



CARBON MOTORS CORPORATION™



Carbon Motors E7 Patrol Vehicle



TOMAR Electronics, Inc.



# CARBON MOTORS CORPORATION™

Carbon Motors Corporation is a new American automaker dedicated to developing the world's first purpose-built law enforcement patrol vehicle. The Company has an innovative business approach that is viewed as the 'game-changing' model for the automotive sector due to its focus on the pull-based manufacturing of purpose-built products to a direct order from a direct customer via an integrated supply chain, and subsequently distributing those products directly to the customer.



# TOMAR Electronics, Inc.

For over thirty years TOMAR Electronics, Inc. has engineered and manufactured emergency lighting systems for police vehicles worldwide. Now Carbon Motors has called on TOMAR to develop a state of the art, fully integrated emergency warning system for the world's first purpose-built law enforcement vehicle. The unparalleled performance and reliability of TOMAR's warning systems together with Carbon Motors' industry-driven design concepts will set the standard for law enforcement vehicles for years to come.





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[www.carbonmotors.com](http://www.carbonmotors.com)

## SELECTED FEATURES AND OPTIONS

- All-new purpose-built vehicle platform exclusively for law enforcement
- Meets or exceeds all regulatory requirements
- Designed for 250,000 mile durability specification
- Turn-key built-to-direct-order
- 24/7/365 call center support
- Improved end-of-vehicle-life process
- Comprehensive warranty
- Aluminum spaceframe body structure
- 75 mile per hour rear crash capability
- Cockpit with fully-integrated factory fitted law enforcement equipment
- Integrated emergency lights, spot lights, take down lights, directional stick
- Segment exclusive coach rear doors (safer suspect insertion /removal)
- Vehicle dynamic control
- Anti-lock brakes
- Optimized approach / departure angles and ground clearance
- NIJ Level III-A (or better) ballistic protection (front doors /dash panel)
- Purpose-designed seat for use with on-body equipment
- Heated and ventilated seats
- Heads up display
- Reverse backup camera
- Driver specific intelligent key
- 360 degree exterior surveillance capability
- Automatic license plate recognition system
- Video and audio surveillance of rear passenger compartment
- 130hz - 350hz bass siren
- Nightvision compliant interior illumination
- Integrated forward looking infrared system (FLIR)
- Integrated shotgun mounts
- Optimized storage capability (compartment and cargo)
- Integrated front and rear passenger compartment partition
- Hoseable rear passenger compartment
- Integrated push bumpers and PIT capability



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