

PARTS & SERVICE NEWS

REF NO.	AA01020
DATE	January, 15, 2001

SUBJECT: FACE SEAL MEASUREMENTS FOR ALL 930E GDY85 WHEEL MOTORS.

PURPOSE: Provide measurements of the external face seal during disassembly for warranty purposes.

APPLICATION: All 930E trucks.

FAILURE CODE: 2E4CZ9

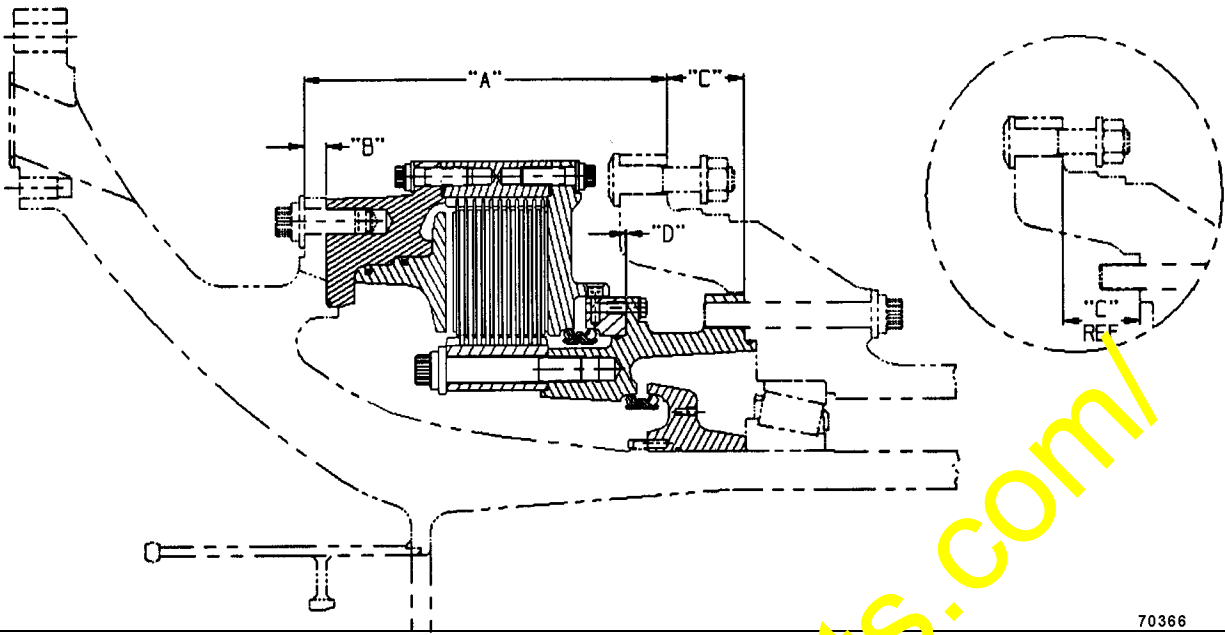
DESCRIPTION: The specified measurements are needed to track any related information involving face seal failures.

▲ IMPORTANT ▲

Completed measurement sheets must be submitted with warranty request for warranty approval. Warranty claims will be denied if not accompanied with completed measurement sheets.

For all GDY85B and GDY85C wheel motors (930E-1), make measurements per attached sheet (page 2).

For all GDY85D and GDY85E wheel motors (930E-2), make measurements per attached sheet (page 3).



70366

FIGURE 1. 930E-1 GDY85B, GDY85C

Serial number of the wheel assembly being serviced.....

Determine wheel bearing end play and record the amount.....

NOTE: Measure each dimension listed below. Acquire 3 different measurements for each dimension. The measurements should be taken approximately 120 degrees apart from one another. Calculate the average of each set of measurements.

Dimension "A" - Measurements are to be made before removing the wheel hub and/or the bearings. The assembly must be in vertical position with the outboard bearing facing upward.

Measurement 1 _____	Measurement 2 _____	Measurement 3 _____
Average Dim." A" _____		

Dimension "B" - Flange thickness of frame assembly after removal of the brake assembly.

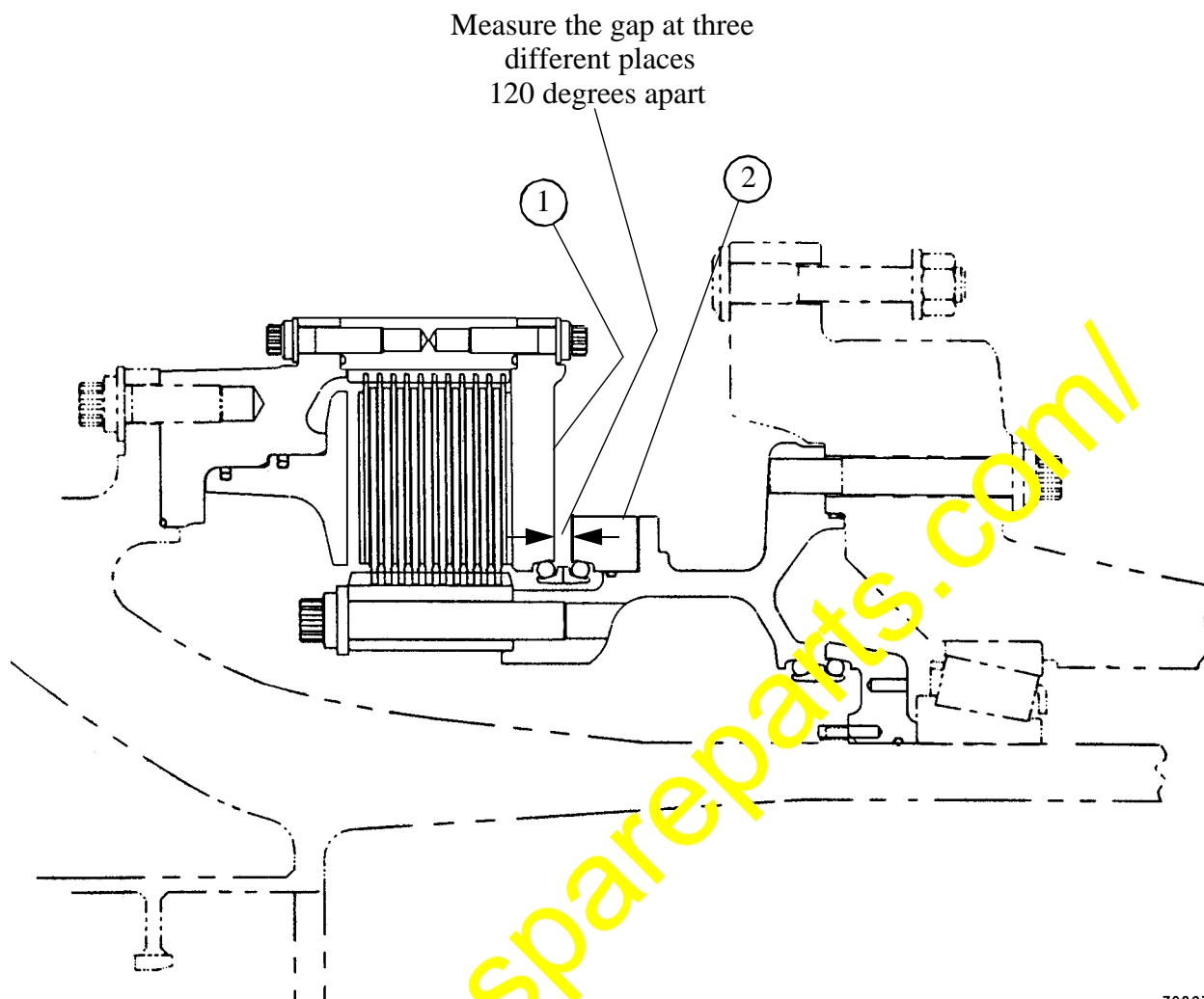
Measurement 1 _____	Measurement 2 _____	Measurement 3 _____
Average Dim." B" _____		

Dimension "C" - Rim mounting face to hub adapter mounting face after removal of brake assembly.

Measurement 1 _____	Measurement 2 _____	Measurement 3 _____
Average Dim." C" _____		

Dimension "D" - Shim pack thickness. Measure each shim individually and calculate the sum.

Shim pack thickness _____



70367

1. Backing Plate (EH5325)	2. Seal Carrier (EH7176)
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FIGURE 2. 930E-2 GDY85D, GDY85E

Serial number of the wheel assembly being serviced.....

Determine wheel bearing end play prior to disassembly and record.....

Measure and record the gap at the external face seal between brake backing plate (EH5325) and seal carrier (EH7176). Make three measurements 120 degrees apart.

Measurement 1 _____	Measurement 2 _____	Measurement 3 _____
		Average _____