

# PIAA

2012-2013 Toyota Tacoma Vehicle Specific Kit Part # 5354

Thank you for purchasing PIAA product.  
Please read this entire manual carefully before installation.  
Keep this manual for reference after installation.



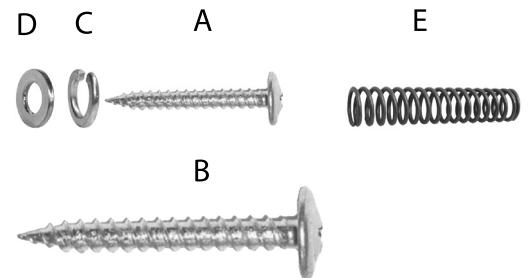
[www.piaa.com](http://www.piaa.com)  
3004 NE 181st Ave. Portland, OR 97230  
800-525-7422

# Contents

- A. LP530 LED Driving Lamps (2)
- B. Tacoma Lamp mounting Brackets (2)
- C. Wiring Harness (1)
- D. Mounting Hardware (1)

## Hardware Pack Contents

- A. 3/4" Stainless Lath Screws (4)
- B. 2" Stainless Lath Screw (4)
- C. 1/4" Lock Washers (8)
- D. 1/4" Flat Washers (8)
- E. 11/32" x 1-3/4" Compression Springs (4)



# What You Will Need

10mm Open Ended Wrench



Phillips Screw Driver (Short Recommended)



Wire Cutters



# Installation Instructions

Note: Before starting the installation, please remove the negative (-) battery terminal from the battery post.

1. Remove the PIAA bracket that comes on the LP530 lamps with an 8mm open-ended wrench or a phillips head screw driver. (picture 1)

picture 1



2. Install the Tacoma mounting brackets to the LP530 lamps using the existing hardware that you removed in step one like you see in picture 2.

picture 2



3. Remove (2) 10mm bolts from underside of the bumper holding front mud guard. (see picture 3)

picture 3



4. Unplug factory fog lamp and remove 2 screws towards the outside of the bumper holding OEM fog light as shown in picture 4.

picture 4



5. Assemble (2) 3/4" lath screws with 1/4" lock washer and 1/4" flat washer as shown in picture 5.

picture 5



6. Assemble (2) 2" lath screws with 1/4" lock washer, 1/4" lock washer and 1-1/2" compression spring shown in image 6.

picture 6



# Installation Instructions

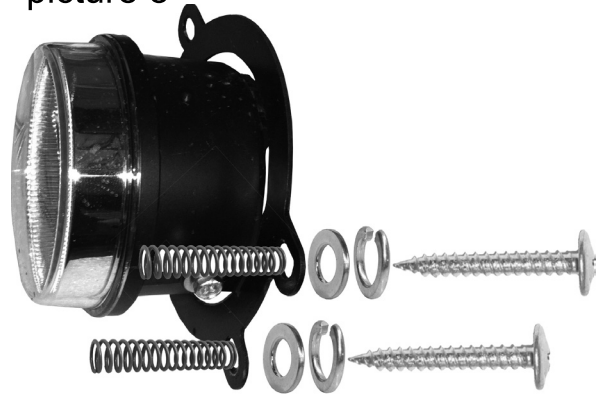
5. Using the smaller 3/4" screws you just assembled, align PIAA bracket up to factory holes towards the outside of the bumper and snug to outside screw holes. Do not tighten as you will need some adjust-ability for inside mounting screws and compression springs when aiming the lights. See picture 7

picture 7



6. Take 2" screw and washers and pass them through the PIAA mounting bracket and compression spring into the plastic factory mounting shown in picture 8.

picture 8



Note: make sure the tip of the screw hits the center of mounting platform shown in picture 9.

picture 9



7. At this time make sure PIAA lights aligned in factory openings and level with PIAA logo reading right side up. ( picture 10)

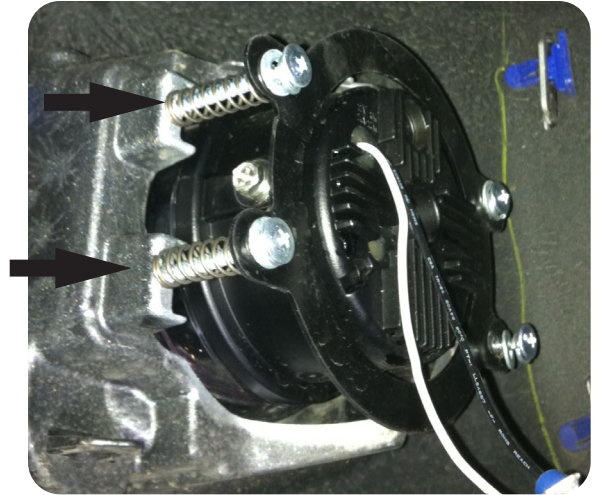
picture 10



# Installation Instructions

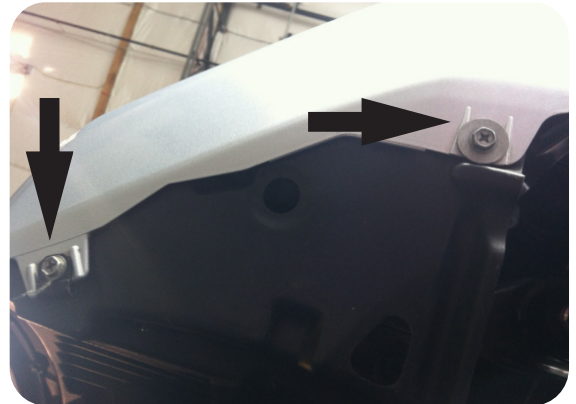
8. Once everything is aligned, go ahead and tighten down all mounting hardware. Note: Do not over tightening screws as they will strip out of the factory plastic mounting points. After snugging up all hardware see page 7 for aiming instructions and you can aim the lights by compressing the spring in the mounting assembly. See picture 11

picture 11



picture 11

9. Now you can start installation wiring harness. For wiring instructions see page 6. Replace the (2) 10mm factory bolts and screws on both sides that mount the front mud guards that were removed in step 3.

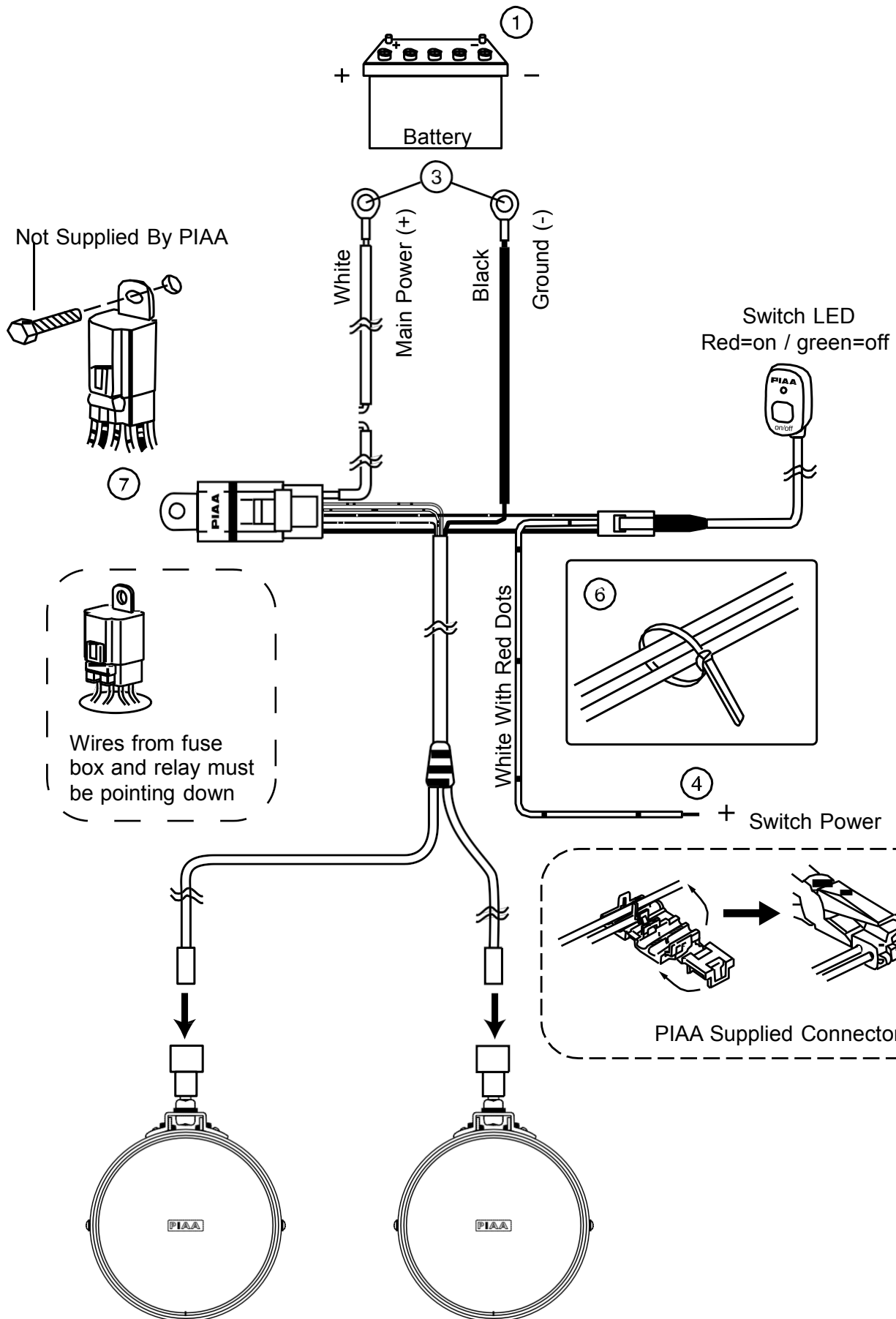


picture 12

10. On the driver side of the vehicle located on the firewall, there is the fuse box bracket and 10mm bolt going into the firewall. This makes a easily accessible location for mounting the PIAA relay. Do not over tighten the bolt as it may break the PIAA relay mounting hole. (picture 12)

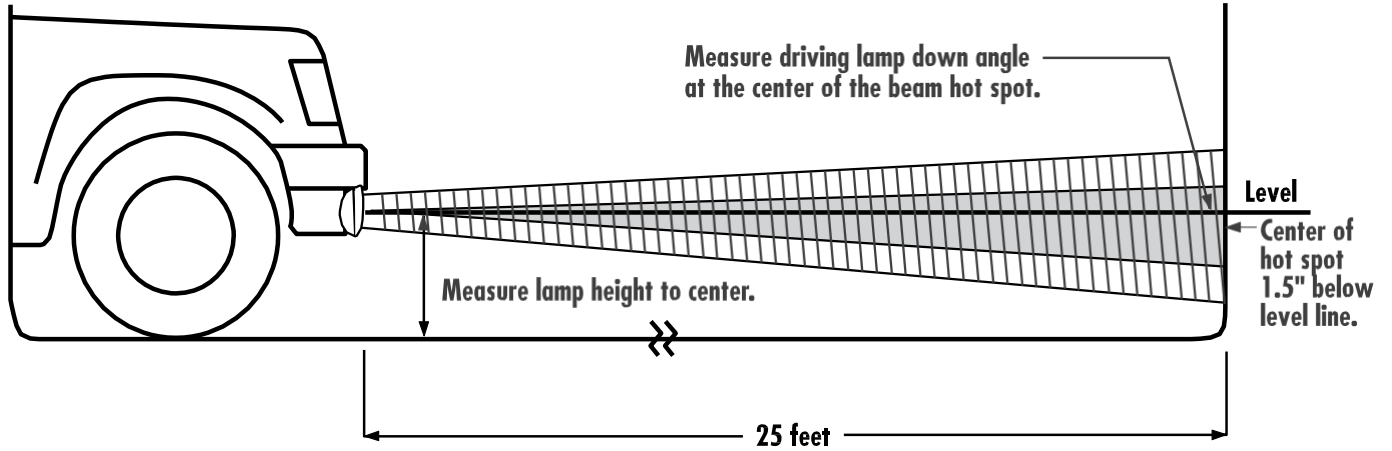


# WIRING DIAGRAM



# Aiming Instructions

Visual aim is made with the center of the beam hot spot 1.5 inches below the lamp center at 25 feet with the lamp facing straight forward. (see below.)



## CAUTION

Do not use driving lights into oncoming traffic.  
Driving lights should never be the only forward light source.  
Driving lights should only be used with the headlamp high beams.

# 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

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 of 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, USA

3004 NE 181st Avenue Portland, Oregon 97230

Telephone: 503.489.6666 - Fax: 503.489.6600 - Web: [www.piaa.com](http://www.piaa.com)