

LAV CSV – A

Combat Support Vehicle – Ambulance

Keeping pace with the LAV 6.0 fleet, the LAV Combat Support Vehicle - Ambulance has the same high level of protection and exceptional mobility capability as the baseline configuration, and can evacuate injured over all terrains across the operational spectrum.

The Ambulance variant is designed to carry a minimum crew of four and four litter patients with the capability to be field-modified from a 2-litter to a 4-litter internal configuration. The left side of the vehicle is equipped with a mechanized litter lift assembly while the right side of the vehicle is provisioned to allow the stowed litter rack and two additional litters to be rapidly installed, when required.

The internal volume provides headroom of 1.85m to conduct primary first aid and emergency life-saving medical procedures. The LAV CSV - A enables medical teams to provide prompt and protected medical treatment in transit, helping save soldiers' lives.



LAV CSV ... WHATEVER MISSION

LAV CSV - A is equipped with:

- Assisted stretcher lift for primary litter
- 4 ceiling mounted brackets for infusion fluid
- 2 rear seats in crew compartment for carrying out medical procedures while in transit
- Stowage for essential equipment
- Communication between Driver/ Commander and Crew
- Ventilation, heating and NBC protection
- Alternative egress routes

FEATURES AND SPECIFICATIONS

Size/Weight

Length	7.62 m
Width	2.78 m
Height	3.16 m
GVWR	28,636 kg

Performance @ GVW

Speed	100+ km/h
Range	600 km
Trench crossing	2.0 m
Vertical step	60 cm
Grade	60%
Side slope	30%
Turn diameter	<19 m

Power Train & Suspension

Engine	450 hp (335 kW) Caterpillar C9
Transmission	ZF 7-speed
Transfer case	1-speed
Differentials	Limited slip
Tires	395/85 R20 with run-flat

- 8-wheel, independent, hydropneumatic suspension with height control
- Full-time 4WD (rear); selectable 8WD
- Drum brakes with 8-wheel ABS
- Central tire inflation system

OPTIONS

Mission equipment provided

- AED (Automated External Defibrillator)
- Bag valve mask
- Blankets (emergency and normal use)
- Cervical and spine immobilization equipment
- Infusion fluid and giving sets
- Min 2000L oxygen
- Refrigeration storage
- Ventilator
- Vital signs monitoring

OPTIONS

Communication & Land Navigation

- Provisions per customer requirements

Protection Systems

- Revolutionary Double-V™ hull provides unparalleled mine/IED blast protection
- Energy attenuating seats
- Spall liner and scalable add-on armour kits

Fire Suppression

- HALON-free automatic and manual activation

Electrical System

- 24 volt, negative ground, MIL-SPEC system
- Belt-driven 570 amp alternator
- Dual banks of isolated batteries (automotive, auxiliary)
- Standard 500A slave receptacle
- LED interior/exterior lighting
- Optional battery charger & DC/AC inverter

Climate Control System

- Air conditioning
- Diesel-fired crew heater/engine preheat
- Fresh air ventilation

Battlefield Contaminants

- Chemical agent detector
- Individual ventilated respirators

