

### **1. Purpose and Scope**

This Section governs the reduction in premium charges for private passenger motor vehicles and certain commercial vehicles equipped with anti-theft devices and vehicle recovery systems.

### **2. Eligibility**

This Section is applicable to private passenger types as defined in Section IV – Private Passenger Types of this Manual and commercial vehicles as defined in Section III – Trucks, Tractors and Trailers of this Manual which are registered with the Massachusetts Registry of Motor Vehicles and which have a gross vehicle weight of less than 10,000 pounds.

### **3. Coverages**

The discount is applicable to the Comprehensive coverage or other combination of specified perils which afford Theft coverage.

### **4. Discounts Applicable**

The following discounts are to be applied:

<b>Vehicles Qualifying for</b>	<b>Discount</b>
Category I	5%
Category II	15%
Category III	20%
Category IV	20%
Category IV, plus Category I	25%
Category IV, plus Category II	30%
Category IV, plus Category III	35%
Category V	25%
Category V, plus Category I	28%
Category V, plus Category II	32%
Category V, plus Category III	36%

### **5. Definitions**

As used in this Section, the following words shall mean:

“Passive device or system” describes an anti-theft device or system which is activated automatically when the operator turns the ignition key to the off position.

“Alarm,” except where otherwise specified, means horn, bell, siren or other sounding device which is audible at 300 feet.

“Tubular” describes a type of lock whose key is cylindrically shaped and which has at least 50,000 combinations.

“Electronic lock or keyless device” is an electronic coding device that has more than 10,000 combinations. The combination used to unlock the device can be entered through a keyboard or similar data entry device or by means of a remote control device.

## **6. General**

Stickers identifying the particular anti-theft system installed may not be attached to the car unless specifically permitted in these rules.

If two or more qualifying devices are attached to a vehicle, the total discount shall be that applicable to the device meeting standards for the highest discount. If one of the qualifying devices is a Category IV device, the applicable discount shall be calculated as stated in Item 4.

Insurers may require reasonable evidence of installation of any anti-theft device but may not refuse to grant a discount to a qualifying device solely on the grounds that it was installed by the owner of the auto.

### **Categories Defined**

#### **Category I**

Devices qualifying in this category receive 5% discounts.

##### **(a) Ignition or Starter Cut-Off Switch in Combination with Flush or Tapered Door Lock Buttons**

This device is an ignition cut-off switch (sometimes called a “kill switch”) or a starter cut-off switch which is inserted into the ignition wiring of an auto. The switch is tripped upon leaving the auto and must be switched back in order to start the auto.

The switch must be installed so that it is not visible from the driver's position when the driver is seated. In addition, the vehicle must contain flush or tapered door lock buttons on all doors.

A sticker may identify the presence of this system.

**(b) Ignition or Starter Cut-Off Switches**

Such ignition or starter cut-off switches either must be designed so that the wires leading from the switch to the engine compartment are protected by armored tubing or cable, or operate passively.

**(c) Non-Passive, Externally-Operated Alarm**

This is a non-passive warning alarm which is installed in an auto and can be set to go off if any door, the trunk or the hood is opened without first turning off the alarm by use of a key inserted in a lock mounted on the outside of the auto.

**(d) Steering Column Armored Collar**

This is a device similar to an oversized padlock which clamps on the steering column over the ignition lock and prevents access to it. This device, upon being locked, prevents the vehicle from being started, or if the auto is hot-wired and started, the device prevents it from being steered. No part of the device, when not in operation, is attached to the steering column. A sticker may identify the presence of this device.

**(e) Steering Wheel Removal Lock**

This device prevents steering movement of the vehicle from a parked position. This is a high security steering wheel lock assembly manufactured of hardened steel components, which allows removal of the steering wheel from the vehicle. The assembly is permanently attached to the vehicle's steering column and is located between the column and the steering wheel. Operation of the lock is controlled by a high security configured key. Unlocking the assembly will permit removal of the steering wheel from the vehicle. A fitted security plate is then inserted onto the lock assembly in place of the steering wheel and the lock's security key is then removed. Re-attachment of the steering wheel onto the lock assembly requires use of the security key to first remove the fitted security plate and then to attach the steering wheel. The security key can be removed from the lock assembly only after either the security plate or steering wheel has been locked into place.

## **Category II**

Devices qualifying in this category receive 15% discounts.

### **(a) Non-Passive Fuel Cut-Off Device**

This is a shut-off device which operates to block the fuel line when a switch is tripped or when the device is engaged by a key. The switch to open or shut off the fuel line must be well hidden from view.

### **(b) Non-Passive Steering Wheel Lock**

This device prevents the steering wheel from turning. A steel collar and barrel, into which the shackle of a lock fits, are permanently attached to the steering post. The shackle, made of case-hardened alloy steel, fits over the steering wheel spoke and into the barrel. A tubular key operates the lock. The collar, barrel and shackle must resist cutting with a file. A sticker may identify the presence of this system.

### **(c) Armored Cable Hood Lock and Ignition Cut-Off Switch**

This system is one which meets all the criteria of Section (5.4)(f)(1) except paragraph (a). Armor must be similar to that used in outdoor telephone booths; it must extend through firewall and be secured so as to prevent retraction.

### **(d) Window Identification System**

A window identification is one in which identification letters and/or numbers are etched by sandblasting, chemical process or other permanent marking into all the windows of the vehicle other than the small vent window.

Provision must be made for immediate telephone identification of the owner of the vehicle any time of day or night.

A sticker may identify the presence of this identification system.

### **(e) Emergency Handbrake Lock**

This device prevents the release of the emergency handbrake. The lock replaces the handbrake grip, and is permanently attached to the handbrake lever. The lock encasement must be all metal construction. The lock is released by entering a preset digital combination. A sticker may identify the presence of this device.

**(f) Car Transmission Lock**

The device prevents the vehicle from moving from a parked position by locking the gear shift. A steel encased lock is permanently attached to the floor of the vehicle by a steel stand. The shackle, made of case hardened alloy steel, fits around the gear shift and is inserted into the lock. The device must have a high security locking system with at least 50,000 combinations. The lock, shackle and stand must resist cutting and filing.

A sticker may identify this system.

**Category III**

Devices qualifying in this category receive 20% discounts.

**(a) Passive Alarm System** - This is an alarm system meeting the following criteria:

- (1) Ignition must be cut off automatically, or starter must be disabled automatically.
- (2) Alarm must be triggered by entry of doors, hood or trunk.
- (3) Hood must not open unless unlocked from inside the vehicle by a key, or by an electronic keyless device.
- (4) Alarm must sound for no more than eight minutes, and upon ceasing to sound, must reset itself.
- (5) Alarm must not emit a pulsating, whooping, or yelping sound which would cause it to be mistaken for the modern police, fire or other emergency vehicle siren.
- (6) Alarm must be installed in the engine compartment so as to be inaccessible without opening the hood.
- (7) The system must be engaged passively by turning the ignition key to the off position. To disarm the system a tubular lock or electronic keyless device must be used. The maximum time delay permitted to disarm the system after re-entry is twenty seconds.

**(b) Passive Fuel Cut-Off Device**

This fuel cut-off device is engaged by turning the ignition key to the off position. The driver must trip a switch to open the fuel line each time the car is started. This device must meet the following criteria:

- (1) The fuel line must be blocked when the power is off.
- (2) The switch to open the fuel line must be well hidden from view, but accessible to the driver from the driver's seat. In the alternative a tubular key or an electronic keyless device may be used.
- (3) A parking/service attendant override switch may be provided. It must be well hidden from view. It must not be accessible from the passenger compartment; alternatively, if the override switch is accessible from the passenger compartment, a warning buzzer must sound (or the operator must be distracted in some other way) while the engine is running and the override switch engaged. If the buzzer is disconnected, it must result in disconnection of the entire anti-theft system.
- (4) Any under-the-dash wiring installed in connection with this device must blend in color with factory-installed wiring.

**(c) Armored Ignition Cut-Off Switch**

This device is a kill switch designed to resist tampering. To prevent hot-wiring of the auto, a protective cap is attached to the coil or starter solenoid. Such devices must meet the following criteria:

- (1) Armored cable must run from a separate key to the coil, starter solenoid, or other engine component. Such cable must be similar to that used in outdoor telephone booths, collapse when cut, and preclude quick reconnection of the cut wire inside; alternatively, some other effective means of preventing defeat of the system by cutting the armored cable must be employed.
- (2) The device must prevent hot-wiring of the car.
- (3) A separate lock must be of tubular type and must be installed inside the auto so as to facilitate use by the driver; alternatively, an electronic keyless device may be used in lieu of a lock if it does not take significantly longer to engage the device than it takes to remove a key from a lock, and use of the system is otherwise facilitated.

**(d) Passive Multi-Component Cut-Off Switch**

This device is a kill switch activated when the ignition key is turned to the off position. It is designed to prevent hot-wiring of the auto. Such device must meet the following criteria:

- (1) The primary wire to the ignition coil must be disconnected.
- (2) The device must disconnect the starter.
- (3) One or more wires to the electronic ignition system, or to the points and condenser must be disconnected and grounded to the chassis.
- (4) The wiring must blend with factory-installed wiring, and the disconnecting/grounding wires must be routed to random points in the electrical system away from the components they affect.
- (5) The control module, if separate from the electronic locking mechanism, must be hidden in the engine compartment or other part of the car so that it is not easily detectable.
- (6) In order to start the car, a lock or electronic device must be used to deactivate the system. The lock must be of tubular type and must be installed inside the auto so as to facilitate use by the driver; alternatively, an electronic keyless device may be used in lieu of a lock if it does not take significantly longer to engage the device than it takes to remove a key from a lock, and use of the system is otherwise facilitated.

**(e) Passive Time Delay Ignition System**

This is a device which allows the car to start only if the operator waits a prescribed time, which must vary from device to device in a range of three to twenty seconds, before moving the ignition key from "On" to "Start". If the auto does not start, the operator must be required to wait at least ninety seconds before the device can be operated successfully on a subsequent try.

The device must be resistant to tampering; for example, if it is forcibly removed, reconnection of the electrical system must not be possible with a hot-wire device. Alternatively, the device must be installed with a hood lock operated by a tubular key.

**(f) Armored Cable or Electrically Operated Hood Lock and Ignition Cut-Off Switch**

This is a supplemental hood lock operated from within the auto which also cuts off the ignition when engaged. Such devices must meet the following criteria:

**(1) Armored Cable Hood Lock**

- (a) The hood lock cable must be armored by case hardened solid steel tubing designed to resist cutting; tubing must extend through firewall and be secured so as to prevent retraction. Otherwise, an alarm meeting the criteria of Section (5.3)(a) must be installed.
- (b) The system must be engaged by a push button or other device which facilitates use. The push button or other device must be installed within reach of driver when seated.
- (c) No portion of the hood lock cable may be accessible so that it could be grasped from underneath the car; and, if accessible through the grillwork, armor must extend to the locking mechanism.

**(2) Electrically Operated Hood Lock**

- (a) The hood lock is electrically operated and functions so that it remains locked even if the wiring operating the hood lock is cut.
- (b) The system must be engaged passively by turning the ignition key to the off position. To disarm the system a separate key or electronic keyless device must be used.
- (c) If the hood lock can be reached through the grillwork or from underneath the car, the hood lock must be shielded or armored so that it cannot be manually operated. The locks controlling the devices must be of tubular type or operate electronically.

**(g) Passive, Delayed Ignition Cut-Off System**

This electronic system disables the ignition circuit at a preset engine speed such that the engine cannot be restarted or hot-wired. Such device must meet these criteria:

- (1) The ignition must cut off automatically as soon as the engine reaches a speed in the range of 1,500 to 2,000 RPM.



- (2) The system must be automatically armed when the ignition key is turned to the off position.
- (3) A push button or other type of disarm switch must be well hidden from view. The wiring must blend with factory-installed wiring if placed under the dash. In the alternative, a tubular key or an electronic keyless device may be used.
- (4) An alarm or horn shall be actuated at the same time the ignition is disabled.
- (5) If a parking/service attendant switch is provided, a buzzer must sound all the time the engine is running. The switch must be hidden in a remote place.

**(h) Passive Ignition Lock Protective system**

This is a case hardened steel, protective cap which fits over the ignition lock so as to prevent extraction of the ignition lock cylinder. The cap fastens to a steel collar which fits around the steering post and over the ignition lock. The ignition key fits through a slot in the cap.

A sticker may identify the presence of this system.

**(i) High Security Ignition Replacement Lock**

This is a high security, case hardened steering column ignition lock, conforming to NHTSA Standard No. 1141, which cannot be removed using a conventional slide hammer or lock puller equipment.

A sticker may identify the presence of this system.

**(j) Hydraulic Brake Lock**

This is a dash-mounted device which, when activated and pressurized with the brake pedal, maintains hydraulic pressure on the brakes at two or more of a vehicle's wheels so that the vehicle cannot be driven. The device must have a high security locking system with at least 50,000 combinations and a lock which cannot be pulled using a conventional slide hammer or lock puller equipment.

**(k) Chip Key**

This device allows only the correct ignition key(s) to start the engine. The system prevents the motor vehicle from being started unless the key to the ignition enables the correct signal. The three types of systems that qualify are:

- (1) Transponder immobile system: system must detect the proper transponder value from the chip in the key in order to start the engine
- (2) VATS/PASS-Key system: system must detect the proper resistance value in the key in order to start the engine
- (3) Passlock system: system must detect the proper R-code within the ignition lock or ignition switch to start the engine; this system does not have a chip in the key; the key turns the passlock cylinder which provides the R-code.

#### **Category IV**

Devices qualifying in this category receive 20% discounts.

#### **Vehicle Recovery System**

This is an electronic unit installed in a vehicle that is activated after that vehicle is stolen. When activated, the device provides information to law enforcement officials or another public or private entity regarding the vehicle's location. The system provides for the routine delivery of the information to the appropriate law enforcement organization to assist in the recovery of the vehicle.

#### **Category V**

Devices qualifying in this category receive 25% discounts.

#### **Vehicle Recovery System with Unauthorized Movement Notification**

This is an electronic unit installed in a vehicle that is activated after that vehicle is moved without authorization. When activated, the device provides information to law enforcement officials or another public or private entity regarding the vehicle's location. The system provides for the routine delivery of the information to the appropriate law enforcement organization to assist in the recovery of the vehicle. Additionally, the device must provide personalized notification to the owner of a vehicle (or his or her authorized user) in the event of a potentially unauthorized movement of the owner's vehicle. Personalized notification shall mean notification delivered directly to the owner or his or her authorized user via automated communication, which is available beyond the proximity of the vehicle itself, to one or more devices designated in advance by the owner or his or her authorized user, such as to the owner's home telephone, mobile phone, electronic mail service, or wireless text messaging service. If maintaining the system in effect requires the payment of a service fee, insureds must provide the insurer reasonable confirmation of the coverage.