

TECHNICAL BULLETIN
Bell Helicopter **TEXTRON**

A Subsidiary of Textron Inc.

No. 205B-03-22

Date Aug 27-03

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DATE
REV

MODEL AFFECTED: 205B

SUBJECT: TRANSMISSION OIL FILTER ASSEMBLY
P/N 204-040-760-113: INTRODUCTION OF.

HELICOPTERS AFFECTED: Model 205B helicopters.

COMPLIANCE: At Customer's Option

DESCRIPTION:

Bell Helicopter has received reports regarding the transmission external oil filter bypass indicator frequently popping out before the filter element actually required replacement.

We developed a new transmission oil filter assembly P/N 204-040-760-113 to replace oil filter assembly P/N 204-040-760-003 or -101. The -113 filter assembly incorporates an improved impending bypass indicator that will pop out only when the filter element is sufficiently clogged.

APPROVAL:

The engineering design aspects of this bulletin are FAA/DER approved.

MANPOWER:

Approximately 0.5 man-hours are required to complete this bulletin. Man-hours are based on hands-on time, and may vary with personnel and facilities available.

MATERIALS:

Required Material:

The following material is required for the accomplishment of this bulletin and may be obtained through your Bell Helicopter Textron Supply Center.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Quantity</u>
204-040-760-113	OIL FILTER ASSEMBLY	1

SPECIAL TOOLS:

None required

WEIGHT AND BALANCE:

Not affected

ELECTRICAL LOAD DATA:

Not affected

REFERENCES:

BHT-212-IPC Illustrated Parts Breakdown
BHT-212-MM Maintenance Manual

PUBLICATIONS AFFECTED:

BHT-212-IPC Illustrated Parts Breakdown, Chapter 63

ACCOMPLISHMENT INSTRUCTIONS:

1. Drain transmission oil.
2. Refer to the BHT-212-MM, Chapter 63 for the replacement of the transmission oil filter assembly.

-NOTE-

The filter assembly 204-040-760-113 uses filter element P/N 204-040-760-105 or -109.

3. Service transmission with oil.
4. Make an entry in Helicopter History Record (HR) to show that the transmission oil filter assembly 204-040-760-113 has been replaced per this bulletin.