



Assembly, Installation, Operation and
Maintenance Instructions
Contractor Ladder Rack

Part Number:
FCLR001B

90 minutes

Dealer / Installer: Provide a copy of these instructions to the end-user of this product. These instructions provide important operating and safety information for the proper usage of this product. Demonstrate the proper use of the product with the end-user. Have the end-user demonstrate that they understand the proper use of the product.

End User: Read and follow all instructions included in this manual. Ask your Dealer / Installer for assistance if you do not understand the proper use of the product.

⚠️ WARNING ⚠️

- Do not load any cargo on the Rack with the rear crossbar removed.
- The Rack is rated for a **1500 lb. limit**. Do not overload the Rack.
- Always balance the load.
- Read all instructions before attempting to assemble the Rack.
- After the Rack is fully assembled make sure all nuts and bolts are properly tightened.
- Periodically check for loose or missing bolts, nuts, etc.
- Follow the instructions below to ensure proper assembly and installation.

APPLICATION: Universal

TOOLS NEEDED

Socket wrench set

Rubber mallet

Adjustable wrench

Drill and 5/16" bit (for permanent installation)

Tape measure

BEFORE YOU BEGIN

There are 16 pieces that make up the Premium Contractors Rack (excluding hardware). On the next page, there is a layout that shows the correct placement of these pieces for both, the short bed and long-bed trucks. The placement is the same for short and long-bed trucks.

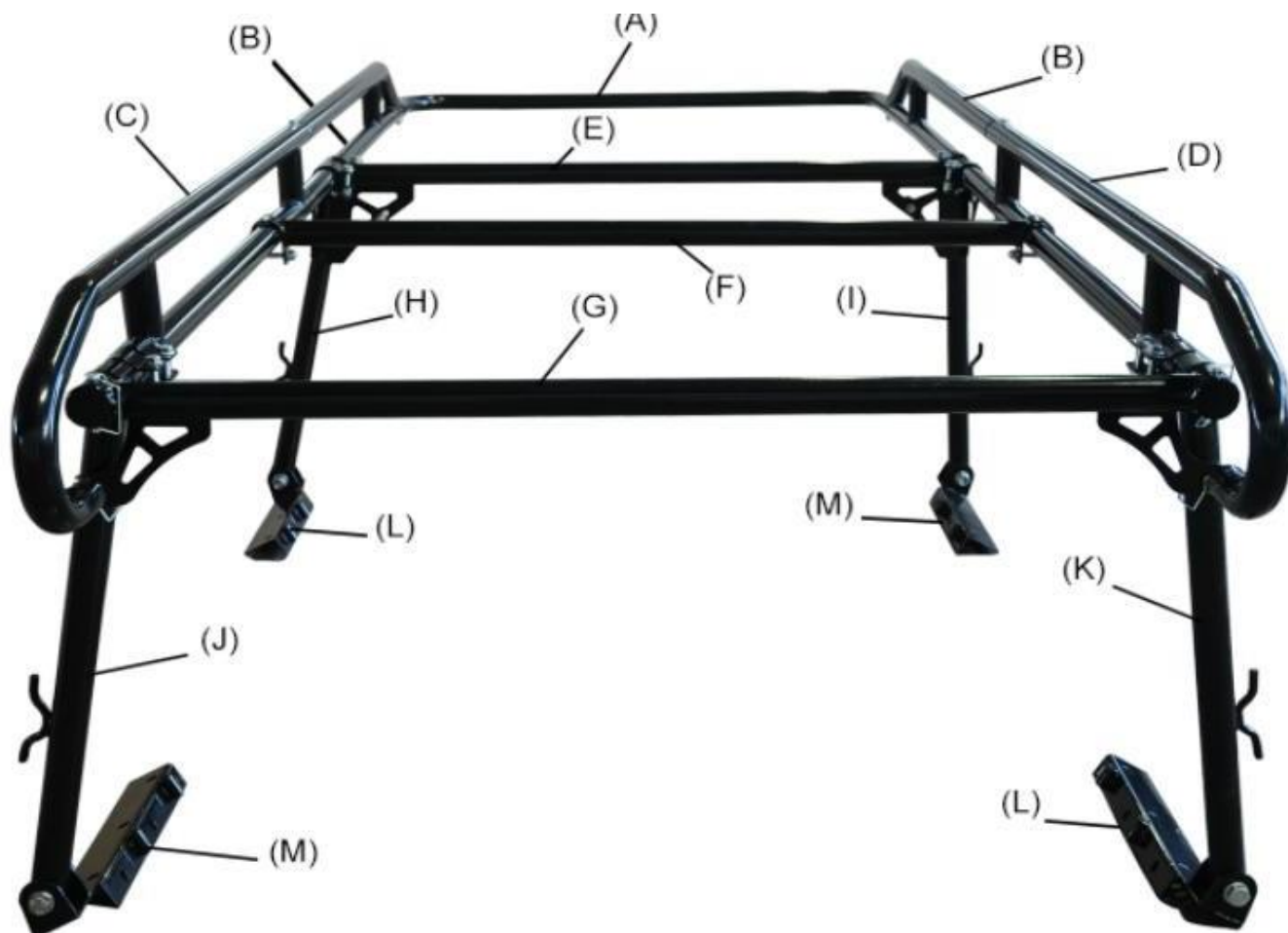
NOTE: *If these components are not correctly positioned it will become necessary to disassemble the Rack and start over again.*

PARTS LIST

	Qty	Part Description	Qty	Part Description
A	1	Cab Hoop	6	M10 x 70mm Hex Head Bolts
B	2	Front Side Rails	2	M10 x 35mm Hex Head Bolts
C	1	Driver Side Rear Side Rail	2	M10 x 25mm Hex Head Bolts
D	1	Passenger Side Rear Side Rail	2	M10 x75mm Hex Head Bolts
E	1	Front Cross Bar	12	M10 Lock Nuts
F	1	Center Cross Bar	24	M10 Flat Washers
G	1	Rear Cross Bar	8	M12 x 50mm Hex Head Bolts
H	1	Driver Side Front Upright	12	M12x40mm Hex Head Bolts
I	1	Passenger Side Front Upright	28	M12 Lock Nuts
J	1	Driver Side Rear Upright	48	M12 Flat Washers
K	1	Passenger Side Rear Upright	8	M12 "J" Hooks
L	2	Mounting Feet (D/S Front – P/S Rear)	4	M18 x 90mm Hex Head Bolts
M	2	Mounting Feet (P/S Front – D/S Rear)	4	M18 Lock Nuts
			8	M18 Flat Washers
			4	M10x70 U Lock Pins

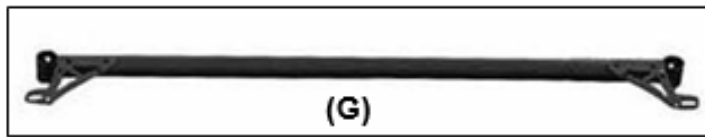
PERMANENT INSTALLATION HARDWARE

Qty	Part Description	Qty	Part Description
12	M12 x 35mm Hex Head Bolts	12	M12 Hex Nuts
12	M12 Lock Washers	24	M12 Flat Washers



INCLUDED COMPONENTS





Do not tighten any hardware until you have assembled all parts together.

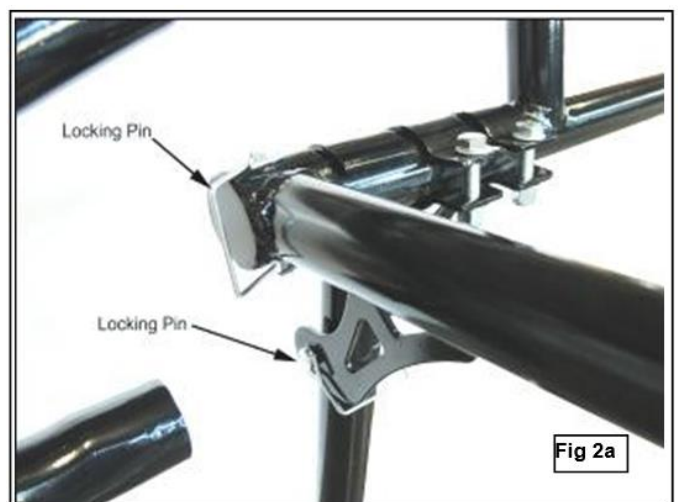
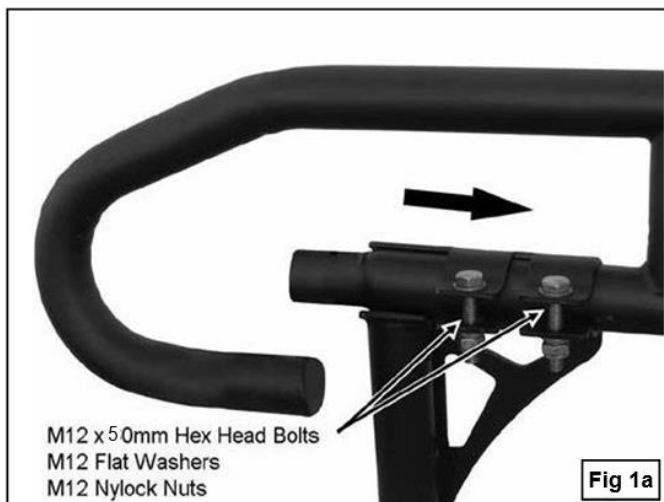
INSTALLATION PROCEDURE

Step 1: Slide the driver-side rear Upright into the back of the driver-side Rear Side Rail. Loosely attach them together using the Included (2) M12 x 50mm Hex Head Bolts, (2) M12 Hex Nuts, and (4) M12 Flat Washers (Figure 1a).

NOTE: *The side where the bolts are located will mount to the inside of the Rack.*

Repeat this step for the opposite side.

Step 2: Install the rear Cross Bar over the end of the rear of both Side Rails and secure it using the included Lock Pins included. Attach the lower support bracket of the Rear Cross Bar to the Uprights using the included Lock Pins. (Figure 2a).



Step 3: Install the Center Cross Bar to both of the Rear Side Rails using the included (2) M10x75mm Hex Head Bolts, (2) M10 Lock Nuts, and 4 M10 Flat Washers (Figure 3a).

Step 4: Slide the driver-side Upright into one of the front Side Rails and loosely attach it using the included (2) M12 x 50mm Hex Head Bolts, (2) M12 Hex Nuts, and (4) M12 Flat Washers (Figure 4a).

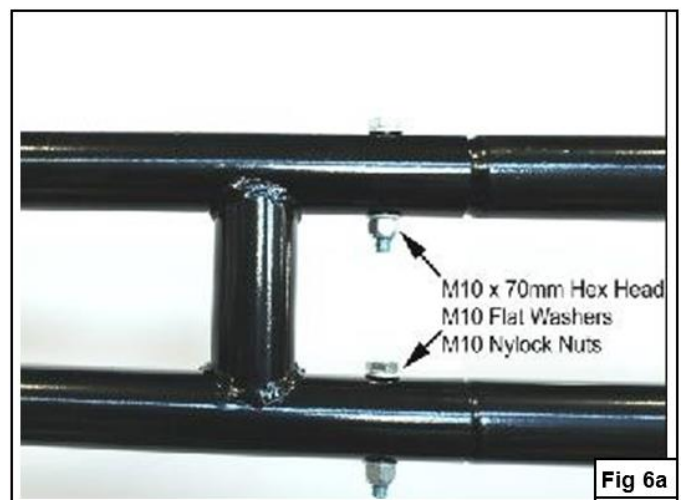
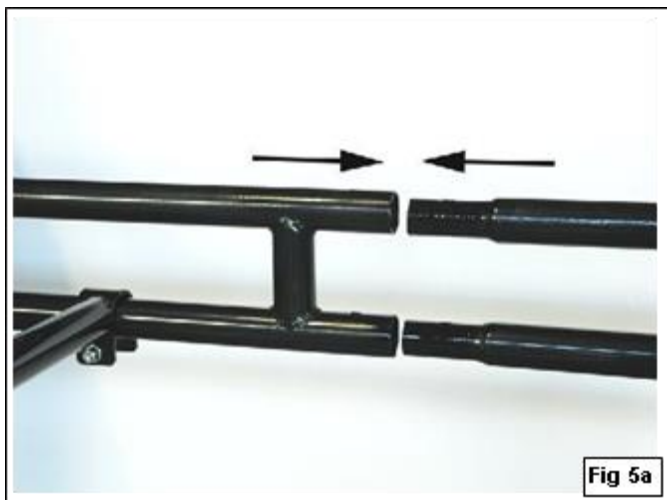
NOTE: You should be able to slide the Upright back and forth.

Repeat this step for the opposite side

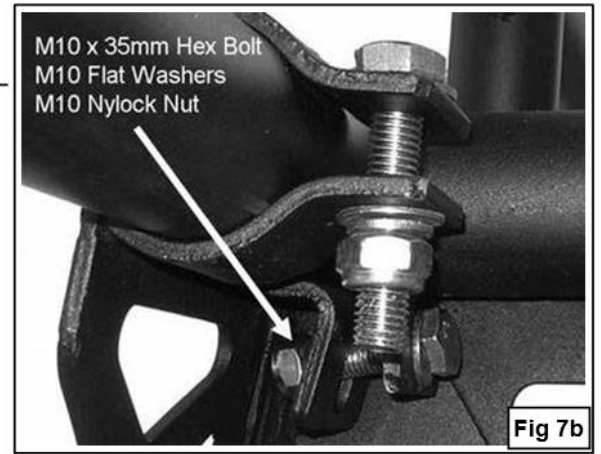


Step 5: Slide the front and rear Side Rails together (Figure 5a).

Step 6: Attach front and rear Side Rails using the included (4) M10 x 70mm Hex Head Bolts, (4) M10 Hex Nuts, and (8) M10 Flat Washers (Figure 6a).



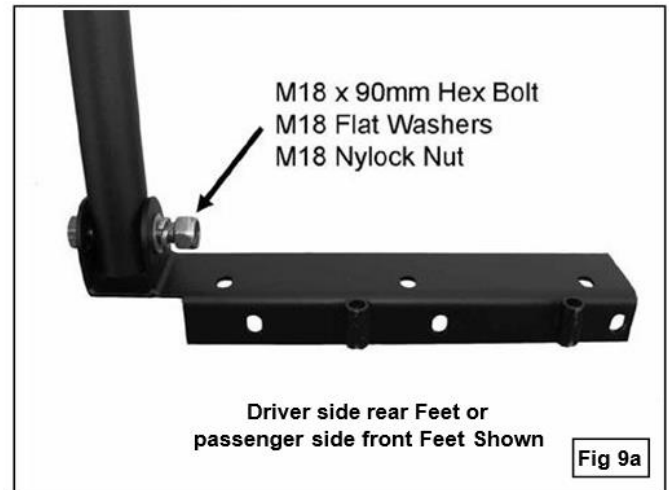
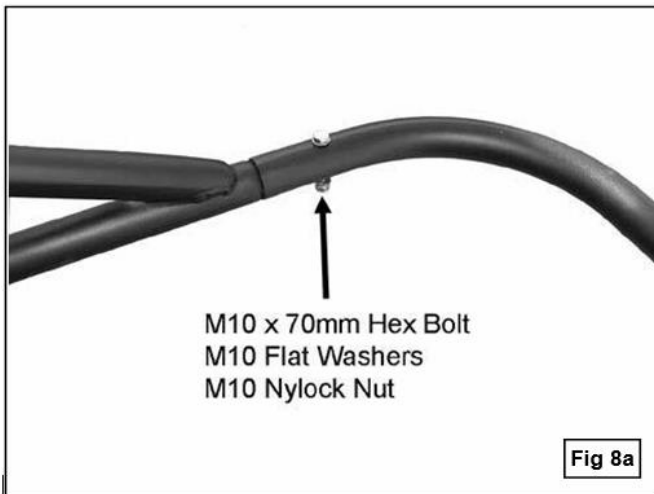
Step 7: Attach the front Cross Bar to the tab located between the two clamps on each of the front uprights using the included (2) M10 x 35mm Hex Head Bolts, (2) M10 Hex Nuts, and (4) M10 Flat Washers. Attach the front Cross Bar's Support Brackets to the Support Bracket on each of the front Uprights using the included (2) M10 x 25mm Hex Head Bolts, (2) M10 Hex Nuts and (4) M10 Flat Washers. (Figure 7a & 7b).



Step 8: Slide the Cab Hoop into the front Side Rails and secure it with the included (2) M10 x 70mm Hex Head Bolts, (2) M10 Hex Nuts, and (4) M10 Flat Washers (Figure 8a).

Step 9: Attach the feet to the Uprights using the included (4) M18mm x 90mm Hex Head Bolts, (4) M18 Hex Nuts, and (8) M18 Flat Washers (Figure 9a).

NOTE: The lip on the Mounting Foot must face towards the inside of the truck bed. The rear Uprights face the front of the truck and the front Uprights face the rear of the truck.



NOTE: Before lifting the Contractors' Rack onto the truck bed, you will need to size it.

- Measure the length of the truck's bed with the tailgate closed.
- Subtract 4 inches from the measurement, which is the approximate spacing of the Uprights.
- Measure between the center of the Uprights and move the front Uprights backward or forwards as needed.

REMEMBER DO NOT TIGHTEN ANY BOLTS!

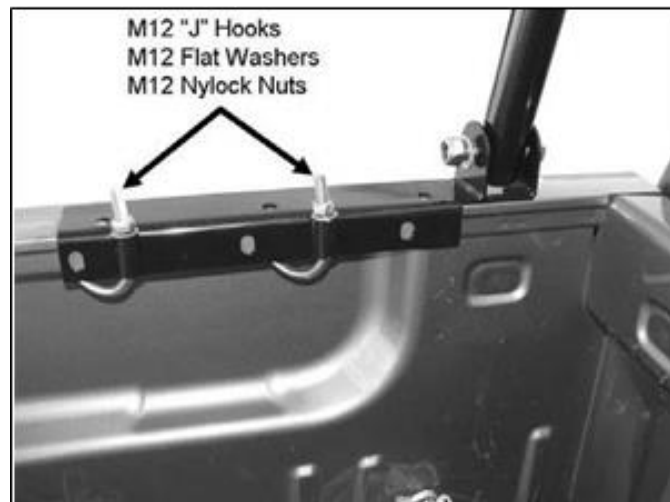
Step 10: Your Contractors Rack should be fully assembled and sized for your truck at this time. The next step is the installation process and will require the help of 1 or 2 assistants to lift the Rack into position (Figure 10a).

- Lift the Rack onto the bed rails of the truck.
- Align the rear Mounting Feet as close as possible to the corner of the bed rail.
- Have your assistant position the front Mounting Feet as close as possible to the corner of the bed rails. **NOTE:** The Uprights can be adjusted while the Rack is on the bed.
- When you are satisfied with the spacing of the Uprights on the bed rails, proceed to attach the rack to the truck in one of two ways: **NO DRILL or DRILLING INSTALLATION.**
- Please follow the instructions on the next page, which outline your choice of the installation method.



No Drill Installation

1. In order to safely attach the Contractors Rack to the truck bed, you must use (2) "J" Hooks per Mounting Foot to hold the Rack in place. In some truck beds, there are obstructions under the bed rail which would prevent using (2) "J" Hooks. If you experience difficulty using (2) "J" Hooks per Mounting Foot because of under bed rail obstructions, you will need to re-adjust the Upright
2. Spacing in order to attach (2) "J" Hooks.
3. Insert "J" Hooks from the bottom of the Mounting Foot and engage them under the bed rail.
4. Secure the "J" Hooks to the bed rail using (2) 12mm Flat Washers and (2) 12mm Nylock Nuts.
5. If any portion of the threaded part of the "J" Hook remains above the bed rail, cut it off using a hacksaw or bolt cutter.



Drilling Installation

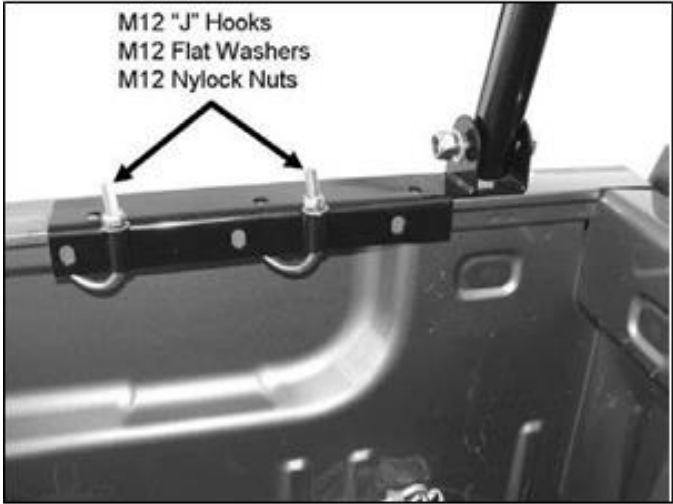
1. Stand on the outside of the truck bed. Pull the Mounting Foot towards you until the lip of the Mounting Foot sits firmly against the edge of the bed.
2. Mark the three slots on the top of the Mounting Foot using a felt tip marker.
3. Repeat steps 1 & 2 for the other three Mounting Feet.

NOTE:

Ensure that the rear feet and front feet are in the same locations, in relation to the front and rear of the bed.

IMPORTANT!

Before drilling your vehicle's bed rail, check to see if you have a clear hole from the top of the bed rail to the underside. You will need a minimum of (2) bolts to attach each Mounting Foot to the vehicle. If you do not have (2) clear holes, re-adjust the spacing of the Uprights on the bed rails until you do.



4. Using a 5/16" drill bit, drill all marked locations on the vehicle's bed rails.
5. Apply a small amount of rust inhibitor (not included) to the metal surface before attaching the Mounting Feet to the bed rail.
6. Secure the Mounting Feet to the vehicle using (12) 12mm x 40mm Hex Head Bolts, (24) 12mm Flat Washers, and (12) 12mm Nylock Nut.

Final Alignment

1. Once the Rack has been securely attached to the vehicle, it can be aligned and the bolts tightened in place.
2. Proceed to the front of the vehicle and note the horizontal alignment of the front hoop in relation to the horizontal surface of the truck's cab roof. Have an assistant push or pull the rack until the two are parallel.
3. When you are satisfied that the Rack is properly aligned, proceed to tighten the Uprights to the Mounting Feet.
4. Proceed to tighten all the hardware at this time.
5. Do periodic inspections of the Contractors' Rack to make sure all hardware is secure and tight.

IMPORTANT! Do not use your Rack with the rear Cross Bar removed. The structural integrity will be affected. Secure all payloads properly for safe transportation.

PRODUCT CARE

- Clean the Rack with a soft cloth and mild soap to keep the powder coat finish in good condition.
- Use an automotive wax to maintain and protect the finish.

Warranty Terms:

3 Year Limited Warranty:

TrailFX and Keystone Automotive Operations Inc. make no guarantees or warranties for products not manufactured by Keystone Automotive Operations Inc. Such products are covered solely under any applicable warranty of the manufacturer. It is always recommended that the operating instructions and warranty instructions provided by the manufacturer are followed.

Keystone Automotive Operations Inc. warrants its products to be free from manufacturing and material defects to the original purchaser for the length of the warranty stated above from the date of retail purchase. If any products are found to have a manufacturing or material defect, the product will be replaced or repaired at the option of TrailFX and Keystone Automotive Operations Inc. with proof of purchase by the original purchaser. The original purchaser shall pay all transportation and shipping costs associated with the return of the defective product and the defective product shall become the property of Keystone Automotive Operations Inc.

The Warranty applies to Keystone Automotive Operations Inc. products used for individual and Recreational purposes. Commercial usage of the Keystone Automotive Operations Inc. products limits the warranty to 90-days from the date of purchase.

The Warranty applies only to Keystone Automotive Operations Inc. products that are found to be defective in manufacturing or material. This warranty does not apply to normal wear and tear of the finish placed on Keystone Automotive Operations Inc. products.

TrailFX and Keystone Automotive Operations Inc. are not responsible for any labor costs incurred for the removal or replacement of the defective product.

TrailFX and Keystone Automotive Operations Inc. are not responsible for the repair or replacement of any product under the limited warranty where the product was improperly installed, misapplied, altered, abused, neglected, overloaded, misused, or damaged as a result of an accident, including any use of the product not in accordance with all product operating and safety instructions.

Without limiting the generality of the foregoing, TrailFX and Keystone Automotive Operations Inc. shall under no circumstances be liable for any incidental or consequential loss or damage whatsoever arising out of, or in any way relating to any such breach of warranty or claimed defect in, or non-performance of the products. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

This limited warranty gives you specific legal rights, and you may also have other rights that vary from state to state.