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SV INSIGHTS

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SV INSIGHTS

Welcome to **RMA SPECIAL VEHICLES INSIGHTS**—your go-to newsletter for all the latest updates from RMA Special Vehicles and our modification centers in Thailand, Dubai, Türkiye, South Africa and Australia, as well as our vehicle assembly centers in Cambodia and Myanmar. As a leading global modifier and converter, we cover every aspect of vehicle solutions, from design and manufacturing to delivery, maintenance, and parts supply. Partnering with a variety of OEMs, we deliver vehicles tailored for various applications, including emergency rescue, security, industrial use, and defense. Join us as we share exciting news about our expertly engineered vehicles and the extensive support network backing them.



Daren Ambrose

Managing Director Global Modifications





EUROSATORY 2024

RMA Special Vehicles (RMA SV) and [Ford Global Fleet Sales \(FGFS\)](#) showcased their latest innovations at EUROSATORY, Paris, Europe's largest defense exhibition, 17-21 June 2024. With a record 2,028 exhibitors from 61 countries and nearly 43,000 visitors, RMA SV presented the eye-catching Transit 4X4 Conversion and Peugeot Landtrek 4X4 Light Tactical Vehicle, while Ford Global Fleet Sales highlighted the FG-P, a Ford Ranger 4X4 Light Tactical Vehicle. Both vehicles featured modifications such as Black Out function and [electrification](#) options.



[Light Tactical Vehicle](#)

[4X4 Conversion](#)



[FG-P](#)



Ford F-150 Right-Hand Drive Remanufacturing Underway In Australia

In September 2023, RMA Automotive Australia in collaboration with Ford Australia, launched the remanufacturing of the iconic Ford F-150 trucks for the Australian market. This process, taking place at RMA's Mickleham facility, involves converting left-hand drive F-150s into [right-hand drive](#) vehicles. To date over 4,250 conversions have been completed and distributed to Australian Ford dealers.

The F-150 trucks undergo a meticulous remanufacturing process that includes the installation of more than 500 new parts and the redesign realignment of essential systems such as steering, climate control, lighting, and the instrument panel, alongside necessary software upgrades. The facility remanufactures up to 22 trucks each day, with each vehicle taking around 22 total hours in our production system spread over three days to complete the process.

The remanufactured F-150s feature several updates designed for convenience and safety. Key enhancements include a new instrument panel, right-hand drive transmission assembly, modified brake systems, and Australian-specific software for infotainment and climate control.

Other improvements include new tow bar assemblies compliant with Australian regulations, child restraint systems, and updated seating options.

Under the hood, the right-hand drive F-150s have been engineered to maintain parity with their left-hand drive counterparts, incorporating changes such as a new cross car beam, updated electrical harnesses, and recalibrated steering systems.

RMAA Australia's 21,000m² facility is strategically located near Ford's new parts supply and logistics hub and close to the engineering head office in Campbellfield, enabling close cooperation between Ford and RMA Automotive engineers. This partnership aims to ensure that the F-150 meets Ford's high standards while being tailored for Australian drivers.

RMA Automotive brings over 30 years of engineering expertise to the project and is recognized as a leading supplier of modified vehicles. With a history of over 100,000 modified Ford vehicles delivered globally, RMA has partnered with Ford since 1997, undertaking various projects across multiple markets worldwide.



RMA Automotive Cambodia: Pioneering Vehicle Assembly In Southeast Asia

RMA Automotive Cambodia (RMAAC) two years ago took a monumental step in the country's automotive industry with the launch of its state-of-the-art vehicle assembly facility. Situated on a sprawling 40,000m², this facility is poised to meet the rising demand for new vehicles, particularly of the Next-generation Ford Ranger and Ford Everest, which have established themselves as favorites among Cambodian consumers.

A Cutting-Edge Production Hub

The RMAAC assembly facility is designed with advanced technology and infrastructure to support the production of high-quality vehicles. The facility includes a dedicated production area equipped with the latest tooling and machinery, ensuring efficient and precise assembly processes.

Key features include:

Highly Technical Assembly Lines: Designed to optimize workflow and enhance productivity.

Enterprise Resources Planning (ERP) and Manufacturing Execution System (MES): These systems streamline operations, manage resources effectively, and enhance production efficiency.

Additionally, the facility boasts a Quality Assurance vehicle test track, a water leak test facility, and end-of-line testing systems, all of which ensure that each vehicle meets the highest standards of quality and performance. Advanced diagnostic systems further enhance the reliability and safety of the vehicles produced.

The facility is certified with Quality standards like ISO9001 and ISO 14000 and committed to delivery of high quality standard products to its customers.

Expertise in Knock-Down Assembly

RMAA brings years of expertise in Knock-Down (KD) assembly, a method where vehicle parts are shipped as kits and assembled locally. This process not only allows for greater flexibility in production but also supports local content integration and significant investment enhancing the economic footprint of the automotive industry in Cambodia.

RMAA has successfully operated a similar facility in Myanmar since 2017, assembling Ford Rangers and Ford Everest for the domestic market. The company receives parts from Ford, boxes them, and ships them to various markets, where they are assembled with considerable local content contributing to the local economy.



Employment and Skills Development

RMAAC is not just about manufacturing; it is also committed to creating job opportunities for local talent. The Cambodia facility has employed over two hundred permanent staff and expected to add another hundred, with recruitment primarily focused on graduates from local technical institutions. In a bid to foster local skills, RMA Cambodia has initiated an extensive training program in collaboration with these institutions. This initiative will help cultivate a skilled workforce capable of supporting the growing automotive sector in Cambodia.

RMAAC is also instrumental in training young technicians at vocational training colleges established across Cambodia. The company has donated Ford vehicles to these colleges, providing students with hands-on learning and training opportunities that are crucial for their development in the automotive field.

With an output capacity of 9,000 vehicles per year, the facility is well-equipped to cater to the increasing customer demand, solidifying RMA Cambodia's automotive distribution presence in the Cambodian market. As the facility ramps up production, it not only enhances the availability of high-quality vehicles but also contributes to the broader economic development of the region. A pre-assembly facility is being built to cater for the increased volume of local content and will be operational at the end of 2024. The facility potentially also could cater the Vehicle personalization and MODs projects.

RMA Automotive Cambodia's assembly facility is more than just a manufacturing site; it is a beacon of progress that signals an exciting new era for the automotive industry in Cambodia. With a focus on quality, efficiency, and local talent, RMAAC is set to drive the future of automotive expansion in the Kingdom.





Stellantis Modifier & Converter

RMA Special Vehicles was appointed as the Official Stellantis Modifier and Converter for MEA and APAC regions, aiming to enhance mobility solutions for customers. This partnership promises to combine RMA's expertise in modifications with Stellantis' engineering prowess.



International Support and Training

RMA Automotive's parts team trained the MINURSO Transport Team in Morocco, enhancing aftersales support and technical capabilities for UN missions.





RMA Automotive Certified Mercedes-Benz VanPartner

RMA Automotive has been recognized as a certified VanPartner by Mercedes-Benz, a distinction awarded to specialist vehicle bodybuilders who meet rigorous quality and performance standards. This certification allows RMA Automotive to produce custom fit-outs for various applications while upholding the renowned quality associated with Mercedes-Benz Vans.

Key Highlights:

- **Stringent Standards:** RMA Automotive adheres to the high requirements set by Mercedes-Benz, ensuring excellence in quality, technique, technology, and after-sales service.
- **Commitment to Quality:** Successfully passing Mercedes-Benz's rigorous evaluations underscores RMA's dedication to delivering top-tier vehicle conversions globally.

- **Special Vehicle Modifications:** Through RMA Special Vehicles, the company offers tailored solutions and innovative safety features for a diverse range of applications, including industrial and defense sectors.
- **Diverse Vehicle Offerings:** RMA will provide a variety of Mercedes-Benz vehicles, such as Cash-in-Transit vehicles, ambulances, and luxury van bus conversions.

As a Mercedes-Benz VanPartner, RMA Automotive looks forward to collaborating closely with Mercedes-Benz to deliver high-quality vehicles that meet the diverse needs of customers worldwide.

Transforming Mercedes-Benz Vans In Luxury Buses

In an exciting development, RMA Automotive Middle East & Africa (RMAA MEA) has set a new standard in vehicle customization by transforming Mercedes-Benz vans into luxurious buses. This innovative conversion process caters to the growing demand for high-quality, comfortable transport solutions in both corporate and leisure markets in the GCC region.

The Conversion Process

The conversion from a standard Mercedes-Benz Sprinter cargo van to a luxury bus is a complex and meticulous undertaking. RMAA MEA's skilled production team carefully re-engineers the vehicle to enhance its comfort and functionality, ensuring that it meets the highest standards set by Mercedes-Benz.

Each conversion begins with a thorough assessment of the client's needs. RMAA MEA works closely with clients to understand their specific requirements, whether for corporate transport, tourism, or special events. From there, the team implements a range of modifications, including seating, interior finishes, lighting, and climate control systems, to create a truly luxurious experience.

Customization Options

At RMAA MEA, we're all about tailored solutions for our clients. Choose

from flexible seating configurations like 16+1, 19+1, or even a spacious 22+1 setup—designed for both comfort and style.

The luxurious interior features bespoke upholstery, panoramic windows, and powerful air conditioning designed for even built to tackle the hottest Middle East summers. With attention to detail in every aspect of the conversion, RMAA MEA guarantees an experience that rivals traditional luxury vans.

Meeting Market Demand

This innovative service comes at a time when the demand for luxury transportation solutions is on the rise, particularly in the Middle East where corporate travel and tourism are booming. By expertly converting vans into high-end buses, RMAA MEA not only meets this demand but also provides its clients with flexible options that are both stylish and functional.

RMAA MEA's commitment to quality and customer satisfaction has already earned them recognition in the industry, with several successful projects completed for various clients across the region. With a focus on customization, quality, and customer satisfaction, RMAA MEA is poised to lead the way in luxury vehicle conversions in the Middle East and beyond.



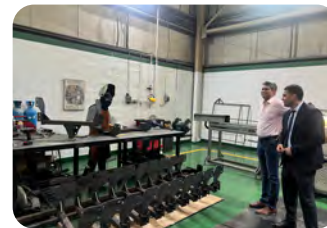
Stellantis GCC Fleet Convention

RMAA MEA showcased its capabilities at the Stellantis GCC Fleet Convention in Dubai, presenting a modified Dodge Durango police vehicle and engaging with other participants in track experiences at the Dubai Autodrome.



Ford IMG Visit

RMAA MEA hosted representatives from Ford IMG, discussing potential collaborations and showcasing recent projects.





Police and Command Vehicle Conversions

RMAA MEA team fulfilled orders for Nissan Navara police vehicles and delivered customized Toyota Command Units to the Government of Sint-Marten, showcasing extensive research and tailored modifications.



Ambulance and Accessibility Innovations

RMAA MEA delivered a Ford Expedition Ambulance for construction site use in Dubai and completed an electrical wheelchair access conversion on the Jeep Grand Cherokee, enhancing mobility for wheelchair users.





RMAA MEA Electric Wheelchair Access Conversion

On January 5th, 2024 - RMAA MEA announced the successful completion of an innovative project in collaboration with Stellantis Group KSA. The installation of an Electrical Wheelchair Access System on the new Jeep Grand Cherokee was designed to offer an affordable and reliable solution for wheelchair users seeking an SUV that suits their lifestyle.

Key features of the project include:

- **User-Friendly Modifications:** The front passenger seat is modified to swivel outwards and downwards, facilitating easy access for wheelchair occupants.
- **Remote Control Operation:** The wheelchair access system is fully remote-controlled, ensuring ease of use. RMAA MEA Electric Wheelchair Access Conversion
- **Dockable Transport System:** The addition of the “Carony” system allows for effortless transport of the wheelchair occupant, eliminating the need for manual lifting. This system includes a wheel unit and a comfortable chair for use both inside and outside the vehicle.

This marks the first Electrical Wheelchair Access System installed on a Jeep Grand Cherokee and signifies a strong beginning for RMAA MEA's collaboration with Stellantis in KSA. RMAA MEA is committed to continuing to supply emergency response solutions and enhancing accessibility options in the region.





RMA Automotive South Africa Underground Mining Vehicles

Pretoria, August 2024 – [RMA Automotive South Africa](#) has successfully delivered six Ford Ranger 4X4 Double Cabs [Underground Mining Vehicles](#) to the Rio Tinto Kennecott Copper Mine in Utah, USA. They will be used as personnel and equipment carriers in underground operations.

Enhanced Braking System:

- RMAA SA equipped the vehicles with a Spring Actuated, Hydraulic Release (SAHR) Emergency Braking System, specially developed for the Rangers by a South African brake supplier. This system includes an emergency stop button that cuts the engine and locks the wheels.

Fire Safety Measures:

- An Ansul Automatic Fire Suppression system was installed, a mandatory requirement for underground vehicles that deploys fire retardant to extinguish fires at the source.

Durable Floor Protection:

- The vehicles feature Kevlar floor protection made of 12-layer Kevlar boards to safeguard against damage from steel bolts commonly found in mines, installed by SVI Engineering.

Custom Body and Electrical System:

- These Rangers are the first to include RMAA SA's Double Cab Drop-Side body and a Dual Battery system, with 10 spotlights for enhanced visibility underground. The electrical system was extensively adapted with 13 'plug and play' harnesses for various components.

Comprehensive Mining Package:

- The vehicles come equipped with side steps, a wrap-around bull bar, reflective tape, decals, heavy-duty seat covers, a battery isolation switch, identification boards, and essential mining accessories.

Interior Safety Controls:

- Inside, a control panel for the Emergency Brake/Park features warning indicator lights to signal brake activation and hydraulic pressure.

RMAA SA is confident that these vehicles, once tested, will set a new standard for underground mining vehicles within the Rio Tinto Group, meeting stringent safety and operational criteria.





Light Attack Fire Fighting Vehicle Delivery

In February 2024, Minecorp successfully delivered its first light attack fire fighting vehicle to SEQ Water, which oversees water supply for over 3.6 million people in southeast Queensland. This project aimed to enhance operational efficiency and safety for the customer's fire management team.

Key innovations included:

- **Protective Structures:** Roll over and falling object protection.
- **Fire Suppression System:** A self-filling foam delivery system.
- **User-Friendly Design:** Integrated scene lighting and an ergonomic spare wheel replacement mechanism.
- **Safety Enhancements:** Internal radiant heat shields and an electrically activated deluge system to protect the crew during burn over events.

Minecorp's team conducted field trials in challenging terrains, receiving exceptional feedback from SEQ Water, establishing a new standard for light fire attack vehicles.





Introducing Minecorp Modular Truck Bodies

The Minecorp team in Brisbane, Australia has announced the launch of its new Modular Truck Body. After winning a design tender in 2023, they are set to build six prototype trucks for Brisbane City Council, with delivery expected in early 2025.

This marks a major milestone as the first truly modular truck body designed and manufactured in Australia. The innovative design features dedicated locker storage for hard-to-store maintenance tools and unique safety elements not previously offered in the market.

What sets Minecorp apart is its commitment to fast and reliable aftersales support. Winning this opportunity is a key step in achieving their strategic goals and expanding their client base in the high-demand government sector, both in Queensland and nationally. A targeted marketing campaign will launch once the prototypes are complete.



RMA SV MotorSport Success

The Feeliq Innovation MotorSport and RMA SV Team had a remarkable performance in the Thailand Rally Raid Championships, competing in the T-2 Class in both May and October 2024. The team achieved a significant victory, securing 1st place in class and 3rd overall in October.

In August, the team also participated in the grueling Asia Cross Country Rally, which took place from August 11-17. Both of their Ford Ranger Raptors successfully navigated the challenging course, finishing 4th in the T-2 class and achieving an impressive 8th overall. These accomplishments highlight the team's commitment to excellence and performance in off-road racing.



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For any enquires, please do not hesitate to contact us at

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