



Congratulations on your purchase of a Stellar vehicle security system! Your satisfaction and enjoyment is import to us. In the event that you experience any installation or operation problems with your system please feel free to contact us directly. Many problems can be easily solved without returning the system to your local dealer. We hope you enjoy your new Stellar vehicle security system and don't forget to fill out your warranty card! :-)

Individual stores and catalogs do not stock spare parts.

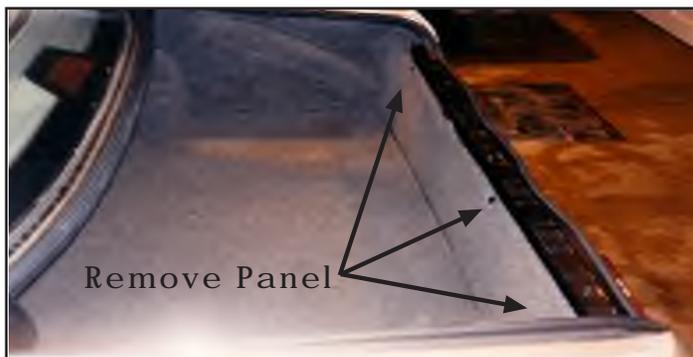
Please contact us directly if you are missing a part or have any questions.

INSTALLATION LOCATION

The BMW45 can be installed in any dry location. We recommend installing the unit in the driver's kick panel, or in the trunk. In most cases installation in the drivers kick panel is the quickest because the wire colors are given in chart 1.

However installation in the trunk requires fewer panels to remove and offer more room to work with. The down side is that in most cases the wire colors in chart 1 will not work in the trunk. Therefore it will be necessary to use a testlight to determine the correct lock and unlock wires.

TRUNK INSTALLATION



1. Open the trunk and remove the rear trunk panel that covers the back side of the trunk keyhole. This is usually the panel behind the rear lights. In some late model BMWs the actuator will be located in the trunk lid.

3. Probe all 5 wires from your door lock actuator to determine the lock & unlock wires.

4. If you come to a wire that LOCKS your doors, then you have found the lock wire. Connect the BLUE/WHITE wire from the keyless entry unit to this wire.

5. If you come to a wire that UNLOCKS your doors, then you have found the unlock wire. Connect the GREEN/WHITE wire from the keyless entry unit to this wire.

6. From the keyless entry unit connect the BLACK wire to a body ground (body metal).

7. From the keyless entry unit connect the RED wire to a constant 12 volts power supply (+).

8. You must set the system to a positive or negative pulse to correspond with your door locking system.

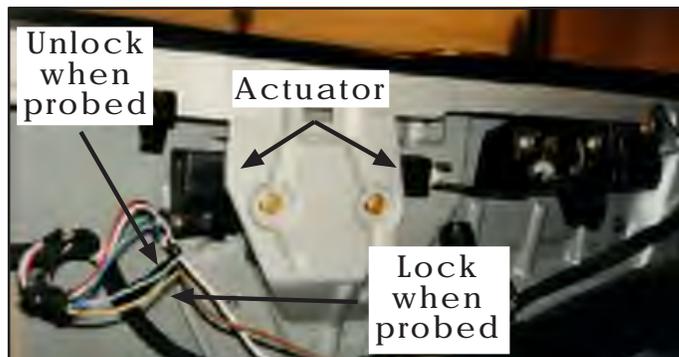
a. If you have a negative system, then connect the BROWN/BLUE wire to a body ground.

b. If you have a positive system, then connect the BROWN/BLUE wire to a constant 12 volts.

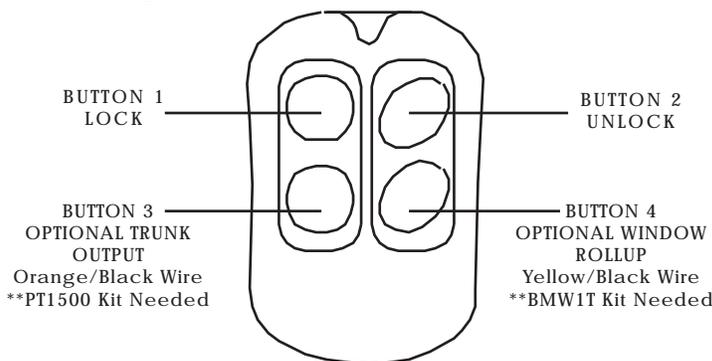
9. Unwrap black antenna and position vertically.

10. Place decals on windows.

NOTE: All other wires ARE NOT USED.



2. Locate the 5 wire trunk actuator. Use chart 1 on page 2 to determine the type of system you have. If you have a negative system connect the test light to a ground. If you have a positive system connect the testlight to power.



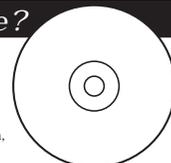
CODE LEARNING

a. Turn key to ON position, press valet button for 3 seconds. The parking lights will flash once to indicate code learning mode. Press any button in order to learn the desired remote. The parking lights and LED will flash once for confirmation, after each remote transmitter is learned. Up to 4 remote transmitters can be learned at this time.

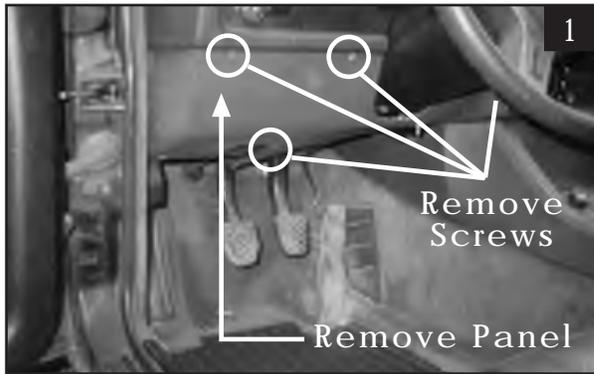
b. Turn key to OFF position or wait for 5 seconds and system will exit code learning.

Get The Movie?

Grab Some Popcorn! AutoLoc offers installation movies on CD ROM to insure quick and simple installation. Each movie offers profession step by step installation, and helpful tips & hints.

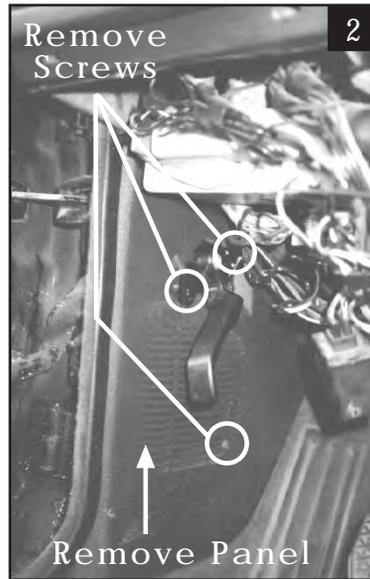


DRIVERS KICK PANEL INSTALLATION



1. Open the driver door and remove the lower dash panel by removing all attaching screws.

2. Remove the driver's kick panel by removing all attaching screws. This panel is located to the left of the brake pedal



3. Use the color chart below to locate the lock and unlock wires.

These wires travel from the driver's door to the central locking control unit. In most cases you may need to remove the speaker.

4. Connect the GREEN/WHITE wire from the keyless entry unit to the unlock wire. (see chart)

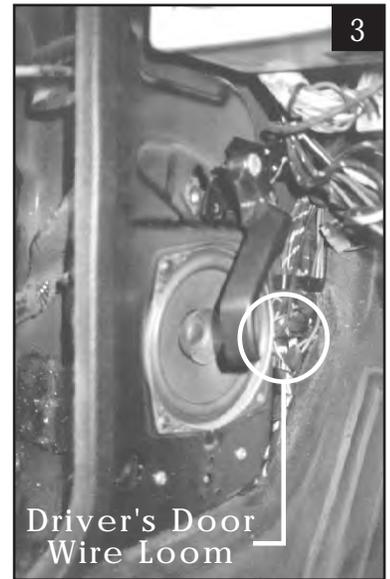
5. Connect the BLUE/WHITE wire from the keyless entry unit to the lock wire. (see chart)

6. Using the chart below determine the type of door locking wire loom to a body ground (body metal). Note the thin black wire on the side of the box is the antenna. DO NOT ground this wire, just let it hang freely.

9. Unwrap black antenna and position vertically.

10. Test System

11. Place decals on windows.



system you have:

- a. Positive System. Connect the BROWN/BLUE wire on the keyless entry unit to a constant 12 volts power supply (+).
 - b. Negative System. Connect the BROWN/BLUE wire on the keyless entry unit to a body ground (body metal).
7. Connect the RED wire to a constant 12 volts power supply (+).
8. Connect the thick BLACK wire on the keyless entry's wire

TROUBLESHOOTING

Q. The colors on the chart do not match the colors on my trunk actuator.
A. In most cases the colors on the chart can only be found in the drivers kick panel. To install the unit in the trunk you must use a testlight to identify the correct wires.

Q. I have installed the unit but my remotes do not work.
A. 1- Check the fuse.
2- Check all connections.
3- Check to make sure you have a constant power supply.
4- Check to make sure you have a good ground.

Q. What is the thin black wire wrapped around the unit?
A. That is the antenna. You should unwrap it and position it vertically.
Q. How do I connect the wires on my car to the unit?
A. There are several ways to make the connection. You can use butt connectors, splicer, t-taps, or quick connects. However, the most common way is to strip all wires and twist them together, then use electrical tape to secure the connection.

Q. After installation I have several unused wire. What should I Do?
A. In most cases you will have several wires that are not used after installation. Simply tape the ends of the wire & secure them to the car.

Q. Where do I mount the unit, and should it be attached to anything?
A. The unit can be mounted in any dry location. After installation the units can be left hanging freely, or tucked under a wire loom.

BMW	Year	Lock	Unlock	System
318i	1983-1991	Yel/Blu	Grn/Blu	" - "
325e	1984-1987	Yel/Blu	Grn/Blu	" - "
325es	1984-1987	Yel/Blu	Grn/Blu	" - "
325i	1984-1991	Yel/Blu	Grn/Blu	" - "
325is	1984-1991	Yel/Blu	Grn/Blu	" - "
325	1988-1991	Yel/Blu	Grn/Blu	" - "
325ic	1988-1993	Yel/Blu	Grn/Blu	" - "
524td	1985-1986	Yel/Blu	Grn/Blu	" - "
525i	1989-1993	Wht/Grn	Wht/Blk/Yel	" + "
528E	1982-1988	Yel/Blu	Grn/Blu	" - "
533i	1983-1984	Yel/Blu	Grn/Blu	" - "
535i	1985-1988	Yel/Blu	Grn/Blu	" - "
535i	1989-1991	Wht/Grn	Wht/Blk/Yel	" + "
535i	1992-1993	Wht/Grn	Wht/Blk/Yel	" - "
M5	1992-1993	Wht/Grn	Wht/Blk/Yel	" - "
M5	1987-1988	Yel/Blu	Grn/Blu	" - "
633csi	1984-1991	Yel/Blu	Grn/Blu	" - "
733i	1984	Yel/Blu	Grn/Blu	" - "
735i	1984-1987	Yel/Blu	Grn/Blu	" - "
735i	1988-1992	Wht/Grn	Wht/Blk/Yel	" + "
735iL	1988-1992	Wht/Grn	Wht/Blk/Yel	" + "
850i*	1991-1993	Blu/Grey/Yel	Blu/Red/Yel	" + "
L7	1987	Yel/Blu	Grn/Blu	" - "
M6	1987	Yel/Blu	Grn/Blu	" - "
M3	****SAME AS 3 SERIES****			

*Wires Located at General Control Module

CHART 1