



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

NOSE LANDING GEAR DOORS SAFETY PIN - MAINTENANCE PRACTICES

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to install and remove the safety pin of the NLG doors solenoid valve.
- B. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
32-00-02-910-801-A	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL	ALL



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TASK 32-00-02-910-801-A

EFFECTIVITY: ALL

2. SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL

A. General

- (1) The safety pin of the NLG doors solenoid valve must be installed when the aircraft is parked and during maintenance procedures.
- (2) When not in use the safety pin is kept in a recess of the aft console, behind the pilot seat.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
114	114CR	Forward fuselage I - RH

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Nose hydraulic component door 114CR

I. Preparation ([Figure 201](#))

SUBTASK 841-002-A

- (1) Make sure that hydraulic system No. 1 is depressurized (I.E. engine No. 1 stopped and electrical motor-driven pump No. 1 turned off).
- (2) Control the rudder to the left and to the right sides until the pressure of the hydraulic system shows zero PSI on the EICAS display.
- (3) Open access door 114CR (AMM MPP 06-41-01/100).



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J. Install ([Figure 201](#))

SUBTASK 420-002-A

- (1) Manually push the SPOOL ACTUATING PIN. Refer to figure 201.
- (2) Install the safety pin of the NLG doors solenoid valve. Refer to figure 201.
- (3) Make sure that the red REMOVE-BEFORE-FLIGHT streamer is clearly in view.

K. Removal ([Figure 201](#))

SUBTASK 020-002-A

- (1) Remove the safety pin of the NLG doors solenoid valve. Refer to figure 201.
- (2) Keep the pin in the recess of the aft console, behind the pilot seat.

L. Follow-on ([Figure 201](#))

SUBTASK 842-002-A

- (1) Close hydraulic compartment door 114CR.

EFFECTIVITY: ALL

Safety Pin of the NLG Doors Solenoid Valve

Figure 201

