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Subject: Apply a normal or bump-map in RenX  
Posted by [Veyrdite](#) on Sat, 23 Feb 2008 03:07:06 GMT  
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How is this performed? I want to make a stone block with lots of cracks and deformations on it without having to do it with polygons.

I know you can do a lot more with a normal map, as you can specify X, Y and X coords compared to just depth in a bump-map, but do normal-maps lower the FPS more (than bump-maps) in Renegade?

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Subject: Re: Apply a normal or bump-map in RenX  
Posted by [nopol10](#) on Sat, 23 Feb 2008 04:25:13 GMT  
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Normal maps do lower the frame rate more than the bump maps applied in RenX. This becomes obvious at higher resolutions (on average computers that is).

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Subject: Re: Apply a normal or bump-map in RenX  
Posted by [Veyrdite](#) on Sun, 24 Feb 2008 00:12:56 GMT  
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Doesn't anyone know? I thought most of the Renegade 3D enthusiasts knew how to apply one.

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Subject: Re: Apply a normal or bump-map in RenX  
Posted by [nopol10](#) on Sun, 24 Feb 2008 01:09:07 GMT  
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For normal maps, you'd have to use shaders (can't make normal maps in RenX).  
Follow this tutorial:  
<http://www.renhelp.net/index.php?mod=Tutorials&action=view&id=111>

For bump maps, follow this tutorial on water, the same technique can be applied for other materials:  
<http://www.renhelp.net/index.php?mod=Tutorials&action=view&id=42>

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Subject: Re: Apply a normal or bump-map in RenX  
Posted by [Veyrdite](#) on Sun, 24 Feb 2008 01:13:39 GMT  
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Thankyou Nopol.

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Subject: Re: Apply a normal or bump-map in RenX  
Posted by [Canadacdn](#) on Sun, 24 Feb 2008 01:44:50 GMT  
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nopol10 wrote on Sat, 23 February 2008 19:09 For normal maps, you'd have to use shaders (can't make normal maps in RenX).

Follow this tutorial:

<http://www.renhelp.net/index.php?mod=Tutorials&action=view&id=111>

For bump maps, follow this tutorial on water, the same technique can be applied for other materials:

<http://www.renhelp.net/index.php?mod=Tutorials&action=view&id=42>

Hurray! Someone is using my tutorial!

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Subject: Re: Apply a normal or bump-map in RenX  
Posted by [Veyrdite](#) on Sun, 24 Feb 2008 07:04:59 GMT  
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Your normal-mapped stank doesn't look any different from the normal Stealth Tank.

EDIT: [file:///C:/Program%20Files/RenegadePublicTools/HowTo/W3D%20Tutorials/content/vertex\\_material.htm](file:///C:/Program%20Files/RenegadePublicTools/HowTo/W3D%20Tutorials/content/vertex_material.htm)

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Subject: Re: Apply a normal or bump-map in RenX  
Posted by [nopol10](#) on Sun, 24 Feb 2008 08:55:04 GMT  
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Look at circled area, the normal map is more obvious there:

### File Attachments

1) [normalhere.jpg](#), downloaded 153 times

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