



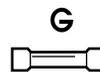
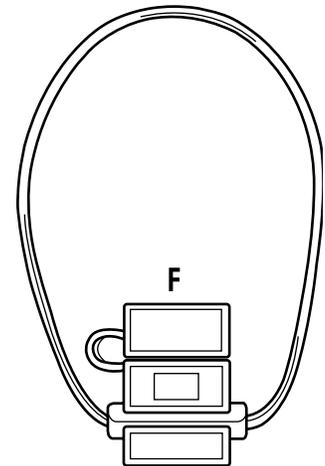
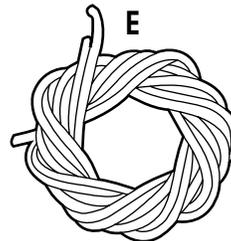
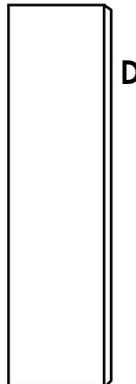
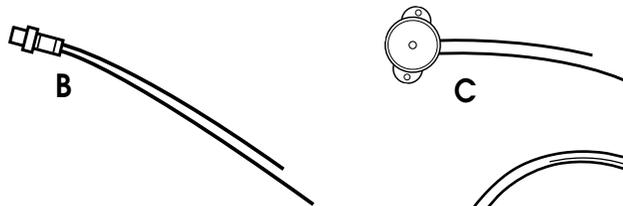
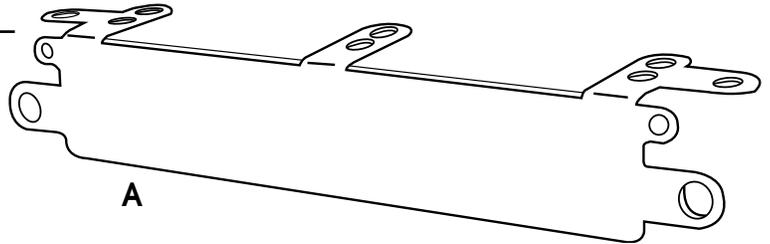
LASER DEFUSERPLUS

INSTALLATION INSTRUCTIONS

PARTS KIT

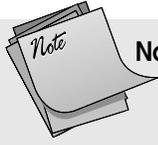
Parts Kit includes the following:

- A- (1) Universal Mounting Bracket
- B- (1) Red L.E.D. Laser Alert Light
- C- (1) Piezo Beeper w/ "O" Ring Tape
- D- (1) Double Stick Tape Strip
- E- (2) 36" - 20 ga. Grounding/Power Wires
- F- (1) 3 AMP Fuse Assembly
- G- (4) Barrel Connectors
- H- (2) 1" - 1/4" x 20 Nylon Bolts
- I- (2) 1 1/2" - 1/4" x 20 Nylon Nuts
- J- (8) 1/4" x 20 Nylon Bolts
- K- (2) #6 x 1/4" Screws
- L- (3) #10 x 3/4" Screws
- M- (1) 1/2" Self Tapping Screw
- N- (1) 22-16 ga. Ring Terminal



IMPORTANT - PLEASE READ BEFORE INSTALLING

When installing the Laser DefuserPlus outside of the system's license plate frame, the unit should be mounted as close to the center of the vehicle as possible, without obstruction. The mounting location of the Laser DefuserPlus is important, as police laser gun operators are trained to aim for the flat, reflective surface of a targeted vehicle's front license plate. In states that do not require a front license plate, operators will traditionally aim for the front, center of the vehicle. This procedure allows the operator to effectively "bounce" the laser signal back to the gun to calculate the vehicle's speed.



Note: When integrating the Laser DefuserPlus with the K40 remote radar system, the Laser DefuserPlus will utilize the same warning light/speaker(s) as the K40 remote. Therefore, you will not need to install the red L.E.D. alert light or piezo beeper that come with the Laser DefuserPlus.

LASER L.E.D. LIGHT

1. For best visibility, choose a mounting location for the laser L.E.D. as close to the vehicle gauges as possible. See diagram A1.
2. Check for proper clearance behind the area where the L.E.D. will be installed (approximately 1"), and drill a 3/16" hole in the chosen location. See diagram A2.
3. Route the L.E.D. wires under the dash per diagram A3 and connect according to the appropriate block diagram.

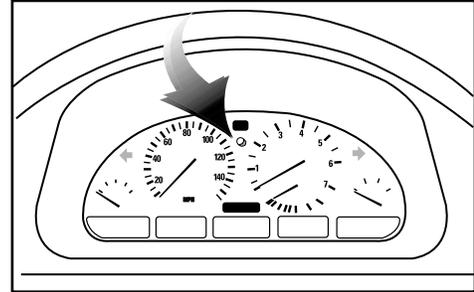


DIAGRAM A1

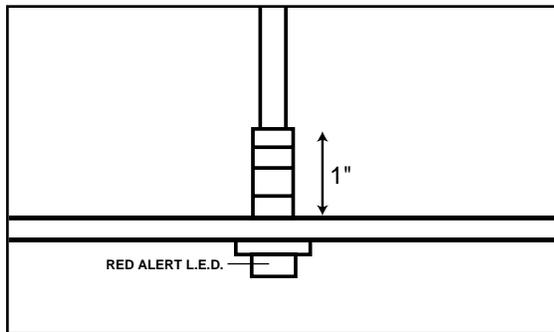


DIAGRAM A2

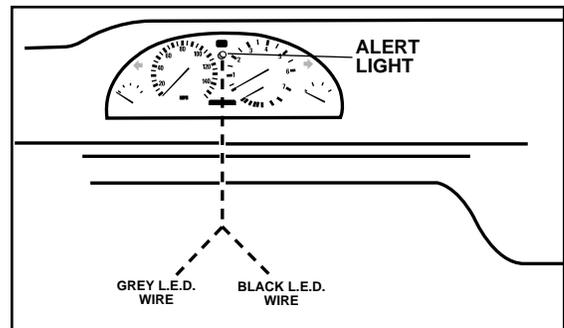


DIAGRAM A3

PIEZO BEEPER

1. For maximum audio output and concealment, mount the piezo beeper in the driver's left air vent. See diagram B1.
2. Use the supplied double stick "O" ring tape to mount the piezo beeper.
3. Route the piezo beeper wires through or under the dash per diagram B1 and connect according to the appropriate block diagram.

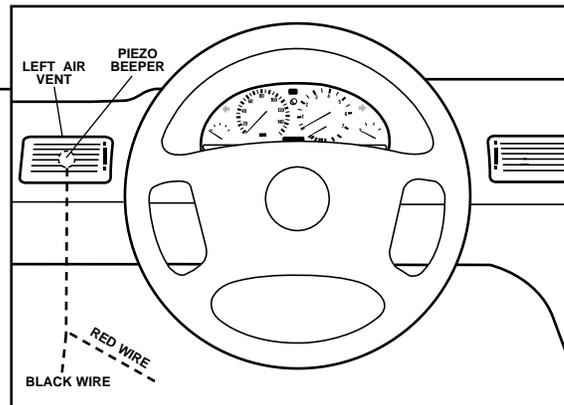


DIAGRAM B1

FRONT LASER DEFUSERPLUS

LICENSE PLATE MOUNT

1. Remove the mounting bolts and any existing frame or cover from the license plate. Remove license plate. See diagram C1.

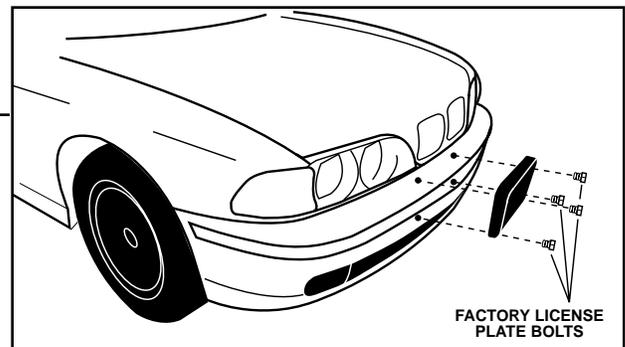


DIAGRAM C1

- Position the Laser DefuserPlus around the existing front license plate and mount it against the factory license plate bracket. Use the existing mounting bolts or K40 nylon bolts to secure the DefuserPlus frame and license plate to the bracket. See diagram C2.

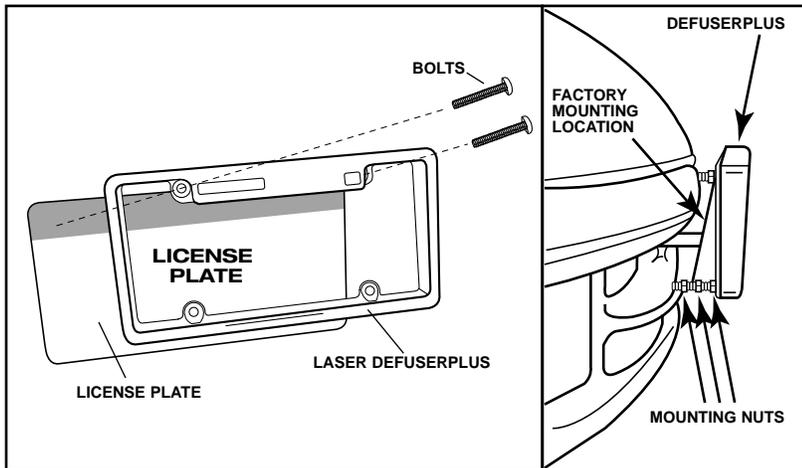


DIAGRAM C2



Note: For optimum performance, the DefuserPlus must be mounted parallel to the ground. Use the supplied K40 nylon nuts and bolts to correct the mounting angle of the DefuserPlus either up or down as needed.

On some vehicles, it may be necessary to adjust or reposition the factory license plate bracket to achieve the parallel mounting.

On vehicles that have only one set of bracket mounting holes, it is recommended that the Laser DefuserPlus and the license plate be bolted together to eliminate any vibration.



Caution: Avoid hot or moving parts.

- Route the black and clear zip cord wires into the engine compartment either through the grill or under the bumper. See diagram C3.
- Pass both the black and clear zip cord wires towards the vehicle's firewall and through an existing rubber grommet into the vehicle's interior. See diagram C4.
- Connect wires according to the appropriate block diagram and insert the 3 amp fuse into the fuse holder. Secure the watertight fuse cover. Turn on the ignition key to verify operation.

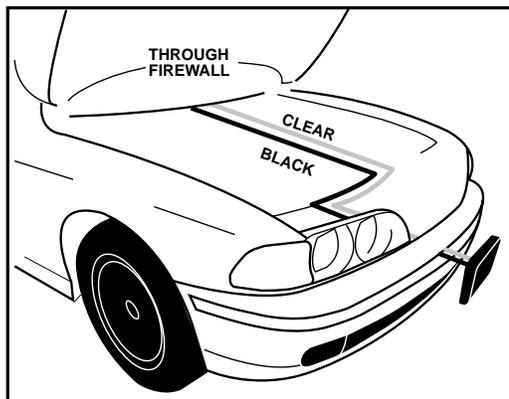


DIAGRAM C3

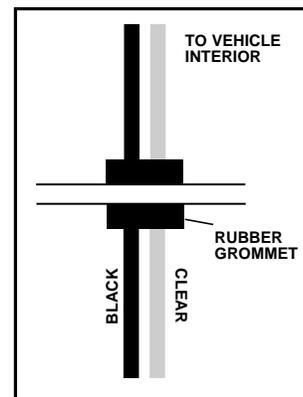


DIAGRAM C4

UNIVERSAL MOUNTING BRACKET

- Choose a mounting location inside the lower air intake vent or grill that has a clear, unobstructed view of the road.
- Separate the Laser DefuserPlus module from the license plate frame by removing the two screws on the backside of the frame. See diagram D1.

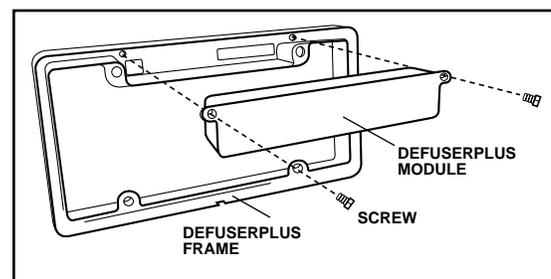


DIAGRAM D1

- Determine which holes on the universal mounting bracket will be used to mount the Laser DefuserPlus to the car. Remove the unused mounting holes on the bracket as needed. See diagram D2.

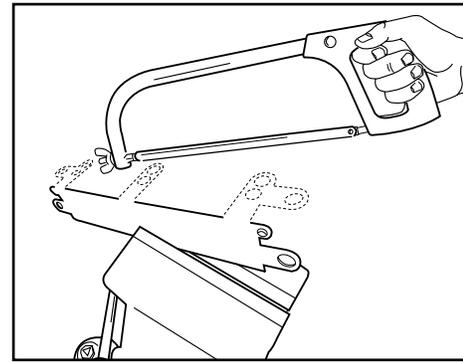


DIAGRAM D2

- Apply the supplied double stick tape directly to the Laser DefuserPlus and position the DefuserPlus to the universal mounting bracket with the included 1/4" screws. See diagram D3.

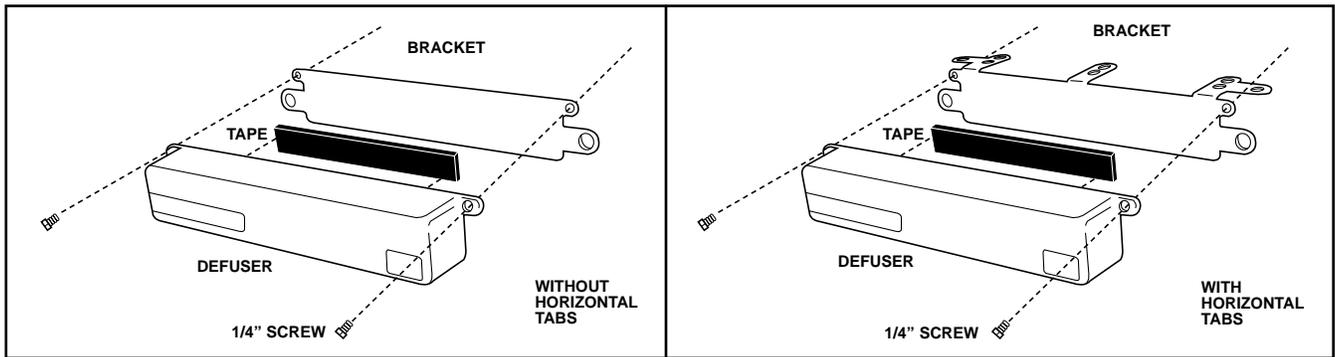


DIAGRAM D3

- Install the Laser DefuserPlus to the desired mounting surface using included 3/4" screws or nylon mounting nuts and bolts. See diagram D4. For optimum performance, make sure DefuserPlus is mounted parallel to the ground as close to the center of the vehicle as possible. See diagram D5.

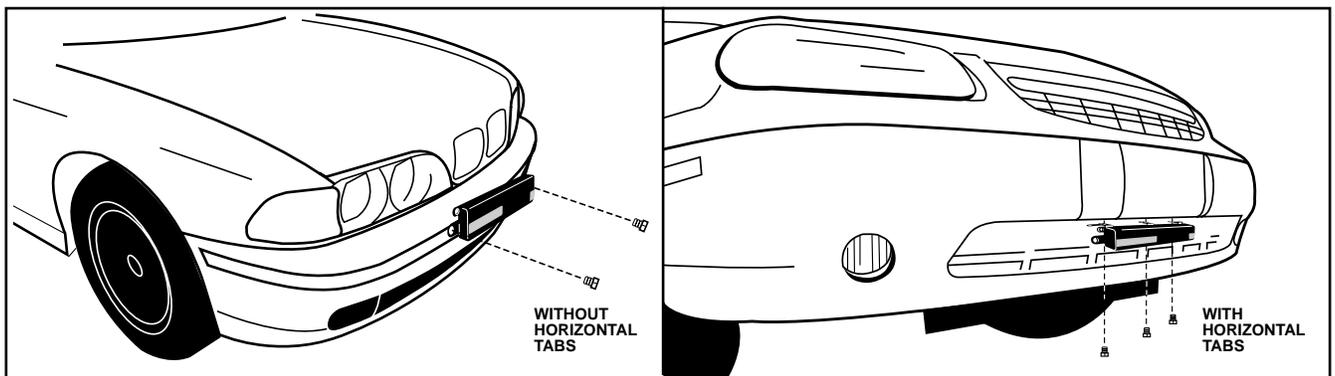


DIAGRAM D4

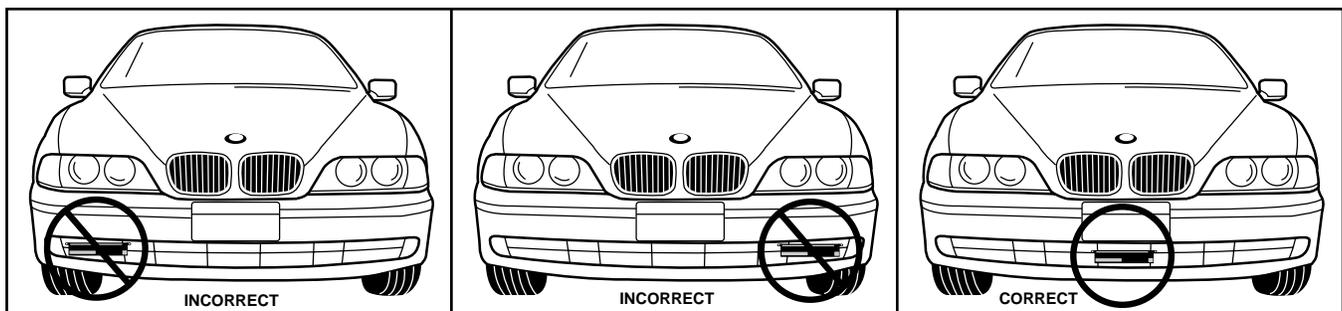


DIAGRAM D5

6. Route the black and clear zip cord wires into the engine compartment either through the grill or under the bumper. See diagram D6.
7. Pass both the black and clear zip cord wires towards the vehicle's firewall and through an existing rubber grommet into the vehicle's cockpit. See diagram D7.
8. Connect wires according to the appropriate block diagram and insert the 3amp fuse into the fuse holder. Secure the watertight fuse cover. Turn on the ignition key to verify operation.

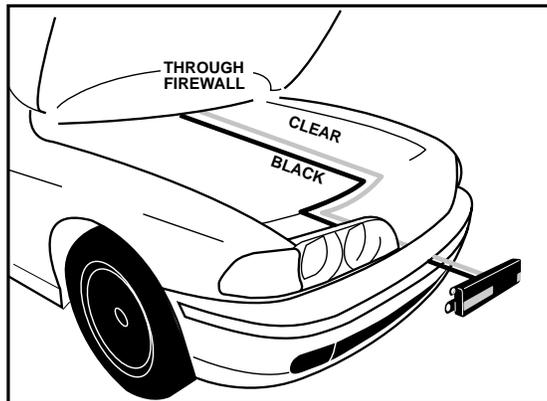


DIAGRAM D6

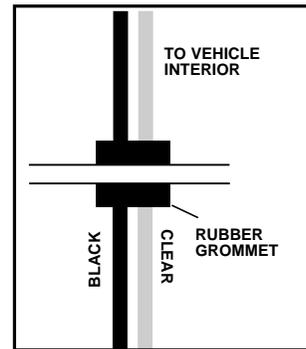


DIAGRAM D7

REAR LASER DEFUSERPLUS

LICENSE PLATE MOUNT

1. Remove the mounting bolts and any existing frame or cover from the rear license plate. Remove license plate. See diagram E1.
2. Position the Laser DefuserPlus around the existing rear license plate and mount it against the factory license plate bracket. Use the existing mounting bolts or K40 nylon bolts to secure the DefuserPlus frame and license plate to the bracket. See diagram E2.



Note: For optimum performance, the DefuserPlus must be mounted parallel to the ground. Use the supplied K40 nylon nuts and bolts to correct the mounting angle of the DefuserPlus either up or down as needed.

On some vehicles, it may be necessary to adjust or reposition the factory license plate bracket to achieve the parallel mounting.

On vehicles that have only one set of bracket mounting holes, it is recommended that the Laser DefuserPlus and the license plate be bolted together to eliminate any vibration.

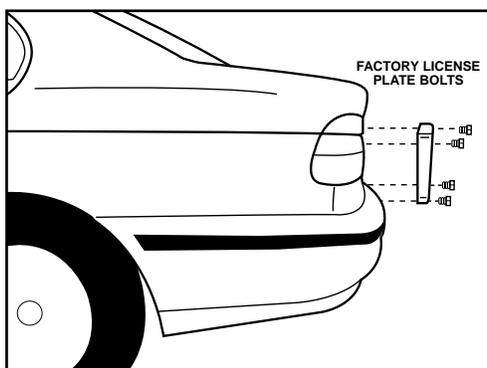


DIAGRAM E1

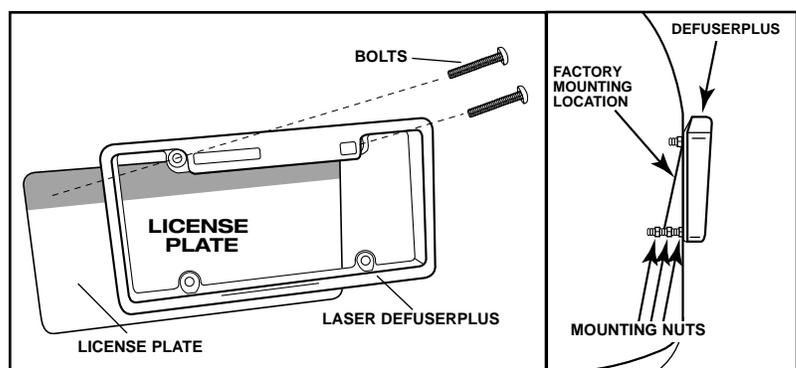


DIAGRAM E2

3. Route the black and clear zip cord wires into the trunk, through the passenger compartment, along the driver's side, and under the dash per diagram E3.
4. Connect wires according to the appropriate block diagram and insert the 3amp fuse into the fuse holder. Secure the watertight fuse cover. Turn on the ignition key to verify operation.

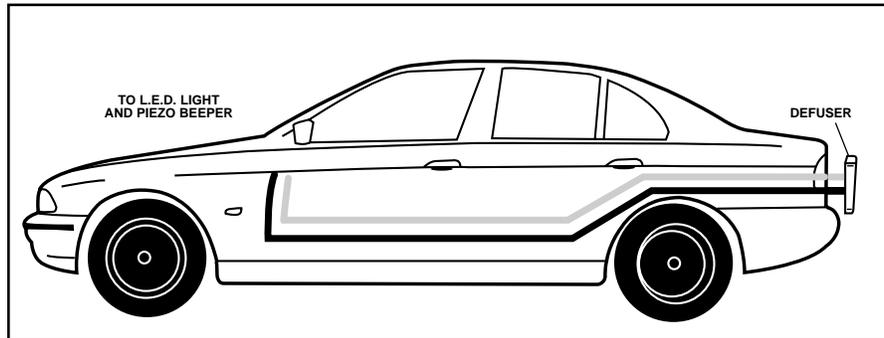


DIAGRAM E3

UNIVERSAL MOUNTING BRACKET

1. Remove the mounting bolts and any existing frame or cover from the rear license plate. Remove license plate. See diagram F1.
2. Separate the Laser DefuserPlus module from the license plate frame by removing the two screws on the back-side of the frame. See diagram F2.

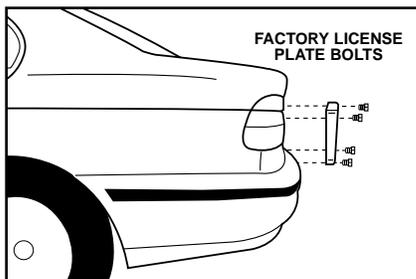


DIAGRAM F1

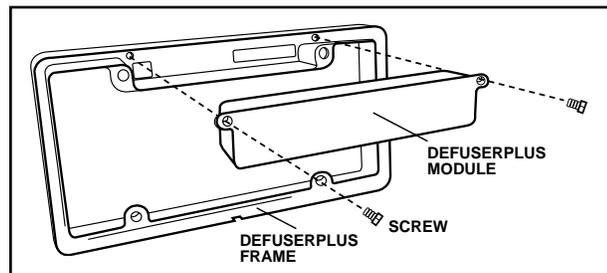


DIAGRAM F2

3. Remove the 3 unused horizontal mounting tabs from the top of the universal mounting bracket. See diagram F3.
4. Apply the supplied double stick tape directly to the Laser DefuserPlus and position the Laser DefuserPlus to the universal mounting bracket with the included 1/4" screws. See diagram F4.

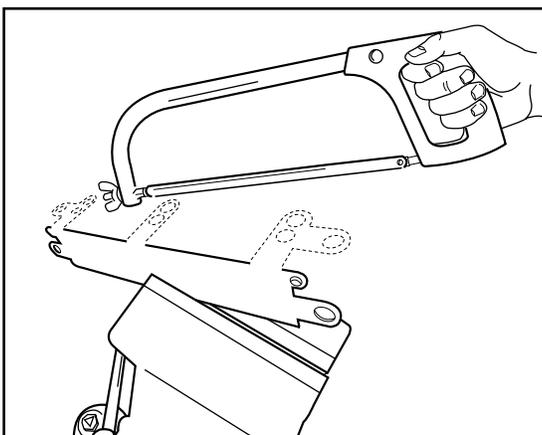


DIAGRAM F3

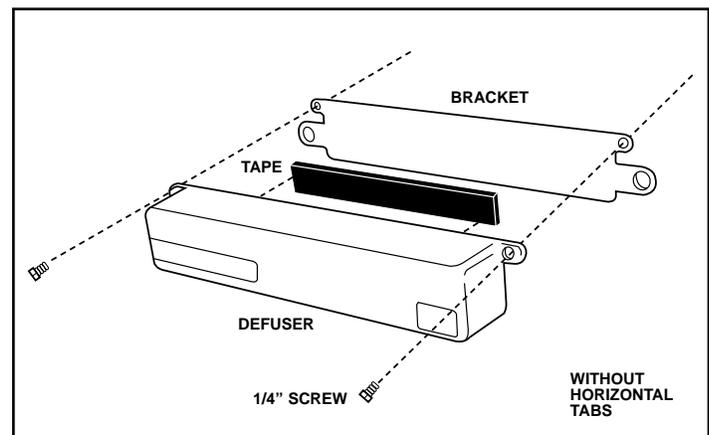


DIAGRAM F4

5. Position the Laser DefuserPlus against the license plate and mount it to the factory license plate bracket using the existing mounting bolts or K40 nylon bolts. See diagram F5.
6. Route the black and clear zip cord wires into the trunk, through the passenger compartment, along the driver's side and under the dash per diagram F6.
7. Connect wires according to the appropriate block diagram and insert the 3amp fuse into the fuse holder. Secure the watertight fuse cover. Turn on the ignition key to verify operation.

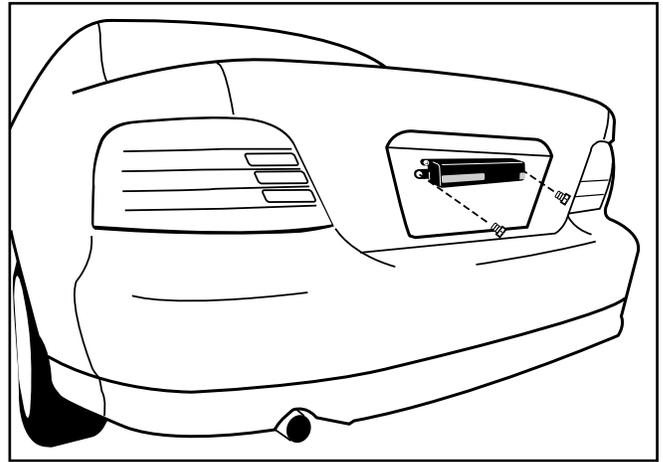


DIAGRAM F5

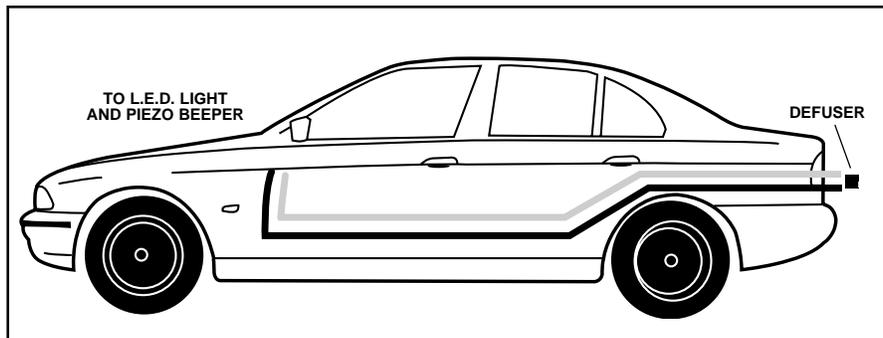
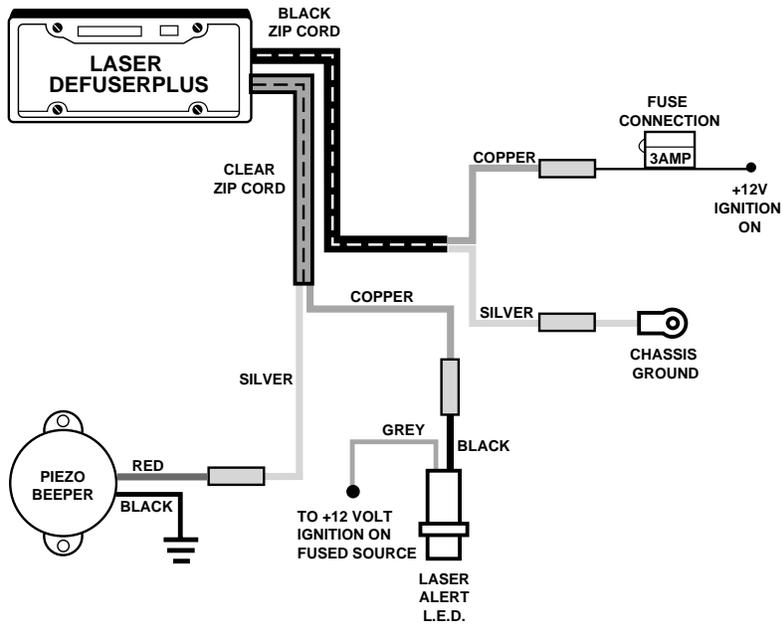


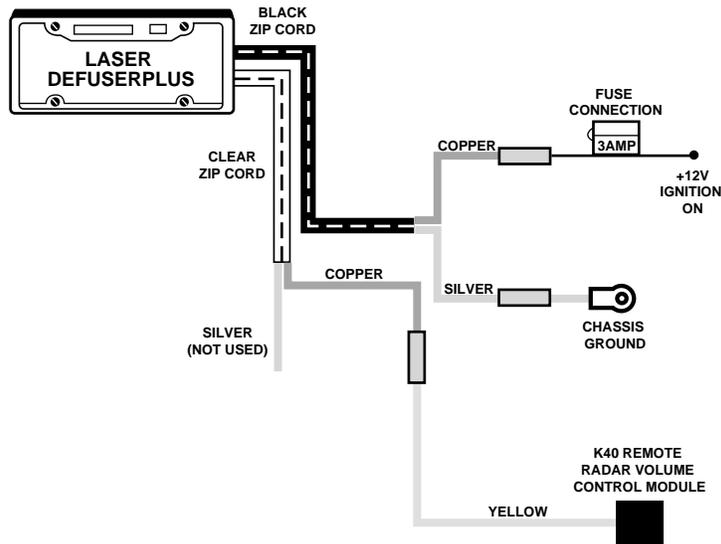
DIAGRAM F6

LASER DEFUSERPLUS BLOCK DIAGRAM



Note: When installing front and rear Laser DefuserPlus units, use a separate 3amp fuse for each Laser Defuser.

LASER DEFUSERPLUS/K40 REMOTE RADAR SYSTEM INTEGRATION DIAGRAM



Note: When integrating front and rear Laser DefuserPlus units, both of the clear/copper wires from the two units can be directly connected to the yellow volume control module wire from the K40 remote Radar Detector.