



SCHWEIZER SERVICE BULLETIN

B-280.1
06 Apr 2004

MANDATORY

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SUBJECT: MODIFICATION OF 269A5590-1, and 269A5483-1/-3 CLUTCH SPRING ASSEMBLIES

MODELS AFFECTED: ● All 269A, TH-55A model helicopters serial numbers 315 thru 1109

- All 269B model helicopters
- All 269C model helicopters serial numbers 004 thru 1838
- All 269A5483-1 and -3, and 269A5590-1 clutch spring assemblies in spares stock.

TIME OF COMPLIANCE: ● On helicopters: at next 400 hour inspection or one year, whichever occurs first.

- Parts in spares stock: before installation on a helicopter or one year whichever occurs first.

REFERENCES: Models 269A, TH-55A, A-1, B & C Basic HMI (Reissued: 15 March 1982; Revised: 14 Aug 2003).

PREFACE: ● Field reports have been received indicating that the 269A5590-9 cable assembly in the 269A5590-1 clutch spring assembly has failed where the cable enters the swaged ball inside the spring assembly. The Basic HMI was revised 26 Nov. 2002 to enhance the inspection of this area. A new 269A5590-15 cable assembly has been developed that allows easier inspection during periodic inspections and pilot's preflight inspection. The new -15 cable incorporates a 1/8 in. diameter cable. This Service Bulletin requires the installation of the new -15 cable assembly in the 269A5590-1 spring assembly in accordance with the SA-269K-111 kit installation drawing.

Additionally, the design of the 269A5483-1/-3 spring assembly (as modified in accordance with Service Bulletin N-226 dated 03 July, 1989) is similar to that of the 269A5590-1 spring assembly in the area of concern, and this Service Bulletin requires the installation of a new 269A5483 -117/-119 cable assembly that permits easier inspection and incorporates a 1/8 in. diameter cable in these spring assemblies in accordance with the SA-269K-112 kit installation drawing.

- Failure to comply with this Service Bulletin may lead to loss of control of the helicopter, and subsequent serious injury, death and or property damage.

PARTS LIST:

PART NUMBER	DESCRIPTION	SOURCE	QTY
SA-269K-111-1	Cable replacement installation kit for 269A5590-1 spring assemblies	SAC	1
SA-269K-112-1	Cable replacement installation kit for 269A5483-1 spring assemblies	SAC	1
SA-269K-112-3	Cable replacement installation kit for 269A5483-3 spring assemblies	SAC	1

Consult Basic HMI Figure 10-8 if part number of 269A5483 spring assembly is unknown

PROCEDURE: On helicopters incorporating the 269A5590-1 spring assembly, modify the clutch spring assembly and install the new 269A5590-15 cable assembly in place of the 269A5590-9 cable assembly in accordance with the installation instructions included in the SA-269K-111-1 kit.

NOTE

Service Bulletin N-226 dated 03 July, 1989 previously required installation of the 269A5483-17/-19 cable assemblies in the 269A5483-1/-3 spring assemblies.

On helicopters incorporating the 269A5483-1/-3 spring assemblies, modify the clutch spring assembly and install the new 269A5483-117 cable assembly in place of the 269A5483-17 cable assembly on 269A5483-1 spring assembly, or 269A5483-119 cable assembly in place of the 269A5483-19 cable assembly on 269A5483-3 spring assembly in accordance with the installation instructions included in the SA-269K-112-1 or -3 kit respectively.

WEIGHT AND BALANCE

Weight and balance is not affected.