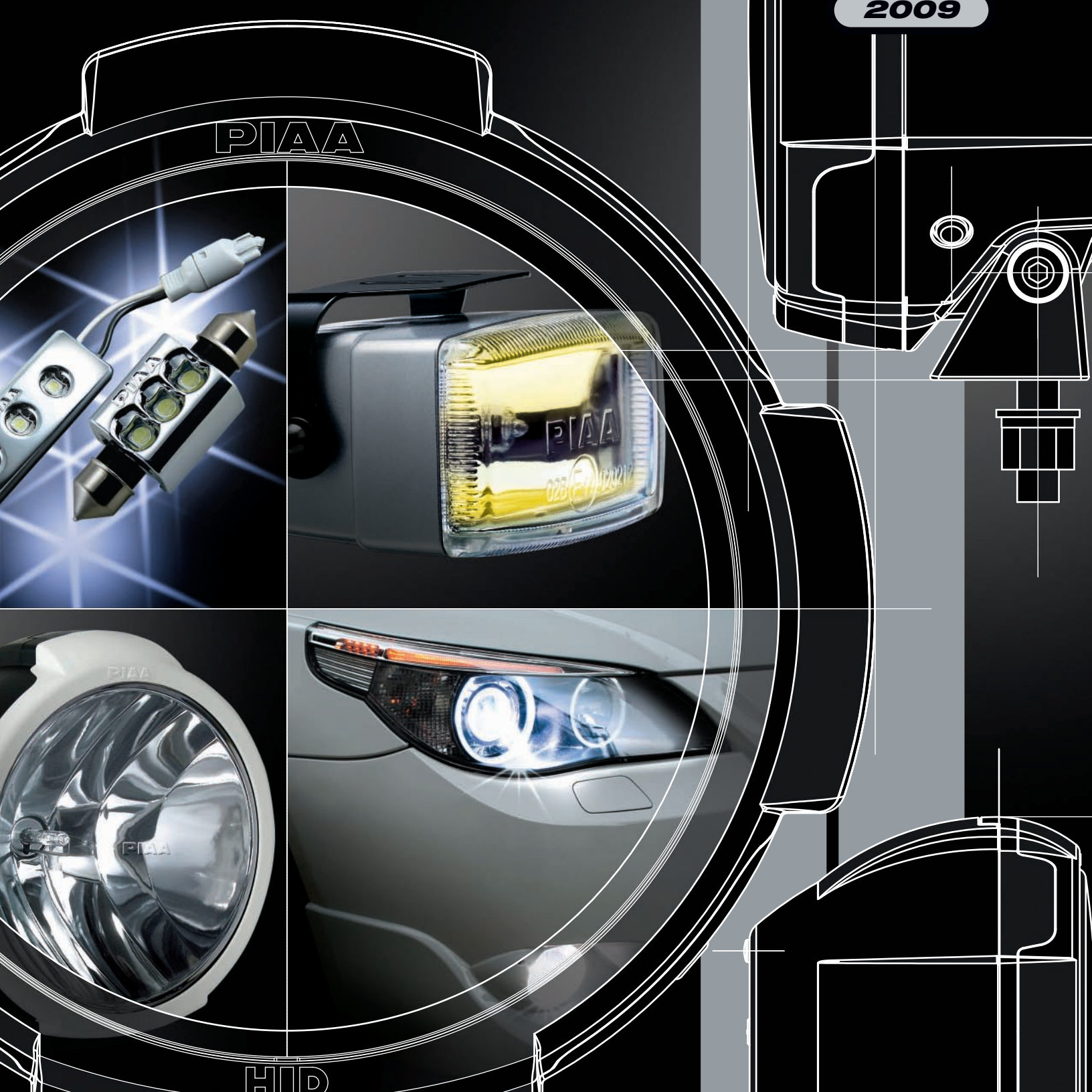


# PIAA

HIGH PERFORMANCE LIGHTING SYSTEMS

2009



PIAA

PIAA

PIAA

PIAA

HID



2000 ION CRYSTAL



510 ATP



520 ATP



8" H.I.D.  
SHOCK LAMP

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

Then, PIAA built its reputation with winning products. We became the industry leader thanks to our race-proven, easy-to-install lamps and bulbs and lifetime warranty. **Our product quality and service stands apart.** As does our race results. Baja 1000. Paris-Dakar. SCORE off-road. 24 Hours of Daytona. US Pro Rally. 12 Hours ATV America. Moto-ST. PIAA helped win them all. Repeatedly.

PIAA...pride and confidence in people and products.





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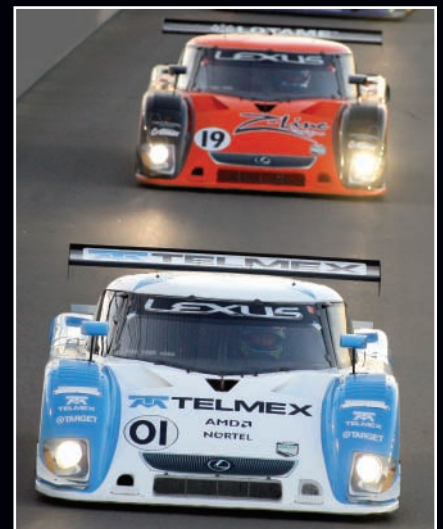
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### **RIVIERA RACING** Winner of Baja 1000 and overall SCORE points championship

At the Baja 1000, the top two finishers in the highly competitive Trophy-Truck class relied on PIAA HID lamps to light the quickest route over the brutal, unyielding Mexican terrain. Taking the class win – and clinching the SCORE Trophy-Truck season championship – was the Foothill Ranch, Calif.-based, PIAA-sponsored Riviera Racing team of Mark Post, Rob MacCachren and Carl Renezeder. The trio piloted their No.3 Ford F-150 across the 1,300-mile distance in 25 hours, 21 minutes and 25 seconds (51.13 mph average), despite rain and dust throughout the distance.

The Riviera Racing Ford F-150 was equipped with 11 (yes, 11!) powerful PIAA 800 HID lamps, nine driving and two fog pattern. And, according to MacCachren, the performance was, well, brilliant: **"We had no dark spots in the pattern. The PIAA HID driving lamps gave us the range to run flat-out with enough spread to blend the patterns together seamlessly."**



### **CHIP GANASSI GRAND AM PROTOTYPES**

Winner of the Rolex 24 Hours of Daytona three years in a row have used PIAA Lighting.

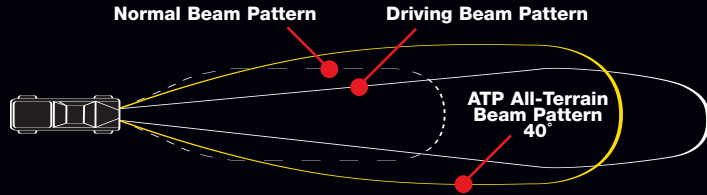
In winning the Rolex 24 at Daytona – the longest and most grueling sports car race in North America – Chip Ganassi Racing relied on PIAA 600 Series HID lamps to light the way to Victory Lane.

In the words of Chip Ganassi Racing Grand Am Team Manager Tim Keene, **"The lights were awesome!"**

LAMP SELECTION GUIDE

**NEW** ATP All-Terrain Lamps

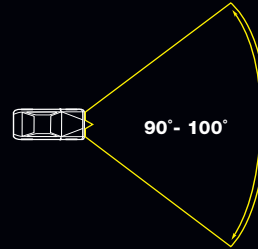
PIAA engineers addressed the needs of off-road racers by creating the ATP (All-Terrain Beam Pattern), which gives the ultimate combination of spread, height, and distance for off-road use.



Fog/Foul Weather Lamps

Fog/Foul Weather Lamps enhance your vehicle's low beams for improved visibility in rain, fog, or snow. Distance of illumination is similar to your vehicle's low beam. Fog/Foul Weather Lamps are available in amber or clear beam color.

Beam Pattern



Driving Lamps

Driving Lamps are designed to increase the range and brightness of your vehicle's high beams. They are especially useful at higher cruising speeds where they help to identify hazards and signs long before they would be seen with high beams only. All Driving Lamps are extremely bright and must be dimmed with the high beams.

Beam Pattern



Dichroic Driving Lamps

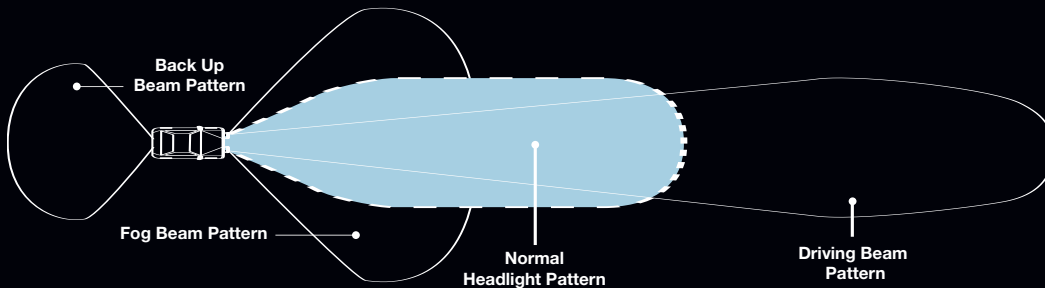
Dichroic Driving Lamps enhance your vehicle's high beams. Their broad beam pattern is especially useful on dark back roads, dramatically increasing visibility up and down hills and around corners.

Beam Pattern



For drivers who require both fog/foul weather and driving lamps, PIAA offers the perfect solution – **PIAA Dual Lamps**. The PIAA Dual Halogen Lamp Systems feature a standard fog lamp combined with a driving lamp in a single housing. Dual lamps provide a cost effective solution for all driving conditions while offering a uniquely appealing, high-end appearance.

PIAA BEAM PATTERNS



LEGEND

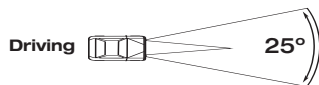
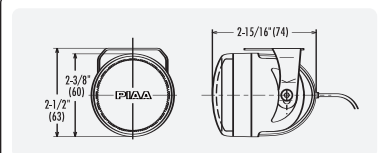
- Xtreme White Technology
- Ion Crystal Technology
- Star White Technology
- Intense White Technology
- Super Plasma GT-X Technology



## 004XT XTREME WHITE

Compact design and high output Xtreme White bulb combine to provide maximum performance and versatility. The 004XT has a wide variety of applications for cars, trucks, and SUVs.

Discover for yourself what a difference a little light can make.



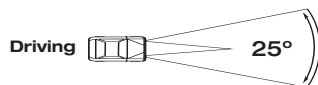
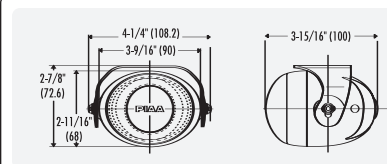
**Available In** Xtreme White Driving  
**Bulb Type** 12V - H3 55 watt = 110 watt XTRA Xtreme White  
**Description** Silver PPS housing, ultra light weight, and compact  
**Kit Includes** Two lamps, wiring harness, relay, and switch

	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Xtreme White Driving</b>	0492	0412	30412	15256	34085	33086 (PL5FB)	30034	N/A



## P-1000XT PLATINUM XTREME

Following the tradition of the original PIAA 1000 this lamp combines a well-proven design with the latest technology to produce the ultimate driving lamp. The P-1000XT is clearly the proven market leader in the small lamp category.



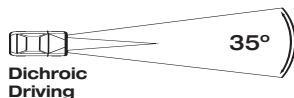
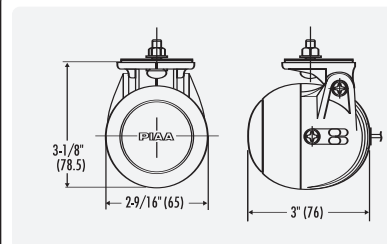
**Available In** Xtreme White Driving  
**Bulb Type** 12V - H3 55 watt = 110 watt XTRA Xtreme White  
**Description** Silver PPS housing, chrome plated aluminum trim ring, and glass lens  
**Kit Includes** Two lamps, wiring harness, relay, and switch

	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Xtreme White Driving</b>	1094	1024	31024	15256	34085	33086 (PL5FB)	30034	N/A



## 1100X PLATINUM

World's smallest Dichroic Driving Lamp. The 1100X compact design adds to the versatility of this light without sacrificing performance and talk about fashion. Wow! It is easy to see why the 1100X stays at the top of PIAA's top selling list.



**Available In** Super White Driving  
**Bulb Type** 12V - Dichroic 55 watt = 85 watt XTRA Super White  
**Description** Silver PPS housing, chrome plated aluminum trim ring, and glass lens  
**Kit Includes** Two lamps, wiring harness, relay, and switch

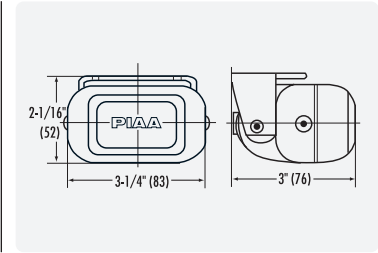
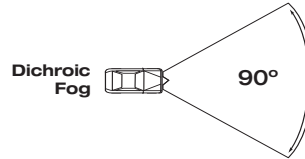
	complete kit PN	single lamp PN	single lens PN	replacement lens/bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Super White Driving</b>	1192	1112	N/A	15352	34085	33086 (PL5FB)	30034	N/A

## 1400 SERIES

The compact 1400 is the world's smallest fog lamp. Utilizing a Multi-Surface Reflector the 1400 provides an effective fog pattern. Although initially designed specifically for the Sport Compact market our customers have discovered a wide range of applications for this lamp.



**Available In** Ion Crystal Fog and Clear Fog  
**Bulb Type** 12V – Dichroic 55 watt = 85 watt XTRA  
**Description** Black PPS housing and glass lens  
**Kit Includes** Two lamps, wiring harness, relay, and switch



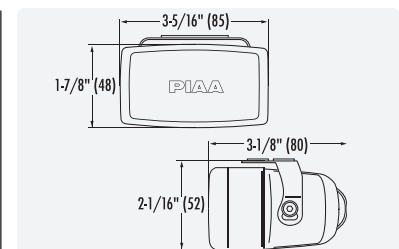
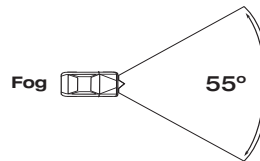
	complete kit PN	single lamp PN	single lens PN	replacement lens/bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Ion Crystal Fog</b>	1451	1401	N/A	13351	34085	33086 (PL5FB)	30034	N/A
<b>Clear Fog</b>	1450	1400	N/A	13350	34085	33086 (PL5FB)	30034	N/A

## NEW 2000 SERIES

Featuring a compact size and PIAA's proven Super Multi-Surface Reflector fog beam, the 2000 is the ideal lamp for both automotive and powersports applications, either on the road or off.



**Available In** Ion Crystal Fog  
**Bulb Type** H3 55 watt = 85 watt XTRA Plasma Ion Yellow  
**Description** Silver housing with glass lens  
**Kit Includes** Two lamps, wiring harness, relay, and switch.



	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Plasma Ion Yellow Fog</b>	2091	2011	32011	13555	34085	33085 (PL5FB)	30034	N/A



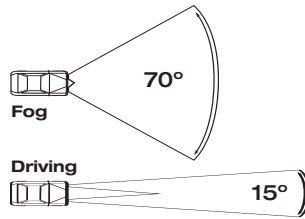
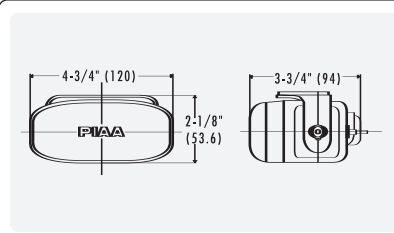
**2000 Ion Crystal Fog lamp**



## 2100 SERIES



Uniquely designed compact housing works in conjunction with the aerodynamic shape of today's vehicles. Multi-Surface Reflector produces a razor sharp horizontal cutoff beam.



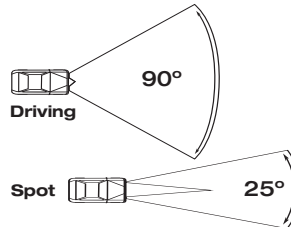
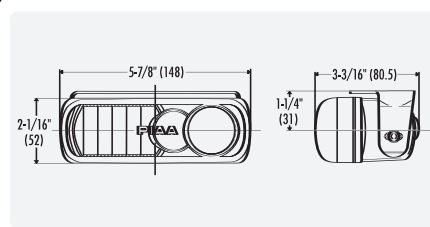
**Available In** Xtreme White SMR Fog or Driving  
**Bulb Type** 12V-H3 55 watt = 110 watt XTRA Xtreme White  
**Description** Silver PPS composite housing, chrome plated trim ring, glass lens, and Multi-Surface Reflector  
**Kit Includes** Two lamps, wiring harness, relay and switch

	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Xtreme White SMR Fog</b>	2190	2110	32110	15256	34085	33086 (PL5FB)	30034	N/A
<b>Xtreme White SMR Driving</b>	2192	2112	32112	15256	34085	33086 (PL5FB)	30034	N/A

## P-3000 TRI BEAM



PIAA's revolutionary patented design Tri-Beam system represents the most advanced reflector technology available on the market today. One of the first truly "functional" multi-beam lamps of its kind. The P3000 features a Plasma Ion Driving, Xtreme White Spot and a Plasma Ion Marker. Sensational style and performance!



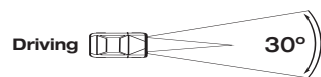
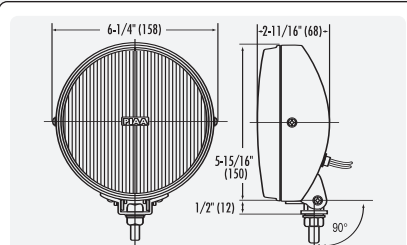
**Available In** Plasma Ion Yellow Driving with Xtreme White Spot, and Plasma Ion Yellow Marker  
**Bulb Types** 12V-H3 55 watt = 85 watt XTRA Plasma Ion Yellow for Driving, 12V-H3 55 watt = 110 watt XTRA Xtreme White for Spot Beam, 12V-168 5 watt Plasma Ion Yellow for marker  
**Description** Black aluminum housing, glass lens, and Tri-Beam system  
**Kit Includes** Two lamps, wiring harness, relay, and switch

	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Tri-Beam</b>	3051	3011 passenger 3013 driver	33011 passenger 33013 driver	13555 driving 15256 spot 19173 marker	34210	33086 (LR-18) 2 pc	30035	N/A



## 40 ROUND

Durability, dependability and reliability add up to make the 4062 lamp the best value in the market today. With its prism cut glass lens for optimum clarity, stamped steel corrosion resistant housing, and powerful 55 watt quartz halogen bulb, the 4062 is unmatched in value to performance ratio.



**Available In** Clear Driving  
**Bulb Type** 12V - H3 55 watt  
**Description** Black stamped steel housing, and glass lens  
**Kit Includes** Two lamps, wiring harness, relay, switch, and two white lamp covers with black lettering

	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Clear Driving</b>	4062	4012	34012	13055	34085	33086 (PL5FB)	30034	44010

**Ford Super Duty mounting kit with 410 Intense White Driving Lamps (mounting kit on page 17)**

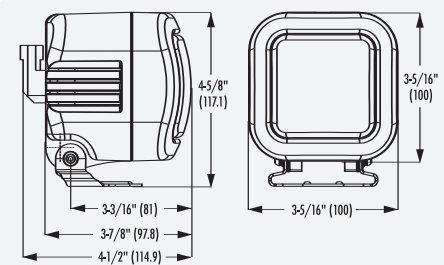
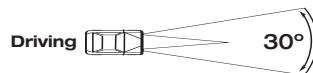


### 410 SERIES

PIAA's new 410 Driving Lamps are absolutely sensational! Now you can replace your factory fog lamps with a driving lamp that clearly outshines them all. The new 410 Driving Lamp features PIAA's new Intense White beam color and is specifically designed to fit in a square opening in your bumper or grill, such as the Ford Super Duty and a variety of other vehicles.



**Available In** Intense White Driving  
**Bulb Type** 12V – 9005 60 watt = 120 watt XTRA  
**Description** Silver PPS housing  
**Kit Includes** Two lamps, wiring harness, relay, and switch



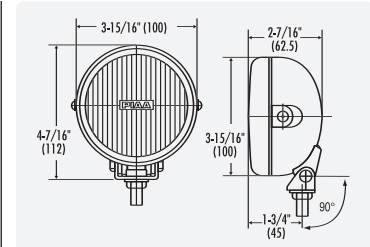
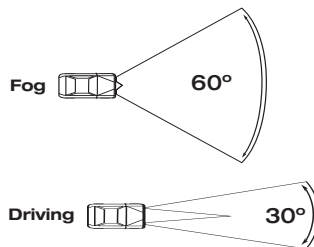
	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Intense White Driving</b>	4152	4102	34102	10915	34087	33086 (LR-33E)	30034	N/A

### 510 SERIES

PIAA's #1 selling lamp series. Exceeds SAE durability and corrosion standards. The compact and ultra thin housing provides for a multitude of applications. With its 4" diameter the 510 is a natural for today's cars and trucks with round openings in the bumper and or front spoiler.



**Available In** Ion Crystal Fog, Super White Driving, Xtreme White SMR Driving, and Xtreme White SMR Fog  
**Bulb Type** 12V – H3 55 watt = 85 watt XTRA  
 12V – H3 55 watt = 85 watt XTRA Super White  
 12V – H3 55 watt = 110 watt XTRA Xtreme White  
**Description** Black stamped steel housing and glass lens. Ion Crystal Fog, Xtreme White SMR Driving, and Xtreme White SMR Fog SAE compliant.  
**Kit Includes** Two lamps, wiring harness, relay, switch, and two black mesh style covers  
**Cover Options** White with black letters (PN 45100)



	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Ion Crystal Fog</b>	5161	5101	35101	13455	34085	33086 (PL5FB)	30034	45102
<b>Super White Driving</b>	5164	5104	35104	13910	34085	33086 (PL5FB)	30034	45102
<b>Xtreme White SMR Driving</b>	5192	5112	35112	15256	34085	33086 (PL5FB)	30034	45102
<b>Xtreme White SMR Fog</b>	5190	5110	35110	15256	34085	33086 (PL5FB)	30034	45102

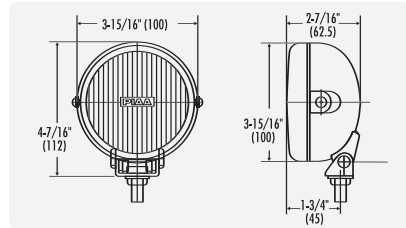


# ATP



## NEW 510 ATP

The 510 All-Terrain Pattern (ATP) provides a beam pattern with the perfect combination of height, width, and distance.



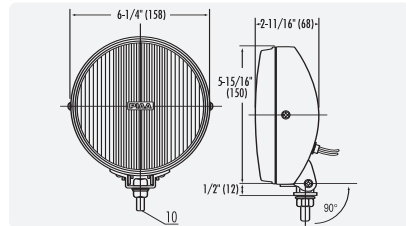
**Available In** Intense White ATP (All-Terrain Pattern)  
**Bulb Type** 12V - H3 55 watt = 110 watt XTRA Intense White, 4100K  
**Description** Black stamped steel housing and glass lens.  
**Kit Includes** Two lamps, wiring harness, relay, and switch.

	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Intense White ATP</b>	5196	5106	35106	10933	34085	33086 (PL5FB)	30034	45102



## 520 ATP

Professional racers are a demanding lot. So, when they asked PIAA to create the ultimate off-road beam pattern, well, we took up the challenge. Enter the PIAA 520 ATP lamp, powered by PIAA's proprietary All-Terrain Pattern (ATP) technology, which delivers a beam with the perfect combination of height, width and distance. And that's no idle boast. Pick up a set of 520 ATPs and see for yourself.



**Available In** Xtreme White ATP (All-Terrain Pattern)  
**Bulb Type** 12V - H3 85 watt = 135 watt XTRA Xtreme White  
**Description** Black stamped steel housing and glass lens  
**Kit Includes** Two lamps, wiring harness, relay, switch, and two black mesh covers

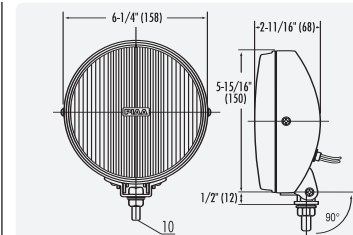
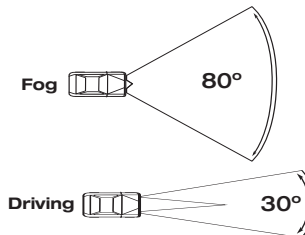
	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Xtreme White ATP</b>	5296	5216	35206	15286	34260	33260 (LR-21)	30034	45022



## 520 SERIES

The number one best selling truck lamp on the market today. The 520 compliments more brush guards than any other lamp available. The reason? Simply the best combination of fashion and performance in its class. No brush guard should be without a set of PIAA 520s!

**Available In** Ion Crystal Fog, Ion Crystal Driving, and Xtreme White Plus SMR Driving  
**Bulb Type** 12V - H3 85 watt Ion Crystal Fog & Driving, 12V - H3 55 watt = 110 watt XTRA Xtreme White Plus SMR Driving  
**Description** Black or chrome plated stamped steel housing, and glass lens. Xtreme White Plus SMR Driving has Multi-Surface Reflector, SAE compliant  
**Kit Includes** Two lamps, wiring harness, relay, switch, and two mesh style lens covers



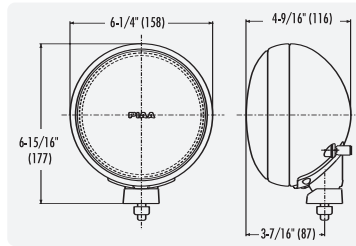
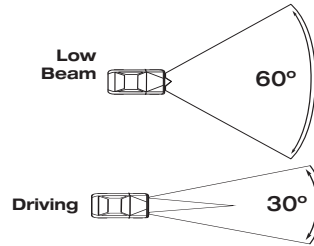
	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Ion Crystal Fog Chrome</b>	5261	5201	35201	13085	34260	33260(LR-21)	30034	45020
<b>Ion Crystal Driving Chrome</b>	5263	5203	35203	13085	34260	33260(LR-21)	30034	45020
<b>Ion Crystal Fog Black</b>	5291	5211	35201	13085	34260	33260(LR-21)	30034	45022
<b>Ion Crystal Driving Black</b>	5293	5213	35203	13085	34260	33260(LR-21)	30034	45022
<b>Xtreme White Plus SMR Driving Chrome</b>	5264	5204	35202	15256	34260	33260 (LR-21)	30034	45020
<b>Xtreme White Plus SMR Driving Black</b>	5294	5214	35202	15256	34260	33260 (LR-21)	30034	45022

## 525 SERIES

The 525 packs a multitude of features for today's truck and SUV owner: along with an H4 dual beam system, the 525 features PIAA's highly effective SMR (Super Multi-Surface Reflector) technology. The 525's most unique feature is the incorporation of PIAA's Multipurpose High Intensity LED technology that creates a glowing effect when the main bulb is switched off. You simply have to see the 525 illuminated!



- Available In** Clear High and Plasma Ion Low beam with Blue Reflector
- Bulb Type** 12V - H4 60/55 watt = 110/100 watt XTRA Twin beam 12V - White LED
- Description** Black stamped steel housing, and glass lens
- Kit Includes** Two lamps, wiring harness, relay, switch, and two black mesh style lens covers



	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	LED Bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Clear High &amp; Plasma Ion Low beam</b>	5250	5258	35258	14561	19263	34400	33086 (LR-24E)	30035	45252



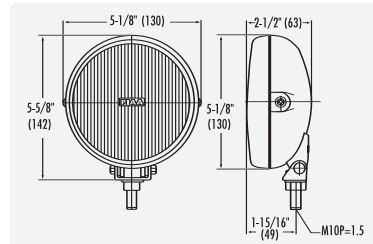
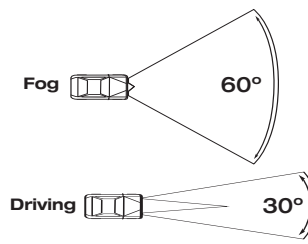
**Toyota Tundra mounting kit with 540 Xtreme White Driving Lamps (page 17)**

## 540 SERIES

Big, bold design in a small package. Ultra thin housing allows for easy installation. Designed specifically for small, mid-size trucks and SUVs. Unique black mesh style lens cover offers additional protection while enhancing your vehicle's appearance.



- Available In** Plasma Ion Fog and Xtreme White Driving
- Bulb Type** 12V - H3 55 watt = 85 watt XTRA fog, and 12V - H3 55 watt = 110 watt XTRA Xtreme White Driving
- Description** Black stamped steel housing, and glass lens. Xtreme White Driving SAE compliant
- Kit Includes** Two lamps, wiring harness, relay, switch, and two black mesh style covers

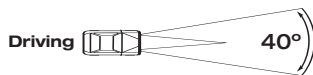
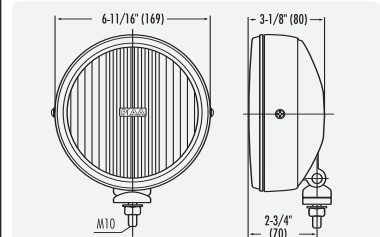


	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Plasma Ion Fog</b>	5461	5401	35401	13455	34085	33086(PL5FB)	30034	45400
<b>Xtreme White Driving</b>	5462	5402	35402	15256	34085	33086(PL5FB)	30034	45400



## 580 SERIES

Designed specifically for today's mid to full size trucks and SUVs. Extremely powerful with PIAA's XTRA technology provides 135watt performance from an 85watt bulb. The blue hue provided by PIAA's Xtreme White technology provides the ultimate in fashion and performance. The 580 Series kit includes PIAA's newly designed heavy duty wiring harness, especially suited to handle high wattage bulbs.



**Available In** Xtreme White Driving

**Bulb Type** 12V – H3 85 watt = 135 watt XTRA Xtreme White

**Description** Black aluminum housing, and glass lens

**Kit Includes** Two lamps, wiring harness, relay, switch, and two black grill lens covers

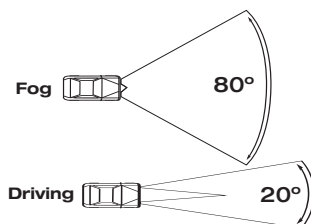
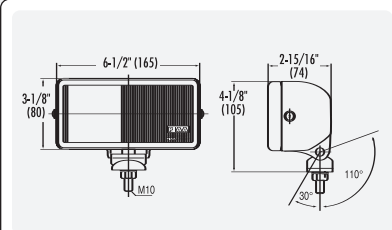
**Cover Options** Solid white with black letters (PN 48400)

	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Xtreme White Driving</b>	5862	5802	38302	15286	34260	33260 (LR-21)	30034	45801

## 940 TWIN BEAM



Combination fog and driving lamp within the same housing. Switching between driving lamp and fog lamp allows the driver to adjust instantly to changing driving conditions. One piece reflector with dedicated fog and driving pattern. Die cast aluminum construction with black powder coated finish provides a lifetime of rust free protection in the most severe conditions.



**Available In** Plasma Ion Yellow Fog and Star White Driving Dual System

**Bulb Types** 12V – H3 55 watt = 85 watt Plasma Ion Yellow for Fog, 12V – H3 55 watt = 85 watt Star White for Driving

**Description** Black aluminum housing, glass lens, and dual lamp system

**Kit Includes** Two lamps, wiring harness, relay, switch, and two lamp covers with black logo

	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Plasma Ion Yellow Fog and Star White Driving Dual System</b>	9491	9411 passenger 9413 driver	39400 passenger 39402 driver	13555 fog 13910 driving	34210	33086(LR-18) 2pcs	30035	49401

# SHOCK LAMP

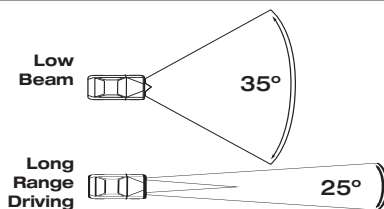
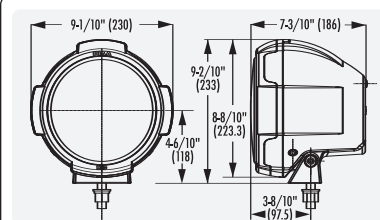
**NEW**

## RS800 HALOGEN SHOCK LAMP



Whether you're racing across Baja or simply traversing your favorite back road, the RS800 Halogen Shock Lamp offers unmatched durability. It's indestructible, with its high impact resistant polyamide housing, unbreakable polycarbonate hard clear-coated lens, and stout mounting system. Even better, the Shock Lamp features computer-designed Multi-Surface Reflector with Twin Color Dual Beam H4 bulb. The result? Legendary PIAA illumination in a package engineered to perform anywhere - in any conditions.

Designed specifically for race applications, the PIAA Shock lamp is not sold as a complete kit. See details below. Not recommended for highway use.



**Available In** Clear High and Plasma Ion Low beam

**Bulb Type** 12V – H4 60/55 watt = 110/100 watt XTRA Twin beam 12V

**Description** Black polyamide housing with unbreakable polycarbonate clear coated lens, white trim ring, and Multi-Surface Reflector

**Kit Includes** Single lamp. Wiring harness sold separately.

	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Clear High &amp; Plasma Ion Low beam</b>	8018	38018	14561	34088	33260 (LR-21)	30035	N/A





**1500 BACK-UP Lamps**

**1500 BACK-UP**

The 1500 Back-Up kit with two lamps provides maximum illumination for both rear and peripheral visibility. With the 1500 Back-Up's wide flood beam pattern and ultra low profile design for maximum ground clearance the 1500 is the best choice for safe and effective rear illumination. The 1500 Back-Up Lamp also makes a great work/utility light due to its spread beam.



<p><b>Available In</b> Clear Flood Back Up</p> <p><b>Bulb Type</b> 12V - H3 55watt</p> <p><b>Description</b> Black PPS housing and glass lens</p> <p><b>Kit Includes</b> Two lamps, wiring harness, relay, and switch. Lamp covers sold separately.</p>								
	<p><b>complete kit PN</b> 1540</p> <p><b>single lamp PN</b> 1520</p> <p><b>single lens PN</b> 31520</p> <p><b>replacement bulb PN</b> 13055</p> <p><b>wiring harness PN</b> 34046</p> <p><b>relay PN</b> 33046 (LR-22E)</p> <p><b>switch PN</b> 30022</p> <p><b>lamp cover PN</b> N/A</p>							

**DËNO-3 REAR FOG LED**

Making night-time and inclement weather driving as safe as possible has always been a priority for PIAA. That's why we developed the PIAA Dëno-3 Red Rear Fog lamp. With 12 horizontally aligned High-Intensity LEDs, the Dëno-3 provides a brilliant signal for vehicles approaching from the rear. The PIAA Dëno-3 installs in minutes. A smart choice when avoiding collisions can come down to seconds.



<p><b>Lamp Kit PN</b> 19155</p> <p><b>Description</b> Twelve LEDs are aligned horizontally in a clear reflector compartment.</p>		
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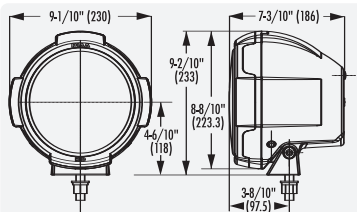
# H.I.D. TECHNOLOGY FROM PIAA



## RS800 H.I.D. SHOCK LAMP

Whether you're racing across Baja or simply traversing your favorite back road, the RS800 H.I.D. Shock Lamp offers unmatched durability. It's indestructible, with its high impact resistant polyamide housing, unbreakable polycarbonate hard clear-coated lens, and stout mounting system. The Shock Lamp features a fully integrated ballast and computer-designed, Multi-Surface Reflector. The result? Legendary PIAA H.I.D. illumination in a package engineered to perform anywhere – in any conditions.

Designed specifically for race applications, the PIAA Shock lamp is not sold as a complete kit. See details below. Not recommended for highway use.



**Available In** H.I.D. Long Range Driving  
**Bulb Type** 12V - D2S H.I.D. 35 watt  
**Description** Black polyamide with glass fiber housing, polycarbonate with hard clear coat lens, and Multi-Surface Reflector  
**Kit Includes** Single lamp with integrated ballast. Wiring harness sold separately.

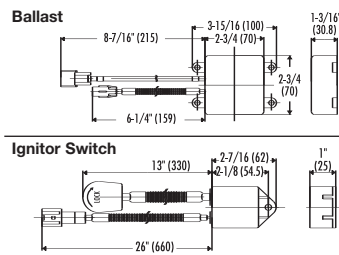
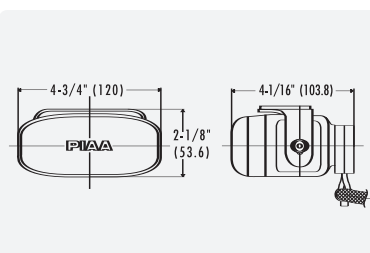


	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	cover PN
<b>RS800 H.I.D. Driving</b>	8008	38008	19999	34035	33260	30036	N/A

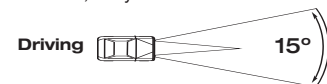
## 2100 H.I.D.



PIAA brings H.I.D. Technology to its popular 2100 XT series. Ultra low profile design allows for easy installation and a multitude of applications for today's sport car and truck enthusiasts. PIAA's new smaller ballast greatly enhances the price to performance ratio of HID technology. Check it out!



**Available In** H.I.D. Driving  
**Bulb Type** 12V - D2S H.I.D. 35 watt  
**Description** Silver PPS composite housing, chrome plated trim ring, glass lens, and Multi-Surface Reflector  
**Kit Includes** Two lamps, two ballast & igniter sets, wiring harness, relay and switch



	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	ballast PN	switch PN	lamp cover PN
<b>H.I.D. Driving</b>	2182	2122	32122	19999	34035	33260	34036	30036	N/A

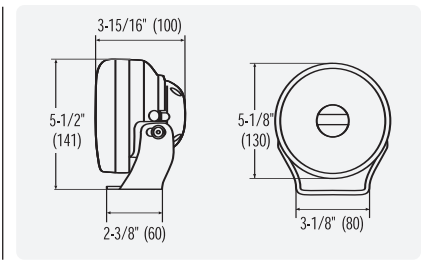
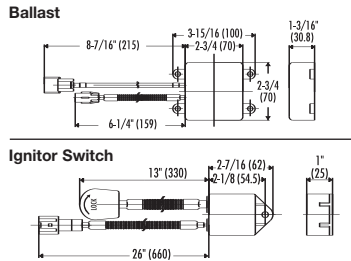
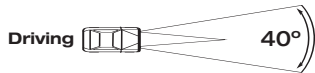


## 600 H.I.D.

PIAA's 600 H.I.D. has already proven itself as the lamp of choice for both rally and off road endurance racing. The scientifically designed housing is both lightweight and highly resistant to extreme environments. At about 5" in diameter the 600 is especially suited for many of the new smaller light weight lamp pods and light bars used by today's racers.



**Available In** H.I.D. Clear Driving  
**Bulb Type** 12V - D2S H.I.D. 35 watt  
**Description** Silver PPS housing and clear glass lens  
**Kit Includes** Two lamps, two ballast & igniter sets, wiring harness, relay, and switch



	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	ballast PN	switch PN	lamp cover PN
<b>Clear H.I.D. Driving</b>	6082	6042	36042	19999	34035	33260	34036	30036	N/A

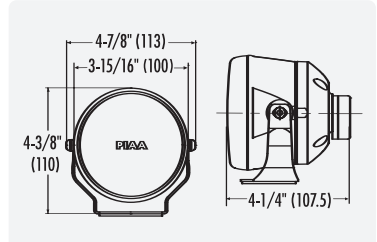
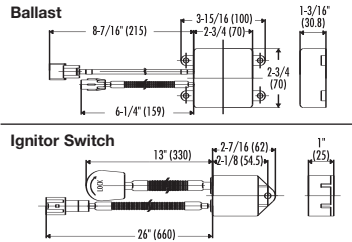
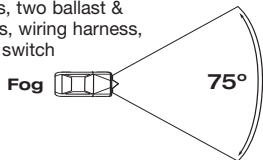
## 610 H.I.D.

PIAA's 610 H.I.D. has seemingly unlimited power from a small lamp. With its 4"(100mm) diameter the 610 is a natural for many of today's cars and trucks with round openings in the bumper and or front spoiler.

Like PIAA's 600 H.I.D. the 610 is proven race tough.



**Available In** H.I.D. Clear Fog  
**Bulb Type** 12V - D2S H.I.D. 35 watt  
**Description** Silver PPS housing and clear glass lens  
**Kit Includes** Two lamps, two ballast & igniter sets, wiring harness, relay, and switch



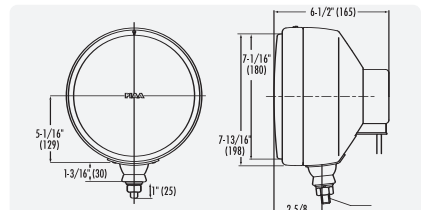
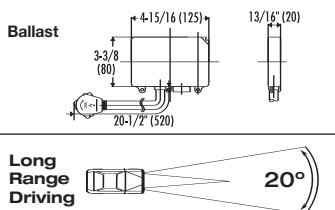
	complete kit PN	single lamp PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	ballast PN	switch PN	lamp cover PN
<b>Clear H.I.D. Fog</b>	6180	6110	36110	19999	34035	33260	34036	30036	N/A

## 800 H.I.D.

PIAA's 800 H.I.D. lamp systems were key elements in securing both the WRC and SCCA Pro Rally driver's championships in 2003! Working with these teams, PIAA has developed an H.I.D. lamp that has no equal in the racing world. An all new computer designed Multi-Surface Reflector assembly specifically engineered for use with a Gas Discharge type bulb. [Not recommended for highway use.]



**Available In** H.I.D. Driving  
**Bulb Type** 12V - D2S H.I.D. 35 watt  
**Description** Black stamped steel housing, chrome plated trim ring, glass lens, and Multi-Surface Reflector  
**Kit Includes** Sold as a single lamp with ballast. Wiring harness sold separately



	complete kit PN	single lamp & ballast PN	single lens PN	replacement bulb PN	wiring harness PN	relay PN	switch PN	lamp cover PN
<b>Clear H.I.D. Driving</b>	N/A	8002	38002	19999	34035	33260	30036	48000



# SUPER COBALT H.I.D. BULBS

Upgrade factory H.I.D. from normal 3800 Kelvin to **6600 Kelvin**

Highest rated Kelvin on the market

Clean, Clear, Crisp Beam

D1S PN 19995

**6200K**



D2R PN 19992

D2S PN 19994

**6600K**



## RIVIERA RACING Winner of Baja 1000

The Riviera Racing Ford F-150 was equipped with 11 (yes, 11!) powerful PIAA 800 HID lamps, nine driving and two fog pattern. And, according to MacCachren, the performance was, well, brilliant: "We had no dark spots in the pattern. The PIAA HID driving lamps gave us the range to run flat-out with enough spread to blend the patterns together seamlessly."







*Dodge Ram Lamp Kit*



*GMC Sierra Mounting Kit*



*Toyota FJ Cruiser Lamp Kit*



*Ford Super Duty Mounting Kit*



*Toyota Tundra Lamp Kit*



*Mini Cooper LAMP Kit*

## VEHICLE SPECIFIC KITS

PIAA offers complete lamp kits for a number of popular vehicles. Kits come complete with lamps, wiring harness, relay, hardware and instructions. The result is OEM quality and fit with the addition of PIAA performance.

Kit PN	Make/Model	Kit Includes
5432	03-07 Dodge Ram (except Sport)	Two 540 Xtreme White driving lamps, two mounting brackets, wire harness, relay, switch, and mounting hardware.
5430	02-08 Mini Cooper 02-08 Mini Cooper S	Two 540 Xtreme White driving lamps, two mounting brackets, two mesh style covers, wiring harness, relay, switch, and mounting hardware.
5298	07-08 Toyota FJ Cruiser	Two 520 Series Driving lamps, two mounting brackets, wiring harness, relay, switch, mounting hardware, and mesh covers.
4064	05-08 Ford Mustang	Two 40 Series driving lamps, two mounting brackets, wiring harness, relay, switch, and mounting hardware.
5452	07-08 Toyota Tundra	Two 540 Xtreme White driving lamps, two mounting brackets, wiring harness, relay, switch, and mounting hardware.

## LAMP MOUNTING KITS

PIAA has engineered vehicle-specific mounting kits that accommodate PIAA's most popular lamps. PIAA light kits come complete with brackets and hardware. PIAA mounting kits are designed to ease installation of your PIAA lighting system. The use of PIAA mounting kits ensure a professional looking installation you can be proud of.

Kit PN	Make/Model	Application
30320	03-08 Dodge Ram (except Sport)	Designed to mount 540 Series lamps in the factory lamp location Use lamp kits: 5461 or 5462
30300	02-08 Mini Cooper 02-08 Mini Cooper S	Designed to mount 510 or 540 Series lamps above the bumper - Rally style Use lamp kits: 5161, 5164, 5190, 5192, 5461, 5462, or 5196
30310	03-06 Chevrolet Silverado 07 Classic only	Designed to mount P4000 lamps in the factory lamp location Use lamp kit: 4081
30340	05-08 Ford Mustang GT	Designed to mount 40 or 520 Series lamps in the factory lamp location Use lamp kits: 4062, 5261, 5263, 5264, 5291, 5293 or 5294
30352	07-08 Toyota Tundra	Designed to mount 510 or 540 Series lamps in the factory location Use lamp kits: 5161, 5164, 5190, 5192, 5461, 5462, or 5196
30360	05-07 Ford Super Duty	Designed to mount 410 Series lamps in the factory lamp location Use lamp kit: 4152
<b>NEW</b> 30364	08 Ford Super Duty	Designed to mount PIAA 410 lights into factory locations on the 2008 Super Duty.
30370	07-08 GMC Sierra	Designed to mount 510 or 540 Series lamps in the factory location Use lamp kits: 5161, 5164, 5190, 5192, 5461, 5462, or 5196
30380	07-08 Toyota FJ Cruiser	Designed to mount 520 Series lamps in the factory location



PIAA Aluminum Tubular Mounting Kits provide a stable mounting point for PIAA lamps on most brush guards, bull bars and push bars with round tubing. The tubular mounts are available in a semi-polished anodized silver or a semi gloss black finish. Each kit comes with two clamps and stainless steel hardware for easy installation of two lamps. Notice there are two sizes, each one is for a specific tube size.

Kit PN	Tube Size	Finish	<i>Tube size must be determined before ordering.</i>
30710	1.5 inch	Anodized Silver	
30715	1.5 inch	Black	
30720	2.5 inch	Anodized Silver	
30725	2.5 inch	Black	



PIAA Composite Tubular Mounting Kits are made from a tough and durable plastic that is corrosion proof and will withstand the harshest environments. Designed to fit most brush guards, bull bars, push bars and bumpers with round tubing. Each kit comes with two clamps and stainless steel hardware for easy installation of two lamps. Notice there are four kits, each one is for a specific tube size.

Kit PN	Tube Size	<i>Tube size must be determined before ordering.</i>
30730	1.5 inch	
30732	2 inch	
30734	2.5 inch	
30736	3 inch	



SPORTS HORN

- Attention Getting
- Powerful 115db Dual Tone
- Weather Resistant Cover
- Easy Installation
- Super-Light Weight



Kit PN	Kit Includes
85110	One (1) 400Hz horn; one (1) 500Hz horn and installation instructions.
85112	One (1) 500Hz horn; one (1) 600Hz horn and installation instructions.

No wiring harness is required.

CARE & MAINTENANCE

Proper care & maintenance begins with proper installation. When installing your PIAA lamps make sure to read and follow the instruction manual carefully. Common mistakes include mounting the lamp upside down, improper wiring and failure to properly aim the lamps.

Please pay special attention to the orientation of the vent; mounting the lamps upside down may cause the lamp to fill with water resulting in premature failure.

When wiring your lamp kit make sure that all connections are clean and tight. A loose or dirty connection will affect the performance of the lighting system. All wiring, fuse boxes and relays

must be secured in a dry location away from hot items and secured away from moving parts.

Improperly aimed lamps create an unsafe driving situation. Please refer to the light aiming instructions on the following page.

Cleaning is inspecting. The best time to inspect your lamps is when you wash your vehicle. To ensure your safety and maintain optimal lamp performance, your lamps should be inspected to ensure they are properly aimed and in good working order.

Your safety and the safety of those around you is our primary concern. Proper care and maintenance of your PIAA lamps will result in a lifetime of safe and carefree driving.

PROTECTING YOUR INVESTMENT

PIAA Light Locks are designed in conjunction with McGard to create the ultimate in protection against unauthorized removal of your PIAA lamps. Fits any lamp using a 10mm stud mount. Each package is individually keyed for added security.

Two Lamp Lock Set  
PN 30092



LENS PROTECTION

PIAA Racing Products offers self adhesive, transparent lens protection that is second to none.

This specially formulated vinyl is over 1/16" thick, optically clear, and is race-tested to over 160mph. Each pre-cut lamp application is highly transparent and will not alter the performance of the lens.

Extremely durable and impact resistant, this material can make the difference between a quick night time pit stop and a race ending lighting failure.

**Fits** 40 Round & 520  
**Pair PN** 99401

**Fits** 510  
**Pair PN** 99510

**Fits** 540 & 600  
**Pair PN** 99601

**Fits** 800 H.I.D. & 80 Racing  
**Pair PN** 99800

**Fits** 580  
**Pair PN** 99830



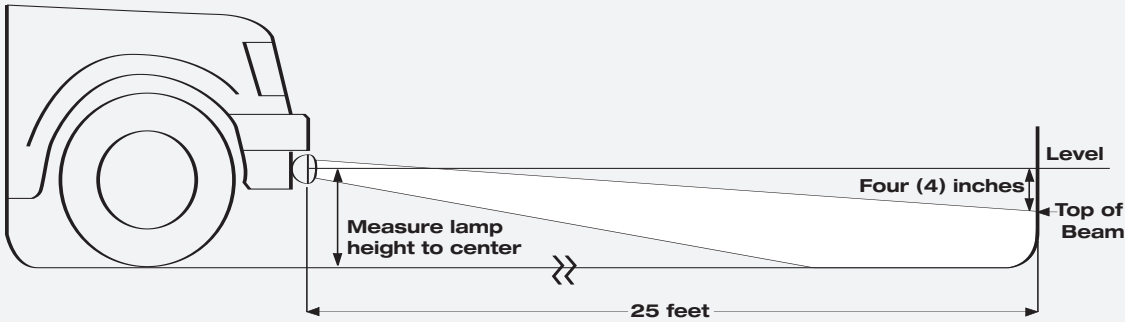
Proper auxiliary lamp aiming is the most important part of an installation. If the lamps are not properly aimed they will not achieve optimum performance and they can be very dangerous. The danger comes from the beam pattern being aimed right into oncoming vehicles thus blinding the driver. Check the Lamp Selection Guide on page 4 for the definitions of different types of lights and their intended use.

**Fog/Foul Weather Lights**

Traditional fog lights are usually mounted under the front bumper about 10-24 inches from the ground. There are two important issues to address when installing fog lights, the first is to minimize the amount of return glare into the driver's eyes, and the other is to minimize glare into oncoming driver's eyes. Both must be accomplished while putting as much light as possible on the road.

These fog/foul weather light aiming instructions are suggestions taken from common practice and the S.A.E. standard J583. Some modifications to these instructions may be necessary to minimize glare.

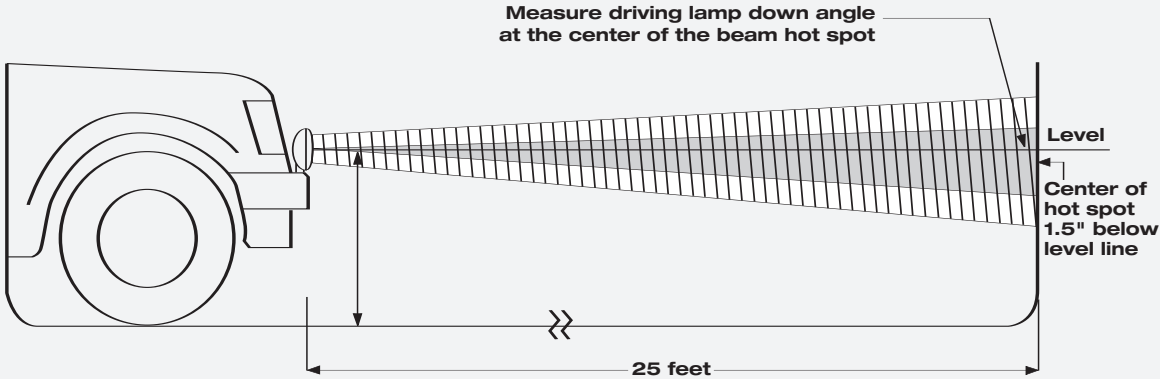
**Visual aim** is made with the top of the beam 4 inches below the lamp center at 25 feet with the lamp facing straight forward. (See below.)



**Driving Lights**

Typically, driving lights are mounted above the front bumper about 14-30 inches from the ground to provide extra high beam illumination. Driving lights can be mounted below the bumper, although they will not be as effective because the light will hit the ground sooner and reduce the range of the light.

**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.)



NEW

H13 XTREME WHITE PLUS

BULBS

PIAA is proud to announce the newest addition to our bulb line: PIAA's Xtreme White PLUS H13 bulb with a Kelvin rating of 4000K, providing an intense white light with superior performance. Upgrade today!

- Dual-filament bulb
- H13 is designed to comply with all DOT, ECE and NAFTA regulations World wide application and use.
- Engineered for sustained performance in applications where a high level of vibration and moisture protection is required.

Technology Xtreme White Plus

Twin Pack 19618

Single Pack 19018

Bulb Type H13 (9008)

Wattage 65/55w = 85/75w XTRA, 4000K



## PIAA BULBS

PIAA Corporation has been designing and manufacturing high performance bulbs for nearly a half-century. Quality begins with the design. PIAA scientifically engineers bulbs to exacting specifications utilizing the latest in integrated computer aided technology. Only the highest-grade materials are selected for use in products and every PIAA bulb is 100% tested at each step in the manufacturing process. PIAA is proud to offer you a wide range of bulbs you can use with pride and confidence!

### TECHNOLOGY COMPARISON



Normal Halogen



Plasma Ion Yellow



Intense White



Xtreme White Plus

### KELVIN SCALE

blue	6600K	PIAA Super Cobalt H.I.D.
	5250K	Sunlight
	5000K	Super Plasma GT-X
	4300K	PIAA H.I.D. Bulb
	4100K	Intense White
	4000K	PIAA Xtreme White Plus
white	-	
	-	
	3200K	Halogen Bulb
	-	
yellow	2600K	Incandescent Bulb

### Headlight Bulb Cross Reference

- 1 An H4 bulb is also referred to as a 9003 or an HB2.
- 2 A 9004 bulb is also referred to as an HB1.
- 3 A 9005 bulb is also referred to as an HB3.
- 4 A 9006 bulb is also referred to as an HB4.
- 5 A 9007 bulb is also referred to as an HB5.
- 6 H.I.D. bulbs are referred to as D1S, D2R, and D2S.
- 7 H1, H2, H3, and H7 bulbs are usually referred to as such.

PIAA

### LEGEND:

Xtreme White Technology

Intense White Technology

Ion Crystal Technology

Super Plasma GT-X Technology



## H1 XTREME WHITE PLUS

**Xtreme White Plus is PIAA's best selling technology.** Those with H1 style headlights can now benefit from PIAA's Xtreme White Plus technology. Rated at 4000K and providing 110watts of light from only 55watts these bulbs provide a brilliant Xtreme cool white light. Manufactured to SAE recommended specifications and DOT compliant.

		<table border="1"> <tr> <td><b>Technology</b></td> <td>Xtreme White Plus</td> </tr> <tr> <td><b>Twin Pack</b></td> <td>11655</td> </tr> <tr> <td><b>Single Pack</b></td> <td>11155</td> </tr> <tr> <td><b>Bulb Type</b></td> <td>H1</td> </tr> <tr> <td><b>Wattage</b></td> <td>55w = 110w XTRA, 4000K</td> </tr> </table>	<b>Technology</b>	Xtreme White Plus	<b>Twin Pack</b>	11655	<b>Single Pack</b>	11155	<b>Bulb Type</b>	H1	<b>Wattage</b>	55w = 110w XTRA, 4000K
<b>Technology</b>	Xtreme White Plus											
<b>Twin Pack</b>	11655											
<b>Single Pack</b>	11155											
<b>Bulb Type</b>	H1											
<b>Wattage</b>	55w = 110w XTRA, 4000K											

## H3 XTREME WHITE PLUS

**Xtreme White Plus is PIAA's best selling technology.** The very popular Xtreme White Plus technology is now available in H3 style bulbs. Rated at 4000K and providing 110 watts of light from only 55 watts these bulbs will provide a brilliant Xtreme cool white light that will light up road hazards and street signs long before a normal halogen bulb. Manufactured to SAE recommended specifications and DOT compliant.

		<table border="1"> <tr> <td><b>Technology</b></td> <td>Xtreme White Plus</td> </tr> <tr> <td><b>Twin Pack</b></td> <td>15223</td> </tr> <tr> <td><b>Single Bulb</b></td> <td>15213</td> </tr> <tr> <td><b>Bulb Type</b></td> <td>H3</td> </tr> <tr> <td><b>Wattage</b></td> <td>55w = 110w XTRA, 4000K</td> </tr> </table>	<b>Technology</b>	Xtreme White Plus	<b>Twin Pack</b>	15223	<b>Single Bulb</b>	15213	<b>Bulb Type</b>	H3	<b>Wattage</b>	55w = 110w XTRA, 4000K
<b>Technology</b>	Xtreme White Plus											
<b>Twin Pack</b>	15223											
<b>Single Bulb</b>	15213											
<b>Bulb Type</b>	H3											
<b>Wattage</b>	55w = 110w XTRA, 4000K											

## H4 XTREME WHITE PLUS

**Xtreme White Plus is PIAA's best selling technology.** The very popular Xtreme White Plus technology is now available in H4 style bulbs. Rated at 4000K and providing 110 watts of light from only 60 watts on the high beam, these bulbs will provide a brilliant Xtreme cool white light that will light up road hazards and street signs long before a normal halogen bulb. The Blue topcoat on these bulbs adds a slight blue tint to the lamp for enhanced curb appeal.

		<table border="1"> <tr> <td><b>Technology</b></td> <td>Xtreme White Plus</td> </tr> <tr> <td><b>Twin Pack</b></td> <td>15224</td> </tr> <tr> <td><b>Single Bulb</b></td> <td>15214</td> </tr> <tr> <td><b>Bulb Type</b></td> <td>H4</td> </tr> <tr> <td><b>Wattage</b></td> <td>60/55w = 110/100w XTRA, 4000K</td> </tr> </table>	<b>Technology</b>	Xtreme White Plus	<b>Twin Pack</b>	15224	<b>Single Bulb</b>	15214	<b>Bulb Type</b>	H4	<b>Wattage</b>	60/55w = 110/100w XTRA, 4000K
<b>Technology</b>	Xtreme White Plus											
<b>Twin Pack</b>	15224											
<b>Single Bulb</b>	15214											
<b>Bulb Type</b>	H4											
<b>Wattage</b>	60/55w = 110/100w XTRA, 4000K											

## H7 XTREME WHITE PLUS

**Xtreme White Plus is PIAA's best selling technology.** The very popular Xtreme White Plus technology is now available in H7 style bulbs. Rated at 4000K and providing 110 watts worth of light from only 55 watts these bulbs will provide a brilliant Xtreme cool white light that will light up road hazards and street signs long before a normal halogen bulb. Manufactured to SAE recommended specifications and DOT compliant.

		<table border="1"> <tr> <td><b>Technology</b></td> <td>Xtreme White Plus</td> </tr> <tr> <td><b>Twin Pack</b></td> <td>17655</td> </tr> <tr> <td><b>Single Bulb</b></td> <td>17155</td> </tr> <tr> <td><b>Bulb Type</b></td> <td>H7</td> </tr> <tr> <td><b>Wattage</b></td> <td>55w = 110w XTRA, 4000K</td> </tr> </table>	<b>Technology</b>	Xtreme White Plus	<b>Twin Pack</b>	17655	<b>Single Bulb</b>	17155	<b>Bulb Type</b>	H7	<b>Wattage</b>	55w = 110w XTRA, 4000K
<b>Technology</b>	Xtreme White Plus											
<b>Twin Pack</b>	17655											
<b>Single Bulb</b>	17155											
<b>Bulb Type</b>	H7											
<b>Wattage</b>	55w = 110w XTRA, 4000K											

## H11 XTREME WHITE PLUS

*Xtreme White Plus is PIAA's best selling technology.* PIAA's Xtreme White Plus H11 with a Kelvin rating of 4000K provides an intense white light and the superior performance of XTRA Technology. So lose those boring factory bulbs and upgrade to PIAA's Xtreme White Plus H-11 and experience the difference. Manufactured to SAE recommended specifications and DOT compliant.

**Technology** Xtreme White Plus

**Twin Pack** 15211

**Single Bulb** 15111

**Bulb Type** H11

**Wattage** 55w-110w XTRA, 4000K



## 9000 SERIES XTREME WHITE PLUS

*Xtreme White Plus is PIAA's best selling technology.* The blue top coat\* on these bulbs add a slight blue tint to the lamp while still providing outstanding performance. PIAA offers the 9000 Series Xtreme White Plus in four distinct types – 9004, 9005, 9006 and 9007. Manufactured to SAE recommended specifications and DOT compliant.

**Technology** Xtreme White Plus

**Twin Pack** 19614

**Single Pack** 19014

**Bulb Type** 9004 (HB1)

**Wattage** 65/45w = 120/95w XTRA, 4000K



**Technology** Xtreme White Plus

**Twin Pack** 19615

**Single Pack** 19015

**Bulb Type** 9005 (HB3)

**Wattage** 60w = 120w XTRA, 4000K

**Technology** Xtreme White Plus

**Twin Pack** 19616

**Single Pack** 19016

**Bulb Type** 9006 (HB4)

**Wattage** 51w = 115w XTRA, 4000K

**Technology** Xtreme White Plus

**Twin Pack** 19617

**Single Bulb** 19017

**Bulb Type** 9007 (HB5)

**Wattage** 65/55w = 120/110w XTRA, 4000K

## 880 XTREME WHITE PLUS

PIAA's Xtreme White Plus 880 bulb with a Kelvin rating of 4000K provides an intense white light with the superior performance of XTRA Technology. So lose those boring factory fog light bulbs and upgrade to PIAA's Xtreme White Plus 880 bulb and experience the difference.

**Technology** Xtreme White Plus

**Twin Pack** 18880

**Single Pack** 18881

**Bulb Type** 880

**Wattage** 27w = 50w XTRA, 4000K



## H3 SUPER PLASMA GT-X

For the fashion conscious driver PIAA offers our new H3 Super Plasma GT-X bulb. This bulb will give your factory fog lights a beautiful bluish purple look. With fashion there is no need to sacrifice performance. With PIAA's XTRA technology you'll have plenty of power.

**Technology** Super Plasma GT-X

**Twin Pack** 15955

**Single Pack** 15956

**Bulb Type** H3

**Wattage** 55w = 110w XTRA, 5000K



## H4 SUPER PLASMA GT-X

A new addition to PIAA's stable of high performance bulbs is the Super Plasma GT-X. The new GT-X provides an exclusive purple low beam and an Xtreme White high beam. And if that weren't enough! PIAA has added a purple colored top coat giving the headlamp a purple look even when the lamp is turned off.



**Technology** Super Plasma GT-X

**Twin Pack** 15962

**Single Pack** 15961

**Bulb Type** H4

**Wattage** 60/55w = 135/120w XTRA,  
3800K/5000K

## 9000 SERIES SUPER PLASMA GT-X

The 9000 Series GT-X provides an exclusive purple low beam and high beam. Manufactured to SAE recommended specifications and DOT compliant.



**Technology** Super Plasma GT-X

**Twin Pack** 19624

**Single Pack** 19024

**Bulb Type** 9004

**Wattage** 65/45w = 110/85w XTRA,  
5000K

**Technology** Super Plasma GT-X

**Twin Pack** 19625

**Single Pack** 19025

**Bulb Type** 9005

**Wattage** 60w = 110w XTRA, 5000K

**Technology** Super Plasma GT-X

**Twin Pack** 19626

**Single Pack** 19026

**Bulb Type** 9006

**Wattage** 51w = 100w XTRA, 5000K

**Technology** Super Plasma GT-X

**Twin Pack** 19627

**Single Pack** 19027

**Bulb Type** 9007

**Wattage** 65/55w = 110/100w XTRA,  
5000K

## PLASMA YELLOW

PIAA's patented Ion Crystal technology is a great way to improve your visibility in inclement weather. Ion Crystal puts out an amber/yellow light that is less reflective than white light thus greatly reducing the amount of glare in extreme fog.



**Technology** Ion Crystal

**Twin Pack** 13556

**Single Pack** 13555

**Bulb Type** H3

**Wattage** 55w = 85w XTRA

**Technology** Ion Crystal

**Twin Pack** 13506

**Single Pack** 13516

**Bulb Type** HB

**Wattage** 55w = 110w XTRA

**Technology** Ion Crystal

**Twin Pack** 13501

**Single Pack** 13521

**Bulb Type** H1

**Wattage** 55w = 100w XTRA

**Technology** Ion Crystal with Yellow Top

**Twin Pack** 13511

**Single Bulb** 13531

**Bulb Type** H11

**Wattage** 55w = 110w XTRA



**Technology** XTRA Twin Beam

Clear High/Plasma Ion Low

**Single Pack** 14561

**Bulb Type** H4

**Wattage** 60/55w = 110/100w XTRA

Please check our application guide for your vehicle's bulb type.



4100K

# INTENSE WHITE

## The Name Says it All!

PIAA's Intense White bulbs produce a more radiant white beam without any hint of blue. This bulb has been completely re-engineered from the ground up. What you'll see in the 9005 and 9006 bulbs is a larger glass tube with a white top coat. The larger glass tube increases output (28% whiter color than STAR WHITE) and allows the bulb to burn at much cooler temperatures. PIAA's new Intense White Bulbs provide the best possible balance between performance and bulb life.

### TECHNOLOGY COMPARISON



Normal Halogen

Intense White

## H3 INTENSE WHITE

**Technology** Intense White

**Twin Pack** 10903

**Single Pack** 10933

**Bulb Type** H3

**Wattage** 55w = 110w XTRA, 4100K



## H4 INTENSE WHITE

**Technology** Intense White

**Twin Pack** 10904

**Single Pack** 10934

**Bulb Type** H4

**Wattage** 60/55w = 135/125w XTRA, 4100K



## 9000 SERIES INTENSE WHITE

**Technology** Intense White

**Twin Pack** 10925

**Single Pack** 10915

**Bulb Type** 9005

**Wattage** 60w = 120w XTRA, 4100K

**Technology** Intense White

**Twin Pack** 10926

**Single Pack** 10916

**Bulb Type** 9006





**Wattage** 51w = 115w XTRA, 4100K



The 9005 and 9006 bulbs have been manufactured to be DOT compliant.

## WEDGE BULBS

Wedge Bulbs have a wide range of applications; turn signals, side marker lights, and parking lights. Match these bulbs to both headlights and other accessory lights for a sleek, unified appearance.

	 <p><b>Technology</b> Super Plasma GT-X with XTRA technology <b>Twin Pack</b> 19283 <b>Bulb Type</b> 168 Wedge <b>Wattage</b> 5w</p>	 <p><b>Technology</b> Xtreme White <b>Twin Pack</b> 19172 <b>Bulb Type</b> 168 Wedge <b>Wattage</b> 5w</p>	 <p><b>Technology</b> Ion Crystal <b>Twin Pack</b> 19173 <b>Bulb Type</b> 168 Wedge <b>Wattage</b> 5w</p>
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## X TREME WHITE

Miniature incandescent Xtreme White Bulbs. The closest color yet to H.I.D. (High Intensity Discharge). Match these bulbs to both headlights and other accessory lights for a sleek, unified appearance. These miniature bulbs have a wide range of applications; turn signals, side marker lights, and parking lights.

 <p><b>Technology</b> Xtreme White <b>Twin Pack</b> 19223 <b>Bulb Type</b> T-6 Dome Bulb <b>Wattage</b> 10w</p>	 <p><b>Technology</b> Xtreme White <b>Twin Pack</b> 19224 <b>Bulb Type</b> W2 <b>Wattage</b> 18w</p>	 <p><b>Technology</b> Xtreme White <b>Twin Pack</b> 19225 <b>Bulb Type</b> 7440 <b>Wattage</b> 27w</p>	 <p><b>Technology</b> Xtreme White <b>Twin Pack</b> 19226 <b>Bulb Type</b> 7443 <b>Wattage</b> 27/8w</p>
 <p><b>Technology</b> Xtreme White <b>Twin Pack</b> 19227 <b>Bulb Type</b> 1156 <b>Wattage</b> 27w</p>	 <p><b>Technology</b> Xtreme White <b>Twin Pack</b> 19228 <b>Bulb Type</b> 1157 <b>Wattage</b> 27/8w</p>	 <p><b>Technology</b> Xtreme White <b>Twin Pack</b> 19294 <b>Bulb Type</b> 3156 <b>Wattage</b> 27w</p>	 <p><b>Technology</b> Xtreme White <b>Twin Pack</b> 19295 <b>Bulb Type</b> 3157 <b>Wattage</b> 27/8w</p>



**LED RING BULBS**

LED (Light Emitting Diode)



**NEW**

**BMW LED RING BULB**

PIAA exclusive! This bulb and socket assembly replaces the stock unit to give the vehicle's headlamp ring a clean, white 6500 Kelvin brilliance. This upgrade changes the ring color from a incandescent yellow to a brilliant HID, matching the factory HID headlamps.

**Twin Pack PN 19503**

**APPLICATIONS:**

5 Series (E60, E61, E39)

6 Series (E63)

X5 (E53)



**BMW 3 SERIES LED RING BULB**

**Twin Pack PN 19432**

**APPLICATIONS:**

3 Series (E90)



**LED BULB SERIES**

Room Lamp



Use Room Lamp  
Bulb Type Plate  
Part Number 19490

Applications BMW 1 Series (E87)  
BMW 3 Series (E90)  
BMW 5 Series (E60)

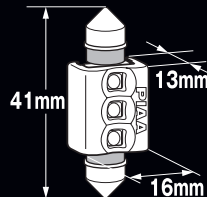
Map Lamp



Use Map Lamp  
Bulb Type Wedge  
Part Number 19491

Applications BMW 1 Series (E87)  
BMW 3 Series (E90)  
BMW 5 Series (E60)  
GTI (Mark V)  
Rabbit

Room Lamp




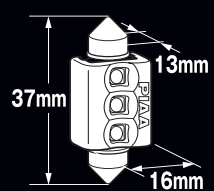
Use Room Lamp  
Bulb Type T10 x 41 Dome  
Part Number 19493

Applications BMW 5 Series (E90)  
Audi A4  
M Benz C class (W203)  
Volvo XC70





shown with license plate LED kit, PN 19325

Room Lamp				<p><b>Use</b> Room Lamp</p> <p><b>Bulb Type</b> T10 x 37 Dome</p> <p><b>Part Number</b> 19492</p> <p><b>Applications</b> BMW 3 Series (E90) GTI (Mark V) Rabbit</p>
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License Plate Lamp				<p><b>Use</b> License Plate Light</p> <p><b>Part Number</b> 19325</p> <p><b>Kit Includes</b> (2) PN 19492 and (1) PN 19158</p> <p><b>Applications</b> BMW 3 Series (E90) GTI (Mark V) Rabbit</p>
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<p><b>Bulb Type</b> T-6 Dome 3 watt</p> <p><b>Part Number</b> 19372</p> <p><b>Color</b> White</p>	<p><b>Bulb Type</b> T-6 Dome 3 watt*</p> <p><b>Part Number</b> 19369</p> <p><b>Color</b> White</p> <p><small>* For limited applications, contact distributor.</small></p>

	
<b>normal</b>	<b>PIAA T-6 3 watt LED</b>

**NEW**



**HYPER DIMPLE SUPER LED**

- New 5mm High Intensity LED unit.
- Brilliant designed multi-surface lens produces wide beam pattern and great look.

**Bulb Type:** T10  
**Part Number:** 19407  
**Color:** White

**Bulb Type** 168

**Part Number** 19263

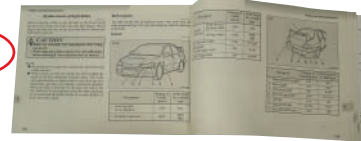
**Color** White

Every attempt has been made to make this application guide as current and accurate as possible at time of printing. However vehicles and products do change throughout the course of time so we highly recommend you check with your dealer, PIAA's Customer Service, or [www.piaa.com](http://www.piaa.com) to confirm applications prior to installation.

### Bulb Identification

There are many types of bulbs in the automotive world. So how do you know what bulb is needed when replacing or upgrading?

- 1 The bulb itself will have markings on it. One of the markings will give you the industry number for the bulb type. This bulb shows that it is an 9004/HB1 type bulb.
- 2 If the bulb is from a headlamp, the bulb type is usually printed or molded into the lens. This lamp takes HB3 and HB4 type bulbs. Note: if using this method, a cross reference will most likely be needed. (See page 20)
- 3 If you are looking for the bulb type on an OEM lamp, the information should be printed in the Owner's Manual.



	year	headlamp		factory fog	reference	notes
		low	high			
<b>ACURA</b>						
CL	97-00	9006	9005	N/A		
CL	01-03	N/A	9005	N/A		
INTEGRA	90-93	9004	*	H3	*	
INTEGRA	94-01	9006	9005	H3		
LEGEND	91-95	9006	9005	H3		
LEGEND COUPE	89-90	9004	*	H3	*	
LEGEND SEDAN	89-90	9006	9005	H3	X	
MDX	01-03	9006	9005	9006		
MDX	04-07	H11	9005	9006		
MDX	2008	D2S	9005	H11		
NSX	91-02	9006	9005	H3		
NSX	03-05	D2S	9005	9006		
RDX	07-08	D2S	9005	H11		
RL	96-98	H4	*	H1	*	
RL	99-04	N/A	H1	H1		
RL	05-08	D2S	9005	H11		
RSX	02-04	H1	H1	H1		
RSX	05-06	H1	9005	N/A		
SLX	96-99	9004	*	H3	*	
TL	95-98	H4	*	H3	*	
TL	99-03	N/A	9005	N/A		
TL	04-07	D2S	9005	9006		
TL WITH ADAPTIVE LIGHTING	07-08	D2S	*	9006		
TSX	04-08	D2S	H1	H11		
VIGOR	92-94	9006	9005	H3		
<b>AUDI</b>						
90	93-95	H4	*	H3	*	
90 & 80	88-92	9004	*	H3	*	
A3	2006	H7	H7	N/A		
A3	2008	H11	H7	H11		HID D1S LOW/HIGH BEAM OPTION
A4	96-99	H1	H7	H7		
A4	99-01	H7	H7	N/A	X	
A4	02-07	H7	H7	H11	X	
A4	2008	H7	H7	H11		HID D1S LOW/HIGH BEAM OPTION
A5	2008	H7	H7	H11		HID D1S LOW/HIGH BEAM OPTION
A6	95-96	9006	9005	H3		
A6	97-98	H1	9005	H3	X	
A6	99-08	H7	H1	H3	X	
A8	98-99	H1	9005	H3	X	
A8	00-07	H1	H7	H3	X	
A8	2008	D2S	H7	H7		
CABRIOLET	94-98	H4	*	H1	*	
COUPE	90-92	9004	*	H3	*	
Q7	2008	H7	H7	H7		HID D1S LOW/HIGH BEAM OPTION
R8	2008	D1S	*	N/A		
RS4	2008	D1S	*	H11		
RS6	03-04	D2S	H7	H7		
S4	93-94	9006	9005	H3		
S4	00-01	N/A	H7	H7		

**NOTES:** \* The bulb listed in the low beam column is a dual filament bulb that contains both high/low beams.  
 N/A PIAA does not offer a bulb for that application.  
 X This vehicle has an HID option, check owners manual to ensure correct bulb type.

	year	headlamp		factory fog	reference	notes
		low	high			
S4	02-04	H7	H7	H11		
S4	05-06	D1S	H7	N/A		
S4	07-08	H7	H7	H11		HID D1S LOW/HIGH BEAM OPTION
S5	2008	H7	H7	H11		
S6	95-96	9006	9005	H3		
S6	1997	H1	9005	H3		
S6	2008	H7	H1	H7		HID D1S LOW/HIGH BEAM OPTION
S8	01-03	N/A	H7	H3		
S8	2008	D2S	H7	H7		
TT	00-04	H7	H7	H3	X	
TT	2008	H7	H7	H11		HID D1S LOW/HIGH BEAM OPTION
V-8 SEDAN	90-94	9006	9005	H3		
<b>BMW</b>						
100 SERIES	2008	H7	H7	H11		HID D1S LOW/HIGH BEAM OPTION
3 SERIES COUPE	00-07	H7	H7	9006	X	
3 SERIES EXC '96 318is	89-98	9006	9005	H1		
3 SERIES SEDAN	99-01	H7	H7	9006		
3 SERIES SEDAN	02-07	H7	H7	N/A	X	
3 SERIES SEDAN	2006	H7	H7	N/A	X	
300 SERIES	2008	H7	H7	H11		HID D1S LOW/HIGH BEAM OPTION
318is	1996	H1	H7	H1		
5 SERIES	89-95	9006	9005	H1	X	
5 SERIES	04-07	H7	H7	N/A		
5 SERIES W/COMPOSITE	97-03	H7	9005	H7		
500 SERIES	2008	H7	H7	N/A		HID D1S LOW/HIGH BEAM OPTION
6 SERIES	05-07	D2S	H7	N/A		
650i	2008	D1S	*	H11		
7 SERIES	87-92	9006	9005	H1		
7 SERIES	05-05	D1S	H7	H3		
7 SERIES	06-08	D1S	H7	9006		
7 SERIES W/COMPOSITE	95-98	H1	H7	H3		
7 SERIES W/COMPOSITE	99-01	H1	9005	N/A		
7 SERIES W/HID	95-98	N/A	H7	H3		
7 SERIES W/HID	99-01	N/A	9005	N/A		
740	93-94	9006	9005	H1		
750	93-94	N/A	9005	H1		
8 SERIES	92-96	9006	9005	H1		
8 SERIES	1997	9006	9005	H3		
M3	95-00	9006	9005	N/A		
M3	02-07	H7	H7	9006	X	
M5	06-08	H7	H7	9006	X	
M6	06-07	D2S	H7	9006		
M6	2008	D2S	H7	9006		
X3	04-08	H7	H7	H11	X	
X5	02-04	H7	9005	N/A		
X5	05-06	H1	H1	H11	X	
X5	07-08	H1	H7	H11	X	
Z3 & M ROADSTER & COUPE	97-02	9006	9005	H1		
Z4	03-08	H7	H7	H11	X	
<b>BUICK</b>						
CENTURY	89-99	9006	9005	N/A		
CENTURY	00-05	9006	9005	N/A		
ENCLAVE	2008	D1S	D1S	H11		
LACROSSE	2008	H11	N/A	H11		
LESABRE	90-05	9006	9005	N/A		
LUCERNE	2008	9006	9005	H11		
PARK AVENUE	92-05	9006	9005	N/A		
RAINIER	04-07	9006	9005	H11		
REGAL	88-99	9006	9005	N/A		
REGAL	00-04	9006	9005	N/A		
RENDEVOUS	02-07	9006	9005	880		
RIVIERA	88-99	9006	9005	N/A		
SKYLARK	92-98	9004	*	N/A	*	
TERREZA	05-07	H11	H11	N/A		
<b>CADILLAC</b>						
CATERA	97-01	H7	H7	H3	X	
CTS	02-05	9006	N/A	N/A	X	
CTS	06-07	D1S	N/A	N/A		
CTS	2008	H11	N/A	H11		HID D1S LOW/HIGH BEAM OPTION
DEVILLE	00-04	9006	9005	N/A		
DEVILLE & CONCOURS	94-99	9006	9005	N/A		
DTS	2008	D1S	D1S	N/A		



	year	headlamp		factory fog	reference	notes
		low	high			
<b>CADILLAC (continued)</b>						
ELDORADO	92-02	9006	9005	N/A		
ESCALADE	99-00	9006	9005	N/A		
ESCALADE	2002	9006	9005	N/A		
ESCALADE	03-06	N/A	9005	880		
ESCALADE	07-08	D2R	D2R	N/A		
EXT	03-04	N/A	9005	N/A		
SEVILLE & STS	92-99	9006	9005	N/A		
SEVILLE & STS	00-07	9006	9005	N/A		
SRX	06-07	D1S	N/A	N/A		
SRX	2008	N/A	H7	N/A		HID D1S LOW/HIGH BEAM OPTION
STS	04-08	H11	9005	H3		HID D1S LOW/HIGH BEAM OPTION
STS-V	2008	D1S	9005	H3		
XLR	04-08	D1S	D1S	N/A		
<b>CHEVROLET</b>						
ASTRO VAN	95-04	9006	9005	N/A		
AVALANCHE	02-06	9006	N/A	N/A		
AVALANCHE	07-08	H11	9005	N/A		
AVEO	04-08	H4	*	N/A	*	
AVEO-5	2008	H4	*	N/A	*	
BERETTA	87-96	9006	9005	H3		
BLAZER	98-00	9006	9005	N/A		
BLAZER	01-04	9006	9005	N/A		
BLAZER W/COMPOSITE	95-97	9006	9005	N/A		
CAMARO	98-02	9006	9005	N/A		
CAVALIER	88-90	9006	9005	N/A		
CAVALIER	91-94	9004	*	N/A	*	
CAVALIER	95-99	9006	9005	N/A		
CAVALIER	00-04	9007	*	N/A	*	
COBALT	05-07	H4	*	H11	*	
COBALT	2008	9007	*	H11	*	
COLORADO	04-08	9006	9005	N/A		
CORVETTE	97-00	9006	9005	N/A		
CORVETTE	01-05	9006	9005	N/A		
CORVETTE	06-08	D1S	N/A	N/A		
EQUINOX	04-08	9007	*	H11	*	
EXPRESS CONVERSION	96-08	9006	9005	N/A		
HHR	06-08	H13	*	N/A	*	
IMPALA	95-96	9004	*	N/A	*	
IMPALA	00-04	9006	9005	N/A		
IMPALA	06-08	H11	N/A	H11		
LUMINA	90-01	9005	9006	N/A		
MALIBU	97-03	9006	9005	N/A		
MALIBU	04-06	H11	N/A	880		
MALIBU	07-08	H11	N/A	H11		
METRO	1998	H4	*	N/A	*	
MONTE CARLO	95-04	9006	9005	N/A		
MONTE CARLO	06-07	H11	N/A	H11		
PICK UP FULL SIZE W/COMPOSITE	92-98	9006	9005	N/A		
PRIZM	98-01	9006	9005	N/A		
S-SERIES	98-04	9006	9005	H3		
SILVERADO	99-02	9006	9005	N/A		
SILVERADO	03-06	9006	9005	N/A		
SILVERADO	07-08	H11	9005	N/A		
SSR	04-06	H11	N/A	880		
SUBURBAN	00-06	9006	9005	880		
SUBURBAN	07-08	H11	9005	N/A		
SUBURBAN W/COMPOSITE	92-99	9006	9005	H3		
TAHOE	92-99	9006	9005	H3		
TAHOE	00-04	9006	9005	N/A		
TAHOE	07-08	H11	9005	N/A		
TRACKER	1998	9004	*	N/A	*	
TRACKER	99-03	H4	*	N/A	*	
TRAILBLAZER	01-08	9006	9005	880		
UPLANDER	05-08	H11	H11	N/A		
VENTURE	97-05	9004	*	N/A	*	
<b>CHRYSLER</b>						
300	05-08	9006	9005	N/A		
300C	05-08	N/A	9005	N/A	X	

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	year	headlamp		factory fog	reference	notes
		low	high			
ASPEN	07-08	H13	*	N/A	*	
CIRRUS	95-01	9007	*	9006	*	
CONCORD	93-97	9007	*	H3	*	
CROSSFIRE	04-07	H7	H7	9006		
LEBARON	1995	9006	9005	N/A		
LEBARON CONVERTIBLE	1994	9006	9005	N/A		
LEBARON COUPE	1993	9006	9005	N/A		
LABARON SEDAN	90-94	9004	*	N/A	*	
LHS	94-97	9007	*	H3	*	
NEW YORKER	94-97	9007	*	H3	*	
PACIFICA	2004	H7	H7	N/A	X	
PACIFICA	05-06	H7	H7	N/A	X	
PACIFICA	07-08	H13	*	N/A	*	
SEBRING	1995	9006	9005	H3		
SEBRING	07-08	9006	9005	N/A		
SEBRING CONVERTIBLE	00-05	9007	*	9006	*	
SEBRING CONVERTIBLE	96-99	9007	*	9006	*	
SEBRING COUPE	96-06	9006	9005	H3		
TOWN & COUNTRY	91-95	9004	*	H3	*	
TOWN & COUNTRY	96-97	9007	*	H3	*	
TOWN & COUNTRY	98-00	N/A	9005	N/A	X	
TOWN & COUNTRY	01-04	9007	*	N/A	*	
TOWN & COUNTRY LX, TOURING, LTD	05-08	H13	*	N/A	*	
VOYAGER	00-04	9007	*	N/A	*	
<b>DODGE</b>						
AVENGER	95-99	9006	9005	H3		
AVENGER	2008	9006	9005	N/A		
CALIBER	07-08	H13	*	N/A	*	
CARAVAN	89-95	9004	*	H3	*	
CARAVAN	96-07	9007	*	H3	*	
COLT	93-94	9004	*	N/A	*	
DAKOTA	05-08	H13	*	N/A	*	
DAKOTA	2004	9007	*	N/A	*	
DAKOTA & DURANGO	97-03	9007	*	N/A	*	
DAKOTA W/COMPOSITE	91-96	9004	*	H3	*	
DURANGO	04-08	H13	*	N/A	*	
GRAND CARAVAN	2008	H13	*	N/A	*	
INTREPID	93-97	9007	*	H3	*	
MAGNUM	05-08	9006	9005	N/A		
NEON	95-99	9007	*	N/A	*	
NEON	00-04	9007	*	N/A	*	
NITRO	07-08	H13	*	N/A	*	
RAM PICK-UP	94-00	9004	*	N/A	*	
RAM PICK-UP (2 HEADLAMP MODEL)	00-01	9004	*	N/A	*	
RAM PICK-UP (4 HEADLAMP MODEL)	00-01	9007	9004	N/A		
RAM PICK-UP	03-05	9007	*	N/A	*	
RAM PICK-UP	06-08	H13	*	9006	*	
RAM PICK-UP 1500	2002	9007	*	N/A	*	
RAM PICK-UP 2500/3500	2002	9004	*	N/A	*	
RAM PICK-UP	05-07	N/A	N/A	9006		
SPIRIT	89-95	9004	*	N/A	*	
SPRINTER	2008	H7	H7	H11		HID D1S LOW/HIGH BEAM OPTION
SRT-4	03-04	9007	*	N/A	*	
STEALTH	94-96	9006	9005	N/A		
STRATUS	95-03	9007	*	9006	*	
VIPER	96-00	9005	N/A	H3		
VIPER	01-02	9006	N/A	H3		
VIPER	2008	D1S	N/A	N/A		
<b>EAGLE</b>						
PREMIER	88-92	9006	9005	N/A		
SUMMIT	89-92	9006	9005	N/A		
SUMMIT	93-96	9004	*	N/A	*	
SUMMIT WAGON	93-96	H4	*	N/A	*	
TALON	92-98	9006	9005	H3		
VISION	93-97	9007	*	H3	*	
<b>FORD</b>						
500	05-07	9006	9005	N/A		
AEROSTAR	92-97	9007	*	N/A	*	
ASPIRE	94-97	H4	*	N/A	*	
BRONCO	87-91	9004	*	N/A	*	

	year	headlamp		factory fog	reference	notes
		low	high			
<b>FORD (continued)</b>						
BRONCO	92-96	9007	*	N/A	*	
CONTOUR	95-00	9006	9005	N/A		
CROWN VICTORIA	92-97	9006	9005	N/A		
CROWN VICTORIA	98-04	9007	*	N/A	*	
CROWN VICTORIA	2005	N/A	N/A	H3		
CROWN VICTORIA	06-07	H13	*	N/A	*	
CROWN VICTORIA	2008	9007	*	N/A	*	
ECONOLINE	2008	H13	*	N/A	*	
ECONOLINE W/COMPOSITE	92-02	9007	*	N/A	*	
EDGE	07-08	H11	9005	H11		
ESCAPE	01-04	H4	*	H	*	
ESCAPE	05-07	H11	H7	N/A		
ESCAPE	2008	H13	*	N/A	*	
ESCORT	86-96	9004	*	N/A	*	
ESCORT	97-03	9007	*	N/A	*	
EXCURSION	02-04	9007	*	N/A	*	
EXCURSION	2005	H13	*	N/A	*	
EXPEDITION	97-02	9007	*	N/A	*	
EXPEDITION	03-06	9006	9005	N/A		
EXPEDITION	07-08	H13	*	N/A	*	
EXPLORER	91-94	9004	*	N/A	*	
EXPLORER	95-01	9007	*	H3	*	
EXPLORER	02-04	9006	9005	N/A		
EXPLORER	06-08	H13	*	N/A	*	
EXPLORER (SPORT TRAC)	06-08	H13	*	N/A	*	
EXPLORER SPORT/SPORT TRAC	02-04	9007	*	N/A	*	
F-150	04-08	H13	*	N/A	*	
F-150 HERITAGE	2004	9007	*	N/A	*	
F-250-550	04-08	H13	*	N/A	*	
F-SERIES	87-92	9004	*	N/A	*	
F-SERIES (ALL)	92-03	9007	*	N/A	*	
F-SERIES SUPER DUTY	20041	9007	*	N/A	*	
FESTIVA	88-93	9004	*	N/A	*	
FOCUS	00-04	H4	*	N/A	*	
FOCUS	05-07	9007	*	H11	*	
FOCUS W/HID	02-04	N/A	H7	N/A		
FREESTAR	04-07	H13	*	N/A	*	
FREESTYLE	06-07	N/A	N/A	H11		
FUSION	06-08	H11	H7	H11		
MUSTANG	87-93	9004	*	H3	*	
MUSTANG	94-04	9007	*	N/A	*	
MUSTANG	05-08	H13	*	N/A	*	
RANGER	89-92	9004	*	N/A	*	
RANGER	93-08	9007	*	880	*	
TAURUS	86-91	9004	*	H3	*	
TAURUS	92-07	9007	*	880	*	
TAURUS	2008	H11	9005	H11		
TEMPO	86-94	9004	*	N/A	*	
THUNDERBIRD	87-88	9004	*	H3	*	
THUNDERBIRD	89-93	9006	9005	N/A		
THUNDERBIRD	94-97	9007	*	N/A	*	
THUNDERBIRD	02-04	9007	*	N/A	*	
WINDSTAR	95-03	9007	*	N/A	*	
ZX2	97-03	9007	*	N/A	*	
<b>GEO</b>						
METRO W/COMPOSITE	95-96	H4	*	N/A	*	
PRIZM	89-92	9004	*	N/A	*	
PRIZM	93-97	9006	9005	N/A		
TRACKER	89-97	9004	*	N/A	*	
<b>GMC</b>						
ACADIA	07-08	H11	9005	N/A	X	
CANYON	04-08	9006	9005	880		
DENALI	1999	9006	9005	N/A		
DENALI	00-04	9005	9005	N/A		
ENVOY	99-01	N/A	9005	N/A		
ENVOY	02-08	9006	9005	880		
JIMMY	95-01	9006	9005	N/A		
SAFARI W/COMPOSITE	95-04	9006	9005	N/A		

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		low	high			
SAVANA W/COMPOSITE	96-08	9006	9005	N/A		
SIERRA	92-98	9006	9005	N/A		
SIERRA	99-04	9006	9005	N/A		
SIERRA	05-08	H11	9005	N/A		
SIERRA CLASSIC	99-07	9006	9005	N/A		
SIERRA DENALI	2008	H11	9005	N/A		
SONOMA W/COMPOSITE	94-03	9006	9005	N/A		
SUBURBAN & YUKON W/COMPOSITE	92-99	9006	9005	N/A		
YUKON	07-08	H13	*	N/A	*	
YUKON/YUKON XL	00-04	9006	9005	N/A		
<b>HONDA</b>						
ACCORD	90-08	9006	9005	N/A		
ACCORD 2 DR	2008	H11	9005	H11		
CIVIC	86-87	9004	*	N/A	*	
CIVIC	88-91	9006	9005	N/A		
CIVIC	92-03	H4	*	N/A	*	
CIVIC	04-08	9006	9005	H11		
CR-V	97-04	H4	*	N/A	*	
CR-V	05-06	H11	H11	N/A		
CR-V	07-08	H4	*	N/A	*	
CRX	86-87	9004	*	N/A	*	
CRX	88-91	9006	9005	N/A		
DEL SOL	92-95	H4	*	N/A	*	
ELEMENT	03-08	H4	*	N/A	*	
ELEMENT SC	07-08	H11	9005	N/A		
FIT	07-08	H4	*	H11	*	
INSIGHT	01-05	H4	*	N/A	*	
ODYSSEY	95-04	H4	*	N/A	*	
ODYSSEY	05-08	9006	9005	N/A		
PASSPORT	94-97	9004	*	N/A	*	
PASSPORT	98-01	H4	*	N/A	*	
PILOT	03-05	H4	*	N/A	*	
PILOT	06-08	H11	9005	H11		
PRELUDE	92-96	9006	9005	N/A		
PRELUDE	97-01	H11	H11	N/A		
RIDGELINE	05-08	H4	*	N/A	*	
S2000	00-08	D2S	H1	N/A		
<b>HUMMER</b>						
H2	03-08	9007	*	N/A	*	
H3	06-08	H13	*	N/A	*	
<b>HYUNDAI</b>						
ACCENT	95-99	9004	*	H3	*	
ACCENT	00-08	H4	*	N/A	*	
AZERA	06-08	H7	H7	N/A		
ELANTRA	92-95	9004	*	N/A	*	
ELANTRA	96-98	9007	*	H3	*	
ELANTRA	99-00	H4	*	B	*	
ELANTRA	01-06	H7	H1	N/A		
ELANTRA	2007	H11	H1	N/A		
ELANTRA	2008	N/A	H1	N/A		
ENTOURAGE	2007	H11	H7	N/A		
ENTOURAGE	2008	N/A	H7	N/A		
EXCEL	87-94	9004	*	N/A	*	
SANTA FE	02-05	H4	*	H3	*	
SANTA FE	07-08	H7	H7	N/A		
SCOUPE	91-95	9004	*	H3	*	
SONATA	89-94	9004	*	N/A	*	
SONATA	95-98	9006	9005	N/A		
SONATA	99-06	H7	H1	9006		
SONATA	07-08	H7	H1	880		
TIBURON	97-02	9006	9005	N/A		
TIBURON	03-07	H7	H7	9006		
TIBURON	2008	H11	H7	9006		
TUCSON	05-08	H4	*	880	*	
VERACRUZ	2007	H7	H7	N/A		
VERACRUZ	2008	N/A	H7	N/A		
XG350	02-05	H7	H1	N/A		
<b>INFINITI</b>						
EX35	2008	H11	N/A	N/A		THIS CAR HAS A D2S HID OPTION
FX35	2007	D2S	*	N/A	*	
FX45	2008	D2S	D2S	N/A		
FX35	2008	D2S	D2S	N/A		

	year	headlamp		factory fog	reference	notes
		low	high			
<b>INFINITI (continued)</b>						
G20	92-96	9004	*	H3	*	
G20	99-02	H4	*	N/A	*	
G35	2008	D2S	D2S	9006		
G35 SEDAN	03-04	H4	*	N/A	*	
G35 SPORT COUPE	03-04	H4	*	N/A	*	
G37	2008	D2S	D2S	H1		
I30	96-01	9004	*	H3	*	
I35	02-04	N/A	9005	N/A		
J30	96-97	9006	9005	N/A		
M30	90-92	9006	9005	N/A		
M35	2008	H1	9005	H11		THIS CAR HAS A D2S LOW BEAM OPTION
M45	03-04	N/A	9005	N/A		
M45	2008	H1	9005	H11		THIS CAR HAS A D2S HID LOW BEAM
Q45	92-94	9006	9005	N/A		
Q45	95-96	H4	9005	N/A		
Q45	97-98	H4	*	H3	*	
Q45	99-03	N/A	H1	N/A		
QX4	97-99	9004	*	H3	*	
QX4	2000	H4	*	N/A	*	
QX4	01-04	N/A	9005	N/A		
QX56	04-08	D2R	9005	H3		
<b>ISUZU</b>						
AMIGO	98-99	9004	*	N/A	*	
AMIGO	00-02	H4	*	N/A	*	
ASCENDER	03-08	9006	9005	880		
AXIOM	02-04	9006	9005	N/A		
HOMBRE	96-00	9006	9005	N/A		
i-290	2008	9006	9005	N/A		
i-370	2008	9006	9005	N/A		
OASIS	96-00	H4	*	N/A	*	
RODEO	94-97	9004	*	H3	*	
RODEO	98-99	9004	*	N/A	*	
RODEO/RODEO SPORT	00-04	H4	*	N/A	*	
STYLUS	91-93	9004	*	N/A	*	
TROOPER	91-02	9004	*	H3	*	
VEHICROSS	00-01	H4	*	N/A	*	
<b>JAGUAR</b>						
S-TYPE	00-08	H7	9005	H11		THIS CAR HAS A D2S HID LOW BEAM
VENDEN PLAS	95-97	9006	9005	H3		
VENDEN PLAS	98-08	H7	H7	N/A		THIS CAR HAS A D2S HID LOW BEAM
X-TYPE	2008	H1	H1	H11		THIS CAR HAS A D2S HID LOW BEAM
XJ12	94-96	9006	9005	H3		
XJ6	90-97	9006	9005	N/A		
XJ6	1995	9006	9005	H3		
XJ8	98-08	H7	H7	H3		THIS CAR HAS A D2S HID LOW BEAM
XJR	98-08	H7	H7	9006		THIS CAR HAS A D2S HID LOW BEAM
XJS	90-91	9004	*	N/A	*	
XJS	92-96	H4	*	H3	*	
XK	2008	D1S	D1S	N/A		
XK8	97-04	H1	9005	N/A	X	
XKR	99-04	H1	9005	N/A	X	
XKR	2008	D1S	D1S	N/A		
<b>JEEP</b>						
COMMANDER	2008	N/A	9005	N/A		
COMPASS	07-08	H13	*	N/A	*	
GRAND CHEROKEE	93-98	9004	*	H3	*	
GRAND CHEROKEE	2008	9006	9005	N/A	X	
LIBERTY	02-04	9004	*	N/A	*	
LIBERTY	2008	H13	*	N/A	*	
PATRIOT	07-08	H13	*	N/A	*	
WRANGLER	07-08	H13	*	N/A	*	
<b>KIA</b>						
ARMANI	2008	N/A	H7	N/A		
OPTIMA	02-04	H7	H7	N/A		
OPTIMA	2008	N/A	H1	9006		
RIO	00-08	H4	*	N/A	*	
SEDONA	02-04	H7	H7	N/A		

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	year	headlamp		factory fog	reference	notes
		low	high			
SEDONA	2008	N/A	H1	N/A		
SEPHIA	94-98	9004	*	N/A	*	
SEPHIA	99-01	H4	*	N/A	*	
SORENTO	03-04	H7	H1	N/A		
SORENTO	2008	N/A	H1	N/A		
SPECTRA	01-04	H7	H1	N/A		
SPECTRA	05-08	H4	*	N/A	*	
SPECTRA 5	2008	H4	*	N/A	*	
SPORTAGE	95-98	9004	*	N/A	*	
SPORTAGE	99-08	H4	*	N/A	*	
<b>LAND ROVER</b>						
DISCOVERY	95-02	H4	*	H3	*	
DISCOVERY	03-04	H7	H7	N/A		
FREELANDER	02-04	H4	*	N/A	*	
LR2	2008	H11	H7	H11		THIS CAR HAS AN D1S HID LOW BEAM
LR3	2008	H11	H7	H11		THIS CAR HAS AN D1S HID LOW BEAM
RANGE ROVER	96-98	H4	9005	H1		
RANGE ROVER	99-01	H4	9005	N/A		
RANGE ROVER	02-04	H7	H7	N/A	X	
RANGE ROVER	2008	D1S	D1S	N/A		
RANGE ROVER SPORT	2008	H7	H7	N/A		THIS CAR HAS AN D1S HID LOW BEAM
<b>LEXUS</b>						
ES250	90-91	9004	*	N/A	*	
ES300	92-96	9006	9005	H3		
ES300	97-01	H7	9005	H3	X	
ES300	02-03	H7	9005	H3	X	
ES330	2004	H7	9005	H3	X	
ES350	2008	H11	9005	9006		
GS300	93-97	9006	9005	H3		
GS300	98-04	9006	9005	N/A	X	
GS350-460	2008	N/A	9005	9006		
GS400,430	98-04	N/A	9005	N/A		
GS450H	2008	N/A	9005	9006		
GX470	03-04	N/A	9005	H3		
GX470	2008	H11	9005	H3		
IS250-350	2008	H11	9005	9006		
IS300	01-04	N/A	9005	9006		
ISF	2008	N/A	9005	H11		
LS400	90-93	9004	*	N/A	*	
LS400	1995	H4	*	H3	*	
LS400	96-00	H4	9005	9006		
LS430	01-04	N/A	9005	N/A		
LS460	2008	N/A	9005	9006		
LS600H	2008	N/A	9005	9006		
LX450	96-98	9006	9005	N/A		
LX470	99-04	H1	9005	H3	X	
LX570	2008	H11	9005	H11		
RX300	98-03	9006	9005	N/A		
RX330	2004	N/A	9005	N/A	X	
RX350	2008	H11	9005	9006		THIS CAR HAS AN D2S HID LOW BEAM
RX400H	2008	H11	9005	9006		THIS CAR HAS AN D2S HID LOW BEAM
SC300 & SC400	92-99	9006	9005	H3		
SC430	02-08	N/A	9005	H3		
<b>LINCOLN</b>						
AVIATOR	03-04	N/A	9005	N/A		
BLACKWOOD	2002	9007	*	N/A	*	
CONTINENTAL	88-94	9004	*	N/A	*	
CONTINENTAL	95-02	9007	*	N/A	*	
LS	00-04	9006	9005	N/A		
MARK LT	06-08	H13	*	N/A	*	
MARK VII	84-93	9004	*	N/A	*	
MARK VIII	94-96	9005	9005	N/A		
MARK VIII	97-98	N/A	9005	N/A		
MKX	2008	H11	9005	H11		
MKZ	2008	H11	H7	H11		THIS CAR HAS AN D1S HID LOW BEAM
NAVIGATOR	99-02	9007	*	N/A	*	
NAVIGATOR	03-04	N/A	9005	N/A		
NAVIGATOR	2008	N/A	N/A	H11		
TOWN CAR	90-94	9004	*	N/A	*	
TOWN CAR	95-02	9007	*	N/A	*	
TOWN CAR	03-04	N/A	9005	N/A		



	year	headlamp		factory fog	reference	notes
		low	high			
<b>LOTUS</b>						
ELISE	04-06	H1	H7	N/A		
<b>MAZDA</b>						
3	2004	H7	9005	N/A	X	
3	2008	H7	9005	9006		THIS CAR HAS AN D2S HID LOW BEAM
323	86-94	9004	*	N/A	*	
5	2008	H7	9005	H11		THIS CAR HAS AN D2S HID LOW BEAM
6	03-04	H1	H1	H3		
6	2008	H1	H1	H11		THIS CAR HAS AN D2S HID LOW BEAM
626	93-97	9006	9005	H3		
626	98-02	H4	*	N/A	*	
626 & MX-6	86-92	9004	*	N/A	*	
929	88-91	9004	*	N/A	*	
929	92-95	9006	9005	H3		
B SERIES PICK-UP	94-08	9007	*	9006	*	
CX-7	2008	H7	9005	H11		THIS CAR HAS AN D2S HID LOW BEAM
CX-9	2008	H11	9005	9006		THIS CAR HAS AN D2S HID LOW BEAM
MAZDASPEED PROTEGE	2003	H4	*	N/A	*	
MIATA	99-00	H4	*	N/A	*	
MIATA	01-03	9006	9005	H1		
MIATA	2004	9006	9005	H11		
MILLENNIA	95-02	9006	9005	H3		
MP3	2001	H4	*	N/A	*	
MPV	89-95	9004	*	N/A	*	
MPV	96-04	H4	*	N/A	*	
MX-3	92-95	9004	*	N/A	*	
MX-5 MIATA	2008	H7	N/A	H11		THIS CAR HAS AN D2S HID LOW BEAM
MX-6	93-97	9004	*	H3	*	
NAVAJO	91-94	9004	*	N/A	*	
PROTEGE	90-94	9004	*	N/A	*	
PROTEGE 5	02-03	H7	9005	H3		
PROTEGE/MP3/MAZDASPEED	95-03	H4	*	H3	*	
RX-7	93-96	H4	*	H3	*	
RX-8	04-08	H7	N/A	H11		THIS CAR HAS AN D2S HID LOW BEAM
TRIBUTE	01-04	H4	*	N/A	*	
TRIBUTE	2008	H13	*	N/A	*	
<b>MERCEDES-BENZ</b>						
190 E/300 (E,CE,SE,SEL)/420 SEL/560 SEL	89-91	9004	*	H3	*	
300 SL/500 SL	92-93	9004	*	H1	*	
300 (D,E,CE,TE)/190E/400E/500E	92-93	9004	*	H3	*	
300 (SD,SE)/500 SEL/600 SEL	92-93	H4	*	H3	*	
400 SE	1992	H4	*	H3	*	
400 SEL/500 SEC/600 SEC	1993	H4	*	H3	*	
600 SL	1993	9004	*	H1	*	
C-CLASS	94-96	H4	*	H3	*	
C-CLASS	97-00	H7	H1	H3	X	
C-CLASS	01-08	H7	H7	9006		THIS CAR HAS AN D1S HID LOW BEAM
CI	2008	D1S	H7	H11		
CL-CLASS	98-04	N/A	H7	9006		
CLK	98-08	H7	H7	9006		THIS CAR HAS AN D2S HID LOW BEAM
CLS	2008	H7	H7	H11		THIS CAR HAS AN D2S HID LOW BEAM
E-CLASS	94-95	H4	*	H3	*	
E-CLASS	96-04	H7	H7	H11		THIS CAR HAS AN D1S HID LOW BEAM
G-CLASS	2008	D1S	D1S	H11		
G500	03-04	H4	*	H3	*	
GL-CLASS	2008	H7	H7	H11		THIS CAR HAS AN D1S HID LOW BEAM
M-CLASS	98-014	H7	H1	H3	X	
M-CLASS	02-08	H7	H7	H11		THIS CAR HAS AN D1S HID LOW BEAM
R-CLASS	2008	H7	H7	H11		THIS CAR HAS AN D2S HID LOW BEAM
S-CLASS	97-99	H7	H1	H1	X	
S-CLASS	00-02	H7	H7	N/A	X	
S-CLASS	03-04	H7	H7	H7	X	
S-CLASS	2008	H7	H7	H11		THIS CAR HAS AN D1S HID LOW BEAM
S-CLASS 2 DR	94-96	H4	*	H3	*	
S-CLASS 4 DR	1994	H4	*	H3	*	
S-CLASS 4 DR	95-96	H7	H1	H1		
SI	2008	H7	H7	H11		THIS CAR HAS AN D2S HID LOW BEAM
SL-CLASS	1994	9004	*	H1	*	

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	year	headlamp		factory fog	reference	notes
		low	high			
SL-CLASS W/COMPOSITE	96-01	9004	*	H1	*	
SL-CLASS W/HID	96-01	N/A	H1	H1		
SLK	98-08	H7	H7	9006		THIS CAR HAS AN D2S HID LOW BEAM
<b>MERCUY</b>						
COUGAR	1988	9004	*	H3	*	
COUGAR	89-90	9006	9005	N/A		
COUGAR	91-98	9007	*	N/A	*	
COUGAR	99-02	9006	9005	N/A		
GRAND MARQUIS	92-97	9006	9005	N/A		
GRAND MARQUIS	98-04	9007	*	N/A	*	
GRAND MARQUIS	06-08	H13	*	N/A	*	
MARAUDER	03-04	9007	*	N/A	*	
MARINER	06-08	H13	*	N/A	*	
MILAN	2008	H11	H7	H11		
MONTEREY	04-07	H13	*	H11	*	
MOUNTAINEER	97-01	9007	*	H3	*	
MOUNTAINEER	02-05	9007	*	N/A	*	
MOUNTAINEER	06-08	H13	*	N/A	*	
MYSTIQUE	95-00	9006	9005	N/A		
SABLE	86-91	9004	*	N/A	*	
SABLE	92-04	9007	*	N/A	*	
SABLE	2008	H11	9005	H11		
TOPAZ	86-94	9004	*	N/A	*	
TRACER	89-96	9004	*	N/A	*	
TRACER	97-00	9007	*	N/A	*	
VILLAGER	93-98	9004	*	N/A	*	
VILLAGER	99-02	9007	*	N/A	*	
<b>MINI</b>						
COOPER CLUBMAN	2008	H4	*	N/A	*	THIS CAR HAS AN D1S HID LOW BEAM OPTION
COOPER CONVERTIBLE	2008	H7	H7	H11		THIS CAR HAS AN D1S HID LOW BEAM OPTION
COOPER S CLUBMAN	2008	H4	*	N/A	*	THIS CAR HAS AN D1S HID LOW BEAM OPTION
COOPER S CONVERTIBLE	2008	H7	H7	H11		THIS CAR HAS AN D1S HID LOW BEAM OPTION
COUPE	2008	H13	*	N/A	*	
MINI COOPER/MINI COOPER S	02-04	H7	H7	N/A	X	
S COUPE	2008	H13	*	N/A	*	
<b>MITSUBISHI</b>						
3000GT	94-99	9006	9005	H3		
DIAMANTE	92-04	9006	9005	N/A		
ECLIPSE	92-99	9006	9005	H3		
ECLIPSE	00-04	H4	*	H1	*	
ECLIPSE	06-08	H13	*	N/A	*	
ECLIPSE SPYDER	07-08	H13	*	H11	*	
ENDEAVOR	04-08	9007	*	H1	*	
EXPO	92-94	9004	*	N/A	*	
EXPO	95-96	H4	*	N/A	*	
GALANT	88-98	9006	9005	H3		
GALANT	99-03	H4	*	H1	*	
GALANT W/PROJECTORS	04-08	9007	*	H1	*	
GALANT W/PROJECTOR TYPE HEADLIGHTS	04-08	9006	9005	H1		
LANCER	02-04	9007	*	H3	*	
LANCER EVOLUTION	03-08	9006	9005	H7		HID D2S LOW BEAM OPTION
MIRAGE	1988	9004	*	N/A	*	
MIRAGE	89-92	9006	9005	N/A		
MIRAGE	93-96	9004	*	N/A	*	
MIRAGE	97-01	H4	*	H3	*	
MONTERO	92-97	9004	*	N/A	*	
MONTERO	98-99	9004	*	N/A	*	
MONTERO	00-04	H4	*	N/A	*	
MONTERO SPORT	97-99	H4	*	H3	*	
MONTERO SPORT	00-04	9007	*	N/A	*	
OUTLANDER	03-04	9007	*	N/A	*	
OUTLANDER	2008	9006	9005	N/A		
PRECIS	88-91	9004	*	N/A	*	
RAIDER	06-07	H13	*	N/A	*	
<b>NISSAN</b>						
200SX	95-98	9004	*	H3	*	
240SX	95-96	H4	9005	H3		
240SX	97-98	H1	9005	H3		
300ZX	87-89	9004	*	H3	*	
300ZX	90-96	9006	9005	H3		
350Z	03-04	H7	H7	N/A	X	
350Z	2008	D2S	D2S	N/A		

	year	headlamp		factory fog	reference	notes
		low	high			
<b>NISSAN (continued)</b>						
ALTIMA	93-97	H4	*	H3	*	
ALTIMA	98-01	9004	*	N/A	*	
ALTIMA	02-04	H1	9005	9006	X	
ALTIMA	2008	H11	N/A	H11		THIS CAR HAS AN D2R HID LOW BEAM
ALTIMA HYBRID	2008	H1	9005	H11		
ARMADA	98-00	9004	*	N/A	*	
FRONTIER	98-00	9004	*	N/A	*	
FRONTIER	01-08	9007	*	H3/H11	*	
MAXIMA	85-99	9004	*	H3	*	
MAXIMA	00-01	H4	*	H3	*	
MAXIMA	02-04	N/A	9005	N/A		
MAXIMA	2004	N/A	*	H3	*	
MAXIMA	2008	9006	9005	H11		THIS CAR HAS AN D2S HID LOW BEAM
MURANO	03-04	9007	*	N/A	*	
MURANO WITH HID OPTION	03-04	N/A	H7	N/A		
PATHFINDER	87-98	9004	*	H3	*	
PATHFINDER	99-04	H4	*	N/A	*	
PATHFINDER	2008	9007	*	H11	*	
PICK-UP W/COMPOSITE	1998	9004	*	N/A	*	
QUEST	93-95	9004	*	N/A	*	
QUEST	1996	9007	*	N/A	*	
QUEST	97-98	9004	*	N/A	*	
QUEST	99-03	9007	*	N/A	*	
QUEST	04-08	9006	9005	H11		
ROGUE	2008	H11	9005	H11		THIS CAR HAS AN D2R HID LOW BEAM
SENTRA	85-92	9004	*	N/A	*	
SENTRA	93-94	H4	*	H3	*	
SENTRA	95-99	9004	*	H3	*	
SENTRA	00-03	9007	*	H3	*	
SENTRA	04-08	H13	*	H11	*	
STANZA	85-92	9004	*	N/A	*	
TITAN	04-08	9006	9005	880		
VERSA	2008	H4	*	N/A	*	
XTERRA	00-01	9004	*	N/A	*	
XTERRA	02-08	9007	*	H11	*	
<b>OLDSMOBILE</b>						
ACHIEVA	92-97	9004	*	N/A	*	
ALERO	99-04	9006	9005	N/A		
AURORA	95-03	9006	9005	N/A		
BRAVADA	96-04	9006	9005	N/A		
CUTLASS	1997	9006	9005	N/A		
CUTLASS CIERA	88-96	9006	9005	H3		
CUTLASS SUPREME 4 DR	88-97	9006	9005	N/A		
EIGHTY-EIGHT	92-99	9006	9005	N/A		
INTRIGUE	98-02	9006	9005	N/A		
NINETY-EIGHT	92-96	9006	9005	N/A		
REGENCY	97-98	9006	9005	N/A		
REGENCY 98 & ROYALE 88	90-91	9004	*	N/A	*	
SILHOUETTE	90-96	9006	9005	N/A		
SILHOUETTE	97-04	9004	*	N/A	*	
<b>PLYMOUTH</b>						
BREEZE	96-00	9007	*	9006	*	
COLT & COLT VISTA	93-94	9004	*	N/A	*	
LASER	92-94	9006	9005	N/A		
NEON	95-99	9007	*	N/A	*	
NEON	2000	9007	*	N/A	*	
PROWLER	98-00	9006	9005	N/A		
SUNDANCE & DUSTER	89-94	9004	*	H3	*	
VOYAGER	90-95	9004	*	H3	*	
VOYAGER	96-00	9007	*	H3	*	
<b>PONTIAC</b>						
AZTEK	01-04	9006	9005	N/A		
BONNEVILLE	87-04	9006	9005	H3		
G5	2008	9007	*	H11	*	
G6	2008	H11	N/A	H11		
G8 & G8 GT	2008	H7	N/A	N/A		
GRAND AM	90-98	9006	9005	N/A		

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	year	headlamp		factory fog	reference	notes
		low	high			
GRAND AM	99-04	9007	*	N/A	*	
GRAND PRIX	97-03	9007	*	N/A	*	
GRAND PRIX	04-08	9006	9005	880		
GRAND PRIX GXP	2008	9006	9005	H11		
GRAND PRIX W/COMPOSITE	88-96	9006	9005	N/A		
MONTANA	99-04	9004	*	N/A	*	
SOLSTICE	2008	N/A	N/A	880		
SOLSTICE	06-08	H13	*	N/A	*	
SUNFIRE	95-02	9007	*	N/A	*	
TORRENT	2008	N/A	N/A	880		
TORRENT	06-08	H13	*	H11	*	
TRANS SPORT	90-96	9006	9005	N/A		
TRANS SPORT	97-00	9004	*	N/A	*	
VIBE	03-08	H4	*	9006	*	
<b>PORSCHE</b>						
911	87-94	9004	*	H3	*	
911	95-98	H1	H1	H3		
928	87-95	9004	*	H3	*	
968	92-94	9004	*	H3	*	
968	1995	H4	*	H3	*	
998	99-02	N/A	H7	N/A		
998	03-04	H7	N/A	N/A		
BOXTER	98-04	H7	H7	N/A	X	
CAYENNE	03-04	N/A	H7	H3		
<b>SAAB</b>						
9-3	98-02	H4	*	N/A	*	
9-5	99-08	H7	H7	H1		THIS CAR HAS AN D1S HID LOW BEAM
9-3	2008	H11	H7	N/A		THIS CAR HAS AN D1S HID LOW BEAM
9-3 SEDAN	03-04	H7	H7	N/A	X	
9-7X	2008	H11	9005	H11		THIS CAR HAS AN D1S HID LOW BEAM
900	87-93	9004	*	H	*	
900	94-97	H4	*	H3	*	
9000	87-92	9004	*	H3	*	
9000	95-97	9006	9006	H3		
9000 CD 4 DR	93-94	9004	*	H3	*	
9000 CD HATCHBACK	93-94	9006	9005	H3		
<b>SATURN</b>						
AURA	2008	H11	9005	H11		
ION COUPE	03-04	9007	*	N/A	*	
ION SEDAN	03-04	9007	*	N/A	*	
L-SERIES	03-04	N/A	9005	N/A		
LS	00-02	9006	9005	N/A		
OUTLOOK	2008	H11	9005	N/A		
SC1	93-02	9006	9005	N/A		
SC2	97-02	9006	9005	N/A		
SKY	2008	H11	N/A	H11		
SL/SL1/SL2	92-00	9006	9005	N/A		
SW1/SW2	93-00	9006	9005	N/A		
VUE	03-04	9006	9005	N/A		
VUE	2008	H11	9005	H11		
<b>SCION</b>						
TC W/PROJECTORS	2008	H11	9005	N/A		
TC W/O PROJECTORS	05-08	9006	9005	9006		
XA	04-06	H4	*	9006	*	
XB	04-06	H4	*	N/A	*	
XB	2008	H11	9005	N/A		
XD	2008	H4	*	N/A	*	
<b>SUBARU</b>						
BAJA	03-04	H1	9005	H3		
FORESTER	98-05	H4	*	H3	*	
FORESTER	2008	H1	9005	9006		THIS CAR HAS AN D2R HID LOW BEAM
IMPREZA	93-01	H4	*	H3	*	
IMPREZA	02-03	9007	*	H3	*	
IMPREZA	04-05	H1	9005	H3		
IMPREZA	06-07	H7	9005	N/A		
IMPREZA	2008	H11	9005	9006		
IMPREZA STI	04-08	D2R	9005	9006		
JUSTY	89-94	9004	*	N/A	*	
LEGACY	90-91	9004	*	N/A	*	
LEGACY	05-08	H7	9005	H3		
LEGACY GT/LIMITED/OUTBACK	00-03	H1	9005	N/A		

	year	headlamp		factory fog	reference	notes
		low	high			
<b>SUBARU (continued)</b>						
LEGACY L	00-04	9007	*	N/A	*	
LEGACY/OUTBACK	92-99	H4	*	H3	*	
LOYALE	90-94	9004	*	N/A	*	
OUTBACK	05-08	H7	9005	9006		
SVX	92-97	9006	9005	H3		
TRIBECA	2008	H7	9005	H3		THIS CAR HAS AN D1S HID LOW BEAM
<b>SUZUKI</b>						
AERIO	03-05	H4	*	N/A	*	
ESTEEM	99-01	H4	*	N/A	*	
FORENZA	04-08	H7	H1	N/A		
GRAND VITARA	99-05	H4	*	N/A	*	
GRAND VITARA	06-08	H7	9005	N/A		
RENO	2008	H7	H7	N/A		
SIDEKICK	90-97	9004	*	N/A	*	
SWIFT	89-97	9004	*	N/A	*	
SX4	2008	9007	*	N/A	*	
VERONA	2004	H7	9005	N/A		
X-1990	96-98	H4	*	N/A	*	
XL-7	02-04	H4	*	N/A	*	
XL-7	07-08	H13	*	H11	*	
<b>TOYOTA</b>						
4RUNNER	92-95	9004	*	N/A	*	
4RUNNER	96-02	H4	*	N/A	*	
4RUNNER	03-05	9006	9005	9006		
4RUNNER	95-04	9006	9005	9006		
AVALON	95-04	9006	9005	9006		
AVALON	2008	H11	N/A	9006		
CAMRY	85-91	9004	*	N/A	*	
CAMRY	92-96	9006	9005	N/A		
CAMRY	97-01	H4	*	N/A	*	
CAMRY	02-06	9006	9005	9006		
CAMRY	07-08	H11	9005	H11		
CELICA	94-99	9006	9005	H3		
CELICA	00-04	H7	9005	H3		
COROLLA	93-97	9006	9005	N/A		
COROLLA	98-02	H4	*	N/A	*	
COROLLA	03-08	9006	9005	N/A		
CRESSIDA	88-92	9004	*	N/A	*	
ECHO	00-04	H4	*	N/A	*	
FJ CRUISER	07-08	H4	*	N/A	*	
HIGHLANDER	02-07	9006	9005	N/A		
HIGHLANDER	2008	H4	*	H11	*	
LAND CRUISER	91-98	9006	9005	N/A		
LAND CRUISER	2008	H11	9005	9006		
MATRIX	03-08	9006	9005	9006		
MR2 SPYDER	01-02	H4	*	N/A	*	
MR2 SPYDER	03-05	H7	9005	9006		
PASEO	92-97	H4	*	N/A	*	
PREVIA	94-97	H4	*	H3	*	
PRIUS	00-08	H4	*	N/A	*	
RAV4	96-06	H4	*	N/A	*	
RAV4	07-08	9006	9005	H11		
SEQUOIA	07-08	H11	9005	N/A		
SEQUOIA	01-06	H4	*	9006	*	
SIENNA	98-03	H4	*	N/A	*	
SIENNA	04-06	9006	9005	H3		
SIENNA	07-08	9006	9005	9006		THIS CAR HAS AN D2R HID LOW BEAM OPTION
SOLARA	99-03	H4	*	N/A	*	
SOLARA	04-08	H11	9005	N/A		
SUPRA	94-98	9006	9005	H3		
T100	93-98	H4	*	N/A	*	
TACOMA	97-08	H4	*	N/A	*	
TERCEL	95-96	9004	*	N/A	*	
TERCEL	97-99	H4	*	N/A	*	
TUNDRA	99-06	H4	*	9006	*	
TUNDRA	07-08	H11	9005	N/A		
YARIS	07-08	H4	*	H11	*	

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	year	headlamp		factory fog	reference	notes
		low	high			
<b>VOLKSWAGEN</b>						
BEETLE	98-05	H1	H1	H1		THIS CAR HAS AN D2S HID LOW BEAM
BEETLE	06-08	H7	H7	H11		
CABRIO	95-98	H4	*	N/A	*	
CORRADO	90-94	9004	*	N/A	*	
EOS	07-08	H7	H7	N/A		
EUROVAN	1993	9004	*	H3	*	
EUROVAN	95-04	H4	*	H3	*	
FOX	92-93	9004	*	N/A	*	
GOLF/GTI	99-04	H7	H7	H3		
GOLF/GTI/JETTA	88-92	9004	*	H3	*	
GOLF/GTI/JETTA	1995	H4	*	H3	*	
GOLF/GTI/JETTA	1996	9004	*	H3	*	
GOLF/GTI/JETTA	1997	9006	9005	H3		
GOLF/JETTA	93-94	H4	*	H3	*	
GTI/JETTA	85-87	9004	*	N/A	*	
JETTA	99-05	9007	*	H3	*	
JETTA	06-08	H7	H7	9006		THIS CAR HAS AN D2S HID LOW BEAM
PASSAT	90-94	9004	*	N/A	*	
PASSAT	95-97	9006	9005	H1		
PASSAT	98-08	H7	H7	H3		THIS CAR HAS AN D1S HID LOW BEAM
QUANTUM	87-88	9004	*	N/A	*	
R32	2008	H7	H7	9006		THIS CAR HAS AN D2S HID LOW BEAM
RABBIT	07-08	H7	H7	9006		THIS CAR HAS AN D2S HID LOW BEAM
TOUREG	04-08	H7	H7	H11		THIS CAR HAS AN D1S HID LOW BEAM
VANAGON/TRANSPORTER	1986	9004	*	N/A	*	
<b>VOLVO</b>						
240	86-93	9004	*	N/A	*	
740	90-92	9004	*	H3	*	
760	88-90	9004	*	N/A	*	
780	89-91	9004	*	H3	*	
850	1993	H4	*	N/A	*	
850	95-98	9006	9005	H3		
850 SEDAN & WAGON 2 H/L	1994	H4	*	N/A	*	
850 SEDAN & WAGON 4 H/L	1994	9006	9005	N/A		
940	91-95	9004	*	N/A	*	
960	92-95	9004	*	N/A	*	
960	96-97	9006	9005	N/A		
C30	2008	H11	9005	H11		THIS CAR HAS AN D2S HID LOW BEAM
C70	06-08	H11	9005	H11		THIS CAR HAS AN D2S HID LOW BEAM
C70,S70,V70,S80,XC70	99-03	H7	H7	N/A		
C70,V70,XC70	2004	H7	H7	N/A		
S40	2005	N/A	9005	N/A		
S40 W/HID	2008	D2S	H7	H11		
S40 W/O HID	2008	H11	9005	H11		
S40,V40	00-04	H7	H7	N/A		
S60	02-04	H7	9005	N/A	X	
S60	05-08	H11	*	N/A	*	THIS CAR HAS AN D2S HID LOW BEAM
S80	03-04	H7	9005	N/A	X	
S80 W/HID	2008	D1S	H7	N/A		
S80 W/O HID	2008	H11	N/A	N/A		
V50 W/HID	2008	D2S	H7	N/A		
V50 W/O HID	2008	H11	9005	N/A		
V70 W/HID	2008	D1S	H7	N/A		
V70 W/O HID	2008	H11	N/A	N/A		
XC70 W/HID	2008	D1S	H7	N/A		
XC70 W/O HID	2008	H11	N/A	N/A		
XC90	03-04	H7	N/A	H1		
XC90 W/HID	2008	D1S	N/A	H1		
XC90 W/O HID	2008	H11	H7	H1		



## GLOSSARY

- Ampere (A or Amp)** The unit of measure for electrical current. Basic formula for finding Amp draw (Amps = watts ÷ volts)
- Candela** A unit of measurement for the luminous intensity of a lamp at a specific spot in the beam.
- Dichroic** A glass reflector and bulb assembly that allows heat to dissipate through the reflector and away from the bulb thus increasing bulb life.
- High Intensity Discharge** A light source in which light is produced by a stabilized arc that burns at a much higher color temperature which creates a whiter light output than a standard halogen bulb. This arc is generated with an igniting system and ballast.
- Kelvin** Color temperature is a unit of measure for the color of light – it is not necessarily related to the heat of the light source. A higher color temperature represents a color closer to actual sunlight.
- Lens Fluting** A process in lamp design that molds the lens to control the beam pattern by deflecting the light to the desired point in the beam. Lens fluting usually looks like vertical cuts in the lens.
- Lumens** A unit of measurement for the amount of light that a bulb puts out. Example: common light bulbs emit approximately 170 candela per 10 watts of electricity.
- NHTSA, D.O.T.** National Highway Traffic Safety Administration, Department of Transportation, sets the laws and guidelines for the preservation of safety on public highways.
- S.A.E.** Society of Automotive Engineers, publishes the recommended practices, design specifications, and testing procedures for all automotive systems.

## NOTICE TO CONSUMER

PIAA lamps are intended for use solely as auxiliary lighting. PIAA lamps are not intended to be used for headlight purposes, nor are they certified for headlight usage. Auxiliary lighting laws vary from state to state. PIAA makes no representation or warranty, either expressed or implied, as to the legality of its products for street use on any vehicle or in any location. PIAA lamps are designed to improve visibility during night time motoring and inclement weather conditions. However, irresponsible use of any auxiliary light can be dangerous and illegal.

## PIAA WARRANTY

### PIAA Corporation U.S.A., Limited Product 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.

#### 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 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.

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#### Super Plasma GT-X Working Display

Designed to show comparison of normal H3 bulbs and PIAA's new Super Plasma GT-X. Power supply not included.

Measurements: 15"H x 11"W x 5"D

PN 30910



#### Swivel Bulb Display

Holds 12 twin bulb packages.

Includes important product information.

Lockable.

Some assembly required.

Measurements: 19.25"H x 13"W x 9.5"D

PN 30906 (Display only)



#### Working Lamp Display

PN 30051L

Power supply not included.



#### Xtreme White Plus Working Display

Designed to show comparison of normal H3 bulbs and PIAA's Xtreme White Plus. Power supply not included.

Measurements: 15"H x 11"W x 5"D

PN 30911

NOTE: Product mix may change as new products become available.

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