



PIAA
POWERSPORTS

H.I.D. Conversion Kit
User Guide

PIAA Corporation was established with the commitment to manufacture world-class products that our customers could use with pride and confidence.

PIAA built its reputation with winning products. We became the industry leader due to our commitment to build only high quality products using solid design and construction from only the best materials, photometric engineering that results in race proven beam patterns, and reliable high output bulb technology. Our product quality and performance stand apart — as do our race results. PIAA has been lighting the way for winners in all types of Motorsports: Baja 1000, Paris-Dakar, US Pro Rally, 10 Hour Heartland Challenge ATV/UTV Endurance Race, and the 24 Hours of Daytona. Repeatedly.

PIAA...
Pride and Confidence
in People and Products.

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PIAA CORPORATION U.S.A., LIMITED PRODUCT WARRANTY

PIAA Corporation, USA (“PIAA”) warrants the H.I.D. Conversion Kits (bulbs, ballasts and wiring) for 2 years from the date of purchase.

Exclusions

This Limited Warranty specifically excludes defects resulting from misuse, abuse, neglect, alteration, modification, improper installation, unauthorized repairs, submersion, theft, vehicle crash or 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.

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 by state.

Repair or 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.

WARNINGS AND CAUTIONS WHEN INSTALLING AND USING PIAA H.I.D. CONVERSION HEADLIGHT BULBS

- PIAA H.I.D. ATV/UTV Conversion Headlight Bulbs are not for use on public roads. *They are designed and recommended for off-road use only.*
- Never touch the surface of the bulb with your bare fingers. This will cause the bulb to overheat and void the warranty. If the surface of the bulb is accidentally touched clean with cotton swab and alcohol.
- Always use supplied relay wiring harness to avoid overloading fuses and/or the light switch.
- Before installation, inspect bulbs to make sure there is no breakage, scratch or stain on the bulb. These can cause poor performance and premature bulb failure.
- Never extend the wiring length from the ballast through the igniter to the H.I.D. bulb. Lengthening the harness between the ballast, igniter and bulb can cause failure due to voltage drop and will void the warranty.
- Disconnect both the positive and negative terminals of the battery before installing PIAA H.I.D. Headlamp Conversion Bulbs.
- Do not drop, scratch or apply unreasonable force to the bulb. This could have an adverse affect on the performance of the bulb and will void warranty.
- Do not look directly into the lighted bulb when in close proximity.
- To avoid water contamination, always install relays in their upright position.
- Do not turn on power to the bulbs while holding the harness wires or ballast. The wiring from the igniter to the H.I.D. bulb is dangerous due to the extremely high voltage which is generated at the moment when the switch is powered on.
- Make sure the headlamp is turned off before turning on or off the engine. Turning the engine on or off can cause spikes in the electrical system which would adversely affect the bulb and cause premature bulb failure.
- Do not light the bulbs near flammable materials such as paper or fabric. Do not light the bulbs near gasoline, thinner, lacquer or other combustible liquids.
- Never touch the bulb just after it has been running. The light generates enough heat to cause a severe burn. Make sure that all bulbs are cooled off before handling.
- Never disassemble the PIAA H.I.D. Bulb, ballast, or igniter under any circumstance. Unauthorized maintenance will void the warranty. Further, PIAA assumes no liability for product performance or personal injury as a result of unauthorized repair or maintenance.
- These bulbs are to be used only with a 12 volt electrical system.

Questions or comments should be directed to PIAA Customer Service at service@paa-usa.com or by calling 800-525-7422 ext 1

H.I.D. CONVERSION KITS CONTENTS

All PIAA H.I.D. Conversion Kits include bulb(s), ultra-thin ballast, igniters, relay harness, hardware, harness ties and installation manual



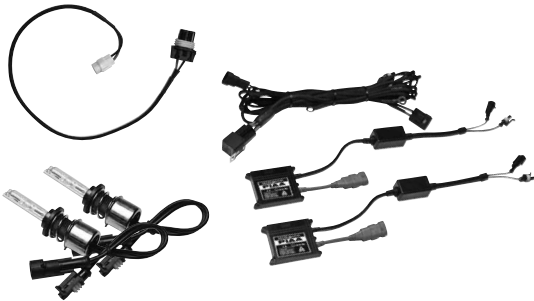
HS1 H.I.D. Conversion Kit PN 71191

Fits Kawasaki Teryx (through 2009) and Mule (through 2009).



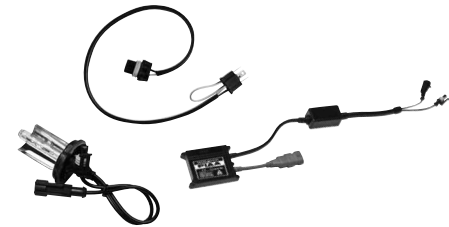
881 H.I.D. Conversion Kit PN 71891

Fits Polaris Ranger (2007–current), Polaris Razor (all years) and Arctic Cat Prowler (all years)



H6M H.I.D. Conversion Kit PN 71691

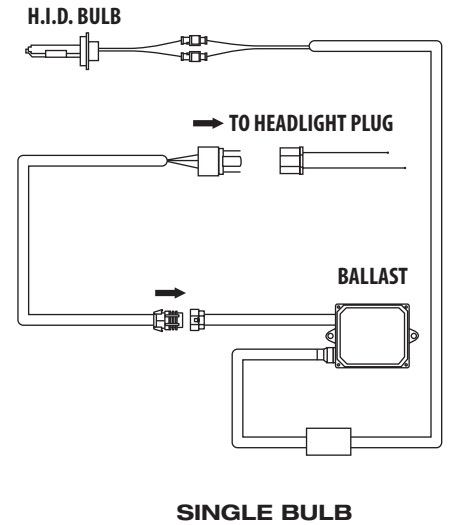
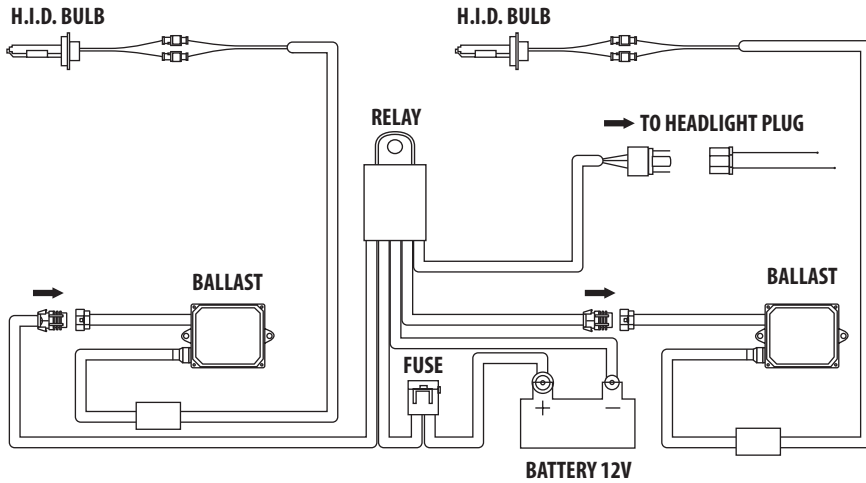
Fits Yamaha Rhino (all years) that use the H6M bulb (*Will not fit H6 bulb model with a black plastic base. Please check your model of bulb before ordering kit.*) and all ATV applications using the standard H6M bulb.



HS1 H.I.D. Conversion Kit - Single PN 71190

Fits all snow machines which use an HS1 or H4 headlight bulb.

WIRING DIAGRAM



INSTALLATION INSTRUCTIONS

PLEASE READ ALL WARNINGS AND CAUTIONS BEFORE INSTALLATION ON PAGE 3.

1. Disconnect both the positive and negative terminals of the battery before installing PIAA H.I.D. Headlamp Conversion Bulbs.
2. Unplug and remove stock headlight bulbs.
3. Install the PIAA H.I.D. bulbs making sure bulbs seat properly in the lamp housing. Be careful not to use unreasonable force or touch the bulb with your bare fingers.
4. Plug harness into the headlight bulbs as shown in wiring diagram on page 5.
5. Locate mounting position for relay and ballasts and attach to vehicle using hardware or wire ties provided.
6. Route the ground and the power leads to the battery making sure not to get the wires near any moving parts of the engine. (Do not attach to battery at this time.)
7. Route the yellow wire from the relay to the power wire that was attached to either the passenger side or drivers side stock headlight (see wiring diagram).
Note: If you use the lead on the drivers' side, the lead on the passenger side will not be used. Make sure this is tied off safely out of the way with a zip tie. If you use the lead from the passenger side of the vehicle then the drivers' side lead will not be used. This does not apply for single bulb installation as in some ATV's and snow machines.
8. Locate the long (black) ground wire coming from relay. Attach the ring terminal to negative battery terminal and clamp terminal to post.
9. Locate the red positive wire coming from the relay. Attach the ring terminal to the positive battery terminal and clamp terminal to post.
10. Check to make sure all wires are routed safely and are securely tied out of the way of any moving parts using the zip ties supplied.
11. Start the engine and turn on lights and enjoy the fantastic visibility you now have with the best H.I.D. system available.

Questions or comments should be directed to PIAA Customer Service at service@piaa-usa.com or by calling 800-525-7422 ext 1

PIAA POWERSPORTS H.I.D. CONVERSION KIT WARRANTY REGISTRATION
mail in or register online at www.piaapowersports.com

Name: _____

Address: _____ State: _____ Zip: _____

Email: _____

Bulb Type: _____ Vehicle Type: _____

Date of Purchase: _____ Purchased at: _____

Dealer Name: _____

Dealer Address: _____ State: _____ Zip: _____

Age: _____ M _____ F _____

My daily driver is a: _____

My favorite hobby besides spending time in my UTV: _____

Most of the information I read about Powersports comes from: the internet _____ magazines _____ other (please specify) _____

**PLACE
STAMP
HERE**

PIAA

POWERSPORTS

**PIAA Powersports H.I.D. Warranty
3004 NE 181st Avenue
Portland, OR 97230**