



HUMVEE®

COBRA

Technology Demonstrator

MONOCOQUE CONSTRUCTION / V-SHAPED HULL / HUMVEE ECV II COMPONENTS / AIR CONDITIONED

Driving the Force™

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Technology Demonstrator Specifications

Engine	GEP turbocharged diesel 250 hp 550 lb-ft	Performance Data	Turning radius – 26.5 ft. (7.62 m) Approach angle – 66° Departure angle – 53° Grade capacity – 60% Side slope capacity – 40% Fording – 40 in. (102 cm)
Transmission	Allison 2550 6-speed electronic automatic	Standard Features	Automatic Traction Control ATC Anti-Lock Braking System (ABS) Central Tire Inflation System (CTIS) Air conditioning Roof hatch Rifle clips All around vision blocks Battery Switch
Transfer Case	Model MP 2726 Ratios: High 1:1 / Low 2.72:1		
Front & Rear Differentials	Ratio 3.08:1 torque biasing		
Geared Hub	2.25:1		
Service Brakes	13" inboard mounted 4-piston power disc		
Parking Brake	Hydraulic actuated rear discs		
Alternator	200 amp, 24-volt (400 amp optional)		
Steering	Power assist 18.2:1 ratio		
Hull	High hard alloy steel monocoque design		
Suspension	Semi-Active Suspension (SAS), 4-wheel independent double A arms		
Tires	335/65R 225 load range G with runflat	Optional Kits	18,000 lb. (8,164 kg) electrical winch Add-on-Armor Amphibious kit NBC Protection Smoke grenade launchers Gun ports Windscreen de-ice system Fire suppression Night & day vision periscopes Intercom system Pioneer kit Search light Weapons station Gunners protection kit Spare tire & carrier
Wheels	22.5 in. x 9 in. 2-piece take apart, 5500 lb rating		
Vehicle Weights	Curb – 12,000 lb. (5,443 kg) GVW – 16,000 lb (7,257 kg)		
Vehicle Dimensions	Length – 205.9 in. (523 cm) Width – 89.8 in. (228 cm) Height (including lift shackle) – 87 in. (221 cm) Height with tires deflated – 83.5 in. (212 cm) Wheel base – 130 in. (330 cm) Track – 73.6 in. (187 cm) Front overhang – 27.9 in. (71 cm) Rear overhang – 37.6 in. (96 cm)		

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