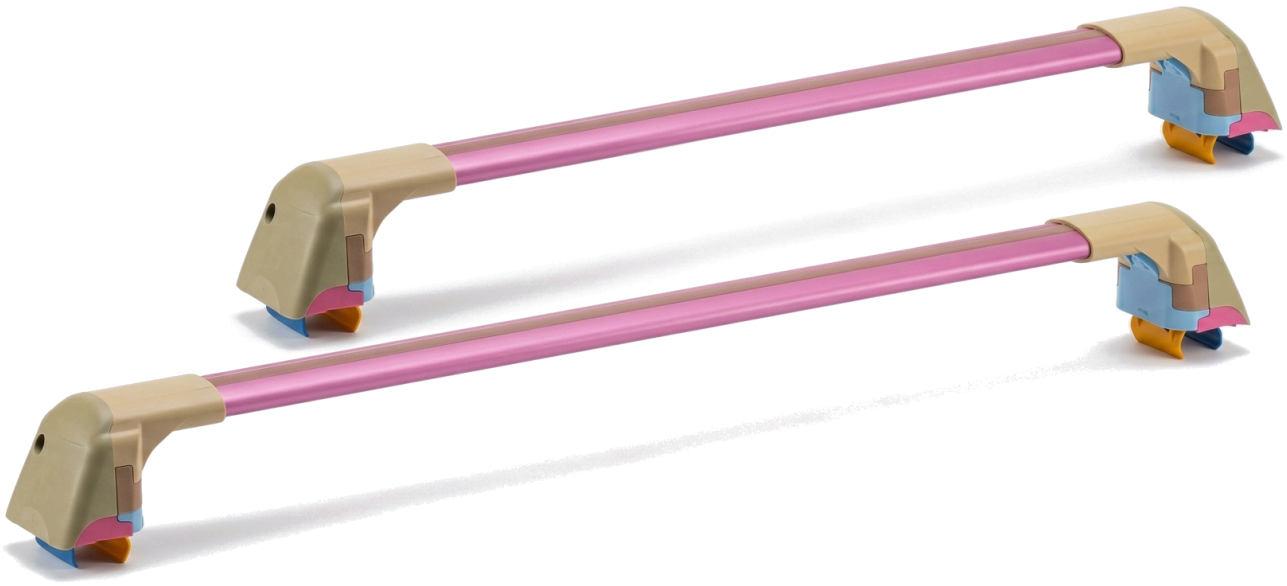
INSTALLATION GUIDE

Coyote Model Crossbars

FLUSH ROOF RAILS OR RAISED ROOF RAILS



Fitting	Vehicles with flush roof rails or raised roof rails
Max. load (total)	100 kg (220 lb) - never exceed your vehicle's roof load limit, whichever is lower
Sunroof	Compatible with the panoramic sunroof - see Step 6
Torque specs	M6 bolts and nuts: about 7 N·m (5 ft·lb) - reference only

Read the whole guide once before you start. Keep it with the vehicle.

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Note: parts are shown in different colours for easy checking - actual parts are black or silver.

What's in the box

01 2 aluminium bars

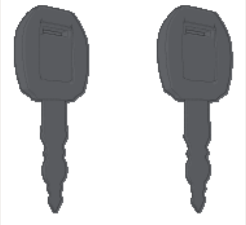
One longer bar for the front, one shorter bar for the rear.

02 2 L brackets / feet

Clamp onto the roof rail.

03 2 R brackets / feet

L and R fit either side, front or rear.



04 2 lock keys

Record your key number and keep the spare safe.

05 Allen key / wrench

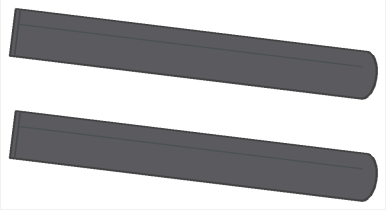
Fits every bolt on the brackets.

06 Spare clips (optional)

Spare back clamp pins.

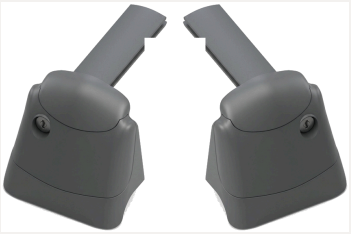
07 Sticky foam pads (optional)

Fit between bracket and rail if needed.



08 Short flat rubber strips

Ribbed-strip bars only.



09 2 L + 2 R covers with locks

L or R marks the lock-hole side.

Extra spare parts or packing forms may be included. If anything is missing, contact the seller through your order before you start.

Tools you will need

- Allen key or wrench (included)
- Masking tape and marker (to mark bracket positions)
- Tape measure
- A helper to lift and hold the bars

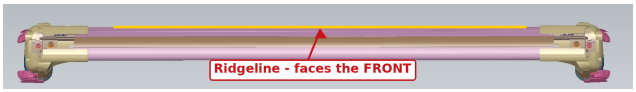
ATTENTION: If any bolt has come off its nut during shipping, go to Replacing or swapping parts (page 8) to identify its position, then restore it properly before you start.

Bar positions

Bar	Where
LONGER bar	Front of the vehicle
SHORTER bar	Rear of the vehicle

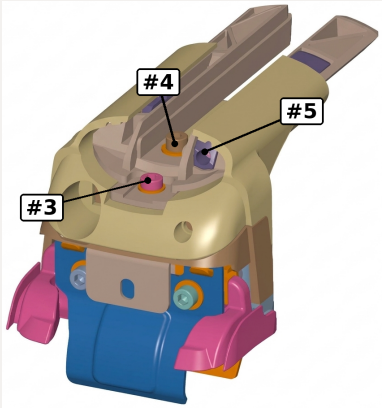
Space the bars **24-34 in (61-86 cm)** apart, measured between the bars; use **30 in (76 cm)** if your load has no set spacing. The top surface of each bar carries a **ridgeline** - it always faces the **front of the vehicle**.

L / R brackets: the letter only shows which side the **lock hole** is on. Either bracket can be used on either side of the roof rails, front or rear - just keep the ridgeline at the front.



Note: parts are shown in different colours for easy checking - actual parts are black or silver.

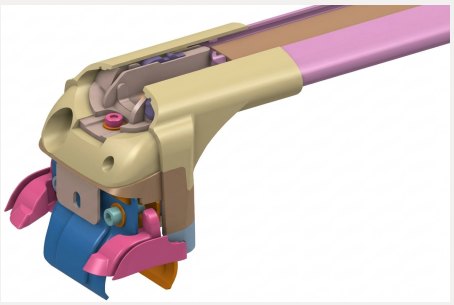
Part A - Assemble the bars into the brackets



1 Loosen the three top bolts on each bracket

- Loosen bolts **#3 and #4** by **3 to 5 threads**, or until the aluminium bar can slide into the socket.
- Turn bolt **#5** slightly until its nut block touches the right end of the slot, sitting smoothly **wide side up**.

ATTENTION: Never unscrew a bolt off its nut.

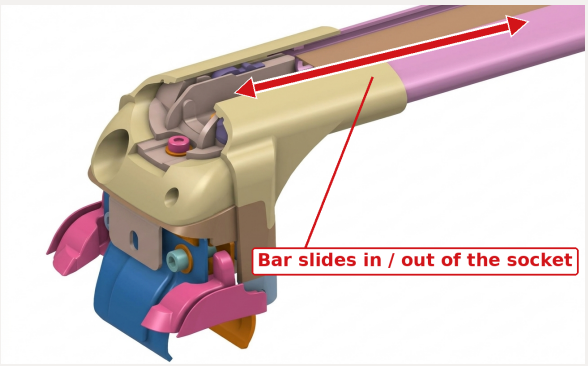


2 Slide a bar into each bracket

- Push the end of the aluminium bar into the socket of each bracket.
- If the bracket has the **plastic clip** in the top-left slot, make sure the clip tip is properly engaged in the **hole at the bar end**.
- **Check:** each bracket can still **slide along the bar**, but will **not slip off** the end.

TIP: L and R brackets are the same fitting - either can be used left or right, front or rear.

Part B - Mount the crossbars on the roof rails

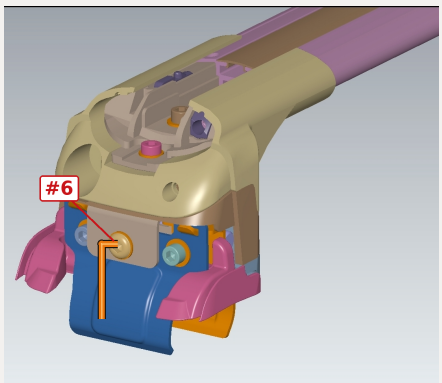


3 Snug the bolts and mark the brackets

- With the Allen key, tighten all top bolts **slightly** - until you can still move the bar in or out easily but **feel some resistance** - then **stop**. Do not fully tighten them yet.
- Mark each bracket with its position: **FL** / **FR** (front left / right) and **RL** / **RR** (rear left / right).
- Make sure the **ridgeline side** of each bar faces **forward**.

Note: parts are shown in different colours for easy checking - actual parts are black or silver.

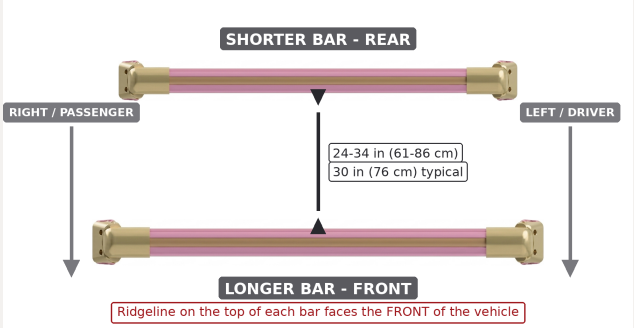
Part B - Mount the crossbars on the roof rails (cont.)



4 Remove bolt #6 (if fitted)

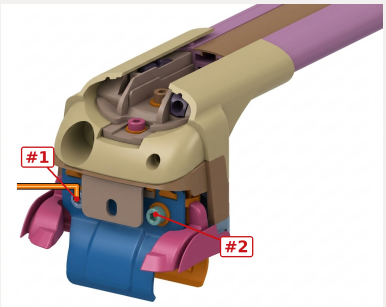
- If bolt **#6** is fitted, unscrew it with the Allen key and take it off the bracket. If not, skip this action.
- Keep it only if your roof rail has a mounting hole inside - it is refitted through the back of the clamp in Step 6.

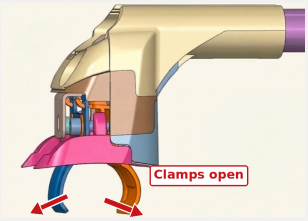
TIP: Bolt #6 (**M6 x 20 mm**) is only needed on rails with a mounting hole inside, e.g. the Buick Envision GX and Honda CR-V. For these models it may come in the **accessory bag**. Otherwise, keep it with the spare parts.

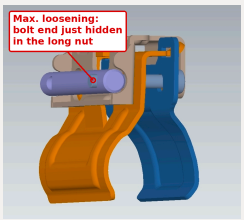


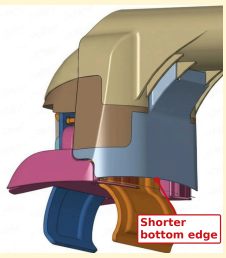
5 Set the front and rear positions

- **LONGER bar at the front, SHORTER bar at the rear.**
- Space the bars **24-34 in (61-86 cm)** apart, measured between the bars. If the load has no set spacing, use **30 in (76 cm)** as a reference.
- Turn each bar so the **ridgeline on its top surface faces the front of the vehicle**.
- Mark the bracket positions on the rails with tape.









NOTE - sunroof clearance: interference usually comes from the **rear cover bottom** when the space at the sunroof edge is too narrow. Brackets for panoramic sunroof models use a rear cover with a **shorter bottom edge** (picture) or an **extended installation kit rack**.

6 Open the clamps and place the brackets

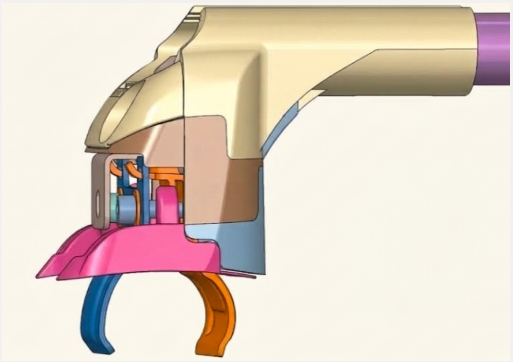
- With the Allen key, loosen bolts **#1 and #2** (upper picture) until the clamps open wide enough to pass over the roof rail (lower picture).
- Lay a **towel or soft cover** on the roof around each mounting position to avoid scratches or accidental damage.
- Lower each bracket onto the rail at a suitable mounting position - **close to a door pillar is recommended**.

IMPORTANT - panoramic or power sunroof: place the **front crossbar** where the **rear cover under the bracket** clears the sunroof. Open the sunroof **slowly, step by step** - never fully in one go - while a **helper watches the gap** between the rear cover and the glass edge, to avoid damaging the sunroof or roof.

- Make sure the **rubber base sits on the rail between the clamps** - it protects the top surface of the rail.

TIP: Rails with mounting holes inside: fit the **M6 bolt #6** from Step 4 through the reserved hole in the **back of the clamp** and into the mounting hole in the rail. If there are two holes at that position, use the **front** one.

Part B - Mount the crossbars on the roof rails (cont.)

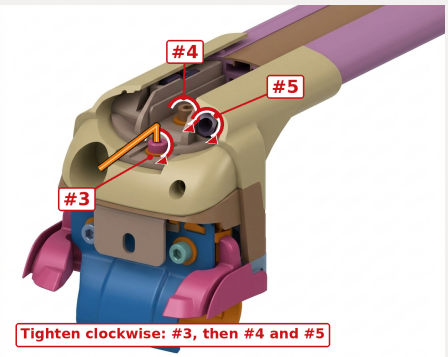


7 Align and tighten the clamps

- Adjust the rubber base so it lines up correctly with the back plastic cover and the bracket sits square on the rail.
- **Push the clamps down** so the **outside clamp** reaches the best position to hold the **rail groove**.
- **Hold the clamps closed with one hand** and tighten bolts **#1 and #2** gently with the other, until the clamps are fixed on the rail. **Do not fully tighten them yet** - that is done in Step 9.

8 Centre each bar

- Compare how deep the bar sits in each bracket, using the **scale mark on the right side** of each bracket.
- Slide the bar until the **readings are equal at both ends**, so the bar is centred between the clamps.
- Hold the brackets in place while you slide the bar.
- If the bar is hard to move, **slightly loosen bolts #3 and #4 at both ends** until the bar is centred.



9 Tighten all bolts

- With the Allen key, tighten the clamp bolts **#1 and #2** by hand first.
- Then tighten the top bolts **#3 and #4** - turn **clockwise** (red arrows).
- **Repeat one more round** on #1, #2, #3 and #4 until they are **tight enough** (about 7 N·m / 5 ft·lb as a reference). **Do not use a power tool** - it can over-tighten the bolts.
- When all four are done, tighten bolt **#5** to secure the bar in the bracket.
- **Check:** shake each bracket **gently** - the whole car should move with it, with **no rattle** between bar, bracket and rail.

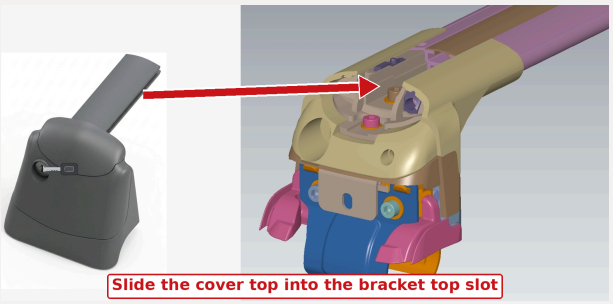
ATTENTION: Do not unscrew bolts #3, #4 or #5 off their nuts at any time.

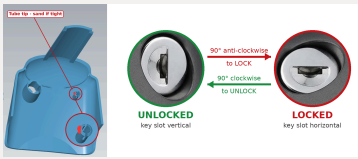
10 Fit the flat rubber strips (ribbed-strip bars only)

- **Ignore this step** if your bar has a **flat rubber strip** only.
- Place the **short flat rubber strip** at each bar end, on top of the **bracket slot**.
- **Trim one end** so it meets the ribbed strip with the **smallest possible gap**. Keep the extra length beyond the bracket top for future adjustment.

Note: parts are shown in different colours for easy checking - actual parts are black or silver.

Part B - Mount the crossbars on the roof rails (cont.)





11 Fit and lock the covers

- Check that every bolt is secure and tightened.
- Slide the cover horizontally onto each bracket until it clicks into place.
- Lock the cover by turning the key **90° anti-clockwise** until the slot is **horizontal**, then remove the key (lower picture).

ATTENTION: Never force the cover on - it is easily damaged. If it will not click in, take it off, adjust its position and try again.

TIP: Lightly sanding the tip of the plastic pole/tube under the cover makes the cover easier to fit.

12 Check the installation

- **Rubber base:** sits flat on the rail, lined up with the back plastic cover, with no gap under the bracket.
- **Clamps:** closed tight on the rail - the bracket cannot be moved by hand.
- **Positions:** both crossbars near the door pillars, **24-34 in (61-86 cm)** apart (30 in / 76 cm typical), longer bar at the front.
- **Bars:** centred - same scale reading at both ends - and the ridgeline facing forward.
- **Covers:** clicked on and locked, keys removed.
- **Front cover:** its left and right sides stay **inside the rubber base**.

Final check before you drive

- ☐ Longer bar at the front, shorter bar at the rear; ridgelines facing forward.
- ☐ Bars centred - equal scale readings on both end brackets.
- ☐ All bolts fully tightened.
- ☐ Clamps sit tight on the rails with no gaps or movement.
- ☐ All covers clicked on and locked; keys removed and stored.
- ☐ Push and pull each bar gently - nothing should shift or rattle.

ATTENTION: Heavy loads or long road trips - take off the covers periodically and check that all bolts are still fully secured.

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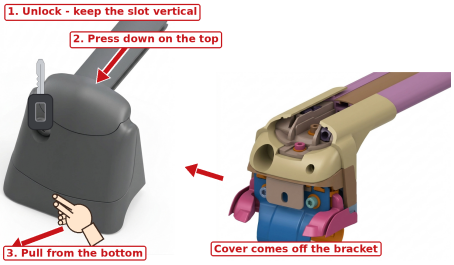
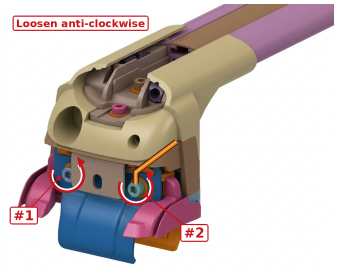
Removing the crossbars

1. Unlock and remove the covers



1. Unlock: turn the key **90° clockwise** until the slot is **vertical**, and leave it in that position.
2. Lift the cover slightly at the **front bottom edge** until you hear the cover tube click back into the hole inside.
3. With two hands, press gently on the **top** and pull from the **side or bottom** until the cover comes off - never pull hard or upward.

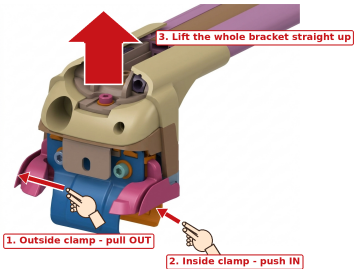
2. Loosen the clamp bolts



1. With the Allen key, loosen the M6 bolts **#1 and #2** gently (anti-clockwise) until the clamp can slide off the rail from the top.
2. Do not loosen them too far - the bolts must stay engaged with their nuts at the back.

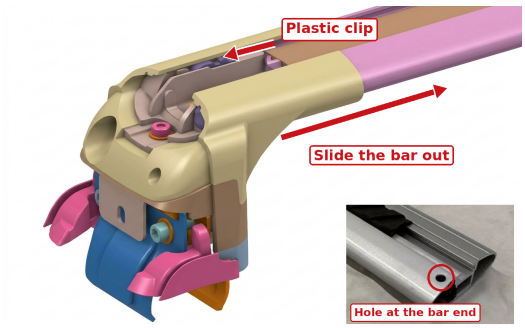
ATTENTION: Never unscrew the bolts off their nuts when loosening the clamps.

3. Take the crossbars off the rails



1. With one hand, pull the **outside clamp** (blue) outward, away from the rail.
2. With the other hand, push the **inside clamp** (orange) inward, until the gap between the clamps is wide enough to clear the rail.
3. Lift the bracket straight up off the rail, then refit any covers you removed from the rails.

4. Take the bracket off the bar (only if needed)



1. Loosen bolts **#3, #4 and #5**, then slide the bracket along the bar until it stops against the **plastic clip** (arrow).
2. Push the top of the clip down into the **hole at the bar end** (inset) with a thin pin or a small hard tip, until the clip pops out of the hole.
3. Slide the bar gently out of the bracket.

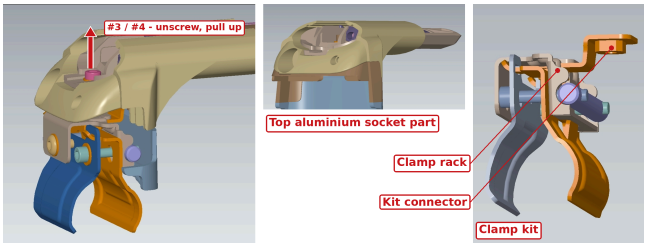
TIP: The clip is not essential - you can leave it out to make future assembly easier; to stop the bracket sliding off the bar, tighten bolt #4 or #5 slightly instead. Store the bars fully assembled and keep the keys with them.

Note: parts are shown in different colours for easy checking - actual parts are black or silver.

Replacing or swapping parts

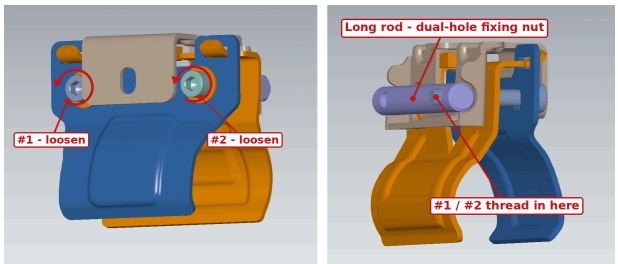
ATTENTION: Maintenance only - not part of the installation

1. Installation kit swap



1. Take the crossbar off the rails (see **Removing the crossbars**, steps 1-3).
2. Loosen top bolts **#3 and #4** until they come free of their nuts underneath the kit rack, then pull them straight up and out.
3. Lift the clamp kit off the bracket. The bracket now splits into two parts: the **top aluminium socket part** and the **clamp kit** (right).
4. Fit the replacement kit the same way round, refit bolts #3 and #4 into their nuts, then tighten to **about 7 N·m (5 ft·lb)**.

2. Clamp swap



1. With the clamp kit off the bracket, loosen bolts **#1 and #2** anti-clockwise (left picture) until they come free of the **long-rod dual-hole fixing nut** behind the clamp rack (right picture), then pull them out.
2. Take the clamp off its pin. Note which one is the **outside** clamp (blue) and which is the **inside** clamp (orange).
3. Fit the replacement clamp the same way round on the same pin, then thread bolts #1 and #2 back into the long-rod dual-hole nut.
4. Tighten to about **7 N·m (5 ft·lb)** and check both clamps swing freely before refitting the kit.

ATTENTION: Never drive with a bracket that is missing a clamp, a bolt or its rubber base. Replace parts only with genuine ROKIOTOEX parts of the same type.

TIP: Keep the old kit or clamp with the spare parts - it may fit a different vehicle or rail shape.

Parts and accessories

Parts

No.	Item	Notes
P1	**Bracket Base Tower Kit - Socket**	Top aluminium socket part
P2	**Bracket Base Tower Kit - Tensioner**	-
P3	**L cover**	For an L bracket, locking
P4	**R cover**	For an R bracket, locking
P5	**Locks and keys**	For the bracket covers
P6	**Installation kit**	Clamps (outside and inside), clamp rack, kit connector, other metal parts and two bolts
P7	**Aluminium bar**	State longer (front) or shorter (rear)
P8	**Ribbed Rubber Strip**	-
P9	**Short flat rubber strip**	Ribbed-strip bars only

Accessories

No.	Item	Notes
A1	**M6 x 35 mm bolt and washers**	Bolts #1 and #2
A2	**M6 x 40 mm bolt and washers**	Bolt #3
A3	**M6 x 30 mm bolt and washers**	Bolt #4
A4	**Dual-hole fixing nut**	Long rod behind the clamp rack - takes bolts #1 and #2
A5	**Tensioner Bolt Assembly**	Long bolt and nut for the tensioner (P2)

To order: contact the seller through your order and give the **part code**, the product (Coyote Model Crossbars) and your vehicle make, model and year.
Not listed? Send a clear photo showing where the part or accessory sits on the crossbar to ask for a quote.

Safety and care

SAFETY NOTES

- Never exceed your vehicle's roof load limit. See your owner's manual for roof-carrying information.
- Check that the crossbars are tight every 1,000 km (600 mi) on long trips, rough roads or at high speed, and check regularly that the load is secure.
- A roof load changes how the vehicle handles. Spread the load evenly between the bars and keep it as low as possible.
- Make sure the bars are installed facing the right way - ridgeline forward, longer bar in front.
- Make sure the clamps are fully tightened to the rails with no gaps, and all covers are locked on the brackets.
- Expect some increase in wind noise with crossbars fitted.
- If you will not use the bars for a long time, remove them - but store them assembled so no parts are lost.
- Check the metal parts under the covers from time to time. Clean any rust with a baking-soda paste or a damp cloth.

CONSIGNES DE SÉCURITÉ

- Ne dépassez jamais la limite de charge du toit de votre véhicule. Consultez le manuel du propriétaire pour le transport sur le toit.
- Vérifiez le serrage des barres tous les 1 000 km (600 mi) lors de longs trajets, sur routes accidentées ou à haute vitesse, et vérifiez régulièrement que la charge est bien fixée.
- Une charge sur le toit modifie le comportement du véhicule. Répartissez-la uniformément entre les barres et gardez-la aussi basse que possible.
- Assurez-vous que les barres sont installées dans le bon sens - arête vers l'avant, barre la plus longue à l'avant.
- Assurez-vous que les pinces sont bien serrées sur les rails, sans aucun espace, et que tous les couvercles sont verrouillés.
- L'installation des barres peut augmenter le bruit du vent.
- Si vous n'utilisez pas les barres pendant une longue période, retirez-les, mais rangez-les assemblées pour ne perdre aucune pièce.
- Inspectez de temps en temps les pièces métalliques sous les couvercles. Nettoyez la rouille avec une pâte de bicarbonate de soude ou un chiffon humide.

Need help?

If a part is missing, does not fit, or you have a question about installation, stop and do not drive with the bars fitted. Contact the seller through the order details page of the store where you purchased this product - please have your order number ready.