



SURVIVABLE COMBAT TACTICAL VEHICLE (SCTV™)

HMMWV UPGRADE SOLUTION FOR THE ASYMMETRIC BATTLEFIELD

Developed to provide significant improvements to performance, durability and ballistic and blast protection, the SCTV redefines survivability for the High Mobility Multipurpose Wheeled Vehicle (HMMWV). Using proven modern armor technologies, it is equipped to handle a variety of missions including fire support, command and control, reconnaissance, engineer support and troop transport. The innovative SCTV is designed and built to excel on today's intrinsically demanding battlefield.


TEXTRON Systems

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ENHANCED PROTECTION – PRODUCTION READY

Designed as a seamless integration with the HMMWV, the SCTV offers greater mobility, survivability, and protection to bring your crew home safely. It is compatible with all 11-series HMMWVs currently in service and select 10- and 9-series vehicles. The SCTV offers improved survivability by incorporating angles and a v-shaped blast deflection under-body plate and modernizes the original HMMWV cab while continuing to utilize existing controls, linkages and drive system.

KEY SPECIFICATIONS

 SEATING 4 (1 driver, 3 crew)	 MAX SPEED 62 mph (100 kph)	 RANGE 375 mi (440 km)	 HEIGHT 81 in (2,050 mm)
 WIDTH 96 in (2,420 mm)	 PRODUCTION Available for in-country co-production subject to USG approval	 AIR CONDITIONER 20,000 BTU/hr cool 22,000 BTU/hr heat	 ARMAMENT Roof supports most gunner protection kits and weapon systems

FEATURES

The innovative SCTV is comprised of five modular, primary kits that offer superior soldier protection and restores vehicle performance for the asymmetric battlefield.

 ARMORED CAPSULE Patented V-hull and angled sides provide superior blast and kinetic protection	 COOLING KIT Increased coolant flow rate and keeps engine block within acceptable cooling range	 BREAK KIT Larger rotors, more durable calipers and improved brake pads	 SUSPENSION & LIFT KIT Enhanced springs and shock absorbers with increased ground clearance, wheel travel and blast standoff for improved stability, ride quality and mobility	 ENGINE KIT GEP Optimizer 6500 turbodiesel engine along with multiple upgraded components and increased power to 220 hp
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STREAMLINED AND EFFICIENT VEHICLE PRODUCTION SEQUENCE

- 1 Legacy HMMWV**
 - Begin with Government furnished HMMWV
- 2 Vehicle Refurbishment**
 - Complete Reset (70% reuse)
- 3 Capsule Production**
 - Produce new armored crew capsule
- 4 Procure Upgrade Components**
 - Suspension, tires, brakes, and other new parts
- 5 Final Assembly**
 - Assemble vehicle chassis
 - Install capsule
 - Final assembly
- 6 Delivery**
 - Acceptance testing
 - Delivery of new SCTV



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