

THE PERFECT FIT
FOR YOUR
TOUGHEST JOBS

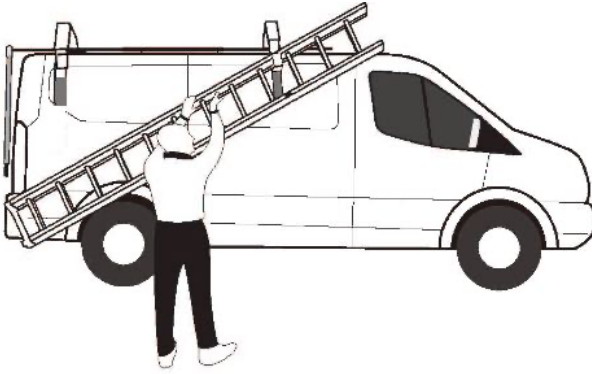
MAX RACK LOW ROOF OPERATOR'S MANUAL



RANGERTM
DESIGN

MAX RACK LOW ROOF

LOADING INSTRUCTIONS



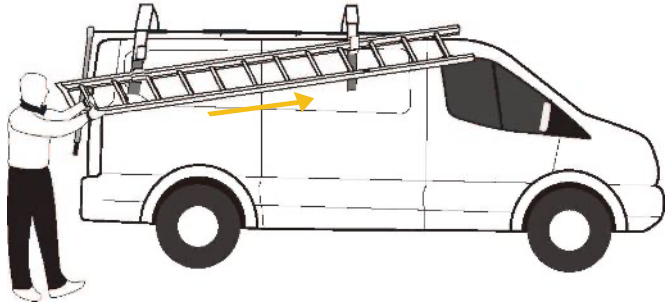
RANGER
DESIGN



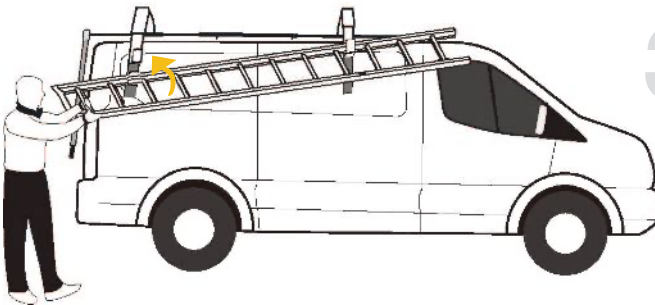
Please place provided label on your ladder to mark the hook mounting point.

- 1 Load ladder on front hook (Sticker applied for easy reference).

- 2 Lift the ladder from the rear and push the ladder forward.



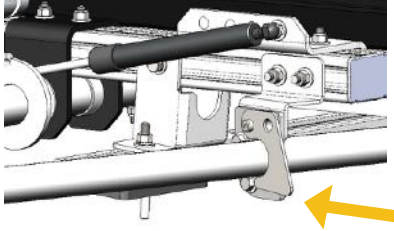
- 3 Rotate the ladder over the rear hook



MAX RACK LOW ROOF

OPERATING INSTRUCTIONS

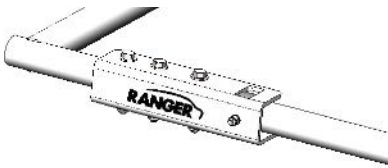
LOWER LADDER



1

STEP ONE

Lift hasp to release handle.



2

STEP TWO

Swing handle to open position.
Ensure it clips open securely.



3

STEP THREE

Pull the handle down towards you.

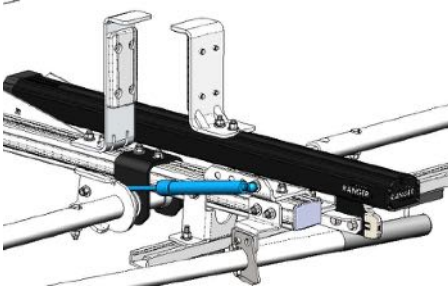
RAISE LADDER

Push the handle, don't pull it.



MAX RACK LOW ROOF MAINTENANCE SCHEDULE

WEEKLY



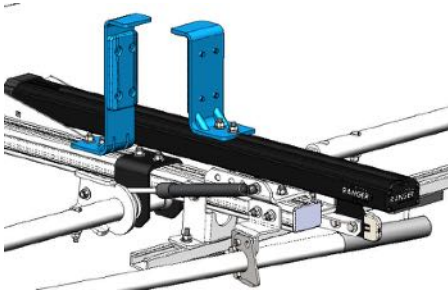
1 INSPECT CYLINDER FOR OIL OR DIRT ON PISTON.

Wipe the cylinder with a paper to verify for leaks. If there is a leak, your cylinder is failing. Plan for a replacement.

2

OPERATE RACK TO HALF-POINT POSITION.

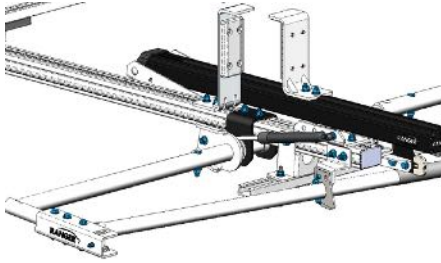
Push ladder and mechanism back onto roof and check for loose or rattling parts.



3 INSPECT INTERLOCKING HOOKS TO ENSURE THEY ARE TIGHT AND DO NOT RATTLE.

Disclaimer Carrying ladders on your roof can be dangerous. While minimizing the risks is Ranger Design's top priority, ladder rack safety is ultimately the user's responsibility. Regular maintenance can also help prevent accidents and extend the life of your rack and ladders.

MONTHLY



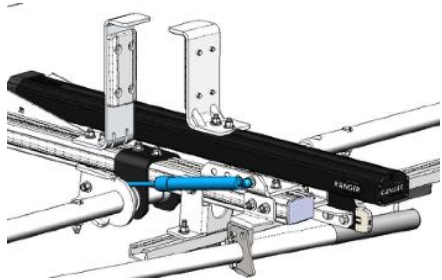
1

INSPECT BOLTS AND NUTS ON THE SHAFT AND FRAME. TIGHTEN IF LOOSE.

2

INSPECT CYLINDER FOUND ON REAR MECHANISM.

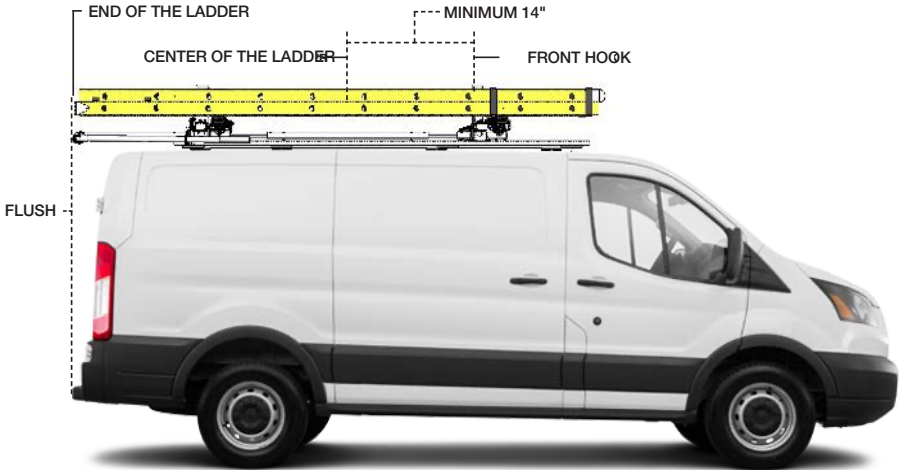
Check for leaks and tighten nuts if loose.



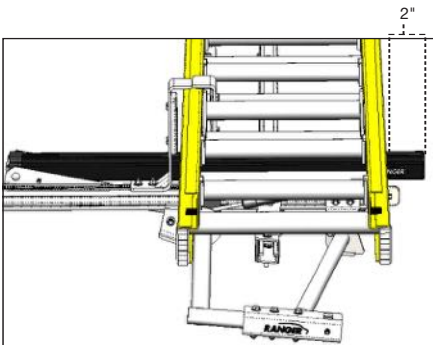
MAX RACK LOW ROOF LADDER INSTALLATION

YOU MUST ENSURE:

- The arm socket and the ladder do not extend beyond the rear bumper of the vehicle.
- The center of the ladder must be minimum 14" behind the front hook when the ladder is loaded



CORRECT HOOK POSITION



HOOK ADJUSTMENTS

2" spacing is the recommended spacing. This will not work for all ladders, please adjust spacing as required per ladder and vehicle. Ensure ladders clear the vehicle mirrors and antennas and does not stick out passed the van.

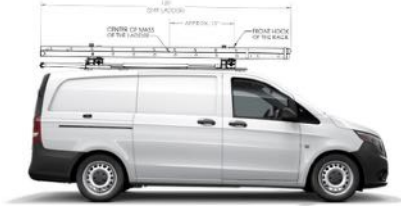
WARNING



Failing to comply with the hook adjustment settings can result in unrestrained ladder. In these conditions the ladder can dislodge from the vehicle, causing serious injuries to road user and can be life threatening.

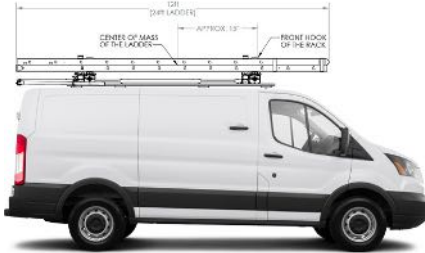
MAX RACK LOW ROOF

MAXIMUM LADDER LENGTH

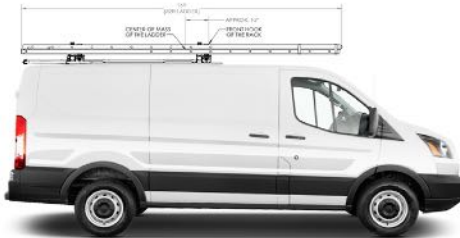


VEHICLE MODEL (RACK MODEL SHOWN)	MAXIMUM LADDER LENGTH
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MERCEDES METRIS	28ft
1840-MM (Single Side)	
1850-MM (Double Side)	



FORD TRANSIT	32ft
REGULAR WHEELBASE	
1840-FTR (Single Side)	
1850-FTR (Double Side)	



FORD TRANSIT	32ft
LONG/EXTENDED WHEELBASE	
1840-FTL (Single Side)	
1850-FTL (Double Side)	



GM SAVANA	32ft
REGULAR WHEELBASE	
1840-GS (Single Side)	
1850-GS (Double Side)	

MAXIMUM CAPACITY

The weight capacity per single Max Rack Low Roof is 100lbs.



STEP LADDERS
8', 10' AND 12'

Fits all Max Rack Low Roofs

THE PERFECT FIT
FOR YOUR
TOUGHEST JOBS



COMMERCIAL VAN
HELPING LADDER RACKS
PARTITIONS AND MORE

rangerdesign.com

INSITE 250

RANGER
DESIGN

CONTACT US

cs@rangerdesign.com

1-800-565-5321

rangerdesign.com



RANGERTM
DESIGN

M221-112 rev.2