# 2019 Model Information

## Model Name
- **MULE PRO-MX**

## Marketing Code
- **KAF700B**

Version: August 2018

Photos used in this Model Information generally depict the USA Specification KAF700C model.

## Table of Contents
- Concept and Advantages  ---- P.2
- Technical Details
  - Engine  ---------------- P.4
  - Chassis  --------------- P.6
  - Colour(s)  -------------- P.16
  - Specifications  --------- P.17
CONCEPT AND ADVANTAGES

MOST DEPENDABLE MIDSIZE OUTDOOR PARTNER

Kawasaki’s wide range of MULE models mean that there is a MULE for every job, no matter how big or how small. Smaller than the full-sized PRO Series models, and larger than the compact MULE SX models, the new midsize PRO-MX lineup complements the more work-focused MULE 4000 Series, giving customers another capable choice for farm, ranch or cottage duty. Strong engine performance from the fuel-injected 700cc Single is backed by Kawasaki’s trademark MULE performance, durability and comfort, and complemented by rugged no-nonsense styling inspired by the MULE PRO Series flagship models. Compared to the 4000 Series models, the PRO-MX models offer a higher top speed, and a wider tread and longer wheelbase, making them ideal midsize partners for both work and outdoor pursuits.
ADVANTAGES

MIDSIZE CHASSIS

Falling neatly in between the sizes of the three-seater MULE PRO-FX and compact MULE SX, the new MULE PRO-MX is ideally sized for those who feel that a full-sized UV is just too big, and that a compact does not offer sufficient room or capacity.

“Just Right” Size

Measuring 2,795 mm long and 1,525 mm wide, with a 2,005 mm wheelbase, the PRO-MX’s midsize package offers mobility and manoeuvrability that facilitate negotiating tight trails, while capably providing the carrying performance to make chores a breeze, or haul gear for a weekend in the Great Outdoors.

Short Turning Radius

Short 4.2 m turning radius makes it easier to negotiate tight corners in the woods or on trail courses.
**TECHNICAL DETAILS: ENGINE**

**ENGINE**

**700cc Single-Cylinder Engine**

In addition to offering plenty of towing and carrying capacity for hauling cargo at work or outdoor supplies for weekend fun, the highly reliable fuel-injected 700cc single-cylinder engine’s superior torque contributes to a fun-to-drive character and facilitates low-speed control.

* Strong, liquid-cooled, 695 cm³ SOHC, 4-valve, fuel-injected Single pumps out 33 kW (45 PS) of power and 58 N·m of torque.

* Ample low-end torque contributes to smooth, responsive power at low speed, contributing to easy throttle control and greatly facilitating slow-speed manoeuvres.

* 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 ø44 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.

* CVT transmission ensures very smooth response, facilitating vehicle operation.

* Dependable engine braking is reassuring when descending slopes, the smooth, stable feel of the engine braking enhancing rider confidence.

* Radiator designed to keep hot expelled air away from the passenger compartment.

* CVT duct layout, and differential breather layout were all designed to minimise the ingress of water. Further, the ECU is located high on the vehicle in an enclosed container (under the hood) to keep it 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 an intake located high up beneath the dashboard, a labyrinth layout, rubber seal and paper filter element, helps keep the engine free from dust.
**TECHNICAL DETAILS: ENGINE**

* Exhaust system is made of high-quality stainless steel for high durability.

* The result of extensive testing, the PRO-MX’s CV joint strength is top-level.

* N7-grade CVT belt – the same high-grade belt used on the flagship PRO Series models – ensures top-level durability.

* The CVT drive and driven shafts are plated with a hard chrome for long-lasting durability.

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**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 1)

* 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.

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**Abundant Riding Range**

* The 36 litre fuel tank offers the range to enable a long day’s work or to easily allow campers and hunters to get deep into the bush and back.

* 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.

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CHASSIS

Shinari-Tuned Frame

Shinari is a Japanese term that describes the elasticity that enables an object to bend without breaking and return to its original shape – similar to how a hunting bow or fishing pole behaves. Tuned for the ideal shinari characteristics, the MULE PRO-MX’s rugged frame construction benefits not only durability, but handling and ride comfort as well.

* 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 shinari tuning 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.

* 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.

A Balance of Composure and Manoeuvrability

Like the PRO Series models, the PRO-MX chassis design positions the wheels as close to the corners of the vehicle as possible. This contributes to overall handling performance, and minimises overhang. Its 2,005 mm wheelbase (longer than that of the MULE 4000 Series) contributes to smooth riding and comfort, while its neutral handling character contributes to the easy manoeuvrability offered by its midsize chassis.

* Wide tread (F: 1,322 mm, R: 1,285 mm) and low centre of gravity (595 mm) contribute to vehicle stability. The stable chassis platform is complemented by front and rear independent suspension that adds to ride comfort.
* Wheelbase of 2,005 mm yields a short 4.2 m turning radius, making it easier to negotiate tight corners in the woods or on trail courses. (Illustration A)
The MULE PRO-MX's wheelbase and 270 mm ground clearance result in a favourable 16° breakover angle, which reduces the chance of bottoming out when cresting a ridge or riding over a fallen log.

High approach and departure angles (67° and 63°, respectively) also contribute to the MULE PRO-MX'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. (Illustration B)

Double-Wishbone Suspension

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 2-3)

Complementing the flex of the shinari-tuned chassis, twin-tube shock absorbers provide excellent bump absorption and rough road performance.

Suspension settings, chosen for ride comfort, help minimise chassis body roll to help provide a smoother ride for passengers.
Strong, Reliable Brakes

* Front and rear disc brakes ensure strong, sure stopping power – especially when combined with the engine braking. The hydraulic disc system offers predictable performance, delivering brake power that matches input at the brake pedal. (Photos 4-5)

* Front discs measure ø212 mm and are gripped by two-piston calipers. Caliper piston size is ø30.2 mm. The rear discs, ø212 mm, are slowed by single-piston calipers with ø30.2 mm pistons.

* Pulling the parking brake lever (conveniently located under the dash to the right of the steering wheel) activates the rear brakes to keep the PRO-MX from rolling away when stopped on a slope.

Beefy 25” Tyres

* The MULE PRO-MX is equipped with 25” tyres on 12” rims. The large 25” radial tyres provide great off-road traction, ensure ample ground clearance and complement the rugged styling.

Substantial Cargo Bed and Towing Capacity

* Cargo bed dimensions are 847 x 1,119 x 232 mm, with a cargo bed load capacity of 317 kg.

* The cargo bed’s flat design makes it easy to load from three sides. The flat bottom also helps make an efficient use of space, and facilitates securing items being carried. The bed is highly durable, made of t1.6 mm diamond-plate steel. (Photo 6)

* Gas-assisted tilting cargo bed facilitates accessing the engine. (Photo 7)
* Cargo bed features a two-lever tailgate release system for easy opening and closing. The tailgate's design includes built-in cup holders (handy when the tailgate is down). (Photo 8)

* The cargo bed walls and tailgate are designed with slots that can accommodate cargo dividers, allowing cargo to be separated and stowed more securely. Thanks to the slots in the tailgate (a Kawasaki MULE first), cargo dividers can be arranged either laterally or longitudinally. (Photo 9)

* Carrier hooks (three per side) provide convenient tie-down points to secure cargo. (Photo 10)

* 1" square pipes running along the top of the cargo bed side walls and along the back of the bed (cab-side) 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 11)
**TECHNICAL DETAILS: CHASSIS**

* Additionally, the PRO-MX has a 680 kg towing capacity. Standard 2" tow hitch receiver is compatible with a wide range of accessory hitches. (Photo 12)

**Doors Standard**

* Like the MULE PRO Series flagship models, the PRO-MX comes standard with doors, offering a level of mud protection while facilitating getting in and out of the vehicle. (Photo 13)

* Simple latch mechanism facilitates opening and closing the doors.

**Roomy Interior**

The MULE PRO-MX's spacious interior offers ample shoulder, knee- and legroom, easily enabling two adults to sit comfortably side-by-side.

* Bench seat features contoured seating for both driver and passenger, contributing to the PRO-MX's superb comfort. (Photo 14)

* Seat material has superb elasticity, offering increased comfort. 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.
* Passenger handgrip (integrated into the ROPS frame) contributes to comfort.
* Both seating positions are equipped with a three-point seat belt.
* Shoulder guards integrated into the ROPS frame provide additional passenger security.

**Electric Power Steering**

*(all models except STD)*

* 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, tightening up the steering. *(Photo 15)*

* 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 31°, 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 16)*
**Technical Details: Chassis**

* New-design steering wheel offers excellent grip. Its thick cushioning contributes to comfort as well as the high-quality feel of the PRO-MX. (Photo 17)

**Digital Instrumentation**

* A multi-function display is built into the dash. Features include:
  - driving mode (2WD/4WD) indicator
  - digital speedometer
  - digital fuel gauge
  - clock
  - odometer
  - dual trip meters
  - hour meter
  - differential indicator lamp

**DC Socket**

* A DC socket integrated into the dashboard provides a power supply (up to 120 W) for accessory items or personal devices.
Storage

* 9.1 litres of storage are available under the front hood. The front hood also allows quick access to key electrical components like the ECU, and it also provides easy access to the radiator cap. (Photos 19-20)

* Storage bin (5.3 litres) located under the passenger’s seat offers convenient storage. A steel plate protects the storage bin from rock strikes. (Photo 21)

* Lockable passenger-side glove box provides enclosed storage for small items. ①

* Dashboard pockets and trays provide a handy place to put small items. ②

* Two drink holders are built into the bodywork in front of the dashboard. ③
Tough, Rugged Styling

Designed to reflect their tough construction and capable performance, the MULE PRO-MX models feature new styling inspired by the rugged, no-nonsense design of the MULE PRO Series flagship models.

* The PRO-MX's high-quality pickup truck-style bodywork is inspired by the PRO Series models, but its front-end design is what really gives it its strong family image. The grill design, functional bumper and guard, and headlamp-area were all inspired by Kawasaki's flagship MULE models.

* Steel front bumper adds to PRO-MX's tough image.

* The PRO-MX's overall size is not overwhelming, giving it an easy-to-use image.

* The front hood slants down to make it easier to see ahead, contributing to the easy-to-use feeling.

* The backswept design of the panelling around the headlamps is unique to the PRO-MX, contributing to an original design that suggests motion.

* New-design cast aluminium wheels on the EPS LE model contribute to a high-quality image. (Photo 22)

* Tyre pattern contributes to the tough looks.

* Clean, automotive-style dashboard design includes switches for the lamps, selectable 4WD, and rear differential lock.

* Four spaces (five in the case of the STD model) for additional accessory switches have been prepared. (Photo 23)
Compact Quad Headlamps

* Bright, compact 35 W outer headlamps are complemented by auxiliary LED inner headlamps* (19.2/9.6 W). The quadruple headlamps cut a wide, bright path through the dark for clear visibility on night rides. (Photo 24)

* The outer headlamps can be swapped with accessory LED headlamps to give the PRO-MX an even fiercer front face.

* Compact LED brake/taillights are built into the cargo bed side walls. (Photo 25)

Numerous Accessories

* Great care was taken to ensure good compatibility between the chassis and accessory hard cab components, resulting in excellent sealing performance – a great benefit in colder climates.

* Accessory audio system was designed to look built-in once installed in the dashboard.

* A complete complement of over 40 accessories is available:

  • Full windshield, fixed
  • Full windshield, glass
  • Half windshield
  • Roof, plastic
  • Roof, steel
  • Soft cab roof
  • Hard cab enclosure doors
  • Rear panel
  • Soft cab rear panel
  • Soft cab upper door
  • Headrest
  • Headrest mount kit
  • Rear view mirror
  • Heater, cab
  • Audio system
  • Dome light
  • Cabin harness
  • Rifle case mount
  • ATV TEK gun boot
  • Wiper kit
  • Windshield washer kit
  • Winches
  • Trailer hitch ball mount
  • Reducing bushing
  • 1 7/8” TRLR hitch ball
  • 2” RAILER hitch ball
  • 5/8” hitch pin, 2” bar
  • Snow plow
  • Cargo bed lift
  • Cargo bed light
  • Cargo bed light mounting kit
  • Cargo box
  • Bed extender
  • KQR accessories mount
  • Brush guard
  • CV guard set (front & rear)
  • Rear bumper
  • Skid plate set
  • Taillight guards
  • Heavy duty springs
  • LED headlight kit
  • LED light bar
  • LED light bar mounting kit
  • Beacon strobe light
  • Horn
  • Back up beeper
  • Floor mat
  • Bed mat
  • Seat covers
  • Camo gun boot cover
  • Camo storage cover
  • Black storage cover
COLOUR(S)

KAF700B (EPS):

* Timberline Green
### SPECIFICATIONS

**KAF700BKF**

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length</td>
<td>2,795 mm</td>
</tr>
<tr>
<td>Overall width</td>
<td>1,525 mm</td>
</tr>
<tr>
<td>Overall height</td>
<td>1,890 mm</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>2,005 mm</td>
</tr>
<tr>
<td>Road clearance</td>
<td>270 mm</td>
</tr>
<tr>
<td>Seat height</td>
<td>850 mm</td>
</tr>
<tr>
<td>Dry weight</td>
<td>-</td>
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<tr>
<td>Curb mass</td>
<td>720 kg</td>
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<table>
<thead>
<tr>
<th>ENGINE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Liquid-cooled, 4-stroke Single-cylinder, SOHC 4-valve</td>
</tr>
<tr>
<td>Bore and Stroke</td>
<td>102.0 x 85.0 mm</td>
</tr>
<tr>
<td>Displacement</td>
<td>695 cm³</td>
</tr>
<tr>
<td>Compression ratio</td>
<td>10.3:1</td>
</tr>
<tr>
<td>Fuel supply</td>
<td>Fuel injection (ø44 mm x 1)</td>
</tr>
<tr>
<td>Lubrication system</td>
<td>Forced Lub. Wet</td>
</tr>
<tr>
<td>Starting system</td>
<td>EL. Starter</td>
</tr>
<tr>
<td>Ignition system</td>
<td>Battery &amp; coil</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DRIVETRAIN</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Driving system</td>
<td>Primary reduction: belt converter</td>
</tr>
<tr>
<td></td>
<td>2WD/4WD: drive shaft</td>
</tr>
<tr>
<td>Transmission</td>
<td>2-sp automatic, rev.</td>
</tr>
<tr>
<td>Gear ratios:</td>
<td>3.486 (27/25 x 46/19 x 24/18)</td>
</tr>
<tr>
<td></td>
<td>6.646 (35/17 x 46/19 x 24/18)</td>
</tr>
<tr>
<td></td>
<td>5.311 (39/26 x 34/31 x 46/19 x 24/18)</td>
</tr>
<tr>
<td></td>
<td>0.791 ~ 2.451</td>
</tr>
<tr>
<td></td>
<td>4.375 (35/8)</td>
</tr>
<tr>
<td></td>
<td>4.375 (35/8)</td>
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<table>
<thead>
<tr>
<th>PERFORMANCE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. power</td>
<td>33 kW {45 PS} / 6,000 min⁻¹</td>
</tr>
<tr>
<td>Max. torque</td>
<td>58 N·m {5.9 kgf·m} / 5,000 min⁻¹</td>
</tr>
<tr>
<td>Max Towing capacity</td>
<td>680kg</td>
</tr>
<tr>
<td>Max. load on cargo</td>
<td>317 kg</td>
</tr>
<tr>
<td>Min. turning radius</td>
<td>4.2 m</td>
</tr>
<tr>
<td>Cargo box (inside) L x W x H</td>
<td>847 x 1,119 x 232 mm</td>
</tr>
<tr>
<td>Seating capacity</td>
<td>2</td>
</tr>
<tr>
<td>Max. permissible load</td>
<td>544 kg</td>
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**SPECIFICATIONS**

**KAF700BKF**

<table>
<thead>
<tr>
<th>FRAME</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Steel tube</td>
</tr>
<tr>
<td><strong>Suspension:</strong>* Front</td>
<td>Double wishbone</td>
</tr>
<tr>
<td>Rear</td>
<td>Double wishbone</td>
</tr>
<tr>
<td><strong>Wheel travel:</strong>* Front</td>
<td>218 mm</td>
</tr>
<tr>
<td>Rear</td>
<td>232 mm</td>
</tr>
<tr>
<td><strong>Steering</strong></td>
<td>KAF700B Rack &amp; Pinion with EPS</td>
</tr>
<tr>
<td><strong>Caster (Rake angle)</strong></td>
<td>5.0°</td>
</tr>
<tr>
<td><strong>Trail</strong></td>
<td>-</td>
</tr>
<tr>
<td><strong>Steering angle (Left, Right)</strong></td>
<td>40° (IN) / 30° (OUT), 40° (IN) / 30° (OUT)</td>
</tr>
<tr>
<td><strong>Tyre:</strong></td>
<td></td>
</tr>
<tr>
<td>Front</td>
<td>25 x 8.00R12</td>
</tr>
<tr>
<td>Rear</td>
<td>25 x 10.00R12</td>
</tr>
<tr>
<td><strong>Brake:</strong></td>
<td></td>
</tr>
<tr>
<td>Front Type</td>
<td>Hydraulic disc</td>
</tr>
<tr>
<td>Effect. dia</td>
<td>186 mm</td>
</tr>
<tr>
<td>Rear Type</td>
<td>Hydraulic disc</td>
</tr>
<tr>
<td>Effect. dia</td>
<td>174 mm</td>
</tr>
<tr>
<td><strong>Parking brake</strong></td>
<td>Auto adjust mechanical disc</td>
</tr>
<tr>
<td><strong>Tread (F/R)</strong></td>
<td>1,322 mm / 1,285 mm</td>
</tr>
</tbody>
</table>

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 New Zealand 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.
**KAF700BKF**

### ENGINE

<table>
<thead>
<tr>
<th>Type</th>
<th>Liquid-cooled, 4-stroke Single, SOHC 4-valve</th>
</tr>
</thead>
<tbody>
<tr>
<td>Starting</td>
<td>Electric</td>
</tr>
<tr>
<td>Lubrication</td>
<td>Forced lubrication, wet sump</td>
</tr>
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### DRIVETRAIN

<table>
<thead>
<tr>
<th>Transmission</th>
<th>Dual range (high/low) CVT with reverse</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary drive</td>
<td>Belt converter</td>
</tr>
<tr>
<td>Final drive</td>
<td>2WD / 4WD, shaft, Dual-Mode Differential</td>
</tr>
<tr>
<td>Primary reduction ratio</td>
<td>0.791 ~ 2.451 (belt converter)</td>
</tr>
</tbody>
</table>

### FRAME

| Type               | Ladder type, tubular steel                |

### BRAKES

<table>
<thead>
<tr>
<th>Front brakes</th>
<th>Dual ø212 mm discs with two-piston calipers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rear brakes</td>
<td>Dual ø212 mm discs with single-piston calipers</td>
</tr>
<tr>
<td>Parking brake</td>
<td>Dual discs (mechanical)</td>
</tr>
</tbody>
</table>