

Turny[®] Evo

Generation 2 | A quick look at the improvements.



New.



New.

New.

THE BOTTOM HALF of the Turny Evo has a completely new design. This design will not only help us achieve better performance but also ensure consistent build quality.

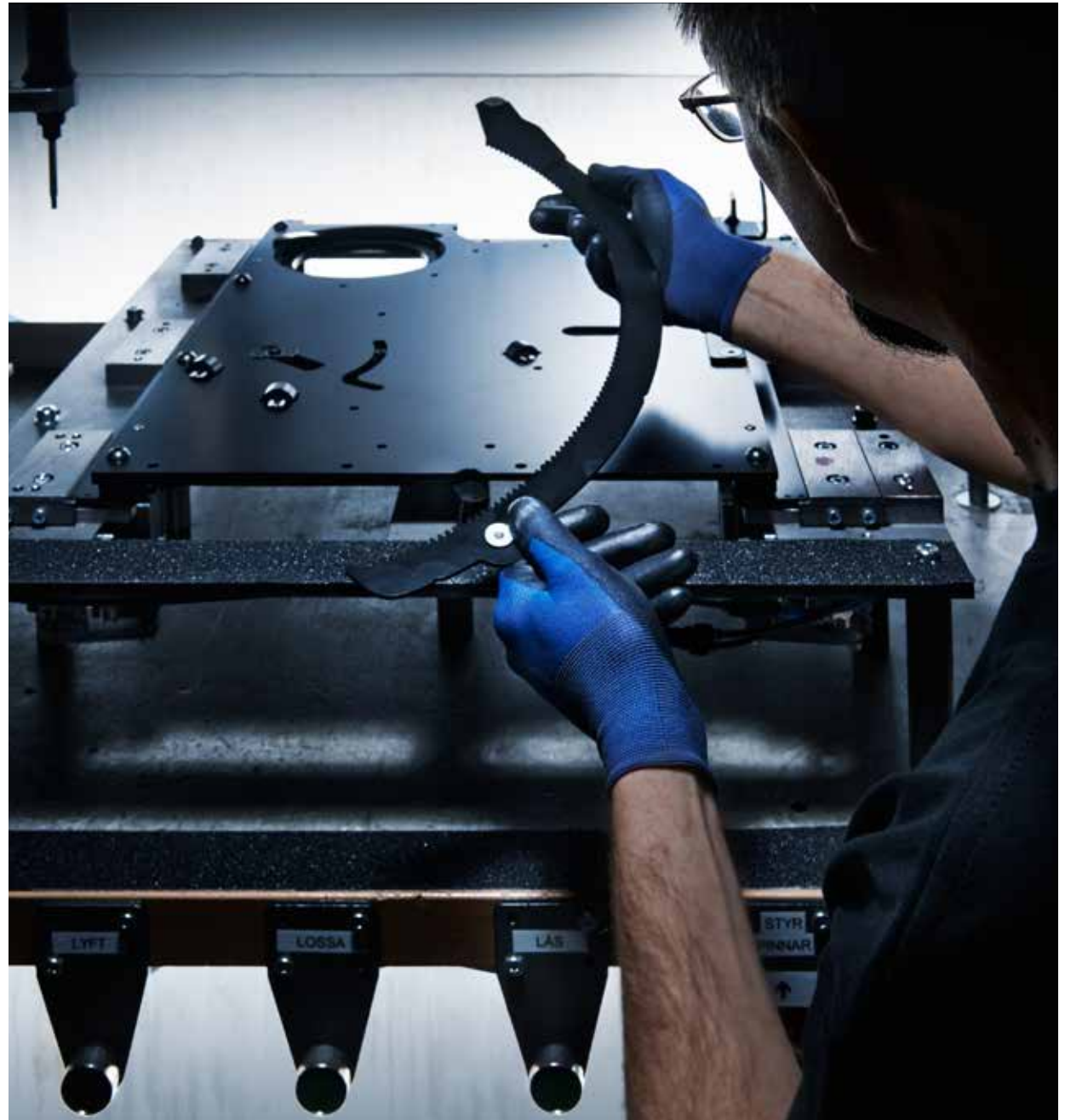
The software has also been rewritten with several new features, one being a programmable Home position. This removes the need to run the Turny Evo all the way back, enabling installation at previously impossible positions in the vehicle.

After being tested rigorously we are confident that these new designs will continue to work for many years, in both hot and cold weather, as well as hold their ground in the event of a 30 G crash.

In short, all known shortcomings with the previous version of Turny Evo have been addressed.



Watch the video on
Dealerweb



To ensure reliability and consistent build quality we have developed an entirely new manufacturing process.

A black and white photograph of a serene landscape. In the center, a small, rocky island with several tall, dark evergreen trees stands in a calm body of water. The water is still, creating a clear reflection of the island and the surrounding forest. The background is a dense forest of trees, with a thick layer of mist or fog hanging between the water and the forest, creating a sense of depth and tranquility. The overall mood is peaceful and quiet.

Peaceful.

Peaceful.

Peaceful.

TO ENHANCE THE perceived quality of the Turny Evo, we have made sure that rattle and other annoying sounds have been reduced to an absolute minimum. Tighter tolerances is one way to accomplish this but we have also located some of the individual troublemakers and dealt with them once and for all.

20.000 test cycles with maximum load made us confident the Turny Evo will sit tight and quiet for a loooong time.



A wedge made of vibration absorbing plastic locks the unit firmly in place when inside the vehicle.



The rubber stop locks the unit in tension which minimises play. Furthermore it makes sure the user comes to a smooth stop when swivelling inside.

A blurred asphalt road winding through a forest, with sunlight filtering through the trees. The road is dark and has a white line on the right side. The trees are green and brown, and the sunlight is bright and warm.

Comfortable.

Comfortable.

Comfortable.

AN AREA WHERE we saw room for improvement was the user experience when travelling seated in the Turny Evo. The first thing we addressed was to minimise any sense of irrational movement. In order to do so we developed the Roll Guides. These clever bearing lined baskets leaves no room for play along the entire lengthwise adjustment path. This means our users can enjoy the same stability as in the Home position no matter where they find their individual 'sweet spot' for travelling in their vehicle.

To further smooth things out we have added some additional covers to potential risk areas.



Roll Guides, our proprietary design of bearings reduces play to an absolute minimum.



Plastic Pellet Supports makes the swivel smooth and comfortable.



Safe.
★★★★★

Safe.

WE HAVE ALWAYS taken pride in being in the forefront when it comes to safety, this will never change. Our users shouldn't have to watch out for sharp edges, worry about technical failure in the field or what could happen in the event of a car crash.

The current standard requires a product to be able to withstand a crash at 20G with a 76kg dummy. To reach far beyond the standards we test the Turny Evo at 30G with a 103kg dummy, ensuring a higher level of safety and compliance with future legislation.



Autoadapt Safety Centre

Accredited test laboratory
www.autoadapt.com/safety

Thoroughly tested

Our products have to endure various extremes in a number of tests before ending up in our product catalogue. Tests such as 20.000 full cycles with maximum load as well as tests in extreme temperatures as low as -20°C and as high as +60°C.



Deformation segment

To withstand the brute forces in a 30G crash with a 103kg dummy, the Turny Evo is equipped with a deformation segment. This absorbs some of the kinetic energy and basically protects the rest of the unit.



Emergency crank

The emergency crank has been replaced by a ratchet handle and a robust key.

A close-up photograph of a person's hand holding a black, handheld electronic device. The device has a small, rectangular blue screen displaying a dark, abstract shape. Above the screen is a white, circular button with a textured surface. The hand is holding the device from the side, with the thumb resting on the button. The background is blurred, showing another hand and a light-colored surface.

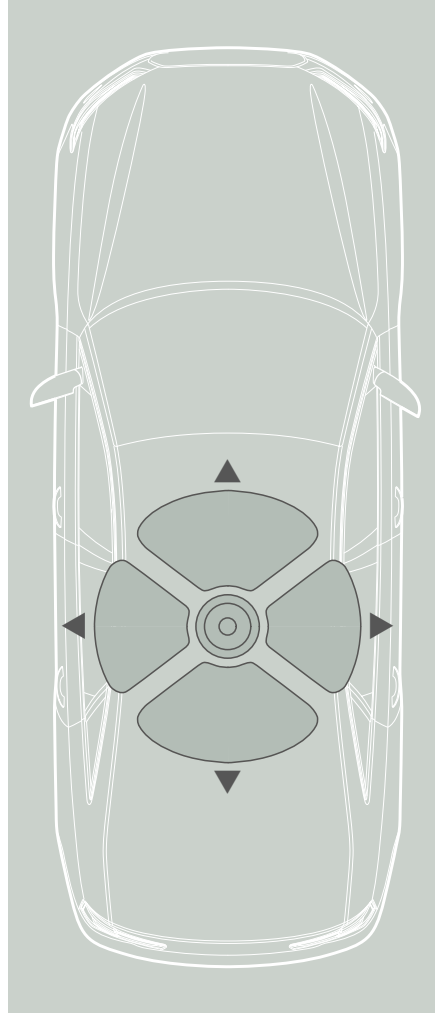
Intuitive.

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THE NEW HAND control software features an intuitive control scheme. Just press the button closest to the door to swivel out, press the opposite to swivel back inside. Press forward to adjust the seat forward, press backward to adjust the seat backwards.

To avoid confusion the display on the hand control only shows information when something is wrong. For example when the pinch protection kicks in the display shows what sensor is being triggered. This allows the user to find and remove the obstacle. Furthermore the user also has the option to move backwards if necessary, to address whatever is triggering the sensor. In other words no more accidental Emergency Mode.



As easy and intuitive as one, two, three.



Triggering the Over Recline Switch used to mean the user ended up in Emergency Mode. Now the user can identify the problem in the display, back up, adjust the recline and go forward again.

Optimised.



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Optimised.

TO MAKE LIFE easier for you as an installer we have rewritten the software for the Turny Evo to add many of the features you've requested. For instance we have now included the door safety switch in the package, since the Automatic sleep mode requires the switch to be installed. Emergency mode navigation has been made much faster, as you now are able to switch both forward and backward between swivel and lengthwise adjustment.

Automatic sleep mode.

With the doors closed and the engine off the Turny Evo goes in to sleep mode after 3 minutes and uses about 0.78 mA.



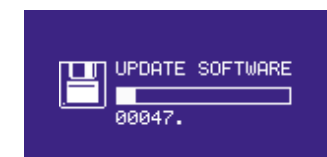
Save and edit existing path.

Edit an existing movement path as you like. You can even edit the end points for comfort adjustment and swivel/lift movement.



Programmable Home and Comfort position.

By allowing you to individually set these two end points, each installation can be customised to make the best use of the available space.



Simplified software update.

Just plug in an updated hand control and upload the new software

Mounting.



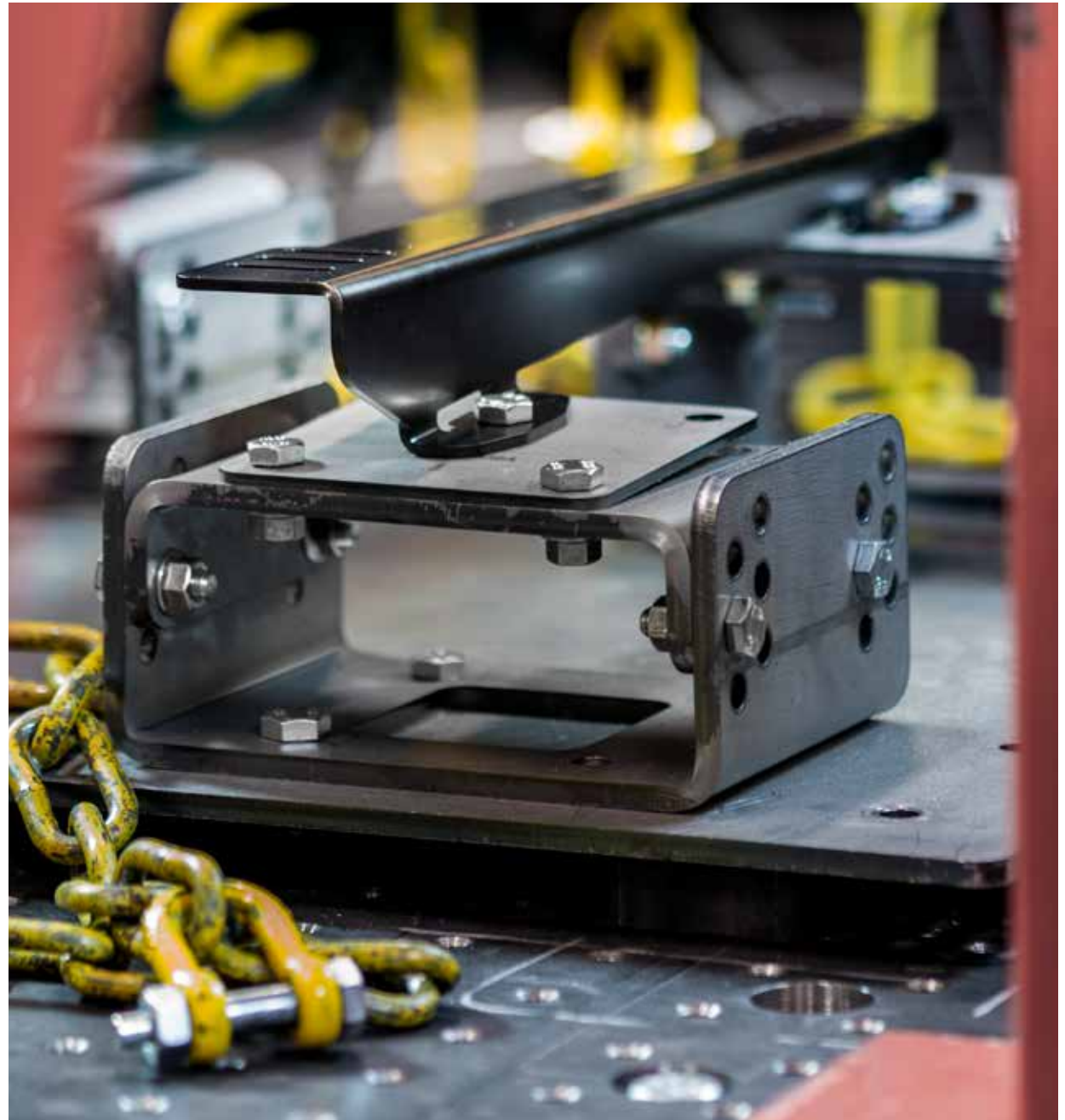
Mounting.

Mounting.

TO ENSURE THAT the Turny Evo sits firmly in the vehicle, the same 30G requirement had to be put on the mounting brackets. The result is a whole new set of mounting brackets that not only endure a 30G crash but also help make the installation process a lot faster. The hole pattern has been altered which makes the old Turny Evo mounting brackets incompatible with the new Turny Evo. The external dimensions however, remains the same.

Installers will need to update their training in order to ensure proper and safe installations.

Visit [Autoadapt Dealerweb](#) to find up to date information and a list of mounting brackets for the new Turny Evo.



One of the new vehicle specific mounting brackets, the black piece on top, ready for testing in our Pull Test Rig.

Reliability.



Reliability.

Reliability.

To aid us in some real world testing we enlisted long time Turny Evo user Lasse Zetterdahl. However he is not your average Turny Evo user. Instead Lasse runs a Taxi Company and has the unit installed for his customers. Located in Ljusdal, Sweden where the climate is harsh and the roads are worse. For seven months Lasse has put his unit to test on a daily basis. We captured his thoughts in a short video available on Dealerweb.

“The improved reliability means you don’t have to think twice about using it, regardless of the season.”



Watch the video on
Dealerweb



Accessories.

Additional products
to help your installation.



*High durability webbing makes lifting the
Turny Evo into the vehicle easier.*



The new Application Tool shows how much space is needed in order to install the Turny Evo.

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Worldwide Safe Mobility Solutions

Included in our corporate group are Autoadapt, BraunAbility,
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