

Agusta A109 Series Helicopters

AD/A109/17
Amdt 1

Main Gearbox Gleason Crown Bolts

4/93

Applicability: All A109A and A109 AII helicopters up to and including aircraft S/N 7437 fitted with main gearbox (MGB) 109-0400-02-1, -3 & -5 up to and including MGB S/N 363.

Note: MGB S/N 173, 176, 187, 207, 211, 267, 345 and 346 already comply.

Requirement: Unless previously carried out replace gleason crown bolts in accordance with mandatory Agusta Bollettino Tecnico No 109-77 Rev A.

Note: RAI AD 92-400 refers.

Compliance:

1. For gearboxes with less than 1100 hours time in service, prior to reaching 1200 hours time in service or by 31 January 1994, whichever occur first.
2. For gearboxes with more than 1200 hours time in service, within 300 hours time in service from 1 April 1993 or by 31 January 1994, whichever occurs first.

Background: During routine maintenance of the MGB oil filter magnesium flakes were noticed. Disassembly of the gearbox revealed 4 bolts, P/N 109-0406-69-1, had sheared in the Gleason Crown assembly. This amendment raised in sequence to add a calendar time and to include the Italian AD reference.