

# AA KENYA AUTONEWS

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# INEOS GRENADIER

EPRA

**New fuel prices for the month of April - May 2024**

E-Mobility

**Kenya's EV's capacity soars as technicians receive specialized training**

Feature

**AA Kenya's participation in the 2024 music festivals**



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# SOURCE: ENERGY & PETROLEUM REGULATORY AUTHORITY

## FUEL PRICES OVER THE LAST 12 MONTHS

Dates	Super petrol	Diesel	Kerosene
15th April 2023	179.30	162.00	145.94
15th May 2023	182.70	168.40	161.13
15th June 2023	182.04	167.28	161.48
1st July 2023 (finance act effect)	195.53	179.67	173.44
15th July 2023	194.68	179.67	169.48
15th August 2023	194.68	179.67	169.48
15th September 2023	211.64	200.99	202.61
15th October 2023	217.36	205.47	205.06
15th November 2023	217.36	203.47	203.06
15th December 2023	212.36	201.47	199.05
15th January 2024	207.36	196.47	194.23
15th February 2024	206.36	195.47	193.23
15th March 2024	199.15	190.38	188.74
<b>15th April 2024</b>	<b>193.84</b>	<b>180.38</b>	<b>170.06</b>





# A beginner's guide to getting a Smart Driving License

By Alex Munene

The desire to drive or ride on the country's roads is often met with confusion and uncertainty regarding the necessary steps to obtain legal authorization.

Ignorance is not an excuse, and hefty fines await those who dare to operate vehicles without proper licensing.

1. The first step is enrolling in a reputable driving school. It goes without saying that AA Driving School has no rivals when it comes to the best driver training. Known for its top-notch driver training, AA Driving School will guide you through the entire process, from training to obtaining the coveted Smart Driving License.

2. Start the training: Your training will typically consist of theory and practical lessons. During this period, you will need to create an eCitizen account where you will apply for a Provisional Driving License- A learner's license that allows you to drive as a learner on the road under the supervision of a qualified instructor.

3. After completing the training and the instructor ascertains that you are now a good driver. You are now ready for the NTSA test. You book the NTSA test through the school and on the D day head, NTSA administers the test at the various test centres across the country.

4. Passing the test opens the door to applying for an Interim Driving License (IDL), followed by the Smart Driving License. These steps solidify your legal authorization to drive on Kenya's roads, ensuring compliance with regulations and safe driving practices.

By following these steps and relying on trusted institutions like AA Driving School, you can navigate the process with confidence, ultimately obtaining the necessary licensing to drive or ride responsibly in Kenya.

# Kenya's Electric Vehicle Capacity Soars as Technicians Receive Specialized Training in Nairobi

By Stephen Macharia



**A**frica New Energy Vehicles (AfricaNEV), in partnership with Advanced Mobility and supported by GIZ Kenya, recently concluded an e-mobility training program in Kenya aimed at enhancing the capacity of local technicians to maintain electric vehicles (EVs). The program marked a significant milestone in knowledge transfer and the promotion of sustainable mobility in Africa.

The training received attention for its potential impact not only in Kenya but also across the continent, highlighting a collaborative effort between the public and private sectors to embrace eco-friendly transportation alternatives. Participants, representing a diverse range of stakeholders including technicians from local EV dealers, Kenya Power, the National Transport and Safety Authority (NTSA), GA Insurance, and Heritage Insurance, showed keen interest in the program, indicating a growing awareness of the importance of sustainable mobility in Kenya's transportation and energy sectors.

A key feature of the training was its hands-on approach to understanding EV technology. Participants had the opportunity to dismantle and reassemble Nissan Leafs provided by Knights Energy, gaining practical experience that deepened their understanding of EV mechanics and prepared them for future maintenance and repair tasks.

To complement this practical experience, participants also visited prominent E-Mobility companies in the region, including Basigo, EBEE, Ampersand, Powerhive, and Knights Energy. These visits offered a comprehensive view of the diverse approaches within the electric mobility sector, further enriching the participants' learning experience.

The training featured an impressive lineup of trainers, including Gad Ashiagbor, the founder of AfricaNEV. Ashiagbor expressed optimism

about the program's impact on the continent's EV landscape, stating, "We are thrilled to have successfully concluded this impactful E-Mobility training program."

The holistic nature of the training, combining theoretical knowledge with practical application, underscores the comprehensive strategy needed to build a robust EV industry in Africa. As AfricaNEV plans to expand similar programs in Kenya and beyond, the recently concluded training in Kenya serves as a testament to the continent's commitment to embracing clean energy solutions and its potential to become a global leader in sustainable mobility.

Kenya's progress in the EV sector reflects not only its adaptability to the evolving global landscape but also positions it as a key player in the pursuit of sustainable transportation solutions.

Last year, the Energy and Petroleum Regulatory Authority released guidelines outlining essential factors for designing, installing, and operating electric vehicle (EV) charging points and stations. The guidelines are expected to accelerate the uptake of electric vehicles in Kenya, and promote affordable tariffs for both EV owners and charging station operators.

By June 2023, the country had 2,079 electric vehicles, with a target of reaching five percent of the total registered vehicles by 2025, according to EPRA. Motorcycles make up the majority, with 1,500 units or 72.1 percent of the electric vehicles, followed by 181 station wagons (8.7 percent) and 176 tuk-tuks (8.4 percent). Additionally, there were 20 electric buses on Kenyan roads during this period.

Leading the shift towards clean mobility in public transport are several firms that assemble motorcycles and two-wheelers, including electric mobility startup Basigo and the Swedish-owned Roam.

# AA Kenya's participation in the Kenya Music festivals to foster a culture of Road Safety

By Riapius Magoma

**A** Kenya is taking the message of Road Safety a notch higher this year by taking part in the Kenya Music Festivals, where students will sing songs and recite poems that raise awareness about road safety. This initiative aims to instill a culture of road safety from a young age so that they grow up with safety in mind.

Through this initiative, students have the opportunity to be Road Safety Ambassadors by joining the AA Junior Membership; where they will receive Road Safety training, among other benefits to be equipped on how to be road safe.

According to reports by the National Transport and Safety Authority (NTSA), pedestrians recorded the highest number of fatalities in road accidents that have occurred since the year started. With the minimum age to be allowed to drive in Kenya set at 18, most students are pedestrians at one point or the other. By instilling a road safety culture from a young age, AA aims to change this narrative as the students grow with a road safety culture instilled in them.

Since 1919, AA Kenya has played a leading role in shaping the nation's transport landscape. AA has been educating the public on road safety, focusing on schools with initiatives like the "I See you campaign" and "Safe Walk to School" programs.

AA Kenya's Junior Membership takes this mission to the next level by promoting road safety through

captivating performances at music festivals. With a thematic focus on "Championing Road Safety in Kenya," the trainers are composing songs and poems that advocate for safe road practices.

The compositions highlight the importance of road safety, serving as a rallying cry for a safer tomorrow.

This message extends beyond the festival stage, with parents, teachers, and students encouraged to embrace a culture of road safety.

Enrolling in AA Kenya's Junior Membership means becoming part of a collective effort to create safer roads for all. AA inspires the young generation to become advocates for safe road practices, helping to ensure that they grow into responsible road users.

The categories in the music festival that will be promoting Road Safety are:

English Poem: 2033H primary, 2033K Secondary

Music Set piece: 259 primary, 459 Secondary, and 859 University

Kiswahili: 2133H Primary and 2133K Secondary





# INEOS AUTOMOTIVE - ONE MAN'S VISION

By JM Baraza

## KEY FACTS AND FIGURES IN BRIEF

Combining rugged British spirit and design with German engineering rigor, Grenadiers are truly uncompromising 4X4s from the ground up. They are designed, engineered and built to world-class standards for those needing a dependable go anywhere vehicle with the comfort, safety, refinement and standard features that today's drivers expect.

## INEOS

INEOS is the world's third largest chemical company. It employs 25,000 people across 39 businesses, with a production network spanning 183 sites in 29 countries.

## MODELS

Depending on the market, the Grenadier is available as a five-seat Station Wagon, a Utility Wagon with the choice of a two-seat or five-seat layout, and as a five-seat Quartermaster double cab pick-up. The standard variants of each model are a blank canvas

ready to be configured for the exact needs of customers.

## BELSTAFF EDITIONS

The Fieldmaster Edition is a Grenadier created specifically for adventurous owners who will use their vehicle to get them and their kit to wherever they want to go. The Trialmaster Edition has been specified with extreme off-roading in mind.

## DESIGN

The Grenadier's exterior design is clear, simple and straightforward - a timeless and instantly recognizable form, dictated by the purpose of the vehicle, with substance informing style. It is boxy to maximize space efficiency. Wheels are positioned at the corners of the chassis to minimize body overhang for better off-road capability. Simple lines are punctuated only by practical features and no superficial styling.

## CABIN

The interior of the Grenadier is functional, intuitive and comfortable. Where possible it favors analogue over digital, with clearly labeled and well-spaced buttons and chunky dials on both the Central Control System and its aircraft-inspired overhead control panel.

## LADDER FRAME CHASSIS

The backbone of the Grenadier is a full box-section ladder frame chassis. Simple, strong and stable, it's designed to withstand daily punishment in all conditions. Its steel section is up to 3.5mm thick for outstanding rigidity and stiffness.

## SOLID BEAM AXLES

The Grenadier's heavy-duty solid beam axles are strong, straightforward, and built to last. They were developed in partnership with Carraro, an expert in heavy-duty tractor axles.

## TRANSFER CASE

Torque and power are sent to the front and rear axles via an INEOS-designed two-speed transfer case built by industry transmission leader Tremec. The manually-operated two-speed transfer case features a built-in centre differential which is lockable in both high and low range.

## OPTIONAL DIFFERENTIAL LOCKS

In addition to the standard centre locking differential in the transfer case, front and rear electronically actuated diff locks are optionally available.

## ENGINES

Depending on market availability, the Grenadier is powered by a choice of BMW 3.0-litre turbo-charged inline six-cylinder petrol or diesel engines, which have been extensively revised and recalibrated for this application.

## TRANSMISSION

All Grenadiers feature an eight-speed automatic gearbox from industry transmission leader, ZF. Recalibrated and fine-tuned by Magna-Steyr, the gearboxes feature a heavy-duty torque converter specifically for off-road work.

## SUSPENSION

The Grenadier is set up to provide dynamic handling and a comfortable ride, whatever the load or road. This is provided by progressive coil springs, robust anti-roll bars, and a sophisticated five-link setup, with a pair of longitudinal links either side of the axle and a Panhard rod.

## BRAKES

Developed with Brembo, the Grenadier's brake system delivers confidence-inspiring performance. The 316 mm vented front discs are gripped by twin piston calipers, and the 305 mm rear solid discs are actuated by single piston calipers.

## STEERING

The recirculating ball steering layout features hydraulic assistance and has 3.85 turns between locks for a 13.5-metre kerb-to-kerb turning circle.

## UNCOMPROMISED OFF-ROAD ABILITY

Starting with a clean-sheet brief enabled INEOS Automotive's designers and engineers to create an uncompromising off-roader with a meticulously selected suite of key components. The result is an off-roader that is designed, developed and engineered to deliver exceptional off-road ability straight out of the box.

## EVERYDAY TRANSPORT

Whether crossing a continent, tackling a daily commute, or taking a long-anticipated family trip, the combination of high levels of refinement, a spacious and airy cabin, intelligently configured controls, excellent visibility, comfortable Recaro front seats, and phone



connectivity makes the Grenadier excellent everyday transport.

### **PAYLOAD**

All Grenadier models offer a braked 3.5-tonne towing capacity, more than 2000 litres of load space and 5.5 tonnes of winching power for recovering themselves or others. Payload on European models ranges from 689kg on a fully optioned diesel Trialmaster Station Wagon to 871kg for a base two-seat petrol Utility Wagon. With a payload of up to 835kg, the Quartermaster pick-up is capable of carrying five people and their bulkiest of loads.

### **SAFETY**

Developed to deliver optimal performance in both on- and off-road environments, all Grenadier models are equipped as standard with a comprehensive suite of Advanced Driver Assistance Systems required for them to meet regulations in their target sales markets.

### **INFOTAINMENT AND NAVIGATION**

A comprehensive suite of infotainment and navigational features includes Android™ Auto and wireless Apple CarPlay® as standard, with Bluetooth connectivity and voice control for hands-free calls. Pathfinder off-road navigation is a bespoke, waypoint-based guidance system.

### **ACCESSORIES**

INEOS Automotive offers a wide range of factory-fit options, and an extensive choice of accessories that were developed inhouse alongside the Grenadier to appeal to different customers and markets.

### **HAMBACH**

INEOS Automotive's Hambach plant is a state-of-the-art 210,000 sqm facility that employs a highly experienced direct workforce of over 1,000. Since acquiring Hambach from Mercedes-Benz in January 2021, INEOS Automotive has invested over €50m in addition to the €470m invested at the site in 2019.

### **DEVELOPMENT**

The Grenadier's development programme saw 350 world-class engineers subject development and prototype vehicles to a rigorous, global testing schedule, covering 1.1 million miles / 1.8 million kilometres in 15 countries, in all climates and across all terrains.







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