

R44

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SERVICE BULLETIN SB-56

DATE: 29 March 2006

TO: All R44 Owners, Operators, and Service Centers

SUBJECT: Seat Belt Buckle Assemblies

EFFECTIVITY: C628-4 revision M or prior seat belt buckle assemblies (originally installed in R44s thru S/N 1576 and R44 IIs thru S/N 11107).

TIME OF COMPLIANCE: Inspect within next 100 flight hours. Replace by 31 July 2006.

BACKGROUND: Leaning on or sliding across seat belt buckles can bend and damage their stainless support straps. RHC has received reports of damaged straps cracking in service. C628-4 revision N buckle assemblies are designed to prevent cracking.

COMPLIANCE PROCEDURE:

1. Refer to figure on page 2. If helicopter is equipped with revision M or prior buckle assemblies, complete steps 2 and 3 within compliance times noted above.
2. To inspect, cut and remove plastic covers from all four C628-4 buckle assemblies. Visually inspect buckle assembly stainless straps, particularly in the vicinity of rivets. Replace any buckle assemblies with cracked straps before further flight.

NOTE

Aircraft with optional four-point harnesses do not have C628-4 front-seat buckle assemblies. Inspection is only required for rear-seat buckles on those aircraft.

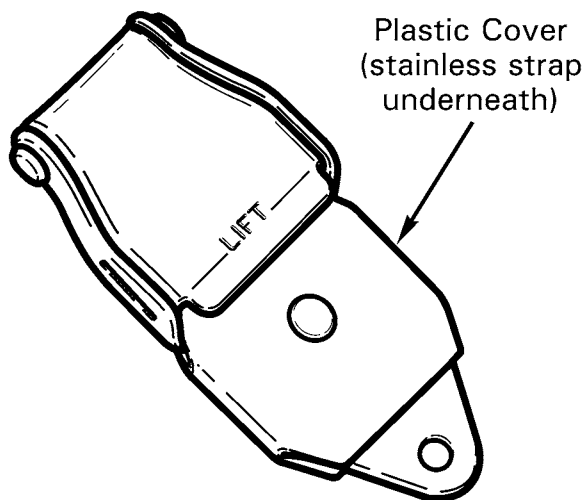
3. To replace, order one C628-4 buckle assembly and one A130-52 spacer for each affected seat. Remove bolt at base of buckle assembly noting hardware stack-up. (See figure on page 2.) Install revision N or later buckle assembly using same hardware except replace A130-52 spacer with new spacer. (New spacer is slightly longer to reduce friction in joint.) Torque to 120 in.-lb.
4. Make appropriate maintenance record entries.

-OVER-

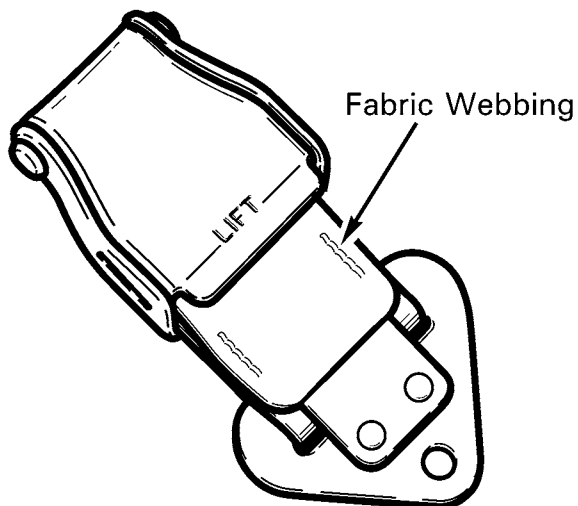
Approximate Cost:

Parts: No charge for replacement C628-4 buckle assemblies if ordered by 31 July 2006. Order must include helicopter serial number.

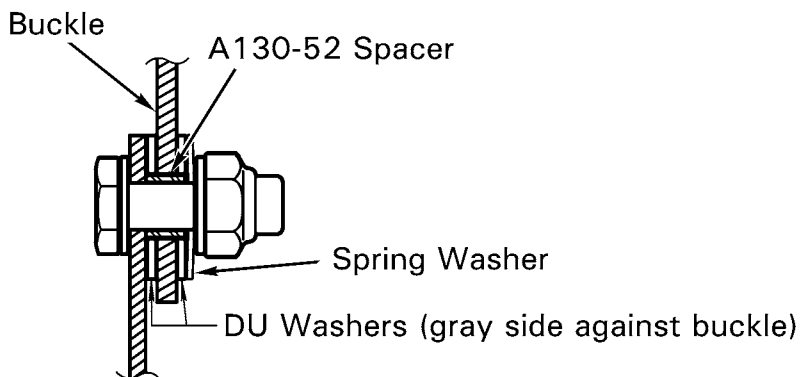
Labor: 0.4 man-hour for inspection.
0.2 man-hour per buckle for replacement.



C628-4 REVISION M OR PRIOR
BUCKLE ASSEMBLY



C628-4 REVISION N BUCKLE ASSEMBLY



BUCKLE INSTALLATION