
HOW TO USE THIS MANUAL

This manual is made up of groups numbered one through seven. Each group focuses on the service procedures for a particular system or component of the motor. To better help you, the technician; each group is divided into specific sections. These sections are identified by the group number followed by a letter. A good example of this is the electrical system, identified as group 2, and the ignition system, which is section 2A. A table of contents at the beginning of the book lists each group. On the cover of each group is a list of sections included in that group. A detailed table of contents is located at the beginning of each section. This will allow you to find a specific procedure quickly. If you are unsure what group or section of a particular procedure can be found in, look it up in GROUP 7: INDEX.

IMPORTANT

Always read procedure completely before attempting to do it.

SPECIFICATIONS

	90H.P.	120 H.P.
Rating H.P.	90 @ 5250 RPM	120 @ 5250 RPM
I.S.O. Power	67.2 kw @ 5250 RPM	89.6 kw @ 5250 RPM
Recommended Operating Range	5000-5500 RPM	5000-5500 RPM
Idle RPM in Gear	750 RPM	750 RPM
Engine Type	Two cycle, three cylinder	Two cycle, four cylinder
Firing Order	1, 2, 3	1, 3, 2, 4
Bore and Stroke	3.375 x 2.8 in. (8.57 x 7.11 cm)	3.375 x 2.8 in. (8.57 x 7.11 cm)
Displacement	75.1 cu. in. (1230 cc)	102.9 cu. in. (1686 cc)
Compression	135-155 PSI (9.5-10.9 kg/cm ²) (#1 Cyl.) 145-160 PSI (10.2-11.2 kg/cm ²) (#2, #3 Cyl.)	145-165 PSI (10.2-11.6 kg/cm ²)
Spark Plug	Champion L76V (USA) Champion QL-76V (Canada)	Champion L76V (USA) Champion QL-76V (Canada)
Spark Plug Gap	Non-adjustable	Non-adjustable
Point Gap	Breakerless	Breakerless
Timing @ Wide-Open- Throttle (5000 RPM)	30 degrees BTDC	30 degrees BTDC
