



Tractor Supply Company Product Catalog





The Mighty Mule Story

The Mighty Mule® brand was created over 30 years ago, when the founder grew weary of the inconvenience of getting in and out of his truck to manually open and close the gate of his Florida property. He decided to install an automatic gate opener on his gate and received quotes as high as \$4,500. Knowing that this technology was readily available, he set out to design an affordable gate opener that was easy to install and could be used in remote locations. Soon after, Mighty Mule was born!

Today, Mighty Mule is part of the Nice North America family. Nice provides Security, Home Automation, Access and Personal Safety systems and devices to residential and commercial customers. The Mighty Mule brand has grown, now offering a wide range of gate, accessories, and replacement parts as well as driveway alarm systems. They are designed for home, ranch, industrial and light professional applications. Recent innovations include smart gate and GDO that can be accessed from the Mighty Mule smart phone app.

Mighty Mule offers the “Do It Yourself” professional grade products that are affordable and easy enough to install yourself. All Mighty Mule gate and garage door openers meet and exceed all national and federal safety standards and are certified and listed to be in compliance with UL325, Latest Edition.

CONTENTS

Smart Capable Gate Openers - Single and Dual Gates	4
Non-Smart Gate Openers - Single Gates	6
Gate Installation	7
Solar Power	8
Driveway Alarm	9
Slide Gate Openers	10
Accessories	11
Frequently Asked Questions	14

SMART CAPABLE GATE OPENERS



SMART, SIMPLE, SMOOTH

Mighty Mule introduces a new line of smart gate operators – the first smart DIY automatic swing gate openers in the industry. These gate openers bring unrivaled convenience with smart features that allow control and monitoring from anywhere using your smart phone app.

Our Smart Gate Openers offer the latest innovative features while including Mighty Mule's legacy of DIY simplicity and rugged, reliable performance. And they are compliant with UL325, Latest Edition.

SMART

Control and monitor your gate from anywhere with the Mighty Mule app, your smart phone and with the MMS100 Wireless Connectivity System (sold separately). The MMS100 enables communication with gates that are installed up to 800m from your house – the greatest range in the industry.

SIMPLE

Mighty Mule Smart Gate Openers provide fast, easy installation. We provide you all of the standard installation hardware, manuals and how-to videos, and BILT® app 3D instructions to help you complete the job.



SMOOTH

Mighty Mule Smart Gate Openers provide reliability and solid, superb performance. Our products provide smooth, secure operation, soft start and stop, and fast, reliable gate operation – 40% faster than the previous models!

SMART CAPABLE GATE OPENERS



TS571W

SKU: 1429802

- For single gate operation
- Handles gates up to 18 feet in length and up to 850 lbs.
- 18-month warranty
- Battery not included, requires a 12 volt automotive type battery that produces a minimum of 250 cold cranking amps
- Includes: control box, remote with visor clip, transformer, mounting hardware, instruction manual



MM371W

SKU: 1429800

- For single gate operation
- Handles gates up to 16 feet in length and up to 550 lbs.
- 12-month warranty
- Battery not included, requires a 12 volt automotive type battery that produces a minimum of 250 cold cranking amps
- Includes: control box, remote with visor clip, transformer, mounting hardware, instruction manual



MM372W

SKU: 1429801

- For dual gate operation
- Handles gates up to 16 feet in length and up to 550 lbs.
- 12-month warranty
- Battery not included, requires a 12 volt automotive type battery that produces a minimum of 250 cold cranking amps
- Includes: control box, remote with visor clip, transformer, mounting hardware, instruction manual



All Gate Openers are Solar and HomeLink® Compatible. See page 8 for Solar details.

MMS100 Wireless Connectivity System

SKU: 1429805



Control and monitor your gate from anywhere using the Mighty Mule App on your smart device.

The MMS100 with the Mighty Mule App can control and monitor your gate operator up to 1/2 mile away from your home.



NON-SMART GATE OPENERS



Mighty Mule Automatic Gate Openers provide fast, quiet gate opening and closure from the comfort of your vehicle and the Mighty Mule Remote Transmitter. Our new Automatic Gate Openers offer a new, streamlined industrial design and quiet, fast and reliable performance with soft start/stop open and closure.

All Mighty Mule products are DIY simple with fast installation, simple instructions and how-to videos available. And they are compliant with UL325, Latest Edition.



MM271

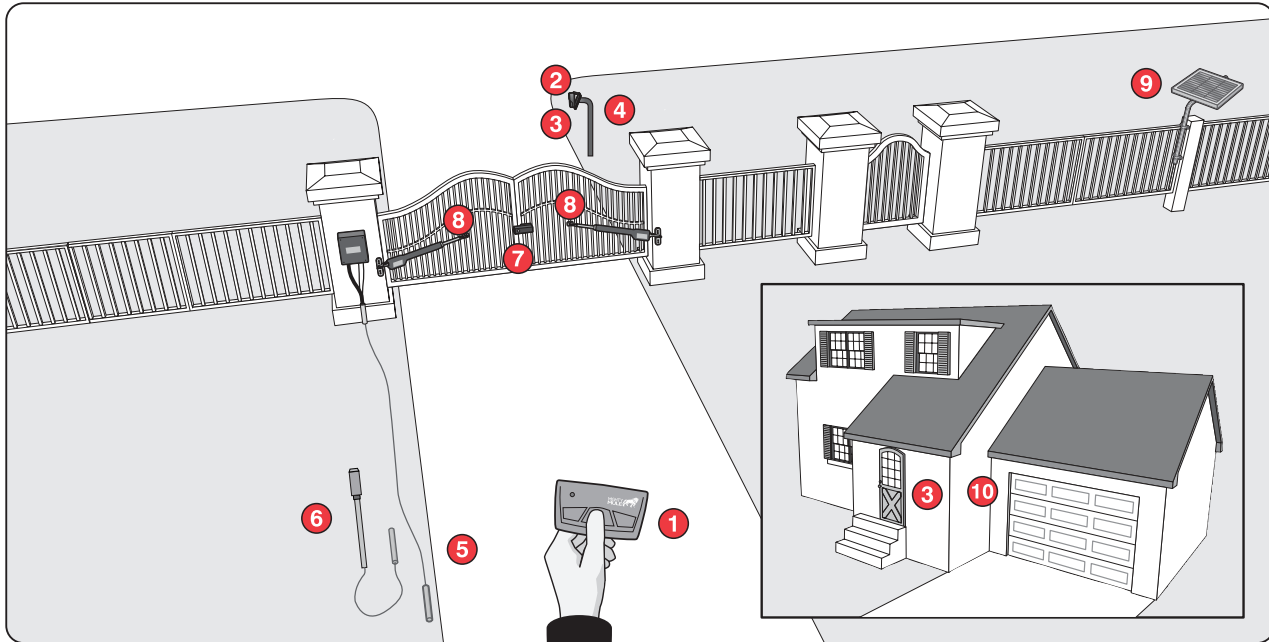
SKU: 1429759

- For single gate operation
- Handles gates up to 12 feet in length and up to 300 lbs.
- 12-month warranty
- Battery not included, requires a 12 volt automotive type battery that produces a minimum of 250 cold cranking amps
- Includes: control box, remote with visor clip, transformer, mounting hardware, instruction manual













All Gate Openers are Solar and HomeLink® Compatible. See page 8 for Solar details.

TYPICAL GATE INSTALLATION DIAGRAM



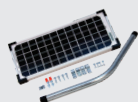
ACCESSORIES (Sold Separately)

- | | |
|--|---|
| <p>1</p>  <p>Three-Button Entry/Exit Remote (MMT103)
This is the standard three-button remote included in 7th generation operator kits. Includes a visor clip and a type 2032 battery.</p> | <p>6</p>  <p>Wireless Driveway Vehicle Sensor (FM130)
The wireless gate opening sensor offers hands free operation of the Mighty Mule Gate Opener. It features a wireless range of up to 30m from the gate and has a 12 ft. (3.7m) radius vehicle detection range. It is compatible with all Mighty Mule Gate Openers.</p> |
| <p>2</p>  <p>Digital Keypad (MMK200)
The digital keypad provides secure access to your property. It can be programmed to use up to 25 different personal identification number (PIN) codes. Temporary codes can be programmed to last from 1-7 days.</p> | <p>7</p>  <p>Automatic Gate Lock (FM143)
A MUST for added security. Locks and unlocks automatically as gates open and close. For use with Mighty Mule gate openers. Recommended for gates over 8 ft. (2.4 m) long. Ideal for high wind areas.</p> |
| <p>3</p>  <p>Wireless Intercom/Keypad (MM136)
This versatile digital wireless intercom with built-in keypad system is ideal for any residential application, alerting you of visitors and allowing you to grant permission for gate operator activation from the safety of your home. The intercom provides superior range with crystal clear two-way wireless communication up to 500 feet (152.4m) and can support up to three additional base stations (F3101MBC) to allow access from multiple rooms.</p> | <p>8</p>  <p>Pin Lock (FM133)
The Pin Lock is a substitute for the factory pin at the front mounting point of all models of Mighty Mule Gate Openers and the chains of the Mighty Mule Slide Gate Openers. Ideal for preventing theft of your Gate Opener and stopping unwanted access to your property. Dual gate openers require two pin locks for installation.</p> |
| <p>4</p>  <p>Keypad Mounting Post (FM100)
This black powder coated digital keypad mounting post is designed to provide convenient mounting of any Mighty Mule Keypad.</p> | <p>9</p>  <p>Solar Panel - 10 Watt (FM123)
The solar panel charging kit keeps your gate opener battery charged in remote locations. Includes a strong steel support mounting bracket and required installation hardware. It is compatible with all Mighty Mule Gate Openers.</p> |
| <p>5</p>  <p>Driveway Vehicle Sensor (FM138)
The gate opening sensor offers hands free operation of the Mighty Mule Gate Opener. Can be buried up to 50 feet from gate and has 12 ft. (3.7m) radius of vehicle detection. Compatible with all Mighty Mule Gate Openers.</p> | <p>10</p>  <p>Wireless Connectivity System (MMS100)
The required accessory to make your Mighty Mule Gate Opener "Smart". This WiFi module allows for communication (monitoring and control) of your gate opener from anywhere using a smart device. This system is compatible with Mighty Mule Smart Capable Gate Openers installed up to 1/2 mile from your home's router. WiFi is required for operation.</p> |

SOLAR

SOLAR PANEL KIT

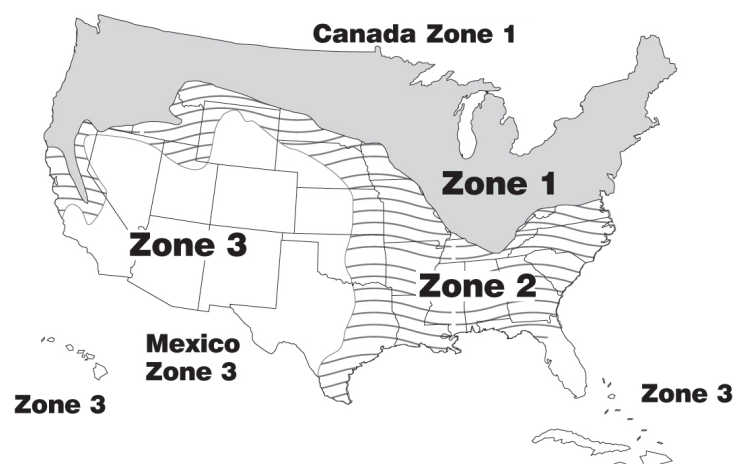
FM123 - 10 Watt Solar Panel Kit
SKU: 3609879



The 10 Watt Solar Panel Kit is an excellent option for charging your battery in a solar powered gate opener application. The solar panel kit includes a strong steel support mounting bracket and required installation hardware. It's ideal for applications lacking a power source at the gate opener installation site. It is compatible with all Mighty Mule Gate Openers.



SOLAR ZONES



Model #	Watts	Zone 1	Zone 2	Zone 3
MM271 MM371W TS571W MM571W SINGLE Gate Openers	10	8	16	26
	15	11	20	30
	20	14	28	38
	25	17	36	46
	30	20	44	54
MM272 MM372W MM572W DUAL Gate Openers	10	4	8	13
	15	7	13	20
	20	10	18	27
	25	13	23	34
	30	16	28	41

The table and map illustrate the maximum number of gate cycles to expect per day in a particular area when using from 10 to 30 watts of solar charging power.

NOTE: A maximum of 30 watts of solar charging power can be connected to the Mighty Mule Gate Opener. Consult Solar Panel Installation Instructions for further information.

All accessories backed by a 12 month Mighty Mule Warranty and technical support.

DRIVEWAY ALARM



THE WIRELESS DRIVEWAY ALARM

MODEL# FM231

SKU: 3608174

The Wireless Driveway Alarm provides a constant driveway monitoring system by detecting vehicles entering and exiting your driveway. When a vehicle passes through your selected area, the indoor base station alerts you with a chime. With DIY friendly technology this device can be used in multiple applications to provide peace of mind for your property and family. Also ideal for monitoring parked boats, RVs, motorcycles and ATVs.

Two AA batteries required (not included).

STANDARD FEATURES

- Electromagnetic technology detects vehicles entering and exiting driveway
- Functional reception range of up to 400' (122m)
- Indoor chime announces the arrival of vehicles in driveway
- Adjustable code settings eliminate the possibility of interference from neighbors' driveway alarms
- Does not detect people, animals or wind
- Indoor receiver can be mounted on a table or wall
- Multiple indoor receivers (FM231-R) can be added for more convenience
- Low battery indicator on the indoor receiver alerts you when the transmitter's batteries are low
- Remote requires two AA batteries (not included)
- 12 month limited warranty and Mighty Mule technical support



SLIDE GATE OPENERS

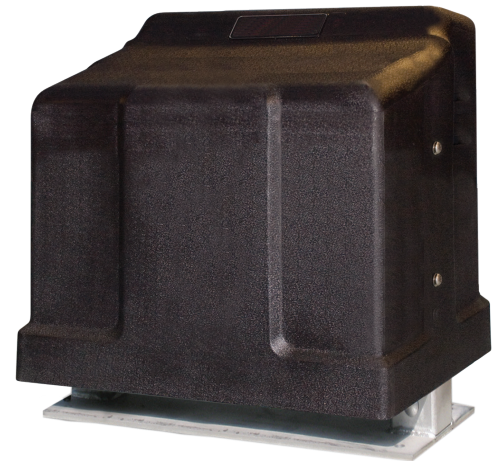


Mighty Mule slide gate openers are designed for higher cycles or heavier slide gates in single family residential applications. All systems include a battery backup, radio receiver, entry remote, AC transformer, and necessary mounting hardware. These systems are solar compatible and come with a 24 month limited warranty.

MMSL2000B

SKU: 1125165

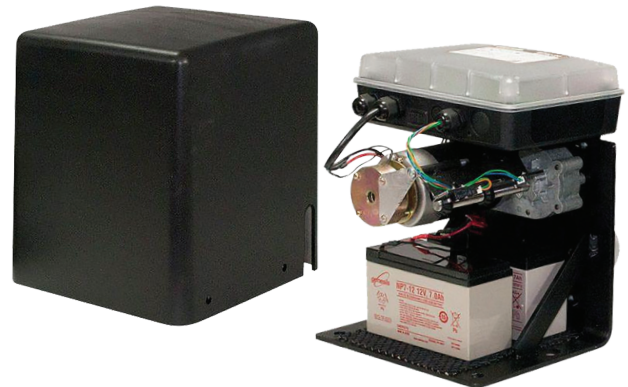
- Kit Contents: 1 single button access remote (FM135), AC transformer (RB570), 32' drive chain, radio receiver, all required hardware
- Post mount for easy installation, optional pad mounting plate available (SGMP)
- Up to 30' (9.14m) range
- Max. gate weight: 1000 lbs. (454 Kg)
- 24 month warranty
- Solar compatible
- Dual slide gate applications require the MM-SL2200B opener



MM-LPS13

SKU: 1125166

- Kit Contents: 2 single button access remotes (FM135), AC transformer (RB570), radio receiver, 2 batteries (FM150), 25' drive chain, and all required hardware
- Up to 24' (7.32m) range
- Max. Gate Weight: 650 lbs. (295 Kg)
- 18 month warranty
- Solar compatible



ACCESSORIES

ENTRY/EXIT

MMK200 - Digital Keypad for Gate Openers

SKU: 429804



The Wireless Digital Keypad is HomeLink® Compatible and provides secure entry or exiting to/from your property. It can be programmed to use up to 25 different personal identification number (PIN) codes. Additionally, temporary codes can be programmed to expire within 1-7 days.



MMS100 - Wireless Connectivity System

SKU: 1429805



Required accessory to make your Mighty Mule Gate Opener "Smart". Allows for communication (monitoring and control) of your gate opener from anywhere using a smart device. Compatible with Mighty Mule Smart Capable Gate Openers installed up to 1/2 mile from your homes router. Wi-Fi is required for operation.



FM100 - Keypad Mounting Post

SKU: 3608069



This black powder-coated digital keypad mounting post is designed to provide convenient mounting of any Mighty Mule Keypad.



MMT103 - 3-Button Entry Remotet

SKU: 1429803



This is the standard 3-Button Remote included in 7th generation gate opener kits. This remote is HomeLink® Compatible and includes a visor clip and a type 2032 battery.



FM133 - Pin Lock

SKU: 3605087



The perfect solution for additional enhanced security, the Pin Lock is compatible with any Mighty Mule Gate Opener. This lock is a substitute for the factory pin at the front end mount of Mighty Mule Gate Openers. It is ideal for preventing theft of your Gate Opener and stopping unwanted access to your property. Dual gate openers require two pin locks for installation.



FM143 - Automatic Gate Lock

SKU: 3605053



The Automatic Gate lock is ideal for any single or dual swing gate opener. It unlocks and locks automatically as the gate is activated to open and close, providing added security for Mighty Mule gate openers. Recommended for gate leaves over 8 ft. long, high wind areas or for additional reinforcement against unwanted intrusion into your property.



MM136 - Wireless Intercom/Keypad

SKU: 1354965



This versatile Wireless Digital Intercom Keypad System is ideal for any application. The intercom system alerts you of visitors at the entrance of your property and allows you to grant permission for gate opener activation from the safety of your home or workplace. The intercom provides superior range with crystal-clear two-way wireless communication up to 500 ft. (152.4m) and can support up to 3 additional indoor base stations (F3101MBC) to allow access from multiple rooms.



FM130 - Wireless Vehicle Exit Sensor

SKU: 3608166



The Wireless Gate Opening Sensor offers hands-free operation of your Mighty Mule Gate Opener. It features a wireless range of up 30.5m from the gate and has a 12 ft. (3.7m) radius vehicle detection range. Compatible with all Mighty Mule Gate Openers.



All accessories backed by a 12 month Mighty Mule Warranty and Technical Support.

For use with
Gate Openers



ACCESSORIES

ENTRY/EXIT

FM148 - Push-to-Open Gate Bracket

SKU: 3006241



Provide additional functionality to your gate system. Attaches the gate opener at the gate post at an angle which allows the gate to swing away from the property (rather than into the property). This metal bracket is ideal for sloping driveways, or where space prevents a gate from opening inward. Not compatible with the MM260, 271 or 272.



FM132 - Push Button Control

SKU: Special Order



Can be installed indoors or outdoors for convenient one-touch access. Adds convenience by allowing homeowner to open the gate for guests. Simple, affordable alternative to multiple transmitters or a mounted keypad option.



F3101MBC - Interior Residential Wireless Intercom

SKU: Special Order



Additional digital intercom that can be added to the MM136. Up to 4 (total) will work with each Exterior intercom/keypad unit.



All accessories backed by a 12 month Mighty Mule Warranty and Technical Support.

For use with
Gate Openers



ACCESSORIES

OPTIONAL AND REPLACEMENT

FM150 - Additional or Replacement Battery

SKU: 3602762



12-volt, 7.0 amp-hour, maintenance-free battery for Mighty Mule swing gate opener models. Also compatible with slide gate opener models MM-SL2000B, MM-SL2200B and MM-LPS series.



RB509-100 – 100' Low Voltage Wire

SKU: 100433699



Complete your gate opener system with the Mighty Mule 16 gauge low voltage wire. The low voltage wire can be used to install Mighty Mule Gate Openers and other accessories. UV treated, PVC coated makes this wire ideal for direct burial applications.

Longer lengths available:

RB509-250 - 250'

RB509-500 - 500'



R4222 - Photo Beam Sensors

SKU: 1063107



Provide your gate opener with added safety with Mighty Mule Photo Beam Sensors. Photo beam sensors help prevent the gate from closing when an obstruction is in the path of the sensors. These sensors can be installed inside or outside your gate with the included mounting hardware.

Low voltage wire **RB509** required for installation.



MMB200 – Battery Enclosure Kit



Outdoor rated battery enclosure and FM150 Battery. Mounts remotely and protects the battery for mighty mule gate operators. Includes 1 FM150 (12V 7aH) battery, accommodates up to 2 batteries. Designed to support MM371W, MM372W, and TS571 gate operators and others.*

*Mighty Mule gate operators MM271, MM272, MM371W, MM372W do not include the battery or enclosure. This item (or equivalent) is required.



MMTGB – Tube Gate Brackets



Designed for simple bolt on installation of Mighty Mule Gate Openers to tube style gate. Includes hardware for one single gate, dual gates require 2 bracket sets. Compatible with all Mighty Mule Gate Openers. No gate drilling is required.



All accessories backed by a 12 month Mighty Mule Warranty and Technical Support.

For use with
Gate Openers



FREQUENTLY ASKED QUESTIONS

WHAT IS A MIGHTY MULE GATE OPENER?

A Mighty Mule Gate Opener is a remote-controlled automatic gate opener system. It is the industry leading gate opener available for the “Do-It-Yourself” installer. Because it is battery operated and uses low voltage power, it is safe (no electrician needed), affordable, and easy to install.

IS THE MIGHTY MULE GATE OPENER EASY TO INSTALL?

Yes! Most installations can be completed easily in two to three hours. Dual gates will take slightly longer because two operator arms are required. All installations can be completed with tools commonly used by most homeowners. The Mighty Mule Gate Opener kit includes easy-to-read instructions and online installation videos. Our technical service team is available to answer any installation questions.

WHAT MAINTENANCE IS REQUIRED?

The longevity and performance of your gate system will be maximized if you take time to service your gate system. Check your gate monthly to inspect that the gate opener is moving freely through its complete range of motion and that the gate is level. This will ensure that the gate is not overstressing the gate opener. Check once a month to ensure the push-pull tube is free of any dirt/debris and spray with a good grade of “silicone” spray. Do not use an oil-based spray as this will attract sand and dirt.

WHAT HAPPENS IF THE GATE OPENER HITS SOMETHING?

All Mighty Mule Gate openers have built-in safety obstruction sensing which will cause the gate(s) to “Stop” and “Reverse” its direction for two seconds if it comes in contact with an object. If the gate comes in contact with the object twice before returning to its fully open or closed position, an alarm will sound for 5 minutes.

CAN I MANUALLY OPEN THE GATE?

Yes! Each opener arm is mounted to the brackets on the post(s) and gates with clevis pins and clips. By removing the pin and clip at the front end, the arm can be removed, and the gate can be opened manually.

HOW IS A MIGHTY MULE GATE OPENER POWERED?

All Mighty Mule Gate Openers are low-voltage systems with a 12 Volt battery backup system. This assures operation of your gate during a power outage. The battery can either be charged by the included power supply OR can be charged by the Mighty Mule FM 123 10-Watt Solar Panel (optional and not included).

WILL THE MIGHTY MULE GATE OPENER OPERATE DURING A POWER OUTAGE?

Yes. The number of cycles can vary depending on factors such as the type of gate, number of accessories added, and weather conditions if using the Mighty Mule 10-Watt Solar Panel (FM123) to charge the battery.

WHAT IS REQUIRED TO MONITOR AND CONTROL A MIGHTY MULE SMART GATE OPENER?

Purchase any of the Mighty Mule Smart Gate Openers for Single or Dual Gates (MM371W/372W, MM571W/572W) along with the Mighty Mule MMS100 Wireless Connectivity Kit and download the Mighty Mule Smartphone App to complete your smartphone-controlled gate experience.





CONTACT US

Sales and Application Questions
1-800-543-GATE (4283)

Technical Support
1-800-543-1236
Monday - Friday | 8am - 7pm EST
Saturday | 10am - 6:30pm EST

Troubleshooting Wizard
We offer troubleshooting guides
and solutions 24 hours per day,
7 days per week.

Download the BILT® app for easy
to follow 3D instructions.

To get started, visit:
www.MightyMule.com

