

Hivan

The Hivan is a small van built with the intention of carrying passengers and/or cargo. It is manufactured by **Origin Motors Corporation**, a branch of [Origin Industries](#), starting in [YE 40](#), replacing the older [Itsavan](#).



About the Hivan

The Hivan was designed to perform myriad duties, ranging from carrying passengers, to carrying cargo, as well as a combination of both. It is a fairly simple design, utilizing simple systems in conjunction with old, but effective, technologies that allow it to perform its needed tasks extremely effectively and fairly efficiently.

Key Features

The Hivan has all the features of the [Itsavan](#) plus the following:

- Longer wheelbase for increased stability
- More cargo area
- Not nearly as ugly

History

The Hivan is essentially a new model year of the older [Itsavan](#), utilizing the same chassis and powertrain, with a few tweaks to make it more practical and capable. Despite having the same overall dimensions as

its predecessor, the Hivan has a longer wheelbase, granting it greater stability and a slightly higher top speed, as well as making it easier to enter and exit the front seats, additionally, the cargo area has been optimized for more storage capacity, and the overall design has been simplified for ease of manufacture.

Appearance

The Hivan is essentially a rectangle with a wedge at the front. The upper portion of the sides, front, and rear are windows, with a small stylistic flair at the rear near the wheel wells.



Statistical information

The Hivan is a small van made by [Origin Industries](#). It has the following statistical characteristics.

- Organization: [Origin Industries](#), Independent
- Type: Minivan
- Class: Personal vehicle
- Designer: [Origin Motors Corporation](#)
- Manufacturer: [Origin Motors Corporation](#)
- Production: 1,000,000 units/year
- **Price:** 4,000 KS

Capacities

- Crew: 1 driver is required
- Maximum Capacity: Up to 7
- **Passenger Capacity:** 6 passengers in addition to driver

Dimensions

- Mass: 1 ton

- Length: 3.5 meters
- Height: 2.3 meters
- Width: 2.0 meters

Capabilities

The Hivan isn't especially speedy, but can reach a reasonable pace given time.

- **Top speed:** 100 MPH
- Range: Up to 10,000 miles per tank of fuel for the fusion source, Land only.
- **Climb/Descent:** 40% grade
- Lifespan: Theoretically unlimited, the Hivan should be serviced any time the fuel source needs to be refilled.

Interior

The interior of the Hivan is largely the same as the older Itsavan, with nearly identical seating arrangement of a driver's seat on the front left, with a passenger seat next to it, two captain's style seats in the middle¹⁾ row and a large, three-person bench seat at the rear. All of the seats with the exception of the driver's seat can be folded down or removed entirely for increased storage space.

The interior is finished with an array of soft-touch plastic panels, and there are arm rests molded into the sides, as well as a basic metal dashboard that has displays to show the current speed, range, and other information on the vehicle's status, as well as controls for things like the headlights, turn signals, and windshield wiper.

The Hivan has airbags placed strategically around the vehicle, with at least one airbag dedicated to each passenger.

Systems and components

The Hivan has very basic systems and is a simple machine.

Power

The Hivan is an electrically driven vehicle, with a [HONEY Burst](#) in place of a battery or fuel cell. The Burst's fuel tank can power the van for roughly 10,000 miles before needing replenishment.

Computer and Electronics

The Hivan has a basic system computer which controls the functions of the vehicle, from generator output to motor speed, braking, as well as lighting and information. This computer is very small, but is essentially the heart of the whole system, regulating and controlling everything based on driver inputs. There is a network of electronics going through the body and frame of the Van, which have sensors for things such as temperature, position, and directional force which give the computer the information it needs to control the safety systems. as well, basic interior lighting is controlled by the computer via inputs from the driver and passengers.

Wheels

The tires are made of Silicone rubber with Durandium belting for strength. The wheels these tires are mounted to are made of polished Durandium.

Suspension

The Hivan uses the same independent suspension as the [Itsavan](#), which gives it a very smooth, comfortable ride, and helps the vehicle around corners. Independent suspension reduces body roll and helps to keep the tires planted firmly on the ground.

Communications

The Hivan contains a radio system which allows the user to hear any public channel. It also has a handset which allows them to call for help, or communicate with nearby people.

Cargo Capacity

The Hivan has a rear storage area which can store roughly 20 cubic feet of cargo. If the rear seats are all removed, the Hivan can store roughly 200 cubic feet of cargo.

Standard Equipment

The Hivan is a very basic van, but it has all the systems and equipment it needs to ensure a quiet, comfortable ride.

- Air conditioning system
- Lighted Cabin
- Cloth seating
- Available leather seating ²⁾
- Airbag safety system
- Radio

- Windows that roll up and down
- Sound and temperature insulation

OOOC Notes

[Kai](#) created this article on 2018/07/31 12:13. Approved by [Legix](#) on 2018/07/31 in its [approval thread](#).

1)

essentially the same as the front two seats

2)

an additional 500KS

From:

<https://wiki.stararmy.com/> - **STAR ARMY**

Permanent link:

<https://wiki.stararmy.com/doku.php?id=corp:origin:hivan>

Last update: **2023/12/21 00:58**

