



MVP45/22

General Installation Instructions



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General:

The car transmission lock is a mechanical security locking system for vehicles which locks the gearshift lever and preventing its movement into any driving gear. The lock is permanently mounted to car. The lock mechanism is clearly visible from outside the vehicle.

Security can be supplemented by adding electronic security systems, such as alarms systems and immobilizers. With or without additional electronic systems, the lock provides a full security solution for most cars with floor- mounted gearshift levers, both manual and automatic, or some types of steering column gearshift levers.

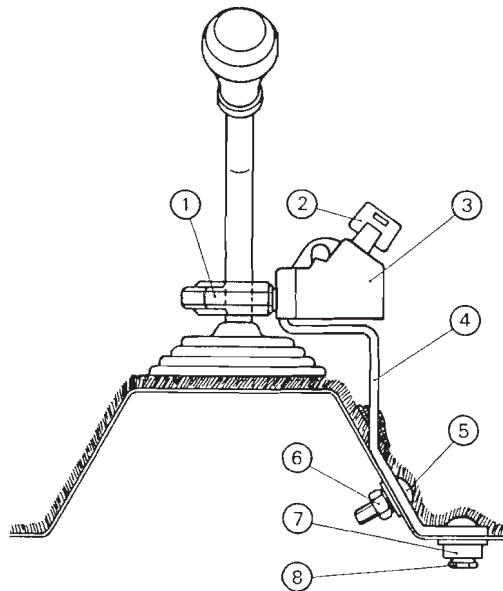
The lock is fixed to the floor of the vehicle and secured with tamper proof nuts; yet it does not damage or deface the interior of the vehicle in any way. The lock has a decorative cover, which includes a shackle holder for storing the shackle while driving.

The lock consists of a lock attached to a bracket secured to the vehicles chassis. The mounting bracket is adaptable to any make and model vehicle. For some vehicles universal or standard brackets can be used. For other vehicles, the bracket must be adapted to the shape of the specific vehicle using a bending machine. The factors to be considered are the shapes of the vehicle interior and chassis and the forms and positions of the console, gearshift lever, and floor.

For proper and effective operation, the lock must be installed by an authorized Mul-T-Lock® trained professional installer. The system must be properly installed so that the shackle fits snugly around the gearshift lever to completely prevent its movement into a driving gear.

General Description:

1. Shackle
2. Key
3. Lock
4. Steel bracket
5. Bolt
6. Nut
7. Tamper proof washer
8. Shear-head nut



Lock Description:

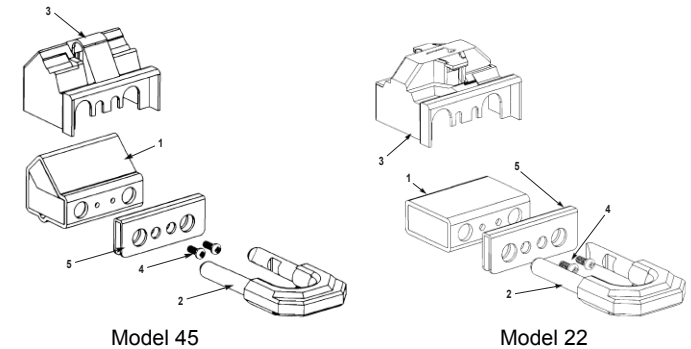
The gear shift lever is locked in position by inserting the shackle into the lock without the need of a key. The key is positioned at a 45 degree angle, rather than horizontally. This angle makes key insertion and removal easier, since the keyway is more visible and accessible from the driver seat.

Installation is easier in vehicles in which the drivers or passengers seat and/or accessories make regular installation and use difficult.

a hidden microswitch (optional) may be connected for integration with immobilizers and/or sophisticated alarm systems.

Lock Parts List:

1. Lock model 45/22
2. Shackle with shackle cover
3. Decorative plastic cover (with shackle holder)
4. 1/2" x 1/2" screws
5. Bracket tip guard



Installation:

Note:

The following instructions are intended to use as a general guide lines for installers who have completed an authorized training course.

Locate the best location and position the lock. Consider the following factors:

1. The location of the gearshift lever, seats, internal accessories, etc.
2. For vehicles with manual transmission choose REVERSE gearshift position for installation. If REVERSE position is not feasible, choose the 5th gear position.
3. For vehicles with automatic transmission choose the PARKING position only.
4. To maintain the best possible appearance of the vehicle interior, the bracket should pass through the plastic gearshift console. In some cases were it is not possible to pass through the console, the bracket may be passed outside the console to the vehicle floor.

Select the correct bracket shape to the vehicle model. The 4 square holes at the bottom of the bracket must be flush with the floor of the vehicle. Examine the general installation area from the underside of the vehicle. Check for interfering parts (tubes, pipes, etc.) You may need to remove the heat shield of the exhaust system.

Completing Installation:

1. In case of removal of the exhaust shield remember to assemble it back after completing the installation.
2. Spray the area of the protruding bolts with underbody coating spray. Reassemble any parts that was disassembled during installation.