

**TECHNICAL BULLETIN**  
**Bell Helicopter** **TEXTRON**

A Subsidiary of Textron Inc.

No. 212-03-192

Date Aug 27-03

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DATE
REV

**MODEL AFFECTED:** 212

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

**HELICOPTERS AFFECTED:** Model 212 helicopters.

[Model 212 helicopters serial number 35104 and subsequent will have the intent of this bulletin accomplished prior to delivery]

**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.