

737 Jackscrew Maintenance Ladder Training, Operations & Parts Manual

Maintenance Schedule



Keith Consolidated Industries
www.kcigse.com

541-830-8678
1718 Antelope Rd.
White City, OR 97502

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• Overview •



The 737 Jackscrew Maintenance ladder is designed to accommodate Ground crew access to the aft jackscrew access point of the 737 aircraft. The Jackscrew ladder is lightweight and easily maneuvered and deployed by one individual in less than 1 minute. Adjustable gates on all sides make using the Jackscrew Ladder simple and seamless.

• Specifications •



737 Jackscrew Maintenance Ladder

Overall Height	122"
Overall Length	112"
Overall Width	78"
Maximum Weight Capacity	1500 lbs.
Overall Weight	700 lbs.

• Operations •

•Positioning the Ladder•



The Ladder should be inspected before each use to assure a clean and unobstructed pathway, and that all parts are secured and in good working order.

1. Position the ladder by grasping the handrail and pushing into place.
2. Deploy the stabilizer feet. Grasp the stabilizer handles and articulate over until the stabilizer foot is set.



Do not ascend/descend the ladder prior to engaging the stabilization feet.



Warnings and Restrictions Summary



1. Inspect the maintenance stand prior to use to ensure a clear and unobstructed pathway.
2. Do not ascend/descend the maintenance stand without the stabilizer feet deployed.
3. When positioning the maintenance stand, take caution to not contact the fuselage of the aircraft.
4. Only one person at a time should ever ascend or descend the maintenance stand.

• Preventative Maintenance Checklist •

The following is a general maintenance checklist which covers the major components of your 737 Jackscrew Maintenance Ladder Maintenance. It is recommended that the following be checked regularly as scheduled to ensure proper function, longevity, and safety.

COMPONENT	SUGGESTED ACTION	SCHEDULE		
		Quarterly	Bi-Annually	Annually
WHEELS	Grease wheels			
STRUCTURAL	General Check: Loose bolts, etc. tightened. Cracks, broken areas.			
HANDRAILS	General Check: cracks			

• How to Order Replacement Parts •

When ordering replacement parts:

- Contact the KCI parts dept. at (541) 830-4877 or email msankey@kci.nu
- Give the Model Number, Serial Number, and Mfg. Date) to the parts representative.
- If possible, give the part number and a description from the parts list. Or describe the needed part(s) to the best of your ability.
- If you are in a breakdown situation, please tell us, we will try to get your unit operational as soon as possible.



Serial Number
(The ID Plate is located on the frame.)

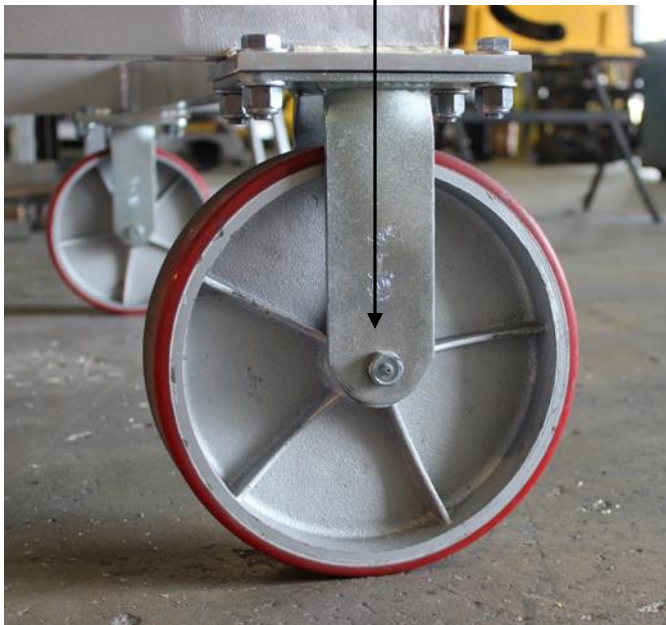
Mfg. Date
(You may be asked the Mfg. Date of your unit, have it ready if you are asked for it)



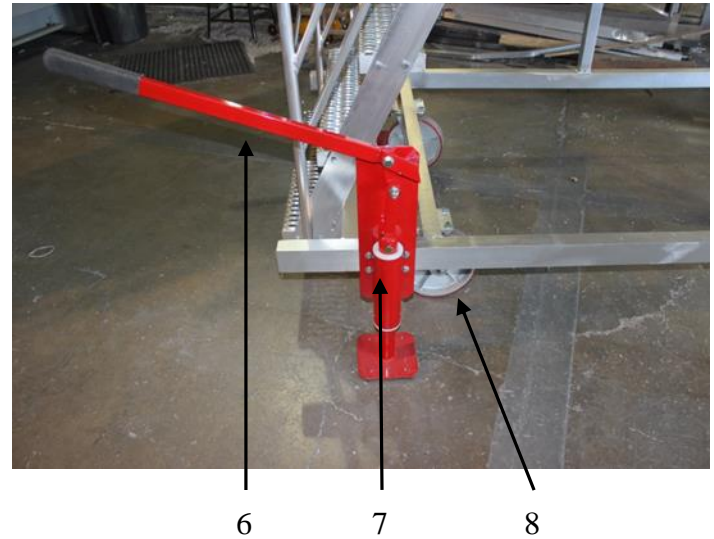
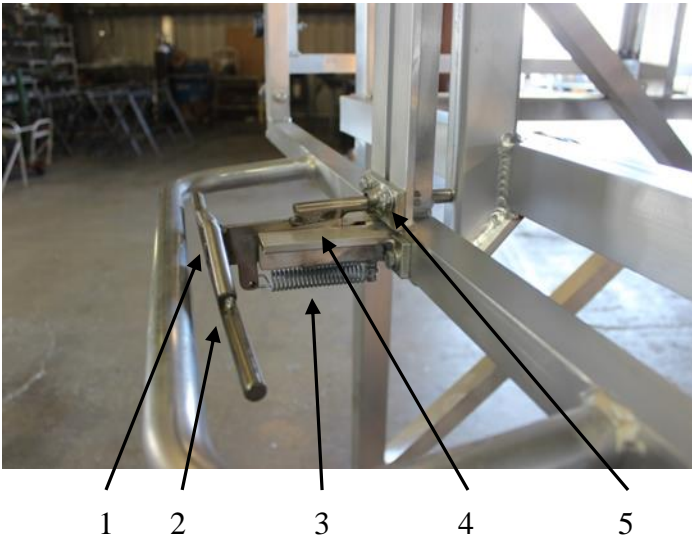
• Preventative Maintenance •

• *Lubrication of the Jackscrew Ladder* •

Each wheel has two lubrication points



• Parts Breakdown •



<i>Item</i>	<i>Description</i>	<i>Part Number</i>
1	Sliding Gate Release Latch, Complete Assembly	JSS-SGL04
2	Sliding Gate Release Latch, Latch Only	JSS-SGL04L
3	Sliding Gate Latch Spring	P00045
4	Sliding Gate Alignment Bracket	JSS-SGA05
5	Sliding Gate Latch Guide Tube	JSS-SGL05
6	Stabilizer Handle, Right Side	JSS-SR10
7	Stabilizer Foot, Complete Assembly	JSS-SR09
8	Swivel Wheel Assembly	PS1025S

• Parts Breakdown •



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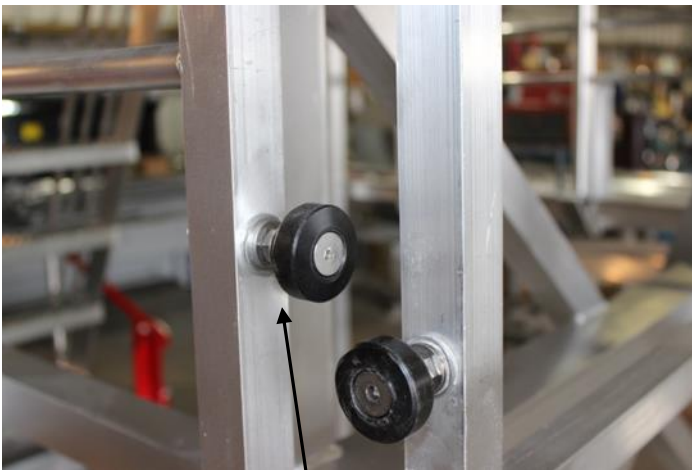
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<i>Item</i>	<i>Description</i>	<i>Part Number</i>
8	Deck Gate, Left Side	JSS-DGL11
9	Deck Gate, Right Side	JSS-DGR12
10	Sliding Gate, Front	JSS-SG03
11	Sliding Gate, Left Side	JSS-SG01
12	Yellow Foam Padding	P00115
13	Sliding Gate Roller	JSS-SGR06
14	Protective Corner Bumper, White	P00025
15	Protective Corner Bumper, Black	TM1-1-8056

• Parts Breakdown •



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<i>Item</i>	<i>Description</i>	<i>Part Number</i>
16	Sliding Gate, Right Side	JSS-SG02
17	Rigid Wheel Assembly	PS1025R
18	Stabilizer, Complete Assembly, Left Side	JSS-SL07
19	Stabilizer Handle, Left Side	JSS-SL08

• Parts Breakdown •



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<i>Item</i>	<i>Description</i>	<i>Part Number</i>
20	Ladder Tread	JSS-SA17
21	Ladder Handrail, Right Side	JSS-SHR16
22	Deck Handrail, Right Side	JSS-DHR14
23	Deck Handrail, Left Side	JSS-DHL13
24	Ladder Handrail, Left Side	JSS-SHL15

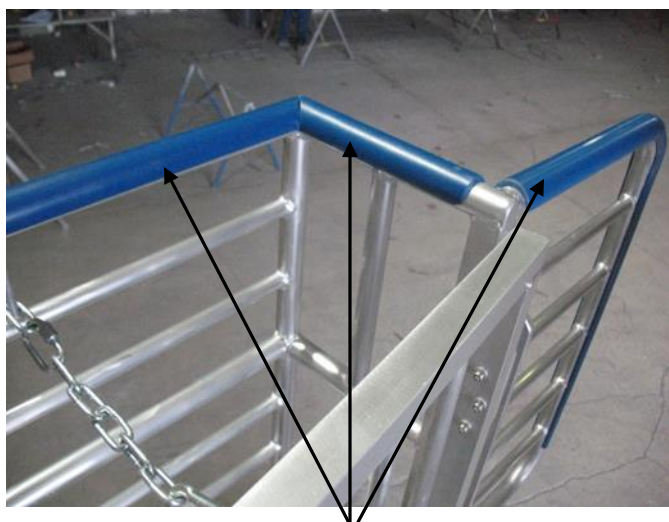
• Parts Breakdown •



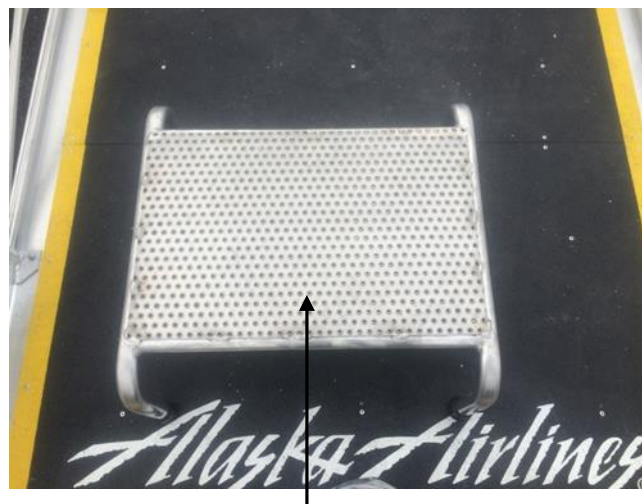
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<i>Item</i>	<i>Description</i>	<i>Part Number</i>
25	Blue Handrail Cover, Sliding Gate Handle	JSS-BHC20
26	Blue Handrail Cover, Ladder Handrails	JSS-BHC19
27	Blue Handrail Cover, Deck Handrail, Right Side	JSS-BHC22
28	Blue Handrail Cover, Deck Handrail, Left Side	JSS-BHC21
29	Maintenance Step	JSS-MDS22

• Warranty •

This warranty is in lieu of all other warranties, either expressed or implied.

What is Covered:

This warranty covers equipment manufactured by KCI, Inc. from any defects in materials, workmanship and/or installations performed.

Period of Coverage:

This warranty lasts for a period of two years, electrical component coverage is for one year from the date the product ships, or until the original ownership of the ramp is transferred to another party, whichever comes first. Any repairs or modifications without the express written consent of KCI, Inc. will be grounds to immediately void all or part of this warranty.

What is Not Covered:

This warranty does not cover the following:

1. Accidental damage.
2. Misuse or abuse.
3. Damage caused by adverse weather, disasters, or other forces of nature.
4. Worn out adhesive skid walk.
5. Worn out tires/wheels.
6. Worn out/faded canvas canopies.
7. Any other wear or damage caused by the equipment's general use.
8. Any consequential or incidental damages to include:
 - a. Any loss of profit.
 - b. Loss by reason of airport or flight line shutdown.
 - c. Non-operation or increased expense of operation.
 - d. Loss of passengers or business.

What KCI Will Do:

Repair or replace any original part, component or piece of equipment that is found to have defects from time of shipment through the end of the period of coverage.

How to Make a Service Claim:

Provide a claim in writing within the period of coverage to the address listed below or email to msankey@kci.nu. We will then determine if the problem is a defect with the product. Once the nature of the problem is ascertained, we will notify the buyer of our planned resolution. This may include an on-site visit by KCI, Inc. for repairs, or that the buyer ships the defective part or component to us for inspection and replacement at KCI's expense.

KCI GSE Inc.
1718 Antelope Road
White City, Oregon 97503