

Bell Helicopter **TEXTRON**

A Subsidiary of Textron, Inc.

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INFORMATION LETTER 214ST-01-15

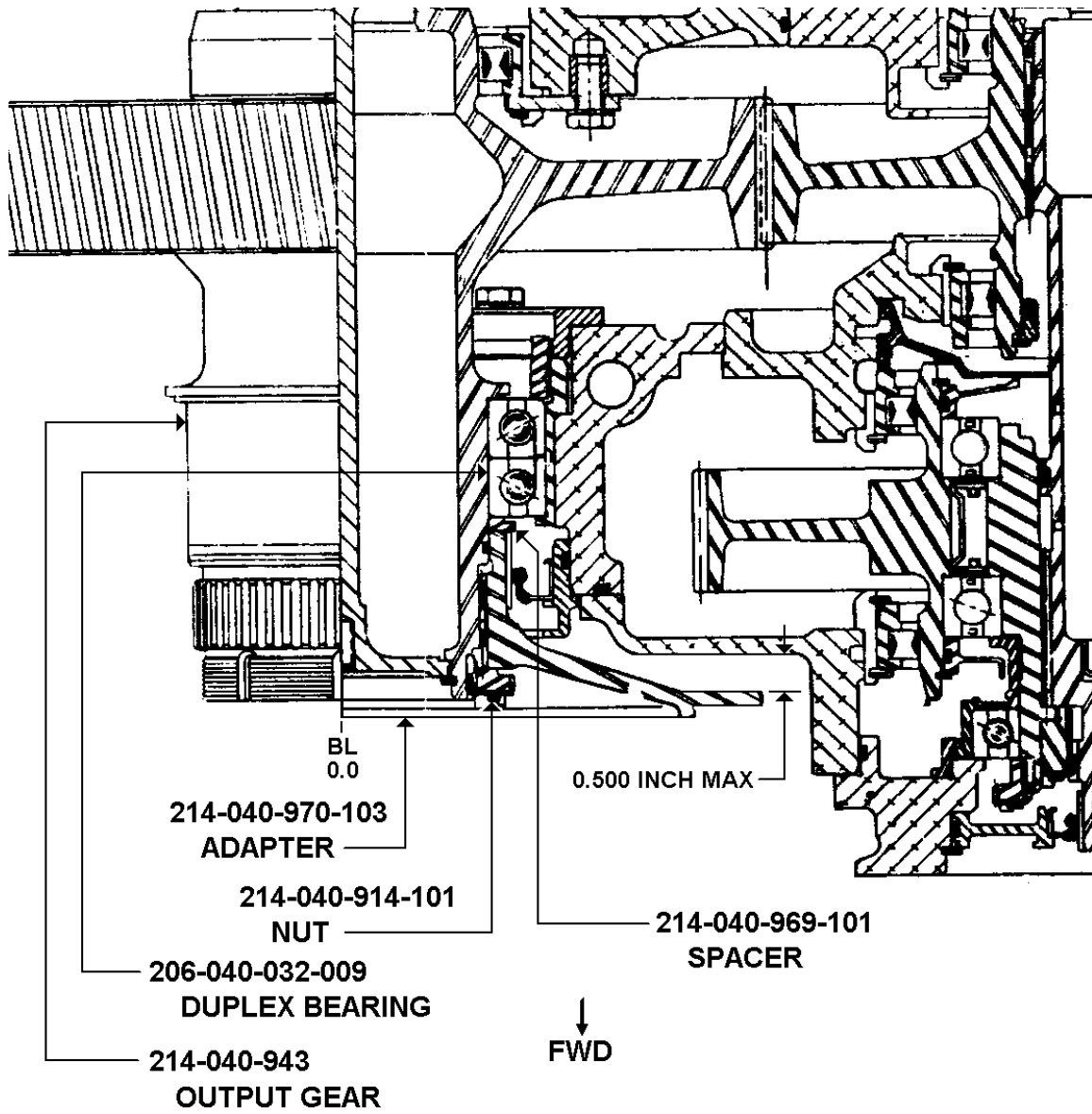
TO: All Owners/Operators of Bell 214ST Helicopters

SUBJECT: Combining Gearbox Assembly Output Adapter Installation

The 214ST combining gearbox output adapter, P/N 214-040-970-103, is installed with a single P/N 214-040-969-101 spacer between the aft end of the adapter and the inner race of the P/N 206-040-032-009 duplex bearing (see illustration on page 2).

BHT has received several reports of a second P/N 214-040-969-101 spacer installed behind the output adapter in AH-1W combining gearboxes that have been returned for overhaul to U.S. government facilities. While we have no similar reports from the 214ST fleet, this information letter is issued to advise operators of these reports.

Installation of a second spacer can result in improper engagement of the P/N 214-040-914-101 adapter retaining nut, could cause premature wear of the adapter splines, and possibly create a leak path due to improper sealing with the output gear o-ring. Operators may make a simple dimensional check as noted on the illustration. Any dimension over that noted would be cause for further investigation to determine if a second spacer has been installed.



VIEW LOOKING DOWN AT SECTION
THRU CENTER OF OUTPUT ADAPTER