

PRODUCT:

- ST9 P/N 140-0004: Tin Coated Bronze Journal Bearing
- ST9 P/N 200-0198: Tri-Metal Journal Bearing
- Bull Gear Bolt Washer, 1.25" Grade 8

MODIFICATION:

- 1) Future ST9 power ends will contain tri-metal crankshaft journal bearings (Pic 2) instead of the old tin-coated bronze (Pic 1)
- 2) Future ST9 power ends will include a 1.25" grade 8 washer underneath the bull gear bolt (Pic 5 & 6)

DETAILS: Starting with the following serial numbers, all power ends will now include tri-metal bearings with formed tabs instead of tin coated bronze bearings as well as a washer under the bull gear bolt. The washer prevents the 1.25" bolt from wearing into the bull gear over time and losing tension causing a potential for breakage. The new journal bearing addresses an issue where tabs were being flattened and rolling within the bearing knuckle. See flattened tabs in (Pic 1)

Liberty Red

- WBST970755-005
- WBST970755-023
- WBST970755-021
- WBST970755-006
- WBST970755-020
- WBST970755-010
- WBST970755-019
- WBST970755-034
- WBST970755-013
- WBST970573-099
- WBST970573-079
- WBST970755-024

Liberty Blue

- WBST970573-070
- WBST970755-035
- WBST970573-074

It is recommended that existing bearings be swapped out at the next convenient maintenance time. In WTX, ST9 field technicians are available to do this work. Current ST9 tri-metal bearings will be prioritized for new production. In 3 weeks there will be enough to satisfy parts inventory orders. In the meantime, SPM or GD tri-metal bearings with the same tab pattern can be substituted. **Make sure NOT to use the 0.030" undersized GD journal bearings.**



Pic 1
140-0004 w/ Cut Tabs



Pic 2
200-0198 w/ Formed Tabs



Pic 3
200-0198 Rod Side



Pic 4
200-0198 Cap Side



Pic 5
Bull Gear Bolt w/ Black Washer



Pic 6
Bull Gear Bolt w/ Black Washer

FOR MORE INFORMATION CONTACT:



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