



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

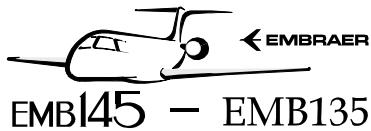
NOSE LANDING GEAR - EXTERNAL - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of the nose landing gear, gear compartment LH/RH doors, nose landing gear bay and FWD pressure bulkhead lower side for general condition.
- B. Related zones: 711/713/714/113/114/115/116.
- C. Zone Boundaries: STA X = 713 thru STA X = 2159.0.
- D. 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
05-30-01-200-801-A ♦	NOSE LANDING GEAR - EXTERNAL GEN- ALL ERAL VISUAL INSPECTION	



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TASK 05-30-01-200-801-A

EFFECTIVITY: ALL

2. NOSE LANDING GEAR - EXTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This task gives instructions to do Zonal Task 32-Z711-213-001-A00.
- (2) You must do the external general visual inspection (GVI) of the nose landing gear, gear compartment LH/RH doors, nose landing gear bay and FWD pressure bulkhead lower side, in zones 711/713/714/113/114/115/116, at a distance from which you can touch the items that you will examine.
- (3) The function of the external visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.
- (4) After you complete the procedures given in the Zonal Inspection task, you must do a General Visual Inspection (GVI) in all of the specified zones. The inspection must include all installations, components, and structures. Refer to the AMM Introduction for zonal inspection criteria.

B. References

REFERENCE	DESIGNATION
AMM TASK 32-00-01-910-801-A/200	LG SAFETY PIN - INSTALLATION AND REMOVAL
WM 20-22-00	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

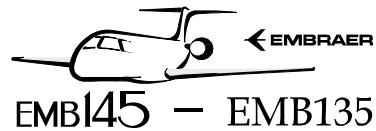
H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Nose landing gear

I. Preparation

SUBTASK 841-002-A

- (1) Install the landing-gear safety pin ([AMM TASK 32-00-01-910-801-A/200](#)).



J. External General Visual Inspection ([Figure 601](#))

SUBTASK 212-002-A

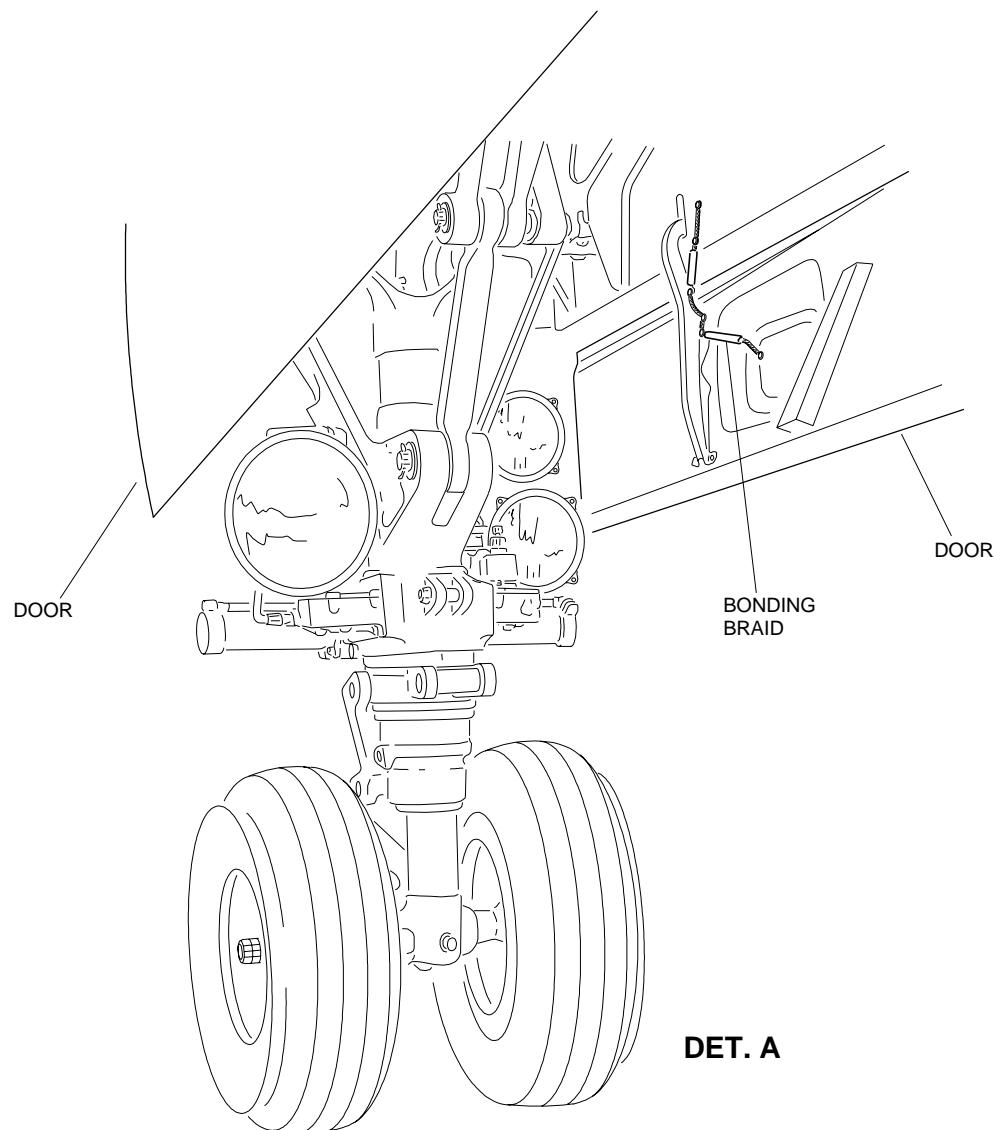
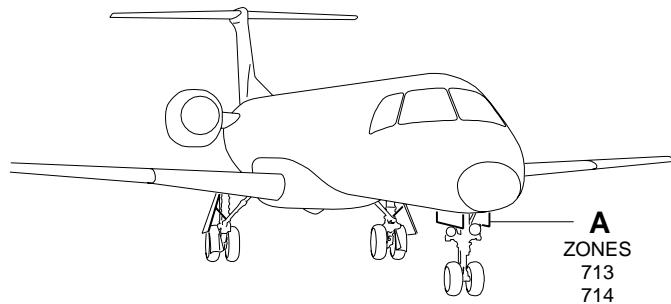
- (1) Examine the nose landing gear zone for loose rivets, screws, nicks, cracks, dents, erosion, corrosion, deformation, deteriorated protective treatment, signs of leakage, and bonding jumper condition.
- (2) Examine the extension and retraction components of the nose landing gear for condition.
- (3) Examine the nose landing gear doors for condition.
- (4) Examine the nose landing gear door hinge points for condition.
- (5) Examine the lower locking strut for condition.
- (6) Examine the NLG bay area and FWD pressure bulkhead lower side for loose rivets, screws, nicks, cracks, dents, corrosion, deformation, deteriorated protective treatment.
- (7) Examine the EWIS components for signs of damage, adequate installation, chafing and general condition. Refer to WM 20-22-00.

K. Follow-on

SUBTASK 842-002-A

- (1) Remove the landing gear safety pin ([AMM TASK 32-00-01-910-801-A/200](#)).

EFFECTIVITY: ALL
Nose Landing Gear
Figure 601



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