CROSSBARS INSTALLATION GUIDE

For Nissan Pathfinder 2022 with Raised Roof Rails

SPECIFICATION

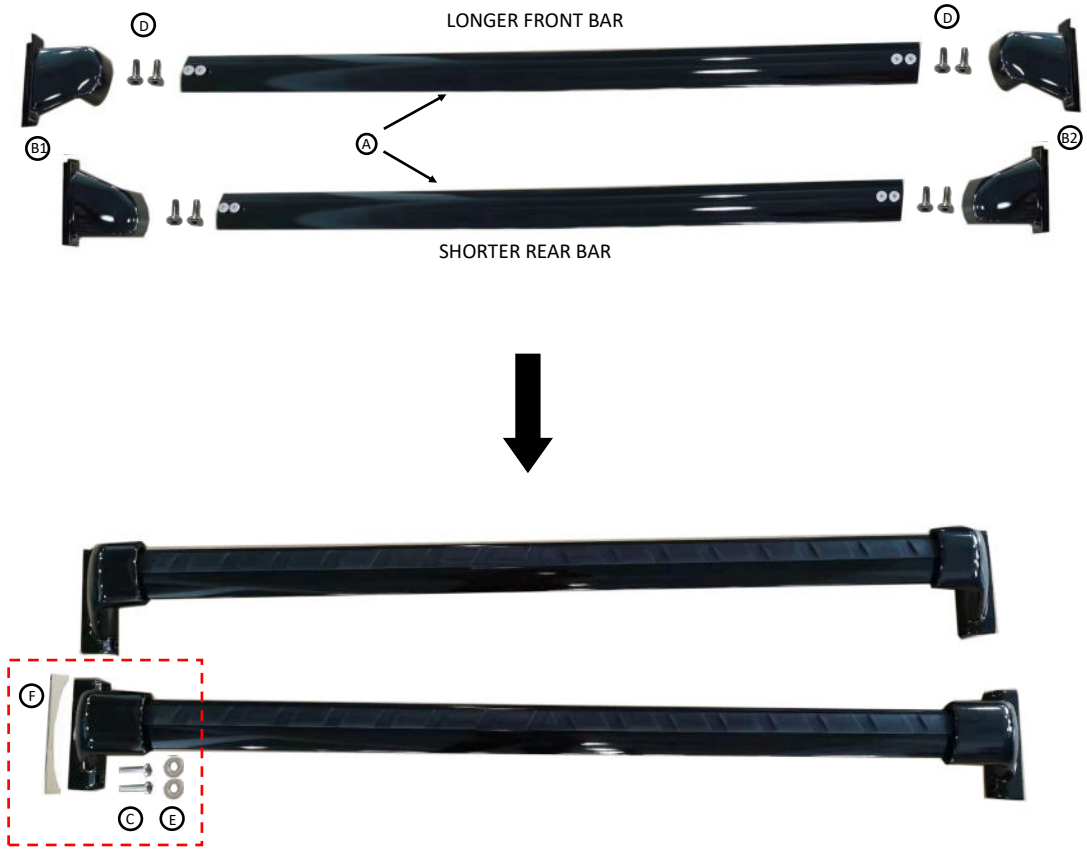
Model year:	Fit 2022 Nissan Pathfinder with Raised Roof Rails
Maximum load capacity:	75KGs/165LBs in total, evenly distributed
⚠	Refer to car user manual for the recommended limitation from factory.

PART LIST

TOOLS INCLUDED

PART INDEX	DESCRIPTION	QTY.
A	Aluminum bars **same length for front and the rear**	2
B1	Left/Driver Brackets (FR- LH, RR- LH)	2
B2	Right/Passenger Brackets (FR- RH, RR- RH)	2
C	M6x25mm Bolts (for fixing brackets to rails)	8
D	M5x16mm Bolts (for fixing brackets to bars)	8
E	Washers	8
F	Rubber Pads	8

1 ASSEMBLY



Group all long bolts, washers and a rubber pad for each bracket before starting the installation.

PRE-INSTALLATION WARNINGS, CAUTIONS, CRITICAL STEPS

- Professional installation is highly recommended to correctly and safely assemble this part to your vehicle.
- Read through all of the instructions and ensure that all tools stated in the instructions are available before starting installation.
- Removal and re-installation of Crossbars require re-application of thread locking adhesive LOCTITE® 242® or equivalent on T-30 Torx bolts.

WARNING

Before installing crossbars, close sunroof and protect painted area on the vehicle roof by placing a piece of cloth under cross bar legs, in order to prevent scratch damage.

2 INSTALLATION

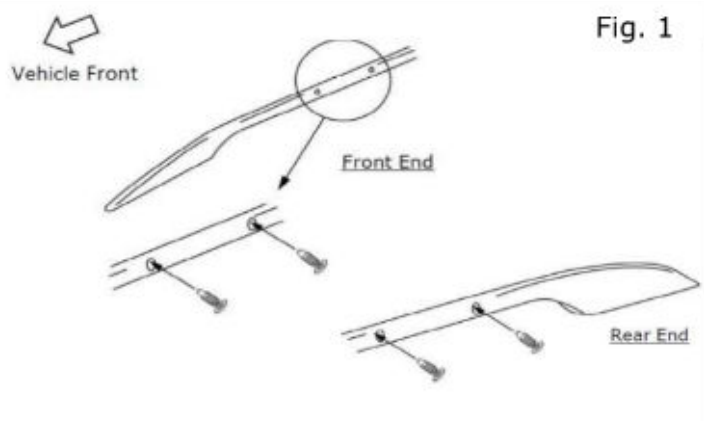


Fig. 1

1. Remove 8X plastic plugs from roof rails as shown in Fig 1 using T30 Torx tool.

NOTE:
After step 5), Keep plastic plugs & T30 Torx tool in a clear zip lock bag and stow them in glove box for future use if crossbars were removed.

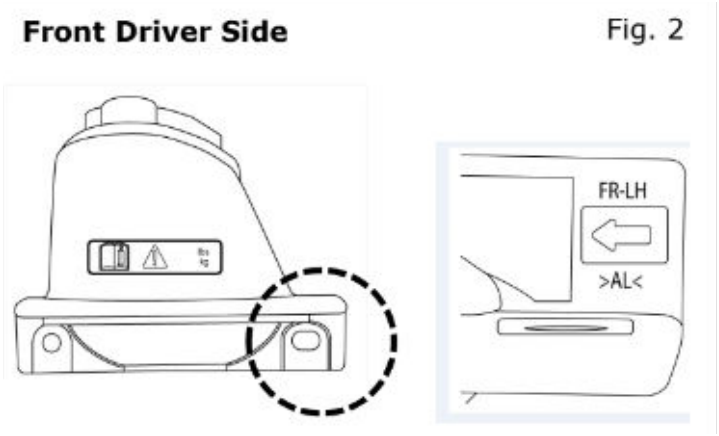


Fig. 2

2. Identify the front and rear crossbars with part markings on end support.

NOTE:

FR- LH is front crossbar driver side.

FR- RH is front crossbar passenger side.

RR- LH is rear crossbar driver side.

RR- RH is rear crossbar passenger side.

2 INSTALLATION

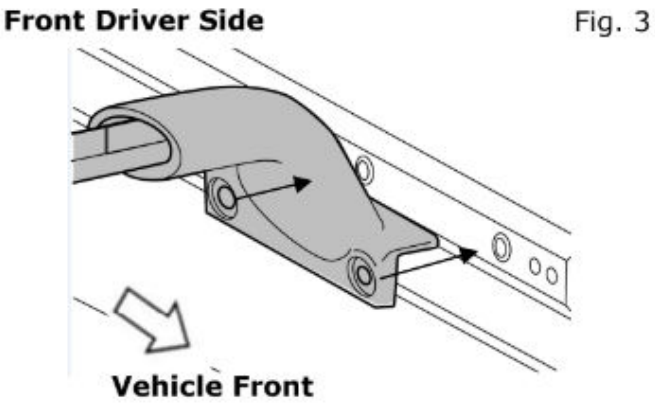


Fig. 3

3. Install the front crossbar (A) on the vehicle roof rail by aligning the holes on the end support of the crossbar to the threaded holes on the roof rail.

While aligned, loosely insert and hand start M6x25mm Bolts (C) on both the driver and passenger sides.

NOTE:
The arrow on the crossbar end support should be oriented to vehicle front.

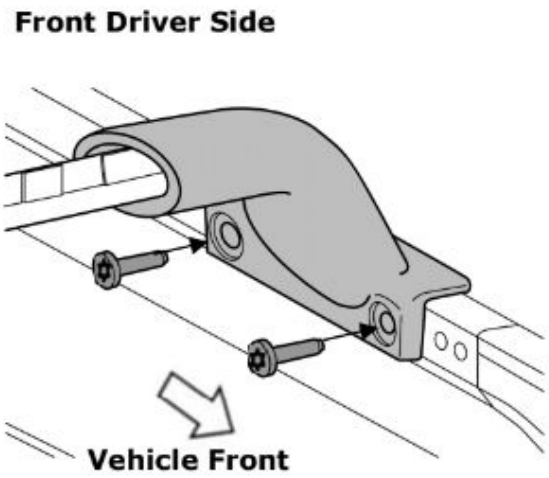


Fig. 4

4. With T30 wrench, tighten all 4X M6x25mm Bolts (C) and M5x16mm Bolts (D) along with a rubber pad (F) on each bracket to avoid scratching the rails.

NOTE:

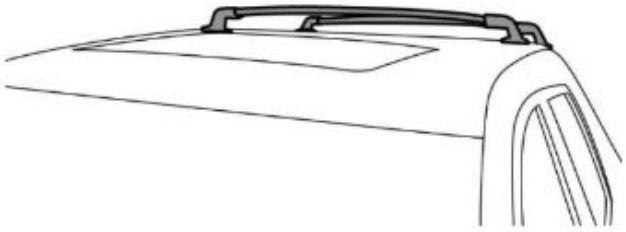
Please check bolts are torqued to 6.6-7.4 lb.ft (9-10 N.m) using Torque wrench 1.

⚠ WARNING

Failure to properly torque bolts to the minimum required value may result in the loss of load and may cause an accident causing severe personal injury, or death.

2 INSTALLATION

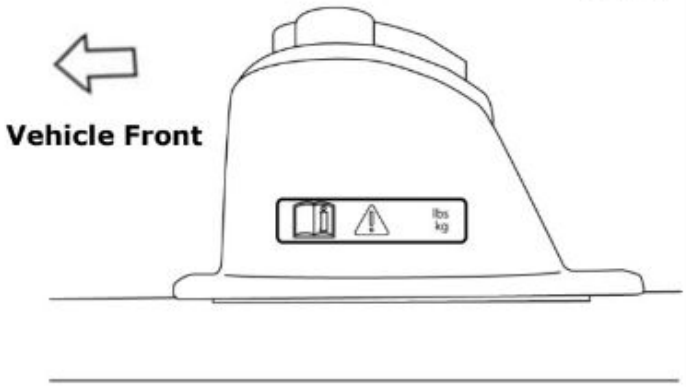
Fig. 5



5. Repeat steps 1) through 4) for assembly of rear crossbar. After assembly of both front and rear crossbar, wiggle crossbars with hand to check for loose parts.

NOTE:
If either crossbar is loose, uninstall both the crossbars and repeat the steps 1) through 5) carefully.

Fig. 6



6. 4. With T30 wrench, tighten all 4X M6x25mm Bolts (C) and M5x16mm Bolts (D) along with a rubber pad (F) on each bracket to avoid scratching the rails.

NOTE:
If either crossbar is loose, uninstall both the crossbars and repeat the steps 1) through 5) carefully.

WARNING

- Do not remove load label on driver side end supports.
- Never exceed load rating shown on the load label and always evenly distribute the luggage between front & rear crossbar.
- Be careful that your vehicle does not exceed the Gross Vehicle Weight Rating (GVWR) or its Gross Axle Weight Rating (GAWR Front and Rear). The GVWR and GAWR are located on the Safety Compliance Certification Label (located on the driver side door pillar).
- Always secure roof loading with ropes and cable to prevent it from falling off during driving.
- Do not put load directly on crossbar. To avoid damage to paint and the rubber seal use soft padding or soft cloth on the crossbar before putting rough surface load like plywood, lumber etc.

POINTS TO CHECK AFTER INSTALLATION

FULL INSTALLATION VIEW

- Check tightness of crossbar screws after installation.
- Gently wiggle crossbar to check for problems. Verify that there are no noises or movement when pushed and pulled.
- If any issues are noted, follow installation instructions again.

SUPPORT

Visit https://rockautoaccs.com for more products

Contact at rockmautox@gmail.com for any concerns or problems in Canada.

SAFETY NOTES

Never Exceed the manufacture's roof rack load limit.

Ensure load is evenly distributed between the two crossbars and that it is as low as possible refer to specification.

Confirm lightness every 1000 km, periodically check that the load is secure and crossbars are securely tightened.

Ensure that crossbar installed in correct orientation.

Ensure that the crossbars are fully installation to the side supports with no gaps.

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