



A Textron Company

TECHNICAL BULLETIN

412-20-244

9 December 2020

MODEL AFFECTED: 412/412EP

SUBJECT: COLLECTIVE LEVER ASSEMBLY, 412-010-464-101, INTRODUCTION OF

HELICOPTERS AFFECTED: Serial numbers 33001 through 33213, 34001 through 34036, 36001 through 36999 and 37002 through 37999.

[Serial number 38001 through 38999 and 39101 through 39999 will have the intent of this bulletin accomplished prior to delivery.]

COMPLIANCE: At customer's option.

DESCRIPTION:

Collective lever assembly P/N 412-010-464-101 has been developed as a replacement for collective lever assembly P/N 412-010-408-101/-105. The new collective lever assembly P/N 412-010-464-101 has a 20,000-hour retirement life and does not require the assignment of penalty when installed on a helicopter delivered from Bell with the Strake and FastFin System.

Since the new collective lever assembly P/N 412-010-464-101 is not a direct replacement to the P/N 412-010-408-101/-105, this technical bulletin provides the required installation instructions. The installation of the hub and sleeve assembly 412-010-401-115 or later configuration is required prior to accomplishment of this bulletin.

Applicability of this bulletin to any spare part shall be determined prior to its installation on an affected helicopter.

APPROVAL:

The engineering design aspects of this bulletin are FAA approved for FAA certified helicopters as listed in the applicable Type Certificate Data Sheet. For non FAA certified helicopters, the engineering design aspects of this bulletin are Bell Engineering approved.

CONTACT INFO:

For any questions regarding this bulletin, please contact:

Bell Product Support Engineering
Tel: 1-450-437-2862 / 1-800-363-8023 / productsupport@bellflight.com

MANPOWER:

Accomplishment of this bulletin during normal overhaul or maintenance will require no additional man-hours.

WARRANTY:

There is no warranty credit applicable for parts or labor associated with this bulletin.

MATERIAL:

Required Material:

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

<u>Part Number</u>	<u>Nomenclature</u>	<u>Qty (Note)</u>
412-010-464-101	LEVER ASSY	1 (1)
412-010-465-101	PIN	2 (1)
412-010-466-101	SHIM	2 (1)

NOTE 1: Lever assembly 412-010-464-101 (1), pin 412-010-465-101 (2) and shim 412-010-466-101 (2) must be installed as a unit.

Consumable Material:

Refer to the BHT-412-MM Chapter 62 for the consumable materials required to accomplish this bulletin. This material may be obtained through your Bell Supply Center.

SPECIAL TOOLS:

None required.

WEIGHT AND BALANCE:

Not affected.

REFERENCES:

BHT-412-MM, Maintenance Manual

TB 412-88-68, Collective Lever Pin P/N 412-010-422-103, Introduction of

TB 412-05-201, Bearing and Liner Assemblies P/N 204-010-433-001 & P/N 204-011-443-001: Installation Improvements

TB 412-15-234, Hub and Sleeve Assembly 412-010-401, Configuration Change and upgrade

PUBLICATIONS AFFECTED:

BHT-412-IPB, Illustrated Parts Breakdown

BHT-412-MM, Maintenance Manual

BHT-412-CR&O, Component Repair and Overhaul Manual

ACCOMPLISHMENT INSTRUCTIONS:

-NOTE-

It is not necessary to order pin 412-010-422-105 and shim 412-010-452-101 called out by TB 412-15-234 when carrying out step 1. Both the pins and the shims will be replaced by later configuration part numbers in step 3.

1. If not already done, upgrade the hub and sleeve assembly to 412-010-401-115 or a later configuration. Refer to TB 412-15-234.
2. Remove collective lever assembly in accordance with BHT-412-MM Chapter 62.

-NOTE-

Collective lever 412-010-464-101, pin 412-010-465-101 and shim 412-010-466-101 must be installed as a unit using the post TB 412-88-68 procedures as per BHT-412-MM Chapter 62.

3. Install Collective lever assembly 412-010-464-101 in accordance with BHT-412-MM Chapter 62.
4. Make an entry in the helicopter logbook and historical service records indicating compliance with this Technical Bulletin.