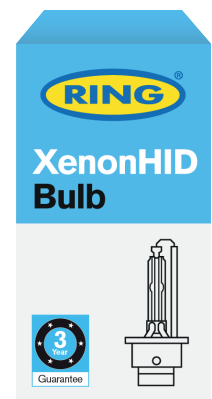
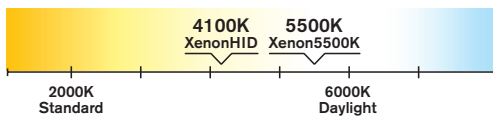




Xenon HID Bulb Fitting Guide

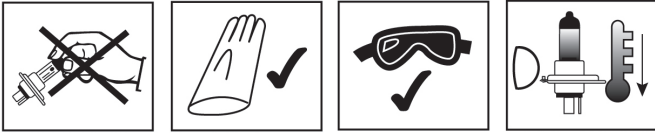


Colour Temperature (Kelvin)



HID Bulb Fitting Guide

NOTE: before commencing any fitting operation, ensure the vehicle is parked off the road with the handbrake on.



This fitting guide has been produced to show, in easy to follow steps, how xenon HID bulbs can safely be replaced.

Fault Diagnosis

A xenon HID system is made up of different components. Follow these simple checks to replace the correct part.

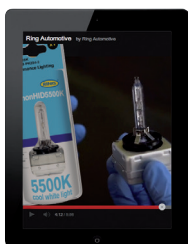
- 1) Check the ballast. You should hear an electrical switching noise around the headlight area.
- 2) If no noise is heard, then check the relevant fuse (see vehicle handbook).
- 3) If the fuses are ok, the ballast or wiring may be at fault. Consult an auto electrician.
- 4) If the ballast can be heard, the bulb requires replacing.

Fit in Pairs

Due to the unique ageing process of Xenon HID bulbs, only replace in pairs to ensure a colour match.

Fitting Video

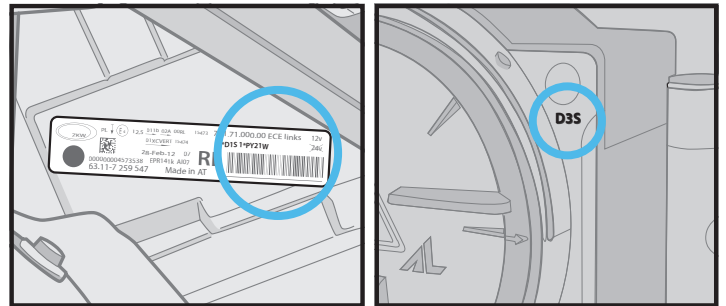
Scan the QR code to view the HID installation video.



Or visit: www.ringautomotive.com/uk/content/hid-bulbs

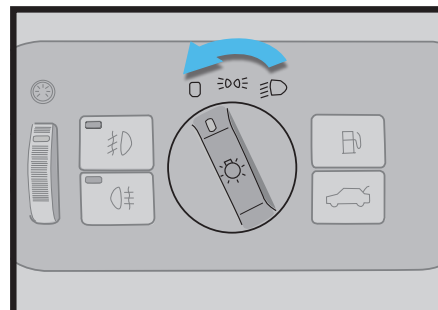
Step 1 Identify the bulb reference

This can be found in the handbook or on the headlamp unit. Alternatively check on Ring's Find My Bulb App at www.ringautomotive.com



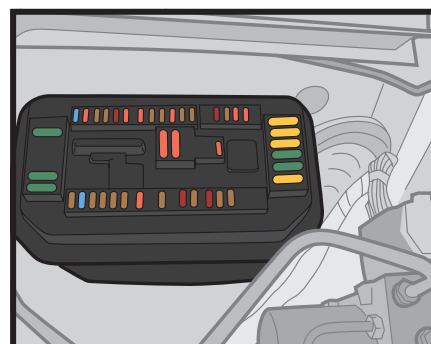
Step 2 Isolate the bulb circuit

- 1) Turn off the ignition and remove the keys.
- 2) Switch off the headlight switch.



Step 3 Remove the headlamp fuse

Consult the vehicle handbook for advice on how to remove the headlamp fuse.

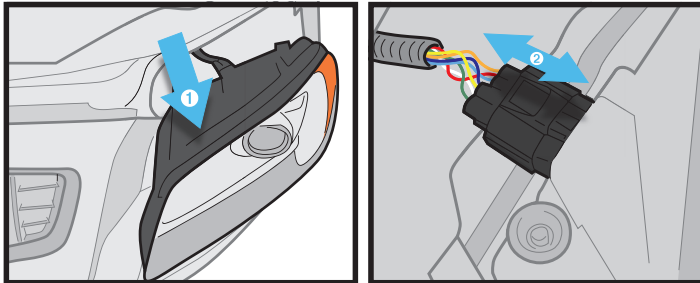


Step 4 Accessing the bulb

Consult the vehicle handbook for directions on how to access the headlamps. Replacement procedures differ from vehicle to vehicle: this guide shows common easy to fit procedures.

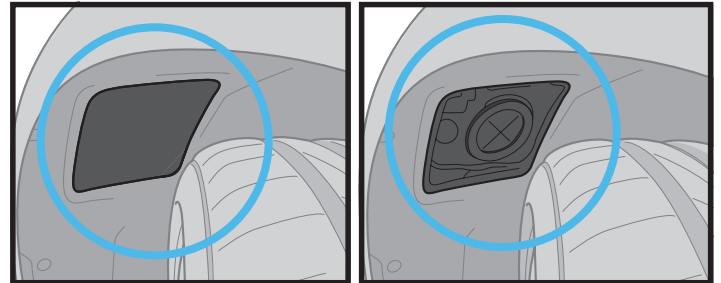
TYPE 1 - HEADLAMP REMOVAL

- 1 Remove the headlamp as per handbook.
- 2 When removing the headlamp, take care not to scratch the lens.
- 3 Disconnect the power connector.
- 4 Remove protective covers



TYPE 2 - WHEEL ARCH

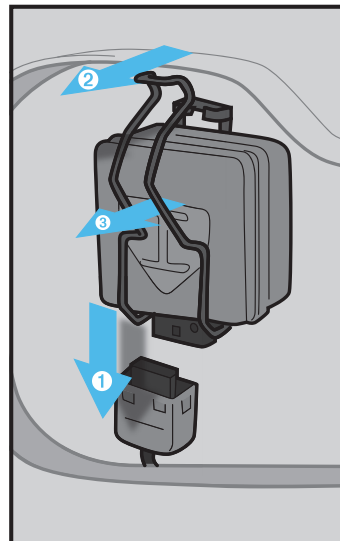
- 1 Turning the wheel into full lock will help gain access (remember to remove key from ignition after locking wheels).
- 2 Remove protective covers



Step 5 Removing the bulb

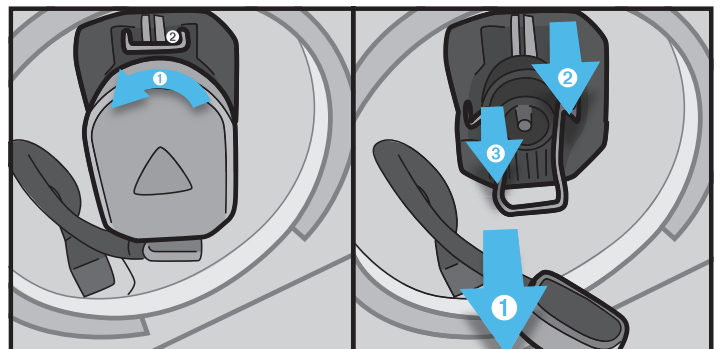
FOR D1 AND D3

- 1 Disconnect the power lead.
 - 2 Unclip the metal retainer.
- NOTE:** If there is no metal retainer clip, quarter turn the bulb anticlockwise to unlock.
- 3 Remove the bulb.



FOR D2 AND D4

- 1 Rotate anti-clockwise and disconnect the bulb connector.
- 2 Unclip metal retainer.
- 3 Remove the bulb.



Step 6 Replacing the new bulb

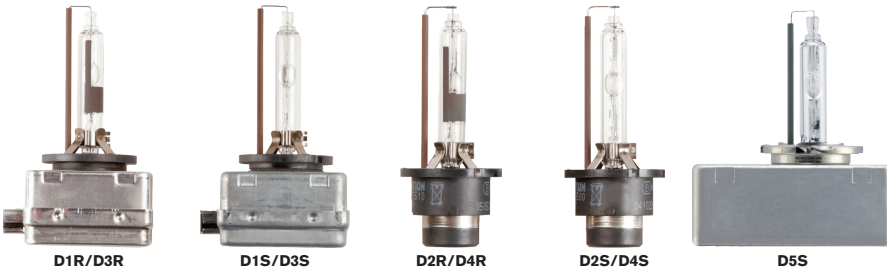
- 1) Replace the bulb following step 5 in reverse.
- 2) Check all the connections are made securely.
- 3) Replace the headlamp assembly covers removed to access the headlamp.

Step 7 Checking

- 1) Replace the lighting fuse and test that the headlights are working correctly.
- 2) Check headlight alignment.
- 3) Register the bulb online to activate your 3 year warranty.

HID Bulb Fitting Guide

Xenon HID Bulbs



4100K
Standard colour temperature

Part No.	Type	Voltage	Wattage	Base	Barcode	Part No.	Type	Voltage	Wattage	Base	Barcode
R85406	D1R*	85V	35W	PK32d-3	5055175215129	R42302	D3S*	42V	35W	PK32d-5	5055175230610
R85402	D1S*	85V	35W	PK32d-2	5055175215112	R42406	D4R	42V	35W	P32d-6	5055175235899
R85126	D2R*	85V	35W	P32d-3	5055175211480	R42402	D4S*	42V	35W	P32d-5	5055175230627
R85122	D2S*	85V	35W	P32d-2	5055175211473	R12410	D5S	12V	25W	PK32d-7	5055175239903
R42306	D3R	42V	35W	PK32d-6	5055175235882	R66548	D8S	12V	25W	PK32d-1	5055175243719

3 Year Warranty

OEM Technology

E

Xenon HID 5500K Performance Upgrade Bulbs



+20% more light on the road

5500K
High colour temperature

Part No.	Type	Voltage	Wattage	Base	Barcode	Part No.	Type	Voltage	Wattage	Base	Barcode
R854025K	D1S*	85V	35W	PK32d-2	5055175237619	R423025K	D3S	42V	35W	PK32d-5	5055175243535
R851265K	D2R*	85V	35W	P32d-3	5055175237589	R424025K	D4S	42V	35W	P32d-5	5055175243542
R851225K	D2S*	85V	35W	P32d-2	5055175237572						

3 Year Warranty

OEM Technology

E

Xenon HID +100 Performance Upgrade Bulbs



+100% more light on the road

4100K
Standard colour temperature

Part No.	Type	Voltage	Wattage	Base	Barcode
R85402100	D1S*	85V	35W	PK32d-2	5055175243559
R85122100	D2S*	85V	35W	P32d-2	5055175243566

3 Year Warranty

OEM Technology

E

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*Now available in welded blister single pack (prefix RU).
All Ring HID bulbs are Lead free.
All Ring D3 and D4 bulbs are Mercury free.

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