



LLTEK MOTORSPORTS

COMPONENTS FOR AUDI® • PORSCHE® • VW® TOUAREG®

2005 CATALOG

PAGES 45 to 57

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Lighting Upgrades

H7 - SYO Bulb

Ecode systems

A Word About Xenon

HID Upgrade Kit

Fog/Driving lights

Tail lights

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TOTAL LIGHTING SOLUTIONS



FAQ: Frequently Asked Lighting Questions

Q. Why does a European version of a projector headlamp produce more lighting to the road than its North American cousin, even though the identical halogen or HID systems are used?

A. There are two key reasons why a Euro headlamp out-performs its North American cousin. Tighter optics in the projector lens produces approximately 30% more light plus a more defined and tighter cut off point when the light beam is cast. Let us explain more. Europeans strongly believe that more light creates a more safer driving environment. Therefore European optics tightly focus the light beam so light is not wasted nor scattered. This is done by simply using superior designed projector lens. In North America, the roads are generally wider and street lighting is generally superior to Europe. Therefore the peripheral section of the light beam is far wider, although this peripheral light is quite weak. The cut off points in North America for distance are also far shorter than in Europe.

Q. If I switch to a European version headlamp, will I really see better at night?

A. Yes, driving lighting will be superior. Fatigue will be reduced, driving strain will be reduced, road signs, road markings and other objects will light up brighter. Driver error will be reduced and concentration will be enhanced. Also, driving in bad weather at night time has always been a problem and a European headlamp will improve this type of driving experience. Different people will experience different levels of increased visibility performance. Overall, a positive experience.

Q. What about installation? Will the headlamp from Europe fit into my car with no problems?

A. Yes, the headlamp fits in fine. Power connection is fine as well and is generally "plug and play". However some functionality has to be addressed separately to use some of the extra lighting features. For example, should you wish to use the city running light, new connections to power must be created. This is the mini 5 watt bulb in the headlamp unit. In older 2-piece A4 headlamps (1996-1999) (1995-1998 Euro years) the fog light in the headlamp is lost when the newer special Krystal Klear projector headlamp is purchased. However, LLTEK has a lower fog light kit to handle any desire for functional lower fog lights (lower is where fog lights should be in the first place). An upgrade to A4 cars with 2-piece headlamps to the new super Krystal Klear projector headlamps (with or without Xenon) is a very worthwhile consideration. Results are outstanding!

Q. Are Euro headlamps (E-code) legal in North America?

A. Euro headlamps are E code and accepted in Canada. In the USA, headlamps must be DOT approved. The use of a Euro headlamp in the USA is a judgment call and any decision to purchase a European-style headlamp should be made on overall balance of needs. To produce superior lighting to reduce problems at night, a Euro headlamp is a way to go. Have your headlamps professionally aligned on a regular basis. Safety and good lighting should be the motivating factor. Make a good decision.

TOTAL BULB OFFER FOR HID **SAVE 90%** **CODE: L-PAK 12X**

Pay only \$12 extra and LLTEK will include and install all of these bulbs in your LLTEK purchased HID headlamp set! A great Value!

HID HEADLAMP PURCHASE SPECIAL OFFER (A4 only)	VALUE
2 SUPER PLASMA H7 bulbs (our best Halogen bulb)	\$ 77
2 S-YO silver turn signal bulbs that light up Yellow Orange*	\$ 33
2 Mini City Euro bulbs for that true European touch**	\$ 11
Pay only \$12 (90% discount), you receive a retail value of	\$ 121



* Specify push-in (bayonet) or wedge socket for S-YO bulb set ** Requires wiring

TOTAL BULB OFFER FOR HALOGEN **SAVE 90%** **CODE: L-PAK 20H**

Pay only \$20 extra and LLTEK will include and install all of these bulbs in your LLTEK purchased HALOGEN headlamp set! SUPERB!

HALOGEN HEADLAMP PURCHASE SPECIAL OFFER (A4 only)	VALUE
4 SUPER PLASMA H7 bulbs (our best Halogen bulb)	\$ 154
2 S-YO silver turn signal bulbs that light up Yellow Orange*	\$ 33
2 Mini City Euro bulbs for that true European touch**	\$ 11
Pay only \$20 (90% discount), you receive a retail value of	\$ 198



* Specify push-in (bayonet) or wedge socket for S-YO bulb set ** Requires wiring



SUPER PLASMA

H7 Halogen Xenon-like output

\$77 set

SUPER FUSION

H7 Halogen

\$55 set

FUSION X Series

H7 Halogen

\$33 set

HALOGEN LIGHTING SOLUTIONS FROM LLTEK

Introducing 3 new hi-performance Halogen "high output" lighting solutions to inexpensively improve your night driving vision. Each of these 3 bulb systems was designed to draw ultra low wattage to ensure no impact on your Audi's headlamp wiring system and to ensure no cross talk or interface with any internal computer signals which flow through all new Audi electrical systems, particularly lighting grids. Most bulbs in the marketplace fail to address this critical interference issue found primarily in the wiring sensitive Audi. Now you can have high lumen output with reduced electrical strain. Although rated at 55 watts output, the light output of these new bulbs approaches 75/85 watts. Each bulb uses a newly developed ultra durable low wattage and superfine filament.

Three new bulb technologies - H7

These three Halogen bulb systems are ultra high performance output lamps. Each was designed with a new generation of technology. 2 bulbs per set.

Super Plasma Series

The first DOT/SAE (12 volt) specification ultra performance bulb with both low draw and an ultra thin filament system which is Audi Wiring Friendly (AWF). This very new generation of light has a 30% increase in output derived from critical internal ampule coatings and is now "government friendly". Light output is a pure intense white beam and utilizes Xenon gas and a trace of Krypton-lite gas.

Super Fusion Series

New internal critical coatings plus a "super fine" filament creates a sparkling light output extremely close to a true HID look lighting system. Audi Wiring Friendly (AWF) with all of the lighting low draw characteristics of the Fusion Series except greater light output with use of Krypton-heavy instead of Krypton-lite.

Fusion X Series

Produces an ultra bright white beam with a hint of blue which simulates the HID look. High output light which is Audi Wiring Friendly (AWF). 30% extra lumen output over our previous models (contains traces of Xenon and super Krypton-lite gases).

Features in all Serious Vision Halogen

- Newly designed and robust low wattage filament.
- 4100° K color temperature (Blue-White HID look)
- 30-34% increase in lighting over similar H7 bulbs
- 2 unique combined gases - Xenon and new super Krypton-lite for boost critical lumen output. Super Plasma utilizes Krypton-heavy gasses
- New inner ampule coating technology creates super clear light
- Ultra low current draw ensures no computer interference or cross talk
- New optical engineering process utilized in all three bulb variations
- Ultra high light output for superior night time safety and performance driving.

NOTE: All performance lighting requires special care and attention during installation. Never touch the glass ampule with your fingers.

"Truth in Clarity" Make no mistake - the Serious Vision Halogen Series of bulbs are not HID bulbs. Yes, certain new Halogen Serious Vision bulbs contain Xenon gases and certain models contain low levels of super Krypton-lite/heavy gasses to provide superior lighting boost. Still these Halogen bulbs are not HID bulbs. They are superior performance bulbs utilizing Halogen lighting criteria designed to work perfectly and specifically in your car. No HID ballast/starter is utilized with these bulbs. No modification is needed to your driving lights. Just install, go and see.

WARNING - CAUTION - H7

Each Serious Vision Halogen bulb contains both Xenon and various levels of Krypton gases under extreme pressure. The bulb may shatter if scratched, dropped or roughly touched. Handle the bulbs carefully. Keep away from the reach of children. Laws governing the use of these specially prepared vision friendly bulbs vary in different countries. User discretion advised.

Introducing S-YO Say goodbye orange... Say Hello S-YO!

Flashes a cool Yellow/Orange. At rest (no flashing) the silver mirror coating hides the yellow/orange to create an ultra clear and virtually invisible bulb. (Applicable to turn signals and tail lights)



Carefully pick your S-YO bulb Four available variations!

More recent Audi cars use the wedge-type base in the front turn signal bulb. However, the only way to know for sure is to look at your bulb base. Take the time to check it out and stamp out errors. Furthermore, USA/Canadian cars always use dual contact bulbs in front turn signals. If you wish to upgrade your rear turn signal flasher to eliminate the yellow/orange look, choose the single filament bayonet-style bulb base.

Dual contact bayonet



Dual contact wedge

Wedge base
Bayonet (push-in) base

S-YO BULB GUIDE

- | S-YO BULB GUIDE | APPLICATION |
|--|----------------------|
| 1. Dual contact bayonet (2 filament) | USA / Canada front |
| 2. Dual contact wedge (2 filament) | USA / Canada front |
| 3. Single contact bayonet (1 filament) | ROW / front and rear |
| 4. Single contact wedge (1 filament) | ROW / front and rear |

PERFORMANCE HALOGEN AND S-YO BULBS

#	TYPE	DESIGN	DESCRIPTION	PART NO.	PRICE USD
HAL H7, S-YO, MINI DISCOUNTED 90% WITH HEADLIGHT PURCHASE (SEE S-YO BULB DATA IN GENERAL LIGHTING PRICING AND SPECS)					
1	HAL.SP	SVISION	Super PLASMA H7 Halogen set•Low draw HID look•AWF•Intense white•Coated internal ampule•DOT/SAE approved	J-0006	\$ 77
2	HAL.SF	SVISION	Super FUSION H7 Halogen set•Sparkling light•HID look•AWF•Krypton heavy gas	J-0005	\$ 55
3	HAL.FX	SVISION	Fusion X H7 Halogen set•AWF•Ultra white, hint of blue•HID look•Krypton lite gas	J-0003	\$ 33
4	SYO.DB	SVISION	S-YO bulb set•Bayonet (push-in/twist)•Dual contact•Dual filament•1157/1457•Silver mirror surface•Flash yellow/orange	CY-YO1157B-D	\$ 33
5	SYO.DW	SVISION	S-YO bulb set•Wedge•Dual contact•Dual filament•3157/3457•Silver mirror surface•Flash yellow/orange	CY-YO3157W-D	\$ 33
6	SYO.SB	SVISION	S-YO bulb set•Bayonet (push-in/twist)•Single contact/filament•1156/3456•Silver mirror surface•Flash yellow/orange	CY-YO1156B-S	\$ 33
7	SYO.SW	SVISION	S-YO bulb set•Wedge•Single contact/filament•3156/3456•Silver mirror surface•Flash yellow/orange	CY-YO3156W-S	\$ 33
8	SYO.FATS	SVISION	Tail light bulb set • Silver surface but flashes red • 21 watt • 12V • Offset bayonet E13	CY-YOFAT	\$ 44
9	MINI.SW	SVISION	Mini City Euro bulb•OEM socket prewired•Switch wiring required•5 watt bulb	J-194	\$ 11

Prices in US dollars; specifications, availability and pricing subject to change. Two (2) bulbs per package. AWF= Audi Wiring Friendly

Call your friendly LLTEK representative for information and to order

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NEW KRYSTAL KLEAR 2-PIECE A4 EURO PROJECTORS

1996-1999 (USA) / 1995-1998 (Euro)
(switchable internally to right hand drive)

Without question, the new complete 4-piece headlamp upgrade kit provides dramatic nighttime light plus superb styling for earlier A4 cars. This is a true "Plug and Play", perfect fit installation. No cutting and no rewiring. Simply install, plug and align! See the tighter beam pattern. See farther down the road. Drive more relaxed and reduce fatigue! Lighting has never been this good!

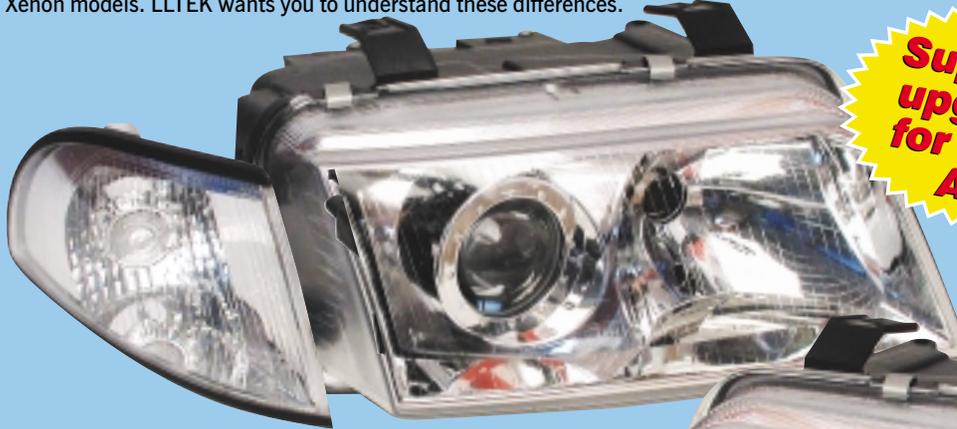
Two very different models available: **1. Halogen Krystal Klear Projector**
2. Xenon (HID) Krystal Klear

There are serious fundamental differences between the Halogen and Xenon models. LLTEK wants you to understand these differences.



Black inside version available NOW!

Black mystic 2-piece headlamp available in Halogen or HID configuration



Superior upgrade for early A4!

IMPORTANT: It is mandatory to reinstall the rubber water deflector covering found on top of each OEM headlight to the tops of each new projector headlight.

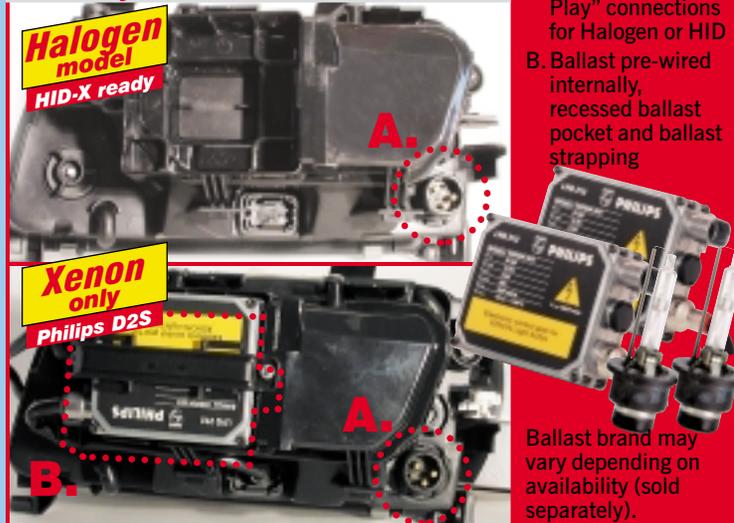
HALOGEN VERSUS XENON MODEL

The 2-piece Halogen Krystal Klear projector headlamp uses 2 H7 Halogen bulbs; one for the low beam (the projector portion of the headlamp) and the other for the high beam. A mini Euro City bulb can also be wired into the provided socket. Exciting Krystal Klear Euro turn signals ship with both the Halogen or the Xenon model kits.

Krystal Klear H7 projector headlamp light output is over 30% greater compared to OEM system.

The Xenon (HID) model looks very similar to the Halogen version. Close examination of the pictures (below) reveals the differences. While the Xenon version has a high beam bulb which is also H7, the low beam uses the Philips D2S HID bulb and matching ballast. The HID bulb fits into a special receptacle that is prewired into the ballast. The second difference is the ballast socket. Examine the pictures below and notice the recessed pocket area in the back of the Xenon headlamp for the ballast. There is also a special bracket to secure the ballast tightly. Finally, the Xenon optics are superior to its Halogen counterpart to take full advantage of the powerful Xenon bulbs while producing the sharp blue/white tinge marking an OEM European designed lighting system.

Two very distinct versions available:



Why upgrade? See for yourself

The European headlamp upgrade advantages:
Better nighttime lighting with greater beam pattern
Safer because you see the road more effectively
Cost effective upgrade step to Xenon (HID) system
Your car will look like the newer models, cleaner and more modern.
Perfect fit, no wiring mods

Now go upgrade!



1/2 PRICE eyebrow set with Headlamp kit

FAQ on A4B5 European headlamp upgrade...

Question. If I purchase a Halogen Krystal Klear projector system for my car, can I convert to Xenon at a later date?

Answer. Yes, just order the Serious Vision HID H7 upgrade system from LLTEK. This Xenon upgrade can be easily installed. If you like, send us your Halogen headlamp and LLTEK will install your HID upgrade free of charge.

Question. Are the extra premium bulb packages available when a Krystal Klear headlamp upgrade is purchased?

Answer. Yes. Halogen headlamp purchasers pay \$20 only and receive 4 H7 Super Plasma Halogen bulbs, 2 S-YO turn signal bulbs and 2 Mini Euro City lights*. Xenon purchasers pay \$12 only and receive 2 H7 Super Plasma Halogen bulbs, 2 S-YO turn signal bulbs and 2 Mini Euro City lights*.

LLTEK GOES BULB!...

SAVE 90%

TOTAL BULB OFFER FOR HID A4 ONLY

A GREAT VALUE!

Pay only \$12 extra and LLTEK will include and install all necessary bulbs in your LLTEK purchased HID headlamp set! (offer includes 2 H7 Super Plasma, 2 S-YO turn signal bulbs and 2 Mini Euro City bulbs) **CODE: L-PAK 12X**

TOTAL BULB OFFER FOR HALOGEN A4 ONLY

A SUPERB VALUE!

Pay only \$20 extra and LLTEK will include and install all necessary bulbs in your LLTEK purchased Halogen headlamp set! (offer includes 4 H7 Super Plasma, 2 S-YO turn signal bulbs and 2 Mini Euro City bulbs) **CODE: L-PAK 20H**

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KRYSTAL KLEAR 1-PIECE A4 EURO PROJECTORS

1999.5-2001 (USA) / 1999-2000 (Euro)

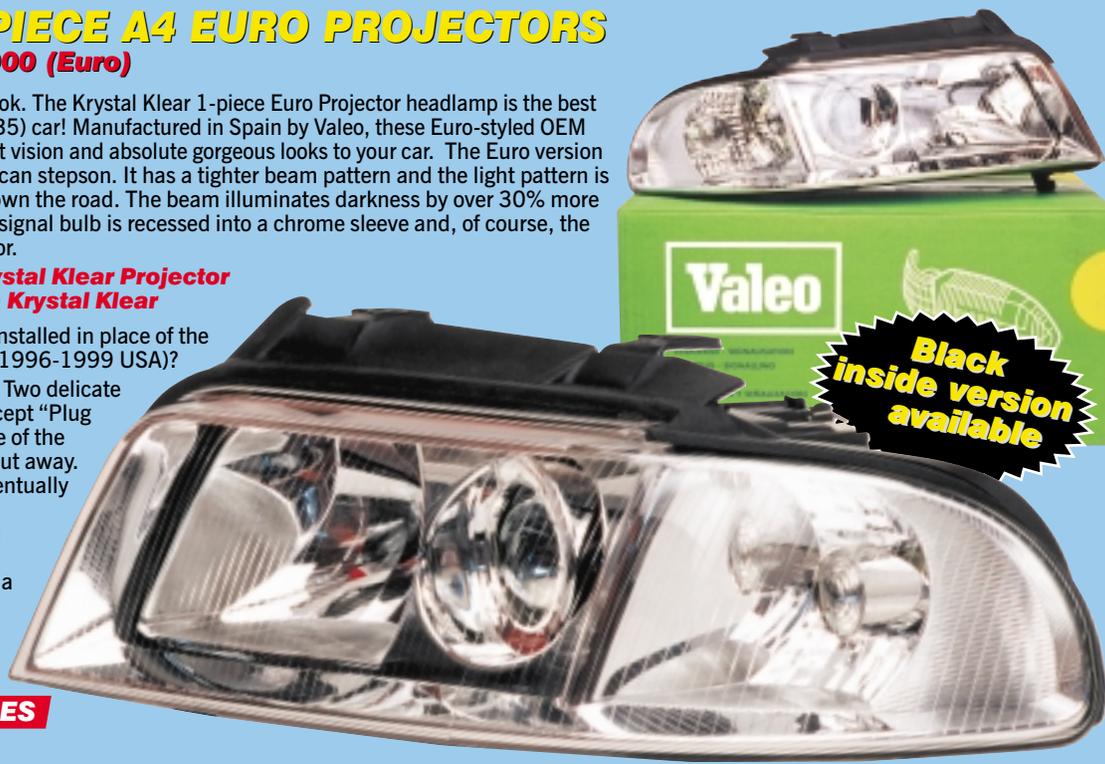
Beautiful at any angle you choose to look. The Krystal Klear 1-piece Euro Projector headlamp is the best upgrade decision for any facelift A4(B5) car! Manufactured in Spain by Valeo, these Euro-styled OEM headlamps will provide superior night vision and absolute gorgeous looks to your car. The Euro version headlamp is far better than its North American stepson. It has a tighter beam pattern and the light pattern is highly concentrated. You can see farther down the road. The beam illuminates darkness by over 30% more than the North American version. The turn signal bulb is recessed into a chrome sleeve and, of course, the orange is in the bulb, not in the side reflector.

Two very different models available: **1. Halogen Krystal Klear Projector** **2. Xenon (HID) Krystal Klear**

Q. Can a 1-piece Euro-spec headlamp be installed in place of the 2-piece original headlamp (found on years 1996-1999 USA)?

A. Yes. However a serious word of caution. Two delicate mods must be performed negating the concept "Plug and Play". First, small portions of the inside of the fender surrounding the headlight must be cut away. This also exposes raw metal which may eventually rust. Second, the wiring and plug must be changed due to incompatibility (LLTEK can supply the new plug and wire). Finally, the installed headlamp can only be considered a 90% near perfect fit. The LLTEK recommendation is to purchase the Krystal Klear 2-piece version for 1996-1999 USA to ensure a perfect fit and Plug and Play.

90% BULB OFFER APPLIES



KRYSTAL KLEAR EURO PROJECTORS FOR A4 (B6-8E)

Available in HID or Halogen versions

The Audi A4 (B6-8E) arrives with it's own new unique headlamp design. An upgrade to a European specification Valeo OEM version will produce a profound impact on lighting improvement. See further down the road, reduce fatigue and driver error. Notice the airtight sleeve covering the face of the turn signal bulb. Add only the single filament S-YO and the transformation is complete (minor modification needed)!

Notice regarding OEM HID versions:

There are 2 Valeo HID variants. One variant uses the D2S system from Valeo where the bulb fits into a round receptacle. The second variant is D1S where the bulb fits into a square receptacle, which also doubles as a built-in starter/igniter. This newer version is the model LLTEK carries. On occasion, LLTEK will have access to the first variant (D2S).

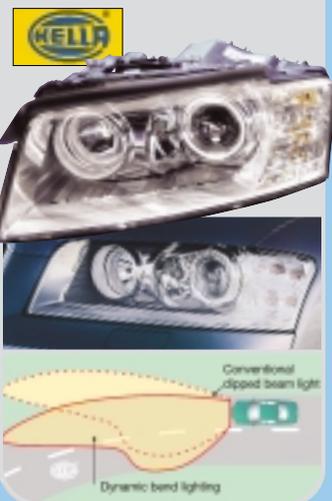
New headlamp internally black: Valeo has designed a variant of the new A4 (B6-8E) headlamp for the new 340HP S4! The design specification calls for the interior of the headlamp to be mostly mat black. LLTEK will carry this version in both HID D1S and Halogen.

90% BULB OFFER APPLIES



INTELLIGENT PROJECTORS For A8(D3)

For discriminating customers who purchased the new Audi A8(D3) who desire the European version of the new intelligent cornering headlamp, contact LLTEK for availability and details. At time of publication, LLTEK cannot yet confirm nor guarantee the needed electronics to control and operate the new "See-Around-the-Corner" flagship headlamp system. The system will however be a Bi-Xenon configuration. Refer to pages 156 to 158. Call LLTEK for complete details.



HELLA EURO PROJECTORS FOR A6 1998+ USA*

WARNING! There is an compatibility issue between various A6 headlamps. LLTEK carries Halogen and HID versions for 2.8 and 2.7T pre-facelift models. Contact LLTEK if you have a 4.2, S6 4.2 or RS6 4.2 for further information regarding availability. For facelift 3.0 and 2.7T, also contact LLTEK for availability.

Identifying a facelift A6 (see page 153):

1. All 3.0 motors are facelift models.
2. 2.7T motors are facelift if the corners of the lower section of the front grill are square.
3. Facelift does not apply to 4.2 motors.



PROJECTOR HEADLAMP A6(4B) / A8 (D3)

#	TYPE	DESIGN	DESCRIPTION (1996-1999 USA / 1995-1998 EURO)	PART NO.	PRICE
A6 (C5-4B) HEADLIGHTS • TO IDENTIFY IF YOUR CAR IS PF (PREFACELIFT) OR WF (WITH FACELIFT) REFER TO PAGE 153					
1	HELA6PF-H	HELLA	Halogen headlight set • KK • For 2.8 and 2.7T PF pre-facelift (1998-2001 USA) • Rounded upper grill	HEL4B-01K	\$ 755 set
2	HELA6PF-X	HELLA	HID D2 headlight set • KK • For 2.8 and 2.7T PF pre-facelift (1998-2001 USA) • Rounded upper grill	HEL4B-03K	\$1066 set
3	HELA6WF-H	HELLA	Halogen headlight set • KK • For 3.0 and 2.7T WF with facelift (2002+ USA) • Square corners on upper grill	HEL4B-07K	\$ 999 set
4	HELA6WF-X	HELLA	HID D2 Bi-Xenon headlight set • KK • For 3.0 and 2.7T WF with facelift (2002+ USA) • Square corners on upper grill	HEL4B-08K	\$1066 set
A8 (D3) 2004 USA • TRIPLE LENS SYSTEM • "SEE AROUND CORNER" • REQUIRES SOFTWARE UPGRADE PROVIDED BY AUDI DEALERSHIP					
5	HELA8D3	HELLA	HID bi-Xenon headlight set • Krystal Klear • Triple lens • "Around corner technology" • Requires software		Special order - Call

Prices in US dollars; specifications, availability and pricing subject to change.



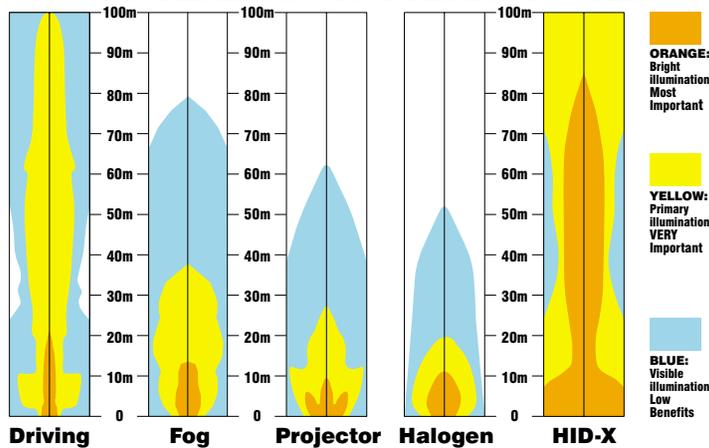
Developed for LLTEK for Audi Automobiles

LLTEK Motorsports, specialists in performance products for Audi, Porsche® and VW® cars, has worked with key worldwide industry experts to develop several new performance lighting systems to work harmoniously in Audi automobiles.

This sounds like a very forward statement, yet it is not. The electrical wiring system in every newer Audi car's wiring harness, carries both power for lighting and also carries secondary computer signals. The system is delicate as well as sensitive to foreign intrusion. To this effect, LLTEK has developed three specific upgrade paths to maintain optimal performance:

1. True HID conversion kits that work with Audi wiring
2. Halogen upgrades that are Audi Wiring Friendly (AWF)
3. Collateral HID and Halogen lower driving lights

TYPICAL LIGHT PATTERN FIGURES



HID-X
Powerful white light to see farther and clearer



HID-X light easily overpowers Halogen light



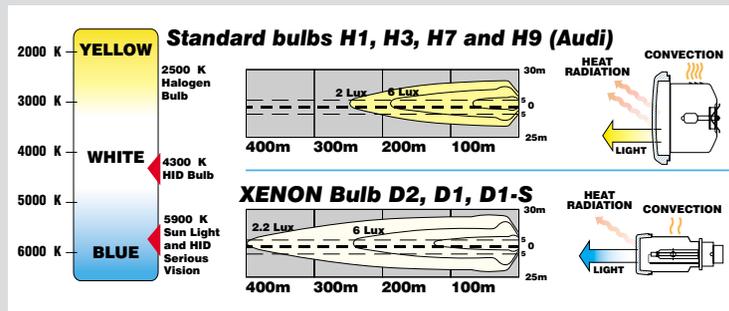
STANDARD
Halogen Light

WHY UPGRADE? 6 very strong reasons

1. Stimulates driver concentration
2. Promotes a safer driving experience in bad weather
3. Reduces driver fatigue and errors
4. Superior reflection of road markings, signs and objects
5. Increases safety and comfort
6. Greater reliability over Halogen

HID SIMPLY EXPLAINED (XENON) HID means High Intensity Discharge. Throughout our lighting section we will often refer to the term as HID-X. The X stands for the Xenon gas which is ignited inside the glass capsule by a millisecond burst of energy of between 20,000 to 25,000 volts. Unlike Halogen, there is no filament inside the HID-X bulb. Instead, the Xenon gas is ignited and then glows a cool bright blue white light. It is extraordinarily bright and omits very low levels of heat. This is why the bulb lasts so long. Typical life of a HID-X bulb is 2,000 hours which is generally 6 to 8 years. An outboard ballast takes your 12 volts and boosts it to this huge 20,000 to 25,000 volts at time of turn on. Then a starter, often called an igniter, lights up the gas.

There are three automotive variations of HID components but all work using the nearly identical final bulb design. The only difference is in the ballast and starter relationship and the bulb holder design.



THREE TECHNOLOGY DESIGNS: D2, D1, D1-S

1 D2 TECHNOLOGY - ORIGINAL Larger ballast and starter in one container box utilizing a thick short wire of approximately 12 inches connected to a special bulb base. This wire cannot be extended. This design forces the ballast to be fastened to the headlight or be very close to the headlight. Virtually all European headlamps use D2 technology as OEM (pre 2002).

2 D1 TECHNOLOGY - NEW Small ballast container box utilizing normal thin automotive grade wiring of approximately 24 inches or less wired to a starter built into a special bulb base. This allows greater flexibility to install/fix the ballast and the physically combined starter and bulb base is safer to the user.

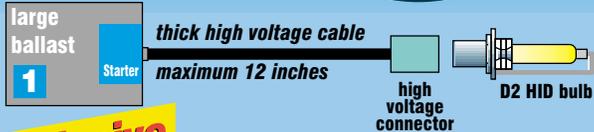
3 D1-S TECHNOLOGY - LATEST 4TH GENERATION

LLTEK played a role in the development of this innovative HID technology for Audi car lighting upgrades for certain Audi cars. Like standard D1 technology, the ballast container box in D1-S is quite small. The connecting wire is the normal thin electrical automotive grade wiring of approximately 20 inches. The starter is then positioned 5-10 inches from the bulb base so this wire can also be thin and allows the starter to be secured either on the back or near the headlamp assembly. Therefore the bulb can be easily fitted inside the lamp assembly as its bulb base will correspond to the Halogen bulb base it replaces.

The big news is the new HID-X bulb base design which fits into the corresponding Audi headlamp with no modification needed to the bulb holder or bulb base. The reason the fit is perfect is because the bulb base is identical to the standard Audi bulb base. And, for the first time, Audi owners can have both high and low headlight beams in full stereo HID-X. Actually the honor goes to Porsche® who offered this type of spectacular lighting option in year 2000. D1-S is Audi car friendly because it was specified by LLTEK to ensure no interference with the internal wiring and computer system of the Audi. And, there is even a special version of the D1-S for the upgrading of most Audi fog lights. Refer to our special HID-X fog light installation offer.

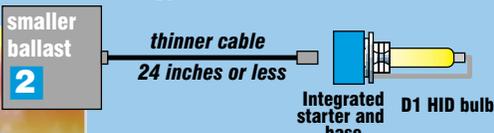
LLTEK INTRODUCES A NEW GENERATION OF LIGHTING FOR AUDI CARS WITH SERIOUS VISION PRODUCTS!

D2 Technology

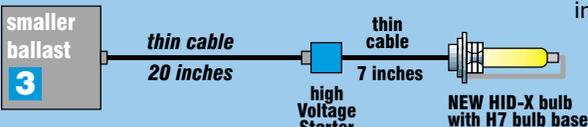


Exclusive
High and low Xenon beams*

D1 Technology



D1-S Technology



LLTEK equipped S4 with lip spoilers, sport grill, sport mirrors, type RS wing, Rieger side skirts and Serious Vision low and high HIDs.

*Applicable to most Audi cars. When calling, specify model and year to confirm application. Technology is always changing. D1S is evolving. Kits will be automatically updated when applicable.



Call your friendly LLTEK representative for information and to order

1.888.465.5835 TOLL FREE 1.888.GO LLTEK TUNER@LLTEK.COM



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AWARD WINNING

High Intensity

BREAKTHROUGH TECHNOLOGY

HID Xenon UPGRADE KIT



Upgrade any car with HID Xenon!



- **NEW 4th Generation HID Technology!**
- **First HID bulb engineered to fit properly in current Halogen sockets for easy installation**
- **HID Xenon is the finest automotive lighting**
- **Bright Blue-White light output promotes safe driving, particularly in bad weather.**
- **For H1, H3, H7, 9004, 9005, 9006 and 9007**
- **NEW H4 with Hi/Lo switchable HID**

COMPLETE KITS INCLUDE

- 2 HID bulbs
- 2 4th Generation ballasts
- 2 4th Generation starters
- "Click" positive connectors
- Detailed instructions
- Plug and Play
- 30 minute installation
- 20 inches of ballast wire
- Reversible set-up
- Beam pattern corrected
- No cutting of car wiring

NEW H4 Hi/Lo HID

H4 Hi/Lo switchable HID system conversion

Certain older cars like the Audi Cabriolet, Audi 90, Audi Coupe and cars other than Audi use an H4 lighting system with both high and low beam within a single bulb. LLTEK now offers a new high and low beam switchable HID Xenon system that is beam pattern corrected for both high and low beams. Enjoy the ease and simplicity of LLTEK HID conversion in your H4 equipped car!

A6 Avant shown with HID conversion, R6 front bumper, R6 side skirts and RS-look sport grill



HID CONVERSION UPGRADE KIT / SPARES

#	TYPE	DESIGN	DESCRIPTION	PART NO.	PRICE USD
COMPLETE CONVERSION FROM HALOGEN TO TRUE HID XENON • INCLUDES 2 BALLASTS WITH STARTER, 2 BULBS, WIRING* AND MOUNTING HARDWARE					
1	SVX-H1	SVISION	HID H1 Xenon D & P upgrade kit • 5,900K bulbs ⁽¹⁾ • For H1 Halogen headlamp only • Beam pattern corrected	DWH1	\$488 kit
2	SVX-H3	SVISION	HID H3 Xenon D & P upgrade kit • 5,900K bulbs ⁽¹⁾ • For H3 Halogen headlamp only • Beam pattern corrected	DWH3	\$488 kit
3	SVX-H4HL	SVISION	HID H4 Hi/Lo Xenon D & P upgrade kit • 5,900K bulbs ⁽¹⁾ • For H4 Halogen headlamp only • Beam pattern corrected • Relay incl.	DWH4	\$688 kit
4	SVX-H7	SVISION	HID H7 Xenon D & P upgrade kit • 5,900K bulbs ⁽¹⁾ • For H7 Halogen headlamp only • Beam pattern corrected	DWH7	\$488 kit
5	SVX-94	SVISION	HID 9004 Xenon D & P upgrade kit • 5,900K bulbs ⁽¹⁾ • For 9004 Halogen headlamp only • Beam pattern corrected • Relay req.	DW9004	\$488 kit
6	SVX-H95	SVISION	HID 9005 Xenon D & P upgrade kit • 5,900K bulbs ⁽¹⁾ • For 9005 Halogen headlamp only • Beam pattern corrected	DW9005	\$488 kit
7	SVX-H96	SVISION	HID 9006 Xenon D & P upgrade kit • 5,900K bulbs ⁽¹⁾ • For 9006 Halogen headlamp only • Beam pattern corrected	DW9006	\$488 kit
8	SVX-H97	SVISION	HID 9007 Xenon D & P upgrade kit • 5,900K bulbs ⁽¹⁾ • For 9007 Halogen headlamp only • Beam pattern corrected • Relay req.	DW9007	\$488 kit
9	SVX-REL	SVISION	Relay (HID special) required for 9004 and 9007 upgrade kit	DW9004/7R	\$ 44 kit
10	SVX-REL7	SVISION	Relay kit option for SVX-H7 • For certain A4 application • Plug and play • No cutting • Retro possible	DWH7R	\$ 44 kit
11	SVX-BAL	SVISION	HID Xenon starter and ballast replacement • To be used with Serious Vision upgrade kit only	DWDBAL	\$188 each
12	SVX-H4B	SVISION	Replacement HID-X H4 Hi/Lo bulb • For Serious Vision H4 Hi/Lo conversion kit only (SVX-H4HL)	DWDH4	\$177 each
13	SVD1-BS	SVISION	Replacement HID-X bulb • 5,900 K • DWDH1 • DWDH3 • DWDH7 • DWD9004 • DWD9005 • DWD9006 • DWD9007		\$111 each
14	SVLC-OC	SVISION	"Bulb out" module • If required • Click connect inline to conversion kit or relay kit • V1 separate B/I, V2 integrated B/I	DWBO-V1/2	\$ 44 ea

Prices in US dollars; specifications, availability and pricing subject to change. * Relay kit required with 9004/90007 kit and other kit as noted. (1) or greater. Ballast/starter subject to upgrade. Technology is always changing. D1S is evolving. Kits will automatically be upgraded when applicable thus your configuration may differ from photographs and illustrations.

Call your friendly LLTEK representative for information and to order

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HID-X means True High Intensity Discharge Lighting Systems

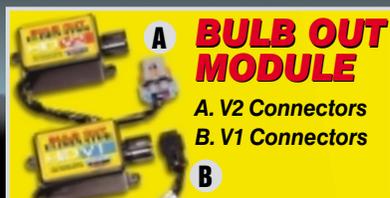
- **HID-Xenon lighting makes an important difference to Audi drivers**
- **Provides safety at dusk or in darkness, reducing driver fatigue**
- **Allows the Audi driver to better see signs and objects sooner**
- **Assists performance driving during darkness**

Until now HID-Xenon upgrades were both expensive, complicated and poorly engineered. Now with Serious Vision, LLTEK makes your transition to HID-Xenon simple and cost effective. LLTEK offers numerous Serious Vision upgrades for conversions of European or North American headlamps plus phenomenal new HID-Xenon driving lights (not fog lights) (with included remote control) and even special upgrades to Audi factory fog lamps, allowing you to convert these important lamps to true HID-Xenon. LLTEK covers the entire Audi lighting spectrum of upgrades including new Halogen H-type bulbs with Krypton and Xenon gas mixture traces that are Audi wiring friendly. We know and understand Audi lighting.

Call LLTEK today. We will walk you through the maze to simplify and clarify your request.

D2 and D1 - The Secret Problem

The secret to upgrading any Halogen headlamp system to true HID-Xenon bulb has always been complicated by the original HID-Xenon D2 bulb base design which is not only unique but physically wide and cumbersome. The D2 bulb base requires a custom built receptacle. In the case of D1 technology, the bulb base with built-in igniter/starter is even larger than D2 and requires a custom designed assembly. The mandatory very thick and short wire (approximately 12 inches) between ballast and bulb base on D2 systems further complicates upgrades. LLTEK eliminates all problems with its Serious Vision upgrade kit utilizing D1-S technology with outboard starter plus LLTEK supplies you with the real HID-Xenon bulb with a true H1, H3, H7 or H9 base, making bulb insertion simple and safe. Connectors are clearly identified to simplify installation. There is no guesswork involved. Just "click" the wires together for positive connection.



Comments on Serious Vision HID upgrade kit

"Boy, did I ever see the light (literally)! I have been doing professional HID conversions for well over one year. They NEVER go smoothly! Your Serious Vision Kit was a delight to install on my customer's car. I have never experienced such a simple installation. It took me minutes to drill the hole and literally plug the wires together. Absolutely no wire cutting! That little rubber gasket is ingenious. Tell your engineers this was one well thought out little kit with dynamite light output. Send me more kits right away."

Roger, professional hi-fi and electronic installer in Cincinnati, Ohio

New and only from LLTEK: A solution to an occasional problem

HID conversions from Halogen, on a small percentage of Audi cars, can occasionally be temperamental. However, LLTEK, working directly with their engineering associates, have come up with three upgrades to reduce irritations if they arise.

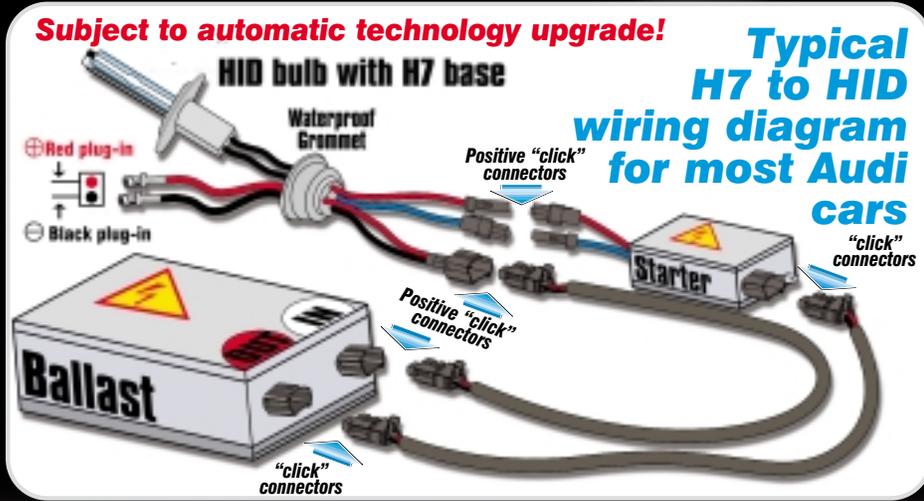
On average, one of every one hundred basic conversions from Halogen to HID results in occasional headlight flickering at "time of turn on" generally but not always on the passenger side. The symptom, prior to voltage stabilization, is single headlight "flicker" or at worst "no turn on" without several power on/off restarts. The malfunction is caused by power grabbing from the opposite headlight ballast. It takes 23,000 - 25,000 volts to fire up an HID Ballast/Igniter. There is a race. When one side obtains power fractionally before the other side, the late side is robbed of ballast/igniter starting power.

If your car experiences these technicalities, LLTEK has a very low cost solution, consisting of three elements. The first element is now automatically included with all next generation H7 HID kits (V2). It is a special inline correction diode to stabilize power fluctuations. Only Serious Vision automatically includes this H7 feature which is designed specifically for Audi cars (works with most other cars as well). Next, an optional hi-performance fused relay kit can be ordered to eliminate the destabilizing power grabbing if there is flicker. Also available is a newly developed inline dash bulb message "eliminator" designed for LLTEK by Serious Vision to cancel any "bulb out" message on the dash display.

The "bulb out eliminator" can be ordered with the basic kit or with the relay kit should such a message be displayed. Both "relay" and "bulb out module" are all snap and click together. No special wiring, cutting or modifications are required with current H7 conversion kits.

The HID-Xenon Upgrade: Your solution from LLTEK

Serious Vision HID upgrades to be carried out by a certified automotive electrician. Illustrated instructions accompanies each kit. The preparation of each headlamp only takes a few minutes. The LLTEK solution is called D1-S. The "H1,3,7,9 or 9000 series" stands for the new compatible bulb seat which fits perfectly into your Audi headlamp base.



A broad series of HID Xenon solutions from LLTEK

LLTEK offers numerous Serious Vision upgrades for conversion of a wide range of European, North American and Asian headlamps plus special upgrades to Audi OEM fog lamps, allowing all Halogen systems to be converted to HID Xenon!



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FREE INSTALLATION
TOTAL BULB OFFER
of any driving lights
when purchased with
a compatible fit
bumper!



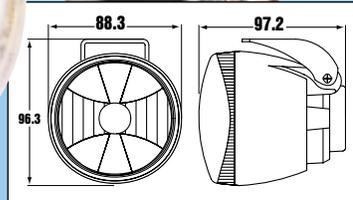
HID DRIVING LIGHTS

A. HID-X "ROUND" DRIVING LIGHTS - D2

The HID-X Model 3000 D-2 series operates on 35 watts, which produces over 3 times more light than a conventional 55 watt Halogen lamp. Xenon light with precise computer designed reflectors improves both light intensity and light distribution on the road. Therefore it widens your field of vision for earlier recognition of people and objects. The daylight-like white Xenon beam illuminates road markings and signs much better and much earlier. This translates into far more confident driving in severe weather and in high performance driving modes. **And, check out the FREE remote control kit!**



ECE Approved
SAE Approved



Ballast provided by manufacturer and may vary.



FEATURES

- Extra Long Life
- Gas discharge bulbs provide over 2,500 hours of life
- Low UV and IR radiation
- Micro ballast fires over 23,000 volts to light up the HID Xenon gas
- The compact lamp matches well with today's Audi styling
- Die-cast aluminum housing
- Advanced technology multi-surface reflector
- Type-test: 000021 (E11) 20DR, SAE-Y-99 - 2004
- Black finish with clear glass lens
- Lamp size: 88.3 x 97.2 x 96.3 mm
- Ballast size: 95 x 85 x 42 mm
- Xenon bulb: D2S

Common features models 3000/03:

- Full wiring with in-line fuse included
- Relay included
- Remote control included
- Remote receiver included
- Direct wiring usable



FEATURES

- All the features of Model 3000
- Super vision driving light
- Hi-impact plastic housing with clear glass lens
- Advanced technology diamond cut reflector
- Type-test: 000023 (E11) 20 DR, SAE-Y-99 - 2004
- Size: 113.3 x 106 x 85.1 mm

B. HID-X "OVAL" DRIVING LIGHTS - D1

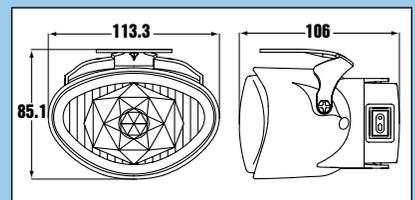
The HID-X Model 3003 uses next generation technology with advanced design features in reflectors and lens, allowing for the rather compact and styled lamp. The model 3003 has all the features of the Model 3000 Round plus some extra benefits. The deletion of the high voltage electronic starter from the ballast leads to better EMI control. Look for this high performance lamp on all LLTEK designed Audi lower center grill integrated lamp kits. Like the Model 3000 Round, this model also **includes a free remote control kit.**



ECE Approved
SAE Approved

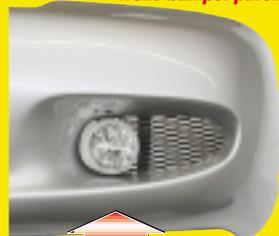
BENEFITS:

- Improved starting reliability and overall bulb performance
- Improved system safety
- Best possible EMI control
- Compact and space saving
- Cost-effective



Ask LLTEK about driving/fog light options

Powerful Serious Vision TYPE SV3000 HID Round Driving Lights with inline remote control. **FREE INSTALLATION** of driving lights with compatible full front bumper purchase.



HID Driving system option installed in Caracere front A4(B5) bumpers (above). Model 3003 (oval) can also fit in outboard corner of intakes.



HID Driving system option installed in Rieger A4(B5) RS4 front bumpers (above) with small mesh. Halogen blue tint shown below with large mesh.



C/D. POWERFUL 5TH GENERATION HALOGEN DRIVING OR FOG LIGHT TECHNOLOGY

An affordable 5th generation Halogen driving or fog light solution which produces outstanding lighting performance is the new model 3006D or 3007F. This is a nice alternative to the more expensive model 3000 and 3003 HID solutions above. While not HID performance, these lights use new technology to cast a superior beam. Free installation is offered when purchasing your compatible front bumper. Wiring is direct. All hardware included.



ADVANCED HALOGEN DRIVING OR FOG LIGHTS

- Reinforced die-cast aluminum
- Advanced technology multi-surface reflector
- Super vision driving light
- Type-test: 02 B 19119
- Finish: black powder coat
- Size: 87 x 63.9 mm
- Blue glass lens
- Halogen bulb: H3 12 V 55W

ECE Approved
SAE Approved

PERFORMANCE DRIVING LIGHTS

#	TYPE	DESIGN	DESCRIPTION	PART NO.	PRICE USD
AMAZING LIGHTING UPGRADES FOR THE DISCRIMINATING DRIVER					
A	TYPE SV3000	SVISION	HID Xenon driving lights (D2) • Includes all hardware • Remote control transmitter/emitter • FREE installation ⁽¹⁾	SSDS2-01	\$ 777
B	TYPE SV3003	SVISION	HID oval Xenon driving lights (D1) • Includes all hardware • Remote control transmitter/emitter • FREE installation ⁽¹⁾	SSDS1-02	\$ 777
C	TYPE SV3006D	SVISION	Halogen hi-performance driving lights • Lightly tinted blue glass • Includes all hardware • FREE installation ⁽¹⁾	SSHAL-04	\$ 122
D	TYPE SV3007F	SVISION	Halogen hi-performance fog lights • Lightly tinted blue glass • Includes all hardware • FREE installation ⁽¹⁾	SSHAL-03	\$ 122

⁽¹⁾ Prices in US dollars; specifications, availability and pricing subject to change.
⁽¹⁾ When ordered with Rieger RS4, Kerscher, JE DESIGN, UBERHAUS, RSR, R6 or compatible front bumper.

If you purchase a driving light compatible bumper plus an HID or Halogen Driving or Fog light kit above, LLTEK will install your lights in the bumper for FREE!

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A4 1999.5-2001: New fog light bezel and a stylish lower center grill to complete A4 transformation!

A.TYPE UAB.5: Replacement bezel for OEM factory fog bezel. Match paint available. A very clean upgrade to A4 cars equipped with lower factory fog lamps. Allows extra air for intercooler and brake cooling. Black mesh included. Easy installation. Complements and matches perfectly the VTG.5 center air intake.



B.TYPE VTG.5: Center replacement lower grill upgrade. For A4(B5) cars (not S4). Requires minor removal of factory plastic supports. Black mesh included. ABS frame in black (shown match painted). Allows more air intake for superior cooling. A very stylish upgrade.



Lower center grill replacement shown painted



A4 B5 FOG LIGHT UPGRADE KITS

TYPE VTF.5 : For Audi A4(B5) cars with no fog lights down below, LLTEK offers a hi-performance, functional and stylish upgrade with its "Hella" based fog light upgrade kit. This easy to install upgrade kit is supplied with special mounting hardware and snap connectors for trouble-free electrical connections to the factory wiring harness. This connection allows the use of the factory stalk. Add a coordinating lower center grill (TYPE VTG.5) to complete the transformation. With this upgrade, additional air can reach key components (intercooler, rad, brakes) with greater velocity and superior volumetric efficiency.

For Audi A4(B5) cars with facelift having factory fog lights down below, replacement left and right hi-velocity intake bezels (TYPE UAB.5) can be purchased. The stunning TYPE VTG.5 lower center grill can be added. Again this allows more air to reach key components like the intercooler, the rad and brakes.

NOTE 1: Facelift (WF) upgrade bezels are not compatible with pre-facelift (PF) bezels although both products look very similar.

NOTE 2: All upgrades are available with optional match paint or contrasting color.

NOTE 3: HID-X Xenon conversion can be pre-installed at time of order.



All A4(B5) 1996-1999 will benefit from this powerful fog light upgrade • Hella brand fogs



Optional lower replacement grill upgrade for all A4(B5) except S4(B5)



OEM fog lamp conversion to HID-X Xenon: Four easy steps!

One of the more popular lighting upgrades is the conversion of the OEM fog lamp to true high performance Xenon. This conversion is very clean. Generally Audi fog lamps use H1,3 or 7 Halogen bulbs. For installation, simply drill a 25mm hole at the rear of the fog lamp (figure 1). Next, slide in the Xenon bulb which is all prewired for immediate direct connection electrical hook-up. Insert the rubber gasket, insert the bulb and installation is complete (figure 2 and 3). Click together the out-board starter and ballast (figure 4). With 24 inches of wire, the physical installation of starter and ballast is easily accomplished. **Drill bit included with each kit.**



1 Drill with supplied 25mm bit a hole in the access cover.



2 Assemble the grommet and D1-S bulb to the cover and insert the bulb



3 "Click" connect the wires to the Audi bulb socket via direct insertion



4 Positive "click" connectors

NEW Exclusive

All connectors are clearly indicated for easy and trouble-free installation! Just connect the "Plug and Play" wires to the starter and ballast via positive "click" connectors. Alternatively, send us your fog lights and LLTEK will professionally install your upgrade **FREE!** ALL PART OF THE LLTEK PROGRAM!

HALOGEN BULB TYPES (AUDI)	Model	Year	Low	High	Fog	Model	Year	Low	High	Fog
	A4(B5)	96-99	H7	H7	H1	A6 allroad	00 on	H1	H9	H11
	A4(B5)	99.5-01	H7	H7	H7	A8 D2	97-03	H1	9005	H3
	A4(8E)	2002	H7	H7	H11	A8 D3	2004	•	9005	H3
	A4 Cab	2003	H7	H7	H11	V-8	90-94	9006	9005	H3
	S4(B5)	2004	H7	H7	H11	90/80	88-92	9004	-	H3
	S4(B5)	00-01	H7	H7	H11	Cab	94-98	H4 Hi/Lo	H3	
	RS4	00-01	H7	H7	H7	90	93-95	H4 Hi/Lo	H1	
	A6	95-96	9006	9005	H3	Coupe	90-92	9004	H3	
	S4	93-94	9006	9005	H3	TT	2000 on	H1	H7	H3
	S6	95-96	9006	9005	H3					
	S6	97	H1	9005	H3					
	A6 2.8/2.7/3.0/97+	H1	H7	H3						
	A6 4.2/S6	00+	H1	H7	H3					

Use this chart as guide only. Bulb specifications can change within models, model years and they are country dependent. Determine your own bulb requirement. North American model years only.

LLTEK HID-Xenon Upgrades - Non Audi Cars

LLTEK is a premier lighting specialist for Audi cars in HID Xenon and performance Halogen upgrades. During the critical development stages, LLTEK with its associates, agreed to develop this unique D1-S technology across other platforms of automotive cars. Now owners of other German fine cars and even most American and import cars can borrow the identical technology LLTEK specified for Audi cars. The upgrades install in a manner which is virtually identical to Audi. So, if your car is H7 (or other) but not an Audi, the upgrade kit will work perfectly by choosing the appropriate HID bulb specification. New bulb applications are continuously being studied. Call LLTEK for your non-Audi lighting needs, even if your replacement bulb is not yet shown.



Non-Audi HID upgrades

Now available the H4 Hi/Lo switchable beam pattern corrected HID system.



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GREAT TAIL LIGHT TREATMENT

Audi A4 (B5)

Several great tail lamp treatments available for the new and old Audi A4. A difficult choice.



GO ALTEZZA OUT ORANGE!



S-YO on board
Compare the visual improvement of the S-YO tail lamp bulb. Looks silver at rest. Flashes traditional yellow-orange.



A4 (B5) sedan - Clear



A4 (B5) Avant - Clear



A4 (B5) sedan - Smoke



A4 (B5) Avant - Smoke

SAVE OVER 90%

Pay only \$3 dollars (normally \$33) with purchase of any tail light set and receive the amazing S-YO turn signal bulb set. This represents a saving of 90% over regular retail. The S-YO perfectly complements all tail light upgrades especially Altezza-style!



TAIL LIGHT NOTES: Depending on light conditions, even though tail lights are pictured clear, Altezza or smoked, interior reflections and bulb components can be visible.

A4 (B5) TURN SIGNALS

For A4 1996-1999 with 2-piece headlamp system. Choose FROSTED Bosch compatible or new exciting KRYSTAL KLEAR Bosch compatible Euro turn signal (no orange side reflector). Upgrade to the S-YO turn signal bulb set and give your A4 the fabulous Euro look! Specify bayonet or wedge socket when ordering.

Frosted Bosch compatible A4 turn signal



Krystal Klear* Bosch compatible projector A4 turn signal



Specify bayonet or wedge base when ordering your S-YO bulbs!



Bayonet base Wedge base

* Krystal Klear turn signals are designed to mate perfectly with Krystal Klear Euro projector 2-piece headlamps. However, they are also fit-compatible with Bosch frosted OEM headlamps.

A4 (B5) SIDE MARKERS

Complement your new Euro turn signals and headlights! Another simple step toward the "no-orange" Euro-look for your car is to replace your OEM factory orange side markers with stylish contemporary side markers. Choose clear, smoke or NEW Krystal Klear. Re-uses the factory socket and bulb for easy installation. Sold as a set.

1996-1999



Classic Clear

Midnight Smoke

Krystal Klear



Rieger RS4 Aero Kit with Krystal Klear turn signal, P6000 18" wheels

A4B5 1999.5-2001

NEW Krystal Klear wide side marker adds a matching elegance to any Krystal Klear projector headlamp. Great with Altezza-fitted tail lamps. Sold as a set.

Also fits A4B6 2002+



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KRYSTAL KLEAR TAIL LIGHTS

Audi A4 (B6-8E)

Personalize your A4 (B6-8E) sedan car with several exciting tail lamps including new Altezza styled treatment and the amazing RS4-like clear model. Contact LLTEK to discuss your needs (deep smoke coming soon).

KRYSTAL RS (S4 INSPIRED)

Half clear, half red, 100% HOT! Exciting transformation makes a unique and definitive statement about styling. Edge color matches with LLTEK RS coating for closer integration. Throw in the S-YO bulb and it's bye-bye orange! Easy installation! (below)



KRYSTAL ALTEZZA

Genuine contemporary Krystal design fused with Altezza gorgeous styling without much fanfare! Looks even better when upgraded with amazing S-YO turn signal bulbs.



KRYSTAL BLACK

Sculptured styling with a black interior.

HELLA FROST

Half-frosted lens.



KLEAR RED LED* Clear outer lens with inner red reflector featuring LED technology.



KLEAR CHROME LED* LED light output housed in a clear outer shell with chrome reflectors.



SMOKE CHROME LED* Smoked outer lens with inner chrome reflector array powered by LED lights.



KRYSTAL KLEAR

Klear outer lens

KRYSTAL SMOKE

Smoked outer lens



* Specification subject to change. Early production example shown.

GREAT A6 TAIL LIGHT TREATMENT

Owners of 2.8, 2.7T, 3.0, 4.2, RS6 - These tail lights are for you!



A6 CLEAR TAIL LIGHTS
The clear touch

A6 SMOKE TAIL LIGHTS
The mysterious touch

A6 smoke and clear tail lights shown on the same car for illustration purposes only. Zender A6 trunk spoiler featured.

TAIL LIGHT/TURN SIGNAL OPTIONS FOR AUDI

#	TYPE	DESIGN	DESCRIPTION	PART NO.	PRICE USD
ALL TAIL LIGHT AND TURN SIGNAL PRODUCTS ARE EUROPEAN SPEC. USAGE IS THE RESPONSIBILITY OF THE PURCHASER. SETS ONLY.					
1	ERTZZ.5	SVISION	Altezza tail light set•A4 (B5) all years•A great looking upgrade (photo 1)	EEB5-05K	\$ 199 set
2	ERTC/S.5	SVISION	Clear/Smoke tail light set•A4 (B5) sedan 1996-1999 USA (photos 2, 3)	Clear (C) EEB5-03K Smoke (S) EEB5-04K	\$ 255 set
3	MRTC/S.5	SVISION	Clear/Smoke tail light set•A4 (B5) sedan 1999.5-2001 USA (photos 2, 3)	Clear (C) MHWB5-04W Smoke (S) MHWB5-02B	\$ 333 set
4	MRTAC/S.5	SVISION	Clear/Smoke tail light set•A4 (B5) Avant all years (photos 4, 5)	Clear (C) MHWB5-03W Smoke (S) MHWB5-01B	\$ 366 set
5	DRTKH.8E	SVISION	Krystal RS Half tail light set•A4 (B6-8E) sedan 2002 on USA•Half clear half red lens design (photo 6)	DP8E-12HK	\$ 222 set
6	DRTZZ.8E	SVISION	Krystal Altezza tail light set•A4 (B6-8E) sedan 2002 on USA•A great looking upgrade (photo 7)	DP8E-11AK	\$ 222 set
7	IRTLLED.8E	SVISION	Krystal Black tail light•A4 (B6-8E) sedan 2002 on USA•Sculptured styling in black•Design (photo 8)	SO8E-01	\$ 255 set
8	IRTKR.8E	SVISION	HELLA® Frost tail light set•A4 (B6-8E) sedan 2002 on USA•Mostly frosted with a touch of red (photo 9)	HEL8E-08	\$ 288 set
9	DRTKF.8E	SVISION	Krystal Klear or Smoke set•A4 (B6-8E) sedan 2002 on USA (photos 10, 11)	Smoke: DP8E-14SK Klear: DP8E-13CK	\$ 222 set
10	TLLLED.8E	SVISION	LED tail lights•A4/S4 sedan (pictures 12,13,14)•Ecode• Klear Red: MA8E-01 Klear chrome: MA8E-02 Smoked chrome: MA8E-03		\$ 333 set
11	IRTC/S.4B	SVISION	A6 Clear/Smoke tail light set•A6 (4B) sedan 1998+ USA / 1997+ Euro•Fits new RS6! Clear (C) IN4B-03C Smoke (S) JOM4B-01B		\$ 299 set
12	DFTS	SVISION	Turn signal Frosted•For Bosch OEM frosted headlight•(not recommended for type DH.5/DX.5)•No orange D: DPB5-03L P: DPB5-05R		\$ 33 ea.
13	DKKTS	SVISION	Turn signal Krystal Klear•For type DH.5/DX.5•Also Bosch OEM frosted headlight•No orange Driver: DPB5-07L Passenger: DPB5-07R		\$ 77 ea.
14	ESMC/S.5	SVISION	Clear/Smoke side marker set•A4 (B5) 1996-1999 USA	Clear (C) EEB5-01 Smoke (S) EEB5-02	\$ 33 set
15	WFSMK.5S	SVISION	Krystal Klear small side marker set•A4 (B5) 1996-1999 USA	WFB5-01	\$ 44 set
16	WFSMK.5W	SVISION	Krystal Klear wide side marker set•A4 (B5) 1999.5-2001 USA • Also fits on A4B6 (8E) 2002 on	WFB58E-02	\$ 44 set
17	DPTS.C4	SVISION	Krystal Klear frosted turn signal set•A6 type 100 (C4)•1995-1997 USA	Driver: DPC4-10L Passenger: DPC4-10R	\$ 44 ea.

Prices in US dollars; specifications, availability and pricing subject to change. Tail lights are E-code specification for Europe, not DOT specification for USA or Canada. Use offroad only. B6 tail lights are plug and play, however a small cutout notch in your connector plug maybe required as your tail light is Ecode.



Call your friendly LLTEK representative for information and to order

1.888.465.5835 TOLL FREE **1.888.GO LLTEK** TUNER@LLTEK.COM

LLTEK Motorsports is not affiliated with Audi AG nor Audi of America nor Porsche AG nor Porsche Cars North America Inc. nor Volkswagen AG nor Volkswagen of America Inc. in any way.

The H7 HID - Xenon using D1-S: A simple 1-2-3 installation

(other Serious Vision kits use similar procedures)

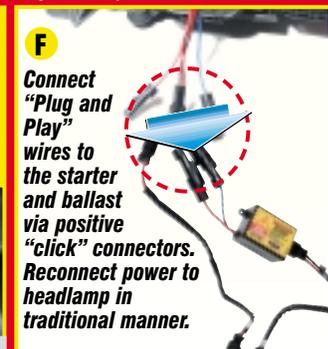
True HID-Xenon lighting is now available, made possible by LLTEK's expertise and commitment to bringing you safe, sophisticated and innovative technology with easy installation and worry-free operation for many years.

Here is how it works. **Note: The information provided here is only general. Instructions accompanies all upgrade**

STEP 1 After disconnecting power to the two headlamps and after removing the bulb access covers of the low beam, high beam or both bulb access covers, drill a small hole in the removed cover. The HID-Xenon bulb and wire is passed through this hole for your headlamp upgrade. On the wire is a supplied adjustable tight rubber waterproof grommet to be fitted into the hole. Next, the HID-Xenon D1-S bulb is fitted into the headlamp's H7 base and locked into position via the factory locking device. Wire terminals are snapped into position as per supplied drawings. No cutting of wiring is required on the D1-S installation.

STEP 2 Reinstall the access panel and close it. Secure the small starter either to the back of the headlamp assembly or to another convenient location. Secure the compact D1 ballast in any convenient location (convenient because you have 2 feet of wire).

STEP 3 Finally attach power to the headlamp in the normal manner and the upgrade is complete. Headlamp realignment is recommended but only required if you have removed the headlamp during the upgrade which sometimes can be avoided (model and side dependent).



Worried about installation? If you have any doubts about the installation of your H7 Serious Vision upgrade on your headlamp or fog lamp, simply send LLTEK the headlamp (or fog lamp) assemblies. LLTEK will install the HID-X upgrade for you free!

F Connect "Plug and Play" wires to the starter and ballast via positive "click" connectors. Reconnect power to headlamp in traditional manner.

TOTAL LIGHTING SOLUTIONS • HEADLIGHTS • TURN SIGNALS

A4 AND S4 BULB OFFER B5 AND B6 ALL YEARS

For HAL: H7-H7 • 4 Super Plasma • 2 S-YO • 2 Mini **Retail \$198 SAVE 90% with Headlight Kit** Bayonet J-0008KP Wedge J-0008KW **\$ 20**
 For HID: Hi-H7 • 2 Super Plasma • 2 S-YO • 2 Mini **Retail \$121 SAVE 90% with Headlight Kit** Bayonet J-0007KP Wedge J-0007KW **\$ 12**

#	CH DESIGN	HOUSING SYST.	INSIDE LIGHT	SET UNIT	H/L/O	SAVE BULB	TYPE DESCRIPTION	PART NUMBER	PART NUMBER	PRICE (USD)
A4(B5) • 2 PIECE EURO KRYSTAL KLEAR PROJECTOR • ALSO KRYSTAL KLEAR TURN SIGNALS • SPECIFY HAL OR HID • FOR PRE-FACELIFT • NO ORANGE • ECODE • PLUG AND PLAY • OFFROAD USE ONLY										
1	B5	Philli	Bal/Ign	D2	ea	NA D2S	OEM Ballast D2 (Phillips) WITH integrated igniter for A4 2 piece light/A6 (C5) 1 piece headlight	PH00-01		\$ 233 ea
2	B5	Valeo	Bal/Ign	D2	ea	NA D2S	OEM Ballast D2 (Valeo) WITH integrated igniter for A4 1 piece headlight	VAL00-11		\$ 277 ea
3	B6	Valeo	Bal only	D1	ea	NA D1S	OEM Ballast D1 (Valeo) NOT WITH igniter, leveling Audi program installed, requires SYL00-01	VAL00-22		\$ 188 ea
4	NA	Philli	D2 Base	D2	ea	NA D2S	OEM Bulb D2S (Phillips) for projector light, compatible with Osram/Valeo/Sylvania, 3900K	PH00-02		\$ 122 ea
5	NA	SVis	D2 Base	D2	ea	NA D2S	AHP Bulb D2S (SVision) for projector, compatible Osram/Valeo/Sylvania, 5900K	DWD2S		\$ 111 ea
6	NA	Sy/Va	D1/Ignit	D1	ea	NA D1S	OEM Bulb D1 (Syl/Valeo) with igniter contained in base, requires VAL00-22 3900K	SYL00-01		\$ 188 ea
7	H7	SVis	Bal/Ign	D2	kit	NA D2S	AHP H7 HID Conversion kit for standard Halogen H7 bulb socket (DL/PR) - all wiring - 5900K	DWH7		\$ 488 kit
8	NA	UHAUS	Plug		set	NA NA	OEM Conversion plug kit, allows A4 1 piece light to connect to round A4 plug of 2 piece light	UHB5-35K		\$ 33 set
9	NA	SVis	Bay/Wg	HAL	set	See 12V	21Wt S-YO - Silver outer coating - flashes yellow/orange • See page 46, lines 4 to 7 for details			\$ 33 set
10	B5	SVis	CHROM	HAL	ea	NA H7,H7	AHP Light only (NO turn signal), for Hal, chrome inside - accepts DWH7 upgrade	(DL) DPB5-08L	(PR) DPB5-08R	\$ 194 ea
11	B5	SVis	CHROM	HIDD2	ea	NA H7,D2S	AHP Headlight only (NO turn signal), for Xenon low beam - chrome inside	(DL) DPB5-09L	(PR) DPB5-09R	\$ 194 ea
12	B5	SVis	BLACK	HAL	ea	NA H7,D2S	AHP Headlight only (NO turn signal), for Hal, black inside-accepts DWH7 upgrade	(DL) DPB5-10L	(PR) DPB5-10R	\$ 244 ea
13	B5	SVis	BLACK	HIDD2	ea	NA H7,D2S	AHP Headlight only (NO turn signal), for Xenon low beam - black inside	(DL) DPB5-11L	(PR) DPB5-11R	\$ 244 ea
14	B5	SVis	CHROM	HAL	set	\$98 H7,H7	AHP 4 piece kit (2 headlights, 2 chrome turn signals)	UHB5-21K		\$ 444 kit
15	B5	SVis	CHROM	HIDD2	set	\$141 H7,D2S	AHP 4 piece kit (2headlights, 2 chrome turn signals), 2 Phil ballast, 2 Phil HID-D2 bulbs, inst	UHB5-22K		\$1111 kit
16	B5	SVis	BLACK	HAL	set	\$154 H7,D2S	AHP 4 piece kit (2 headlights, 2 black turn signals)	UHB5-21KB		\$ 488 kit
17	B5	SVis	BLACK	HIDD2	set	\$175 H7,D2S	AHP 4 piece kit (2 headlights, 2 black turn signals) -2 Phil ballast, 2 Phillips HID-D2 bulbs, inst	UHB5-22KB		\$1177 kit
18	B5	SVis	CHROM	HAL	ea	NA 21 Watt	NA Turn signal chrome inside (for chrome project.) no orange, see S-YO Line 9	(DL) DPB5-07L	(PR) DPB5-07R	\$ 77 ea
19	B5	SVis	BLACK	HAL	ea	NA 21 Watt	NA Turn signal black inside (for black project.) no orange, see S-YO Line 9	(DL) DPB5-12L	(PR) DPB5-12R	\$ 77 ea
20	B5	SVis	FROST	HAL	ea	NA 21 Watt	NA Turn signal frosted (for original Bosch frosted light) no orange, see S-YO Line 9	(DL) DPB5-03L	(PR) DPB5-03R	\$ 33 ea
21	B5	CAM	Paint to match opt.		set	Style NA	Eyebrow set short, 50% discount (pay \$28) with headlight set purchase - optional paint \$55	CAMB5-10		\$ 59 set
A4(B5) • 1 PIECE EURO KRYSTAL KLEAR PROJECTOR WITH INTEGRATED TURN SIGNAL • SPECIFY HAL OR HID FOR WITH FACELIFT • NO ORANGE • ECODE • PLUG AND PLAY • OFFROAD USE ONLY										
22	B5	Valeo	CHROM	HAL	ea	NA H7,H7	OEM Hal individual headlamp with integrated turn signal, specify DL/PR, chrome inside	(DL) VALB5-03L	(PR) VALB5-04R	\$ 233 ea
23	B5	Valeo	CHROM	HIDD2	ea	NA H7,D2S	OEM HID D2S individual headlamp with integrated turn signal, specify DL/PR, chrome inside	(DL) VALB5-05L	(PR) VALB5-06R	\$ 311 ea
24	B5	Valeo	CHROM	HAL	set	\$55 H7,H7	OEM Halogen headlamp set with integrated turn signal, chrome inside	VALB5-07K		\$ 411 set
25	B5	Valeo	CHROM	HIDD2	set	\$67 H7,D2S	OEM HID D2S individual headlamp with integrated turn signal, chrome inside	VALB5-08K		\$ 555 set
26	B5	SVis	CHROM	HAL	ea	NA H7,H7	AHP Halogen headlamp set with integrated turn signal, specify DL/PR, chrome inside	(DL) DPB5-20L	(PR) DPB5-20R	\$ 188 ea
27	B5	SVis	CHROM	HIDD2	ea	NA H7,D2S	AHP HID D2S individual headlamp with integrated turn signal, specify DL/PR, chrome inside	(DL) DPB5-21L	(PR) DPB5-21R	\$ 266 ea
28	B5	SVis	CHROM	HAL	set	\$43 H7,H7	AHP Halogen headlamp set with integrated turn signal, chrome inside	DPB5-20K		\$ 333 set
29	B5	SVis	CHROM	HIDD2	set	\$66 H7,D2S	AHP HID D2S individual headlamp with integrated turn signal, chrome inside	DPB5-21K		\$ 466 set
30	B5	SVis	BLACK	HAL	ea	NA H7,H7	AHP Halogen headlamp set with integrated turn signal, specify DL/PR, black inside	(DL) DPB5-22L	(PR) DPB5-22R	\$ 222 ea
31	B5	SVis	BLACK	HIDD2	ea	NA H7,D2S	AHP HID D2S individual headlamp with integrated turn signal,specify DL/PR, black inside	(DL) DPB5-23L	(PR) DPB5-23R	\$ 311 ea
32	B5	SVis	BLACK	HAL	set	\$56 H7,H7	AHP Halogen headlamp set with integrated turn signal, black inside	DPB5-22K		\$ 388 set
33	B5	SVis	BLACK	HIDD2	set	\$67 H7,H7	AHP HID D2S individual headlamp with integrated turn signal, black inside	DPB5-23K		\$ 555 set
A4(B6) • 1 PIECE EURO KRYSTAL KLEAR PROJECTOR WITH INTEGRATED TURN SIGNAL • SPECIFY HAL OR HID • FOR PRE-FACELIFT • NO ORANGE • ECODE • PLUG AND PLAY • OFFROAD USE ONLY										
34	B6	Valeo	CHROM	HAL	ea	NA H7,H7	OEM Halogen individual headlamp with integrated turn signal, specify DL/PR, chrome inside	(DL) VAL8E-07L	(PR) VAL8E-08R	\$ 299 ea
35	B6	Valeo	CHROM	HIDD1	ea	NA H7,D1S	OEM HID D1S individual headlamp with integrated turn signal, specify DL/PR, chrome inside	(DL) VAL8E-11L	(PR) VAL8E-12R	\$ 355 ea
36	B6	Valeo	CHROM	HAL	set	\$65 H7,H7	OEM Halogen headlamp set with integrated turn signal, chrome inside	VAL8E-30K		\$ 533 set
37	B6	Valeo	CHROM	HIDD1	set	\$66 H7,D1S	OEM HID D1S headlamp set with integrated turn signal, chrome inside	VAL8E-31K		\$ 644 set
38	B6	Valeo	BLACK	HAL	ea	NA H7,H7	OEM Halogen individual headlamp with integrated turn signal, specify DL/PR, black inside	(DL) VAL8E-15L	(PR) VAL8E-16R	\$ 333 ea
39	B6	Valeo	BLACK	HIDD1	ea	NA H7,D1S	OEM HID D1S individual headlamp with integrated turn signal, specify DL/PR black inside	(DL) VAL8E-13L	(PR) VAL8E-14R	\$ 399 ea
40	B6	Valeo	BLACK	HAL	set	\$67 H7,H7	OEM Halogen headlamp set with integrated turn signal, black inside	VAL 8E-33K		\$ 599 set
41	B6	Valeo	BLACK	HIDD1	set	\$54 H7,D1S	OEM HID D1S headlamp set with integrated turn signal, black inside	VAL 8E-34K		\$ 744 set
42	B6	Valeo	TITANI	HAL	ea	NA H7,H7	OEM Halogen individual headlamp with integrated turn signal, specify DL/PR, titanium inside	(DL) VAL8E-19L	(PR) VAL8E-20R	\$ 299 ea
43	B6	Valeo	TITANI	HIDD1	ea	NA H7,D1S	OEM HID D1S individual headlamp with integrated turn signals specify DL/PR, titanium inside	(DL) VAL8E-17L	(PR) VAL8E-18R	\$ 311 ea
44	B6	Valeo	TITANI	HAL	set	\$65 H7,H7	OEM Halogen headlamp set with integrated turn signal, titanium inside	VAL8E-36K		\$ 533 set
45	B6	Valeo	TITANI	HIDD1	set	\$34 H7,D1S	OEM HID D1S headlamp set with integrated turn signal, titanium inside	VAL8E-35K		\$ 588 set
46	B6	SVis	CHROM	HAL	ea	NA H7,H7	AHP Halogen individual headlamp with integrated turn signal, specify DL/PR, chrome inside	(DL) DP8E-03L	(PR) DP8E-03R	\$ 244 ea
47	B6	SVis	CHROM	HIDD1	ea	NA H7,D1S	AHP HID D1S individual headlamp with integrated turn signal, specify DL/PR, chrome inside	(DL) DP8E-04L	(PR) DP8E-04R	\$ 299 ea
48	B6	SVis	CHROM	HAL	set	\$66 H7,H7	AHP Halogen headlamp set with integrated turn signal, chrome inside	DP8E-03K		\$ 422 set
49	B6	SVis	CHROM	HIDD1	set	\$65 H7,D1S	AHP HID D1S headlamp set with integrated turn signal, chrome inside	DP8E-04K		\$ 533 set
50	B6	SVis	BLACK	HAL	ea	NA H7,H7	AHP Halogen individual headlamp with integrated turn signal, specify DL/PR, black inside	(DL) DP8E-01L	(PR) DP8E-01R	\$ 288 ea
51	B6	SVis	BLACK	HIDD1	ea	NA H7,D1S	AHP HID D1S headlamp with integrated turn signal, specify DL/ PR, black inside	(DL) DP8E-02L	(PR) DP8E-02R	\$ 344 ea
52	B6	SVis	BLACK	HAL	set	\$77 H7,H7	AHP Halogen headlamp set with integrated turn signal, black inside	DP8E-01K		\$ 499 set
53	B6	SVis	BLACK	HIDD1	set	\$77 H7,D1S	AHP HID D1S headlamp set with integrated turn signal, black inside	DP8E-02K		\$ 611 set

56 AHP: Aftermarket Hi Performance Build Quality internally adjustable for LHD and RHD • BLACK • HEADLIGHT: very dark charcoal grey with chrome accents • BLACK TURN SIGNAL: moderately dark charcoal grey with chrome accents • TITANIUM: inside silver grey flat with chrome accents • DL: Driver or Left side (LHD) • PR: Passenger or Right side (LHD) • LHD/RHD: Left Hand Drive/Right Hand Drive • OEM: Original Equipment Manufacturer • ECODE: Headlights, turn signals and tail lights are European specification, not DOT, use offroad only • HID: High Intensity Discharge: Xenon • SEE BO: See Bulb Offer (only with headlight purchase) • S-YO: Silver bulb surface: flashes Yellow/Orange (specify base) • KELVIN: (5900K) bulbs may be greater.

INFORMATION LLTEK WOULD LIKE YOU TO READ.

Take a few minutes to read this entire section. It will help you understand more about the lighting products we offer, the care and thought process during installation plus information pertaining to choice of product. For needed clarification, for questions or other information, call us. We will do our best to explain your lighting options.

1. PRODUCT AVAILABILITY There are numerous types of different lighting products for Audi cars. LLTEK stocks the vast majority shown in our listings. Yet, on occasion we do run out of stock. Also, certain products are not easy to obtain and our re-orders can take serious time. On occasion it may not even be easy for LLTEK to re-obtain products listed. Our advice, plan well ahead to ensure the product you need is available.

2. EUROPEAN HEADLIGHT VERSION The headlights, turn signal and tail lights LLTEK sells are European versions. They are all E-code. E-code headlights are accepted in Canada. In the USA, Euro headlight will out-perform its USA counterpart. Euro headlamps tend to cast a more focused and tighter beam pattern with lower cut-off points that are more defined. Less light is wasted in a Euro configuration. Generally a conversion to a Euro specification headlamp system means additional visibility and allows for vision further down the road, therefore improving safety margins. Different people will experience different levels of vision improvement. If converting from a North American Halogen to a European HID Xenon, the gain is major plus. LLTEK invites you to make a well informed decision when choosing to upgrade to a European specification headlamp or tail light.

3. PROFESSIONAL INSTALLATION Always have your new headlamps or tail lights installed or conversion performed by professional people. As an example, a good place to install your lighting products are shops specializing in automotive audio upgrades. They understand fitment and electricity. These types of shops will find the upgrade quite easy. Also many Audi dealers can perform the upgrade. The small extra installation cost is very worthwhile. Ensure you have your headlights professionally aligned and perform alignments on a regular basis. LLTEK recommends a recalibration alignment at least once a year or after any frontal impact.

4. CANADIAN AUDI CARS WITH DRL Owners of Canadian Audi cars must carefully read this section. DRL stands for Daytime Running Lights. DRL is mandatory in Canada. This means when the car motor is started, headlights or fog lights automatically turn on. There is no easy way to turn the automatic lighting system off and LLTEK urges Canadian Audi car owners to respect this feature. Of course, the owner can turn on the light system manually to also conform to the law. However, when the headlight (as opposed to a fog light) is chosen as the DRL (generally early A4 (B5) cars and S4 (B5) cars) Audi also installs a Voltage Reduction Module (VRM). This little device reduces the power to the headlight to approximately 8 volts instead of the normal 12 – 14 volts, but only in DRL mode. Bulb life is extended as a result. When the headlight on/off switch is activated to allow use of traditional lighting (i.e. low and high beam), the VRM circuit is bypassed and 12 – 14 volts flow to the headlight bulbs. To install a Valeo, Phillips or Serious Vision HID system, it is mandatory that at time of motor turn on, the power to the ballast be a full 12 – 14 volts and not 8 volts (due to the VRM). Therefore certain Audi Canadian cars must bypass or remove the VRM device prior to an HID upgrade, otherwise the ballast will quickly fail. The ballast manufacturer can quickly tell if a ballast has failed due to incorrect voltage. This nullifies all warranty. By eliminating the VRM, the Canadian car will still have the mandatory DRL but with full 12 – 14 volts at time of motor turn on. No laws will be broken. Now early Canadian A4 cars and S4 cars can have true HID.

5. DUAL FILAMENT TURN SIGNAL BULBS IN A EURO TURN SIGNAL Do not think a Euro turn signal is the same as its North American cousin minus the corner orange reflector. There is often another important difference. In a Euro turn signal, the flasher bulb is often surrounded in a cosmetic sleeve. Depending on the turn signal design, this sleeve can be more airtight than other sleeves. The sleeve could melt under certain conditions when used in a North American car. Here is the explanation. North American lighting systems use the turn signal bulb in two ways and each bulb has two filaments so the bulb can light up as a traditional flasher. It will also light up as a parking (corner) light which automatically turns on when the headlamp is turned on. Euro lighting specifications use a single filament bulb for flashing only. Therefore, if you use your headlamps as a Daytime Running Light and manually turn on the headlamp during the day (Canadian cars will automatically come on), you heat up the cosmetic capsule to the point where it could melt. In fact, if you drive for many hours over and over at night, this same heat build up could cause a meltdown. North American versions of the turn signal either come with no cosmetic capsule or a fully vented capsule. Alternatively and as a solution, you can purchase a single filament type bulb and this immediately eliminates the problem. Also, you could negate the lighting of the corner filament at the bulb base. However, LLTEK does not recommend nor endorse this. Make sure that if you order the S-YO turn signal bulb you choose the correct base (bayonet – push and twist) or wedge. Then choose double (USA standard) or single filament model.

Mini cap (highlighted in red) in a typical Euro clear corner turn signal.



Remember, LLTEK sells E-code turn signals intended for use in Europe, not DOT which is intended for use in USA. The decision to purchase this product should be well thought out. Use offroad or for show only.

6. CANADIAN CARS WHERE FOG LIGHTS ARE DRL In the newer Canadian Audi cars (A4 (B5) 1999.5-2001, A6, A48E, Allroad, etc.) Audi engineers have switched the DRL (Daytime Running Light) to the fog light. In those cases the Canadian fog light should not be converted to HID. In USA cars, fog light conversion to HID is acceptable from an electronic point of view.

7. INSTALLING A ONE PIECE HEADLAMP IN THE PLACE OF A TWO PIECE HEADLAMP On earlier A4 cars (1996-1999 USA, 1995-1998 Euro) the cars come equipped with the Bosch® frosted two piece headlamps. A popular upgrade is to replace these headlamps with Krystal Klear Euro projector specification Halogen or HID lighting. Two completely different upgrade methods are available and LLTEK strongly recommends one system over the other. However, LLTEK does sell both upgrade systems. The LLTEK preferred approach is the Krystal Klear two piece replacement. First it is pure "plug and play", it is also a perfect fit and no modifications nor cutting to the fender metal of the car must be made nor changes to the wiring of the car. Furthermore, it uses the original three anchoring points to securely hold the headlamp. At 15 feet standing distance you cannot visually tell if it is a one piece or two piece headlight. Again this is the preferred upgrade conversion method. The alternate method that is a 90% acceptable fit is to install the one piece Krystal Klear projector headlamp. To do this installation some metal cutting of the fender is mandatory and a new electric plug and related wiring must be substituted (LLTEK sells this plug and wire). Finally, only two of the three original points for anchoring can be accessed when a one piece headlamp is installed. Costs are about the same for either system. Again, cosmetics and light output production are the same with the two systems. If the upgrade also includes an upgrade to HID, then for sure the two piece Krystal Klear is the far better way to proceed.

8. LIGHTS FOR RIGHT HAND DRIVE AUDI CARS (A4) The two piece A4 Krystal Klear headlamp in both Halogen and HID Xenon are internally switchable (it takes two seconds) from left hand drive to right hand drive. This is the A4 upgrade headlamp for USA years 1996 – 1999 or Euro years 1995 – 1998. AHP one piece headlamp are often switchable as well.

9. TOO GOOD TO BE TRUE: 90% DISCOUNT ON BULBS Sorry, it is true. When you purchase any complete headlight system (L & R) you are entitled to the 90% bulb pack discount. How is this possible? Simple. Just thank the various headlight manufacturers who basically fund the bulb program of rebate to LLTEK. So you get the discount and LLTEK is compensated in other ways.

11. NO TOUCH XENON AND HALOGEN BULBS, SAFETY WITH CHILDREN Do not touch the glass ampule of a Xenon or Halogen bulb with your fingers. If you do, an invisible transfer of body oils will take place. This can cause the bulb to shatter when lit, malfunction or perform poorly. If touched, follow the easy cleaning recommendations on the bulb package. Keep all bulbs (new and old) away from infants and children.

12. KEEP YOUR XENON BULBS HORIZONTAL Inform your professional installer to never test an HID Xenon system with the bulb upright. Xenon bulbs must be powered up in a horizontal position only. If powered vertically the bulb will "salt" and bulb failure will soon occur. Performance will also be reduced. Salting is visible and is not covered by any warranty. A professional installer is expected to know this. However, just in case, please inform.

13. TAIL LAMP CONVERSION (CLEAR, SMOKE, ALTEZZA) All styled tail light upgrade designs were designed for use on European roads. Many variations are similar to their North American counterpart and all have similar functionality. Have all conversions performed professionally. Use of a "styled" tail light is your responsibility and not LLTEK's responsibility. Photographs of clear or smoked tail lights are often provided by the manufacturer. Some reflectors of the bulb compartment and surface reflectors are not always visible in the photographs. To properly eliminate the "see through" effect of the yellow/orange flasher bulb, LLTEK recommends the silver faced S-YO turn signal bulb. While visually appearing a clear silver the bulb flashes yellow/orange. When tail lights are purchased from LLTEK, a 90% discount will be applied on the tail lamp version of the S-YO bulb. Note: the S-YO tail lamp bulb is not always the same as the one used in the front corner turn signal. Tail lamp design sometimes varies due to production issues. The photographs often represent the visual look of S-YO turn signal bulb once installed.

14. HEADLIGHT AND TAIL LIGHT WARRANTIES (INCLUDING TURN SIGNALS) All headlamps and tail lights are European specification. Therefore these products are not covered by any warranty from its counterpart company in North America. However, headlights basically sit there and warranty issues are virtually non-existent. In the few cases where product has proven defective, LLTEK tries for an amicable solution.

15. H7 DOES NOT ALWAYS MEAN H7 Audi uses standard H7 bulbs and bulbging connectivity and therefore the Serious Vision HID upgrade kits fit fine. On some other German cars the bulb may be a standard H7 but the bulb may be held in place via a thick plastic interface spacer that also transmits power to the bulb (e.g. M3). In these cases the spacer can be reused. However power diversion must take place first. Your professional installer can handle these types of exceptions.



Call your friendly LLTEK representative for information and to order



1.888.465.5835

◀ TOLL FREE ▶

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