

»» **Service Bulletin**

FAA Approved

Number: B95-02 A

Replaces 95-002

Date: 07/06/2004

Subject: Recall of Connecting Rod Bolts 75060

Application:

ENGINE APPLICATIONS: O-360-A1A, A1AD, A1C, A1D, A1F6, A1F6D, A1G6, A1G6D, A1LD, A2A, A2D, A2E, A2F, A2G, A3A, A3AD, A4A, A4G, A4J, A4K, A4M, A4N, A5AD, B2A, C1A, C1C, C1E, C1F, C1G, C2A, C2C, C2D, C2E, D2A, D2B, F1A6; IO-360-A1A, A1B, A1B6, A1B6D, A1C, A1D, A1D6, A2A, A2B, A3B6D, B1A, B1B, B1D, B1E, B1F, B2F, B2F6, B4A, C1A, C1B, C1C, C1C6, C1D6, C1E6, C1F, J1A6D; AIO-360-A1A, A1B, B1B; LO-360-A1G6D; HO-360-B1A, B1B; HIO-360-A1A, B1A, C1A, C1B, E1AD, E1BD; LIO-360-C1E6; TIO-360-A1B; AEIO-360-A1E, B1G6, H1A; O-540-A1A, A1A5, A1B5, A1C5, A1D, A1D5, A2B, A3D5, B1A5, B1B5, B2B5, B2C5, B4B5, E4A5, E4B5, E4C5, F1A5, F1B5, G1A5, G2A5, H1B5D, H2B5D, J1A5D, J3A5D, J3C5D, L3C5D; IO-540-A1A5, B1A5, B1C5, C1B5, C4B5, C4C5, C4D5D, D4A5, E1A5, E1B5, G1A5, G1B5, G1C5, G1D5, G1E5, G1F5, J4A5, K1A5, K1A5D, K1B5, K1C5, K1D5, K1E5, K1K5, M1A5, N1A5, P1A5, R1A5, T4C5D; IO-540-K1F5, K1F5D, K1G5, K1G5D, K1J5, K1J5D, K1K5, M1QA5, M1B5D, N1A5, P1A5, R1A5, S1A5, T4A5D, T4B5D, V4A5D, W1A5D, W3A5D, AA1A5; TIO-540-A1A, A1B, A2A, A2B, A2C, C1A, E1A, G1A, H1A, J2B, F2BD, J2BD, N2BD, R2AD, S1AD, AA1AD, AB1AD; LTIO-540-J2B, F2BD, J2BD, N2BD, R2AD; IVO-540-A1A; AEIO-540-D4B5; TIO-541-A1A, E1A4, E1B4, E1C4; IO-720-A1A, A1B, B1B, B1BD, C1B, D1B.

Compliance: Before the Next Flight

Superior Air Parts, Inc. has recently become aware that some unmarked 75060 connecting rod bolts shipped between February 15, 1994, and December 20, 1994, do not meet specification. These 75060 connecting rod bolts can be identified by the lack of any head markings. Detection of these imperfections is not possible without metallurgical testing of the connecting rod bolt. Therefore, the following steps must be taken:

Return for credit, affected stock of 75060 connecting rod bolts shipped from Superior between February 15, 1994, and December 20, 1994. Prepaid surface freight charges will be accepted by Superior for the return freight. Incoming C.O.D. and air freight shipment charges will not be accepted.

Affected 75060 connecting rod bolts shipped from Superior during the above mentioned period and installed must be **removed and replaced immediately**. Superior Air Parts, Inc. will allow the following reimbursement:

Labor Allowance

Cylinder removal and installation to locate affected 75060 connecting rod bolts.**

First cylinder each side of engine	7 hrs*
All additional cylinders	3 hrs*

Labor to remove and install connecting rod bolts plus torque and/or stretch to length:

Single cylinder	.5 hrs*
Four cylinder	1.5 hrs*
Six cylinder	2.0 hrs*
Eight cylinder	2.5 hrs*

* Labor at normal shop labor rates per hour

** Cylinders should be removed only after records have been researched to determine if affected 75060 connecting rod bolts were installed.

Parts Allowance - per cylinder:

2 each	SL75060 Connecting Rod Bolts
2 each	SL12186 Connecting Rod Nuts
1 each	Single Cylinder Ring Set
1 each	Single Cylinder Gasket Set

Freight Allowance

The cost of the surface freight for replacement parts from Superior and the surface freight to return the affected Connecting Rod Bolts. Affected Connecting Rod Bolts returned to Superior must be sent surface freight prepaid. No incoming C.O.D. or airfreight will be accepted. Foreign shippers only, may use air freight shipments arranged in conjunction with our foreign distribution department.

Conditions:

All conditions stated in the Superior Air Parts, Inc. warranty policy will apply.

Labor and parts allowances, stated above, will be effective for one (1) year from the date of this letter.

Credit will be issued for only those unmarked 75060 connecting rod bolts purchased between February 15, 1994, and December 20, 1994, that are returned to Superior with a copy of the completed attached claim form. Additional copies of this claim can be obtained from Superior Air Parts, Inc. Dallas, Texas.

Warranty Procedures

Superior customers, upon receiving this service bulletin and cover letter, should check your inventory to find any affected 75060 connecting rod bolts in stock and research your documents to determine where the affected connecting rod bolts were sold and/or installed. Customers who have engines containing the affected 75060 connecting rod bolts should be advised of this bulletin and make immediate arrangements to replace these connecting rod bolts.

Call Superior Air Parts, Inc. and ask for the 75060 recall specialist to order the needed Superior replacement parts and to request a Return Authorization (R.A.) number. The Return Authorization number must be on the R.A. No. line in the upper right-hand corner of the 75060 Connecting Rod Bolt Claim Form, attached to this vendor service bulletin.

Replace the affected 75060 connecting rod bolts by removing the affected cylinder or cylinders and the cylinder or cylinders opposite it. If only one cylinder is affected remove the opposite cylinder first to inspect the bolt head for markings. Remember, only unmarked bolts purchased between February 15, 1994, and December 20, 1994, are being recalled. Remove the unmarked 75060 connecting rod bolts and replace with new SL75060 connecting rod bolts and SL12186 connecting rod nuts. After torquing to the proper torque, check length of those bolts and connecting rods requiring a stretch to length check with a micrometer or Lycoming special tool 64945 if available and replace the cylinders. Send the affected 75060 connecting rod bolts and the completed 75060 Connecting Rod Bolt Claim Form to Superior Air Parts, Inc. attention 75060 recall specialist for credit insurance. Connecting rod bolts not installed in engines will be credited for your cost of the bolts plus surface freight only.

Note:

Only unmarked 75060 connecting rod bolts purchased during the period of February 15, 1994 to December 20, 1994 are being recalled and are eligible for this credit program. SL75060 are not part of this recall and should not be removed from the engine or from stock.