



Epochal Change for the Infantry: The ISV, a New Concept Vehicle Replacing the Iconic Humvee

Published on 22/08/2025

After nearly forty years of honorable service, the iconic Humvee gives way to a new generation of military vehicles. The **Infantry Squad Vehicle (ISV)**, a lighter, faster, and more economical vehicle, is becoming the new workhorse of the U.S. Army, marking a radical change in combat strategies.

This change is not coincidental. The evolution of warfare tactics, particularly the massive use of drones and robots, has made the heavy and cumbersome Humvees less suitable for modern scenarios. As the soldiers themselves emphasize, **the era of "agile combat" requires vehicles that can move quickly and evade threats from above.**



The heir of the Humvee: The American army focuses on agility and speed

A vehicle born for movement

The ISV is an agile off-road vehicle, **without doors and roof**, designed to efficiently transport up to nine soldiers. Its 2.8-liter, 186-horsepower Duramax turbodiesel engine allows it to **reach 100 km/h in just 15 seconds**, a significant improvement over the more than 20 seconds needed by the Humvee.

Its lightness is another crucial strength: the ISV can be easily transported by a helicopter, with **a single MH-47 Chinook able to carry two at a time**. This feature makes it ideal for rapid deployment operations, allowing troops to quickly reach the battlefield.



The heir of the Humvee: The American army focuses on agility and speed

Economical and easy to repair

Besides its performance, the ISV offers significant logistical advantages. Costing about 70,000 euros less than the Humvee, it is a much more affordable option. But it's not just the price that makes the difference. The ISV is designed for sustainability: **80% of its components are "commercial off-the-shelf"** (COTS), meaning standard parts also found on civilian vehicles like the Chevrolet Colorado.

This approach greatly simplifies maintenance and repairs. The ability to use easily obtainable spare parts reduces downtime and costs, allowing army mechanics to perform repairs directly in the field.

The ISV is not just a simple vehicle, but a symbol of the transformation the American army is undergoing, adapting to a future where speed and agility are crucial for survival.

ISV 9 WheelstandDownload

News link: <https://www.ausa.org/articles/rapid-transit-infantry-squad-vehicle-provides-battlefield-speed-agility><https://www.ausa.org/articles/rapid-transit-infantry-squad-vehicle-provides-battlefield-speed-agility>