

**2010-02-51 AGUSTA S.p.A:** Directorate Identifier 2010-SW-05-AD.

Applicability: Model A109A, A109A II, A109C, and A109K2 helicopters, certificated in any category.

Compliance: Required as indicated, unless previously accomplished.

To prevent a crack in a main rotor scissor fitting assembly fixing bolt (fixing bolt), failure of a fixing bolt, and subsequent loss of control of the helicopter, do the following:

(a) Within 5 hours time-in-service (TIS), inspect the main rotor scissor fitting assembly, part number (P/N) 109-0110-67 and P/N 109-0110-58, to determine if there are 2 washers installed under the head of each fixing bolt, P/N 109-0101-78-5, as depicted in Figure 1 of Agusta Alert Bollettino Tecnico (ABT) No. 109K-53 for Model A109K2 helicopters, and ABT No. 109-131 for Model A109A, A109A II, and A109C helicopters, both dated December 18, 2009, as applicable.

(1) If there are 2 washers installed under the head of each fixing bolt, no further action is required.

(2) If there are not 2 washers installed under the head of each fixing bolt, within 25 hours TIS after complying with paragraph (a) of this AD, replace each fixing bolt, P/N 109-0101-78-5, and install 2 washers under the head of each fixing bolt as depicted in Figures 1 and 2 of the applicable ABT, by following the Compliance Instructions, Part II, paragraphs 1. through 3.5., of the applicable ABT.

(b) To request a different method of compliance or a different compliance time for this AD, follow the procedures in 14 CFR 39.19. Contact the Manager, Safety Management Group, ATTN: DOT/FAA Southwest Region, Sharon Miles, ASW-111, Aviation Safety Engineer, Rotorcraft Directorate, Regulations and Policy Group, 2601 Meacham Blvd., Fort Worth, Texas 76137, telephone (817) 222-5122, fax (817) 222-5961, for information about previously approved alternative methods of compliance.

(c) Joint Aircraft System/Component (JASC) Code 6220: Main Rotor Head.

(d) Copies of the applicable service information may be obtained from Agusta, Via Giovanni Agusta, 520 21017 Cascina Costa di Samarate (VA), Italy, telephone 39 0331-229111, fax 39 0331-229605/222595, or at [http://customersupport.agusta.com/technical\\_advice.php](http://customersupport.agusta.com/technical_advice.php).

(e) Emergency AD 2010-02-51, issued January 13, 2010, becomes effective upon receipt.

Note: The subject of this AD is addressed in European Aviation Safety Agency AD No. 2009-0274-E, dated December 18, 2009.

FOR FURTHER INFORMATION CONTACT: DOT/FAA Southwest Region, Sharon Miles, ASW-111, Aviation Safety Engineer, Rotorcraft Directorate, Regulations and Policy Group, 2601 Meacham Blvd., Fort Worth, Texas 76137, telephone (817) 222-5122, fax (817) 222-5961.