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LHA-8000 LED Hideaway

Installation and Configuration Instruction Manual

Please read the following instructions thoroughly and carefully. Improper installation of this equipment can result in you or your passengers sustaining serious injuries. DaMeGa Engineering always recommends installation by a certified installer to minimize any possible risk.

SAFETY INSTRUCTIONS:

This document provides all the necessary information to allow your new product to be properly and safely installed.

Before beginning the installation and/or operation of your new product, the installation technician and operator must read the manual completely. Important information is contained herein and could prevent serious injury and damage.

Proper installation of this product requires the installer to have a thorough understanding of automotive electronics, systems and procedures.

Do not install this product or route any wires in the deployment area of your airbag. Equipment mounted or located in the airbag deployment area will damage or reduce the effectiveness of the airbag, or become a projectile that could cause serious personal injury or death. Refer to your vehicle owner manual for the airbag deployment area. The User/Installer assumes all responsibility to determine proper mounting location, based on providing ultimate safety to all passengers inside the vehicle.

If this product uses a remote device to activate or control this product, make sure that the control is located in an area that allows both vehicle and the control to operate safely in all driving conditions.

If mounting this product requires drilling holes, the installer must be sure that no vehicle components or other vital parts can be damaged by the drilling process. Check both sides of the mounting surface before drilling begins. Also de-burr any holes and remove any metal shards or remnants. Install grommets into all wire passage holes. Do not attempt to activate or control this device in a hazardous driving situation.

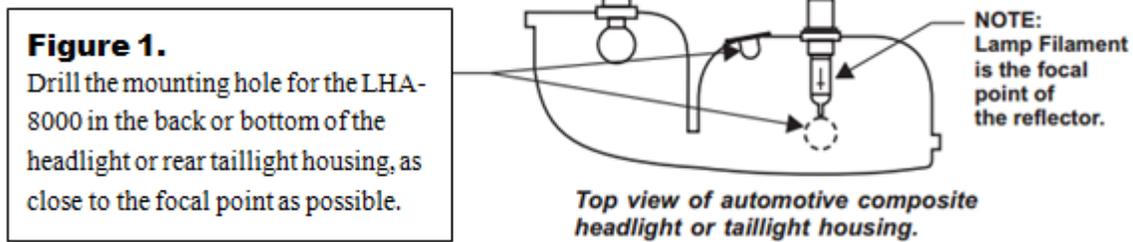
Use only soap and water to clean the outer lens. Use of other chemicals could result in premature lens cracking (crazing) and discoloration. Lenses in this condition have significantly reduced effectiveness and should be replaced immediately. Inspect and operate this product regularly to confirm its proper operation and mounting condition. Do not use a pressure washer to clean this product.

For this product to operate at optimum efficiency, a good electrical connection to chassis ground must be made. The recommended procedure requires the product ground wire to be connected directly to the Negative (-) battery post.

It is recommended that these instructions to be stored in a safe place and referred to when performing maintenance and/or reinstallation of this product.

FAILURE TO FOLLOW THESE SAFETY PRECAUTIONS AND INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT OR VEHICLE AND/OR SERIOUS INJURY TO YOU AND YOUR PASSENGERS!

Installation of the LHA-8000 LED Hide-Away Light



Step 1. Follow the vehicle's manufacturer instructions on removing the headlight/or taillight reflector assembly from the vehicle.

Step 2. Select the mounting location for the LHA-8000, keeping in mind the following:

- A. The light should utilize the same reflector as the headlight, brake light, or signal light.
- B. During drilling/ installation, make sure the light does not interfere or disable the operation of the head, brake or turn-signal.
- C. The LHA-8000 should not be installed above the horizontal centerline of the reflector, due to the heat generated by the OEM bulb(s).

Step 3. Choose a surface in the rear or bottom of the housing which is as flat as possible. Using a hole saw, cut a 1" hole in the housing as shown (Fig. 1) and de-burr the hole.

Step 4. Insert the LHA-8000 assembly into the reflector housing. Mark the location for the two mounting holes (3/32" dia.). Remove the lamp assembly and drill the holes.

Step 5. Install the LHA-8000 and gasket using the two provided #4 sheet metal screws and secures the LHA-8000 to the reflector assembly.

Step 6. Re-mount both headlight assemblies back to the vehicle and route the connector cables to their designated control switches (power, ground, and synchronization).

Step 7. The flasher assembly should now be secured to the vehicle.

IMPORTANT: If the LHA-8000 is being used in an area previously occupied by a hideaway light assembly, it is important to seal the mounting holes used by the previous assembly with RTV or other suitable material.

Red: Extend the **RED** power wire to a +12VDC power source (fuse @ 3 amps).

Black: Extend the **BLACK** ground wire to the negative terminal of the battery.

White: Attach the **WHITE** synchronization wire to other LHA-8000s (if applicable) to synchronize output.

Yellow: Extend the **YELLOW** pattern wire to a customer supplied momentary switch (fuse @ 1 amp).

To change patterns: Apply momentary -12VDC to the YELLOW wire to proceed to the next pattern on the flasher.

To restore Factory Default: Apply -12VDC to the YELLOW wire for 3-5 seconds. The assembly will then reset to default.

Synchronization: Connect all WHITE wires for the heads to synchronize.

- **NOTE:** All lights must be on the same flash pattern for them to synchronize.

FP1: Quad Burst Split

FP2: Quad Burst All

FP3: Quad Burst Alternating

FP4: Quad Split

FP5: Quad All

FP6: Quad Alternating

FP7: Single Split

FP8: Single All

FP9: Single Alternating

FP10: Super Flash Split

FP11: Super Flash All

FP12: Super Flash Alternating

FP13: Quad/Single w/ Quad Burst Split

FP14: Quad/Single w/ Quad Burst

FP15: Accelerator Split

FP16: Accelerator All

FP17: Express Flash

FP18: California Steady w/ Pulse

FP19: California Steady

FP20: Steady All

FP21: Cycle Flash (Split & All)

FP22: Off

For warranty information regarding this product, visit www.DaMeGa.com and click on Technical Support.