

SERVICE INSTRUCTION

DATE: May 25, 1960

AIRCOOLED MOTORS INC.
SYRACUSE 8, NEW YORK

NO: I-8

SUBJECT: CONNECTING ROD ASSY. - INSTRUCTIONS FOR REPLACEMENT OF

REASON:

To provide information concerning the latest design connecting rod, method of identification and replacement.

ENGINES AFFECTED:

6A4-150 Series, 6A4-165 Series, 6V4-178 Series, 6V4-200 Series, 6V-335 Series.

COMPLIANCE:

Whenever connecting rods are replaced.

DESCRIPTION:

Connecting Rod Assemblies P/N 17541 and 19633 are no longer available. They are superseded by Connecting Rod Assembly P/N 19751. The latest design is readily identified by the heavy section (approx. 3/16" thick) above the piston pin hole.

The new rod is also available as P/N 19751-A which is identical to 19751 except for a difference in total weight. The 19751-A Connecting Rod is identified by the letter "A" stamped on the side of the rod bolt boss. The 19751 Rod does not carry any identification letter or symbol.

INSTRUCTIONS:

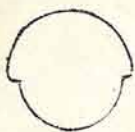
Whenever a P/N 17541 or 19633 Connecting Rod is replaced by either a 19751 or 19751-A Rod Assembly, the opposite throw must also be equipped with a connecting rod of the same type and part number.

Connecting Rod Nut tightening torque is 275 - 360 inch - pounds.

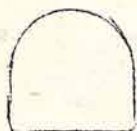
6.00 Bolt
621 Nut

100.00

MISCELLANEOUS INFORMATION



19632 Bolt - used with original 19633 Con-rod Assy.



19750 Bolt - used with 19751 Con-rod Assy.

Note: Most 150hp and 165hp engines are using the 19633 con-rod with the 19632 bolts. The 165hp Parts Catalog no longer calls out the 19632 bolt and 19633 con-rod assembly. When ordering replacement bolts, order which ever ones now being used as they can not be interchanged in the two different con-rods.

CON-ROD BEARINGS: (Part No's. 17739; 18020 & 18021)

These bearings have been manufactured with and without the oil spray holes. Bearings with holes or without the holes can be used in either the 19633 con-rod (originally manufactured with an oil spray hole) or in the 19751 con-rod, which was manufactured without any oil spray holes.

PISTON PIN BUSHINGS: (Part No. 17738)

These bushings have been manufactured both with and without lubricating holes. They can be used interchangeably. Later production con-rods do not incorporate the drilled passage through the pin boss in the rod.