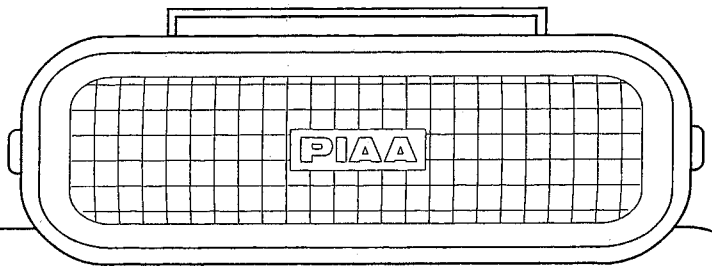
PIAA 1500 Back-Up

Installation Instructions

Thank you very much for purchasing PIAA product.
Please read this entire manual before installation and use of this product.

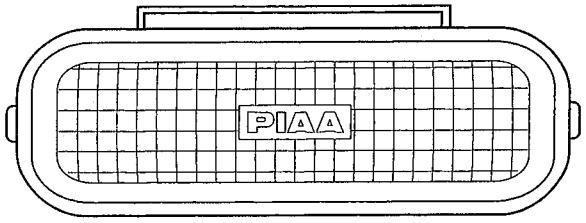


⚠ WARNING

- Lighting laws vary state to state, check your local laws before use.
- Do not submerge lamps in water. The dramatic change in temperature may cause the glass lens to crack. The lamps are not water tight, they will fill with water if submerged.
- The lamps and relay harness are to be used only with 12 volt automotive electrical systems.
- Using this light system while the engine is not running will drain the battery.
- Do not repeatedly turn the light system on and off as it will shorten the life of the system.
- Some automobiles generate high voltage at start up and when it is turned off, do not have lights on as you start or turn off your vehicle.
- Using the wrong bulbs may cause a malfunction, use only specified PIAA bulbs.
- When changing bulbs or lenses follow the lamp assembly/disassembly diagram.
- Leave at least 1/8" clearance between the lamps and the front spoiler, as the heat may damage the spoiler.

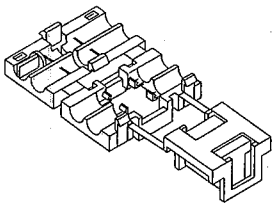
CONTENTS

Two (2) PIAA 1500 Back-Up lamps

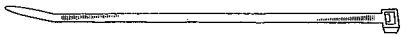


One (1) PIAA preassembled relay harness with fuse and switch

One (1) PIAA one touch connector

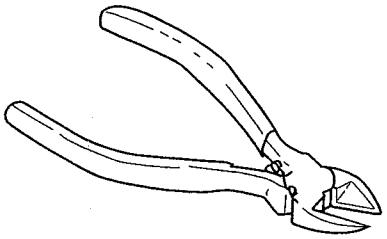


Five (5) wire ties

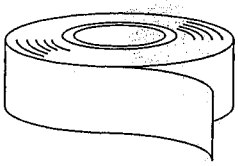


TOOLS

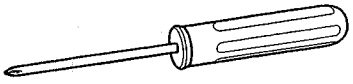
Diagonal cutters



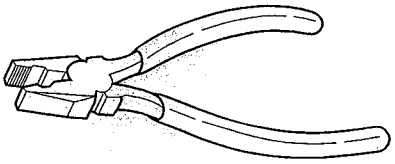
Vinyl electrical tape



Phillips driver (medium)



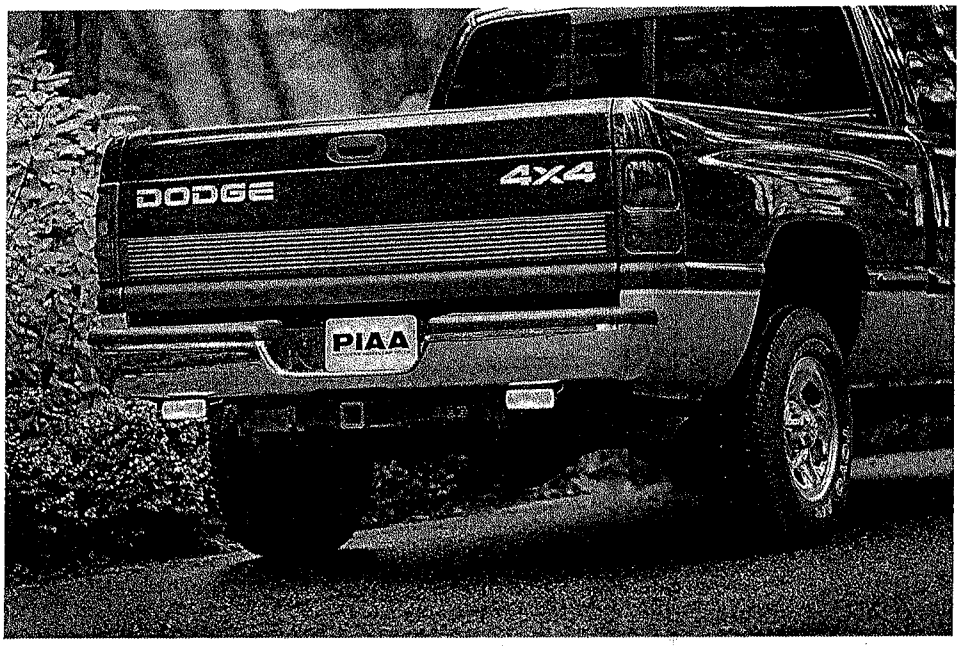
Pliers



LAMP INSTALLATION

- The work site must be clean and level with enough working space to complete the job without distractions.

- The PIAA 1500 Back-Up lamp is intended to mount hanging down or upright. For an upright mount just reverse the mounting bracket. The "PIAA" on the lens should always read right side up.



- When mounting the lamps mount them in such a place that they are free of obstructions.

  - Do not modify the lamp system in any way or it will void the warranty.

  - Do not mount the lamps in a place that will obstruct an existing automotive function.

  - Do not mount the lamps so low to the ground that they have a chance to get damaged easily.

- When the lamp mounting spot has been decided use the supplied double-sided tape to mount the lamps and/or the supplied mounting screws.

- If using the double-sided mounting tape, the mounting surface must be clean and oil free. The double-sided tape works best at room temperature above 65°F (18°C).

HARNESS INSTALLATION

① Run the PIAA harness from the engine compartment next to the battery back to the PIAA back-up lamp. Run the switch into the drivers compartment and mount it in a location that is easy for the driver to control and so that it is out of the way of other automotive functions.

② Before connecting any wires disconnect the negative (-) battery terminal.

③ When installing the harness follow the wiring diagram and make connections as instructed.

④ Connect the harness to the lamp.

⑤ Connect the lamp ground(-) wire to chassy ground. This connection should be metal to metal. Scrape all rust, paint, dirt and undercoating from the connection location.

⑥ Connect the switch power(+) wire to a positive(+) lead for the reverse lights. To do so use the supplied connector or any connector that is suitable for this application.

⑦ For proper lamp operation it is recommended that the main positive(+) and negative(-) wires be connected directly to the battery terminals.

⑧ After all wires are connected test the system for operation.

⑨ If the switch is in position ON1 the PIAA back-up lamp will be on.

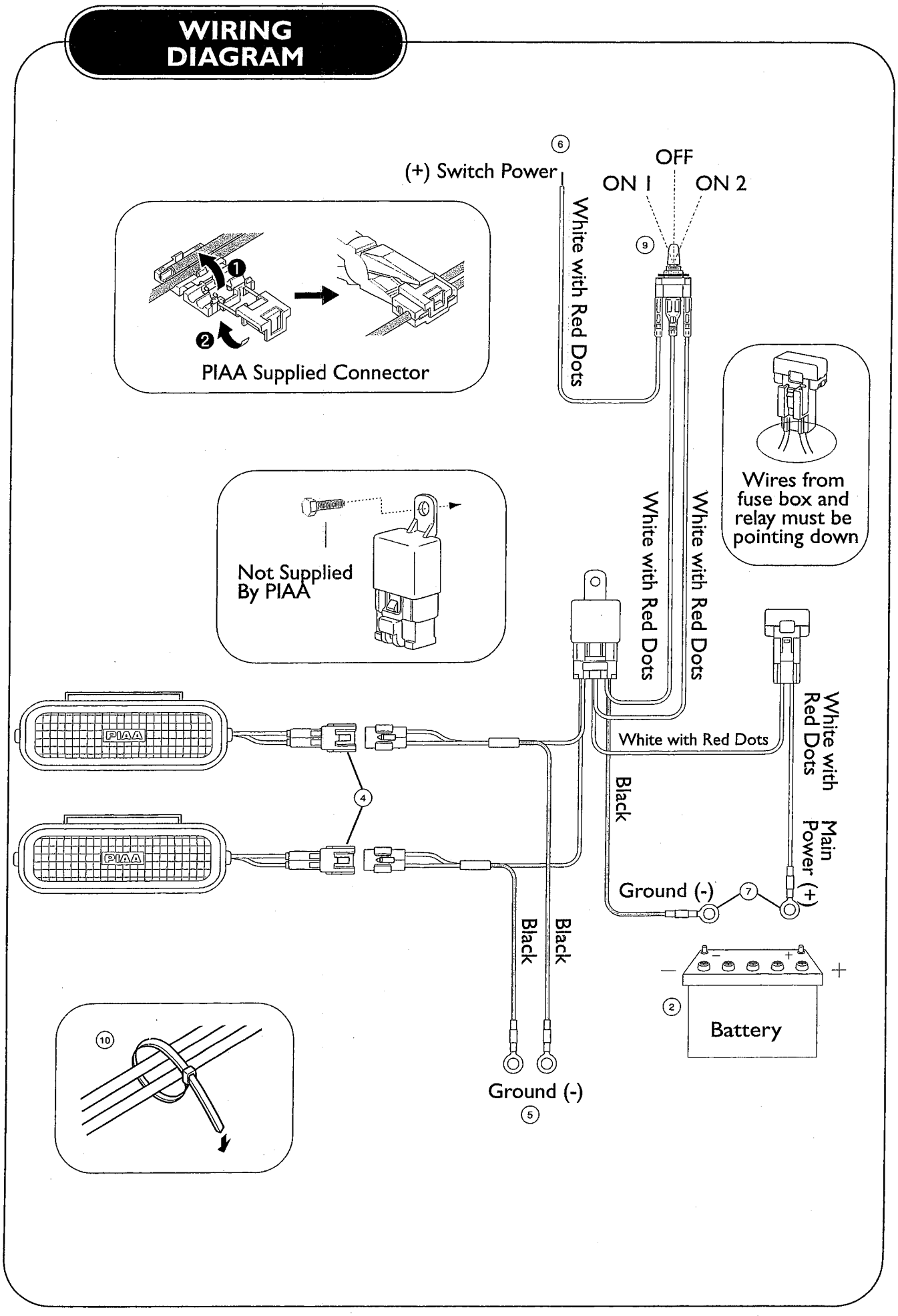
If the switch is in position ON2 the PIAA back up lamp will only come on when the vehicle is in reverse and the vehicles factory reverse lights are on.

If the switch in the OFF position the PIAA back-up lamp system will be off.

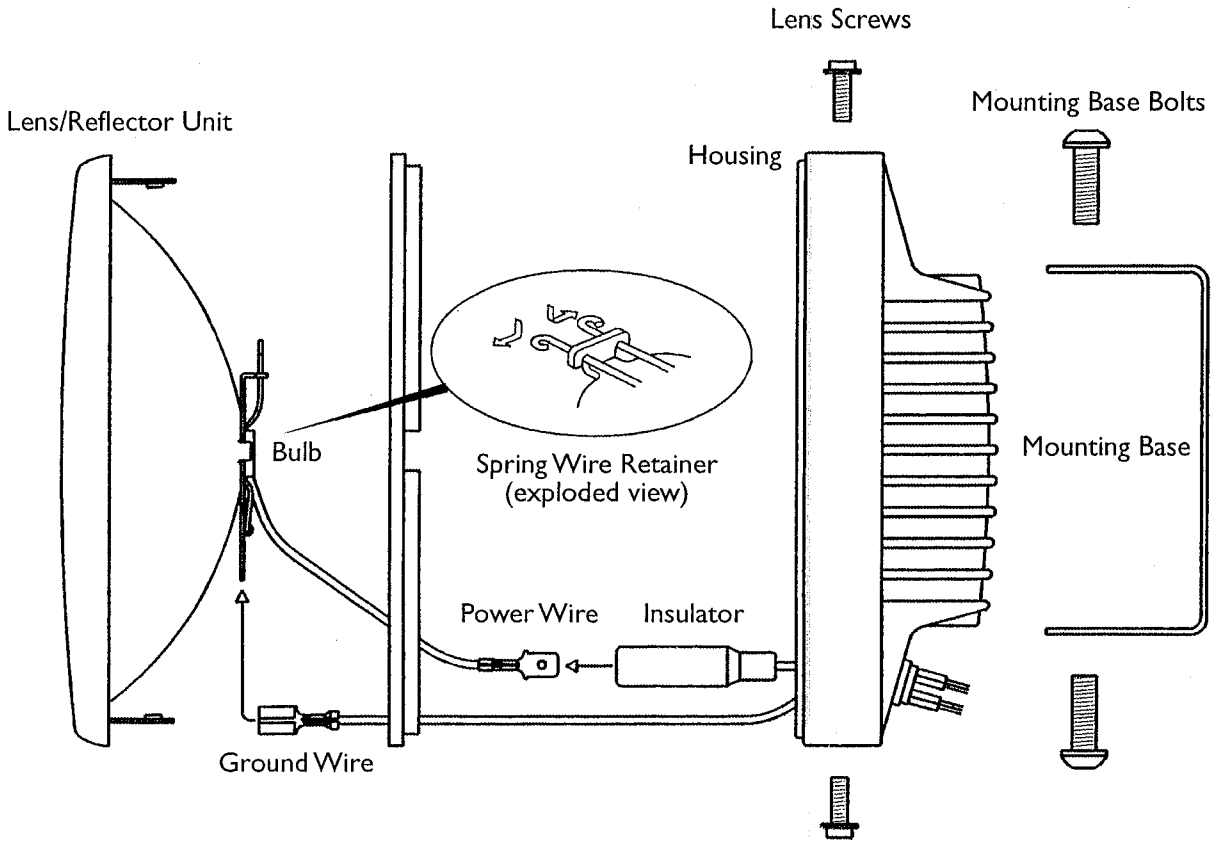
⑩ After checking the system for proper operation secure the PIAA harness with wire ties or other means to keep it away from moving vehicle components, hot components and to keep it from dragging on the ground.

⑪ If the system does not operate properly contact your PIAA dealer for assistance.

WIRING DIAGRAM



LAMP SERVICE



Use this illustration when changing the bulb
or repositioning the bracket for correct mounting.

PIAA LIMITED WARRANTY

With the exception of bulbs, PIAA Corporation, USA ("PIAA") warrants its products to be free from defects in workmanship and materials under normal use for as long as the original purchaser owns them.

EXCLUSIONS

This Limited Warranty specifically excludes defects resulting from misuse, abuse, neglect, alteration, modification, improper installation, unauthorized repairs, submersion, theft, vehicle crash, or by any other type of impact. Except for the Limited Warranty stated above, there are no warranties of PIAA products or any part thereof, whether express or implied. Any implied warranty of merchantability or any warranty of fitness for a particular purpose is expressly disclaimed. Some states do not permit the disclaimer of implied warranties.

LENS CRACKS

Crash or impact damage is not covered. This can be determined by a chip or scrape on the lens or the housing. Stress cracks sometimes occur when the lens is subjected to sudden and extreme temperature changes. A stress crack has no chip or other sign of impact. Stress cracks are covered under warranty.

EXCLUSION OF DAMAGES

In no event shall PIAA be liable for any damages whatsoever (including, without limitation, consequential damages, incidental damages, or damages for loss of use, loss of business profits, business interruption, loss of business information, loss of time, inconvenience, or other losses) arising out of the use, misuse, or inability to use a PIAA product. PIAA reserves the right to change the design its products without any obligation to modify any previous product. This warranty gives you specific legal rights. You may also have other rights that vary from state to state.

REPAIR AND REPLACEMENT

If a PIAA product is suspected of being defective, it must be submitted freight prepaid, to either an authorized dealer or distributor for warranty inspection. The receipt or other proof of purchase and a description of the problem must be included. The returned product will be inspected. If the product is found to be defective and covered by this Limited Warranty, the sole remedy is repair or replacement, at PIAA's option. A repaired or replacement product will be shipped back at no charge, and will be warranted to be free from defects in workmanship and materials under normal use for as long as the original purchaser owns it. Removal, installation, or reinstallation costs are not covered by this Limited Warranty.

PIAA CORPORATION

www.piaa.co.jp

www.piaa.com