

**CHAPTER**

**09**

**TOWING AND  
TAXIING**



**737-600/700/800/900**  
**ILLUSTRATED TOOL AND EQUIPMENT MANUAL**

**CHAPTER 09**  
**TOWING AND TAXIING**

Subject/Page	Date	Subject/Page	Date	Subject/Page	Date
09-EFFECTIVE PAGES					
1	Feb 05/2016				
2	BLANK				
09-CONTENTS					
1	Aug 05/2014				
2	BLANK				
09-00-01					
1	Aug 05/2014				
2	BLANK				
09-00-02					
1	Aug 05/2014				
2	Aug 05/2014				
09-00-03					
1	Aug 05/2014				
2	Aug 05/2014				

A = Added, R = Revised, D = Deleted, O = Overflow

## 09-EFFECTIVE PAGES

D634A501

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details

Page 1  
Feb 05/2016



**737-600/700/800/900**  
**ILLUSTRATED TOOL AND EQUIPMENT MANUAL**

**CHAPTER 09**  
**TOWING AND TAXIING**

<b><u>SUBJECT</u></b>	<b><u>TITLE</u></b>	<b><u>PART NO.</u></b>
<b>09</b>	<b>TOWING AND TAXIING</b>	
09-00-01	DATA SHEET - 737 TOWBAR DESIGN	C09002
09-00-02	TOWING EYE BOLT ASSEMBLY - MAIN GEAR	F72719-5, -500
09-00-03	LOCK PIN - NOSE GEAR TOWING LEVER	A09003-1, -2

## **09-CONTENTS**



**737-600/700/800/900**  
**ILLUSTRATED TOOL AND EQUIPMENT MANUAL**

**PART NUMBER: C09002**

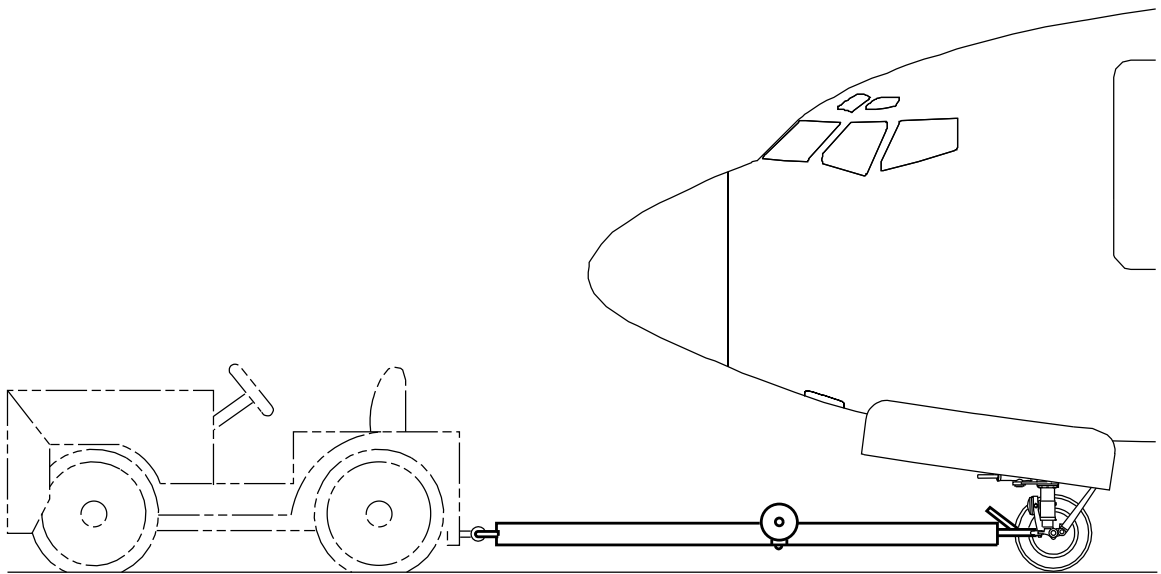
**NAME:** DATA SHEET - 737 TOWBAR DESIGN

**AIRPLANE MAINTENANCE:** YES

**COMPONENT MAINTENANCE:** NO

**USAGE & DESCRIPTION:** The C09002 data sheet is used on all 737 airplanes.

The C09002 is a specification drawing providing basic 737 design data and dimensions required for all 737 airplane towbars. C09002 provides information on fusing, shock mounting, design information and towbar usage marking. C09002 is used by Boeing customers, GSE tool suppliers and manufacturers in the development of their proprietary towbar designs.



F77113 S0006831345\_V1

**Towbar Design Data Sheet**  
**Figure 1**

**09-00-01**



**737-600/700/800/900  
ILLUSTRATED TOOL AND EQUIPMENT MANUAL**

**PART NUMBER: F72719-5, -500**

**NAME:** TOWING EYE BOLT ASSEMBLY - MAIN GEAR

**AIRPLANE MAINTENANCE:** YES

AMM 09-10-00, AMM 09-11-00, AMM 09-11-04, AMM 09-13-00, AMM 10-21-00,

**COMPONENT MAINTENANCE:** NO

**OTHER MANUALS:** YES

ARD 4-20-1, ARD 4-30-4, ARD 5-10-01, ARD 5-10-4

**USAGE & DESCRIPTION:** The F72719-5 towing eye bolt assembly is an option for use on 737-100 thru -500 airplanes.

The F72719-500 (preferred) eyebolt assembly is used on all 737 airplanes.

F72719 is used to tow a 737 airplane at the main landing gear (abnormal circumstances), if required. F72719 is installed in the hole on the bottom of each main gear oleo. F72719 may be installed on the forward or aft side of the oleo lug for either forward or backward towing.

Refer to AMM 09-10-00, AMM 09-11-00, AMM 09-13-00, AMM 10-21-00, the 707, 727, 737 Airplane Recovery Document (ARD) D6-40146, ARD 4-30-4, ARD 5-10-4 and the current F72719 drawing for complete usage instructions for 737-100 thru -500 airplanes.

Refer to AMM 09-11-00, AMM 09-11-04, 737-600/-700/-800/-900 Airplane Recovery Document (ARD) D626A004, ARD 4-20-1, ARD 5-10-1 and the current F72719 drawing for complete usage instructions for 737-600 thru -900 airplanes.

F72719-5 and -500 consist of:

F72719-5		
QUANTITY	NOMENCLATURE	PART NUMBER
1	EYE BOLT	F72719-7
1	SPACER	F72719-6
1	NUT	AN315-14R

F72719-500		
QUANTITY	NOMENCLATURE	PART NUMBER
1	EYEBOLT	F72719-8 <sup>*[1]</sup>
1	SPACER	F72719-6
1	NUT	AN315-14R

<sup>\*[1]</sup> F72719-9 EYE BOLT OPTION TO F72719-8.

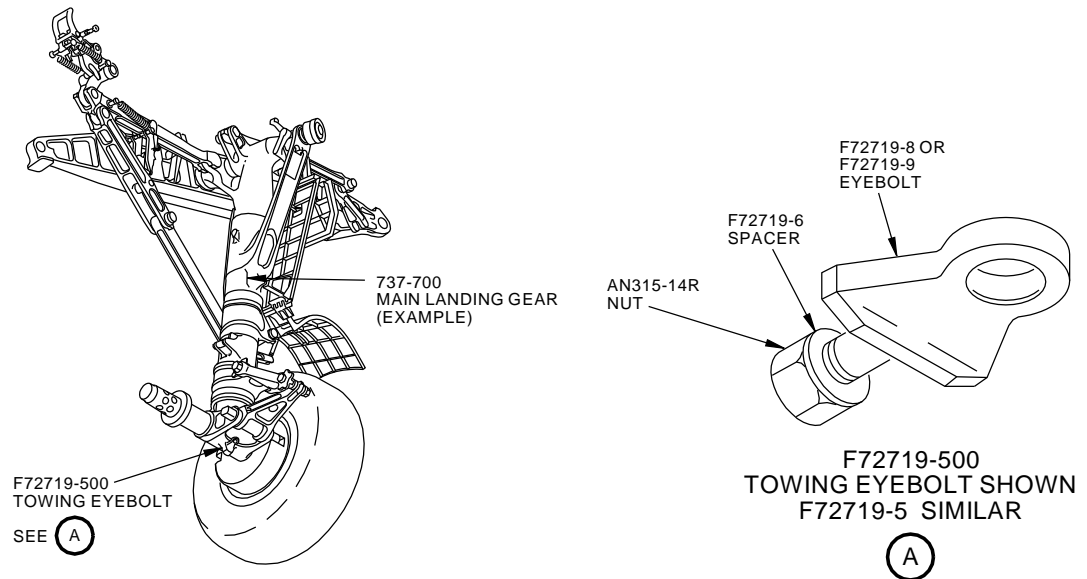
**WEIGHT:** 6 lbs (2.7 kg)

**09-00-02**



**737-600/700/800/900**  
**ILLUSTRATED TOOL AND EQUIPMENT MANUAL**

**DIMENSIONS:** 7 x 4 x 2 inches (178 x 102 x 51 mm)



F91741 S0006831347\_V4

**Main Gear Towing Eye Bolt Assembly**  
**Figure 1**

**09-00-02**



**737-600/700/800/900**  
**ILLUSTRATED TOOL AND EQUIPMENT MANUAL**

**PART NUMBER: A09003-1, -2**

**NAME:** LOCK PIN - NOSE GEAR TOWING LEVER

**AIRPLANE MAINTENANCE:** YES

AMM 07-11-01, AMM 07-11-02, AMM 07-11-03, AMM 09-11-00, AMM 32-00-01, AMM 32-21-24, AMM 32-51-00, AMM 32-51-11, AMM 32-51-51, AMM 32-51-52

**COMPONENT MAINTENANCE:** NO

**USAGE & DESCRIPTION:** The A09003-1 or -2 (preferred) lock pin is used on 737-600/-700/-800/-900 airplanes.

A09003 is used to lock the "towing lever" to the nose landing gear steering during towing operations. The towing lever is pulled forward to depressurize the landing gear, the A09003 lock pin holds the towing lever in place. Refer to the current A09003 drawing, AMM 07-11-01, AMM 07-11-02, AMM 07-11-03, AMM 09-11-00, AMM 32-00-01, AMM 32-21-24, AMM 32-51-00, AMM 32-51-11, AMM 32-51-51 and AMM 32-51-52 for complete usage instructions. A09003-1 and A09003-2 consist of:

A09003-1		
QUANTITY	NOMENCLATURE	PART NUMBER
1	WARNING STREAMER	NAS1756-24
1	BALL LOCK PIN	CL-5-BLPT-2.0-S

A09003-2		
QUANTITY	NOMENCLATURE	PART NUMBER
1	WARNING STREAMER	A09003-3
1	BALL LOCK PIN	CL-5-BLPT-2.0-S

**WEIGHT:** 0.2 lbs (0.1 kg)

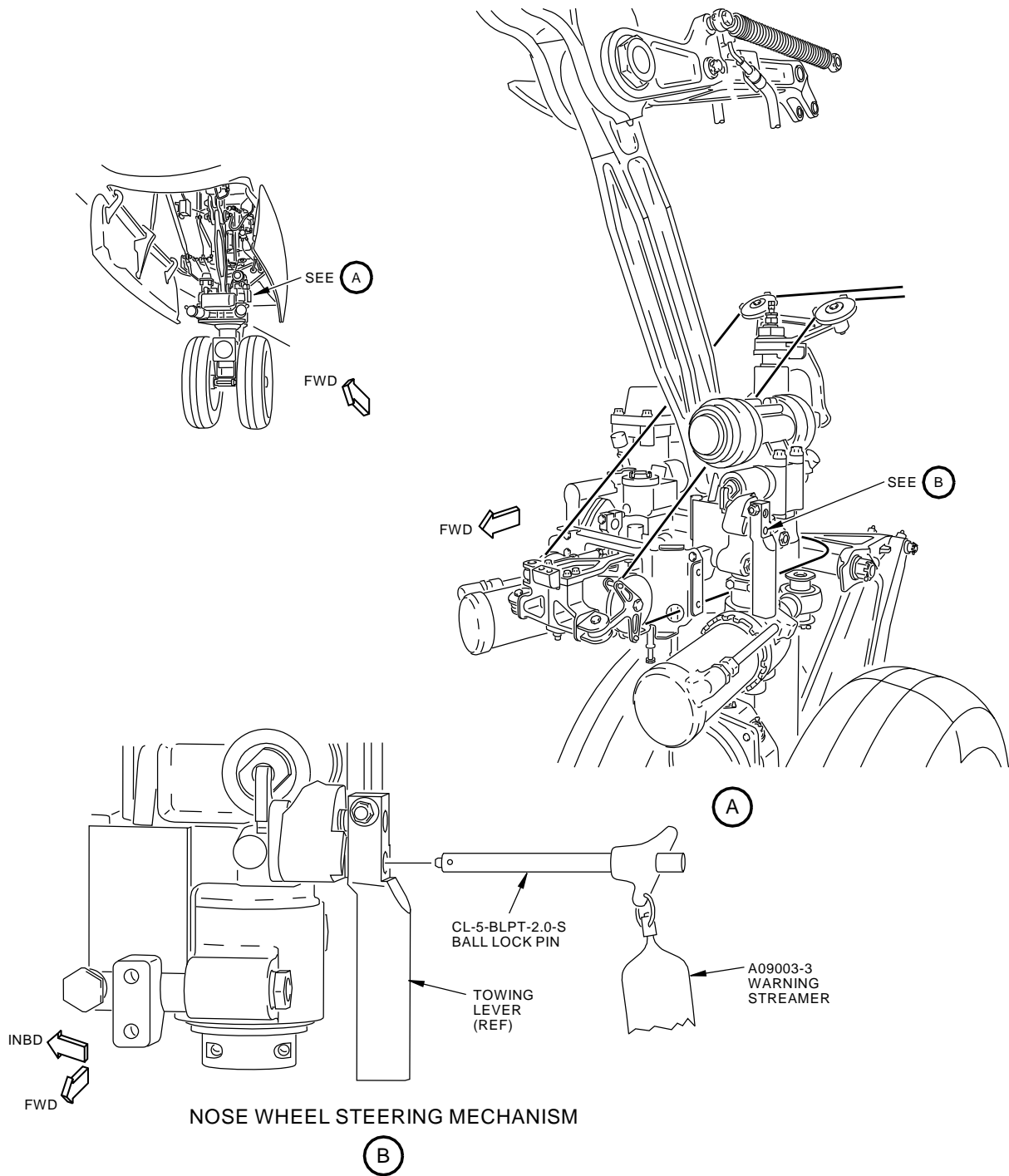
**DIMENSIONS:** 1 x 1 x 4 inches (25 x 25 x 102 mm)

**NOTE:** A09003-2 replaces A09003-1 for future procurement.

**09-00-03**



737-600/700/800/900  
ILLUSTRATED TOOL AND EQUIPMENT MANUAL



G83009 S0006831349\_V3

Nose Gear Towing Lever Lock Pin  
Figure 1

09-00-03

D634A501

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details

Page 2  
Aug 05/2014