LUVERNE

INSTALLATION MANUAL

416078

Level of Difficulty

Fast

This is the second of two manuals required to complete this installation. The first manual is included with your mounting brackets.

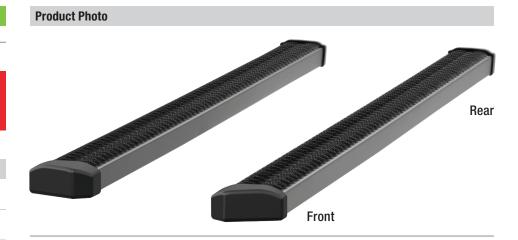
Parts List		
1	Driver / left SlimGrip™ running board	
1	Passenger / right SlimGrip™ running board	
2	Right end cap	
2	Left end cap	
8	Self-piercing phillips screw	
8	Mounting plate	
16	Hex bolt, M8	
16	Flat washer, M8	
16	Serrated flange nut, M8	

Attachment hardware is supplied with the mounting brackets. Hardware quantities will vary depending on the vehicle application.

Tools Required		
Ratchet set	Torque wrench	

Torque Specifications			
Metric	M6 bolt	3 ft-lbs.	
	M8 bolt	7 ft-lbs.	
	M10 bolt	16 ft-lbs.	
SAE	M12 bolt	28 ft-lbs.	
	1/4" bolt	3 ft-lbs.	
	5/16" bolt	7 ft-lbs.	
	3/8" bolt	16 ft-lbs.	
	7/16" bolt	20 ft-lbs.	
	1/2" bolt	28 ft-lbs.	

Use above torque setting unless otherwise noted



Notes and Maintenance

Before you begin installation, read all instructions thoroughly.

Proper tools will improve the quality of installation and reduce the time required.

To protect the product, wax after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

For polished, gloss and other smooth finishes,

polish may be used to clear small scratches and scuffs on the finish.

Mild automotive detergent may be used to clean the product. Do not use dish detergent, abrasive cleaners, abrasive pads, wire brushes or other similar products that may damage the finish.

Refer to the table to the left when securing hardware during the installation process to help prevent damage to the product or vehicle.

Step 1

Secure the end caps using self-piercing screws.

Slide the provided track mounting plates into the bottom of the Slim $Grip^{TM}$ board.

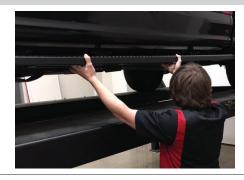
Note: The number of mounting brackets may vary based on application. Use one mounting plate per bracket.

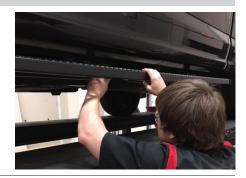


Step 2

Carefully place the running board onto the mounting brackets.

Align the track mounting plates with the mounting brackets on the vehicle.





Step 3

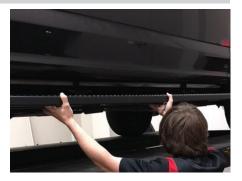
Attach the track mounting plates to the mounting brackets using two black M8 hex bolts, hex nuts, lock washers and flat washers per bracket. Repeat for the remaining mounting brackets.

At this time, adjust the running board to the desired location.

With the running board in position, it is recommended to tighten all brackets to the vehicle first, followed by the running board connections.

For recommended torque specifications, refer to the table on page 1.





Step 4

Repeat steps 1 through 4 on the passenger side of the vehicle.

Congratulations on the installation of your new SlimGrip™ running boards.

With the running boards installed, periodic inspections should be performed to ensure all mounting hardware remains tight.

To protect your investment, see the 'Notes and Maintenance' section on the first page of this instruction manual.



LUVERNE

INSTALLATION MANUAL

4055117

This is the first of two manuals required to complete this installation. The second manual is included with your side bars / running boards.

Level of Difficulty

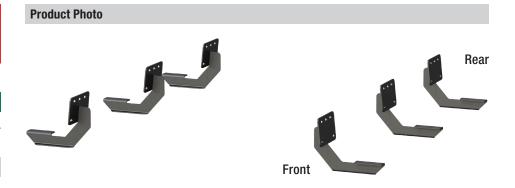
Easy

Parts List		
1	Driver / left running board*	
1	Passenger / right running board*	
6	VersaTrac [™] mounting bracket, universal	
12	Hex bolt, M8	
30	Flat washer, M8	
30	Lock washer, M8	
30	Hex nut, M8	
* Running boards sold separately		

Tools Required		
Ratchet	Socket set	
Torque wrench	Level	

Torque Specifications		
Metric	M6 bolt	3 ft-lbs.
	M8 bolt	7 ft-lbs.
	M10 bolt	16 ft-lbs.
	M12 bolt	28 ft-lbs.
SAE	1/4" bolt	3 ft-lbs.
	5/16" bolt	7 ft-lbs.
	3/8" bolt	16 ft-lbs.
	7/16" bolt	20 ft-lbs.
	1/2" bolt	28 ft-lbs.
The artists of the second and the se		

Use above torque setting unless otherwise noted



Notes and Maintenance

Before you begin installation, read all instructions thoroughly.

Proper tools will improve the quality of installation and reduce the time required.

To protect the product, wax after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

For polished, gloss and other smooth finishes,

polish may be used to clear small scratches and scuffs on the finish.

Mild automotive detergent may be used to clean the product. Do not use dish detergent, abrasive cleaners, abrasive pads, wire brushes or other similar products that may damage the finish.

Refer to the table to the left when securing hardware during the installation process to help prevent damage to the product or vehicle.

Step 1

Starting on the driver side, locate the three mounting tabs along the bottom edge of the vehicle.



Step 2

Starting at the front mounting location, remove any debris from the factory studs.

Attach a mounting bracket using an M8 flat washer, lock washer and hex nut.

Note: Apply anti-seize to the studs to keep the nuts from seizing up.

Repeat this process for the middle and rear mounting locations.

Snug the hardware, but do not fully tighten.





Step 3

Repeat step 2 for the front, middle and rear mounting locations on the passenger side.

Note: To complete the installation, refer to the manual included with your running boards / side steps.

