

EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE	
	PAD No.: 12-150 Date: 28 November 2012 Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.	
	In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.	
Design Approval Holder's Name: AIRBUS		Type/Model designation(s): A380 aeroplanes
TCDS Number: EASA.A.110		
Foreign AD: Not applicable		
Supersedure: None		
ATA 32		
Landing Gear – Body Landing Gear Retraction Actuator Pin Collar – Replacement		
Manufacturer(s): Airbus		
Applicability: Airbus A380-841, A380-842, and A380-861 aeroplanes, all manufacturer serial numbers		
Reason: During fatigue testing of the A380 body landing gear (BLG), the retraction actuator pin collar failed on several occasions. This condition, if not corrected, could result in collapse of a BLG unit, adversely affecting the structural integrity of the aeroplane. Further analyses of the retraction actuator pin collar failures demonstrated a reduced fatigue life, equal to 2 895 accumulated flight cycles (FC). For the reason describe above, this AD requires the replacement of the retraction actuator pin collar fitted on both Left Hand (LH) and Right Hand (RH) BLG with a new design retraction actuator pin collar, which restores the aeroplane to a condition that meets the Design Service Goal.		
Effective Date: [TBD: 14 days after final AD issue date]		
Required Action(s) and Compliance Time(s): Required as indicated, unless accomplished previously: (1) Within 2 895 FC from LH and RH BLG first installation on an aeroplane modify, concurrently, LH and RH BLG in accordance with the instructions of Airbus Service Bulletin (SB) A380-32-8015:		

	(1.1) Replace the retraction actuator pin collar having Part Number (P/N) 2144M5279-1 with a retraction actuator pin collar having P/N 2144M5279-2, and (1.2) Re-identify the BLG pintle frame. Note: The compliance time required by paragraph (1) of this AD overrides the 2598 FC compliance time specified in Airbus SB A380-32-8015 at original issue. (2) Aeroplanes which have been modified in production in accordance with Airbus modification 68762, or aeroplanes which have been modified in service before the effective date of this AD in accordance with the instructions of Airbus SB A380-32-8015, are not affected by the requirements of paragraph (1) of this AD, provided it can be demonstrated that retraction actuator pin collar having P/N 2144M5279-1 or pintle frame assembly having P/N 2144A5305-17 or P/N 2244A5305-17 are not currently installed on that aeroplane. (3) After modification of an aeroplane as required by paragraph (1) of this AD, or from the effective date of this AD for aeroplanes which have been modified in production in accordance with Airbus modification 68762, as applicable, do not install any retraction actuator pin collar having P/N 2144M5279-1 or pintle frame assembly having P/N 2144A5305-17 or P/N 2244A5305-17 on a BLG fitted on that aeroplane. In addition, from the effective date of this AD, do not install a BLG unit on any aeroplane, unless it has been determined that retraction actuator pin collar having P/N 2144M5279-1 or pintle frame assembly having P/N 2144A5305-17 or P/N 2244A5305-17 are not fitted on that BLG.
Ref. Publications:	Airbus Service Bulletin A380-32-8015 original issue dated 15 June 2009. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks:	1. This Proposed AD will be closed for consultation on 12 December 2012. 2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 3. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS SAS - EIANA (Airworthiness Office), Telephone : +33 562 110 253 ; Fax: +33 562 110 307 E-mail: account.airworth-A380@airbus.com, nabil.tahiri@airbus.com and sandra.cuiec@airbus.com.