



# Technical Service Information

## THM 440-T4 LUBE DAM BROKEN

**COMPLAINT:** Plastic lube dam located between the carriers (See Figure 2) in two pieces, appearing as if it had been machined.

**CAUSE:** Final drive sun gear shaft is too long, and cuts plastic lube dam in half.

**CORRECTION:** Machine final drive sun gear shaft, ON THE SHORT SPLINED END ONLY, to the dimension shown in Figure 1. Finished dimension should be 4.435" - 4.440". Non-machined final drive sun gear shaft will measure 4.480" - 4.490". Measure all final drive sun gear shafts to insure proper length.

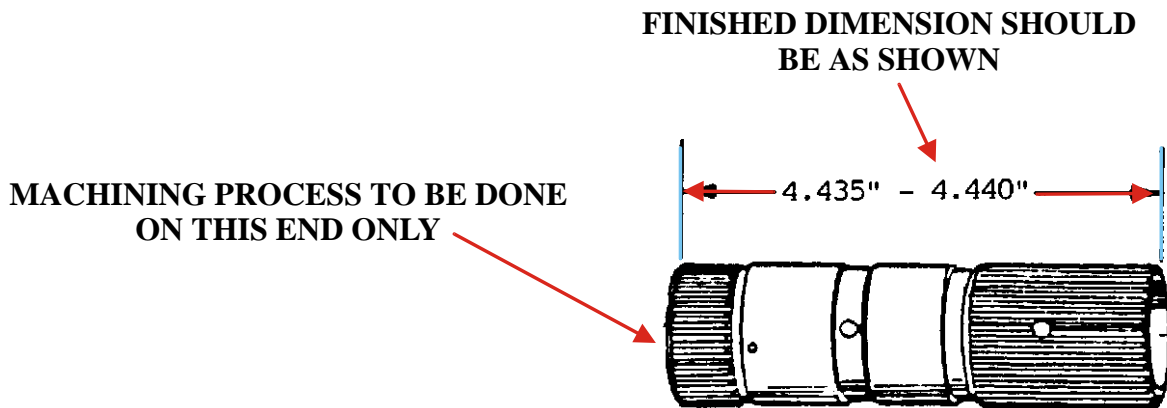
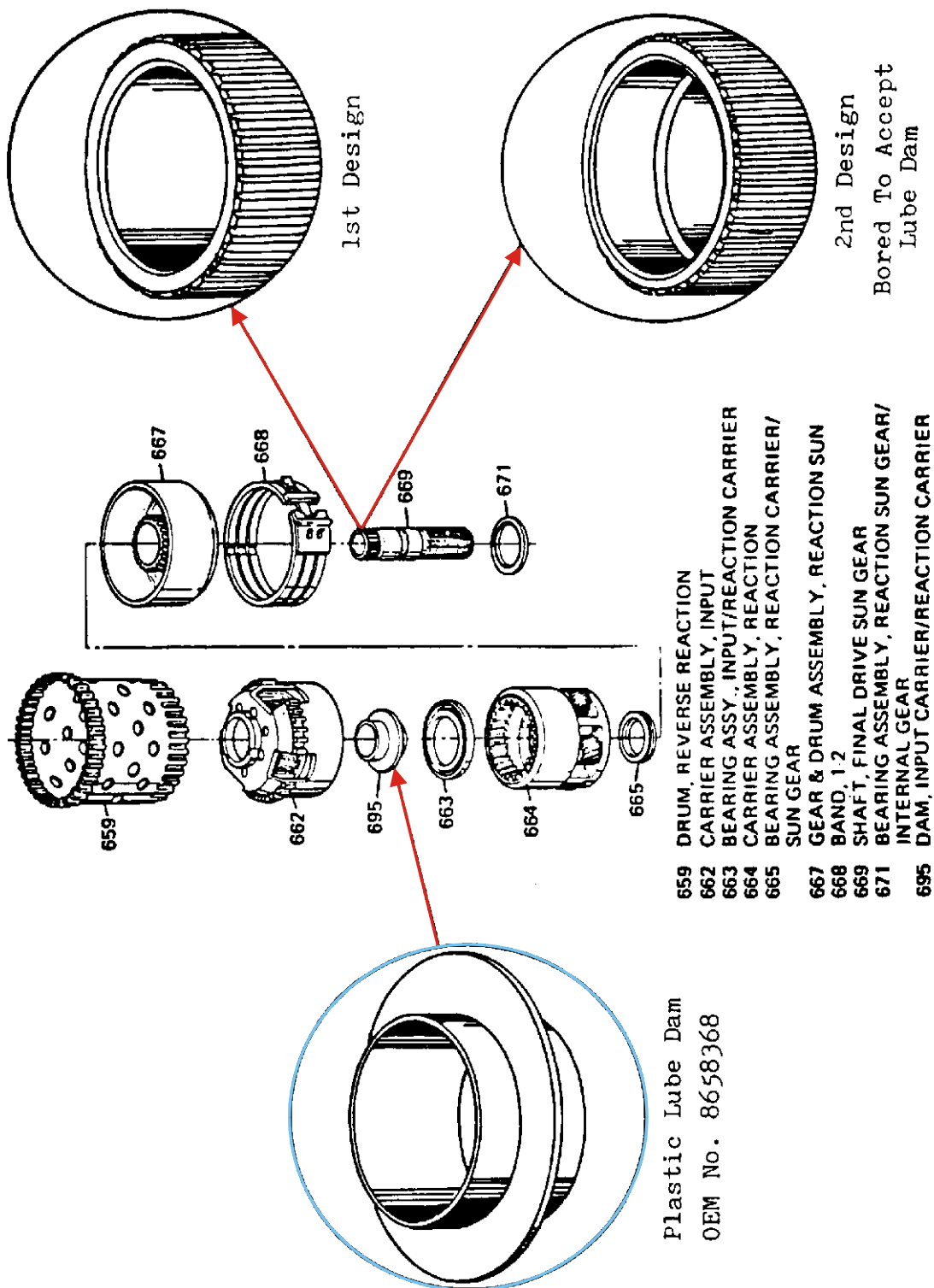


Figure 1



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Figure 2