

## NOSE LANDING GEAR SPRING CARTRIDGE - MAINTENANCE PRACTICES

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedure to restore the nose landing gear (NLG) spring assembly.
- 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
<a href="#">32-20-04-900-801-A</a>	NLG SPRING ASSEMBLY - RESTORATION	ALL

TASK 32-20-04-900-801-A

EFFECTIVITY: ALL

## 2. NLG SPRING ASSEMBLY - RESTORATION

### A. General

- (1) Refer to the latest revision of Component Maintenance Manual (CMM) 32-21-20 to restore the NLG spring assembly.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 29-10-00-860-802-A/200</a>	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP
<a href="#">AMM TASK 32-00-02-910-801-A/200</a>	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
<a href="#">AMM TASK 32-20-04-000-801-A/400</a>	SPRING ASSEMBLIES OF THE NOSE LANDING GEAR - REMOVAL
<a href="#">AMM TASK 32-20-04-400-801-A/400</a>	SPRING ASSEMBLIES OF THE NOSE LANDING GEAR - INSTALLATION
<a href="#">SB145-32-0036</a>	-

### 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

Not Applicable

### I. Preparation

**SUBTASK 841-003-A**

- (1) For aircraft PRE-MOD [SB145-32-0036](#), make sure that the pressure in hydraulic system No. 1 is fully released ( [AMM TASK 29-10-00-860-802-A/200](#)).
- (2) For aircraft POST-MOD [SB145-32-0036](#), install safety pin of the NLG doors solenoid valve ( [AMM TASK 32-00-02-910-801-A/200](#)).
- (3) Remove the NLG spring assembly ( [AMM TASK 32-20-04-000-801-A/400](#)).

J. Restore NLG Spring ([Figure 201](#))

*SUBTASK 900-003-A*

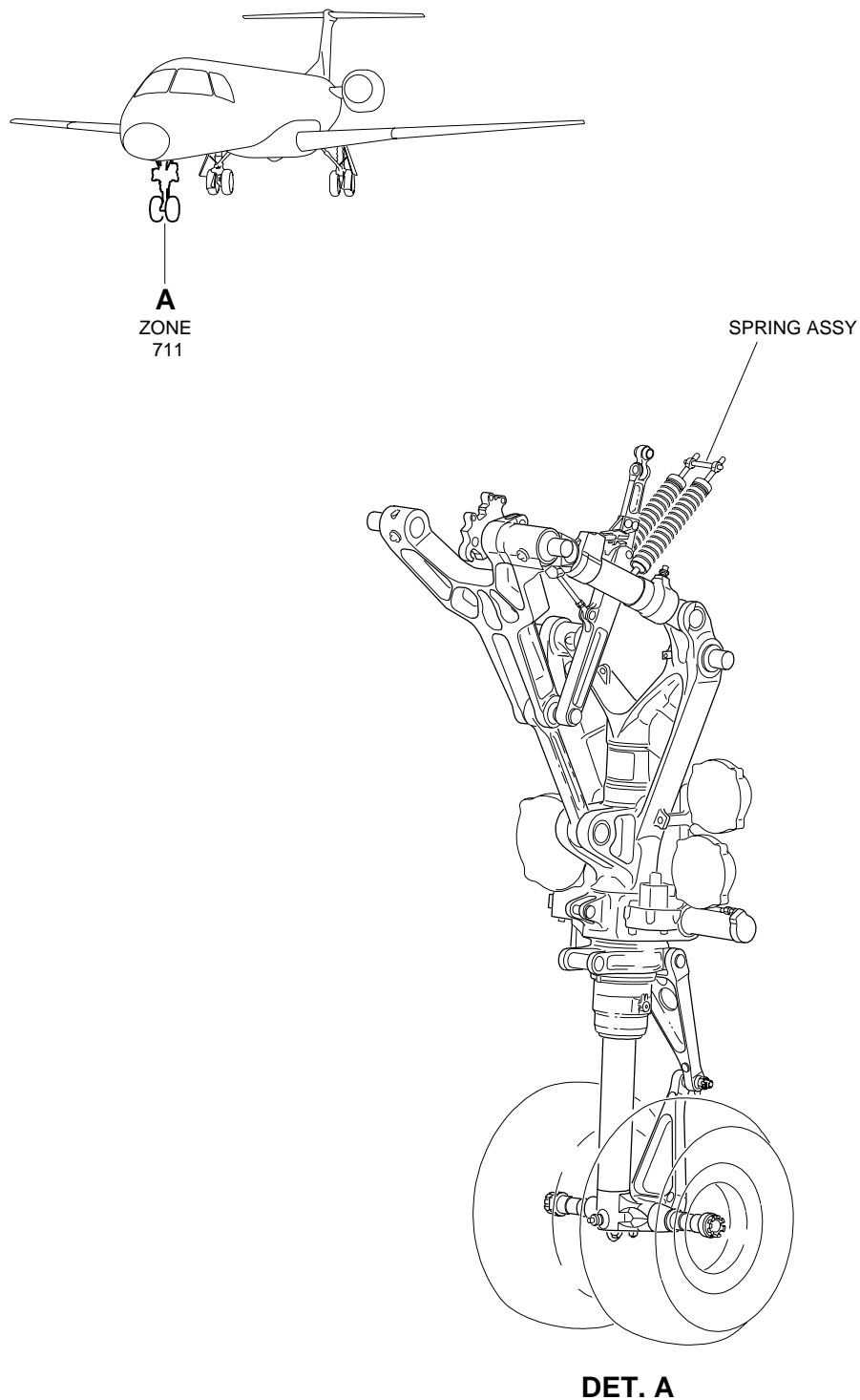
- (1) Refer to the latest revision of the LIEBHERR CMM 32-21-20 to restore the NLG spring assembly.

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

*SUBTASK 842-003-A*

- (1) Install the NLG spring assembly ( [AMM TASK 32-20-04-400-801-A/400](#)).
- (2) For aircraft POST-MOD [SB145-32-0036](#), remove safety pin of the NLG doors solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).

**EFFECTIVITY: ALL**  
**NLG Spring Assembly - Restoration**  
**Figure 201**



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