

Cub Cadet

CUB CADET VOLUNTEER™ DETAILED COMPONENT SPECIFICATIONS



Engines

Cub Cadet Volunteer™ utility vehicles are powered by several engine configurations:

- 18 HP Kohler® Command®
- 20 HP Kohler® Command®
- 21.9 HP Yanmar®
- 31 HP Kohler® Aegis®

Engine Components

All Volunteer 4x4D and 4x4 EFI utility vehicles are equipped with a heavy-duty air filter. The Volunteer 4x2 has a dual element filter.



Radiator

The radiator on Volunteer utility vehicles is strategically angled under the hood, away from the impact zones of the vehicle. The radiator coolant reservoir is located under the hood.

Transmission

The continuously variable transmission (CVT) is a belt-driven system that is protected by a poly enclosure. The CVT breather is located under the passenger seat.



Shifting

The Hurst shifter has solid steel rods linked directly to the transmission to provide positive engagement. The transfer case has a cast-aluminum housing, and all gears are submerged in an oil bath for constant lubrication.

Differentials

4x4 Cub Cadet Volunteer utility vehicles are equipped with a Hilliard® front differential system. All Volunteers have a hand-operated mechanical rear differential.



4x4

All Volunteers are rear-wheel drive in 4x2. A 4x4 rocker switch in the dash sends power to the front wheels in 4x4 models. The rear differential lever locks the rear wheels together for maximum power.

Bed

The 14.4-cubic-foot steel bed is big enough to carry a pallet and deep enough to keep items inside during transportation. The bed is rubber isolated from the frame and has a gas shock, operator handle and pivoting tailgate for easy dumping.



* as rated by engine manufacturer



Frame

A thick robotically welded ladder-style assembly provides unsurpassed strength and durability.

Receiver

A 2" Class 1 rear receiver is standard on all vehicles. It is welded onto the frame and provides 140 lbs. of tongue support. An optional front receiver is available.

Suspension

All Cub Cadet Volunteers have a 4-wheel, fully independent suspension with dual A-arms and adjustable coil-over shocks for 8" of suspension travel.



Brakes

4-wheel, 8" hydraulic disc brakes with braided stainless steel lines provide secure stopping in all driving conditions. A hand-operated mechanical disc brake locks the vehicle in park position. The brake fluid reservoir is located under the hood.

CV Joints

Constant Velocity joints are located on each wheel with a protective rubber boot. A steel deflector is built into the frame/suspension to protect the boot from tears.



Storage

A glove box and under-seat storage tray are included to store smaller items and the cargo box can hold up to 1,000 lbs. for larger items.

Electrical Components

A 450 cold crank amp. battery is located below the operator seat. The electrical system also includes a durable alternator and automotive wiring system for reliable starts in all weather conditions.



Gauges

The dash contains an illuminated hour meter, low fuel light, over-temp light, low battery light, parking brake light and 12V port.



Wheels/Tires

The Volunteer 4x4 & 4x4D are equipped with steel rims and 25" trail tires. The Volunteer 4x4 EFI has steel rims and 25" dual-purpose tires. All rims have automotive-style, five-star configurations.

Styling

The Cub Cadet Volunteer utility vehicle is designed with progressive styling. The polymer hood is sloped for operator visibility and contains louvers for air intake.



Operator Comfort/Safety

Premium seats, three-point seat belts and a soft-touch steering wheel are also standard. Dual cup holders are located in the center console of utility vehicles with bucket seats.