



# SCHWEIZER SERVICE BULLETIN

B-269.1\*  
26 Dec 2002

MANDATORY

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SUBJECT: REPLACEMENT OF OLD STYLE TAIL ROTOR DRIVE FORK HINGE BOLT AND  
CLARIFICATION OF TORQUE VALUE

MODELS AFFECTED: All Model 269A, TH-55A, A-1, B & C Helicopters

TIME OF COMPLIANCE: **PART I or PART II**, as applicable - At next 100-Hour/Annual Inspection or  
disassembly of affected parts (whichever occurs first)

REFERENCE: Models 269A, TH-55A, A-1, B & C Handbook of Maintenance Instructions (Issued 15  
Mar 1982, revised 26 Dec 2002)

- PREFACE:
- The purpose of this Service Bulletin is to replace 269A6092 BSC or 369A1602 BSC fork hinge bolt with a 269A6092-3 bolt, and to clarify the torque specification for the fork bolt.
  - Failure to comply with the instructions in this Service Bulletin may lead to loss of control of the helicopter and subsequent serious injury, death, and/or property damage.
  - Engineering aspect is FAA approved.

PROCEDURE:

NOTE

Prior to performing **PART I** or **PART II**, examine the fork bolt head marking to identify bolt. If identity can not be determined, consider the bolt to be 269A6092 BSC or 369A1602 BSC. 269A6092-3 bolts may carry any one of the following head markings:

269A6092-3  
369A1602-3  
6092-3

These bolts are identical except for head markings and all are acceptable.

**PART I** (Applicable only if 269A6092-3 or 369A1602-3 fork bolt is installed)

1. If the 269A6092-3 or 369A1602-3 fork bolt has been torqued to 140 - 160 in.-lbs. in accordance with HMI Appendix C, PART VII, Section 6, revised 17 April 1998, or more recent revision, or if this bolt has been stretch torqued to an elongation of 0.008 to 0.011 inch, no further action is required. Record compliance (Step 4 below).
2. If the 269A6092-3 or 369A1602-3 fork bolt has been torqued to 170 - 210 in.-lbs. (in accordance with the HMI prior to the 17 April 1998 revision), or if the torque value is unknown; at next removal, replace bolt.

(■) Denotes portion of text added or revised

\* Supersedes B-269, dated 17 Apr 1998

3. Install new fork bolt in accordance with HMI Appendix C, PART VII, Section 6, revised 26 Dec 2002. (The stretch torque procedure is required.)
4. Record compliance with this Service Bulletin in aircraft record.
5. Perform follow on torque check at 25 hours of operation in accordance with Basic HMI Para. 9-7.

**PART II** (Applicable only if 269A6092 BSC or 369A1602 BSC fork bolt is installed)

1. Remove 269A6092 BSC or 369A1602 BSC fork bolt.
2. Install 269A6092-3 fork bolt in accordance with HMI Appendix C, PART VII, Section 6, revised 26 Dec 2002. (The stretch torque procedure is required.)
3. Record compliance with this Service Bulletin in the aircraft records.
4. Perform follow on torque check at 25 hours of operation in accordance with Basic HMI, Para. 9-7.

WEIGHT AND BALANCE

Weight and Balance are not affected.