



## ROVERBOT SECTION

Here is an overview of the Roverbot.

The following pages show building instructions for each part.

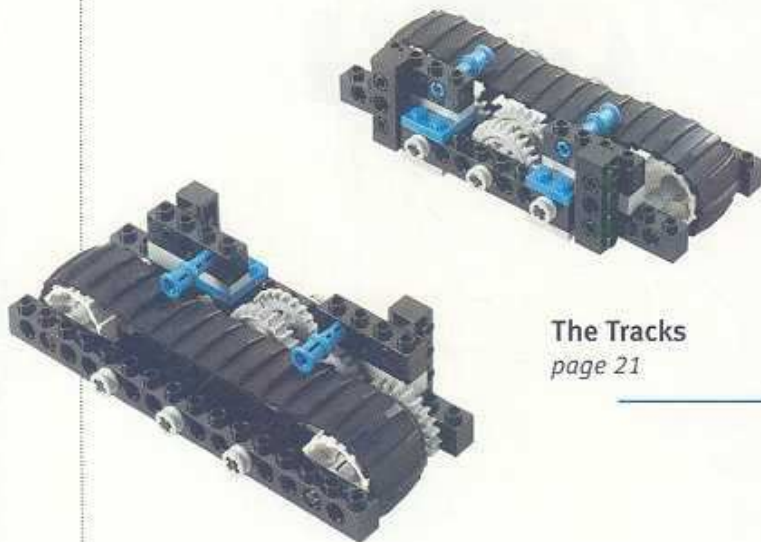
Start by building the Driving Base, then choose which attachments you want to add.



**The Wheel Sets**  
*page 17*



**The Legs**  
*page 18*



**The Tracks**  
*page 21*



**The Driving Base**  
*page 12*

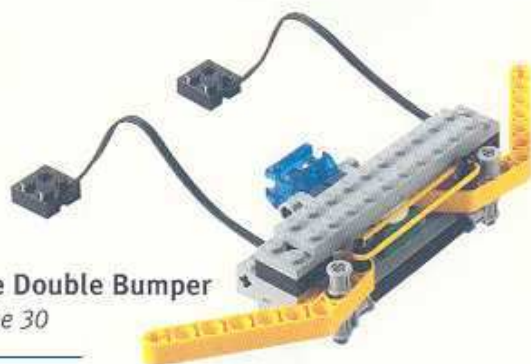
The Driving Base, together with the RCX forms the Roverbot.

Note: For additional attachments, as well as design suggestions, go to **Special Features** on *page 88*.

Examples of a Roverbot.



**The Single Bumper**  
page 26



**The Double Bumper**  
page 30



**The Light Sensor**  
page 34



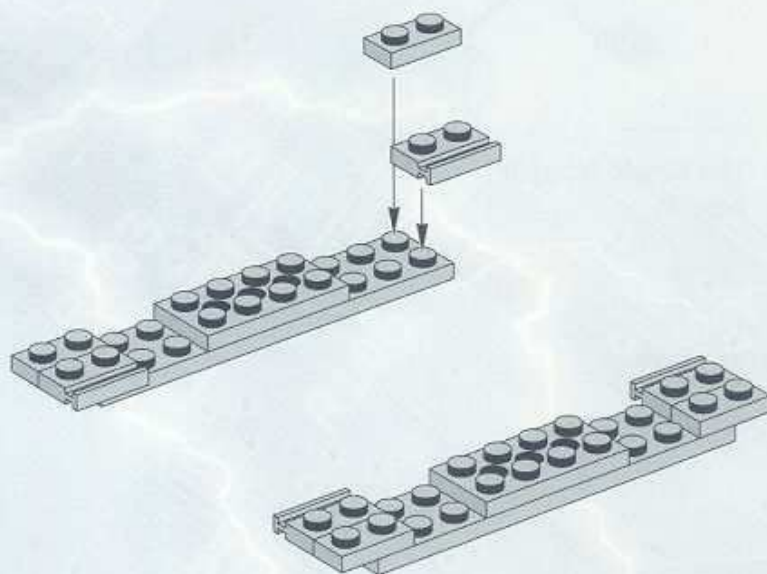
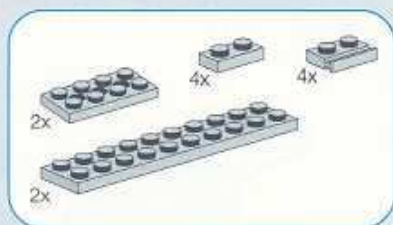




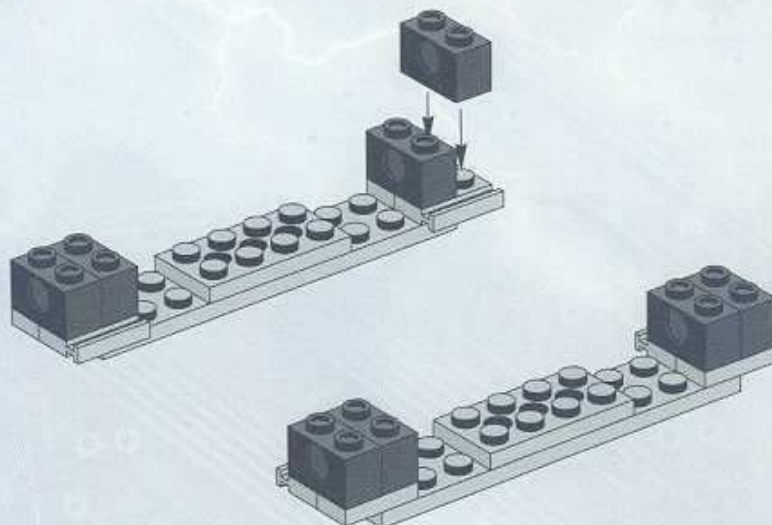
## Driving Base

Check that your RCX has working batteries before starting.

1

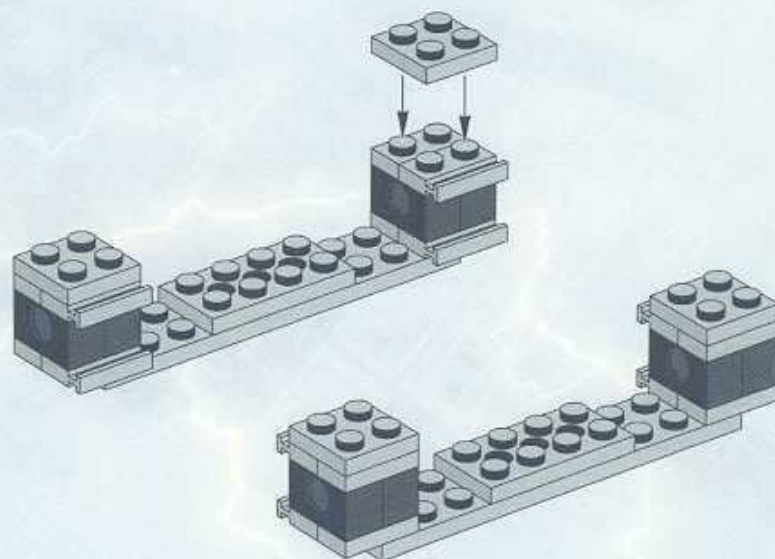


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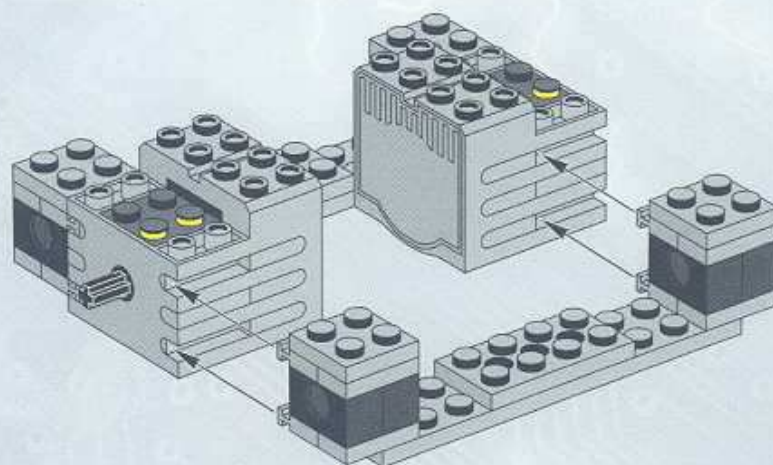




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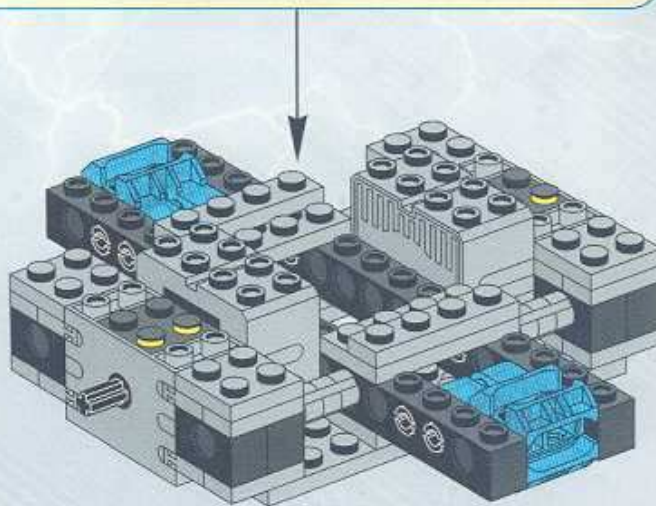
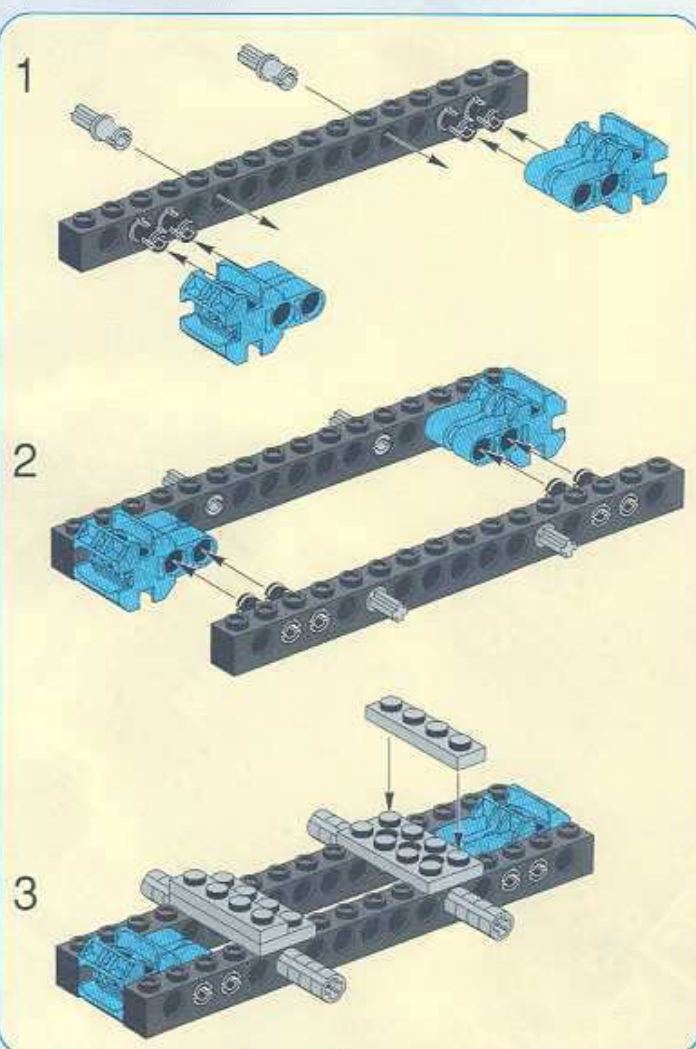
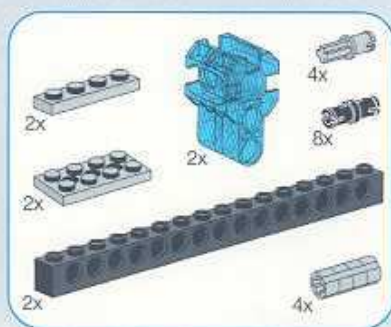
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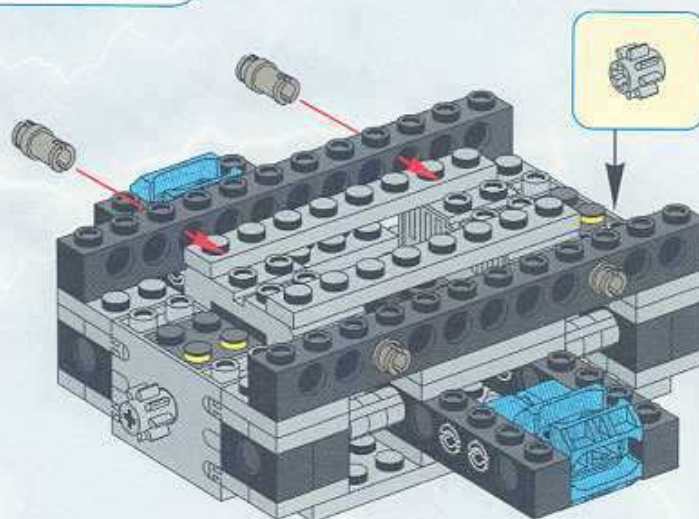
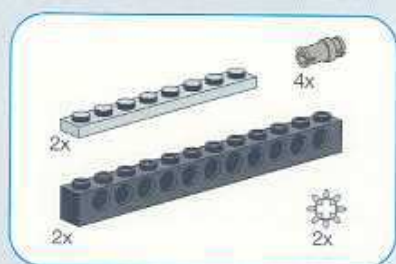


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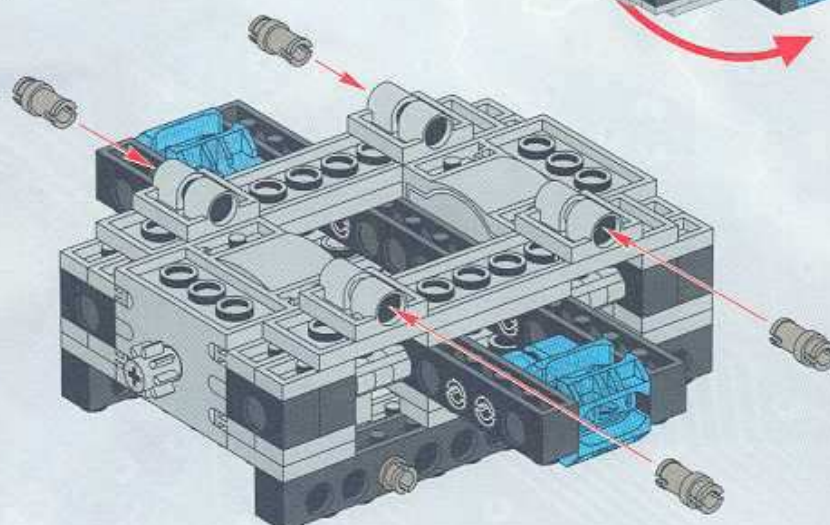
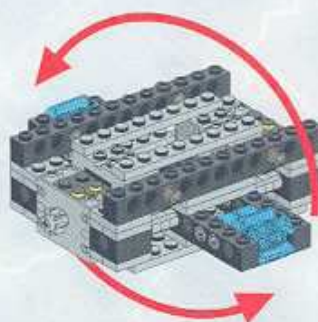




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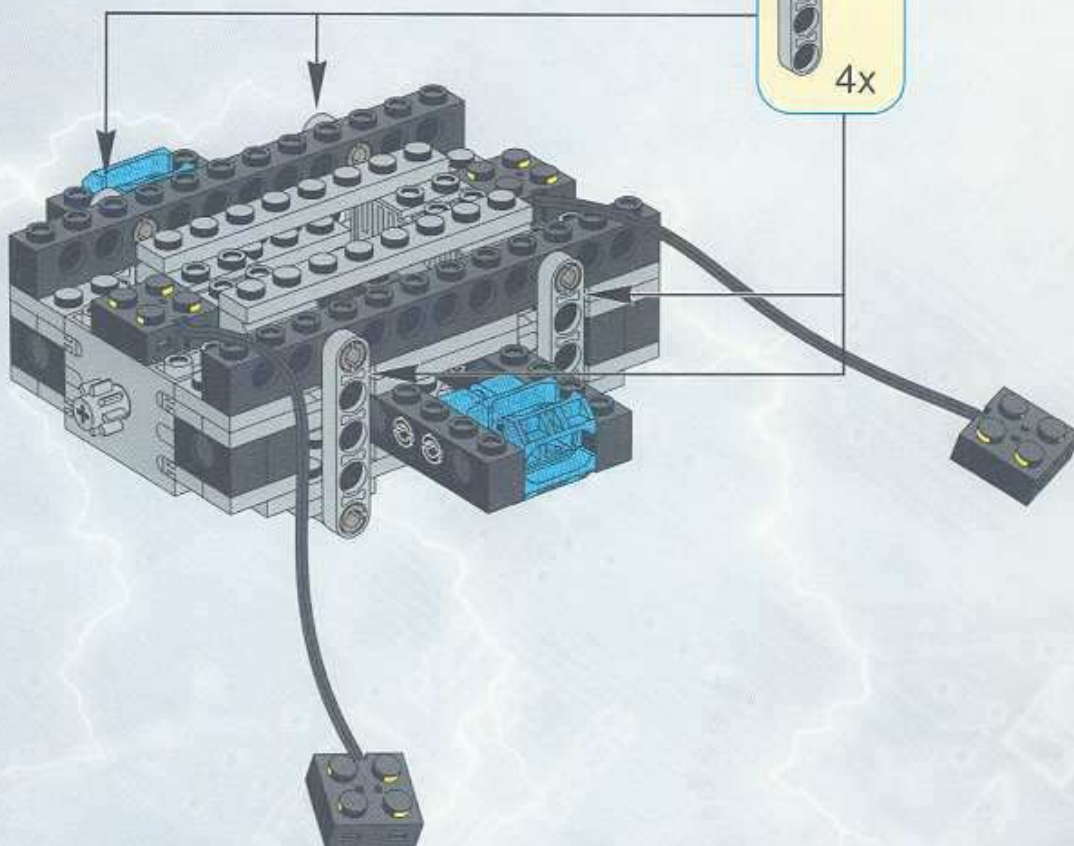
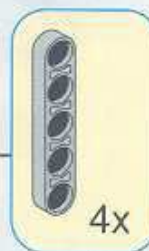
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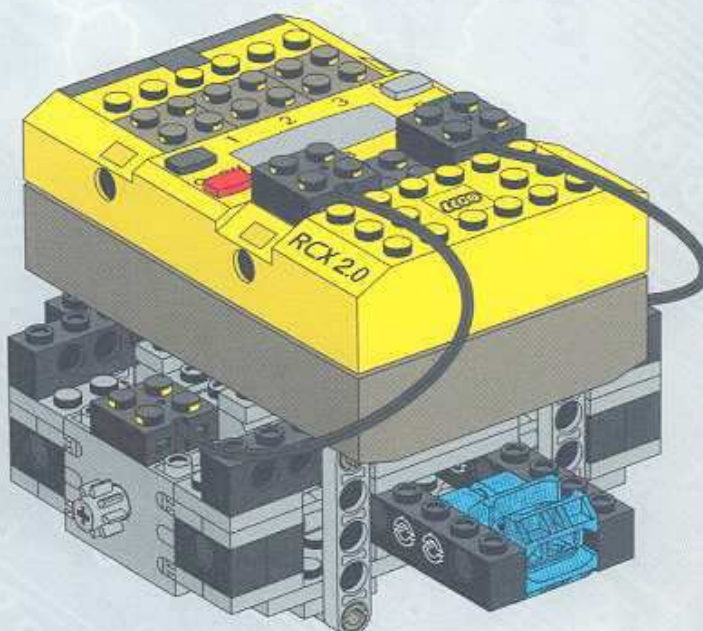
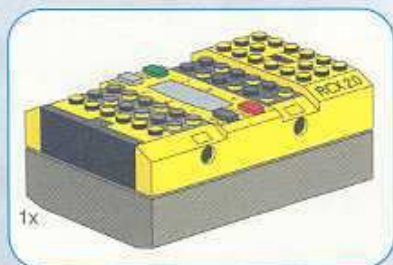




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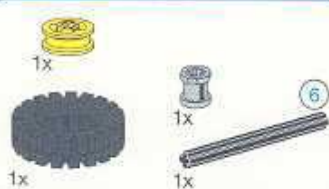
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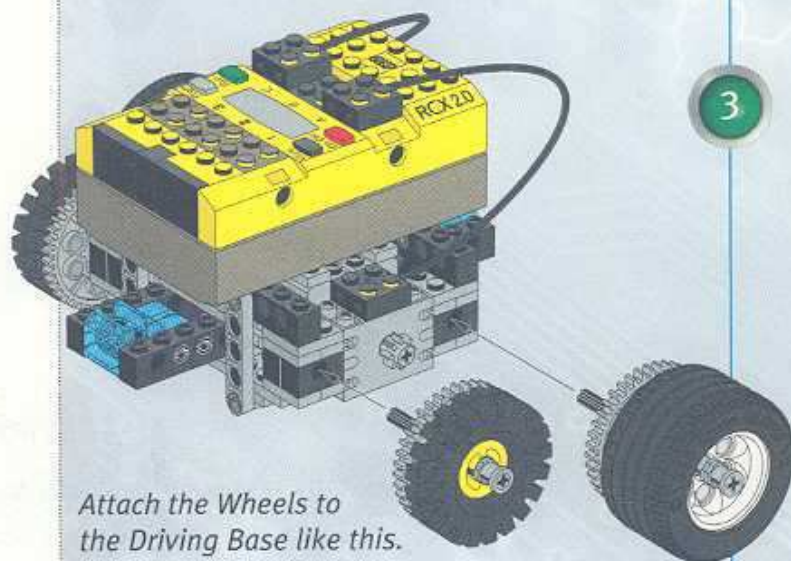
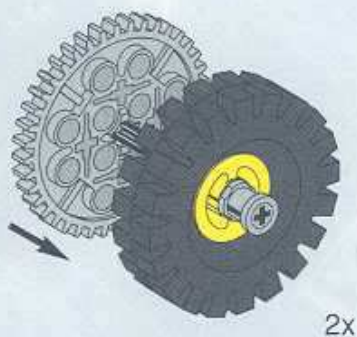
*This is the Driving Base for the Roverbot. Be sure to attach the wires as shown.*

# Wheel Sets

1



2



Attach the Wheels to the Driving Base like this.

If you have not yet built the Driving Base, go to page 12.

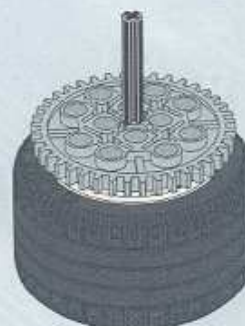
1



2



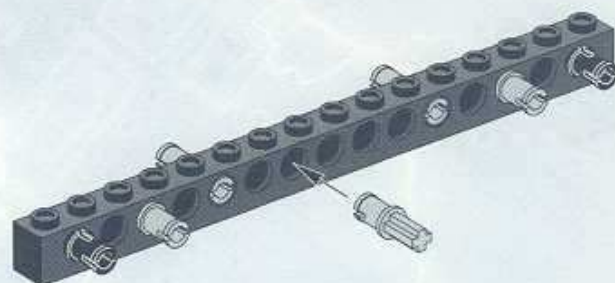
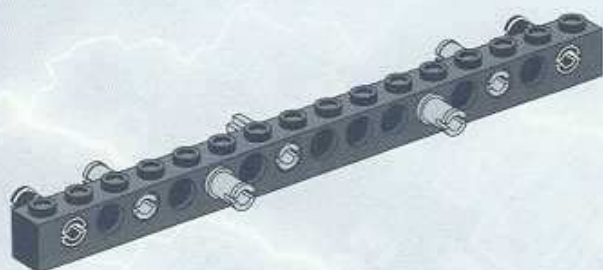
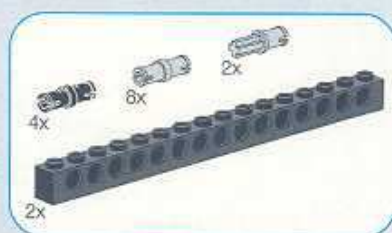
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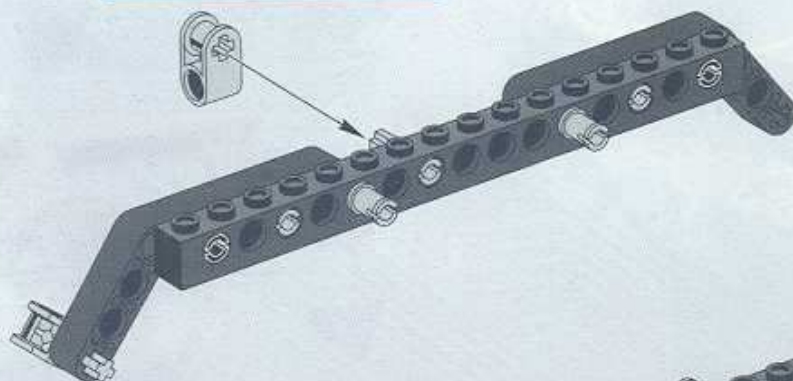
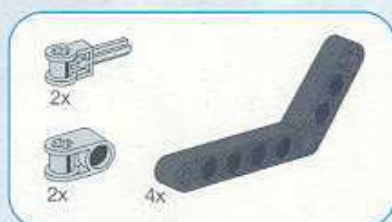


# Legs

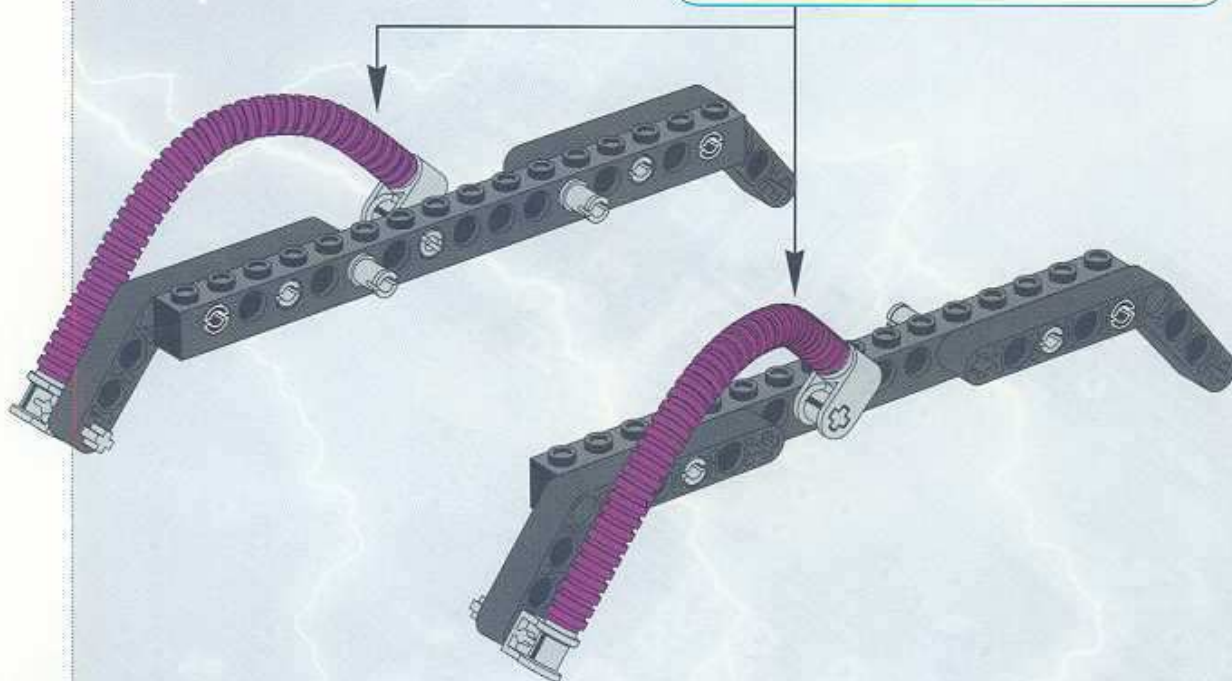
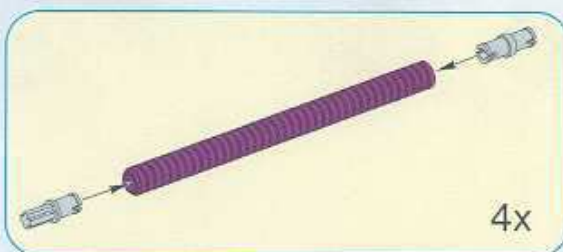
1



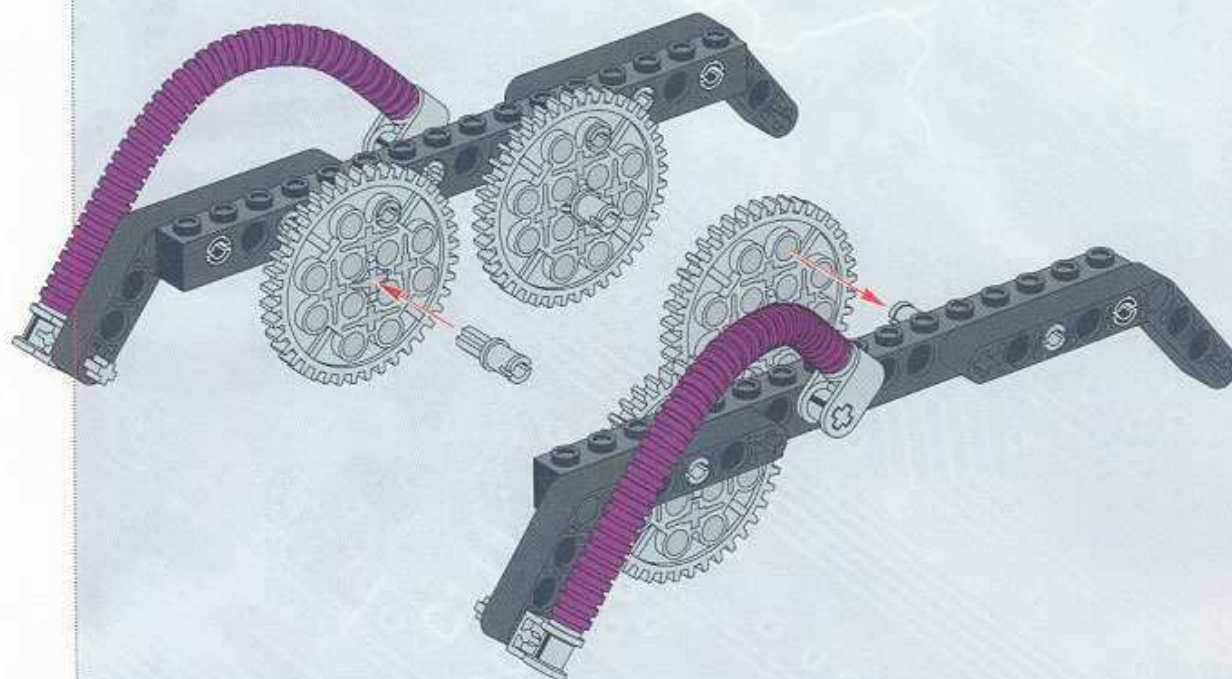
2



3

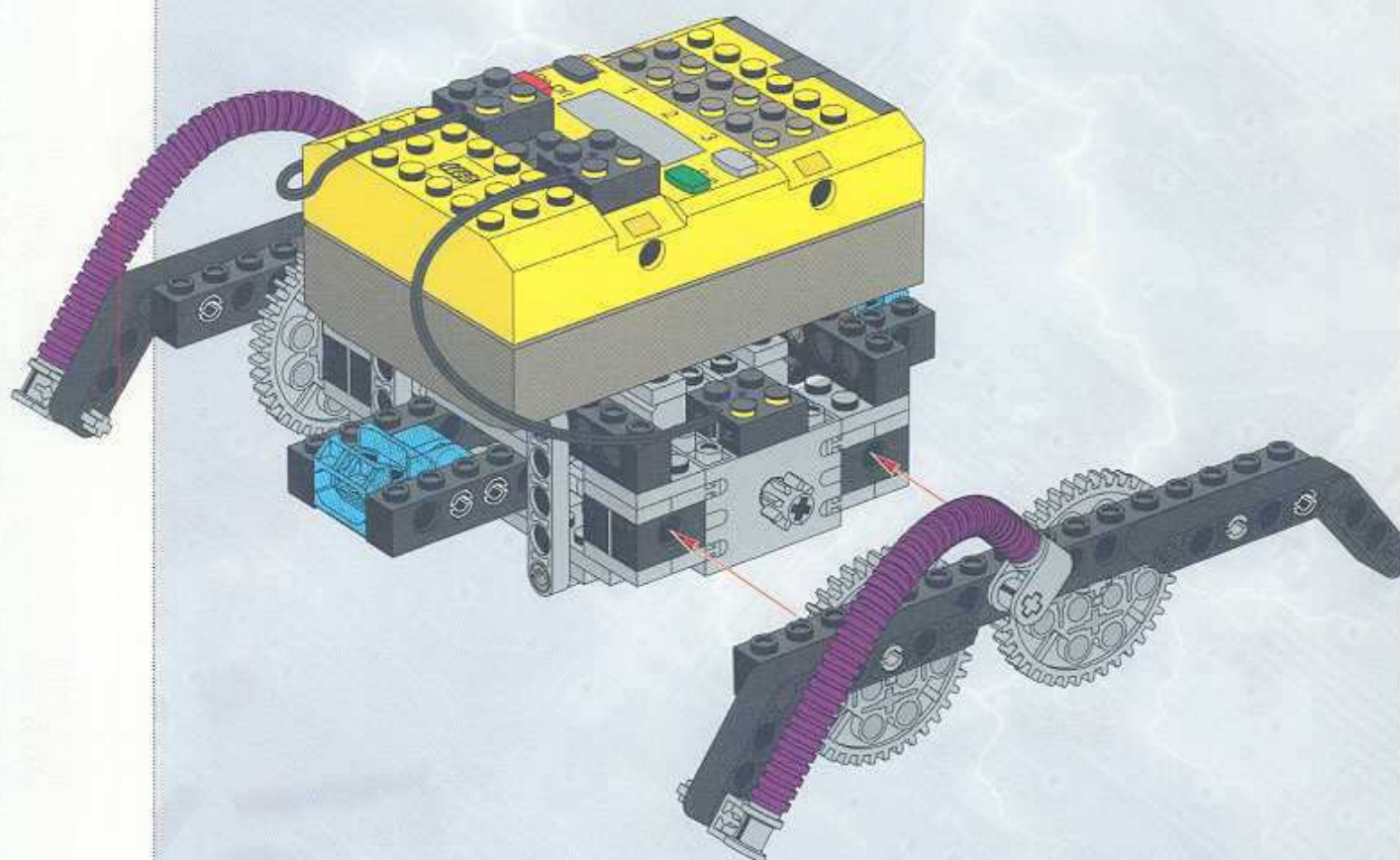


4





5



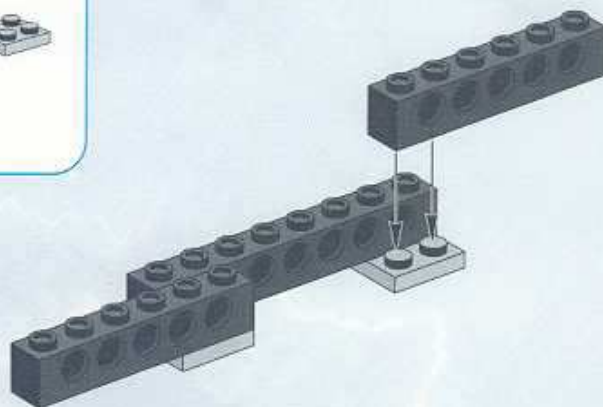
*Attach the Legs to the Driving Base like this.*

*If you have not yet built the Driving Base,  
go to page 12.*

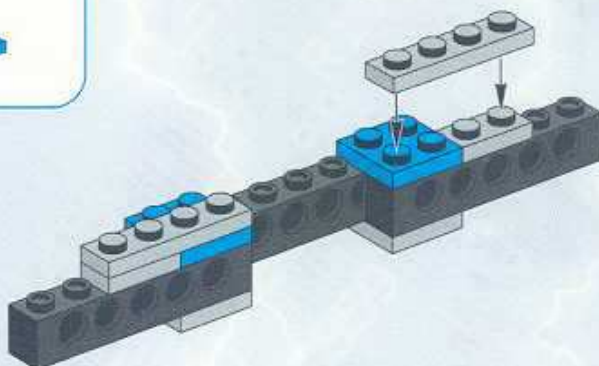
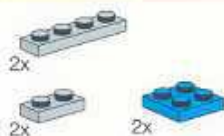
# Tracks

These building instructions show you how to make one of the two tracks. As you need two, do these building steps twice.

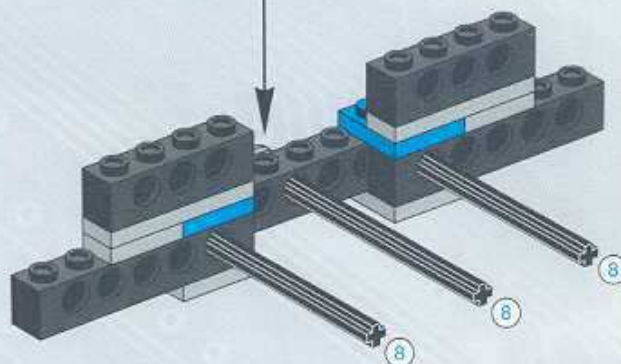
1



2



3







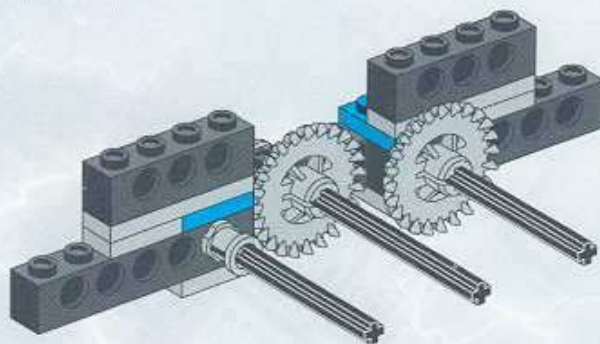
4



2x



1x



5



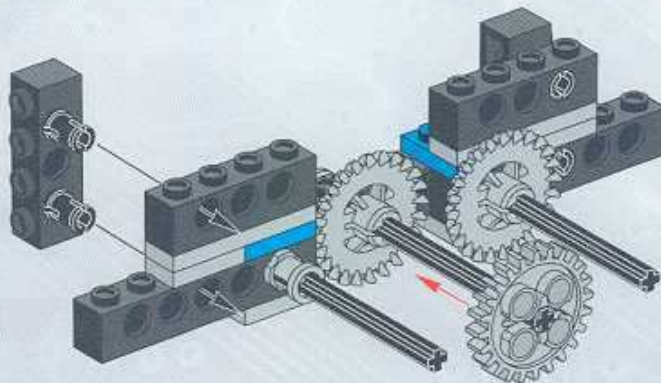
4x



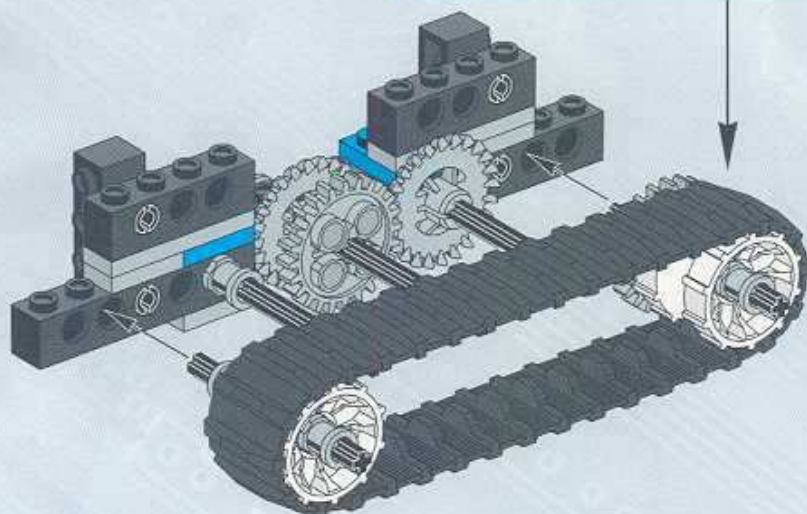
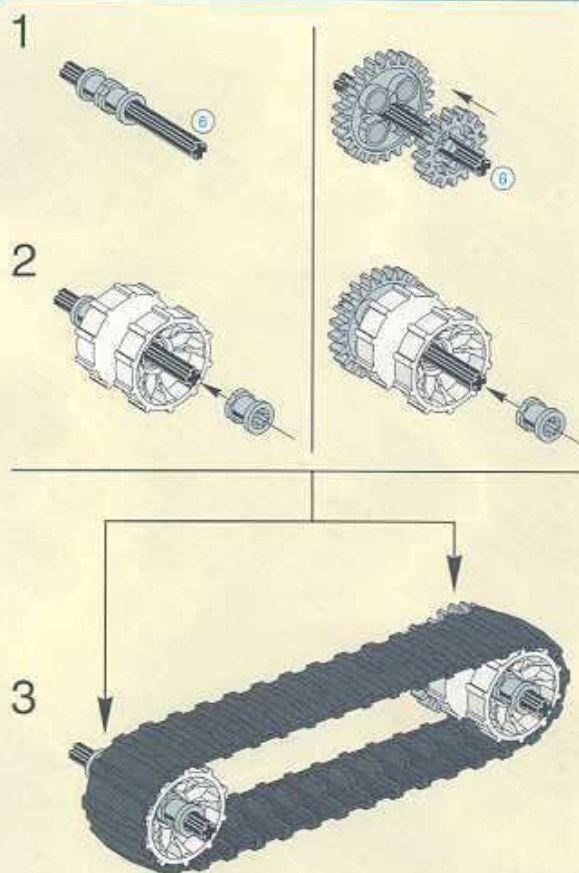
2x



1x



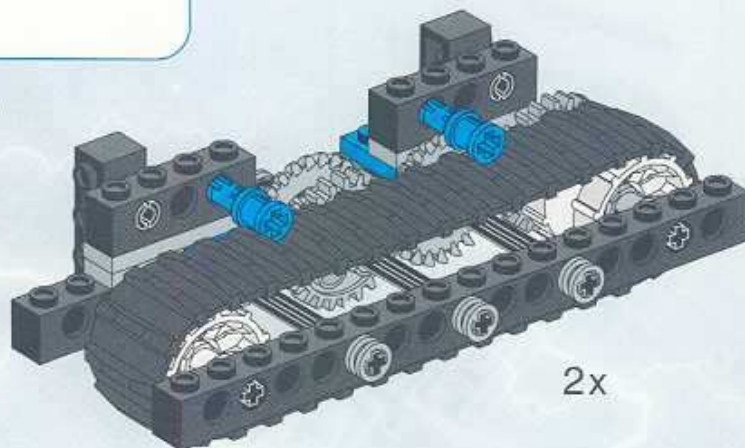
6





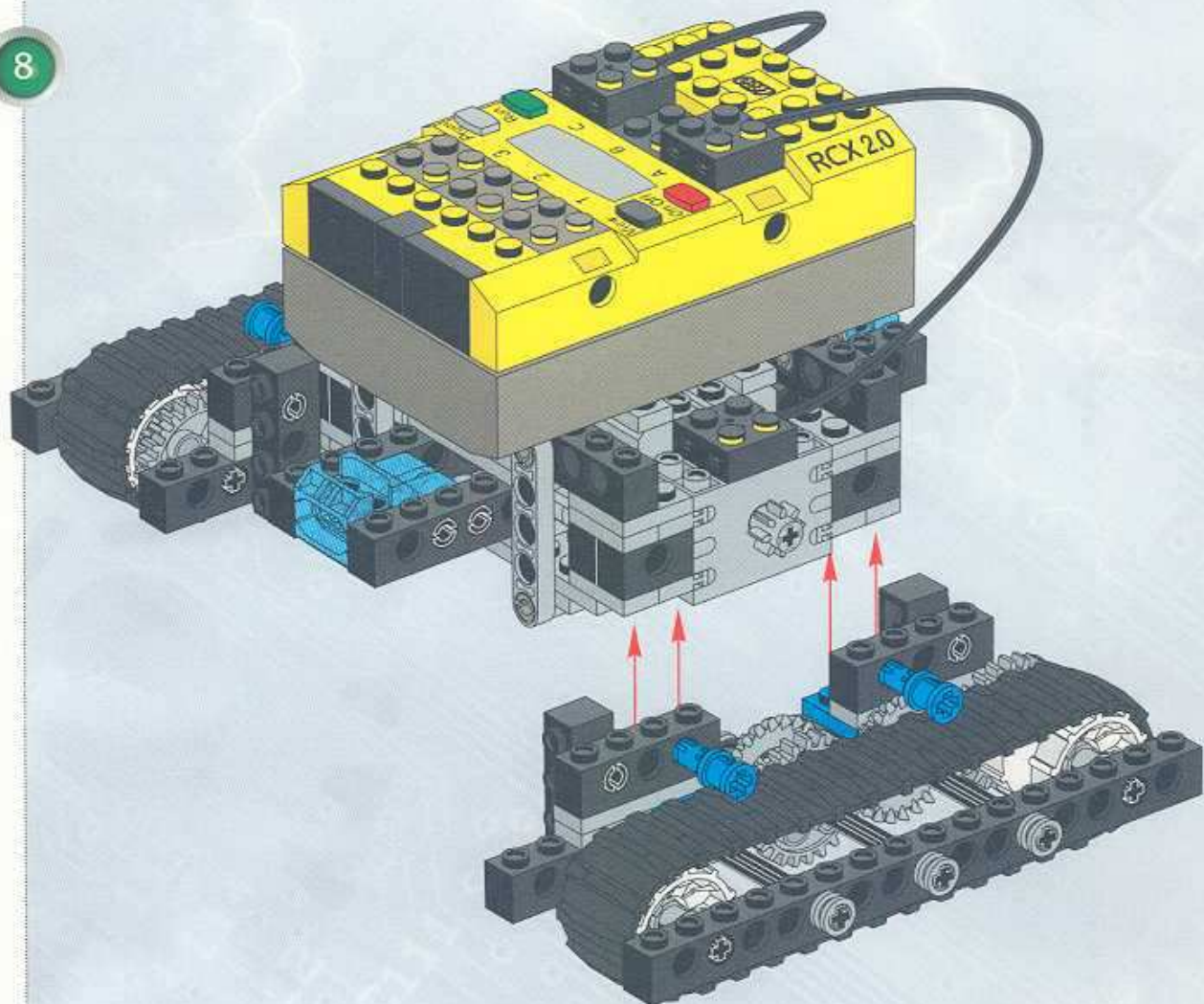


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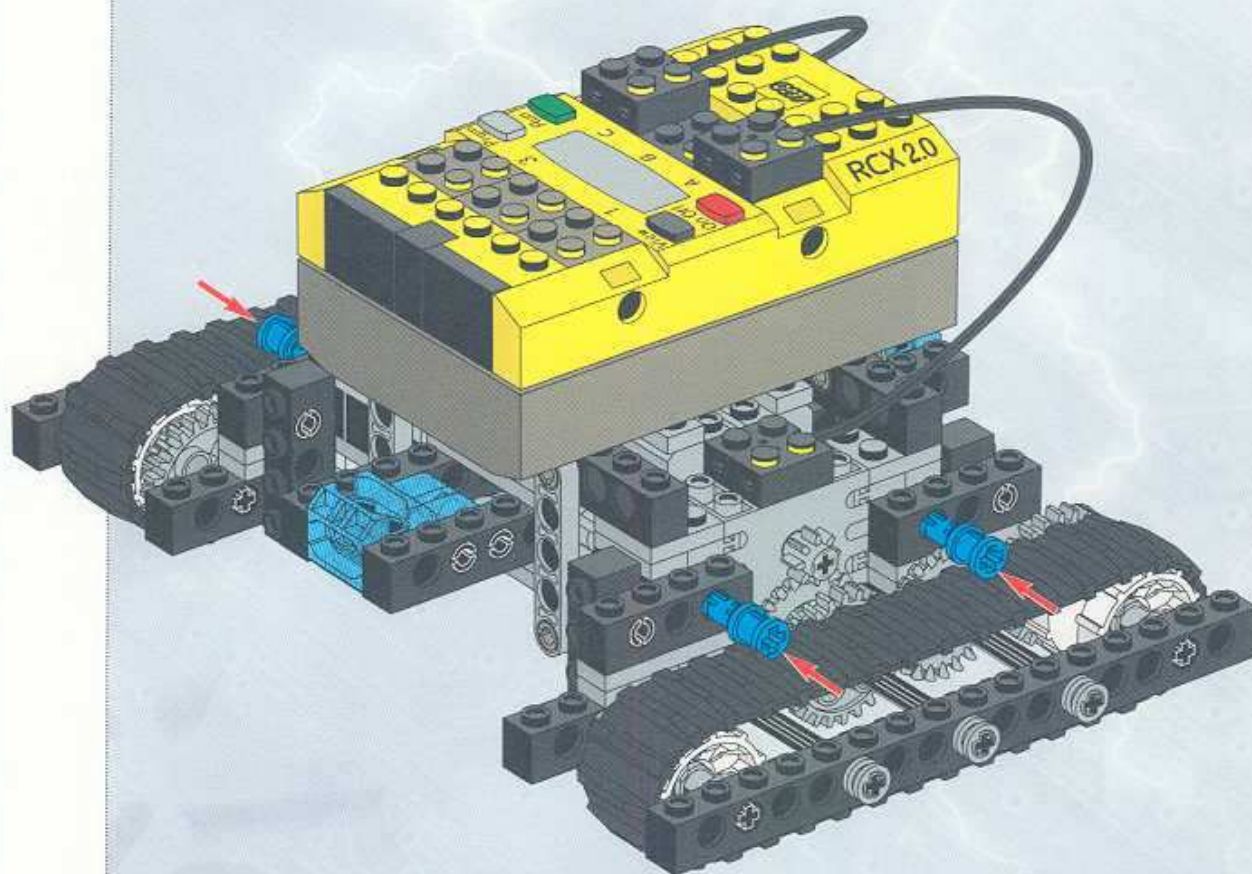


2x

8



9



*Attach the Tracks to the Driving Base like this.*

*If you have not yet built the Driving Base,  
go to page 12.*