Marksman®

User's Manual

Model: M10

For Technical Assistance (800) 638-3600

For Fax on Demand Technical Assistance (800) 994-9977
(Must be a Registered Dealer to Use Fax on Demand System)

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Congratulations on your purchase of a quality Marksman automotive security and remote start system. The information enclosed will provide a ready reference of the operation and maintenance of your new Marksman security and remote start system.

Operation

Regular Transmitter Operation

Transmitter Button	System Function	Remark
🔒	Lock Doors and Arm System.	
🔒 2 Seconds	Lock Doors, Arm System and Turn On Paging Sensor.	Chirp Confirmation
🔒 - ◀X	Arm and Noiseless Mode.	Press within 3 Seconds.
🔒 - 🔒	Arm and Delete the Zone 1/Shock Sensor.	Press Twice within 3 Seconds.
🔒 - 🔒 - 🔒	Arm and Delete the Zone 4/Optional Sensor.	Press Third Time within 3 Seconds.
🔒 - 🔒 - 🔒 - 🔒	Arm and Delete the Zone 1/Shock Sensor, Delete the Zone 4/Optional Sensor.	Press Fourth Time within 3 Seconds.
🔓	Unlock Doors and Disarm System.	
🔓 2 Seconds	Disarm and Channel 2 (Trunk) Timer Control.	Press and Hold for 2 Seconds.
🔓 - 🔓	Two Steps Door Unlock and Disarm System.	Press Twice within 3 Seconds.
◀X	Silent Arming/Disarming	Ignition in "OFF" Position.
◀X - ◀X	Hidden Alarm Function.	
◀X 2 Seconds	Activate Car-Jacking.	Ignition in "ON" Position and Press and Hold for 2 Seconds.
◀)))	Car Locator.	
◀))) 3 Seconds	Panic Function.	Press and Hold for 3 Seconds.
✱ 1 Second	Activate Remote Start.	Press and Hold for 1 Second.
🚗	System's Status Check.	For M10RF-LCD Only.
🚗 2 Seconds	Channel 2 (Trunk) Timer Control.	Press and Hold for 2 Seconds.
🚗 - 🚗	Passive Arming By-Pass.	While the System Disarmed.
✱̄	Turn Off the Remote Start.	
Ⅱ	Switching Code for 2nd Car Operation or	For M10RF-LCD Only.

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Second Vehicle Transmitter Programming: (Random code transmitters does not have this feature)
Your 8-button remote transmitter can be utilized to control a second vehicle security system. To program the remote control transmitter to a second vehicle, follow the instructions for Transmitter programming. All programming parameters be the same except for the following:

1. Prior to pushing any button on the transmitter. Press the select (**Ⅱ**) button first.

2. Once the (**Ⅱ**) button is pressed the LED on the transmitter will illuminate for 3.5 seconds.

3. While the LED is illuminated, press any button on the remote control transmitter.

LED Display

LED	Function
Off	Disarmed
Slow Flash	Armed
Fast Flash	Passive Arming
On (Solid)	Valet Mode

LED	Function
1 flashes... pause	Zone 1: Trigger on-Board Shock Sensor
2 flashes... pause	Zone 2: Trigger on Trunk/Hood
3 flashes... pause	Zone 3: Trigger on Door Switch
4 flashes... pause	Zone 4: Trigger on Optional Sensor
6 flashes... pause	Zone 6: Trigger on Ignition Switch

Chirp Indicators

Chirp	Function
1 Chirp	Arm
2 Chirps	Disarmed
3 Chirps	Defective Reminder
4 Chirps	Disarm / Triggered
6 Chirps	Car Locator

Parking Lights

Parking Lights	Function
1 Flash	Arm
2 Flashes	Disarmed
3 Flashes	Disarm / Triggered
12 Flashes	Car Locator
Constant On	Under Remote Start

Alarm Operating Condition

	Siren, Horn	Parking Light	LED	Doors	Starter	Dome Light
1. Arming	1 or 3 Chirps	1 Flash	Slow Flash	Locking	Disable	
2. Disarming	2 or 4 Chirps	2 or 3 Flashes	Fast Flash	Unlocking		Turns on for 30 Seconds
3. Trigger	Alarming	Flashes	Slow Flash		Disable	Flashes
4. Panic	Alarming	Flashes				Flashes
5. Car-Jacking	Alarming	Flashes			Disable	Flashes
6. Car Locator	6 Chirps	12 Flashes				

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Active Arming (Lock and Arm)

1. Press (🔒) button on the transmitter.
2. The siren will chirp once and parking light will flash once indicating that the system is now armed. The vehicle doors will lock upon arming when interfaced with the security system.
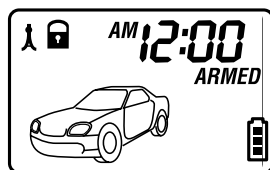
System Arm   Door Ajar   Trunk/Hood Ajar
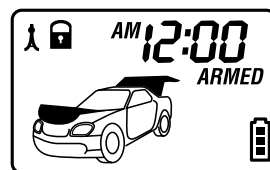
Defective Sensor Reminder:
If the siren sounds 3 chirps, then you have left a door, trunk, or hood lid ajar. (See feature "I-4 programming).

Silent Arming/Disarming:
Press the (◀X) button on the transmitter will arm or disarm your security system. No chirp sound will be heard, arm/disarm confirmation will be through the vehicle's parking lights only.

Noiseless Mode:
Press the (🔒) button once. The siren chirps once, The system is armed. Press the (◀X) button within 3 seconds. The siren chirps once again, the system is now in "Noiseless Mode". On this mode trigger the zone 1 shock sensor or zone 4 optional sensor the trigger timer will reduced from 60 seconds to 15 seconds. The noiseless feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next arming cycle.

Shock Sensor/Optional Sensor By-Pass:
1. Press the (🔒) button once. The siren chirps once. The system is armed.
2. Press the (🔒) button a second time within 3 seconds. The siren chirps once, the Zone 1/Shock Sensor is now bypassed.
3. Press the (🔒) button a third time within 3 seconds. The siren chirps twice, the Zone 4/Optional Sensor (connected to 4-pin plug) is now bypassed.
4. Press the (🔒) button a fourth time within 3 seconds. The siren chirps three times, the Zone 1/Shock Sensor and the Zone 4/Optional Sensor (connected to 4 pin plug) are now bypassed.
Note: The sensor bypass feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next arming cycle.

Hidden Alarm Function:
Press the (◀X) button first then press the (◀X) button within 3 seconds. the security system will arm and with "Hidden Alarm Function". The siren/horn will be silenced and parking light/dome light will not flash even if the sensors are triggered in the armed status.

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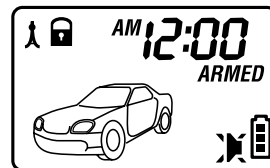
Active Arming (Lock and Arm)

Arming While Driving:(See Alarm Feature Programming Part 1-6)
Your system can be armed while driving the vehicle! Simply press (🔒) button for 2 seconds while the vehicle is running, or the ignition is on. the system will chirp once and then once more to indicate the ignition is on. The system will not respond to any input except the door trigger and the starter kill relay and ignition disable relay will not be activated. The system will disarm automatically when the ignition is turned off. The siren will chirp twice and the LED will stop flashing.

Passive Arming

Active arming/disarming is controlling your security system via the remote transmitter. This security system is equipped with an optional Passive Arming feature, which allows the security system to arm 30 seconds after the last door is closed. Operation is as follows:
1. Turn the ignition to the "OFF" position and exit the vehicle.
2. After all entrances are closed, the security system LED will flash fast for 30 seconds. If you reopen any door/hood/trunk, the security system LED will stop flashing. It will begin flashing again one the vehicle's entrances are closed.
3. After 30-second timer has elapsed, the security system will automatically "ARM". The siren will chirp (1) time and the parking lights will flash (1) time.

Passive Arming with Passive Door Locking:(See Alarm Feature Programming Part 1-2)
The vehicle doors will automatically lock after passive arming cycle has been completed.

Passive Arming By-Pass:
While the system disarmed, press the (🚗) button twice, the security will respond with (1) chirp and LED will turn "ON". The security system will remain in this temporally state for as long as you wish. To exit passive by-pass, press the (🔒) or (🔓) button and the system will return to normal status.
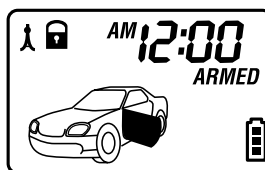
Active Disarming (Unlock and Disarm)

1. Press (🔓) button on the transmitter.
2. The siren will chirp twice and parking light will flash twice to indicating that the security system is now disarmed. The vehicle doors will unlock and dome light will turn on for 30 seconds upon disarming when interfaced with the security system.

System Disarm   Doors Trigger   Trunk/Hood Trigger   Shock Sensor Trigger

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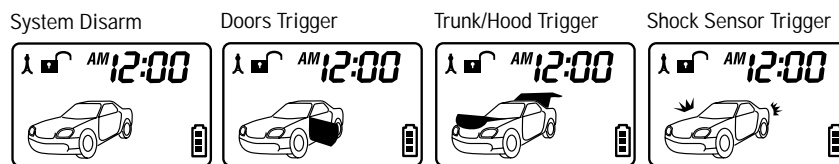
Active Disarming (Unlock and Disarm)

Optional Sensor Trigger   Ignition Trigger
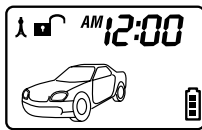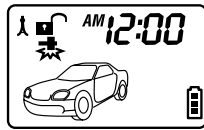
Tamper Disarming:
   If alarm triggered, upon disarm the system, siren chirp 4 times, parking light flash 3 times.

Pathway Illumination: (See Alarm Feature Programming Part 2-4)
   This feature turns the parking light "ON" for 30 seconds upon a unlock signal and for 10 seconds upon the lock signal.

Two Steps Door Unlock: (See Start Feature Programming Stage 1)
   This feature will independently unlock the driver's door only when disarming the security system. Pushing the (🔓) button a second time within 3 seconds will unlock the entire vehicle.

Automatic Re-Arm: (See Alarm Feature Programming Part 1-3)
   If this feature is selected, the security system will automatically re-arm itself 60 seconds after disarming with remote transmitter. Automatic rearm will cancel if any door is opened before the 60 seconds timer has elapsed.

Disarming Without a Transmitter

Override the Alarm:
   The override function may be used if the remote transmitter is lost or inoperative.
   1. Enter the vehicle and turn the ignition switch to "ON" position. (Alarm will sound).
   2. Within 10 seconds push and release the valet switch. The alarm will stop sounding and enter the disarm mode. You can now start and operate the vehicle normally.

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Valet Mode (System in Disarmed or Valet Mode)

The valet switch allows you to temporarily bypass all alarm function, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, all alarm function and remote start function are bypassed, however the remote panic feature and remote door locks will remain operational. to use the valet mode, the system must first be disarmed either by using your remote transmitter, or by operating the manual override sequence.
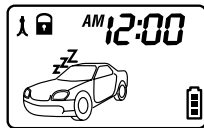
Remote Door Lock   Remote Door Unlock
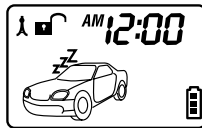
Enter Valet Mode:
  1. From the disarmed condition, turn the ignition to "ON" position.
  2. Push and hold valet switch for 2 seconds until the LED turns on. The LED will remain on as long as the system is in "valet mode".

Exit Valet Mode:
  1. Return to normal operation, turn ignition "ON".
  2. Push and hold valet switch for 2 seconds. The LED will turn off to indicate the system is exiting the valet mode.

Car Locator

Press the (◄)))) button to activate the car locator function. the siren will chirp 6 times. The parking light will flash 12 times, for you to easily locate your car.

Panic Function

Panic Function: (See Alarm Feature Programming Part 1-7)
  The transmitter can be used as a remote panic switch to manually trigger the alarm in case of emergency.
  1. Press and hold the (◄))) button for 3 seconds. The alarm will immediately sound.
  2. During panic mode, the normal function of this transmitter button will be suspended. The (🔒) and (🔓) buttons can be used to lock and unlock the doors (if the option is installed), however on the (🔓) button is pressed, the vehicle's starter disable device, (where installed) will be enable allowing the vehicle to start.
  3. To stop the alarm, press and hold the (◄)))) or (◄X) or (🔒) or (🔓) button on the transmitter again for 3 seconds. Also in any transmitter button other than the (◄))) or (◄X) or (🔒) or (🔓) button is pressed and released, the panic mode will be turned off immediately.
  4. If the button is not pressed, the alarm will automatically stop after 60 seconds.

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Trigger the System

When armed, your vehicle is protected as follows:
1. Light impacts will trigger the warn-away signal. A (3) long chirp from siren/horn.
2. Heavy impacts, doors open, hood open, trunk open/turn on the ignition key, activate PIR sensor, activate door/window sensor, will trigger the programmed sequence.

The starter disable relay (if installed) prevents the vehicle's starter from cranking. The siren, horn, parking lights and dome light will turn on to alert an intrusion for 60 seconds. It will stop automatically re-set and re-arm. If one the sensors or detectors are still active, the alarm system will sound a maximum of 3 times for 60 second cycles.
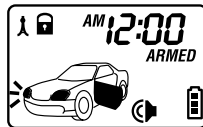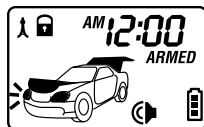
Doors Trigger   Trunk/Hood Trigger   Shock Sensor Trigger   Optional Sensor Trigger
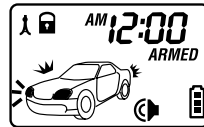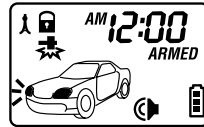
Ignition Trigger
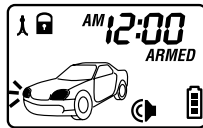
Noise Abatement Circuit:

Your system has "Noise Abatement Circuit". It prevents annoying repetitive trigger sequences due to faulty door pin switches or environmental condition such as thunder, jackhammers airport noise, etc.
Here's how "Noise Abatement Circuit" works: The alarm triggers five times. Each time, the same sensor or switch is triggering the alarm. "Noise Abatement Circuit" will interpret this pattern of triggers as false alarm. After the fifth trigger, "Noise Abatement Circuit" Ignores, or bypasses, that sensor or switch until the other sensor or switch is triggered.
Doors (hood/trunk) are covered by "Noise Abatement Circuit" differently: If the alarm is triggered by an open door for 3 full cycles (one minute of each cycle), the doors will be bypassed until the trigger ceases.

Anti Car-Jacking

Warning: If you don't need the car jacking function in this alarm system, be sure to set car jacking feature "OFF". This system is default setting all car-jacking "OFF". (See Alarm Feature Programming Part 1-5.)

Active Car Jack:
1. Press and hold (◀X) button on the transmitter for 2 seconds while the vehicle's ignition is ON. The parking light will turn on for 1.5 seconds to indicate this enter..
2. Once the system is armed, if you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is "ON".

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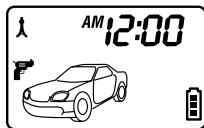
Anti Car-Jacking

Passive Car Jack:

It operate as below:

1. Turn the ignition switch to "ON", the system will arm.
2. Once the system is armed, if you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is "ON".

Trigger the Car Jack Mode:

3-timer circuits will function as follows:

First Timer:

A. 50 seconds after the system has been triggered, the siren will start chirping for 15 seconds.
B. During this 15 seconds period of chirping, you can push the valet switch once to turn off the car-jacking feature.
C. If not, it will enter second timer car jacking mode.

Second Timer:

65 seconds after the system has been triggered. The siren starts alarming and the parking light starts flashing.

Third Timer:

90 seconds after the system has been triggered:

A. The siren still alarming and the parking light flashing, and,
B. The starter disable will activate to prevent the vehicle from being re-started if turned Off.
C. It will remain active until the vehicle's battery power exhausted.

Override the System to Turn Off Car Jacking:

Turn the ignition switch form "OFF" to "ON", and within 10 seconds push valet switch, the siren will stop and the system disarmed.

Note: If you use password pin code to double protect the vehicle security, you will need to use it to completely disarm the system.

Dome Light Convenience Delay and Supervision

The alarm with a unique feature which will turn on your vehicle dome light as following:

1. Upon disarming, the interior lights will remain on for 30 seconds.
2. If the vehicle is intruded, the interior light will flash for the same duration as the siren.

Note: Turn on the ignition switch or arm the alarm will turn off the dome light.

Ignition Control Door Locks

Ignition Control Door Locks: (See Alarm Feature Programming Part 2-2)

If the vehicles door locks have been interfaced to the security system, the system will automatically lock the vehicle's doors when the ignition is turned "ON" and /or unlock the vehicle's doors when the ignition is turned "OFF".

Trunk Release/Timer Control Output

Trunk Release (Factory Default Setting) / Timer Control Output: (See Alarm Feature Programming Part 2-6)

Press and hold the (🚗) button on the transmitter for two seconds to remote control the trunk release or other electric devices.

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System's Status Check

When you want to check the system's present status thru the LCD screen, press the (🚗) button on the "Two Way LCD Screen Transmitter". With one melody sound, the system's status will be shown on the LCD screen.

Note: Press "SET" for 2 seconds with 2 beeps confirmation to clear the trigger icons of LCD screen.

Driver Paging (Optional)

If you installed the optional Paging (Knock) Sensor, it is useful in the event that someone wants to page the driver of the parked vehicle.

If someone tries to page you by tapping the paging (knock) sensor which is usually mounted on the bottom part of front window, the paging melody sound continues sounding from your Remote LCD Transmitter and "call" indication flashes on the LCD screen.
.
1. The function works only in arming status as well as press 🔒 for 2 seconds. It responds with chirps of the vehicle's siren, melody sound and "call" indication flashes on the LCD screen to confirm the function is on.
2. When tapping the paging (knock) sensor, one chirp sound shall be emitted from the vehicle.
3. Any time while the system arms again, the function will no longer be available.

Power Memory

This security system is equipped with circuitry that will allows the unit to remember its alarm state if the power is lost and then reconnected.

Remote Start Operation

WARNINGS: As with any product that performs automatic functions, there are certain safety precautions that you must practice and be aware of.
1. Keep the transmitter out of children's reach.
2. Do not leave anyone in the vehicle while running on remote control.
3. Alert servicing personnel that the vehicle can be started automatically.
4. Do not start the vehicle by remote while it's in an enclosed area or garage.
5. Always apply the parking brake and lock the vehicle as you exit the vehicle.
6. Should the unit malfunction, disconnect the fuse until the problem is corrected.
7. The use and operation of this system is the sole responsibility of the operator.
8. Some areas may have local ordinances that prohibit leaving a vehicle running on public streets.

To Remote Start Operation

When you want to start your vehicle:
1. Press (✸) button on the transmitter for 1 second.
2. The parking light will activate to indicate the remote start received the signal.
3. The engine will start approximately 5 seconds.
4. Once the engine is running, after couple seconds the parking light will turn on again and climate controls will activate and adjust the vehicle's interior temperature to your preset setting.
5. The vehicle will run for 5 to 30 minute cycle and automatically shut down.

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Remote Start the Vehicle

Melody sound from 2-way LCD Transmitter when remote start is activated.
Note: The remote start unit will not start the vehicle if any one of the
following conditions exists:
1. The hood is opened.
2. The brake pedal is pressed.
3. Move the optional remote start enable toggle switch to "OFF" position.
   (If installed)
4. The gear selector is in any gear other than "PARK" or "NEUTRAL".
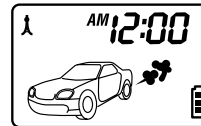
To Turn Off the Remote Start

When the engine is running (by remote start), if you want to stop it:
1. Press (✱) button on the transmitter.
2. Move the optional remote start enable toggle switch to the "OFF"
   position. (If installed)
3. Press the brake pedal.
The vehicle will shut down and turn off the parking light to indicate
engine stopped.

To Operate the Vehicle While Running on the Remote Start

To operate the vehicle while running on the remote start.
1. Insert the ignition key and turn it to "ON" (not the start) position.
2. Press the brake pedal.
Note: If the brake pedal is pressed before the key is in the "ON" position, the engine will shut down.

Temporary Stop Feature

This feature allows the vehicle to remain funning after the key has been removed from the ignition.
This feature is useful for occasions when you wish to exit and lock the vehicle for short periods of
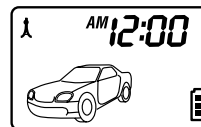time, but would like to leave the motor running and the climate control on.
1. Before turning off the engine, press the (✱) button on the transmitter and the LED indicator
   will flash 3 times to confirm enter.
2. Turn the ignition key to "OFF" position. (The engine will stay running.)
3. The engine will run until the pre-programmed time elapsed or shut down input is received.

Timer/Temperature Start

This unit can be programmed to start and run the engine every 3 or 24 hours. the engine will run
for the programmed run time and then shut down.
IMPORTANT: Timer Start should be used only in open area, never start and run the vehicle in on
enclosed space as a garage or carport.

3 hours timer start with temperature-control OFF: This feature is design for an extreme cold
climate usage. The system will auto start the vehicle every 3 hours, to prevent engine freezing and
hard to start. A MAXIMUM OF SIX CYCLES CAN OCCUR.

3 hours timer start with temperature-control: If you installed the optional Temperature Sensor
and programmed the temperature ON to operate. The system can be programmed to
automatically start the vehicle engine whenever the temperature inside the vehicle reaches or
drops below the preprogrammed temperature level. The system will monitor the air temperature
every 3 hours and will only start the engine during extreme cold temperatures. There are three
temperature level to choose from. (This feature is programmed "OFF" from the factory and must
be programmed ON to operate. (See Start Feature Programming Stage 1-7.)

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Timer/Temperature Start

24 hours timer start: This feature is design for a battery charge usage. When the car owner has a long vacation, he can use this feature to auto start the vehicle and charge the battery every day, to prevent a low battery.

Enter:
1. Press the (✱) button to remote start the vehicle. As soon as the vehicle is running and the parking light have turned on or flashing.
2. Immediately depress the (🚗) button once, within 2 seconds.
3a. 3 hour auto start: Rapidly depress the (✱) button once. The parking light will slash (3) times. The siren or horn chips (3) times. The vehicle is now programmed to start every (3) hours.
3b. 24 hours auto start: Rapidly press and hold the (❆) button once. The parking lights will flash (12) times. The siren or horn chirps (12) times. The vehicle is now programmed to start ever (24) hours.
4. Press the brake pedal to stop the vehicle running.
Exit the Timer Start: Timer start can be exited manually as follows:
1. Make sure the remote start system is not operating the engine.
2. turn the ignition "ON". the LED and parking light will flash (4) times. The horn chirps (4) times.
or
1. Press the (✱) button to remote start the vehicle. As soon as the vehicle is running and the parking light have turned on or flashing.
2. Immediately depress the (🚗) button then press and hold the (✱) button for 2 seconds. The parking lights will flash (4) times. The siren or horn chirps (4) times. The vehicle is no longer programmed to start automatically.
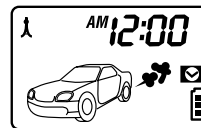
Temperature Check (Optional)

If you installed the optional temperature sensor, you can monitor, thru the LCD screen, the present indoor temperature of the passenger compartment before cooling or heating your vehicle.
Press the (🚗) and (🔊) button at the same time on the Two Way LCD Screen Transmitter", the in-door temperature and system's status will be shown on the LCD screen.
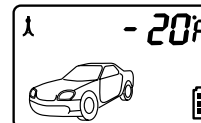
Shut-Down Input for Remote Starter

If any of the following conditions exist while the system is operating, the engine will not start or will shut down immediately
  1. The hood is opened.
  2. The brake pedal is pressed.
  3. Engine is over-revved. (Tachometer Checking Type Only)
  4. The pre-programmed run time is 5/10/20/30 minutes has elapsed.
  5. Transmitter button (❆) is pressed.
  6. Move the optional remote star enable toggle switch to OFF position (if installed).
  7. The vehicle refused to start running after (3) unsuccessful attempts.

Disabling the Remote Start System (If Installed)

This feature allows your system's remote start unit to be temporarily disabled to prevent the vehicle from being remote started accidentally. This feature is useful if the vehicle is being serviced or stored in an enclosed area. To disable the remote start, move the optional remote start toggle switch to the OFF position.

1-15-02 Rev. A   M10UM

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