

Technical Bulletin

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Subject: **Tu-Flo 1000 Compressor Connecting Rod**

The connecting rod design in the Tu-Flo 1000 Compressor has been revised by a change in material from aluminum to nodular iron. This will give the rod greater strength than was possible with the aluminum rod.

The design change eliminates the lockwashers used under the connecting rod bolts, and instead uses lock strap 292129. The corners of the lock strap should be turned up around the hex flats on the rod bolts after they are properly torqued to 80-100 inch pounds.

The service number for a connecting rod assembly with wrist pin bushing and locking strap without bearing inserts is 289029. 289029 is interchangeable with and supercedes the aluminum rod piece number 279694.

The chart below shows other pertinent piece numbers for service:

Size	Bearing Insert Kit	Piston & Pin Assembly	Ring Set (Includes 10 Rings for 2 Pistons)
Std.	282751 (includes 2 – 239409)	226103	288646
.010" Undersize	282752 (includes 2 – 240619)	226998	288647
.020" Undersize	282753 (includes 2 – 240620)	226999	288648
.030" Undersize	282754 (includes 2 – 240621)	227000	288649

Caution:

Regarding the change from aluminum to nodular iron connecting rods, any customer attempting to purchase a single connecting rod must be advised that the new iron rod cannot be used in combination with aluminum rods. Anyone trying to repair or rebuild a Tu-Flo 1000 should be warned they should use all aluminum or all iron rods. Your records for iron rod 289029 should be so noted as well as aluminum rods 229004 or 279694.

