

ASV MAINTENANCE VEHICLE

Highly Mobile & Survivable Armored Vehicle

TEXTRON
Systems



Exceptional Crew Protection in a Light and Rugged Vehicle

The Maintenance Armored Security Vehicle (ASV) is a versatile, highly mobile armored vehicle that incorporates a proven accessory kit from legacy Cadillac Gage armored maintenance vehicles. It is a self-contained specialty vehicle designed for emergency field repairs. The vehicle also serves as a support vehicle for recovery and evacuation of APC and (Command & Control) versions of the ASV.

The Maintenance ASV utilizes the same baseline configuration and power train as all other vehicles in the ASV fleet. It is highly mobile in rough terrain and cross-country operations. In addition, the ballistic hull and armament provisions provide protection to the crew for recovery and maintenance of damaged equipment in tactical areas. Fitted with a heavy-duty winch and boom, plus other equipment for retrieval and evacuation, the Maintenance ASV provides a full range of capabilities as a service vehicle.

MAINTENANCE ASV SPECIFICATIONS



Weight	
Gross Vehicle Weight	29,000 lb (13,181 kg)
Curb Weight	24,850 lb (11,295 kg)
Dimensions	
Length	253 in (6,426 mm)
Width (overall)	101 in (2,560 mm)
Height (top of hull)	86 in (2,2184 mm)
Ground Clearance	18 in (457 mm)
Performance (at 29,000 lb)	
Speed (level hard surface)	65 mph (105 kph)
Acceleration 0-20 mph (0-32 kph)	8 sec
Acceleration 0-50 mph (0-80 kph)	30.4 sec
Range @ 40 mph (64 kph)	400 miles (644 km)
Turning Diameter	65 ft (19.8 m)
Gradient	60%
Side Slope	30%
Vertical Wall	18 in (.46 m)
Fording	60 in (1.5 m)
Tires	Michelin 14.00R20 XZL with Hutchinson run flat inserts
Suspension	Fully independent front and rear, upper and lower control arms
Power Train	
Engine	Cummins 6CTA8.3, 280 hp peak, 825 lb-ft
Transmission	Allison 6 speed
Armament	Rotating cupola mounted machine gun
Crew	1 Driver, 1 Commander, 2 Dismounts
Survivability	Protects against 360-degree small arms fire, anti-tank mines under any wheel, and artillery burst fragments overhead
Other Mission Equipment Options	
Add-on Armor	Option customer specification
Alternator	260 or 400 amp alternator
ABS	Option customer specification
NAV/GPS	Option customer specification
NBC Individual/Overpressure	Option customer specification

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