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ASSURED MOBILITY VEHICLE



Oshkosh Truck, manufacturer of the world's most reliable tactical wheeled vehicles, is proud to offer the Bushmaster Assured Mobility Vehicle to U.S. forces. Developed over 7 years in Australia by ADI, the Bushmaster underwent five phases of reliability development testing covering more than 150,000 miles. It now has an enviable record of combat-proven service in Iraq and Afghanistan with the Australian Army, transporting troops and equipment throughout the theater while providing superior armored protection.

Available as a 4 x 4 and in a 6 x 6 variant, the Bushmaster features a solid platform for extreme adaptability in a range of combat support and tactical logistics applications. From a highly effective armored personnel carrier to an armored ambulance, Bushmaster's flexibility performs during peacekeeping missions or during the intensity of combat operations.

Up to 10 soldiers receive superior armored protection against land mines, mortars and small arms fire by the Bushmaster's exterior armor, and ergonomically designed seating and full-harness seatbelts provide interior protection to troops. Air conditioning maximizes crew comfort and minimizes fatigue. A high power-to-weight ratio, full-time four-wheel drive and fully independent coil spring suspension deliver exceptional on- and off-road performance.

This vehicle is transportable by C-130 aircraft or helicopter. It is capable of traversing a 60 percent grade and a 36 percent side slope with maximum cross-country load. It will travel at 65 mph on paved surfaces, and has an on-road cruising range of 500 miles.



GET THERE FIRST WITH THE BUSHMASTER

<https://truckmanualshub.com/> 4 and 6 x 6 variant, the Bushmaster can handle the toughest conditions and the heaviest towing challenges.



The ballistic-protected monocoque hull includes ballistic glass on all windows, providing situational awareness for troops within. The integrated V-shaped armored hull deflects blasts under the vehicle, while advanced wraparound seating and comfortable personnel harnesses provide protection from spinal and other injuries. The Bushmaster's design also helps deflect side blasts from improvised and roadside explosive devices. Bushmaster's fuel and hydraulic tanks are positioned outside the crew compartment, ensuring protection from secondary explosions or fires, and optional run-flat inserts provide mobility in the event of tire damage due to mine blasts. Plus, a dash-mounted central tire inflation system allows tire pressure to match varying terrain.

The Bushmaster shares parts commonality with other vehicles in theater, which facilitates rapid repair and support. Total life serviceability is ensured through Oshkosh Truck's proven approach to logistics support, reliable maintenance and repair work of vehicles worldwide. Bushmaster's superior design, including the ability to remove and refit the engine/transmission power pack in less than three hours, and Oshkosh Truck's sustainable logistics achieve a long and effective life cycle with minimal maintenance downtime.

Providing a high level of troop comfort and all-terrain agility, the Bushmaster Assured Mobility Vehicle uses unsurpassed off-road capabilities to rapidly transport battle-ready troops and equipment over any terrain and under any condition. Get there first with Oshkosh Truck.

BUSHMASTER ASSURED MOBILITY VEHICLE

Protecting troops while transporting them on the battlefield is critical for any commander. Bushmaster's combination of armored protection abilities, off-road capabilities and adaptability are unmatched. Using Oshkosh Truck's proven independent suspension system, the Bushmaster transports troops across hostile environments with impressive range and speed. Plus, utilizing a powertrain developed by Oshkosh Truck, the Bushmaster is easily supported by supply and logistics capability already in place throughout the world.

An assured mobility vehicle with the adaptability to command and control various missions, the Bushmaster is deployable in urban combat, reconnaissance and convoy security situations. Proven and comprehensive product support and engineer support ensure total life serviceability. Available in





BUSHMASTER

BUSHMASTER 4 x 4 ASSURED MOBILITY VEHICLE

Crew: 10, including driver

Axle Configuration: 4 x 4 fulltime

Weight (GVW): 33,070 lbs

Curb Weight: 26,455 lbs

Dimensions:

A Overall length: 282.8 in

B Width: 97.6 in

C Overall height: 105.1 in

D Track: 82.7 in

E Wheelbase: 153.6 in

F Front overhang: 53.3 in

G Rear overhang: 76.8 in

Total internal volume (useable): 395.5 cu ft

Total external volume storage (useable): 89.7 cu ft

Turning Circle curb to curb: 58.1 ft

Ground Clearance: Under hull 17 in

Speed: governed to 65 mph

cruise to 65 mph

Maximum Road Range (at gross vehicle weight): up to 500 miles

Fording: no preparation 47 in

Approach Angle: 40°

Departure Angle: 38°

Gradient: up to 60%

Side Slope: static 36%

Vertical Obstacle: 18 in

Engine: Caterpillar 3126E 7.2 liter, 6 cylinder turbocharged and air to air aftercooled diesel developing up to 330 HP

@ 2200 RPM and torque of 860 ft-lb @ 1440 RPM,

with self-diagnosis capability

Transmission: ZF 6HP502 ECOMAT G2 providing six forward speeds, one reverse and converter lockup, Allison MD 3066 (optional)

Transfer Case: Fabco TC170 1:1 single speed 50/50 transfer case with diff. and air operated diff lock. Ratio 1:1:1 reduction

Diff Locks: Air operated front, center and rear

Suspension and Axles: Arvin front, hydro-pneumatic rear

Steering: Shepard M110PEL1 power assisted

Brakes: Dual circuit air operated, outboard discs on all 4 wheels

Tires: Low MMP Michelin 395/85 R20 with bead locks

Central Tire Inflation System (CTIS): CM Automotive dual channel, 4 settings

Fuel Capacity: 82 gal + 5 gal (internal protected)

Electrical System: 24V DC, alternator 140 amp 24V (fully redundant), battery 2 bank dual configuration (4 X 12V) CCA 600 amps

Environmental: 18.8 hp cooling split front and rear systems and 8.1 hp heating

Protection:

Ballistic — exceeds STANAG 4569 level 1 - standard up to STANAG 4569 level 3 - option

FSP — up to STANAG 4569 level 5 - option

IED — high level of protection from monocoque hull - standard

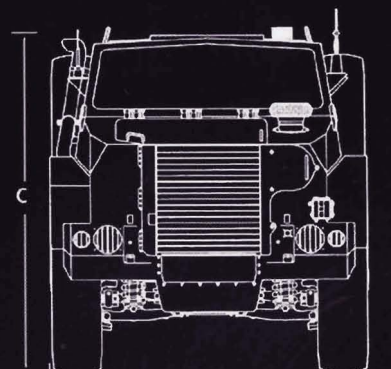
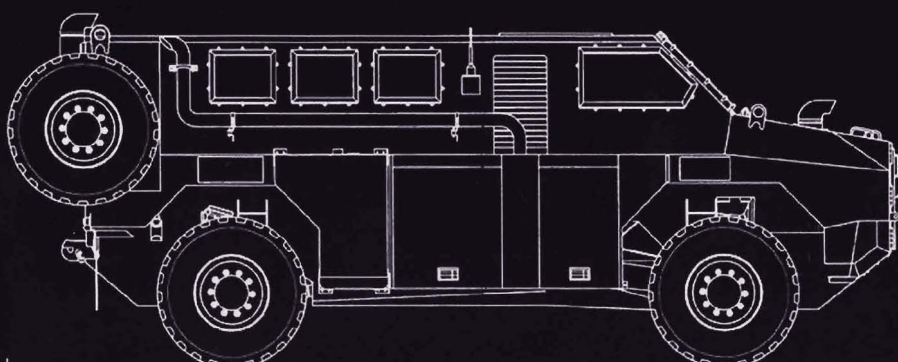
Mine — exceeds STANAG 4569 level 3 - standard

Spall Liner — option

Options:

- run flat inserts
- 10-ton hydraulic winch
- remote weapons station
- NBC/CBR
- 56 gal water tank
- swing mount

(6 x 6 Variant Available)



G

E

F

C

D

B

A



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