

ALERT SERVICE BULLETIN

UH-1H-16-15

31 May 2016

MODEL AFFECTED: UH-1H

SUBJECT: ASSIGNMENT OF A 3,300 HOUR RETIREMENT LIFE AND RE-IDENTIFICATION OF SCISSORS LEVER ASSEMBLIES P/N 212-010-407-001 AND -109; AND, ASSIGNMENT OF A 1,000 HOUR RETIREMENT LIMIT ON P/N 212-010-411-005 BOLT INSTALLED ON THE UH-1H HELICOPTER

HELICOPTERS AFFECTED: UH-1H helicopters which are non-type certificated and owned and operated by other than an Armed Service of the United States with Scissors Lever Assemblies P/N 212-010-407-001 or -109 installed.

COMPLIANCE: PART I and PART II: Within the next 50 flight hours but not later than 6 months after receipt of this ASB.

DESCRIPTION:

Review of UH-1H fatigue and flight spectrum data has determined a retirement life of 3,300 hours is necessary for P/N 212-010-407-001 and -109 Scissor Lever Assemblies when installed on the UH-1H helicopter. In addition, P/N 212-010-411-005 scissors pivot bolt is required when either scissor is installed and is subject to a 1,000 hour retirement life.

Use of P/N 212-010-407-001 Scissor Lever Assemblies on the UH-1H was authorized under the conditions and instructions contained in Special Use (SU) Technical Bulletin (TB) SU-92-1. Use of P/N 212-010-407-109 Scissor Lever Assemblies on the UH-1H was authorized under the conditions and instructions contained in TB SU-94-1. TB SU-92-1 was cancelled by the original issue of TB SU-94-1.

With assignment of a retirement life, all P/N 212-010-407-001 or P/N 212-010-407-109 Scissor Levers Assemblies installed on UH-1H helicopters, as described in the **HELICOPTERS AFFECTED** block above, which do not exceed 3,300 flight hours, must be re-identified to new part numbers 212-010-407-111 or -113. 212-010-407-001 and

-109 Scissor Lever Assemblies in excess of 3,300 hours, or whose total time cannot be determined, must be replaced.

An inspection and records check is required to ensure the P/N 212-010-411-005 pivot bolt is installed and being tracked as a 1,000 hour retirement item.

Revision B to TB SU-94-1 addresses the new authorized part numbers reflected in the **ACCOMPLISHMENT INSTRUCTIONS** of this Alert Service Bulletin (ASB) and adds the 1,000 hour retirement life for the P/N 212-010-411-005 pivot bolt.

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

APPROVAL:

Bell Helicopter does not authorize use of this bulletin to obtain approval from any civil regulatory authority for installation of P/N 212-010-407-001/-109/-111/-113 Scissor Lever Assembly or P/N 212-010-411-005 pivot bolt on any type certificated UH-1 helicopter.

The engineering design aspects of this bulletin are Bell Helicopter Engineering approved.

CONTACT INFO:

For any questions regarding this bulletin, please contact:

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MANPOWER:

Approximately 2.5 man-hours are required to complete Part I of this bulletin. Approximately 4.0 man-hours are required to complete Part II of this bulletin. These estimates are based on hands-on time, and may vary with personnel and facilities available.

WARRANTY:

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

MATERIAL:

Refer to Accomplishment Instructions.

SPECIAL TOOLS:

None required.

WEIGHT AND BALANCE:

Not affected.

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

TM 55-1520-210-23-1 AVUM & AVIM Maintenance Instructions
TM 55-1520-210-23P-1 AVUM & AVIM Repair Parts and Special Tools List
TM 55-1615-226-40 GS Maintenance Manual, Scissors and Sleeve Assembly
DMWR 55-1520-210 Aircraft Depot Maintenance Work Requirement
Technical Bulletin SU-94-1, Rev B

PUBLICATIONS AFFECTED:

TM 55-1520-210-23-1 AVUM & AVIM Maintenance Instructions
TM 55-1520-210-23P-1 AVUM & AVIM Repair Parts and Special Tools List
TM 55-1615-226-40 GS Maintenance Manual, Scissors and Sleeve Assembly
DMWR 55-1520-210 Aircraft Depot Maintenance Work Requirement

ACCOMPLISHMENT INSTRUCTIONS:

Part I:

1. Review pertinent helicopter/component records for each P/N 212-010-407-001/-109 Scissor Lever Assembly to determine the retirement life being tracked.
 - a. If 3,600 hours or an unlimited retirement life is being tracked for the P/N 212-010-407-001 or -109 Scissor Lever Assembly, determine the current total time of each affected scissor lever assembly using helicopter or component records.
 - 1) P/N 212-010-407-001 or -109 Scissor Lever Assemblies with a current total time in excess of 3,300 hours, or whose total flight time cannot be determined, must be removed from service within the next 50 flight hours, but not later than six months, following receipt of this ASB. Once removed, these scissor lever assemblies are non-airworthy.
 - 2) P/N 212-010-407-001 or -109 Scissor Lever assemblies whose current total time can be documented as less than 3,300 hours may be retained in service after complying with Part II of this ASB.

- 3) If scissor lever assemblies must be replaced, refer to Technical Bulletin SU-94-1, Revision B, for helicopter eligibility, parts required, and installation instructions for new alternate part number scissor lever assemblies. If P/N 204-011-406-009 or -013 Scissor Lever Assemblies are to be installed, refer to TM 55-1520-210-23-1 and TM 55-1520-210-23P-1 for installation instructions and parts required.
2. Inspect each scissor and sleeve assembly with P/N 212-010-407 scissor lever assemblies installed to determine part number of the installed pivot bolts (Figure 1).
 - a. If a bolt with a part number other than P/N 212-010-411-005, or whose part number cannot be determined, is found installed, it must be removed from service within the next 50 flight hours, but not later than six months, following receipt of this ASB. Refer to Technical Bulletin SU-94-1, Revision B, Accomplishment Instructions, PART III, for bolt removal and installation and record procedures for the P/N 212-010-411-005 bolt.
 - b. For each installed P/N 212-010-411-005 pivot bolt, review pertinent helicopter/component records to determine its current total time.
 - 1) P/N 212-010-411-005 bolts with a current total time in excess of 1,000 hours, or whose total flight time cannot be determined, must be removed from service within the next 50 flight hours, but not later than six months, following receipt of this ASB. Refer to Technical Bulletin SU-94-1, Revision B, Accomplishment Instructions, PART III, for removal and installation procedures for the -005 bolt.
 - 2) P/N 212-010-411-005 bolts whose current total time can be documented as less than 1,000 hours may be retained in service.
 - a) If not previously accomplished, create an historical record card (HRC) for each -005 bolt indicating a retirement life of 1,000 hours and annotate the bolt's documented current total time.
 - b) Revise scissors and sleeve assembly historical records as required to add the -005 bolt and its 1,000 hour retirement life.

PART II:

2. Re-identify existing P/N 212-010-401-001/-109 Scissor Lever Assemblies whose total flight time is less than 3,300 hours.
 - a. P/N 212-010-407-001 Scissor Lever Assembly will be re-identified as P/N 212-010-407-111.

- b. P/N 212-010-407-109 Scissor Lever Assembly will be re-identified as P/N 212-010-407-113.
- 3. Refer to Technical Bulletin SU-94-1, Revision B, Accomplishment instructions, Part II, for re-identification procedures.
- 4. Following re-identification, make an entry in helicopter historical service records indicating compliance with this Alert Service Bulletin.
- 5. Refer to TB SU-94-1, Rev B, for maintenance and repair of P/N 212-010-407 scissor lever assembly.

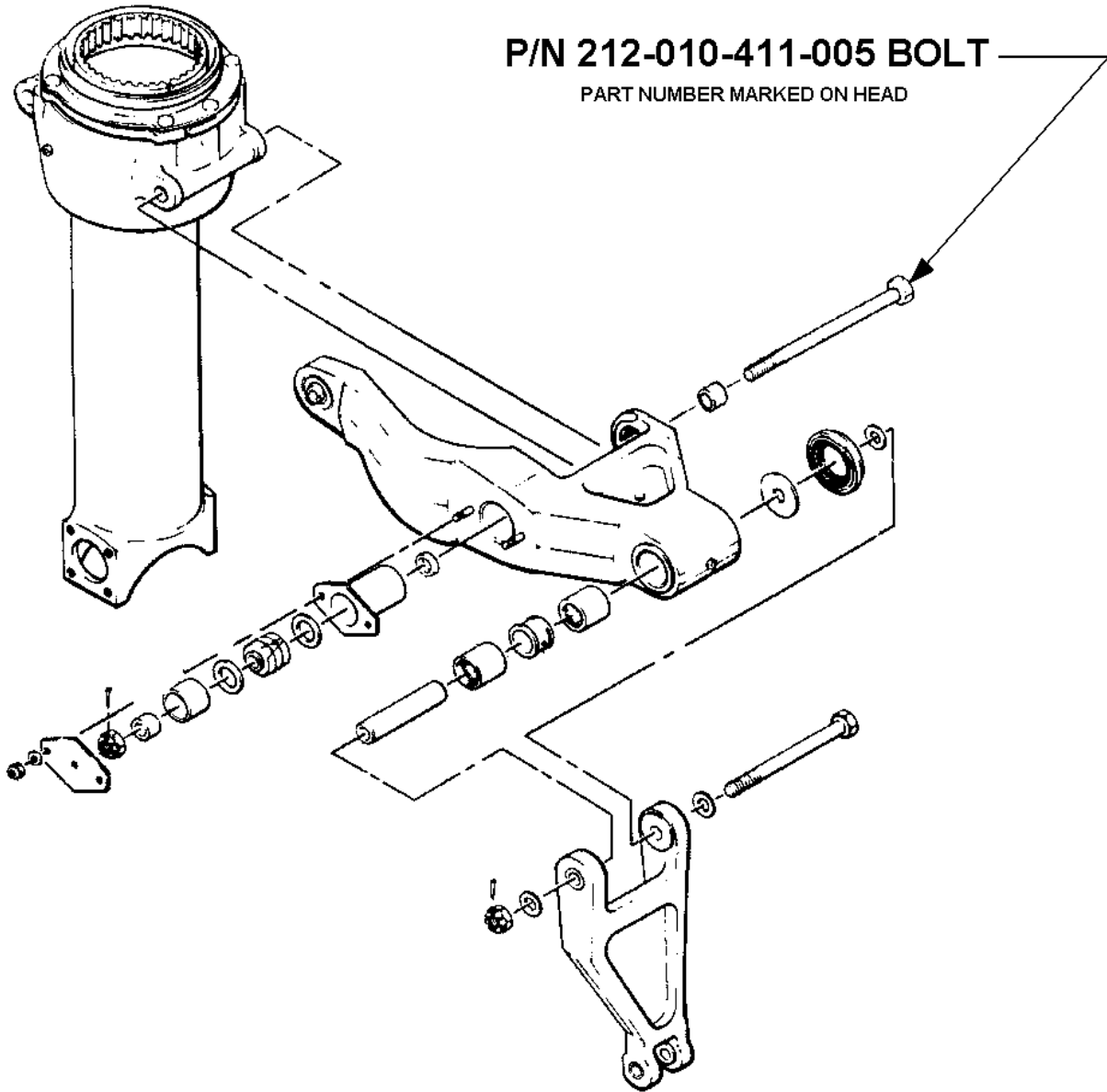


FIGURE 1