

Installation Instructions for 1992, 1993, 1977 & 1978 Series Wiseco/ Briggs & Stratton Kart Pistons

CYLINDER PREPARATION

Have a reputable experienced company bore or hone your cylinder. Be sure the piston is measured 90° from wrist pin near the skirt bottom of piston (the exact point of measurement where the piston is the largest). Finish hone with a 280-400 grit. A good cross hatch is important for best results. **CAUTION: After honing, wash cylinder assembly with soap and water, then swab cylinder wall with a petroleum base non-synthetic oil on a clean rag until all tendency of rag discolor is gone. Washing cylinder in solvent will not remove the abrasive from finished cylinder wall.**

Suggested piston to cylinder wall clearance for Briggs & Stratton “Super Stock” is .004”

WARNING: Excessive piston to cylinder wall clearance will result in severe engine damage.

PISTON INSTALLATION PROCEDURE

- 1) Assemble rings on piston according to ring installation sheet. **A minimum of .012 ring end gap on compression ring is recommended.**
- 2) Install new head gasket and assemble head following manufacturers instruction and torque specifications.

CAUTION: Always use new OEM circlips

BREAK-IN PROCEDURE

When breaking in an engine equipped with a Wiseco piston, avoiding either sustained high rpm or low speed running. One hour of mild running is adequate break-in time.

DO NOT use special additives with initial break-in of your engine as the additives may glaze the cylinder wall and prevent the rings from seating.

OFFSET PIN INSTRUCTIONS

- 1977 & 1978 Series pistons have an offset pin.
- If an arrow is present on the top of the piston, the arrow should be installed pointing in the direction of the valves.
- If no arrow is present, look under the piston crown or dome for an indication bump. The indication bump should be directed toward the valves of the cylinder block.



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WISECO PISTON, INC. , LIMITED WARRANTY

WISECO warrants this product will be free from defects in material and workmanship for thirty (30) days following date of original purchase. If the product is found by WISECO to be defective, such products will, at WISECO'S option, be replaced or repaired at cost to WISECO. All products alleged by Purchaser to be defective must be returned to WISECO, postage prepaid, within thirty (30) days warranty period.

This limited warranty does not cover labor or other costs or expenses incidental to the repair and/or replacement of products or parts.

This limited warranty does not apply to any product which has been used in a hi-performance application, or racing or is subject to misuse, mishandling, misapplication, neglect (including but not limited to improper maintenance), accident, improper installation, modification (including but not limited to use of unauthorized parts or attachments), or adjustment or repair performed by anyone other than WISECO.

The parties hereto expressly agree that the purchaser's sole and exclusive remedy against WISECO shall be for the repair or replacement of the defective product as provided in this limited warranty. This exclusive remedy shall not be deemed to have failed of its essential purpose so long as WISECO is willing and able to repair or replace defective goods.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOT EXPRESSLY SET FORTH HEREIN. ANY PRODUCT WHICH MAY BE SOLD BY WISECO BUT WHICH IS NOT MANUFACTURED BY WISECO IS NOT WARRANTED BY WISECO, BUT IS SOLD ONLY WITH THE WARRANTIES, IF ANY, OF THE MANUFACTURERS THEREOF.

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Any claim by purchaser regarding this product shall be deemed waived by the purchaser unless submitted in writing to WISECO within the earlier of (i) fifteen (15) days following the date Purchaser discovered, or by reasonable inspection should have discovered, any claimed breach of this limited warranty, or (ii) thirty (30) days following the date of original purchase. Any cause of action for breach of this limited warranty shall be brought within six months from the date the alleged breach was discovered or should have been discovered, whichever occurs first.

This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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