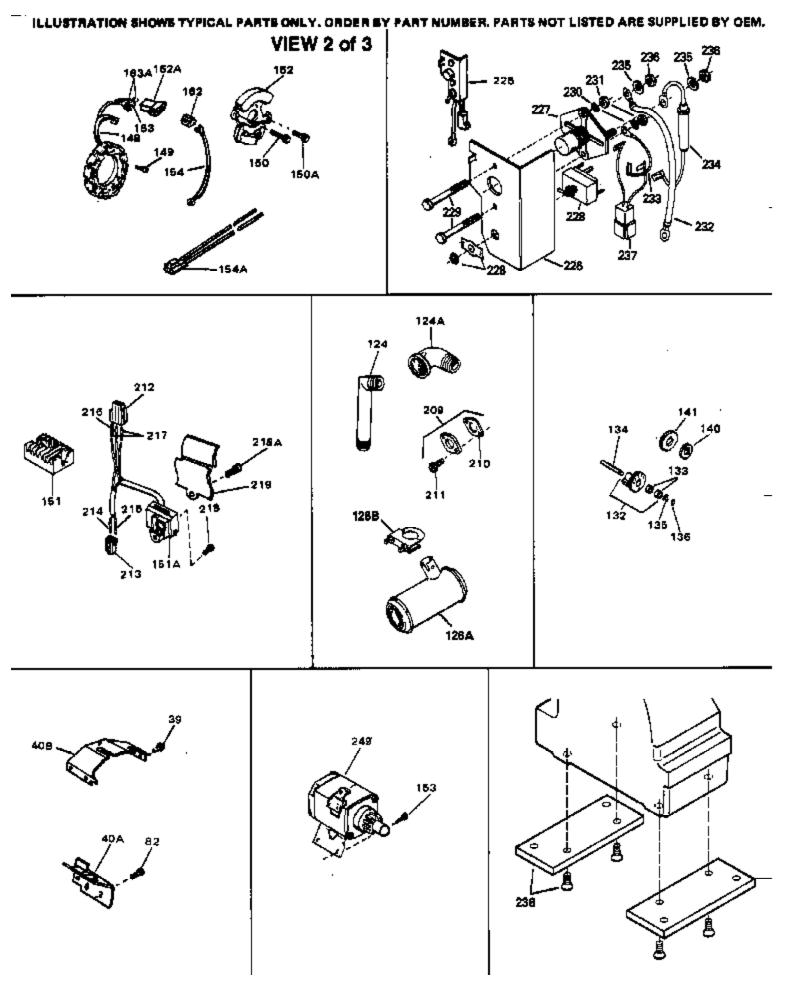


Ref #	Part Number	Qty	Description
2 2 2 2 2 2 4	33464A 31927 28483 9556 28534 27652 33497C		Cylinder (Incl. 2, 4 & 33) (3-1/2" Bo re) Pipe Plug, 3/8-18 sq. head (Use as re quired) Pipe Plug (3/8-18 hex countersunk) (A s req.) Pipe Plug (3/4-14 sq.hd.)(As req.)(Bu y local) Pipe Plug (1/8-27 sq. hd.) (Use as re quired) Pipe Plug(1/8-27 hex c/sunk headless) (As req) Pin, Dowel Crankshaft (Incl. 6 thru 9, 140 & 141) NOTE: When using this crankshaft to repair older units equippedwith straight cut cam and governor gears,it will be necessary to order 34751 helical governor gear assembly and 34752 helical camshaft in order to the complete the repair.
7 8 9 11 11 11 11 11 11 11 11 11 11 11 11 1	29783 31931 31932 31928 34511 34512 34513 32238B 32239B 32240B 31919 32241 32242 32243 33093A 34383 34384 32077 26073 28264 33470 33472 33471 33505 33645 33506 33645 33506 33646 33507 33508 33509 34410 33510 33473 650745 35479 30590A 31948 31956B		helical camshaft in order to the complete the repair. Pin, Crankshaft gear Gear, Crankshaft (Straight) Bearing, Tapered roller Cup, Bearing Piston, Pin & Ring Set (Std.) (3-1/2" Bore) Piston, Pin & Ring Set (.020" OS) Piston & Pin Assiy. (Std.) (3-1/2")(In cl.12) Piston & Pin Assiy. (Std.) (3-1/2")(In cl.12) Piston & Pin Assiy. (.020 " OS) (Incl. 12) Piston & Pin Assiy. (.020 " OS) (Incl. 12) Ring, Piston pin retaining Ring Set (Std.) (3-1/2" Bore) Ring Set (.010" OS) Ring Set (.010" OS) Ring Set (.020" OS) Connecting Rod Assy.(Std.)(Incl.15, 1 6 & 17) Connecting Rod Assy.(Std.)(Incl.15, 1 6 & 17) Connecting Rod Assy.(.020" US)(Incl.1 5,16,17) Connecting Rod Assy.(.020" US)(Incl.1 5,16,17) Bolt, Connecting rod Washer, Connecting rod Nut Assy. Camshaft (MCR) (Straight) Lifter, Valve Rod, Push Intake Valve (Std.) Intake Valve (Std.) Intake Valve (Std.) Exhaust Valve (Std.) Exhaust Valve (Std.) Exhaust Valve (Std.) Exhaust Valve (Std.) Exhaust Valve (Std.) Ping (Intake only) (Also Incl. in 251) * "O" Ring (Intake only) (Also Incl. in 251) Cap, Valve Governor Gear & Shaft Ass'y. (Straigh t) Washer, Flat Washer, Flat Washer, Flat Washer, Flat Washer, Flat Washer, Flat Washer, Flat
32 33 34 35 36 37	33466 31950 650451 650492 32425 32426 29193		Cylinder Cover Ass'y. (Incl.2, 33 & 1 34) * Seal, Oil Screw, 1/4-20 x 1" Screw, 1/4-20 x 2-1/4" Rod Assy., Governor Spacer, Governor rod Ring, Retaining

	Part Number Qty	
	650687	Screw, 10-32 x 5/16"
40	33495	Cover, Cylinder head
41	34225A	* Gasket, Cylinder head
42	33465	Head, Cylinder
	33657	Spark Plug (L-82C)
	650690	Washer, Belleville
	650691	Washer, Flat
	650746	
		Screw, 5/16-18 x 1-3/8"
	650692	Screw, 5/16-18 x 1-3/4"
	730218	Valve Guide Kit (Incl. 49)
	792035	Ring, Retaining
50	33515A	* Gasket, Intake pipe
51	33475	Pipe, Intake
	650378	Screw, Torx T-30, 5/16-18 x 1-1/8"
	792028	Screw, 5/16-18 x 7/8"
	33476A	* Gasket, Carburetor
		•
	33477A	Baffle, Air cleaner
	792075	Nut, Lock 5/16-24 (Used in early prod uction)
	33478	Link, Governor lever-to-throttle leve r
58	31963	Lever, Governor
59	31964	Clamp, Governor lever
60	650518	Lockwasher, No. 10 E.T.
	30312	Screw, 10-32 x 1/2"
	650544	Screw, Torx T-25, 10-24 x 7/8"
	7975	Nut, 10-24
	31965	Plate, Governor spring
	33054	Lever Assy., Control
66	28558	Washer, Wave
67	31966	Bushing, Governor lever
68	650597	Screw, 10-24 x 5/8"
	31967	Spring, Governor
	650591	Screw, 10-24 x 2"
	33099	
		Spring
	32599	"O" Ring (Incl. in 251)
	650666	Washer, Lock
	32579	Baffle, Blower housing
75	650561	Screw, 1/4-20 x 5/8"
76	650592	Key, Flywheel
	610854	Flywheel
	730201	Trigger Pin Kit (Use as required)
	650594	
		Nut, Flywheel
	610855	Solid State Magneto (Incl. 158, 159 & 160)
	650661	Screw, 1/4-20 x 3/4"
	33479	Extension, Blower housing
82	30063	Screw, 1/4-20 x 1/2"
83	650751	Screw, 1/4-20 x 7/16"
	33775A	Blower Hsg.(Incl.218A,219)(For elec.s tarter)
	8274	Washer, Lock
	8274	
		Washer, Lock
	650595	Screw, 5/16-24 x 3/8"
	650595	Screw, 5/16-24 x 3/8"
	650752	Screw, 1/4-20 x 7/16"
88	35475	Tube, Push rod
	33481	* "O" Ring (Also Incl. in 251)
	34754	Housing, Rocker arm
	33484	* "O" Ring (Also Incl. in 251)
	650169	Washar Elat
95	650168 32610A	Washer, Flat Screw, 1/4-20 x 29/32"

97       33485       Arm, Rocker         98       33486       Ring, Retaining         99       650755       Strew, 1/4-20 X 34"         100       650864       Nut, Hox, 1/4-20         101       650756       Stud, Rocker arm         102       33487       *0" Ring (Also Ind. in 251)         103       33488       Cover, Rocker arm         104       31958A       * Gasket, Breather (Also Ind. in 251)         105       33490       Tube, Breather         106       33490       Tube, Breather         107       31012       * Screw, 10-32 x 58" (Also Ind. in 25 1)         108       650738       Screw, 10-32 x 58" (Also Ind. in 25 1)         113       53472       Bracket, Air celeaner         114       650308       Element, 1: celeaner         117       650513       Nut, Wing         118       650676       Screen, Pulley         122       650670       Screen, Pulley         123       3776       Screen, Pulley         123       65074       Screen, Pulley         123       65070       Screen, Nule AV 34"         123       65070       Screen, Pulley         123       Screen, Scree	Ref #	Part Number Qty	Description
99         650756         Scröw, 1/4-20, 34"           100         650664         Nut, Hex, 1/4-20           101         650756         Stud, Rocker am           103         33487         "O'' Ring (Also Ind. In 251)           103         33488         Cover, Rocker am           104         31958A         "Gaster, Breather (Also Ind. In 251)           105         33490         Tube, Breather           107         30102         "Screw, 10-32 x 58" (Also Ind. In 251)           108         650738         Screw, 10-32 x 58" (Also Ind. In 251)           113         5471         "Gaster, Air cleaner           114         650398         Screw, 10-32 x 58"           115         32010         Cover, Air cleaner           116         52050         Washer, Flat           117         650513         Nut, Wing           118         65075         Screen, 714/20 X 34"           123         33776         Screen, 714/20 X 34"           123         52770         Screen, 714/20 X 34"           123         520570         Screen, 714/20 X 34"           123         520570         Screen, 714/20 X 34"           123         52077         Screen, 714/20 X 34"	97	33485	Arm, Rocker
100         ESOB64         Nut, Hex, 1/4-20           101         ESOF66         Stud, Rocker am         "O' Ring (Also Incl. in 251)           103         33488         "Cover, Rocker am         Total, Rocker am           104         31958A         "Gasket, Breather (Also Incl. in 251)         Body Assy, Breather           105         33489         Body Assy, Breather         Tota, Basket, Air cleaner           107         20102         "Screw, 10-32 x 58" (Also Incl. in 25 1)           108         ESO736         Screw, 10-32 x 58" (Also Incl. in 25 1)           109         ESO744         Tota, Rocket, Air cleaner           112         35472         Bracket, Air cleaner           113         Screw, 10-32 x 58"         Screw, 10-32 x 58"           116         Score, Screen         Screw, 1-42.0 x 43"           117         SS0513         Nut, Wing           118         Score, 7         Screen, 7-42.0 x 34"           123         S776         Screen, 7-42.0 x 34"           123         S2777         Washer, Lock           127         S2808         Nipple, Exhaust pipe           138         S3467         Tube extension, Oil fill           146         32577         Cover, Cyinder NOTE: Determine the gap betw	98	33486	Ring, Retaining
101         ES0756         Stud, Rocker am           103         33488         Cover, Rocker am           104         31958A         * Casker, Breather (Also Incl. in 251)           105         33489         Body Assy, Breather           106         33490         Tube, Breather           107         30102         * Screw, 10-32 x 5/8" (Also Incl. in 251)           108         650738         Screw, 10-32 x 5/8" (Also Incl. in 251)           108         500748         Screw, 10-32 x 5/8" (Also Incl. in 251)           108         500738         Screw, 10-32 x 5/8" (Also Incl. in 251)           108         500744         An cleaner           114         500399         Screw, 10-32 x 5/8"           115         500575         Washer, Flat           119         32426         Spacer, Screen           122         50070         Screw, 10-24 x 7/8"           123         27070         Washer, Lock           124         500590         Nut, Conduit           127         32080         Npple, Exhaust tope           137         505744         Screw, 10-24 x 7/8"           138         33467         Tube extension, 011 milled to a combined total of .010" thinck. Steel spacersmust be used a screw to 43 mille to a	99	650755	Screw, 1/4-20 x 3/4"
102       33487       "O' Ring (Also Incl. in 251)         103       33488       Cover, Rooker am         104       31958A       "Gasket, Breather (Also Incl. in 251)         105       33499       Body Assy., Breather         106       30499       Tube, Breather         107       30102       "Screw, 10-32 x 58" (Also Incl. in 251)         108       650738       Granw, 10-32 x 58" (Also Incl. in 251)         119       54771       "Gasket, Air cleaner         112       35477       Bracket, Air cleaner         114       650399       Granw, 10-32 x 58"         115       32030       Element, Air cleaner         116       650673       Washer, Fait         118       650673       Washer, Fait         123       3776       Screen, Pulley         122       65070       Screen, Pulley         123       32770       Washer, Lock         124       650590       Nut, Yong         138       33467       Tube extension, Oli fill         146       32577       Cover, Cylinder, NOTE: Determine the gap between the cover and the machined surface on the cover and	100	650864	Nut, Hex, 1/4-20
102       33487       "O' Ring (Also Incl. in 251)         103       33488       Cover, Rooker am         104       31958A       "Gasket, Breather (Also Incl. in 251)         105       33499       Body Assy., Breather         106       30499       Tube, Breather         107       30102       "Screw, 10-32 x 58" (Also Incl. in 251)         108       650738       Granw, 10-32 x 58" (Also Incl. in 251)         119       54771       "Gasket, Air cleaner         112       35477       Bracket, Air cleaner         114       650399       Granw, 10-32 x 58"         115       32030       Element, Air cleaner         116       650673       Washer, Fait         118       650673       Washer, Fait         123       3776       Screen, Pulley         122       65070       Screen, Pulley         123       32770       Washer, Lock         124       650590       Nut, Yong         138       33467       Tube extension, Oli fill         146       32577       Cover, Cylinder, NOTE: Determine the gap between the cover and the machined surface on the cover and	101	650756	Stud, Rocker arm
10333488Cover, Rocker am10431958A* Gasket, Brather (Nos Incl. in 251)10533489Body Assy., Breather10730102* Screw, 10-32 x 5/8" (Also Incl. in 251)108650738Screw, 10-42 x 5/8" (Also Incl. in 251)11135471* Gasket, Air cleaner111235472Bracket, Air cleaner11235472Bracket, Air cleaner114650399Screw, 10-32 x 5/8"11530008Element, Air cleaner11632210Cover, Air cleaner117650513Nut, Wing118650075Washer, Flat12332776Screen, Pulley122650670Screw, 10-24 x 7/8"123850675Washer, Lock124850744Screw, 10-24 x 7/8"125850770Washer, Lock126850777Washer, Lock137650744Screw, 10-24 x 7/8"13833467Tube extension, Oll fill14632577Cover, Cylinder NOTE: Determine the gap between the over 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 gaskets must be limited to a combined total of .010" hick. Steel spacersmust be used a15631972* Gasket, Shim (0.004/0.05 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 gaskets must be limited to a combined total of .010" hick. Steel spacersmu			
104       31955A       * Gasket. Breather (Also Incl. in 251)         106       33499       Body Assy. Breather         107       30102       * Screw, 10-32 x 58° (Also Incl. in 251)         108       650738       Screw, 10-32 x 58° (Also Incl. in 251)         111       35471       * Gasket, Air cleaner         112       25472       Bracket, Air cleaner         113       53008       Element, Air cleaner         114       65039       Screw, 10-32 x 58°         115       32008       Element, Air cleaner         116       33300       Cover, Air cleaner         117       650573       Washer, Flat         118       650676       Screw, 1/4-20 x 34°         122       560670       Screw, 1/4-20 x 34°         123       32466       Nipple, Exhaust pipe         137       650744       Screw, 10-24 x 78°         138       33467       Tube exhersion, Off ill         146       32577       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 gaskets must be limited to a combined total of .010° thick. Steel spacersmust be used a         147       792028       Screw, 5/16-18 x 7/8°			
105     33489     Body Asy., Breather       107     30102     * Screw, 10-32 x 58" (Also Incl. in 25 1)       108     650738     Screw, 10-42 x 58" (Also Incl. in 25 1)       111     35471     * Gasket, Air cleaner       112     35472     Bracket, Air cleaner       114     65039     Screw, 10-32 x 58"       115     32006     Element, Air cleaner       116     620513     Nut, Wing       117     650575     Washer, Flat       123     32476     Spacer, Screen       123     Screw, 1/4-20 x 3/4"     Screw, 1/4-20 x 3/4"       123     50570     Screw, 1/4-20 x 3/4"       123     Scroen, Pulley     Screw, 1/4-20 x 3/4"       123     505070     Screw, 1/4-20 x 3/4"       123     505070     Screw, 1/4-20 x 3/4"       123     505070     Screw, 1/4-20 x 3/4"       124     505070     Screw, 1/4-20 x 3/4"       125     565080     Nut, Conduit       127     32908     Nitple, Exhaust pipe       137     560744     Screw, 1/4-20 x 3/4"       138     33/467     Tube extension, Ol fill       146     32577     Cover, Cylinder NOTE: Determine the gap between the cover and the machined surface on the cylinder, which case the on shim gaskets will be required. Use of gaskets mu			
10633400Tube, Breather10730102* Screw, 10-32, K58"118650738Screw, 10-32, K58"11135471* Gasket, Air cleaner11235472Bracket, Air cleaner114650399Screw, 10-32, K58"11532008Element, Air cleaner11632310Cover, Air cleaner117650673Wather, Flat118620675Screw, 14-20, X34"128620670Screw, 14-20, X34"128260670Screw, 14-20, X34"128505690Nut, Conduit12732808Nipple, Exhaust pipe137650744Screw, 10-24, X78"13833467Tube extension, Oli fill14632577Cover, 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 canse no shim gaskets will be required to eli of .010" thick. Steel spacersmust be used as required to eli of .010" thick. Steel spacersmust be used as required to eli spacersmust be used a147792028Screw, 5/16-18 x 7/8"15531971* 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 gaskets must be limited to a combined total of .010" thick. Steel spacersmust be used a16631972* 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 cas			
10730102* Screw, 10-32 x 5/8° (Also Ind. in 25 1)108600738Screw, 1/4-20 X 5/8°11135471* Gasket, Air cleaner11235472Bracket, Air cleaner114600399Screw, 10-32 x 5/8°11530008Element, Air cleaner11632810Cover, Air cleaner117600575Washer, Flat11932426Spacer, Screen12033776Screem, Pulley122650570Washer, Lock12327070Washer, Lock125650590Nut, Conduit12732806Nipple, Extraust pipe13833467Tube extension, Oil fill14632577Cover, Qinder Molte: NOTE: Determine the gap between the cover and the machined surface on the cylinder, which can be from. Out", up to 007°, in which case no shim gaskets will be required. Use of gaskets must be limited to a combined total of 0.10° thick. Steel spacersmust be used as required to eli147792028Screw, 5/16-18 x 7/8°15631971* Gasket, Shim (006/007 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 gaskets must be limited to a combined total of .010° thick. Steel spacersmust be used a15631972* Gasket, Shim (006/007 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 gaskets must be limited to a combined total of .010			
106660738Screw, 1/4-20 x 58°11135471* Gasket, Air cleaner11235472Bracket, Air cleaner114650399Screw, 10-32 x 56°11532008Element, Air cleaner116A32810Cover, Air cleaner117650613Nut, Wing118650675Washer, Flat11932426Spacer, Screen12033776Screen, Pulley122650670Screen, Pulley122650690Nut, Conduit1273208Nig, Exhaust pipe137650744Screen, 101214632577Cover, Cylinder NOTE: Determine the gap between the cover and the machined surface on the cylinder, which case ho shim gaskets will be required. Use of gaskets must be limited to a combined total of 010° thick. Steel14772028Screw, 6/16-18 x 7/8°15531971* 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 gaskets must be limited to a combined total of .010° thick. Steel spacersmust be used a15631972* 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 gaskets must be limited to a combined total of .010° thick. Steel spacersmust be used a15631972* Gasket, Shim (005/.007 thick) NOTE: Determine the gap between the cover and the machined surface on			,
111       36471       * Gasket, Air cleaner         112       36472       Bracket, Air cleaner         116       600399       Screw, 10.32 x 5/8"         116       32810       Cover, Air cleaner         117       600513       Nut, Wing         118       600575       Washer, Flat         119       32426       Spacer, Screen         120       3776       Screen, Pulley         122       650670       Washer, Lock         123       27070       Washer, Lock         124       650680       Nut, Conduit         125       650744       Screw, 10-24 x 7/8*         138       33467       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 gaskets must be limited to a combined total of 010* thick. Steel spacersmust be used as required to eil         147       792028       Screw, 5/16-18 x 7/8*         155       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 gaskets must be limited to a combined total of 010* thick. Steel spacersmust be used a         156       31972       * Gasket, Shim (004/005 thick) NOTE: Determine the gap			
11235472Bracket, Air cleaner114650399Screw, 10-32 x 58°11632010Cover, Air cleaner116A32810Cover, Air cleaner117650513Wi, Wing118650675Washer, Flat12033776Screen, Pulley122650500Screen, Pulley12327070Washer, Lock12327070Washer, Lock12327070Washer, Lock124550590Nut, Conduit1273208Nipple, Exhaust pipe137650744Screw, 10-24 x 78°13833467Tube extension, Oll fill14632577Cover, 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 gaskets must be limited to a combined total of 010° thick. Steel spacersmust be used as required to al of 010° thick. Steel spacersmust be used as required to al of 010° thick. Steel spacersmust be used as required to al or shim gaskets will be required. Use of gaskets must be limited to a combined total of 010° thick. Steel spacersmust be used a15631972* 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 gaskets must be limited to a combined total of .010° thick. Steel spacersmust be used a15631972* Gasket, Shim (005/007 thick) NOTE: Determine the gap between the cover and the machined surface on the cylinder, which			
114660399Screw, 10-32 x 5/8"11532008Element, Air cleaner116A32810Cover, Air cleaner117650513Nut, Wing118650675Washer, Flat12033776Screen, Pulley122650670Screen, Flat12327070Washer, Lock1242650530Nut, Conduit12732208Nipple, Exhaust pipe13833467Tube extension, Oli fill14632577Cover, Cylinder NOTE: Determine the gap between the cover and the machined surface on the cylinder, which case here enquired. Use of gaskets must be limited to a combined total of 010" thick. Steel spacersmust be used as required to ell147792028Screw, 5/16-18 x 7/8"15631972* 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 gaskets must be limited to a combined total of .010" thick. Steel spacersmust be used a15631972* 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 gaskets must be limited to a combined total of .010" thick. Steel spacersmust be used a15631972* 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 gaskets must be limited to a combined total			
11632008Element, Air cleaner116A32810Cover, Air cleaner117650513Nut, Wing118650675Washer, Flat12033776Screen, Pulley122650670Screen, Pulley12327070Washer, Lock126550580Nut, Conduit1273208Nippel, Exhaust pipe13833467Tube extension, Oil fill14632577Cover, Oylinder 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 gaskets must be limited to a combined total of .010" thick. Steel spacersmust be used as required to eil spacersmust be used as required to eil147792028Screw, 16/1-81 x 778"15631971* Gasket, Shim (004/0007 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 gaskets must be limited to a combined total of .010" thick. Steel spacersmust be used a15631972* 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 gaskets must be limited to a combined total of .010" thick. Steel spacersmust be used a15631972* 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 gask			•
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<ul> <li>157 32031</li> <li>* 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 gaskets must be limited to a combined total of .010" thick. Steel spacersmust be used as re</li> <li>158 610118</li> <li>159 610750</li> <li>160 610408</li> <li>160 610408</li> <li>189 33764</li> <li>Cover, Spark plug</li> <li>Dipstick (Incl. 190)</li> </ul>			
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spacersmust be used as re         158       610118         159       610750         160       610408         189       33764			
158       610118       Cover, Spark plug         159       610750       Grommet, Lead wire         160       610408       Nut, 8-32         189       33764       Dipstick (Incl. 190)			
159       610750       Grommet, Lead wire         160       610408       Nut, 8-32         189       33764       Dipstick (Incl. 190)			spacersmust be used as re
159       610750       Grommet, Lead wire         160       610408       Nut, 8-32         189       33764       Dipstick (Incl. 190)	159	610118	Cover Spark plug
160     610408     Nut, 8-32       189     33764     Dipstick (Incl. 190)			
189 33764 Dipstick (Incl. 190)			•
			,
	190	29900	"O" Ring

Ref #	Part Number Qty	/ Description
191	33468	Tube Assy., Oil filler
192	29673	* Gasket, Oil filler tube
193	29443	Clip, Wire
244	34346	Decal, Instruction
244A	550223	Decal, Name
244A	32676	Decal, Solid state
244B	31752	Decal, Air cleaner
246	631687	Valve, Seat & Spring Assy.
247	631754	Carburetor (Incl. 54 & 246) (Refer to Division 5, Section A, page 124 for breakdown)
	33516G 35075	* Gasket Set (Incl. items marked *) "O" Ring Kit (Incl. Nos. items marked +)



		Description
	650687	Screw, 10-32 x 5/16"
	30063	Screw, 1/4-20 x 1/2"
	35731 33500A	Muffler (Incl. 126B)
132	33300A	Counterbalance Weight Ass'y. Kit (Gears have helical teeth, which replace earlier straight tooth gears) (Incl. 33963 gear & 33965 weights)
133	33501	Bearing, Needle
134	33502	Shaft, Counterbalance
135	33503	Washer, Thrust
	792017	Ring, Retaining
	33499	Spacer
	33963	Gear, Counterbalance weight (Helical teeth)
141		Gear, Counterbalance weight (Straight teeth) (For
		replacement see Ref. 132. Order correct kit for your
		enginemodel number.)
148	610761	Alt.Coil Ass'y.(Incl.162A & 163) (10 amp)
	650416	Screw, 10-32 x 1"
	610749	Regulator (10 Amp)
	792028	Screw, 5/16-18 x 7/8"(Use w/32817 str .motor)
	650781	Screw,5/16-18 x 11/16"(Use w/33835 st r.motor)
	610819	Connector, Pyramid
	610922	
	730178	Ech.Adapter Kit (Incl.210 & 211)(As r equired)
	34102B 30196	Gasket, Exhaust (Use as required) Screw, 5/16-18 x 3/4" (Use as require d)
	730212	Adapter Plate Kit (Optional) NOTE: If you are having
230	730212	mounting problems in using a HH100 thru0H180 inplace of a
		large frame competitivebrand, we would like to call your
		attention to 730212 adapter plate kit. The kit converts the
		bottom mounting system found on HH100 thru 0H180 to a
		top mounting sys
249	33835	Electric Starter Motor (12-Volt) (Refer to Division 5, Section
		D for breakdown)

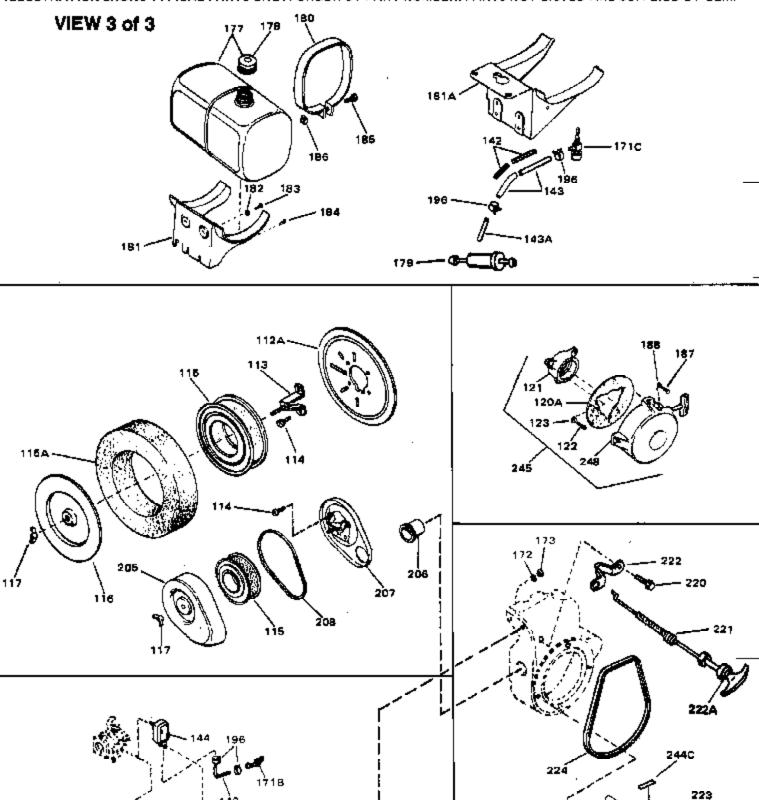
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1710 196

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



119Á

122

122A

Ref #	Part Number	Qty Description
114	650399	Screw, 10-32 x 5/8"
115	32008	Element, Air cleaner
117	650513	Nut, Wing
119	32426	Spacer, Screen
122	650670	Screw, 1/4-20 x 3/4"
123	27070	Washer, Lock
143	29774	Fuel Line (Braided 8.25")(21 cm)(As r equired)
143	30705	Fuel Line (Braided 16")(41 cm)(As req uired)
143	30962	Fuel Line (Braided 32")(81 cm)(As req uired)
144	32959	Pump, Impulse fuel
145	33010	Repair Kit, Impulse fuel pump
171B	32958	Fitting, Fuel pump
178	410144B	Fuel Cap (White Plastic)(Std)(As requ ired)
178	34210	Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)
	26460 730134	Clamp, Fuel line (Use as required) Rewind Starter Kit (Incl.120A, 121, 122, 187, 188 & 248) (Use as required)