

sector 111

HID Kit Installation Instructions for 2007 Cars

Rev. A

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Assembly Step

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Detailed Instructions

Picture/ Illustration

READ FITTING INSTRUCTIONS IN FULL BEFORE INSTALLATION

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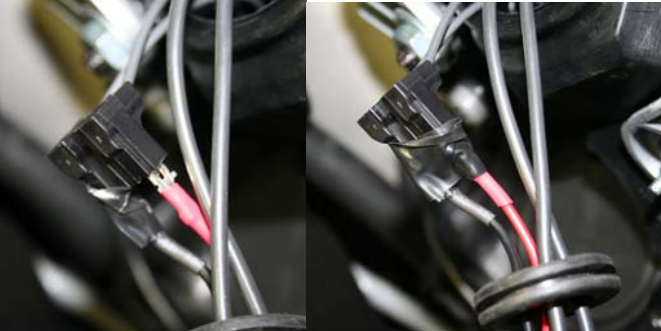
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The 2007 has an updated headlight assembly. While all of the principles of installation are the same, the 2007 uses a H7 bulb in the low beam rather than an H1. The back of the headlight is also slightly different so the bulb installation steps are slightly modified. See the picture below for the 2007 headlight assembly. Notice the small marker light at the top identifying this series light assembly.




Assembly Step	Tools/ Parts	Detailed Instructions	Picture/ Illustration
<p>1. Remove Stock Halogen Bulb</p>	<ul style="list-style-type: none"> • 	<ol style="list-style-type: none"> a. Once you have removed the wheel well liner per the previous instructions, you will see the high and low beam lamp socket covers. b. Remove the low beam (upper) cover. c. Remove the stock H7 halogen bulb. 	
<p>2. Install New Bulb</p>	<ul style="list-style-type: none"> • 	<ol style="list-style-type: none"> a. Install the new H7 HID bulb into the socket and secure with the mounting clip. b. This is made much easier by removing the clip, inserting the bulb and then placing the spring back into the attaching points. c. Note the orientation of the spring so you put it back correctly. d. Note the locating tab on the base of the bulb and line it up with the notch in the lamp housing base. 	

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<p>3. Cut Hole in Housing Cap</p>	<ul style="list-style-type: none"> • Drill • 3/4 or 7/8 Drill Bit • Utility Knife 	<p>a. Using a drill or utility knife, make a hole in the back of the housing cap that you removed in step 1b.</p>	
<p>4. Locate Positive and Negative Wires for Powering Ballast</p>	<ul style="list-style-type: none"> • Digital Volt Meter 	<p>a. When you unplugged the car wiring from the bulb, you removed the connector shown.</p> <p>b. In order to get power to your HID's you must make sure the polarity is correct on the wires.</p> <p>c. To test this you can either measure the power with the headlights turned on using a DVM or find out by trial and error.</p> <p>d. If you have a Volt Meter and the knowledge to determine polarity, test the connector with the bulb removed and the headlights turned on. Mark the power and ground wires in a method you can use to remember which wire is which.</p> <p>e. For Trial and Error you can guess</p>	

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		<p>which side is power or ground. If you are incorrect, the ballast and bulb will not light up. The ballast is protected against power reversal so guessing incorrectly will not damage the system or the car.</p>	
<p>5. Plug Power Source Into Ballasts</p>	<ul style="list-style-type: none"> • Electrical Tape 	<ol style="list-style-type: none"> a. Plug the power adaptor wiring that runs with the bulb into the original bulb connector to route power out of the cars wiring harness, through the weather-seals and back to the ballast. b. Once you have the wires in their correct polarity and the system operates, tape the plug as shown in the next two photographs to make sure it can not short to any metal on reassembly. 	

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<p>6. Install Weather Seal</p>	<ul style="list-style-type: none"> • Utility Knife 	<ol style="list-style-type: none"> a. Now install the weather seal for the bulb into the low beam rubber cap and make sure it is smooth inside and out. b. Adjust the size/shape of the cutout to accommodate the bulb weather seal. c. Reinstall the low beam cover. 	
<p>7. Connect Bulb to Ballast</p>		<ol style="list-style-type: none"> a. Connect the power wire adapter you just installed into the input adapter harness for the ballast and connect the output of the ballast to the two bulb input connectors. 	

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8. Mount Ballast	<ul style="list-style-type: none"> • Zip Ties 	<ol style="list-style-type: none"> a. Mount the ballast to the horizontal frame member. b. Make sure wires are routed in a direct manner to the bulbs and hold them in place with zip ties so that they do not come loose and catch any sharp areas on the car. 	
9. Test and Clean Up	<ul style="list-style-type: none"> • Phillips Screw Driver 	<ol style="list-style-type: none"> a. Test lights and when you have verified that both are working, re-install fender liner. 	