

2017 MODEL INFORMATION



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MODEL NAME **MULE PRO-FX EPS**

MARKETING CODE **KAF820FHF**

Version: June 2017



MOST DEPENDABLE OUTDOOR PARTNER WITH THE LARGEST CARGO BED

Another model in the flagship MULE PRO Series, the three-seater PRO-FX offers the same combination of performance, durability, and comfort and convenience that made the MULE PRO-FXT the industry's most dependable outdoor partner. Its greater focus on cargo carrying performance distinguishes it from the six-seater PRO-FXT. Boasting the largest cargo bed in MULE history, the new MULE PRO-FX is the clear choice for customers who need to haul material for work or fun.

Serious Performance for Leisure and Work



CHASSIS

Largest cargo bed in class

- Over 20% greater cargo area than any MULE to date

Great cargo and towing capacity

- Cargo bed capacity: 453 kg
- Towing capacity: 907 kg

Lighter weight enables access to most weight-restricted areas

- The PRO-FX EPS has a dry weight of 791 kg

Bright headlights complemented by optional LED lamps

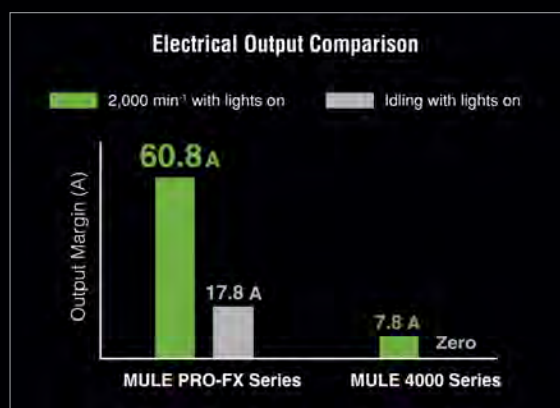
ENGINE

Highest-output MULE engine to date

- Power: 35 kW (48 PS)
- Torque: 65 N·m (6.6 kgf·m)
- Top speed: 72 km/h
- Torque power characteristics: Smooth, responsive power, especially at low speed

Excess generating capacity: Max 60.8 A

- Even with a popular sample complement of genuine accessories (requiring 46.9 A), there is still power left over



Durability

Built Tough

- From its frame and engine to its smaller details, the MULE PRO-FX is designed to take punishment and keep on going

Frame stiffness balanced for great handling

Simple, rugged styling

- Steel front guard



Comfort and Convenience

Doors equipped standard

- Helps keep mud out
- Easy to get in & out

EPS: Light steering at low speed, reduced kickback at high speed

Tilt-adjustable steering wheel



Large bench seat: Sits up to 3 adults

Double-wishbone suspension (F/R)

- Twin-tube shock absorbers, minimal roll offer high-level ride comfort

Low vibration

- Full rubber engine mounting

Numerous accessories



KAF820F (PRO-FX EPS)
powerful 3-cylinder gasoline engine, rugged wide-body chassis, plush double-wishbone suspension, roomy accommodation for up to three, and numerous versatility and convenience features such as EPS, tilt steering and coloured door decals.

SERIOUS PERFORMANCE FOR LEISURE OR WORK

The combination of a powerful In-Line Triple engine in a rugged chassis means that the MULE PRO-FX has the performance to take you and a couple of friends, family or work mates deep into the Great Outdoors. And with the largest cargo bed in its class, you can take more along with you.

Largest Cargo Bed in Class

If cargo capacity is your greatest priority, then the MULE PRO-FX is your partner of choice. Its cargo bed is the largest in MULE history, and the largest in its class, ensuring you can carry more, and carry it more easily.

- * Cargo bed dimensions are 1,375 x 1,355 x 280 mm. Its long, flat design makes it easy to load from three sides.
- * Cargo bed load capacity is 453 kg .
- * The cargo bed's flat bottom helps make an efficient use of space, and also facilitates securing items being carried. The bed is highly durable, made of t1.52 mm diamond-plate steel.



SERIOUS PERFORMANCE FOR LEISURE OR WORK

- * Gas-assisted tilting cargo bed facilitates accessing the engine. (Photo 1)



- * Cargo bed features a two-lever tailgate release system for easy opening and closing. The tailgate's blow-moulded design includes built-in cup holders (handy when the tailgate is down).

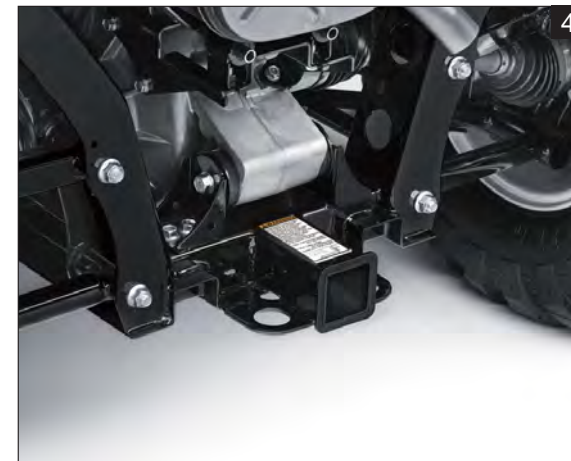
- * The cargo bed walls are designed with slots that can accommodate cargo dividers, allowing cargo to be separated and stowed more securely. (Photo 2)



- * 1" square pipes running along the top of the cargo bed side walls provide easy tie-down points for bungee hooks, and are compatible with the optional KQR accessory mounts (brackets that allow a toolbox or other items to be snap-mounted to the cargo bed rails). (Photo 3)



- * Additionally, the PRO-FX has a 907 kg towing capacity. Standard 2" tow hitch receiver is compatible with a wide range of accessory hitches. (Photo 4)



Stable, Wide-body Chassis

The MULE PRO-FX combines a wide-body chassis with a 2,345 mm wheelbase. This contributes to riding stability and comfort, while offering easy operability and manoeuvrability.

* Wide track (F: 1,385 mm, R: 1,315 mm) contributes to vehicle stability. The stable chassis platform is complemented by front and rear independent suspension that adds to ride comfort.

* Wheelbase of 2,345 mm enables a relatively short 4.8 m turning radius, which facilitates negotiating tight corners in the woods or on trail courses.
(Photo 5)



* The MULE PRO-FX's wheelbase and 265 mm ground clearance result in a favourable breakover angle (26°), which reduces the chance of bottoming out when cresting a ridge or riding over a fallen log.

* High approach and departure angles (78° and 64°, respectively) also contribute to the MULE PRO-FX's off-road performance. Minimising bodywork overhang (positioning the wheels as close to the bumpers as possible) reduces the chance of hitting the bumper or scraping the tail when going up or coming down steep slopes.

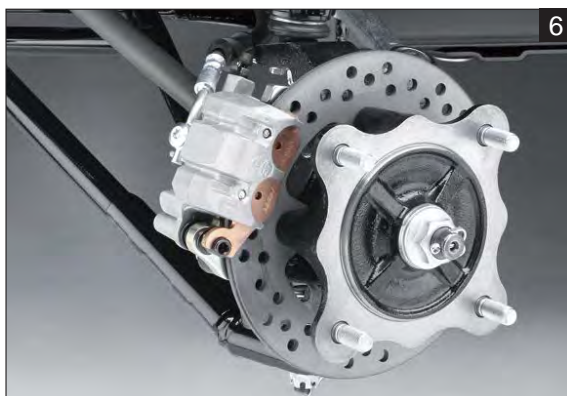
Lightweight Chassis

* The MULE PRO-FX EPS has a dry weight of 791 kg.

Hydraulic Disc Brakes

Front and rear disc brakes ensure strong, sure stopping power. The hydraulic disc system offers predictable performance, delivering brake power that matches input at the brake pedal.

- * Front discs measure $\varnothing 212$ mm and are gripped by two-piston calipers. Caliper piston size is $\varnothing 27$ mm. (Photo 6)



- * The rear discs, also $\varnothing 212$ mm, are slowed by single-piston calipers with $\varnothing 34$ mm pistons. (Photo 7)



- * Semi-metallic brake pads offer a balance between braking power and long life.

Large 26" Tyres

- * The MULE PRO-FX is equipped with 26" tyres on 12" rims. The large 26" radial tyres easily overcome obstacles, and contribute to the PRO-FX's excellent rough road handling.

Bright Headlights

- * Dual 55/60 W headlights cut a bright path through the dark for clear visibility on night rides.
- * Optional LED headlights (10.2/20.4 W) (available as accessories PRO-FX models), adding even more lighting power. (Photo 8)



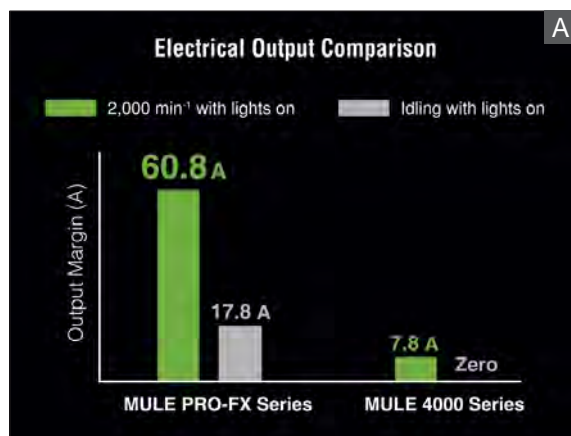
Powerful In-Line Triple Engine

The PRO-Series three-cylinder gasoline engine is the strongest power plant in the MULE fleet. It offers plenty of towing and carrying capacity for hauling cargo at work or outdoor supplies for weekend fun. And with a top speed of 72 km/h (45 mph), you can arrive at your destination earlier, and having more fun getting there.



- * Powerful, liquid-cooled, 812 cm³ DOHC, 4-valves-per-cylinder, fuel-injected In-Line Triple engine churns out 35 kW (48 PS) of power and 65 N·m of torque.
- * Ample low-end torque contributes to smooth, responsive power at low speed (16-25 kph), contributing to easy throttle control and greatly facilitating slow-speed manoeuvres.
- * The 812 cm³ displacement comes care of a 72.0 x 66.5 mm bore and stroke.
- * Taking into account coolant temperature, air intake temperature, throttle position, air intake pressure, vehicle speed and crankshaft angle, the fuel injection system (which uses a ø34 mm throttle body) automatically meters out the ideal amount of fuel for extremely stable power delivery – regardless of the conditions. And of course, setting adjustments are not necessary when changing altitude, idling adjustments are unnecessary, and starting is hassle-free.
- * With fuel injection, fuel delivery is instantaneous, contributing to predictable response for easy control.
- * CVT transmission ensures very smooth response, making the PRO-FX very easy to control. This wieldy handling is easily noticeable when driving with a trailer – especially so in reverse.
- * Dependable engine braking is reassuring when descending slopes, the smooth, stable feel of the engine braking enhancing rider confidence.

- * With many customers accessorising their vehicles, offering sufficient generating capacity to be able to power a number of genuine accessories was carefully planned for. The MULE PRO-FX generates over 60 A at $2,000 \text{ min}^{-1}$ with the lights on – well in excess of the 46.9 A needed for a popular sample set of accessory items (Illustration A)



- * 300-cell honeycomb catalyser and an O_2 -feedback circuit contribute to clean emissions.
- * Oil pan design features a deep wedge-shaped bottom to ensure that there is oil around the pump, even when riding in extreme terrain. Further, the filtered entrance to the oil pump is located on the bottom of the oil pan to help prevent air ingestion when the oil shifts.

Electrically Selectable 4WD & Rear Differential Lock

- * Electrically “selectable” 2WD/4WD and dual-mode rear differential system allow easy changing between drive systems to suit changing terrain and applications. (Photo 9)



- * Flipping the switches causes the systems to be engaged instantly, ensuring the rider has full control of when 4WD or the rear differential lock is activated.
- * Dual-mode rear differential provides maximum traction when in locked mode and minimises ground disturbance when unlocked.

Extended Riding Range

- * The 30 litre fuel tank offers the range to enable long forays into the Great Outdoors with the family or to easily allow campers and hunters to get deep into the bush and back.

DURABILITY

Kawasaki MULE side by sides are famous for their durability, and the MULE PRO-FX is no exception. Built to last, Kawasaki's newest flagship MULE model also looks tough thanks to its rugged styling.

Frame Stiffness Balanced for Great Handling

The MULE PRO-FX's rugged frame construction ensures great durability as well as superb handling.

- * The frame features a ladder-type construction and is built from square tubes of high-quality steel. The frame components are joined together using a combination of welds and bolts to achieve highly predictable chassis performance and high durability.
- * For high-load areas (like the suspension mounting plates), high-tensile steel was used.
- * After undergoing extensive stiffness balance testing, the frame offers a good balance between lateral and torsional stiffness. This delivers high durability while allowing just the right amount of chassis flex to be able to handle the shocks of off-road riding, ensuring a high level of ride comfort.



Built Tough

In addition to its tough engine and rugged frame construction, numerous features add to the PRO-FX's strong build.

- * Water-resistant engine backing plate, spark plug cover, CVT duct layout, and differential breather layout were all designed to minimise the ingress of water. Further, electrical components like the ECU and fuse case are located high on the vehicle in an enclosed container (under the hood) to keep them far from water and dust.
- * Front and rear wheel housings help keep mud, dirt and water from getting into the engine compartment and away from essential components.
- * Efficient air cleaner design, including a labyrinth layout, rubber seal and paper filter element, helps keep the engine free from dust.
- * Exhaust system is made of high-quality stainless steel for high durability.
- * The result of extensive testing, the PRO-FX's CV joint strength is top-level.
- * N7-grade CVT belt ensures top-level durability.
- * CVT case is fashioned from aluminium. The CVT driven cam and shaft are both plated with a hard chrome for long-lasting durability.
- * Propeller shaft uses a flanged oil seal and is enclosed in metal plating.
- * Large-gauge mounting bolts used at the A-arm pivots and suspension upper and lower mounts were chosen specifically for their contribution to suspension durability.
- * Fuel tank is positioned well away from the wheels to prevent it from being hit by flying debris, and features a guard for further protection.

Simple, Rugged Styling

Designed to reflect its tough construction and strong performance, the MULE PRO-FX features rugged, no-nonsense styling similar to that found on high-quality pickup trucks.



* Complementing its wide stance, the square form of the PRO-FX adds gravitas to its imposing physique.

* Steel front bumper adds to the tough looks. (Photo 10)



* Door decals are colour-matched to the bodywork, creating a design that flows more continuously from the front to the rear.

* Steel wheels with 26 inch tyres help add to PRO-FX EPS rugged performance and styling. (Photo 11)



* Pattern on the tyres contributes to the tough looks.



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* Clean dashboard design includes switches for the lamps, selectable 4WD, and rear differential lock. Five additional spaces for optional additional accessory switches have been prepared. (Photos 12-13)



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Digital Instrumentation

* Multi-function display built into the dash is standard on all models.

Features include:

- digital speedometer
- digital fuel gauge
- odometer
- hour meter
- clock
- dual trip meters
- 2WD/4WD indicator
- parking indicator
- water temperature warning indicator
- fuel injection warning indicator
- CVT warning indicator
- EPS warning indicator
- neutral indicator light
- reverse indicator light
- oil pressure warning light



* Seatbelt-use reminder lamp comes on for 8 seconds after the engine is started to remind the driver to buckle up. After 8 seconds, the lamp continues to flash if the driver's seatbelt is not fastened.

COMFORT & CONVENIENCE

Complementing the MULE PRO-FX's superb outdoor performance and Kawasaki's famous durability, these models also offer a number of comfort and convenience features to ensure that passengers are able to relax and enjoy the ride.

Doors Standard

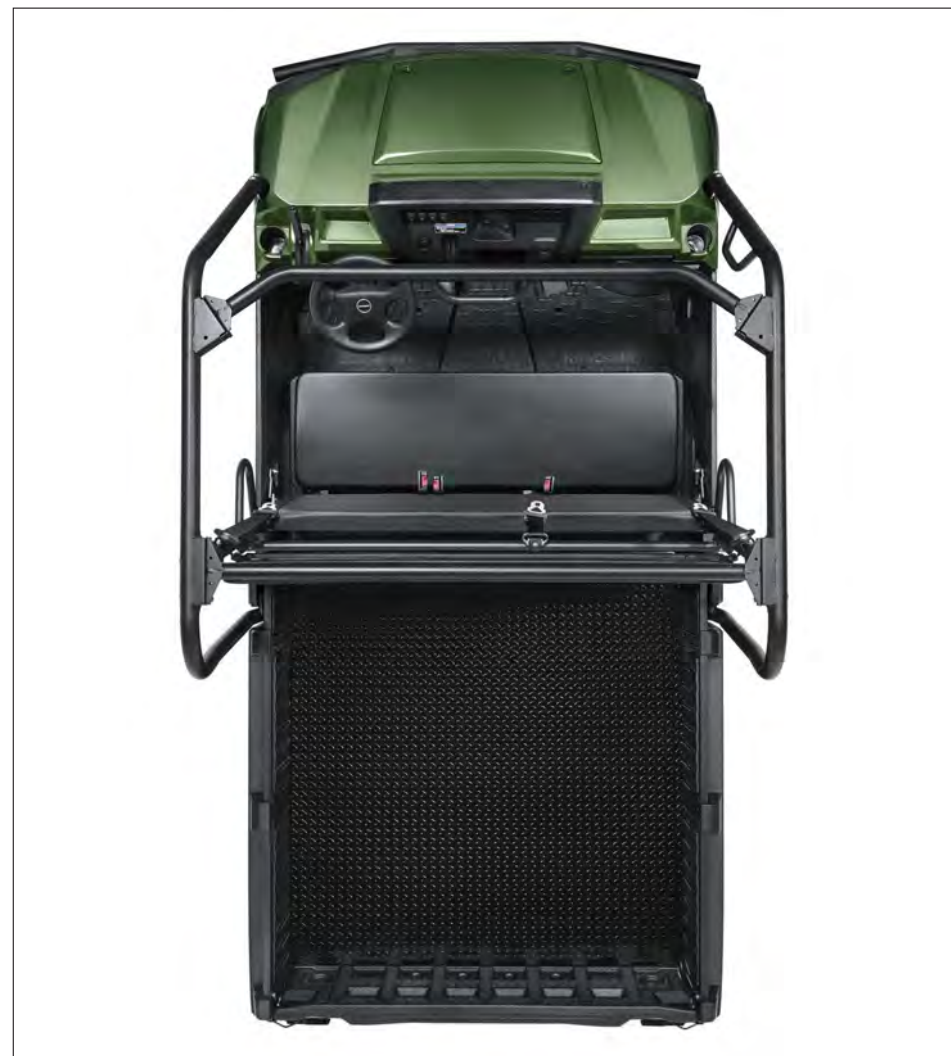
Doors are a standard feature on all PRO-FX models, contributing to enhanced comfort and convenience.

- * The PRO-FX comes standard with doors, offering a level of mud protection while facilitating getting in and out of the vehicle.
- * Simple latch mechanism facilitates opening and closing the doors.

Roomy Interior

The MULE PRO-FX's wide-body chassis enables a roomy interior space that offers the shoulder and legroom for three adults to comfortably sit side-by-side.

- * Seat material has superb elasticity, offering increased comfort and holding performance. The material is also resistant to cold, allowing it to maintain its suppleness when temperatures drop and reducing the chance of tearing/ripping when exposed to cold temperatures.
- * Handgrips for the passengers (integrated into the ROPS frame) contribute to comfort.
- * Each seating position is equipped with a three-point seat belt to ensure driver and passengers stay securely in place.
- * Shoulder guards integrated into the ROPS frame provide additional passenger security.



High-Level Ride Comfort

Great consideration was given to achieving a high level of ride comfort, for both driver and passengers. The MULE PRO-FX has low vibration, offers excellent bump absorption when tackling obstacles on the trail and runs quietly.

- * In addition to full rubber mounting for the engine, a thorough analysis of the rubber mount responsiveness was conducted to ensure engine vibration is kept to a minimum.
- * Torque rod helps minimise the tendency of the engine and rear gear case to roll when torque is generated by the engine.
- * Double-wishbone suspension is used both front and rear to enable each of the wheels to drive over obstacles with minimum effect on the chassis. (Photos 14-15)



- * Complementing the chassis flex, twin-tube shock absorbers provide excellent bump absorption and rough road handling performance.
- * Suspension settings help minimise chassis body roll to help provide a more stable ride for passengers.
- * Deflector shield behind the radiator, and dual-wall exhaust pipe with a sandwich-type heat cover help keep heat away from the passenger compartment.
- * Dual-wall construction of the silencer also helps keep exhaust noise to a minimum, so that passengers are able to converse in the cabin while riding.

Electric Power Steering

* Kawasaki's high-grade electric power steering (EPS) system works best when you need it most: at extremely slow speed and when stopped. Turning the wheel causes a signal to be sent to the EPS ECU, initiating assistance. The ECU uses input from a vehicle speed sensor and torque sensor to determine the amount of steering assistance required from the system's electric motor. At slow speed or when stopped, assistance is greatest; assistance is reduced as vehicle speed increases to ensure stable handling. (Photo 16)



- * The EPS system also enhances ride comfort and control by acting as a damping system. The inertia of the electric motor significantly reduces bump steer and kickback to the steering wheel caused by shocks to the wheels.
- * Since the system is electric, it works immediately, without the time lag sometimes associated with hydraulic systems that, when the engine is first started, require time to pump engine oil to the power steering system.
- * Because the EPS system does not rely on oil pumped from the engine, there is no engine power loss. Fuel efficiency is also uncompromised.

Tilt Steering

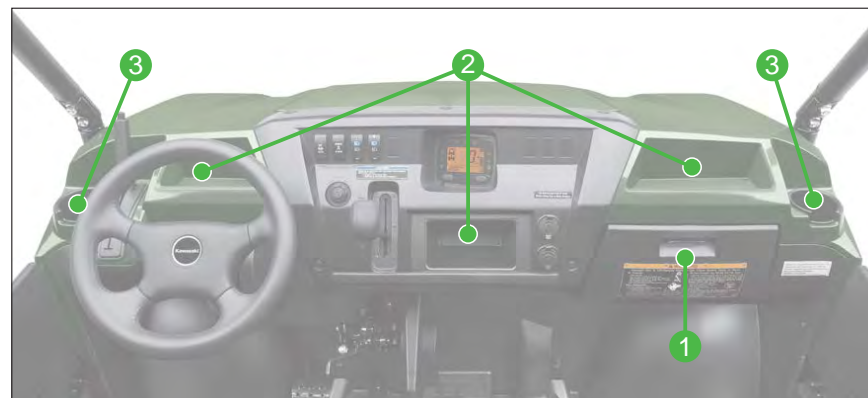
- * Steering wheel has a stepless range of approximately 40°, allowing drivers to set its position to suit their preference, as well as lift it out of the way to facilitate getting in and out of the vehicle. (Photo 17)



- * Thickly cushioned steering wheel (available on all models) contributes to comfort as well as the high-quality feel of the PRO-FX. (Photo 18)



Storage



- * Passenger-side glove box provides enclosed storage for small items. 1
- * Three dashboard pockets (left, centre, right) provide a handy place to put small items. The centre pocket is large enough to accommodate the accessory audio system. 2
- * Two drink holders are built into the bodywork in front of the dashboard. 3
- * Accessory storage bin can be fitted to the space under the front bench seat for convenient covered storage. (Photo 19)



DC Sockets

- * Two DC sockets integrated into the dashboard provide a power supply (up to 120 W) for accessory items or personal devices. (Photo 20)
See below for more details on the DC connectors.



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Parking Brake

- * Pulling the parking brake lever (conveniently located on the dash to the left of the steering wheel) activates the rear brakes to keep the PRO-FX from rolling away when stopped on a slope.
- * ECU features a fuel injection cut control that limits engine speed should the driver attempt to ride away with the parking brake still engaged.

Easy Maintenance Access

- * Front hood allows quick access to key electrical components like the ECU and fuse case. It also provides easy access to the radiator cap. (Photo 21)



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- * Quick-release maintenance cover (on the right side, below the ROPS C-pillar) allows easy access to check the oil level and air cleaner.
- * Engine is easily accessed by lifting the cargo bed.
- * CVT belt can be accessed without lifting the cargo bed, and may be changed without removing the rear suspension.

In addition to DC sockets provided standard, a number of additional power supply points are available for connecting accessories: - 1 connector behind the dashboard panel- 2 connectors under the left side of the bench seat and 1 connector under the cargo bed at the right rear.

- * Please note that the front and rear circuits are each limited to 120 W total. - Front: DC sockets + dashboard connector - Rear: DC sockets or under-seat connectors + cargo bed connector.




Numerous Accessories

* A complete complement of accessories is available on the www.kawasaki.com.au web site

- Hard top, plastic
- Full windshield, flip-up
- Half windshield
- Windshield wiper
- Windshield washer
- Hard cabin
- Soft top
- Soft cabin
- Rear 12V output (KAF820F)
- Audio system
- Beacon light
- Dome light
- Cargo light
- Horn
- Mirrors
- Center console
- Floor mats
- Seat covers
- Back-up beeper
- Brush guard
- Skid plates
- Front CV guard
- Rear CV guard
- Rear bumper
- Tail light guards
- Heavy duty springs
- Winch mount
- Hitch drawbar
- KQR accessory mount
- Rifle case mount
- Storage cover
- Under seat storage
- Bed extender
- Bed lift
- Cargo box
- Cargo dividers
- Cargo mat
- Front basket / hood rack
- LED headlight
- Extra lighting kit

STANDARD FEATURES

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Feature	KAF820F: EPS
EPS	<input type="radio"/>
Tilt steering	<input type="radio"/>
Hard top	Optional Accessory
Wheels	Steel 
Coloured door decals	<input type="radio"/> 
Optional Accessories LED headlights	

COLOUR(S)

KAF820F (EPS):

* Timberline Green



SPECIFICATIONS

KAF820FHF

ENGINE	
Type	Liquid-cooled, 4-stroke 3-cylinder, DOHC
Displacement	812 cm ³
Bore and Stroke	72.0 x 66.5 mm
Compression ratio	9.5:1
Fuel system	Fuel injection: ø34 mm x 1
Ignition	Battery & coil
Starting	Electric
Lubrication	Forced lubrication, wet sump
DRIVETRAIN	
Transmission	Dual range (high/low) CVT with reverse
Primary drive	Belt converter
Final drive	2WD / 4WD, shaft, Dual-Mode Differential
Primary reduction ratio	3.33 ~ 0.76 (belt converter)
Gear ratios:	
Forward (High)	1.803 (34/33 x 35/20)
Forward (Low)	3.580 (45/22 x 35/20)
Reverse	2.779 (21/17 x 35/20)
Final reduction ratio:	
Front	6.382 (31/17 x 35/10)
Rear	6.245 (31/21 x 55/13)

FRAME	
Type	Ladder type, tubular steel
Suspension: front	Double wishbone
rear	Double wishbone
Wheel travel: front	222 mm
rear (left, right)	217 mm, 220 mm
Tyres: front	26 x 9.00R12 4PR
rear	26 x 11.00R12 4PR
Caster (rake)	4.4°
Trail	-
Track (front/rear)	1,385 mm / 1,315 mm
Steering angle (left, right)	40° (IN) / 31° (OUT), 40° (IN) / 31° (OUT)
BRAKES	
Front brakes	Dual ø212 mm discs with two-piston calipers
Rear brakes	Dual ø212 mm discs with single-piston calipers
Parking brake	Dual discs (mechanical)

KAF820FHF

DIMENSIONS

Overall length	3,385 mm
Overall width	1,625 mm
Overall height	1,965 mm
Wheelbase	2,345 mm
Ground clearance	265 mm
Seat height	885 mm
Dry weight	791kg
Curb mass	824kg
Fuel capacity	30 litres

PERFORMANCE

Maximum power	35 kW {48 PS} / 5,500 min ⁻¹
Maximum torque	65 N·m {6.6 kgf·m} / 3,500 min ⁻¹
Minimum turning radius	4.8 m
Cargo bed load capacity	453 kg
Cargo box (inside) L x W x H	1,375 x 1,355 x 280 mm
Seating capacity	3
Maximum permissible load	740

The specifications mentioned here apply to and have been achieved by production models under standard operating conditions. We intend only to give a fair description of the vehicle and its performance capabilities but these specifications may not apply to every machine supplied for sale. Kawasaki Heavy Industries, Ltd. reserves the right to alter specifications without prior notice. Equipment illustrated and specifications may vary to meet individual markets. Available colours may vary by market.