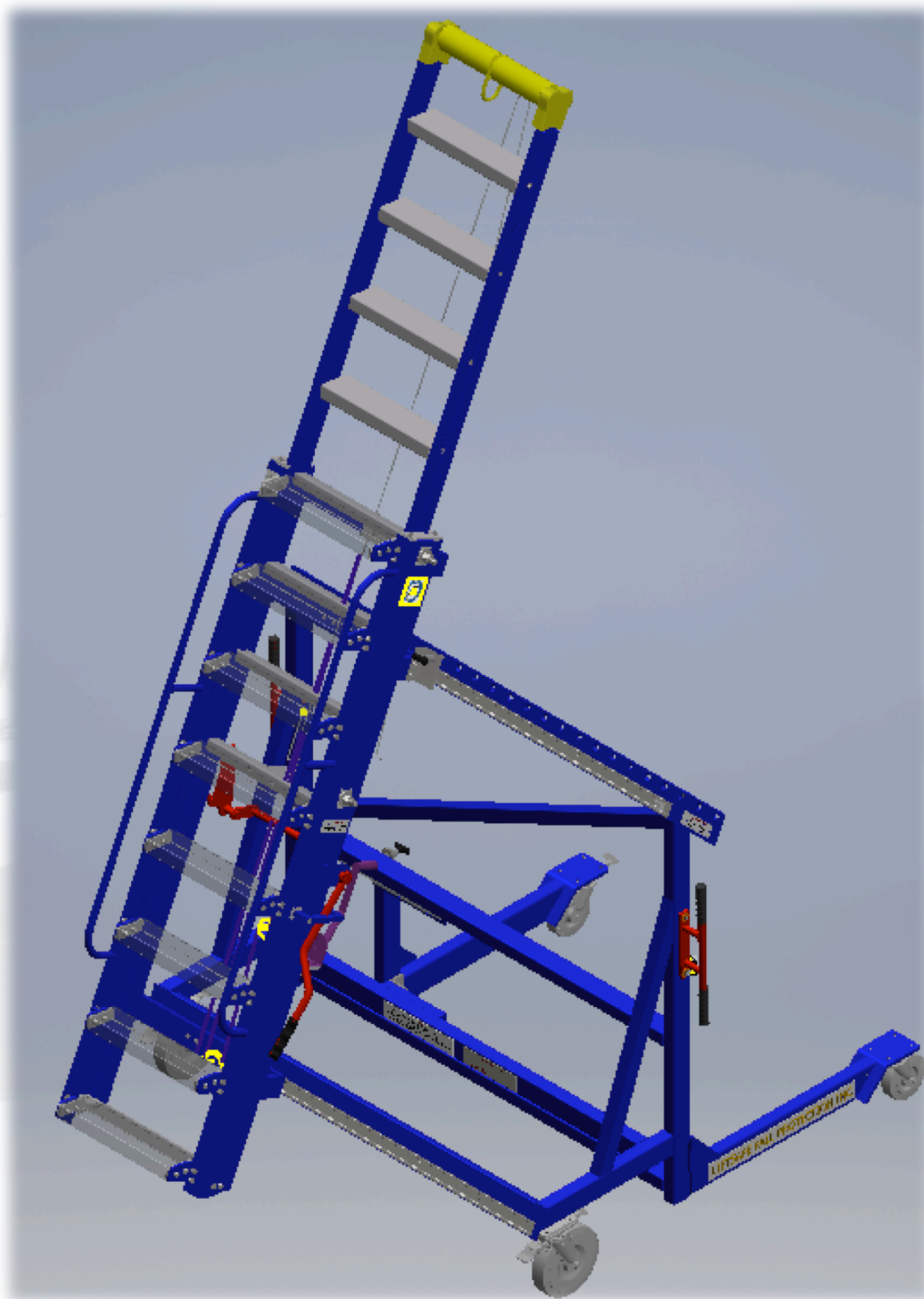


Grease Stand

MODEL# DF071592 - 01

MAINTENANCE AND OPERATION MANUAL



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WARNING
Safety First

Standards

Tested in general accordance with the applicable requirements of

- DIN EN 131 – 2 : 2012
- BS EN 131 – 7 : 2013
- ANSI – ASC A14.7 – 20 – 2011

The best insurance against an accident is a careful, qualified operator. Most accidents are caused by the failure of individuals to follow simple and fundamental safety rules and precautions. Use common sense when operating a mobile ladder stand.

You, as a careful operator, are the best insurance against an accident. Therefore, proper usage of this mobile ladder stand is mandatory. The following pages of this manual should be read and understood completely before operating the mobile ladder stand.

Common sense dictates the use of protective clothing when working on or near machinery. Use appropriate safety devices to protect your eyes, ears, hands, feet and body.

Any modifications from the original design are strictly forbidden without written permission from Liftsafe Engineering and Service Group Inc.

Electrocution Hazard

This mobile ladder stand is not electrically insulated. Maintain a Minimum Safe Approach Distance (MSAD) from energized power lines and parts as listed below. The operator must allow for the ladder to sway, rock or sag. This mobile ladder stand does not provide protection from contact with or proximity to an electrically charged conductor.

DO NOT Use Mobile Ladder Stand as a ground for Welding.



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DO NOT Operate Mobile Ladder Stand during lightning or storms.

Avoid Power Lines

Minimum Safe Approach Distance

Voltage Range (Phase to Phase)	Minimum Safe Approach Distance (Feet)	CE Guidance Note "Avoidance of danger from overhead lines"
0 to 300V	Avoid Contact	Adhere strictly to the governmental rulings and regulations applicable in your country.
Over 300V to 50KV	10	
Over 50KV to 200KV	15	
Over 200KV to 350KV	20	
Over 350KV to 500KV	25	
Over 500KV to 750KV	35	
Over 750KV to 1000KV	45	



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Safety Precautions

Know and understand the Safety Precautions before use!



Failure to heed the following safety precautions could result in tip over, falling, crushing or other hazards leading to death or serious injury.

Safety Precautions Continued

- **KNOW** all national, state or territorial/provincial and local rules which apply to your mobile ladder stand and jobsite.
- **WEAR** all the protective clothing and personal safety devices issued to you or called for by job conditions.
- **DO NOT** wear loose clothing, dangling neckties, scarves, rings, wristwatches or other jewelry while operating this ladder.
- **AVOID** entanglement with ropes, cords or hoses.
- **AVOID** falling. Stay within the boundaries of the handrails. Overreaching, while on the ladder, could cause instability and result in a fall. Always keep the unit in close proximity to work. Descend and relocate the unit to prevent overreach.
- **DO NOT** raise the mobile ladder stand in windy or gusty conditions.
- **DO NOT** increase the lateral surface area of the mobile ladder stand. Increasing the area exposed to the wind will decrease mobile ladder stand stability.
- **DO NOT** move or elevate the mobile ladder stand if it is not on a firm level surface. Do not move near depressions or holes of any type, loading docks, debris, drop-offs and surfaces that may affect the stability of the mobile ladder stand.
- **DO NOT** operate on surfaces not capable of holding the weight of the mobile ladder stand including the rated load, e.g. covers, drains, and trenches.
- **DO NOT** operate a mobile ladder stand that has extensions, ladders, scaffolding or other devices mounted on it to increase its size or work height. It is prohibited.
- **DO NOT** exert side forces on mobile ladder stand.
- **DO NOT** use the mobile ladder stand as a crane. It is prohibited.
- **DO NOT** sit, stand or climb on any part of the mobile ladder stand except the intended ladder rungs. It is prohibited.
- **DO NOT** raise or lower the mobile ladder stand with a person or equipment on the ladder. It is prohibited.
- **DO NOT** move the mobile ladder stand with a person or equipment on the ladder. It is prohibited.
- **ENSURE** the ladder is only raised or lowered from an operator standing on the ground.



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- **BE AWARE** of overhead obstructions or other possible hazards around the stand when lifting.
- **DO NOT** use the mobile ladder stand while the mobile ladder truck, fork lift or other device is on a stand.
- **BE AWARE** of crushing hazards. Keep all body parts away from moving parts.



of overhead obstructions or other possible hazards around the stand when lifting. the mobile ladder truck, fork lift or other device is on a stand. of crushing hazards. Keep all body parts

- **DO NOT** lower the ladder unless the area below is clear of personnel and obstructions.
- **BE AWARE** of blind spots when operating the mobile ladder stand.
- **STUNTS** and horseplay are prohibited.

- **ENSURE** all wheel brakes are locked, outrigger jacks are down (if equipped) and mobile ladder stand is level prior to climbing ladder.
- **DO NOT** exceed the rated capacity of the mobile ladder stand.
- **DO NOT** position the mobile ladder stand against another object to steady the platform.



WARNING



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Ascending and descending the ladder shall only be done using three points of contact.

- Use only equipped ladder for ascending and descending.
- Do use three points of contact ascending and descending the ladder. Face the ladder when entering and exiting.
- Three points of contact means that two hands and one foot or one hand and two feet are in contact with the ladder or the ground at all times during ascending or descending.



WARNING

An operator should not use any mobile ladder stand that:

- Does not appear to be working properly.
- Has been damaged or appears to have worn or missing parts.
- Has alterations or modifications not approved by the manufacturer.
- Has safety devices which have been altered or disabled.
- Has been tagged or blocked out for non-use or repair.

Failure to avoid these hazards could result in death or serious injury.

Jobsite Inspection

- Do not use in hazardous locations.
- Perform a thorough jobsite inspection prior to operating the mobile ladder stand, to identify potential hazards in your work area.
- Be aware of moving equipment in the area. Take appropriate actions to avoid collision.

Maintenance and Inspection Schedule

The actual operating environment of the mobile ladder stand governs the use of the maintenance schedule. The inspection points covered in **Table 1.2** Maintenance and Inspection Checklist indicates the areas of the mobile ladder stand to be maintained or inspected and at what intervals the maintenance and inspections are to be performed.



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Owner's Annual Inspection Record

It is the responsibility of the owner to arrange quarterly and annual inspections of the mobile ladder stand. **Table 1.1** Owner's Annual Inspection Record is to be used for recording the date of the inspection, owner's name, and the person responsible for the inspection of the mobile ladder stand.

Replacement Parts

Use only original replacement parts. Parts such as wheels, handrails, etc. with weight and dimensions different from original parts will affect stability of the mobile ladder stand and must not be used without manufacturer's consent.



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First Use Instructions



WARNING

Inspect all components of the mobile ladder stand prior to assembling and report any missing or damaged components to Liftsafe Engineering & Service Group Inc.

1. The Wheel Well Access Stand is shipped fully assembled.
2. Check all hardware on the mobile ladder stand to ensure nothing has become loose during shipping.
3. Complete a start-up annual inspection and full function test prior to first use (refer to table 1.2).



WARNING

Any unit that is damaged or not operating properly must be immediately tagged and removed from service until proper repairs are completed.

Maintenance and Service Safety Tips

- Maintenance and repair should only be performed by personnel who are trained and qualified to service this mobile ladder stand.
- All maintenance and service procedures should be performed in a well-lit and well ventilated area.
- Anyone operating or servicing this mobile ladder stand must read and completely understand all operating instructions and safety hazards in this manual.
- All tools, supports and lifting equipment to be used must be of proper rated load and in good working order before any service work begins. Work area should be kept clean and free of debris to avoid contaminating components while servicing.
- All service personnel must be familiar with employer and governmental regulations that apply to servicing this type of equipment.
- Keep sparks and flames away from all flammable or combustible materials.
- Properly dispose of all waste material such as lubricants, rags, and old parts according to the relative law provisions obtaining in the country.

Maintenance and Inspection



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Death or injury can result if the mobile ladder stand is not kept in good working order. Inspection and maintenance should be performed by competent personnel who are trained and qualified on maintenance of this mobile ladder stand.



WARNING

Failure to perform each procedure as presented and scheduled may cause death, serious injury or substantial damage.

NOTE: Preventive maintenance is the easiest and least expensive type of maintenance.

- Unless otherwise specified, perform each maintenance procedure with the mobile ladder stand in the following configuration:
- Mobile ladder stand parked on a flat and level surface with wheel brakes engaged.
- Repair any damaged or malfunction components before operating mobile ladder stand.
- Keep records on all inspections.

Maintenance Instructions

This manual consists of four schedules to be done for maintenance on a mobile ladder stand. Inspection schedule frequency is shown below:

Inspection Schedule

Daily	A
Frequently	A + B
Annually	A + B + C
Bi-Annually	A + B + C + D

- Make copies of the maintenance and inspection checklist to be used for each inspection.
- Check the schedule on the checklist for the type of inspection to be performed.
- Place a check in the appropriate box after each inspection procedure is completed.
- Use the maintenance and inspection checklist to perform these inspections.
- If any inspection receives a fail, tag and remove the aerial platform from service.



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LEGEND		
P=PASS	F=FAIL	R=REPAIRED

Table 1.1 Owners Annual Inspection Record

MODEL NUMBER:					SERIAL NUMBER:				
Recording Date	1 .	2 .	3 .	4 .	5 .	6 .	7 .	8 .	9 .
Recording Year									
Owners Name									
Inspected By									

Table 1.2 Maintenance and Inspection Checklist

If any mobile ladder stand component(s) has been repaired, an inspection must be performed again before removing the tag. Place a check in the repair column.

Serial Number:	OPERATORS NAME: (Please Print) OPERATOR'S SIGNATURE:
Model Number:	
Date:	
Time:	

As each item is inspected, write the appropriate grade in the box.

P=PASS F=FAIL R=REPAIRED



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- A Perform Visual and Daily Maintenance Inspections & Functions Test**
- B Perform scheduled Maintenance Inspection every three months based on regular**
- C Perform scheduled Maintenance Inspection every year**

Schedule		P	F	R
Inspection Point				
Labels	A+B+C			
Wheel Brakes	A+B+C			
Caster Swivel Locks	A+B+C			
Rails	A+B+C			
Fall Arrest Anchor Point	A+B+C			
Locking Assembly	A+B+C			
Cable	A+B+C			
Ladder Structure	A+B+C			
Base Frame Structure	A+B+C			
Hand Rails	A+B+C			
Bumpers	A+B+C			
Hardware	A+B+C			
Winch	A+B+C			
Function Test	A+B+C			

Note: Make a copy of this page



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Replacement Parts List

ITEM	PART NUMBER	QTY	DESCRIPTION
1	A100033-02-0.0	1	LOCK ASSEMBLY
2	A100033-08-0.0	4	ROLLER ASSEMBLY
3	A100033-18-0.0	1	WIRE ROPE ASSY
4	C100033-071-0.0	1	FOAM PRP-190 2" I.D. x 3 1/2" O.D.
5	L100033-002-0.0	1	UHMW, WHITE
6	L100033-003-0.0	2	WHITE PLASTIC
7	L100033-005-0.0	2	STICKER
8	L100033-007-0.0	2	STICKER
9	LO-SE_160K-RI2	2	6" CASTER
10	LO-SE_250K-ST-R14	2	10" CASTER
11	M100033-351-0.0	2	TRACK ROLLER
12	M100033-352-0.0	2	CABLE SHEAVE PULLAY
13	V100033-070-0.0	4	1" SLIDE-ON GRIP HANDLE
14	V100033-348-0.0	8	ROLLER CARRIAGE
15	V100033-355-0.0	1	HAND WINCH - 1200 LBS
16	V100033-374-0.0	2	YELLOW LADDER BUMPER-CRAWFORD
17	V100033-376-0.0	2	GUIDE RAIL 24"
18	W100033-10-0.0	8	ALUMINUM TREAD
19	W100033-28-0.0	4	STEP WELDMENT

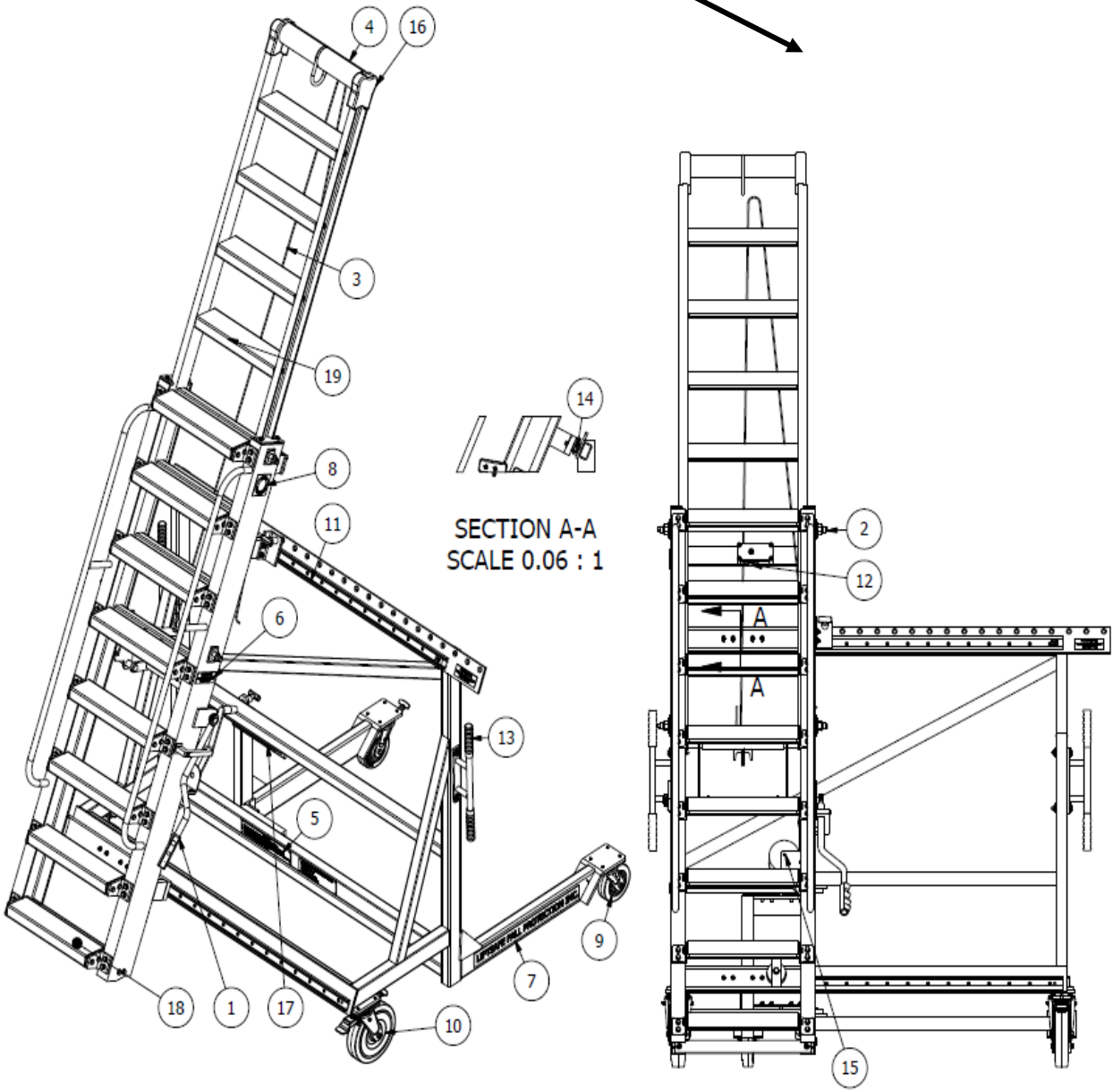


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Fall Arrest Anchor Point



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Regular Operation Procedure

- Ensure free of tools, equipment, and personnel
- Ensure safety of Grease Stand
- Ensure safety of operating area
- Locate Grease Stand in operating area
- Position grease stand leg by pulling pull pin and slide into position. Release pull pin into locking hole. (Figure 1)
- Disengage and stow tow bar (If Equipped)
- Engage wheel locks (Figure 2)
- Position ladder on rail slider by pulling pull pin out and sliding into position. Release pull pin into locking hole. (Figure 3)
- Keep hands/feet clear of all moving parts during operation



Figure 1



Figure 2



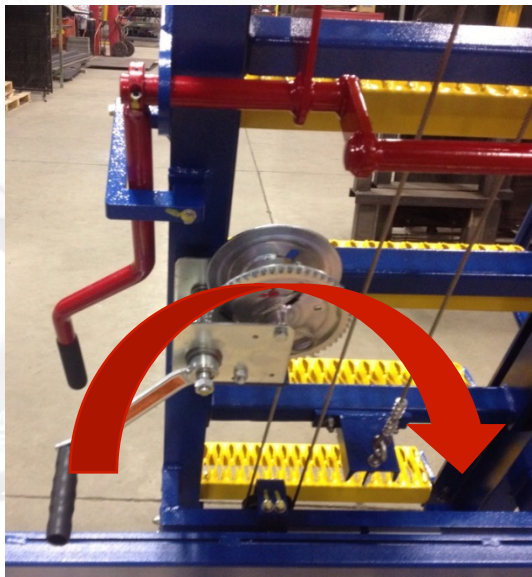
Figure 3

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- Keep hands/feet clear of all moving parts during operation
- Once in position release the ladder lock assembly by rotating in a clockwise direction (Figure 4)
- While holding the ladder lock open begin rotating the winch in the clockwise direction



(Figure 5)



Figure 4

- Once ladder height has been reached release ladder lock and rotate winch in the counter clockwise direction until ladder is resting on ladder lock (Figure 6)



Figure 5

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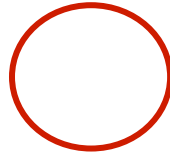


Figure 6

After Use:

- Ensure Grease Stand is free of all equipment, tools, and personnel
- Ensure area below and around platform is clear of obstructions
- Winch stand in clockwise direction to raise above lock (Figure 5)
- Release lock by rotating clockwise (Figure 4)
- Winch stand in counter clockwise direction to storage height (Figure 5)
- Disengage wheel locks (Figure 1)
- Store Grease Stand in a safe, dry location

Tow Bar (If Equipped)

Do not tow while platform is raised

Do not tow while tools, equipment, or personnel are on the Wheel Well Access Stand

Do not tow over 10km/h (6mph)

