



Mine Shaft de
Marble Mania de Techno Gears

INSTRUCTION MANUAL
MANUAL DEL USUARIO

Thank you for your purchase of Techno Gears Marble Mania Mine Shaft!

Included in this instruction manual you will find the following:

- A list of components
- A step by step guide on how to assemble Techno Gears Marble Mania Mine Shaft

Techno Gears Marble Mania Mine Shaft is a constructive building experience recommended for a child to construct with an adult. Please allow a minimum of 4 to 6 hours for completion. Have great "learning fun" with Techno Gears Marble Mania Mine Shaft!

Gracias por haber adquirido el Mine Shaft de Marble Mania de Techno Gears!

Dentro de este Manual usted podra encontrar lo siguiente:

- Lista de contenido del producto
- Manual detallado de instrucciones para la construcción del Mine Shaft de Marble Mania de Techno Gears

Mine Shaft de Marble Mania de Techno Gears es un juego de construcción educativo en el que se recomienda la participacion de un adulto. Por favor permita un minimo de 4 to 6 horas para la construccion de este producto. "Diviértase aprendiendo" con Mine Shaft de Marble Mania de Techno Gears!



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Battery Replacement Cambio de baterías

BATTERY INSTALLATION:

- Remove the battery cover at the bottom of the toy. Use a screwdriver to open the battery cover.
- Install the required batteries according to the diagram inside the battery compartment.
- Alkaline batteries are recommended.
- Replace and secure the battery cover.
- Batteries must be installed and replaced by an adult.

NOTICE CONCERNING BATTERIES:

- Do not use rechargeable batteries.
- Non-rechargeable batteries are not to be recharged.
- Do not mix old and new batteries.
- Batteries should be removed and replaced by adults only.
- Do not mix alkaline, standard (carbon zinc) or rechargeable (nickel cadmium) batteries.
- Only batteries of the same or equivalent type as recommended are to be used. Batteries are to be inserted according to the correct polarity (+ and -).
- Incorrect insertion can damage the unit, provoke fire or cause the batteries to explode.
- Exhausted batteries are to be removed from the unit.
- Remove batteries when the unit is not to be used for a long period of time.
- Do not throw batteries into a fire.
- Do not attempt to open normal or rechargeable batteries.
- The supply terminals are not to be short-circuited.
- Batteries are harmful if swallowed, so keep them away from young children.
- Never leave button-cell batteries within reach of young children.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

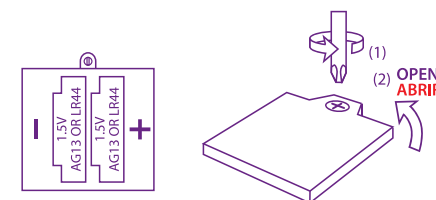
INSTALACIÓN DE LAS BATERÍAS:

- Quite la cubierta de las baterías en la parte inferior del juguete. Use un desarmador para abrir la cubierta de las baterías.
- Instale las baterías requeridas de acuerdo con el diagrama dentro del compartimiento para las baterías.
- Se recomienda usar baterías alcalinas.
- Vuelva a colocar y asegure la cubierta de las baterías.
- Las baterías deben ser instaladas y cambiadas por un adulto.

AVISO SOBRE LAS BATERÍAS:

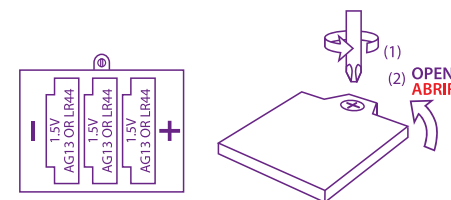
- No use baterías recargables.
- No recargue las baterías que no son recargables.
- No mezcle baterías usadas y nuevas.
- Únicamente un adulto debe sacar y cambiar las baterías.
- No mezcle baterías alcalinas, estándar (carbón-zinc) o recargables (níquel-cadmio).
- Sólo se deben usar baterías del mismo tipo o su equivalente, como se recomienda. Las baterías deben ser insertadas de acuerdo con la polaridad correcta (+ o -). La colocación incorrecta puede dañar la unidad, causar un incendio o que las baterías exploten.
- Debe sacar las baterías usadas de la unidad.
- Saque las baterías cuando no vaya a utilizar la unidad por un largo periodo de tiempo.
- No tire las baterías en fuego.
- No intente abrir las baterías normales o recargables.
- No debe causar cortos circuitos en las terminales de alimentación.
- Las baterías son dañinas si se tragan, por lo que debe conservarlas fuera del alcance de niños pequeños.
- Nunca deje las baterías de botón dentro del alcance de niños pequeños.

Flashing LED light - Part 61
Luz LED Intermitente - Parte 61



Flashing light uses 2 button cell batteries (AG13 or LR44), included.
La luz intermitente requiere 2 baterías tipo botón (AG13 o LR44), incluidas.

Flashing LED light w/ sound - Part 83
Luz LED Intermitente con sonido - Parte 83



Flashing light w/ sound uses 3 button cell batteries (AG13 or LR44), included.
La luz intermitente con sonido requiere 3 baterías tipo botón (AG13 o LR44), incluidas.

Motorized gear - Part 39
Engranaje motorizado - Parte 39



Motorized gear uses 1 "AA"(UM3/LR6) battery, not included.
Engranaje motorizado requiere 1 pila tamaño "AA" (UM3/LR6), no incluidas.

Parts and Accessories

Color of pieces may vary

Partes y Accesorios

El color de las piezas puede variar



(3) x 6

assorted colors
colores surtidos

(4) x 4

assorted colors
colores surtidos



(87) x 3

assorted colors
colores surtidos

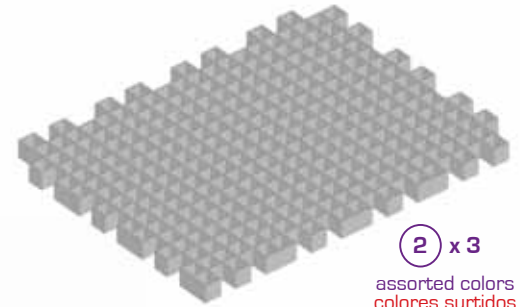
(5) x 4

assorted colors
colores surtidos



(35) x 10

assorted colors
colores surtidos



(2) x 3

assorted colors
colores surtidos



(13) x 169



(22) x 2

assorted colors
colores surtidos



(15) x 2



(14) x 31



(9) x 93



(10) x 41



(11) x 30



(12) x 40

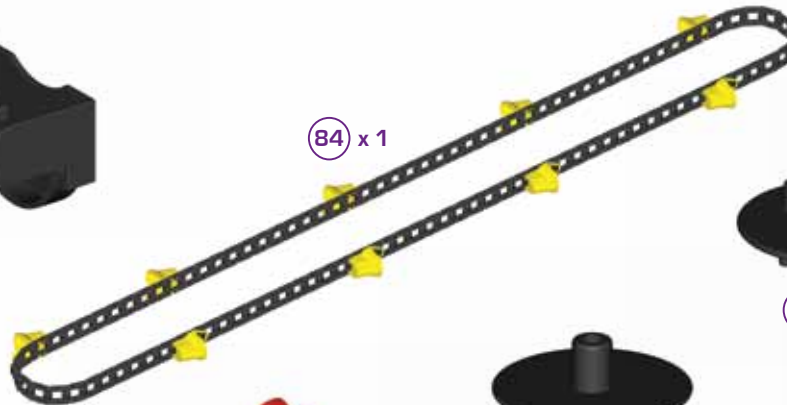


(83) x 1



(17) x 7

(84) x 1



(16) x 61



(7) x 3



(61) x 1



(39) x 1



(73) x 12



(8) x 4



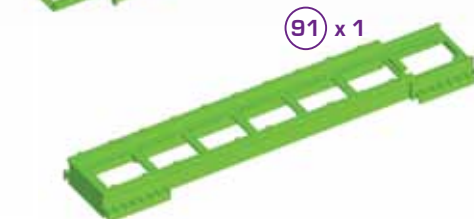
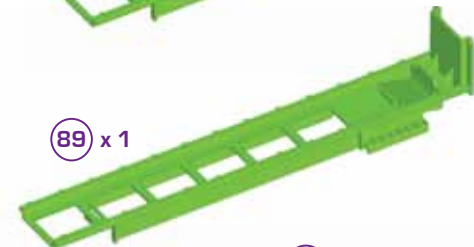
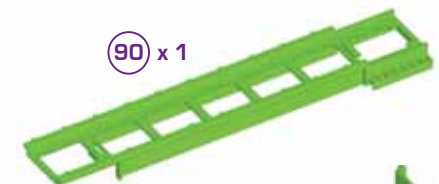
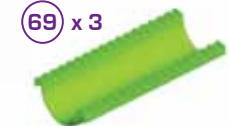
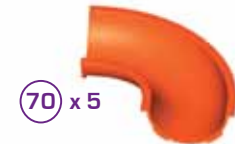
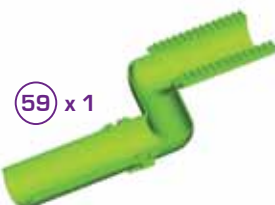
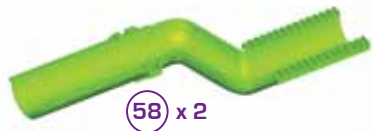
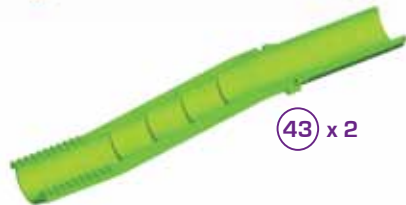
(6) x 20

Parts and Accessories

Color of pieces may vary

Partes y Accesorios

El color de las piezas puede variar



Getting Started

Additional information for parents and kids

Inicio

Información adicional para padres y niños

Parts Count Conteo de Partes

13 X 6 On the side of each construction step, a panel will show the exact number of parts needed to complete the steps shown. Refer to this count when needed.

10 X 9 A un lado de cada uno de los pasos de construcción se mostrará un panel mostrando el número exacto de las partes que se necesitarán para completar el paso que se muestra. Haga referencia a este número cuando sea necesario.

9 X 6

Things to Know Cosas que debes saber

Q: Do I have to count my parts?

A: Yes. This ensures that your track can operate properly.

Q: My colors don't match the illustration. Do I have the correct parts?

A: Yes. Colors of pieces may vary.

Insert batteries into your electronic components first.

Only use marbles supplied with build.

P: ¿Tengo que contar mis partes?

R: Sí. Esto asegura que tu pista pueda funcionar correctamente.

P: Mis colores no concuerdan con la ilustración. ¿Tengo las partes correctas?

R: Sí. Los colores de las piezas pueden variar.

Introduce las baterías en los componentes eléctricos primero.

Utiliza las canicas que se incluyen únicamente.

Before You Begin Antes de Empezar

Before you begin construction on Techno Gears Marble Mania Mine Shaft, carefully sort and be sure the correct number of pieces are included. Refer to PARTS AND ACCESSORIES piece count on page 4 and 5.

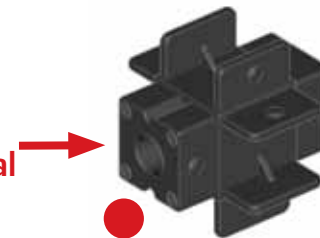
Antes de que inicie con la construcción del Mine Shaft de Marble Mania de Techno Gears, deberá clasificar cuidadosamente y asegurarse de que el número correcto de piezas está incluido. Para la referencia del número de PARTES Y ACCESORIOS consulte las páginas 4 y 5.

6 way connectors Conectores de 6 vías

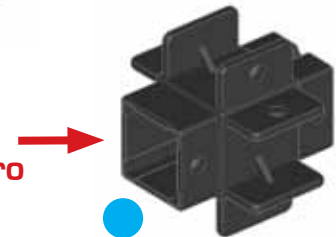
6 way connectors (part ⑬) have multiple connecting ends. Make sure part is placed onto Marble Mania Mine Shaft correctly as illustrated in each specific image step.

Asegúrese de que los conectores de 6 entradas (parte ⑬). Han sido colocados correctamente sobre el Mine Shaft de Marble Mania de Techno Gears, tal y como se muestra en cada una de las ilustraciones.

Front side
Lado frontal



Back side
Lado trasero



When specific placement of the 6 way connector is required, blue and red dots will be shown in the instructions, indicating the required direction of the front and/or back of the 6 way connector.

Cuando se requiere la colocación específica del conector de 6 vías, aparecerán puntos azules y rojos en las instrucciones indicando la dirección requerida de la parte frontal y/o trasera del conector de 6 vías.



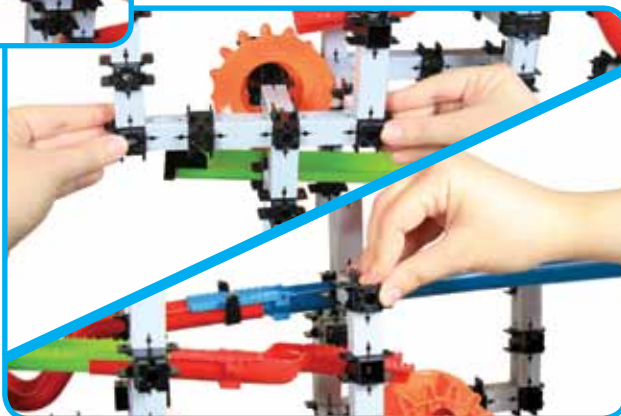
If the chain is loose the motor will not work properly. Straighten the build structure to ensure proper alignment.

Si la cadena está floja, el motor no funcionará correctamente. Endereza la estructura de construcción para asegurar una alineación correcta.



For correct alignment of both horizontal and vertical connectors, secure connections by pressing together tightly.

Para la alineación correcta de los conectores horizontal y vertical, asegura las conexiones al presionarlas entre sí con firmeza.



Part 73

Step 1: Attach part 73 by first clipping it to one side of the connecting channels.

Parte 73

Paso 1: Fije la parte 73 insertándola primero en uno de los extremos de los canales de conexión.



Step 2: Snap the other end of part 73 to secure the other side of the connecting channels.

Paso 2: Inserte el otro extremo de la parte 73 para asegurar el otro lado de los canales de conexión.

Helpful Hints Consejos Útiles



Remove part 19 by snapping it off at an angle as shown.

Quite la parte 19 al zafarla en ángulo como se muestra.

For further detailed instructions, please visit us at:
www.TechnoGearsMarbleMania.com

View a detailed 3D animation of this Techno Gears Marble Mania build and others.

Para instrucciones más detalladas, visítenos en:

www.TechnoGearsMarbleMania.com

Ve una animación en 3D detallada de esta construcción de Techno Gears Marble Mania y otras más.

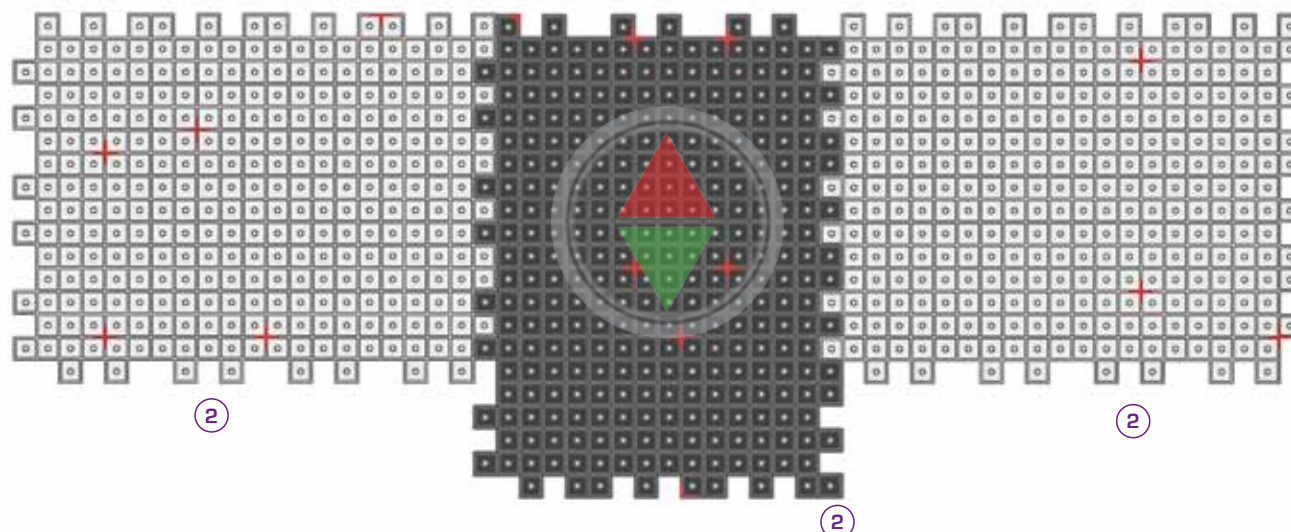
Building Marble Mania

Construye el Marble Mania

Quick Tip Consejo Rápido

1. Make sure all base plates are facing the same direction. Base plates direction is labeled on the reverse side.
2. Use below diagram and color paint marks to place connectors in proper location on base plates, ensuring proper operation.
3. Make sure unit is built on a flat surface.

1. Asegúrese que todas las platáformas de la base hayan sido colocadas hacia la misma dirección.
2. Usa el siguiente diagrama y marcadores de color para colocar los conectores en el lugar correcto en las placas base, asegurando así su operación correcta.
3. Asegúrese de que la estructura es construida en una superficie plana.



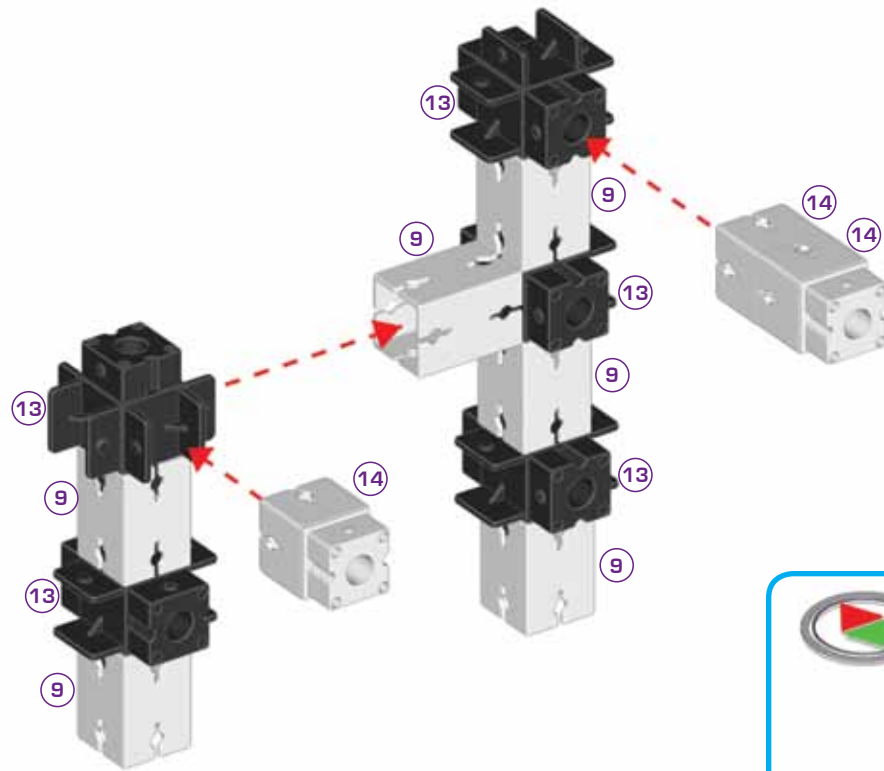
Note: A compass icon on the page indicates the current direction of the base. The red arrow always indicates the top edge of the base (as shown above).

Nota: El icono de una brújula en la página indica la dirección actual de la base. La flecha roja siempre indica la orilla superior de la base (como se indica arriba).



Note: An exclamation mark on the page indicates to take note. The note could be a direction change, specific areas where parts need to be connected or a clip position on a track. For example,  indicates the third slot position is required for a part placement.

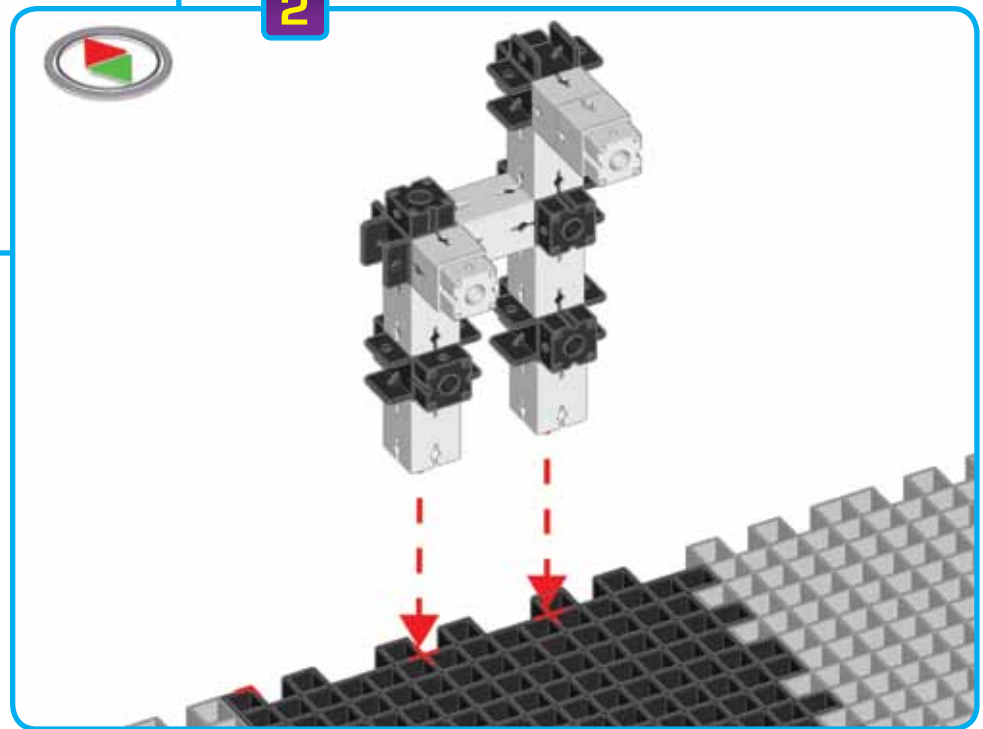
Nota: Un signo de exclamación en la página indica que se debe tomar nota. La nota puede ser un cambio de dirección, áreas específicas donde se necesita conectar las partes, la posición de un clip en un riel. Por ejemplo, el  indica que se requiere la posición del tercer agujero para la colocación de una parte.

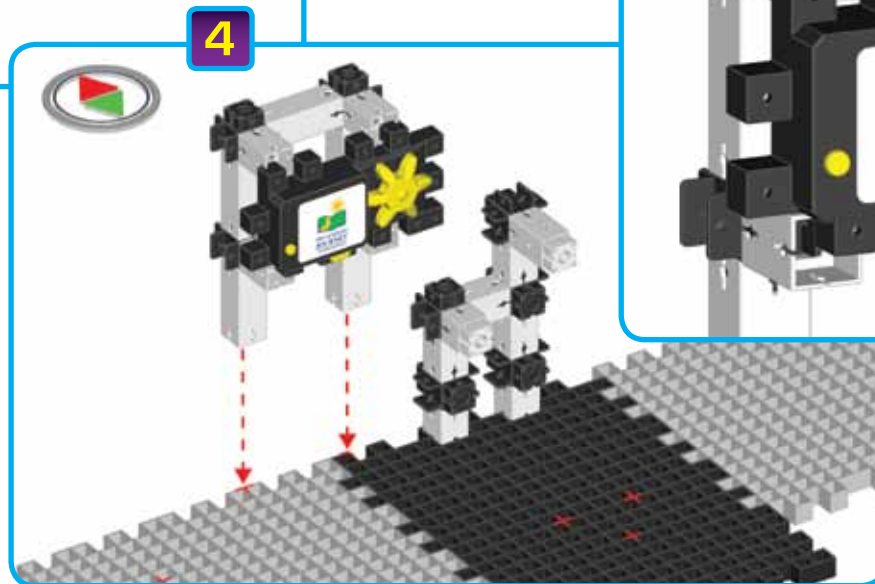
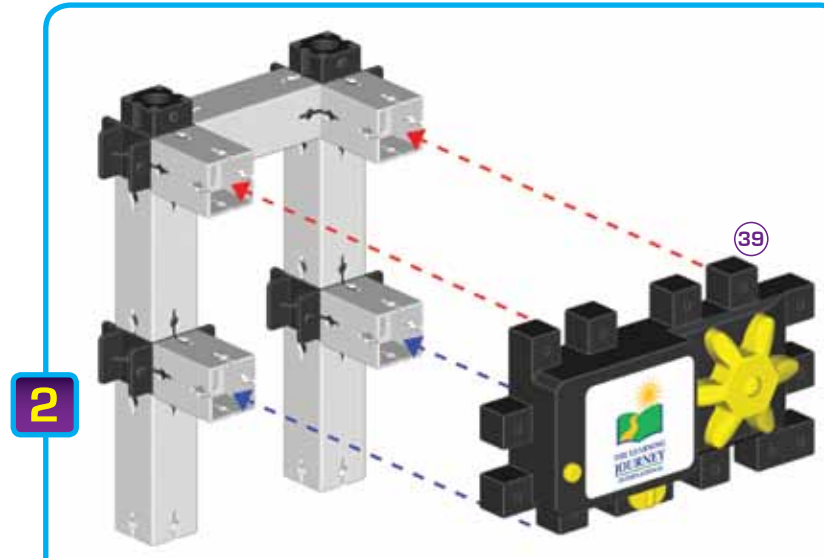
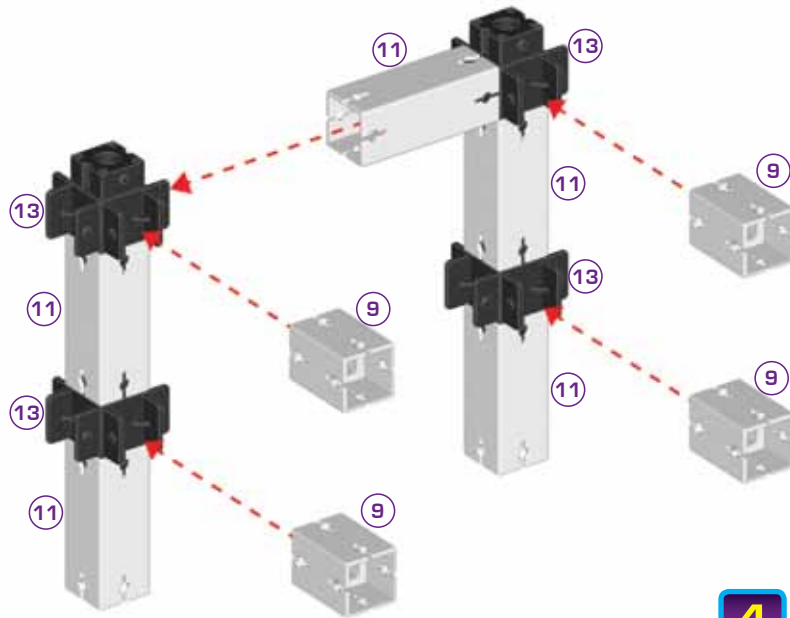


1



2







92 x 1

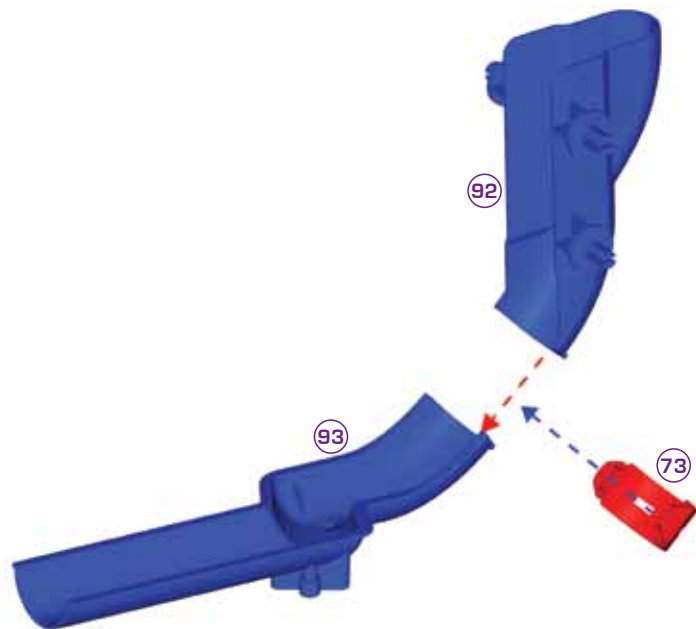


93 x 1



73 x 1

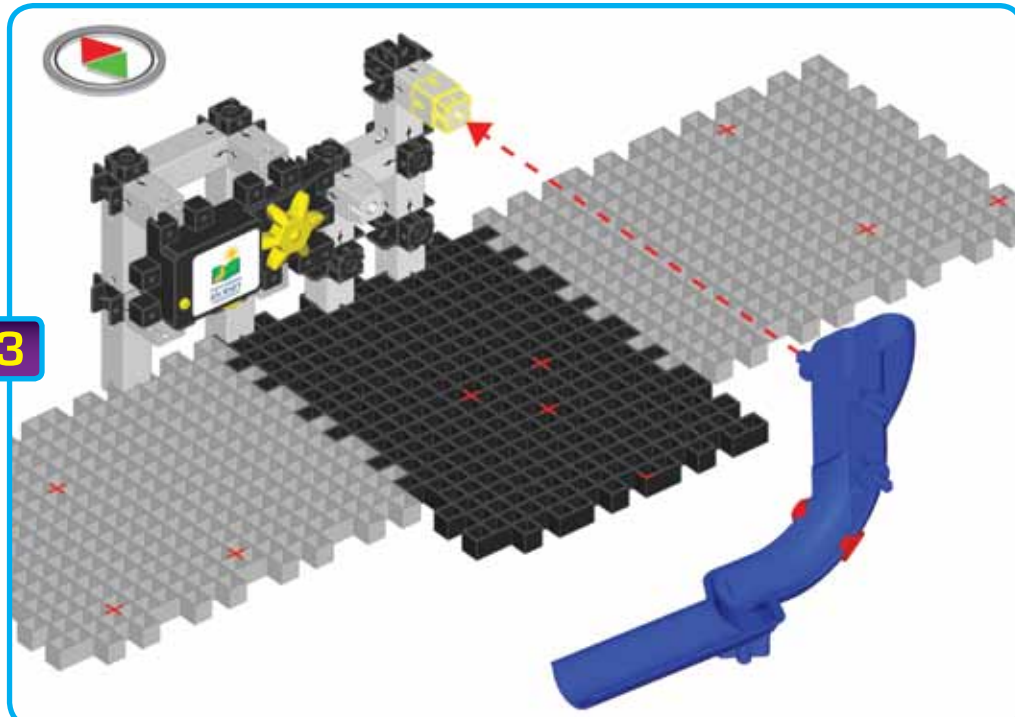
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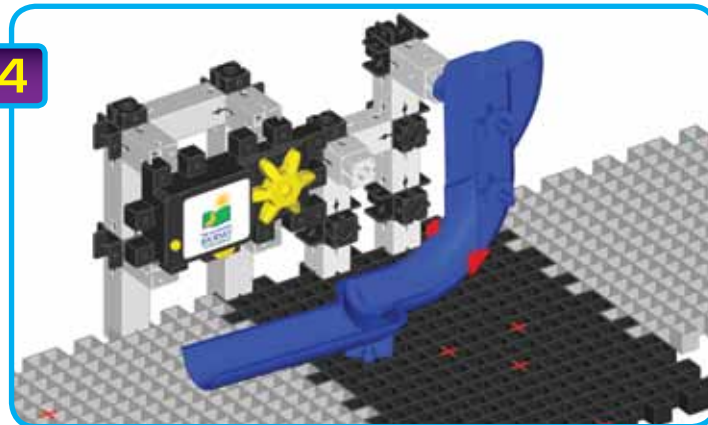
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3



4





6 x 1



7 x 3



8 x 1



3 x 1



4 x 1

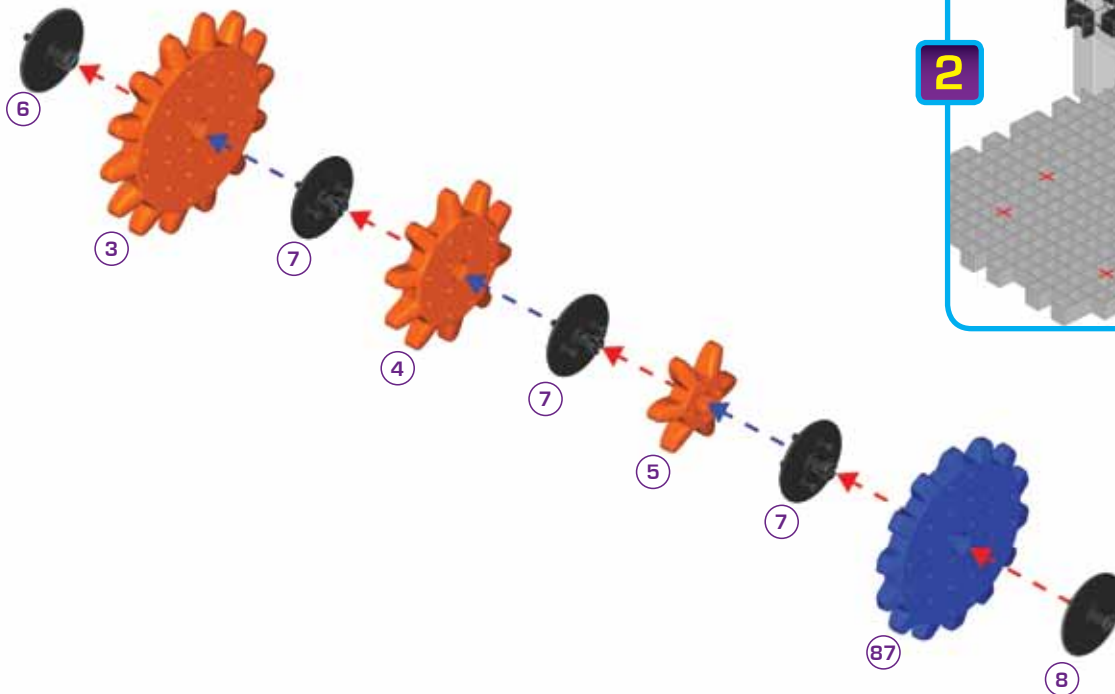


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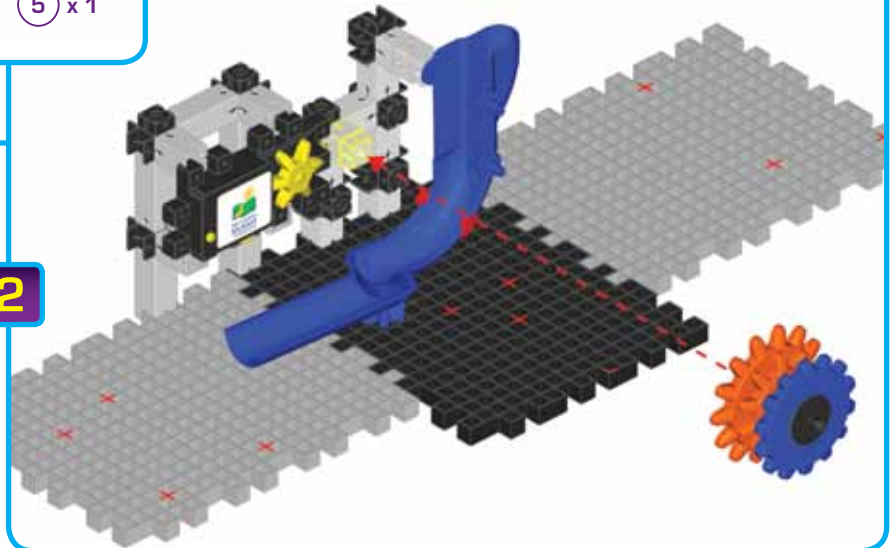


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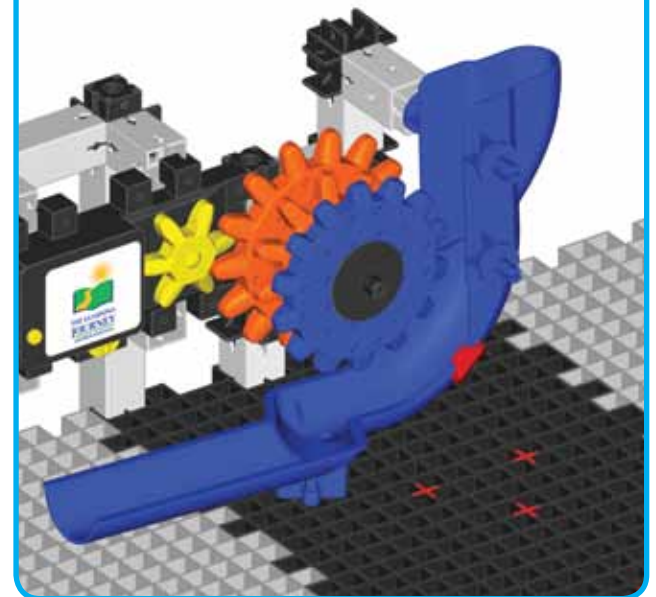
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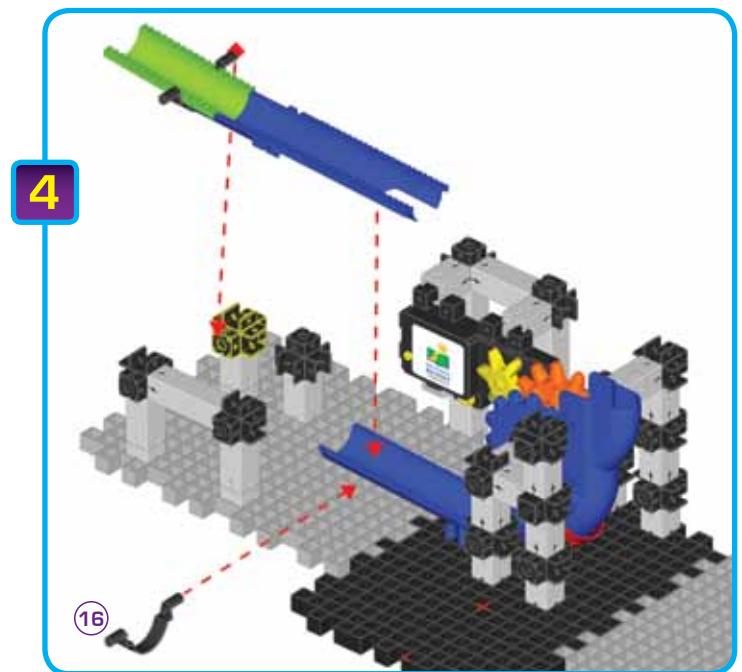
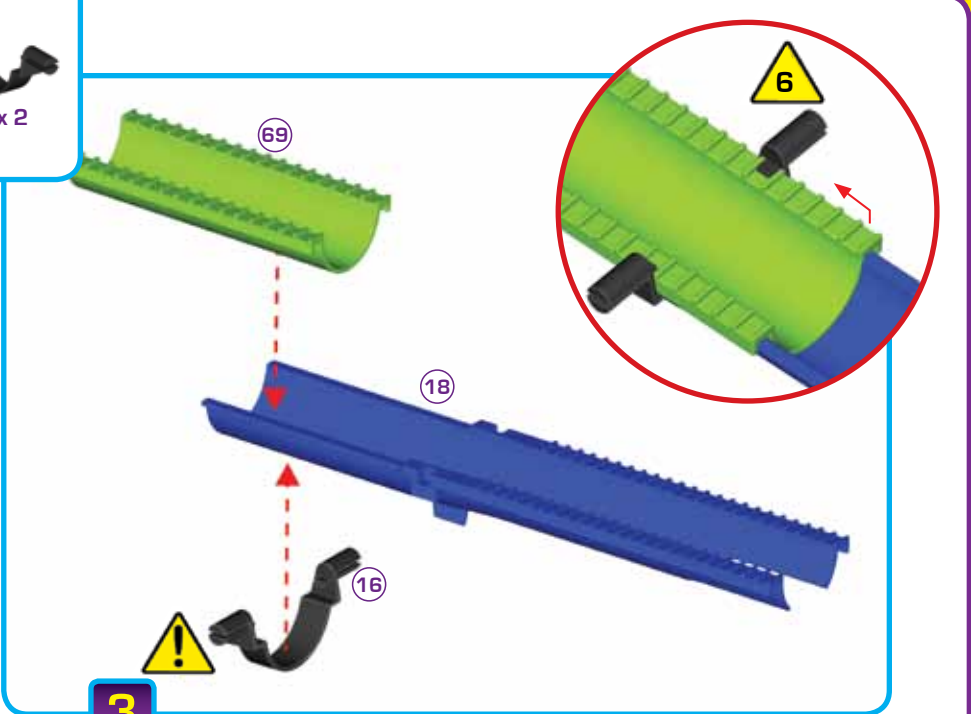
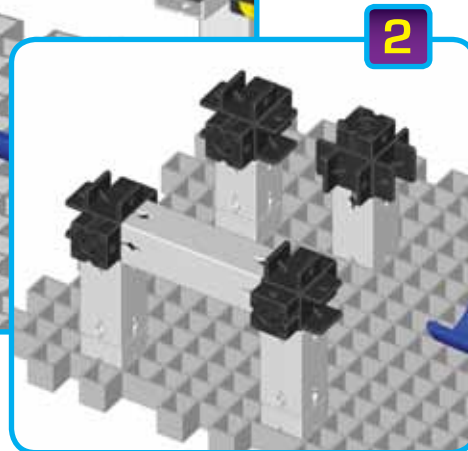
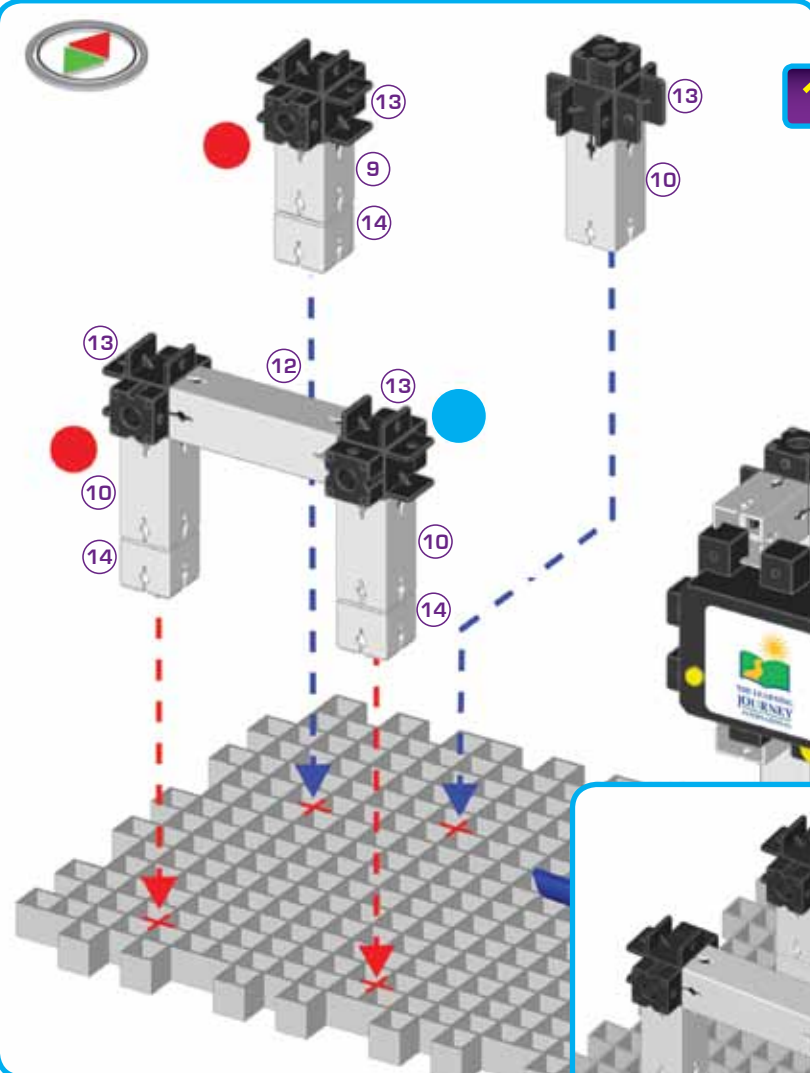
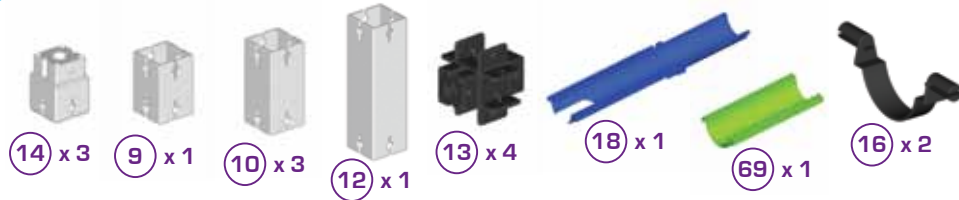
2



3









(73) x 1



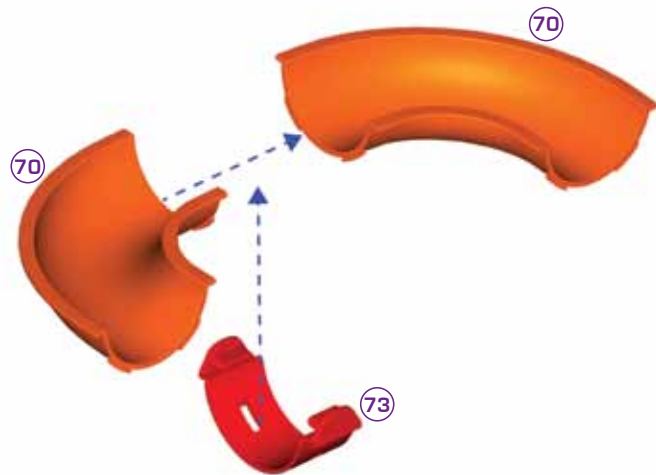
(70) x 2



(69) x 1

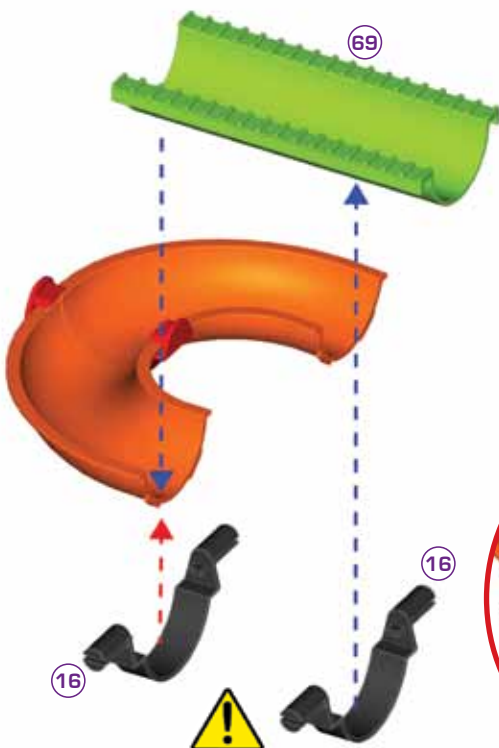
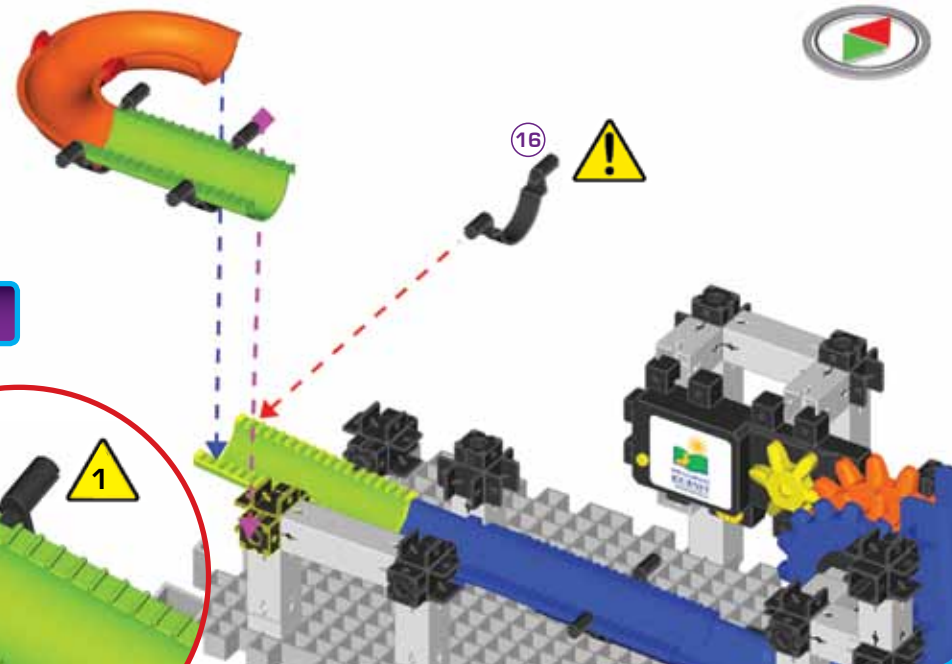


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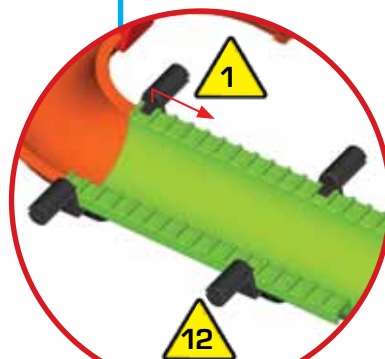


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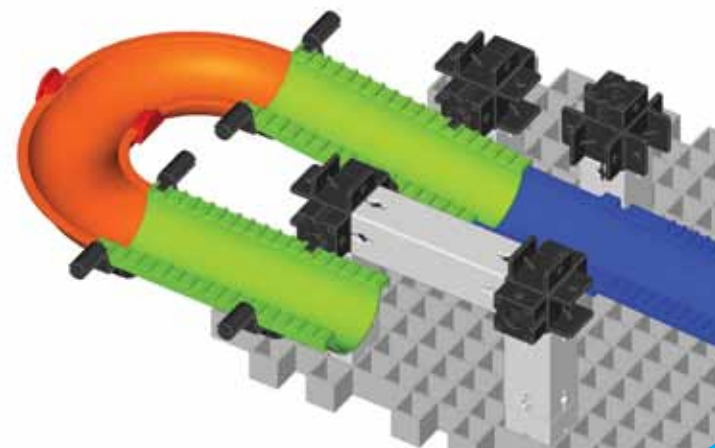
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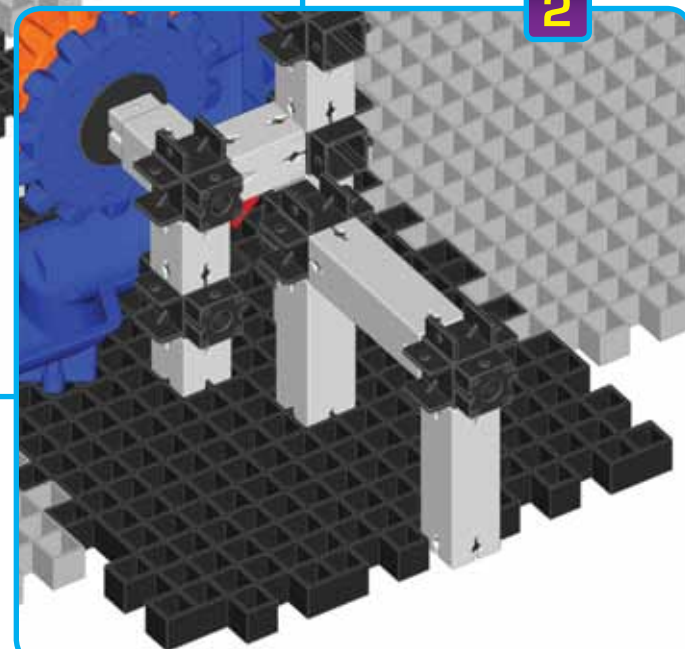
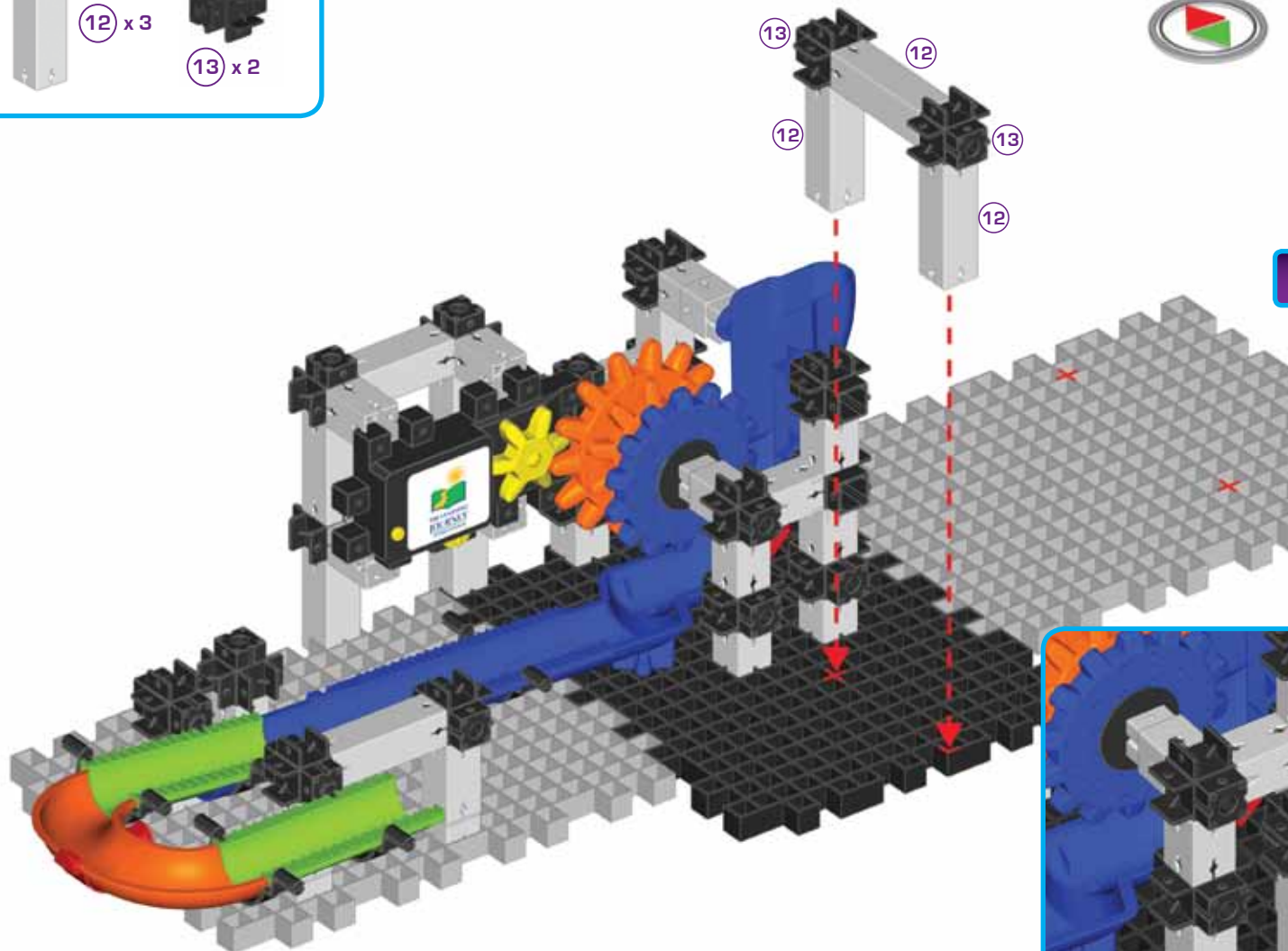


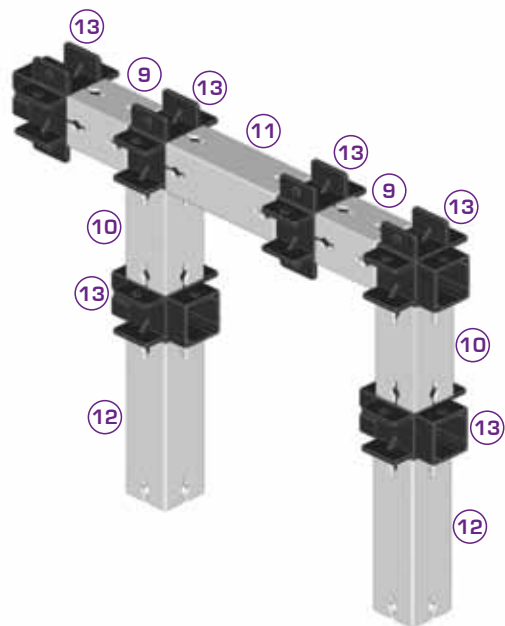


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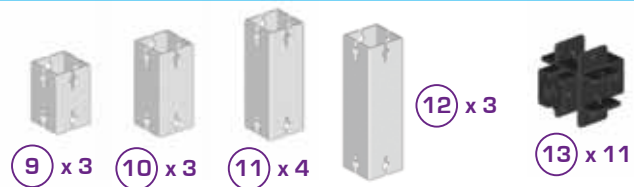


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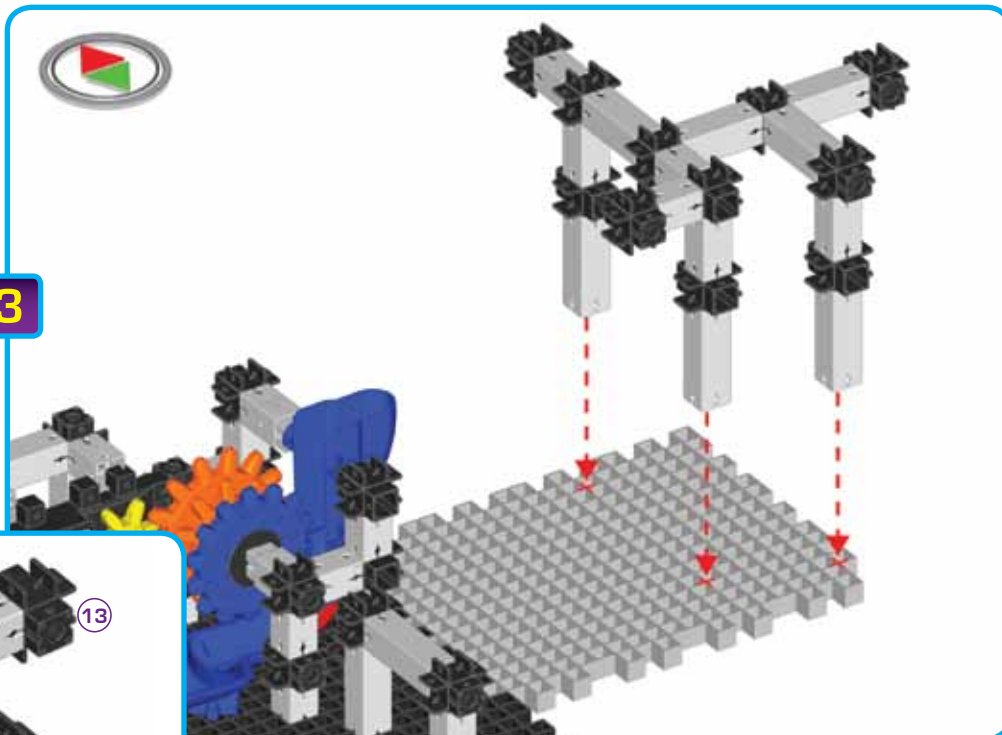




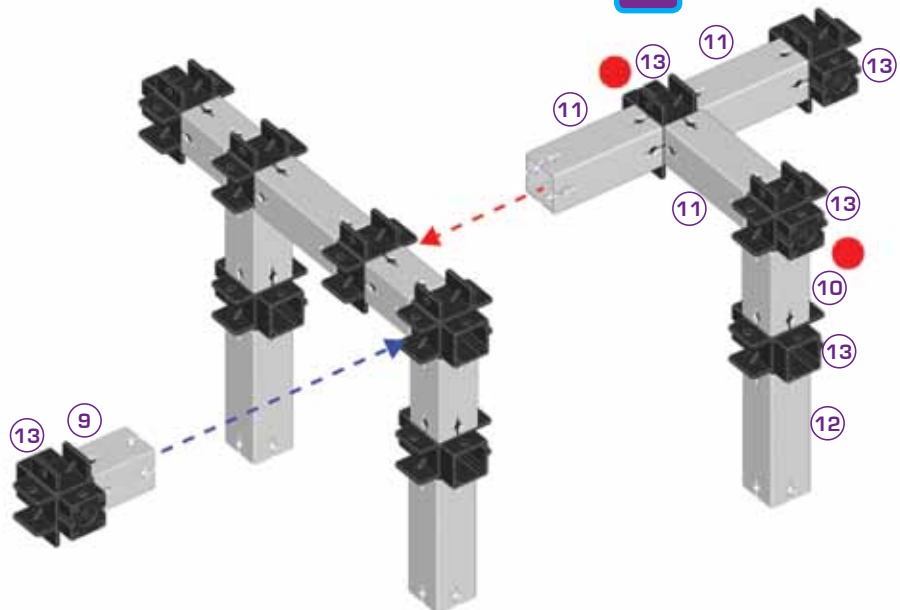
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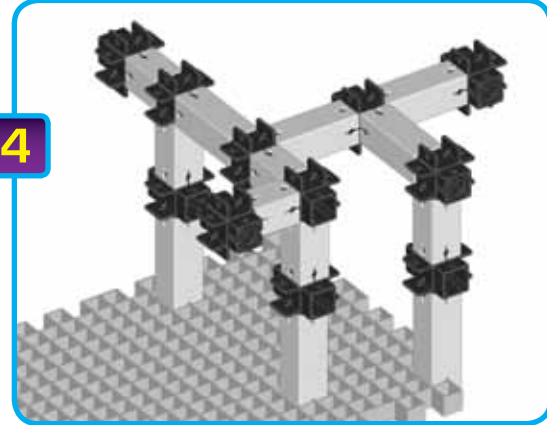
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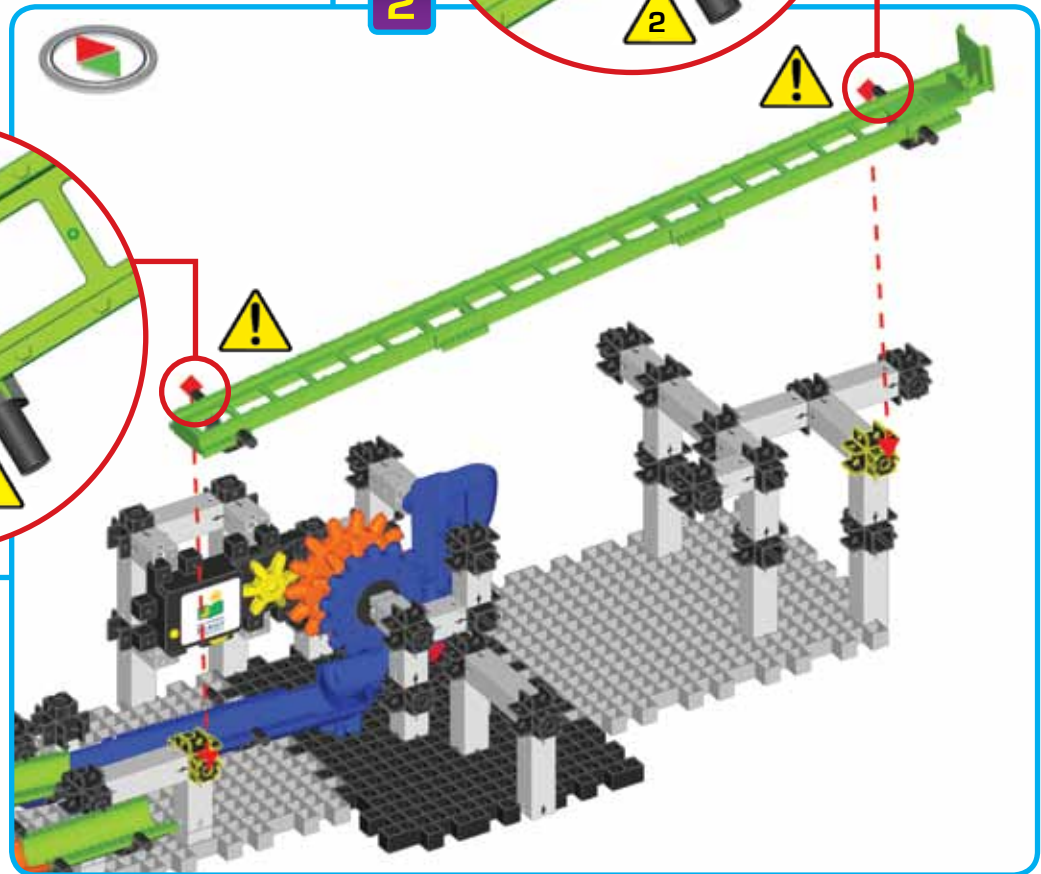
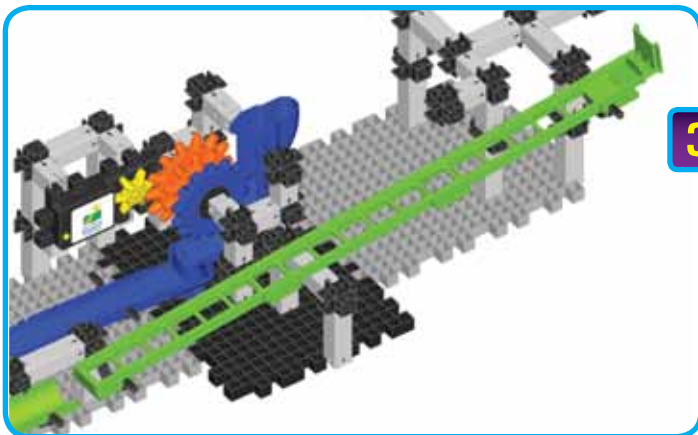
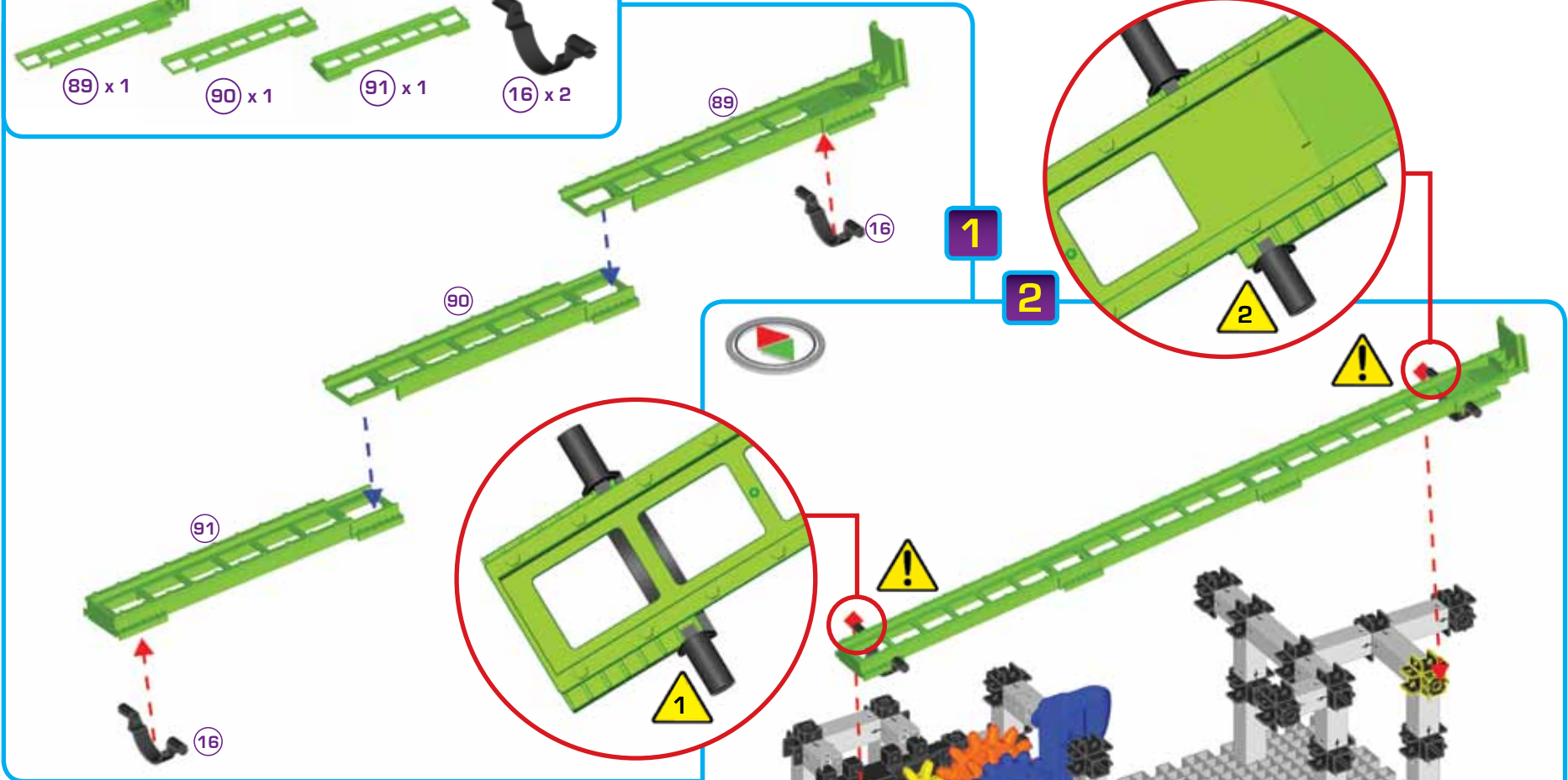
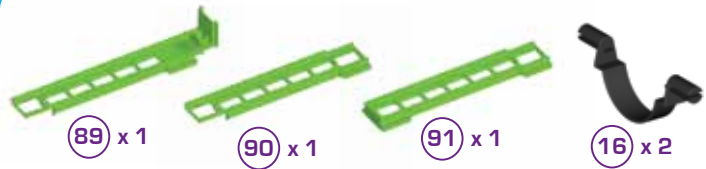


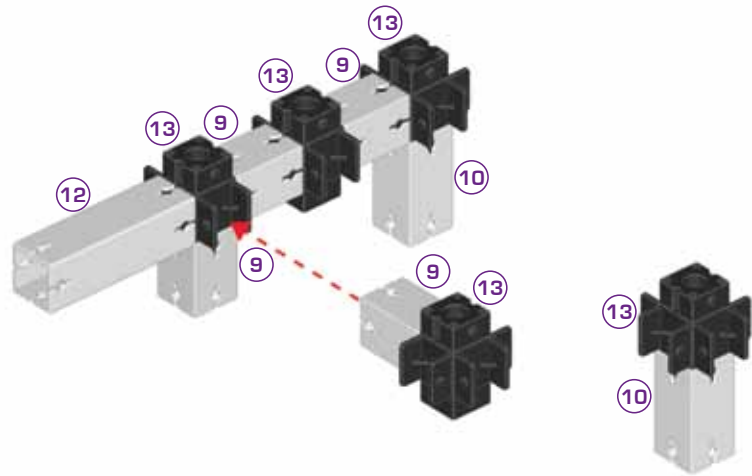
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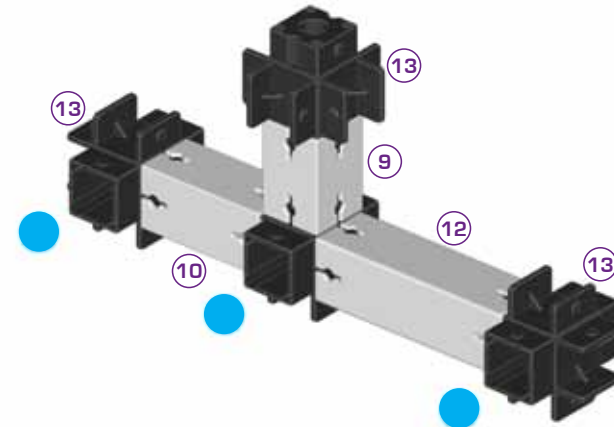
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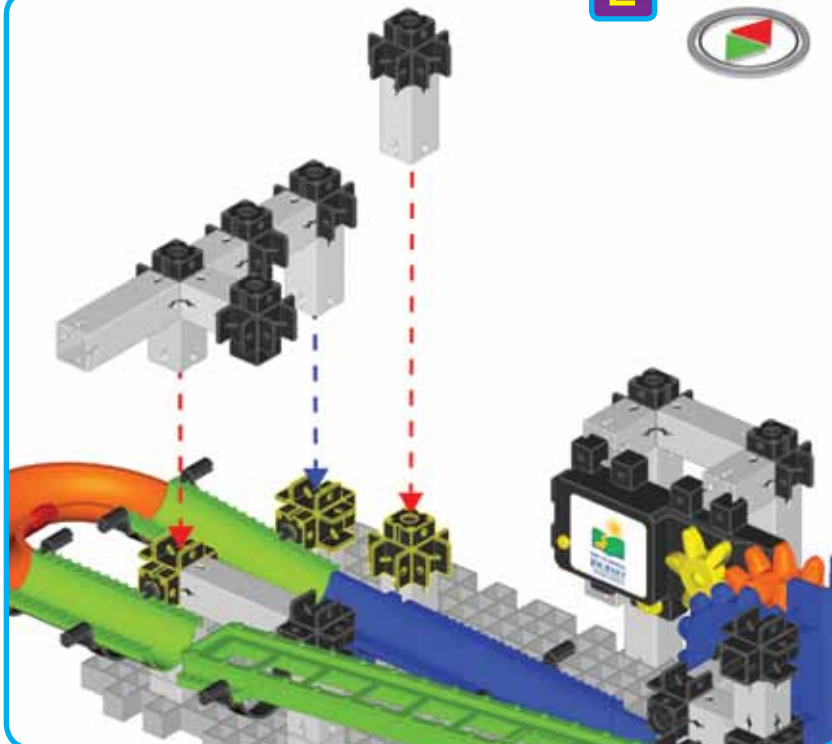




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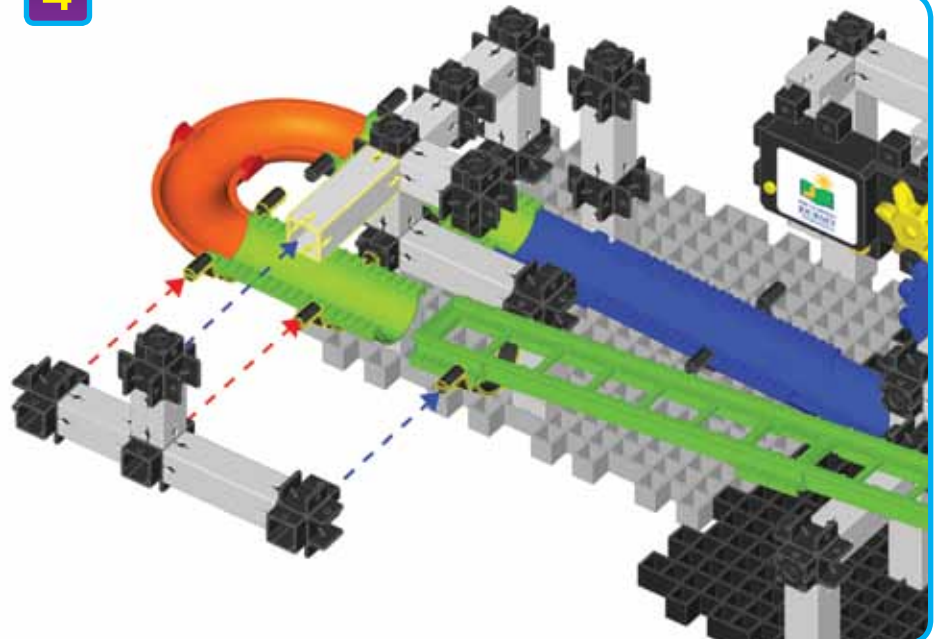


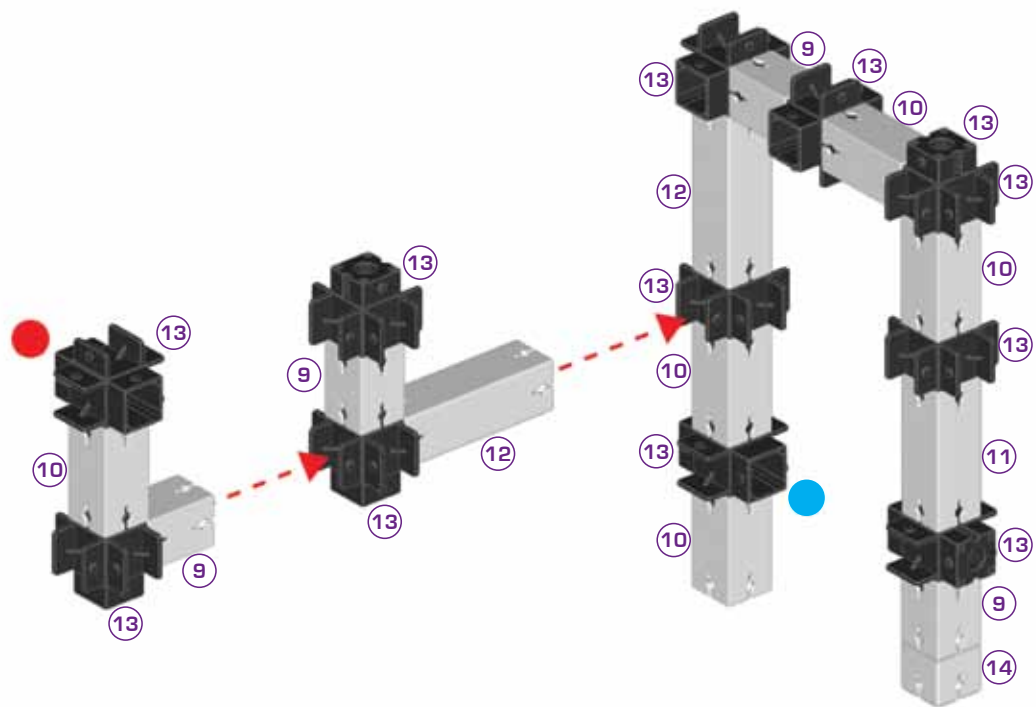
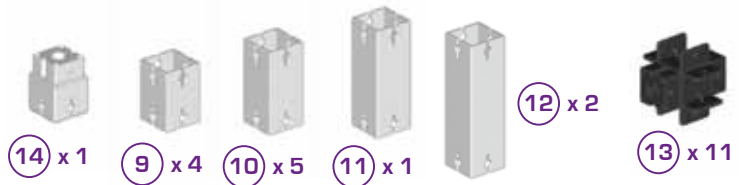
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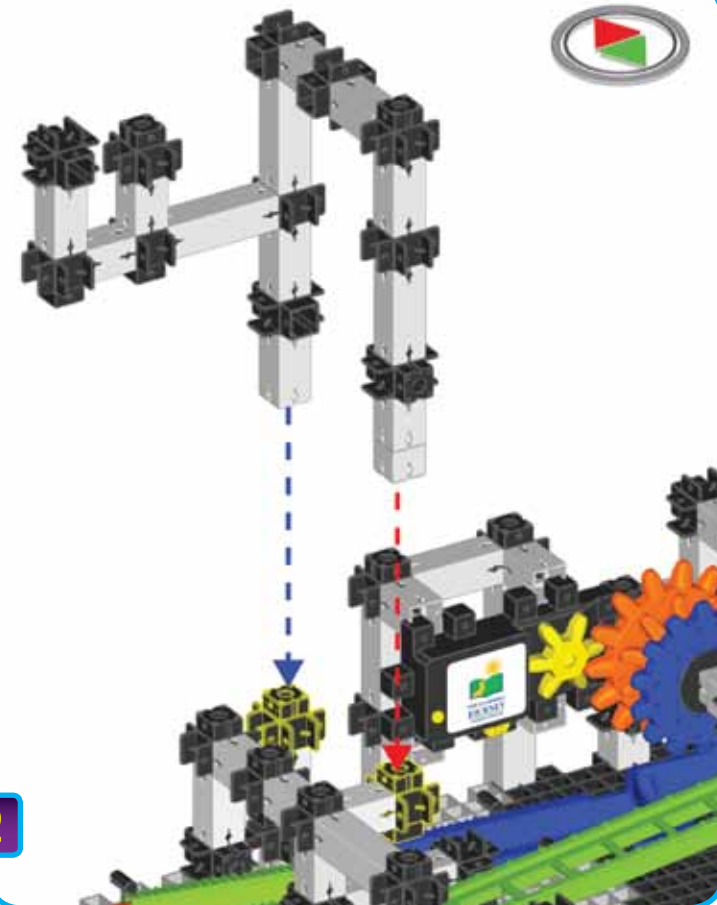
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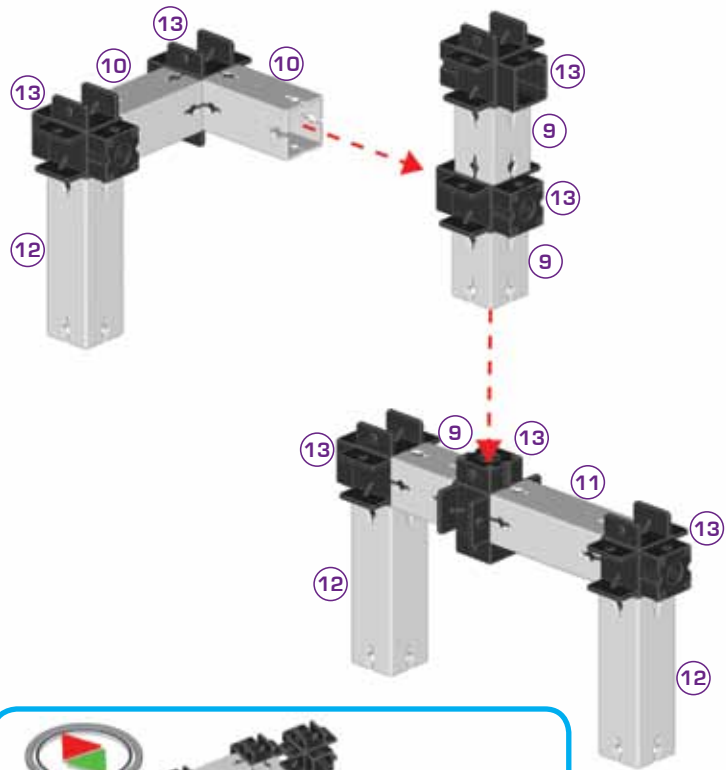
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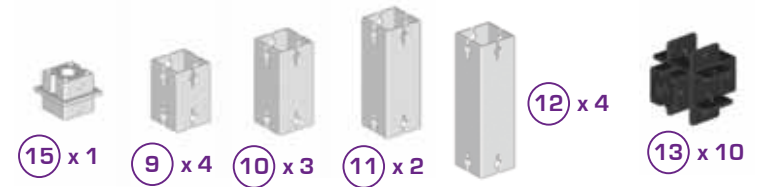
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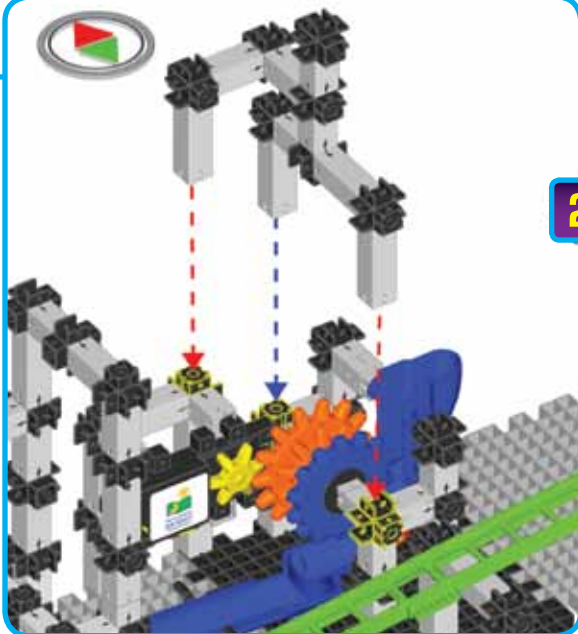
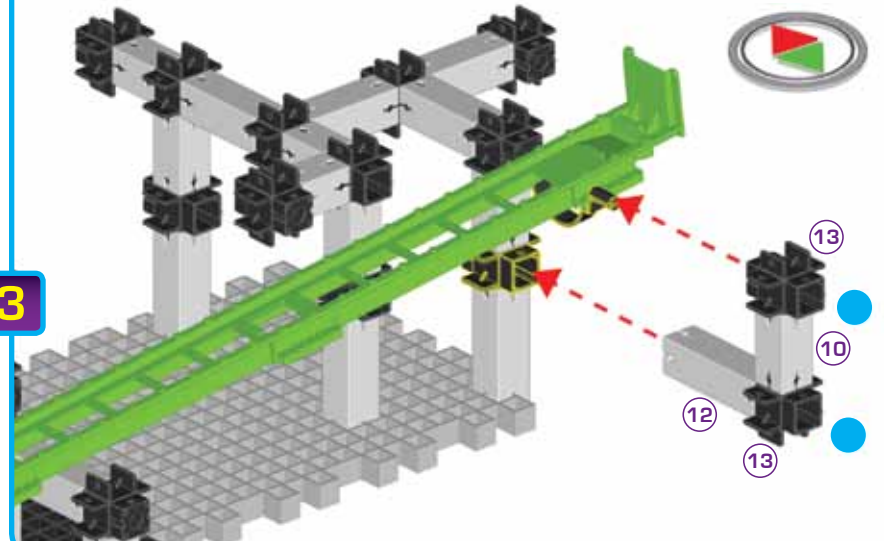
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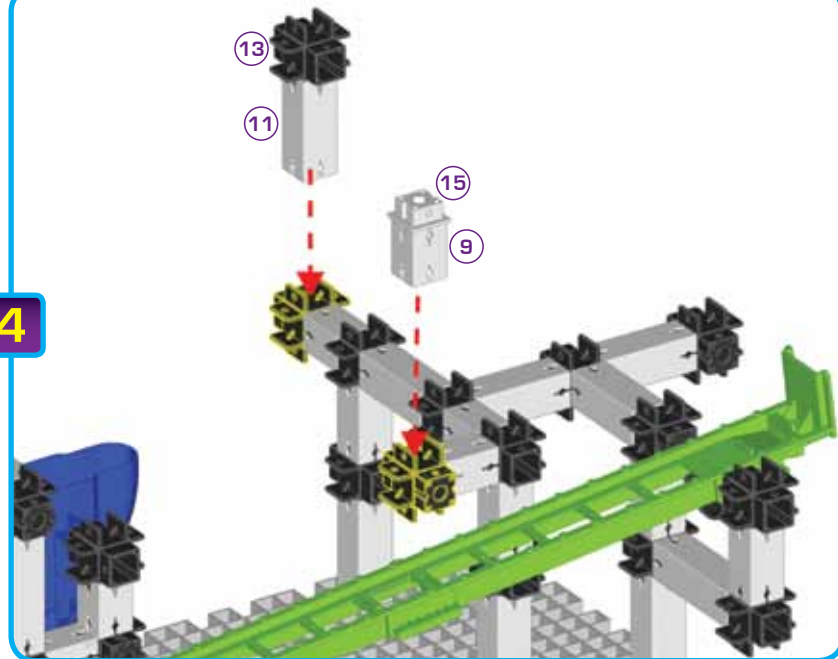


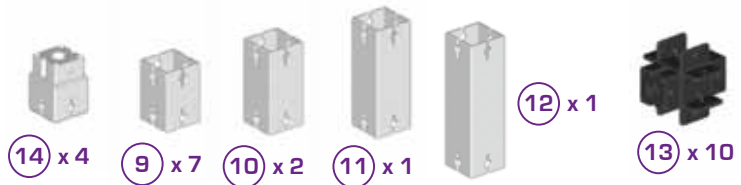
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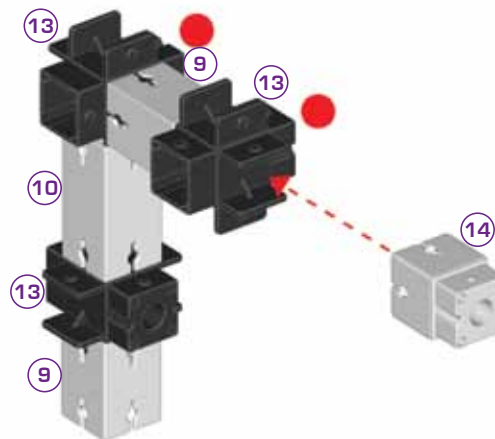
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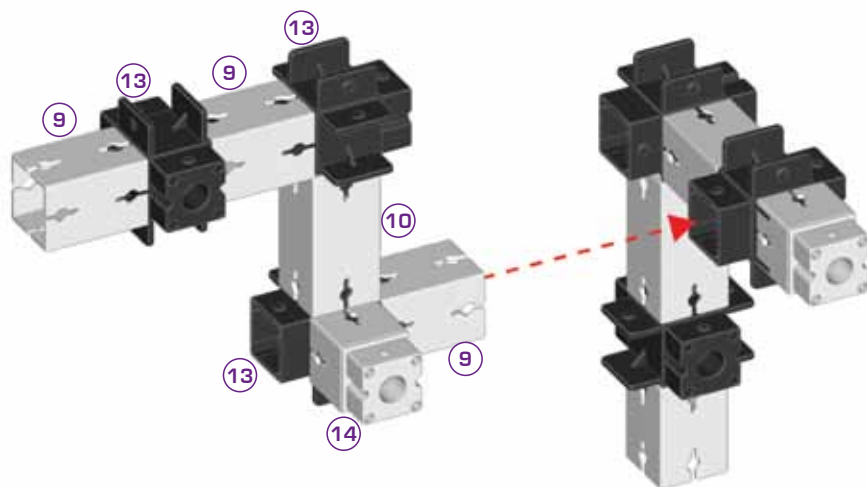




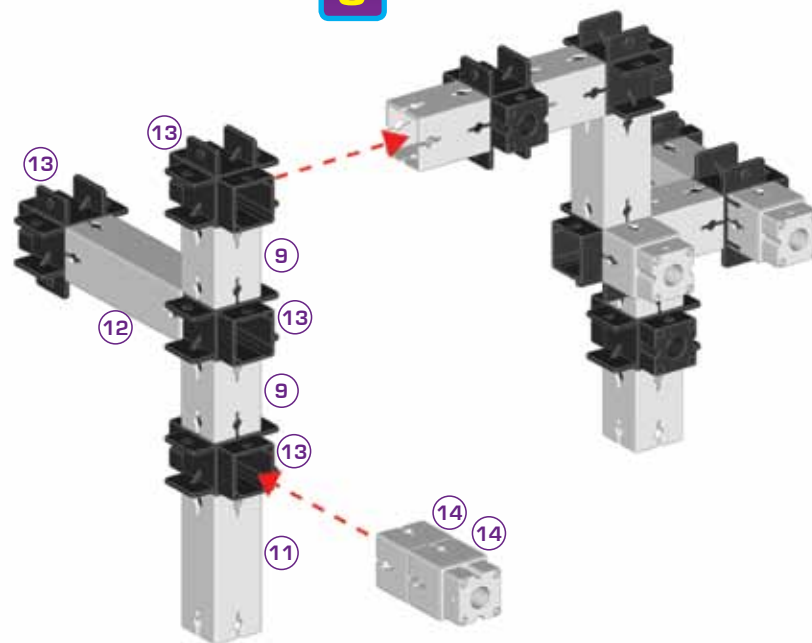
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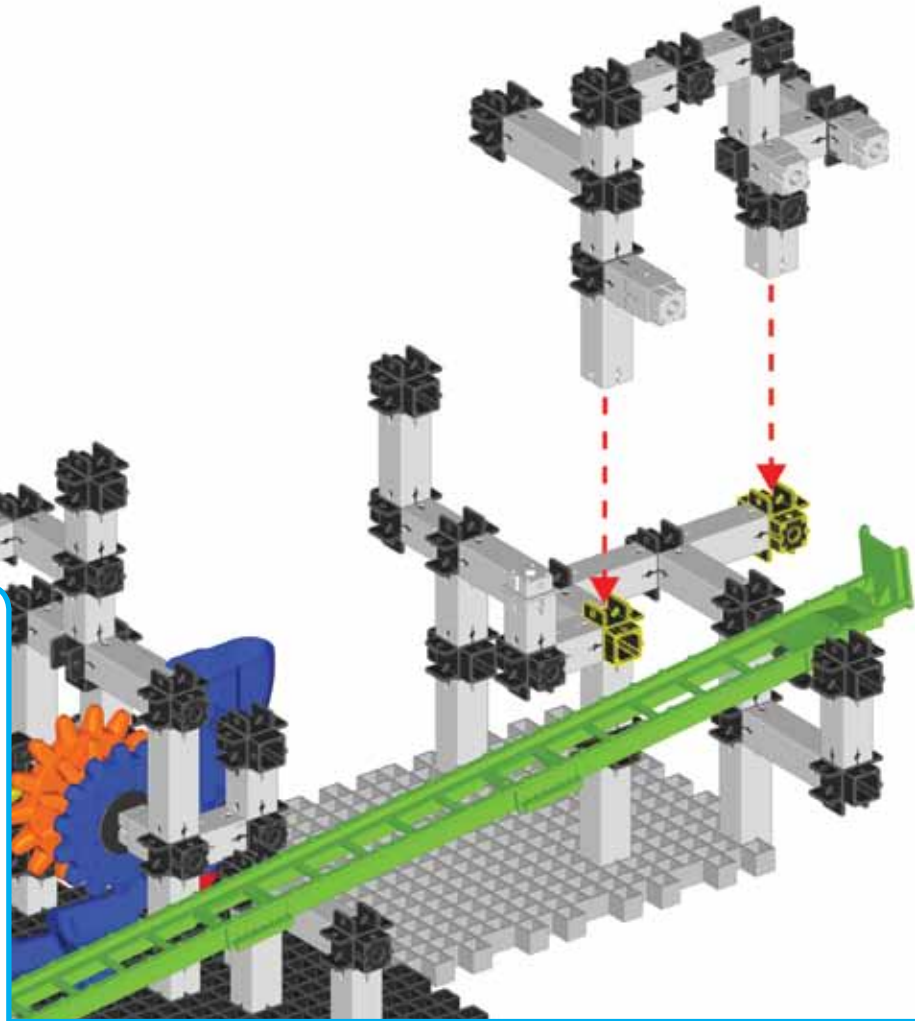


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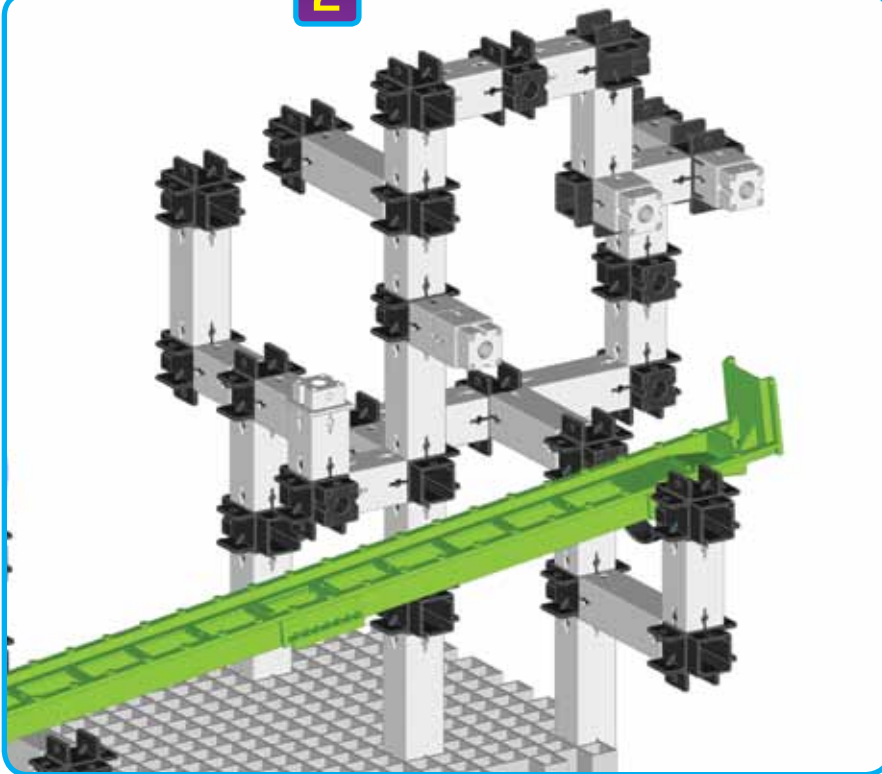


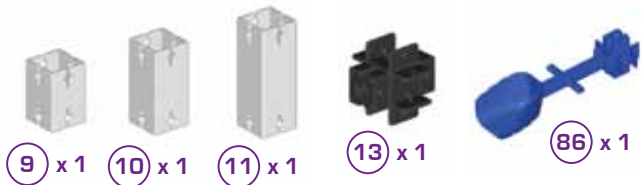


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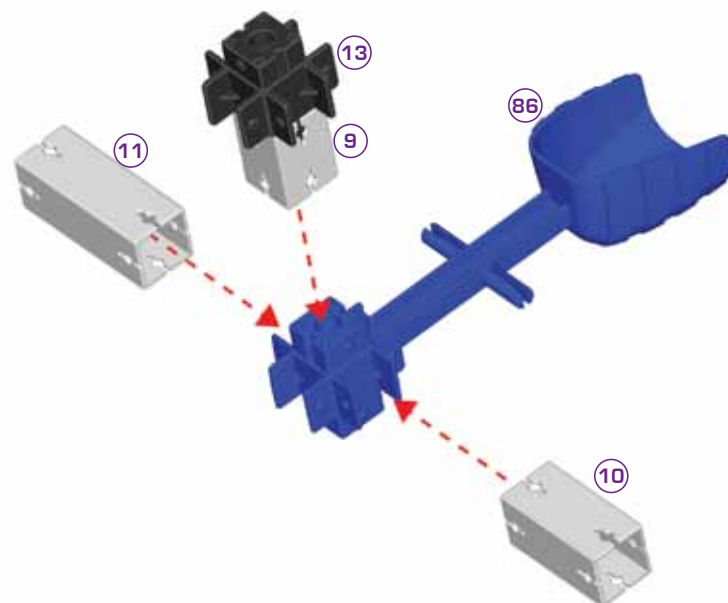


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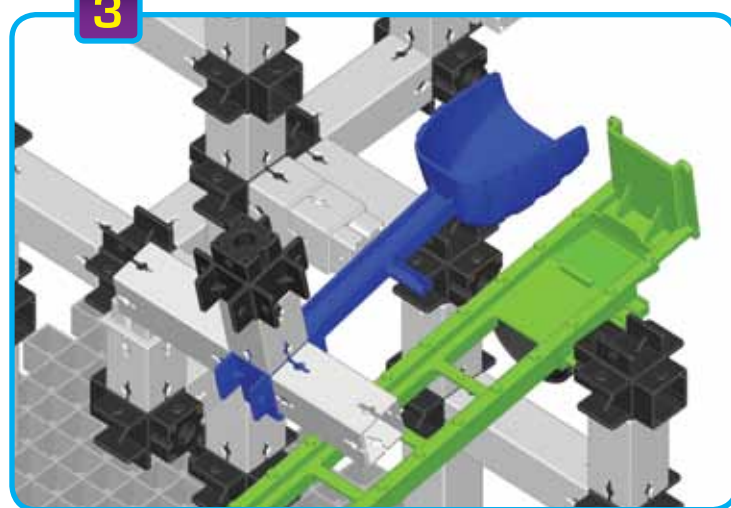
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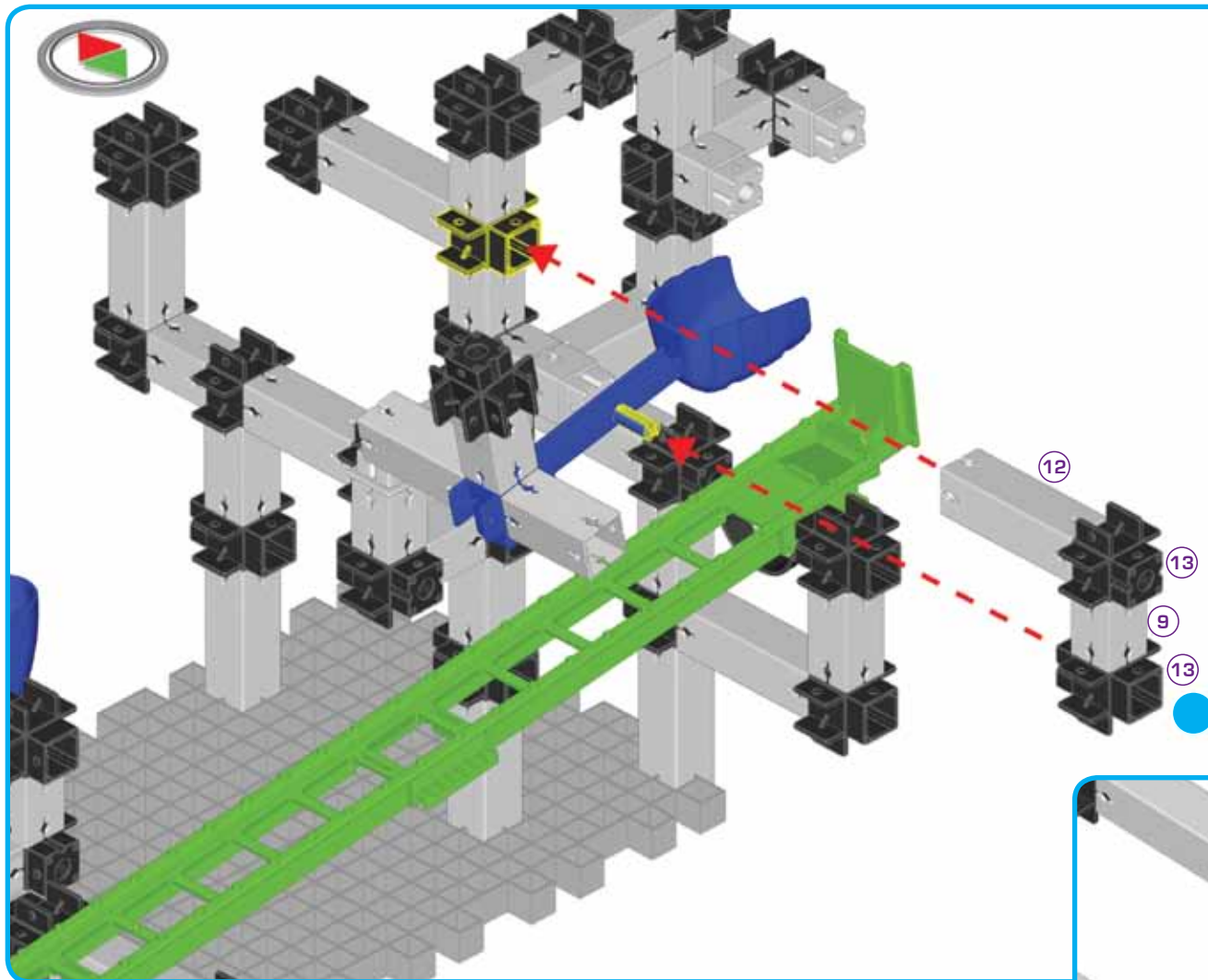


2



3





(9) x 1



(12) x 1



(13) x 2

1

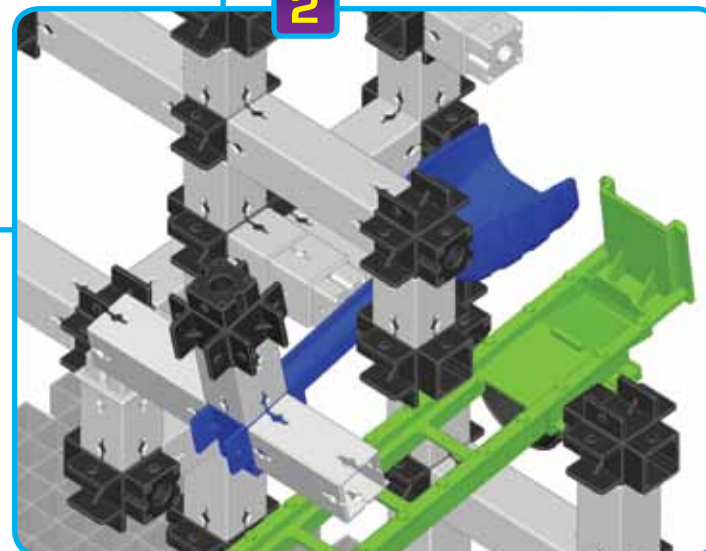
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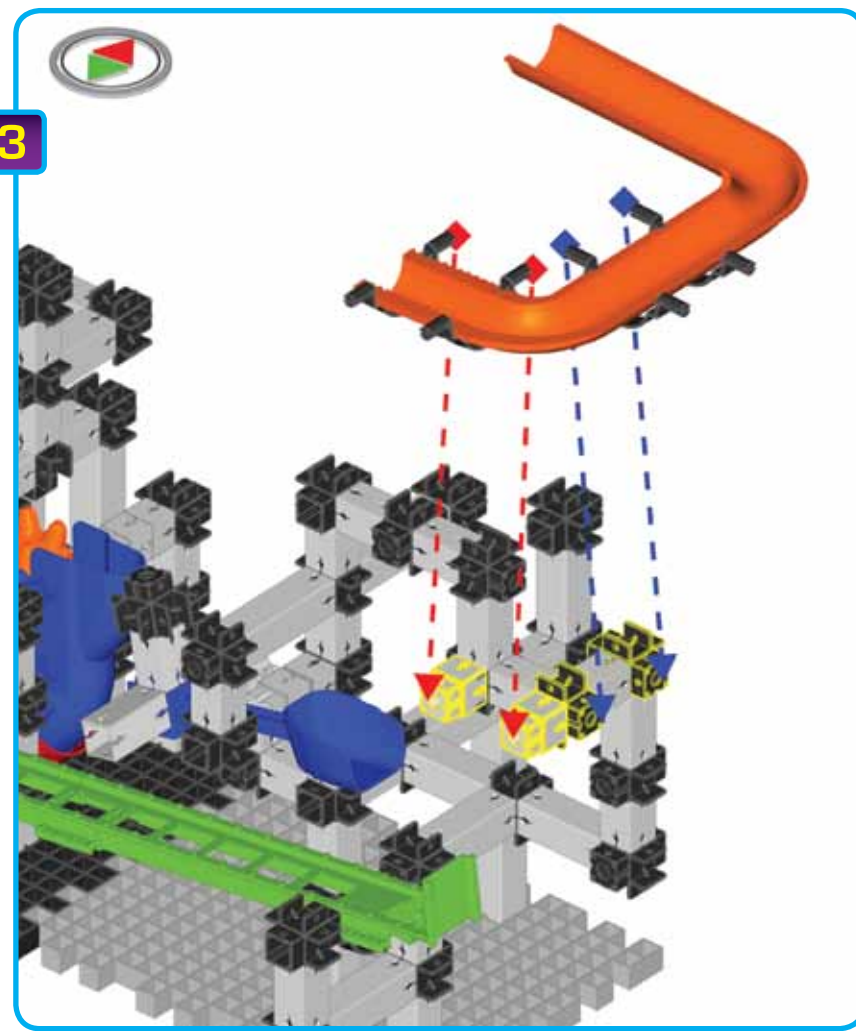
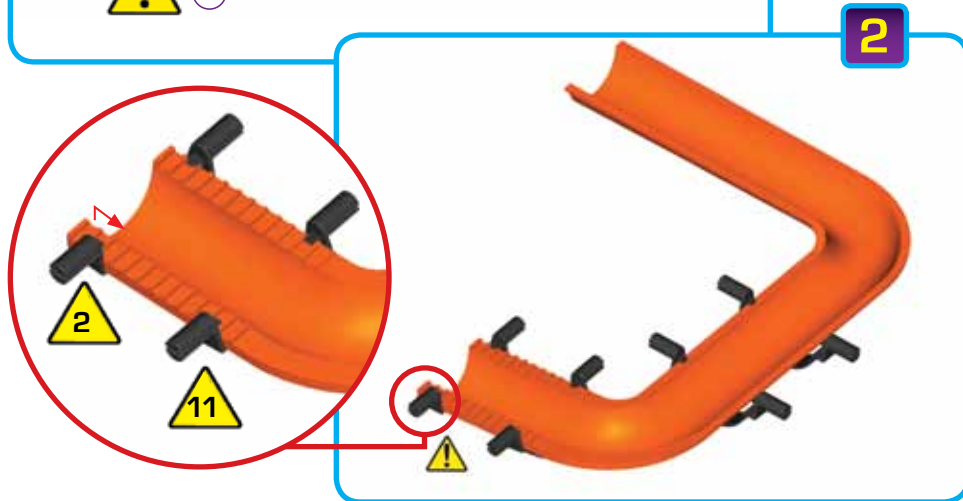
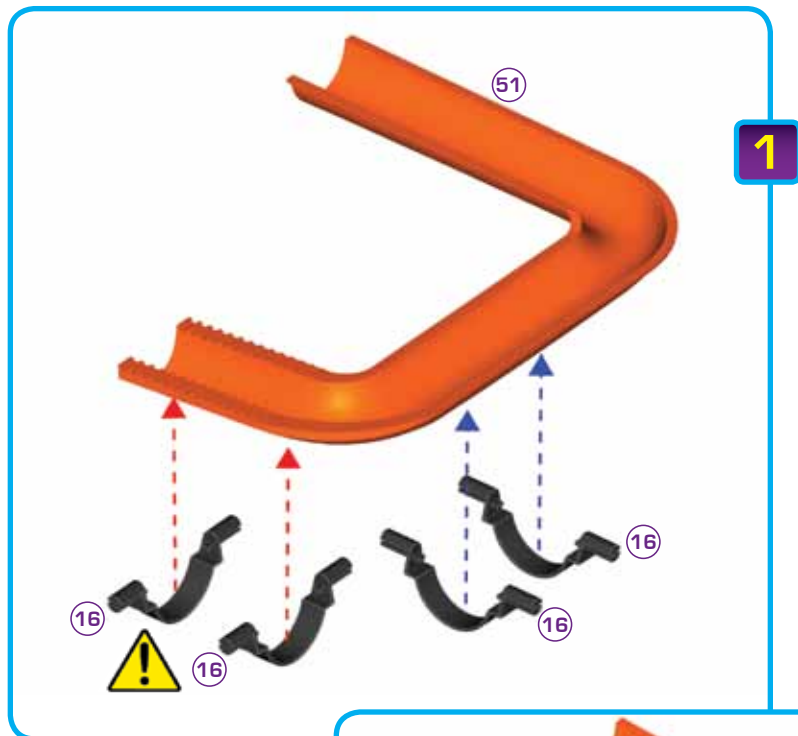
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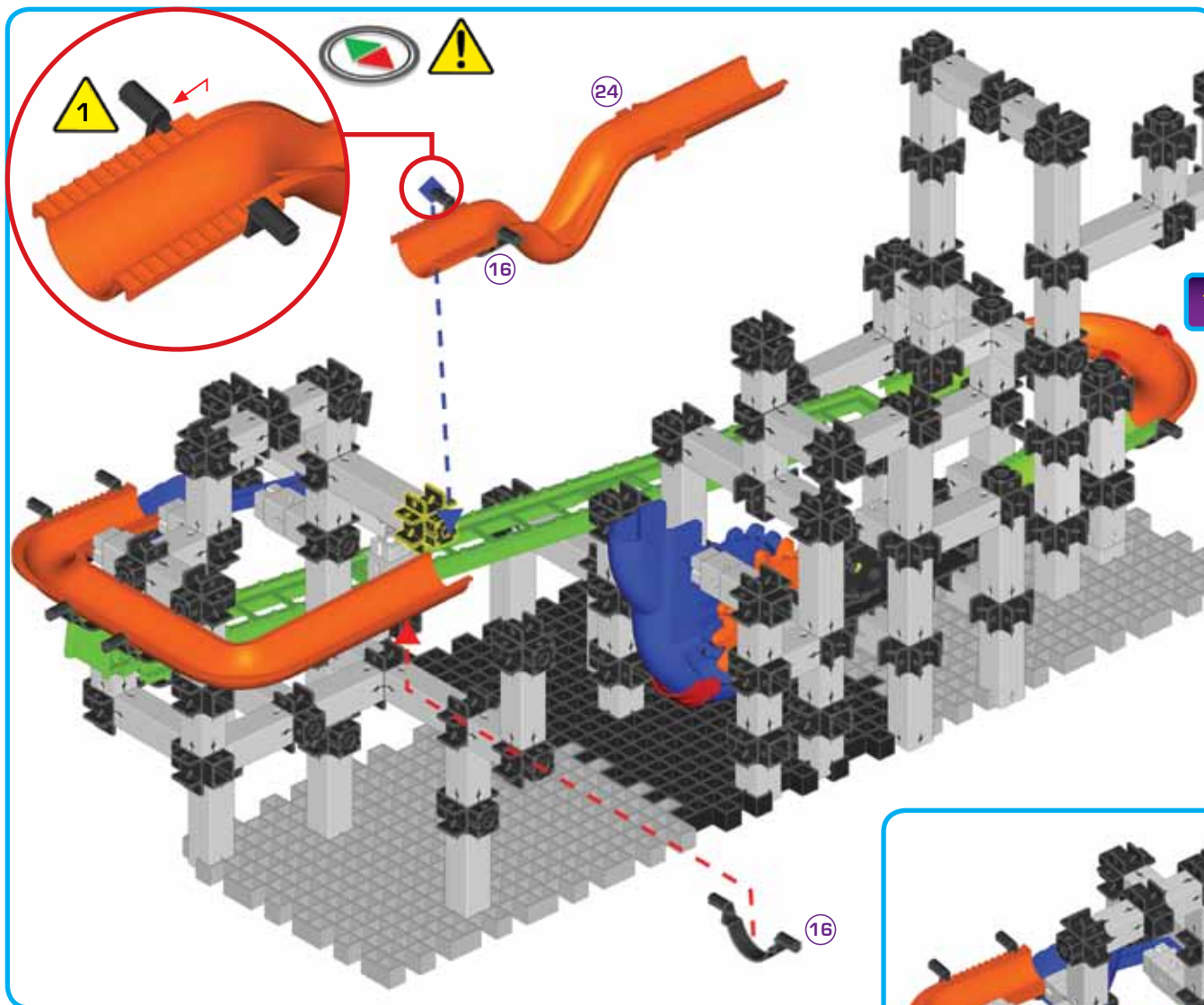
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(13)

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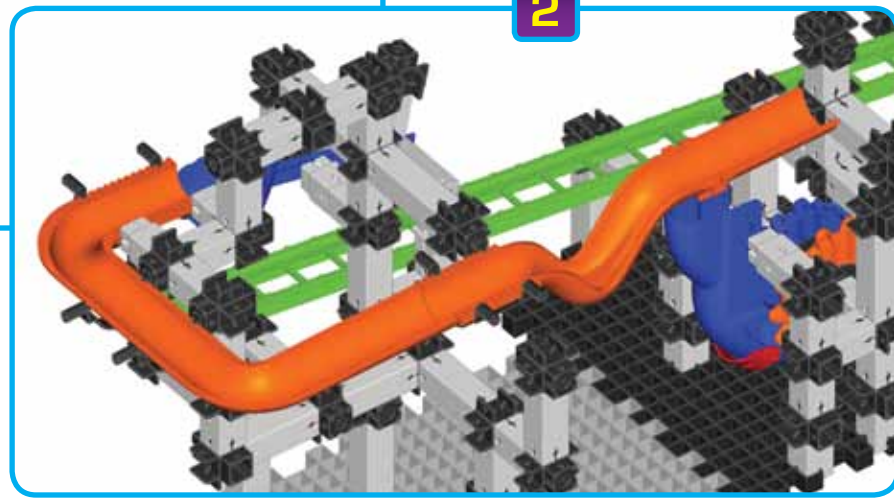






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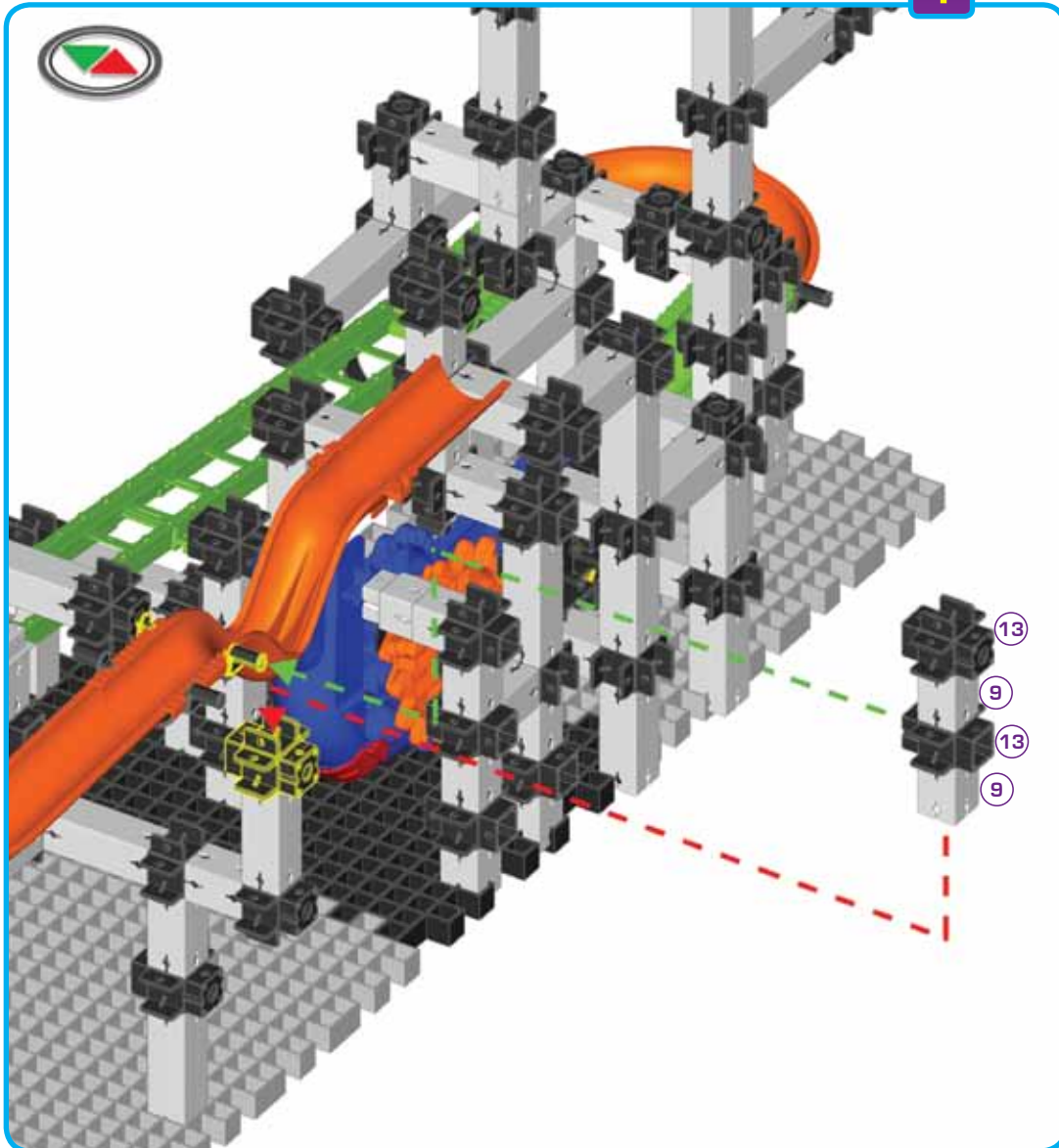


9 x 2

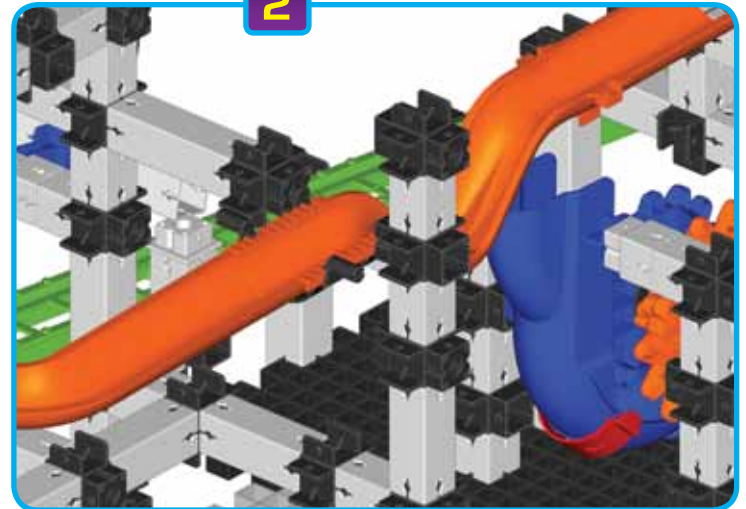


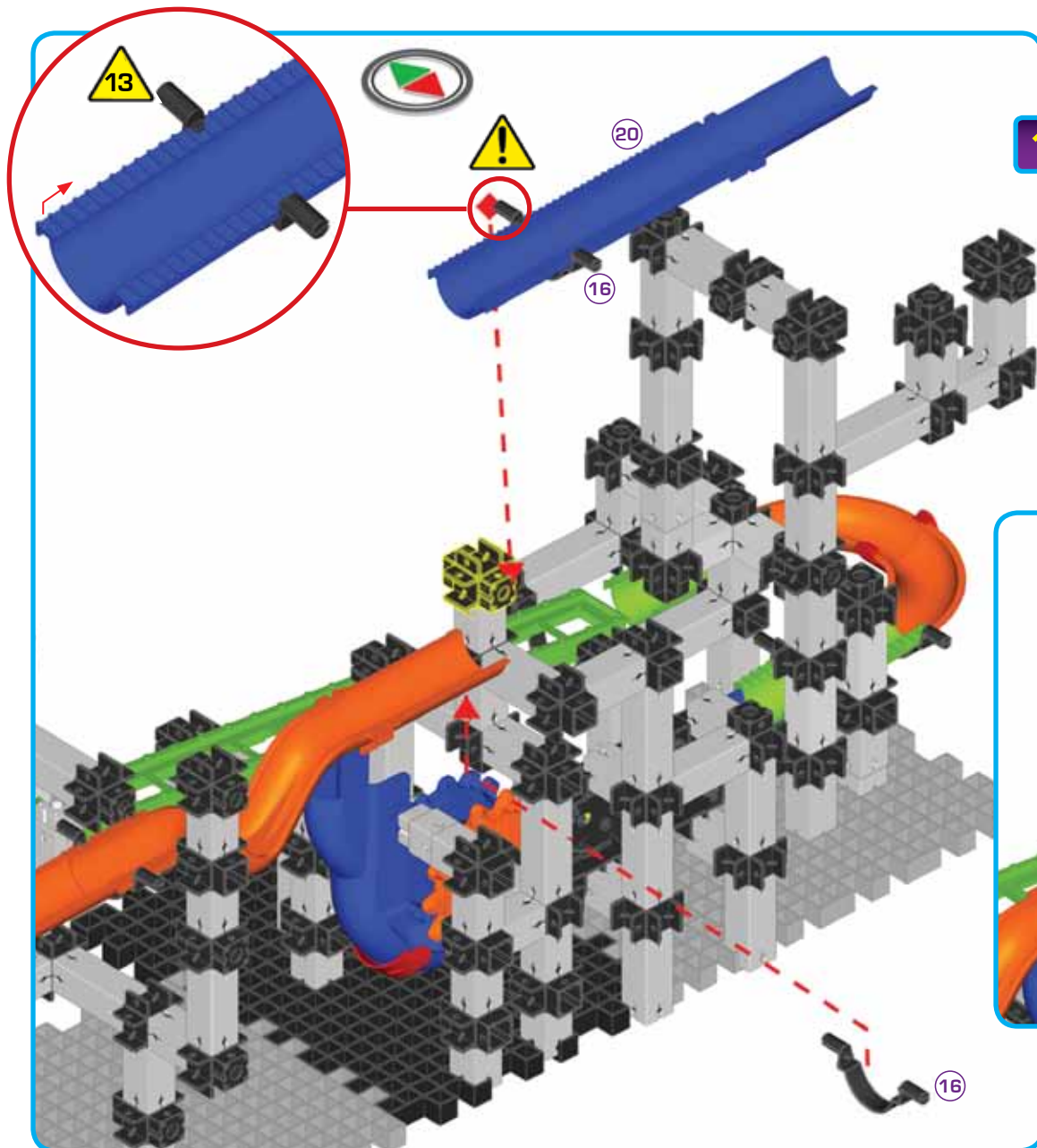
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1



2

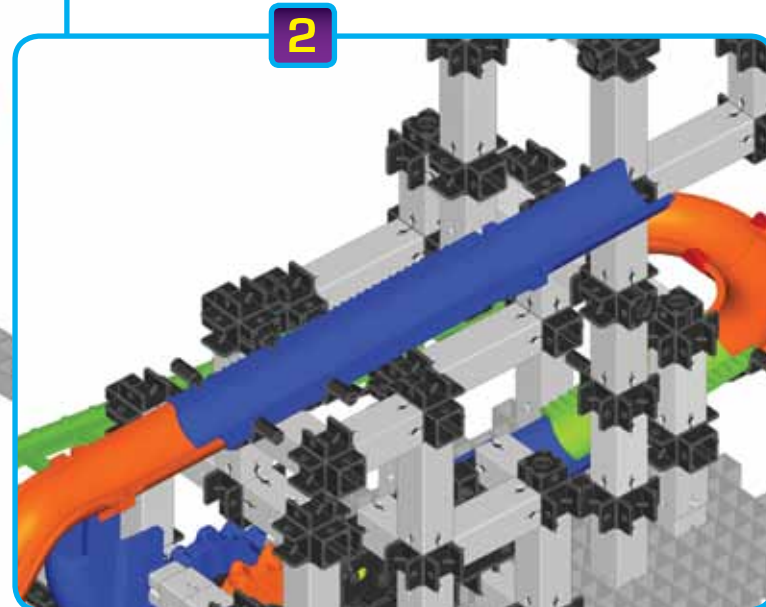


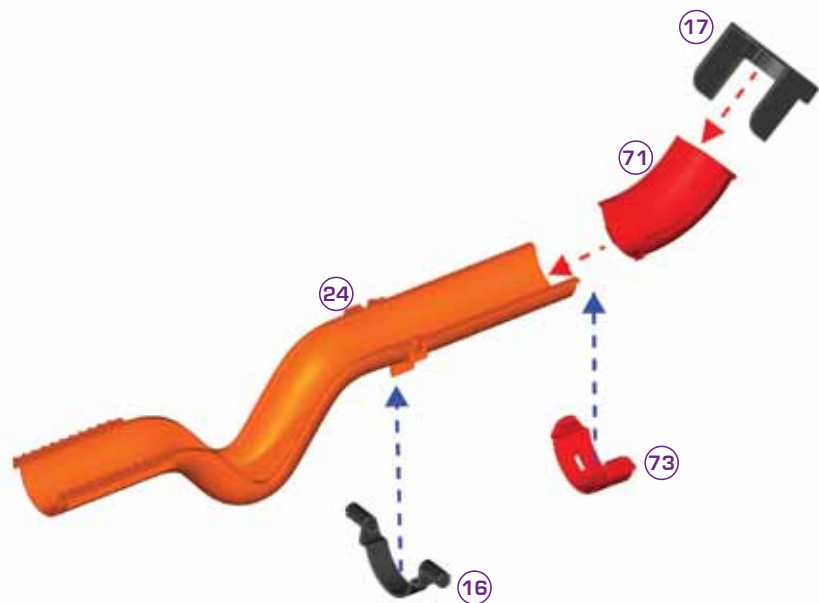


(16) x 2



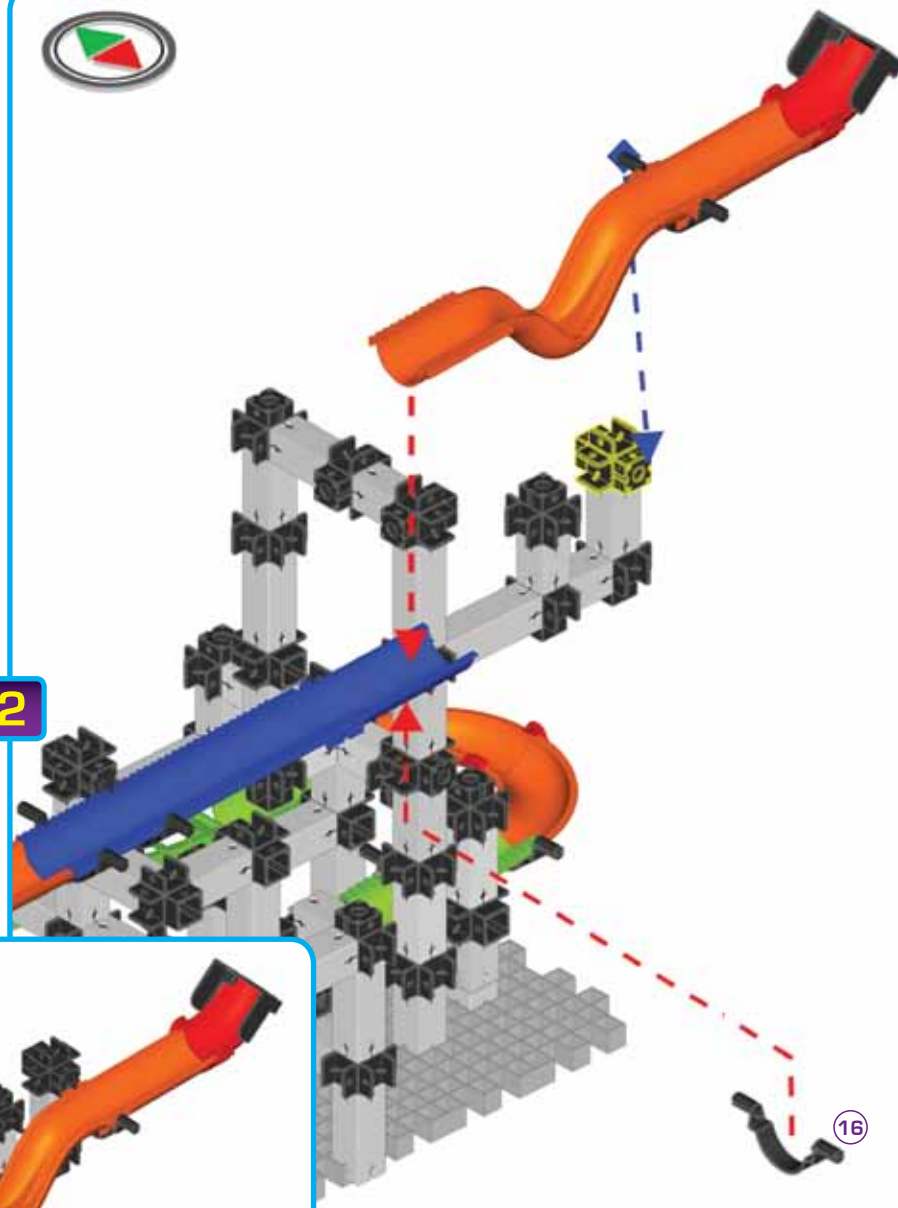
(20) x 1



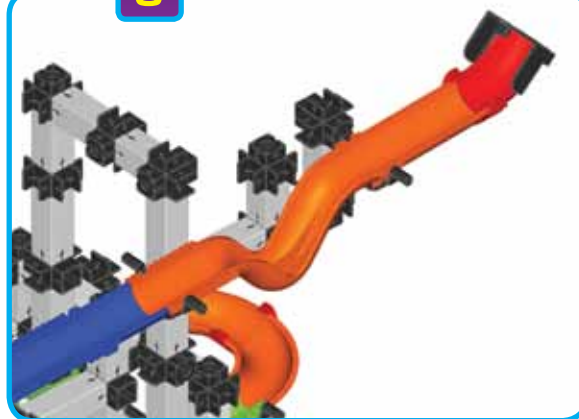


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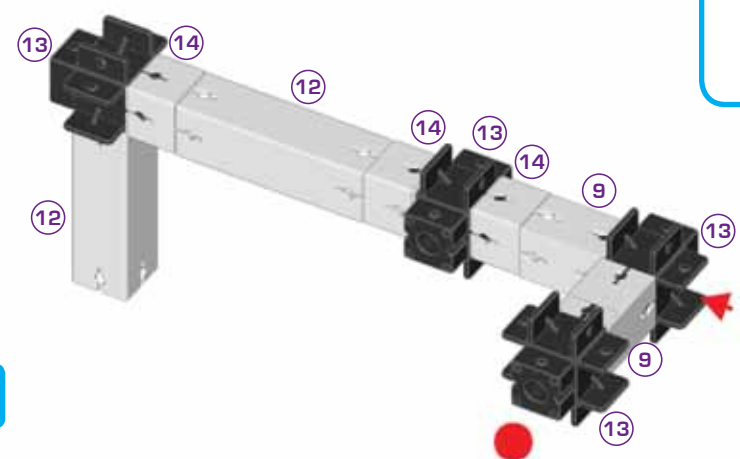
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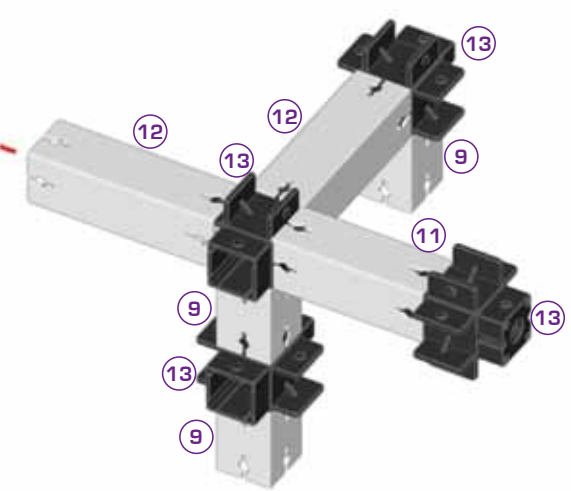
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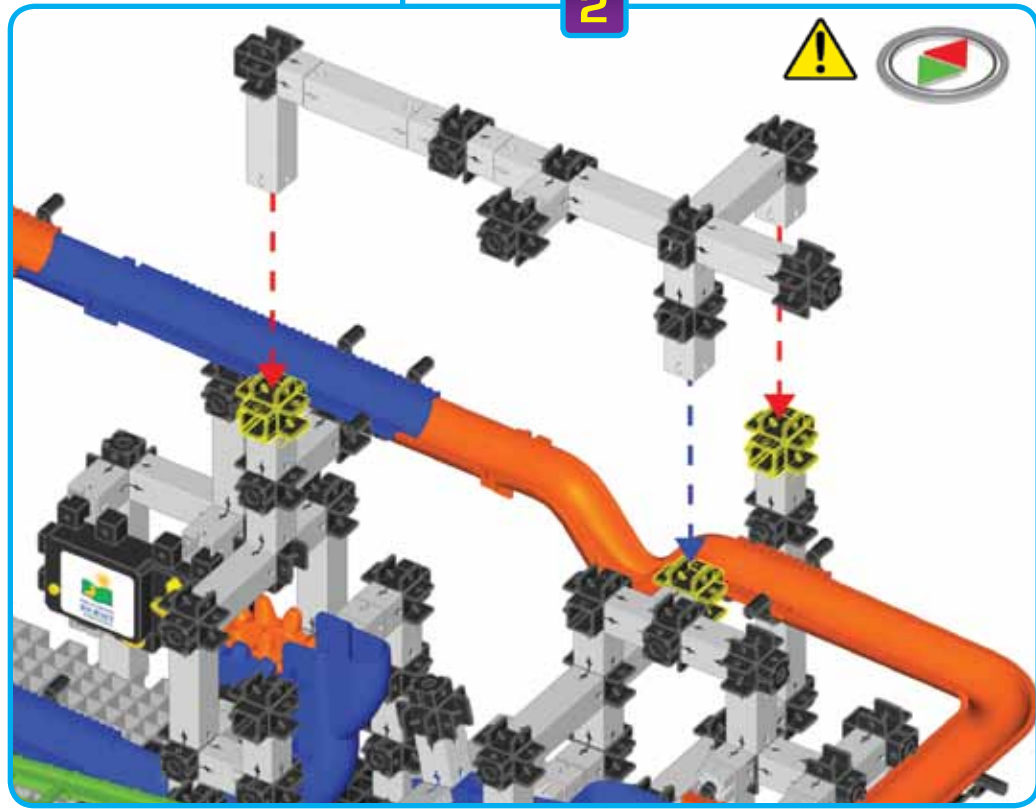
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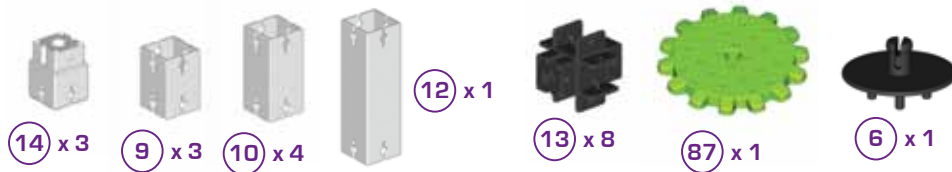


-  14 x 3
-  9 x 5
-  11 x 1
-  12 x 4
-  13 x 8

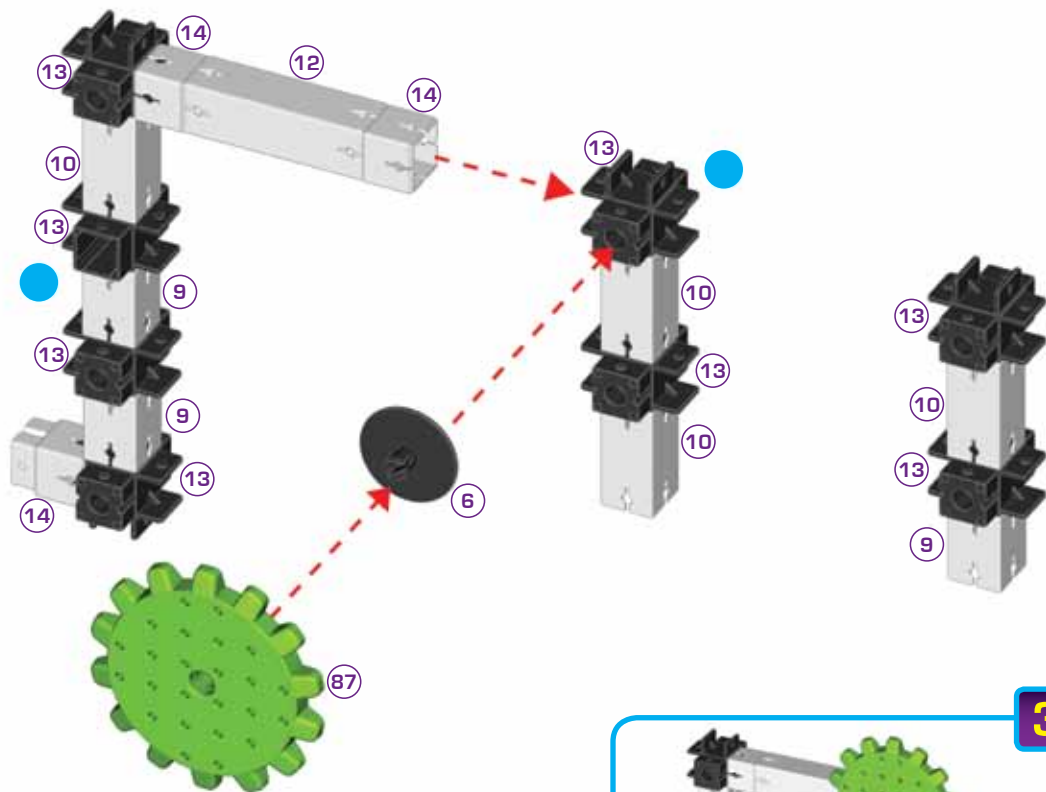


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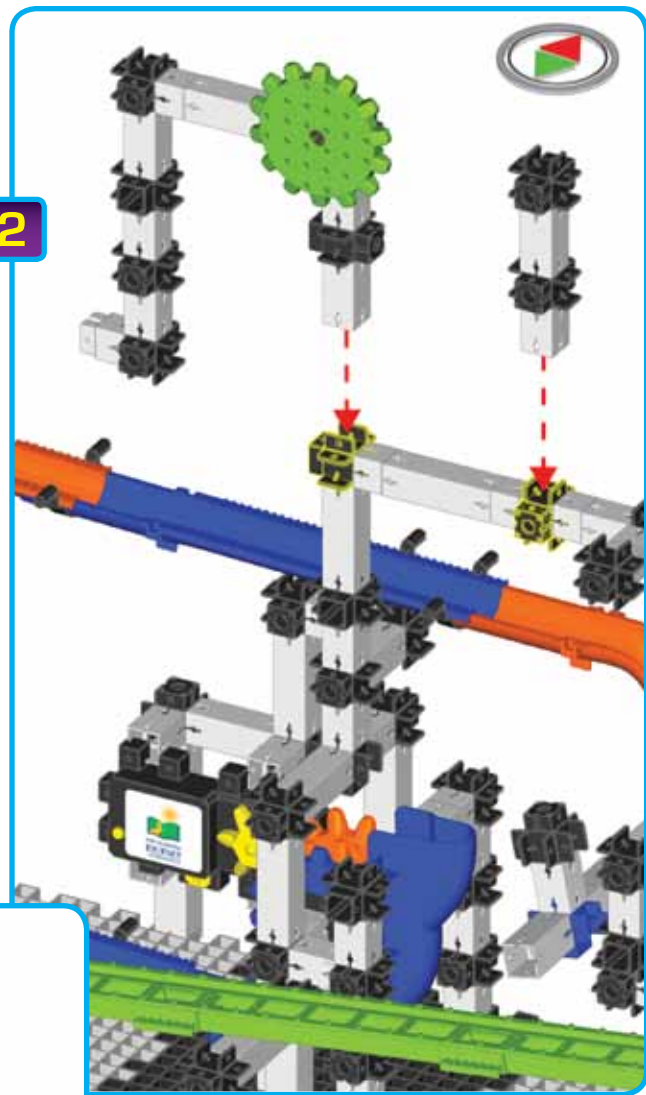




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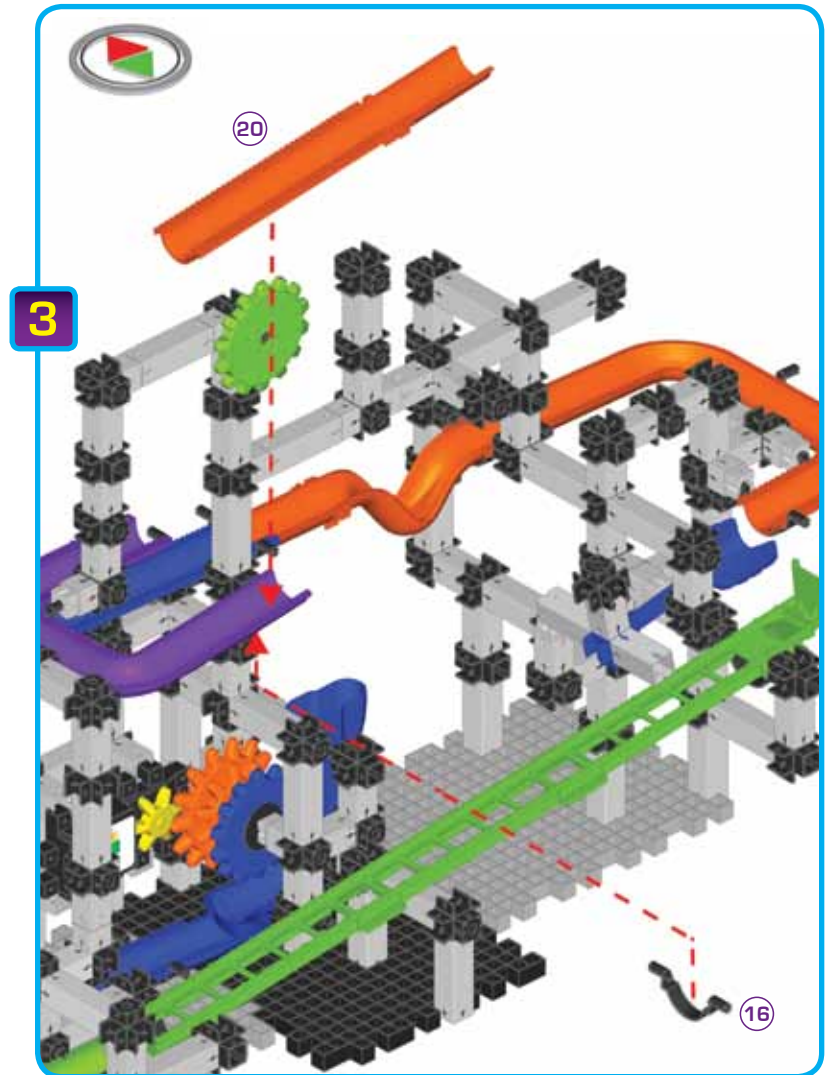
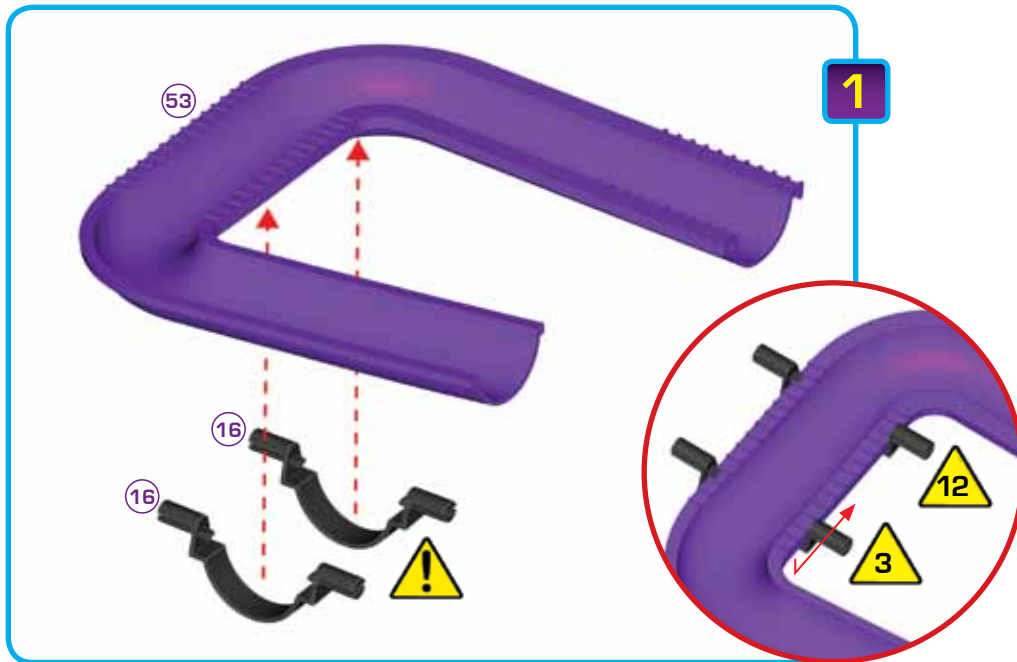


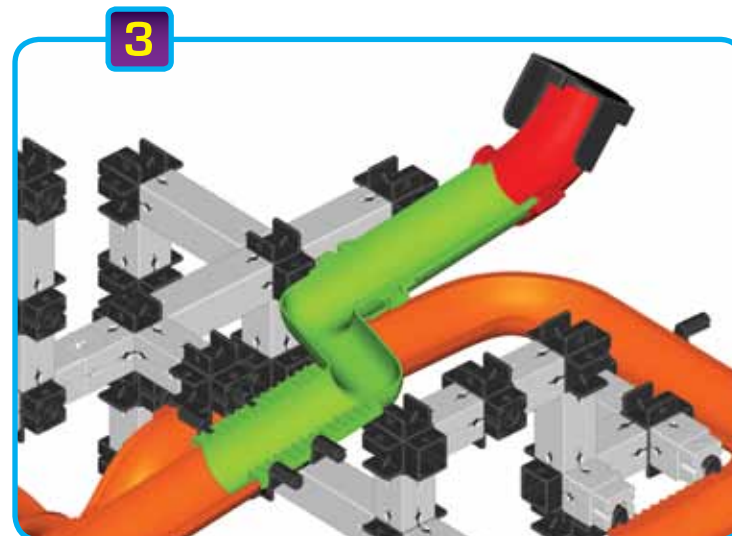
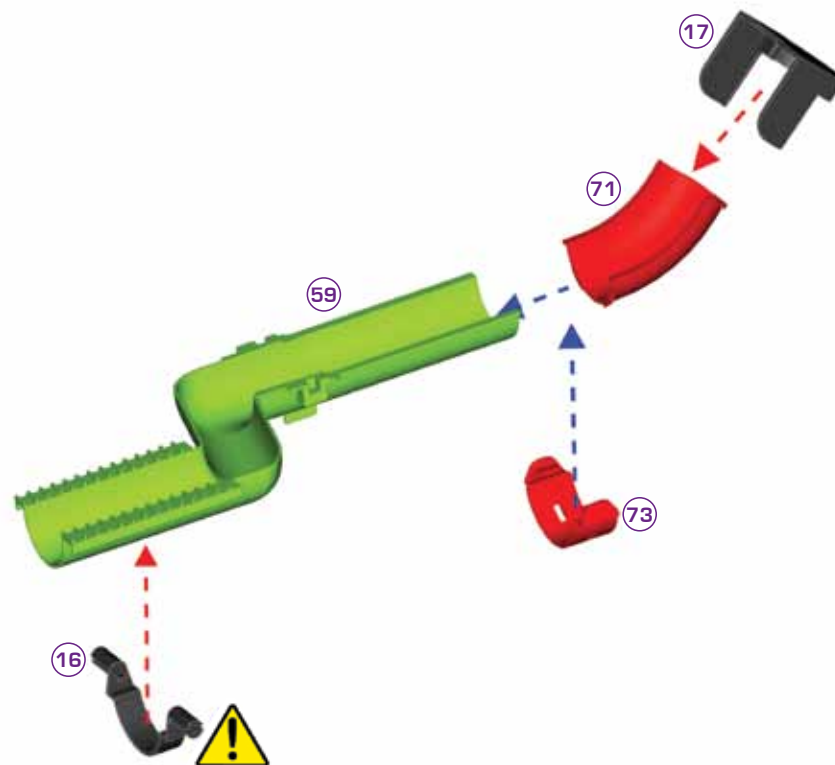
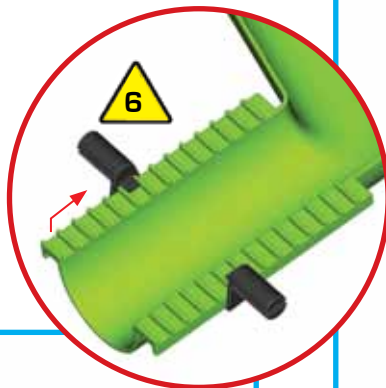
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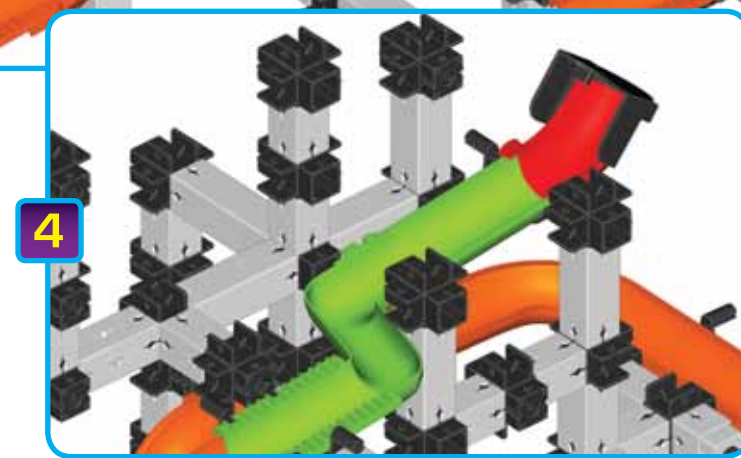
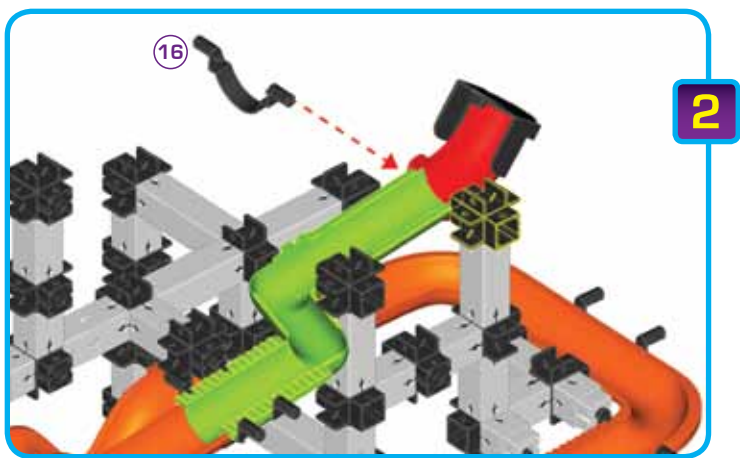
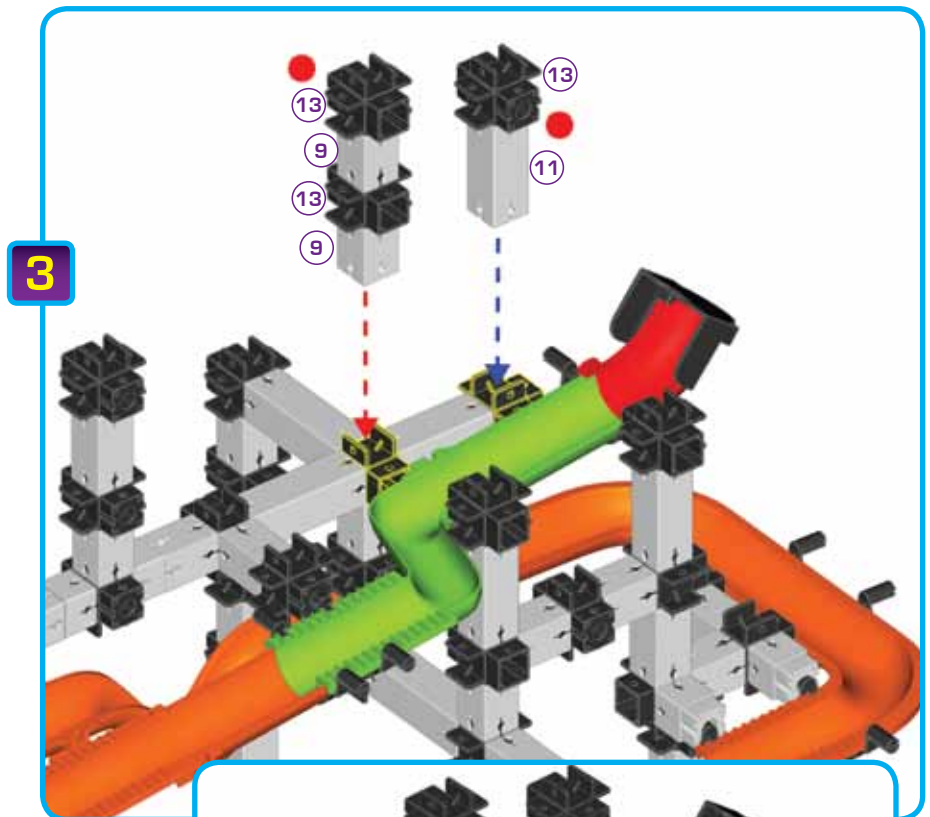
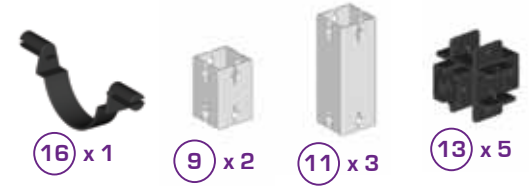
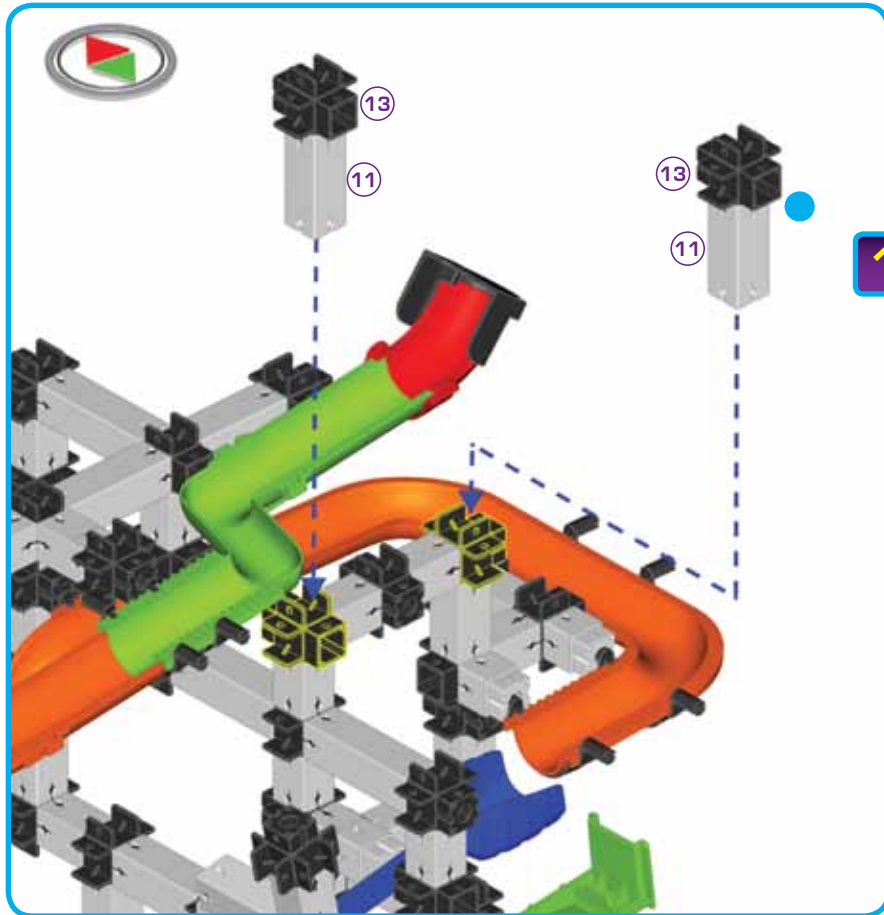


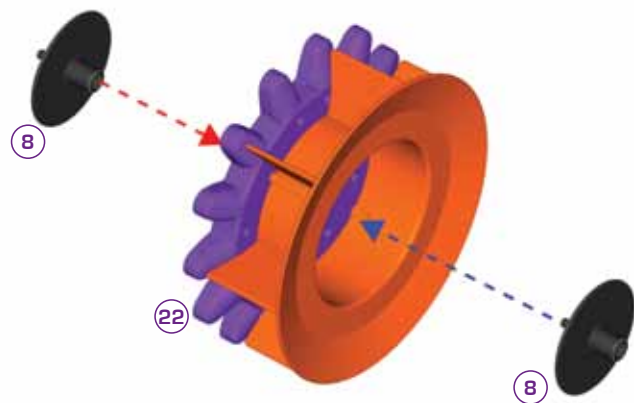
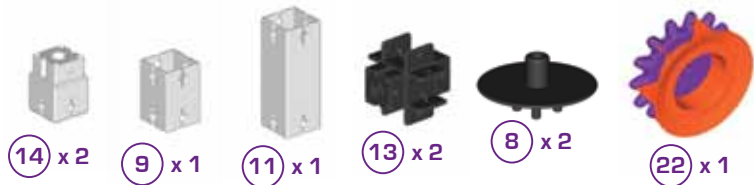
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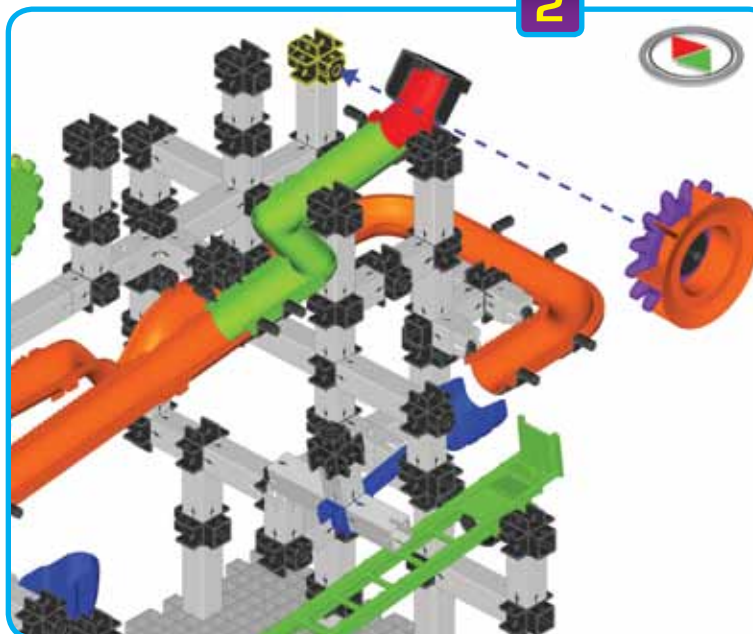




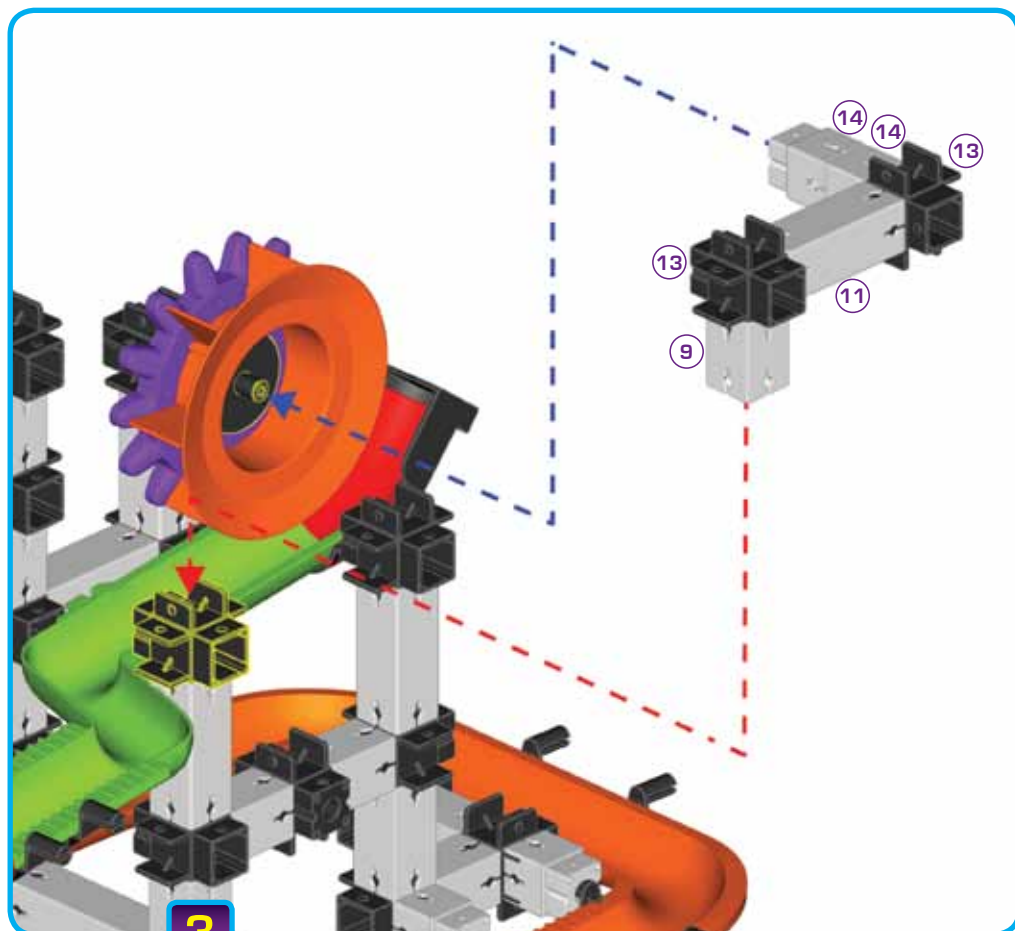




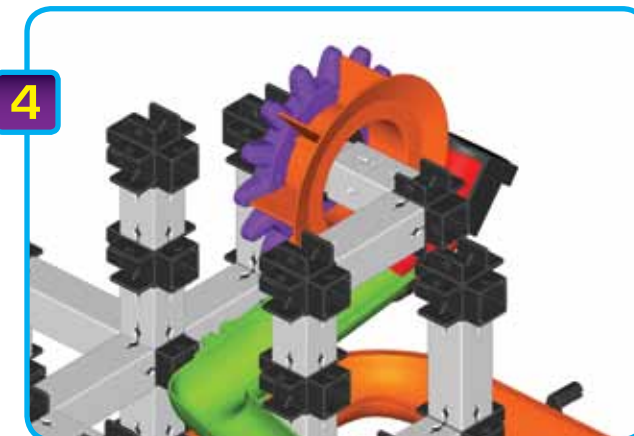
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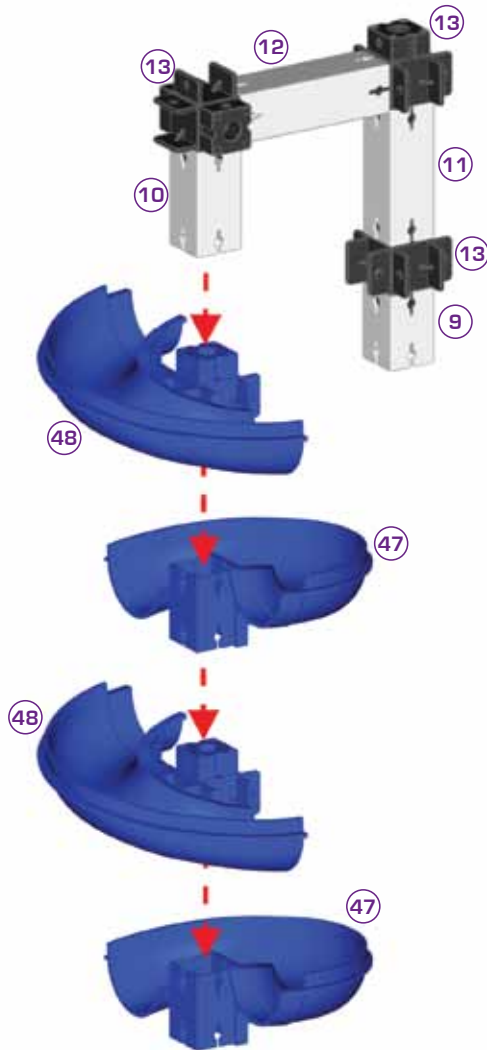
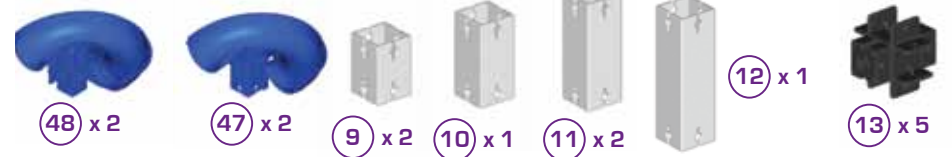
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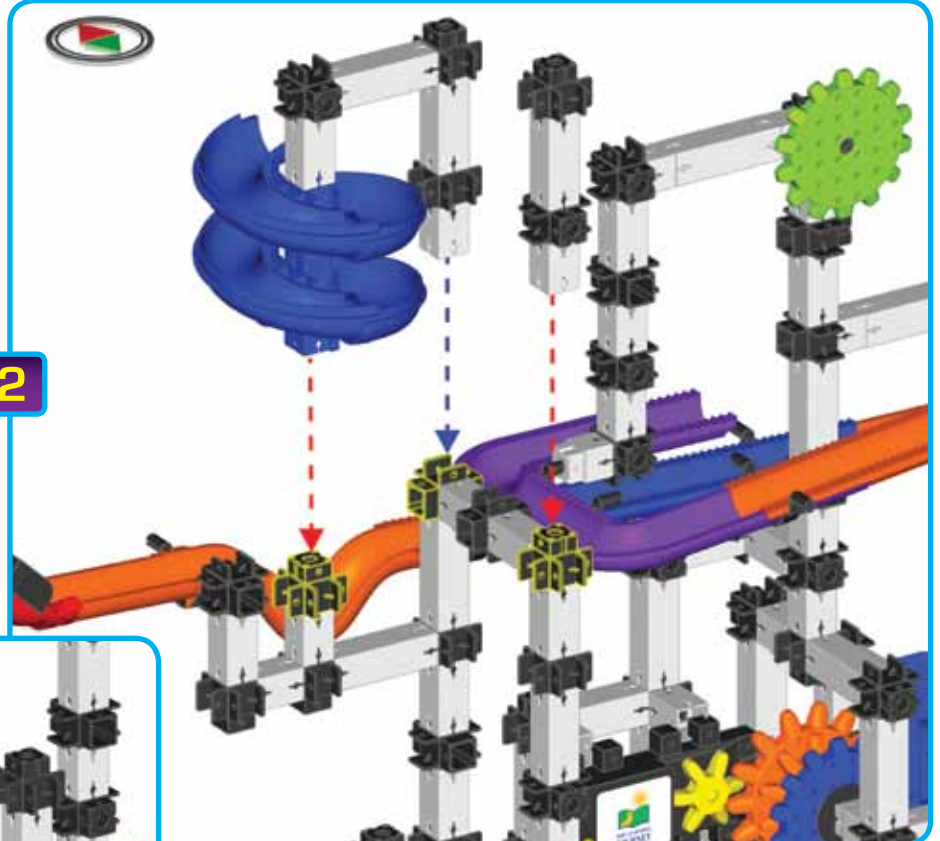
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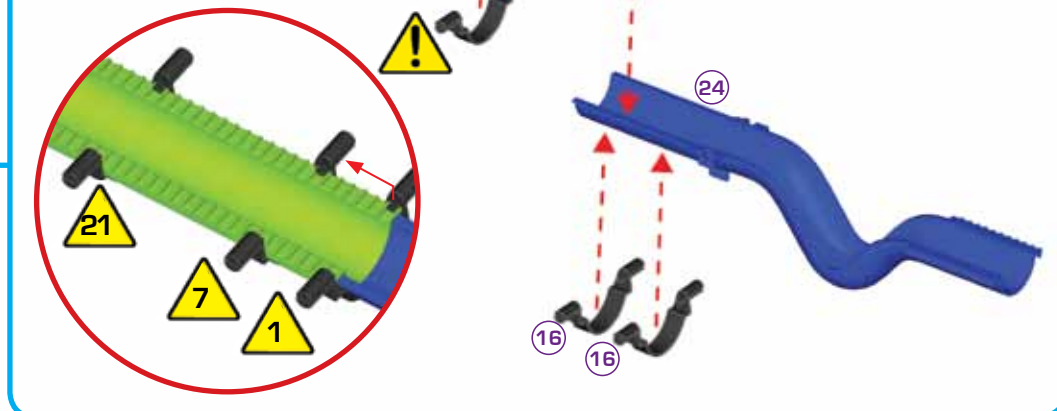
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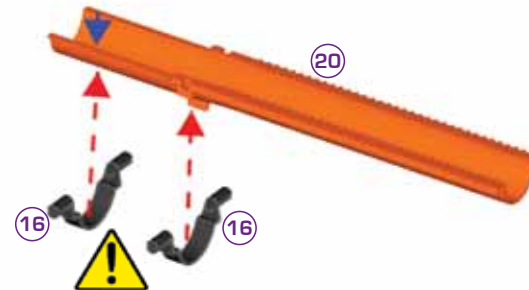
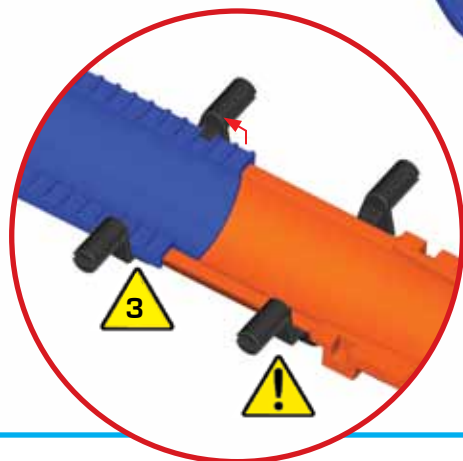


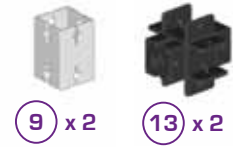


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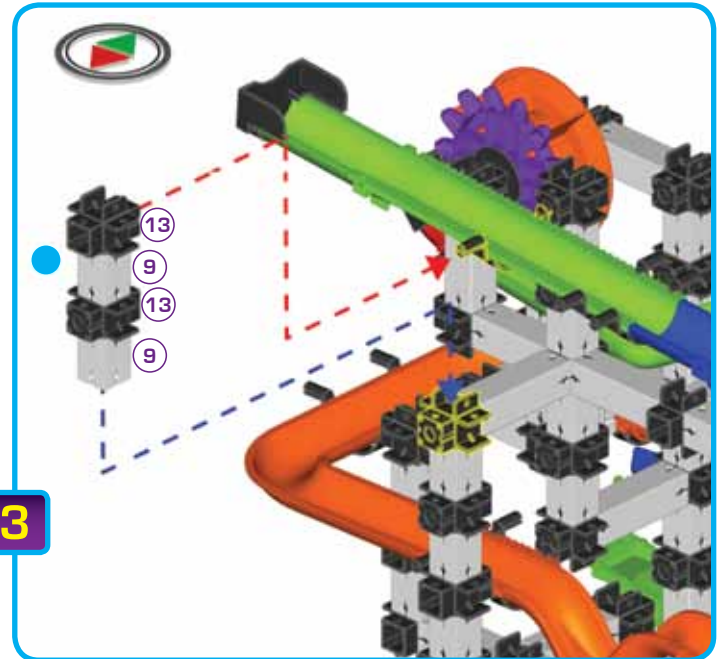


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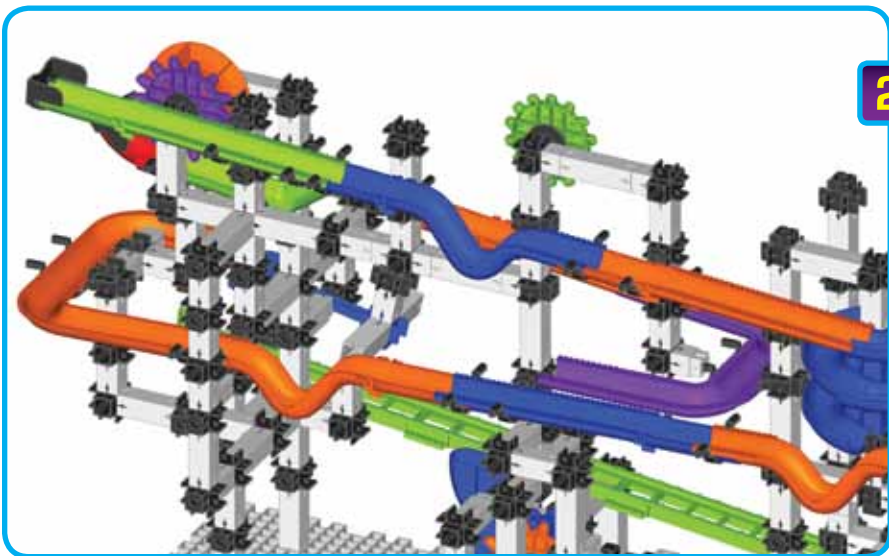


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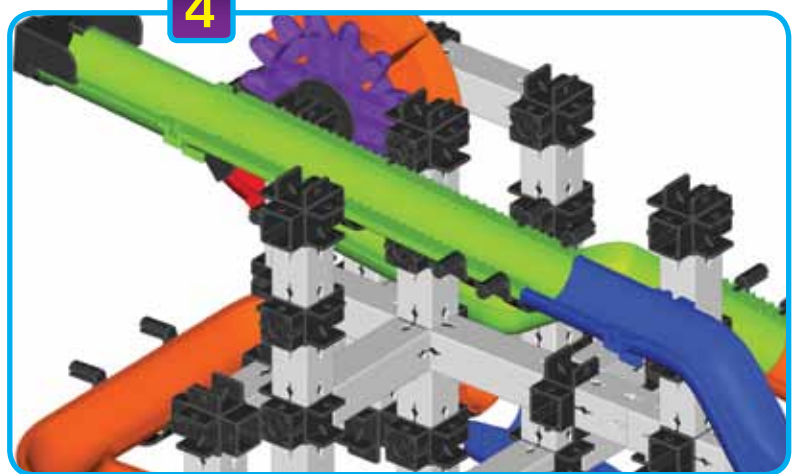


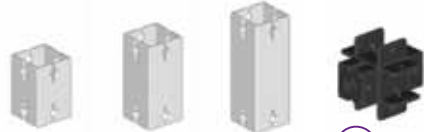
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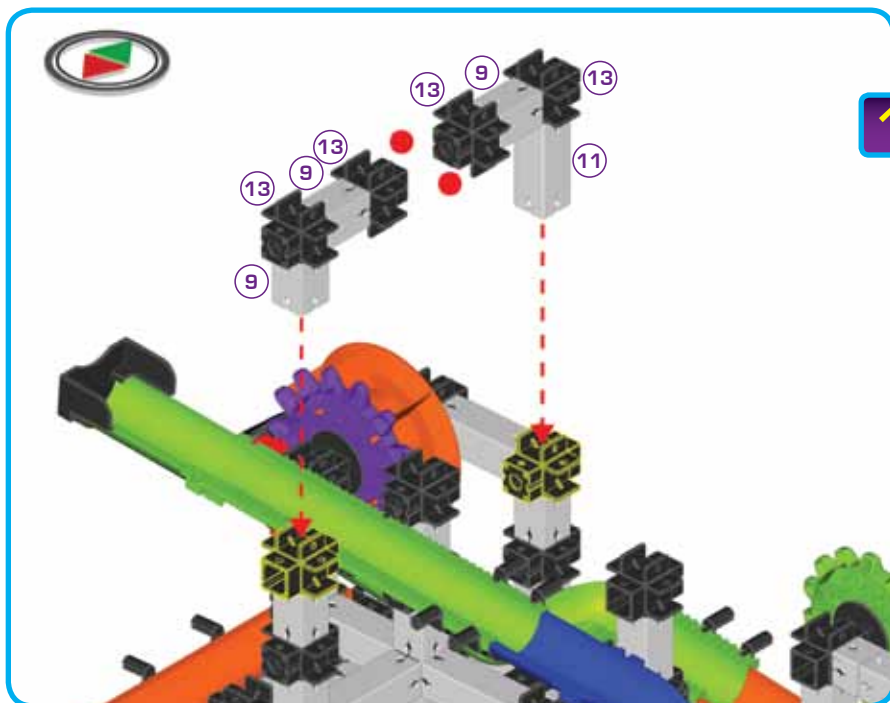


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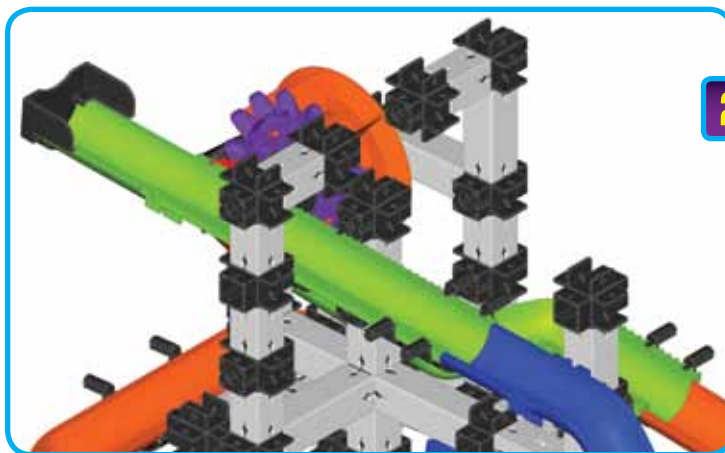




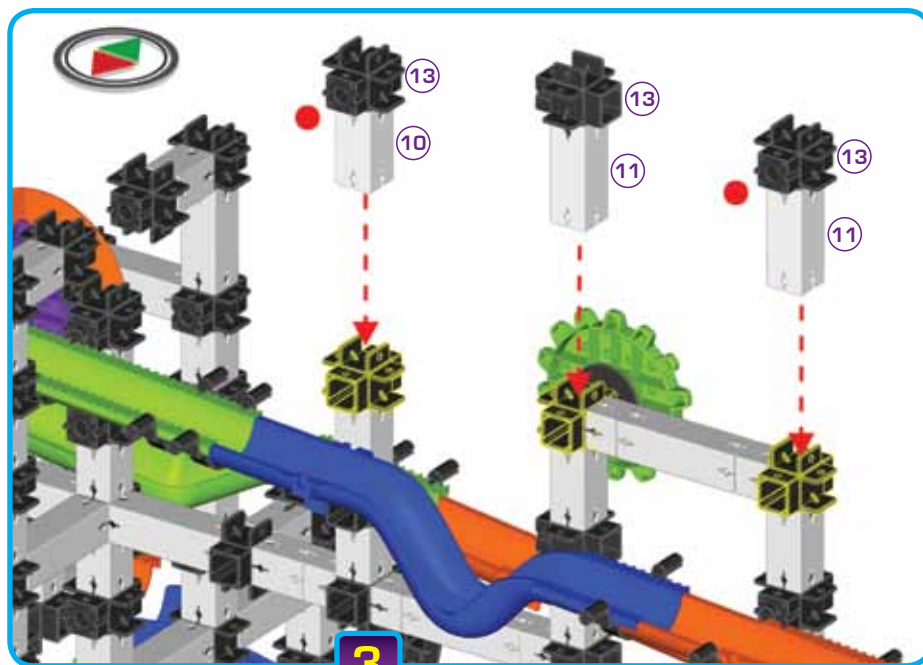
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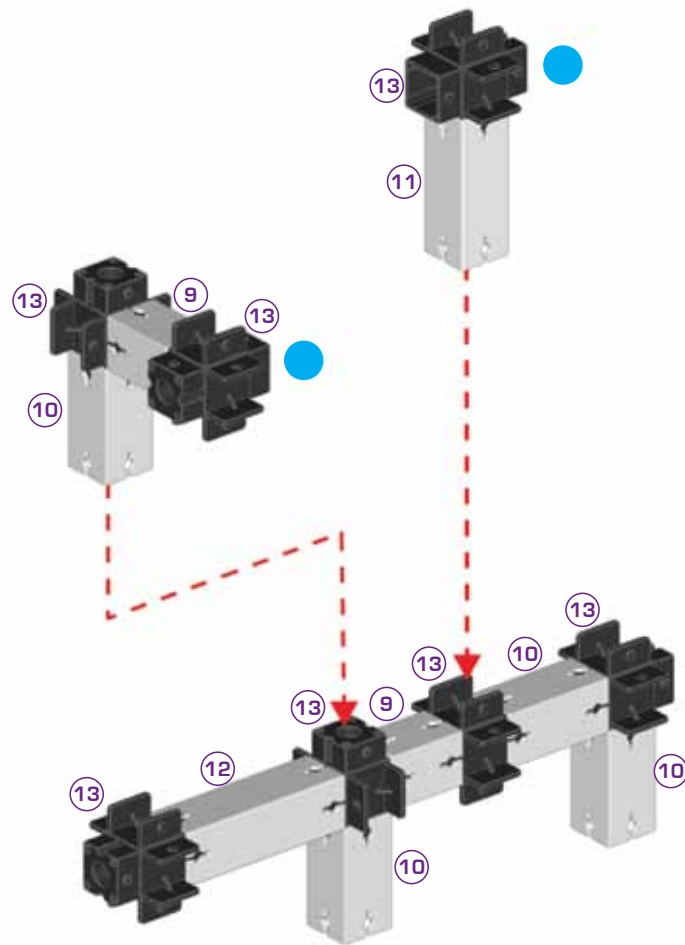


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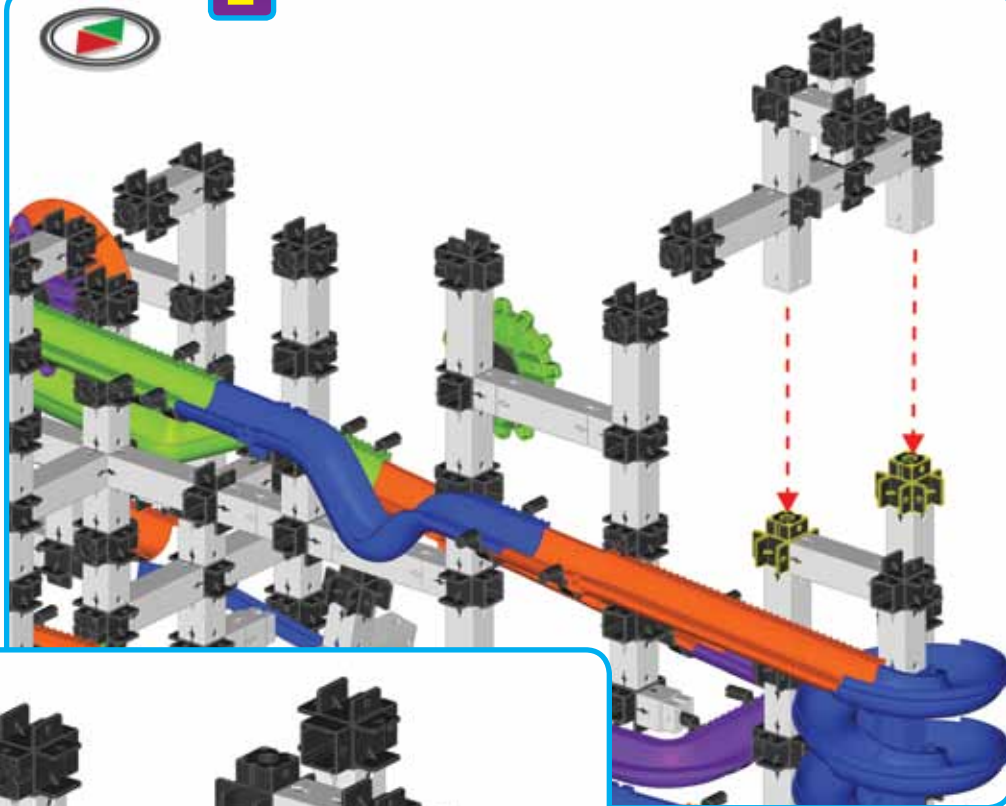


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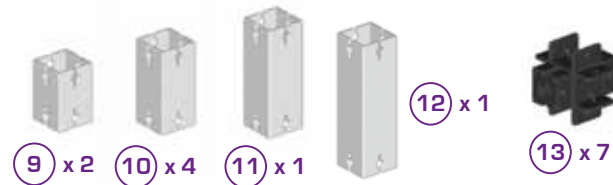
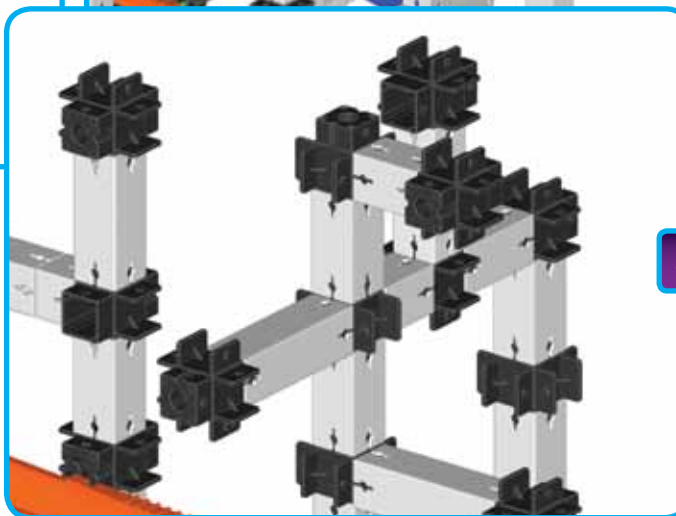
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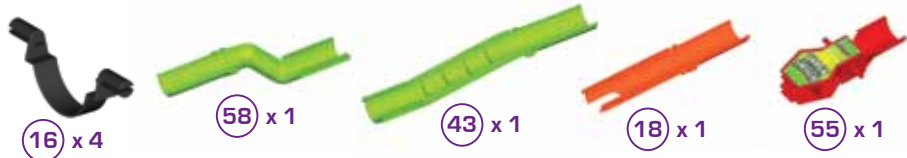


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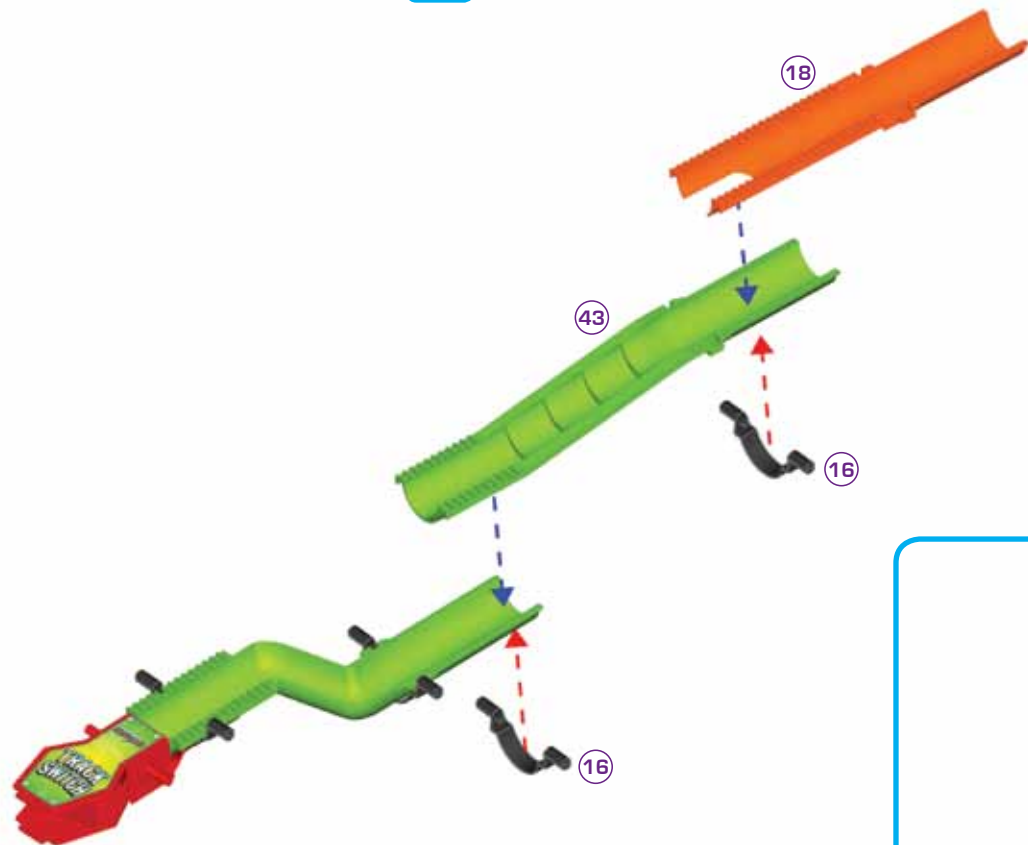




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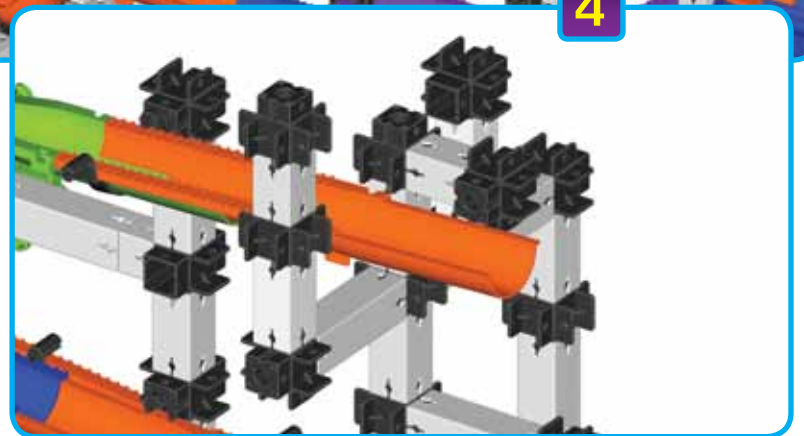
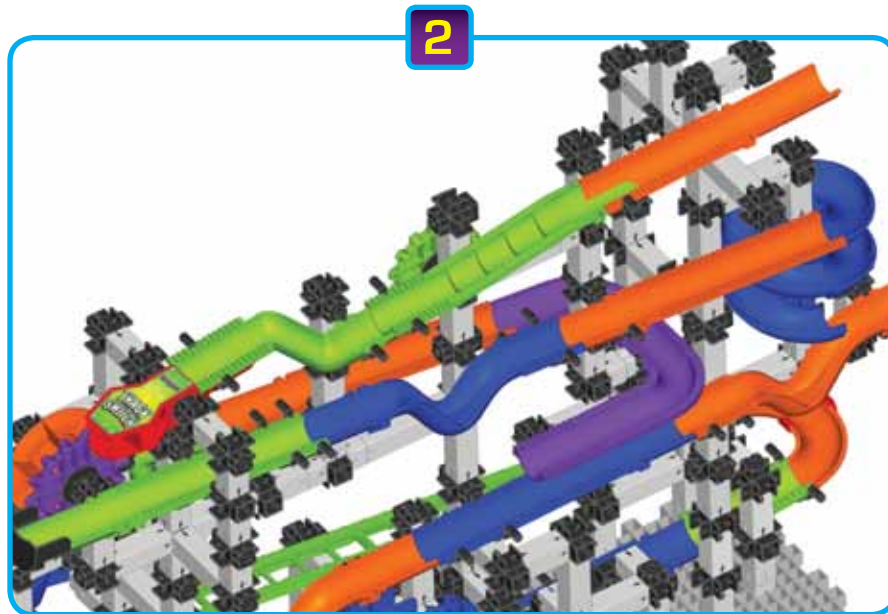
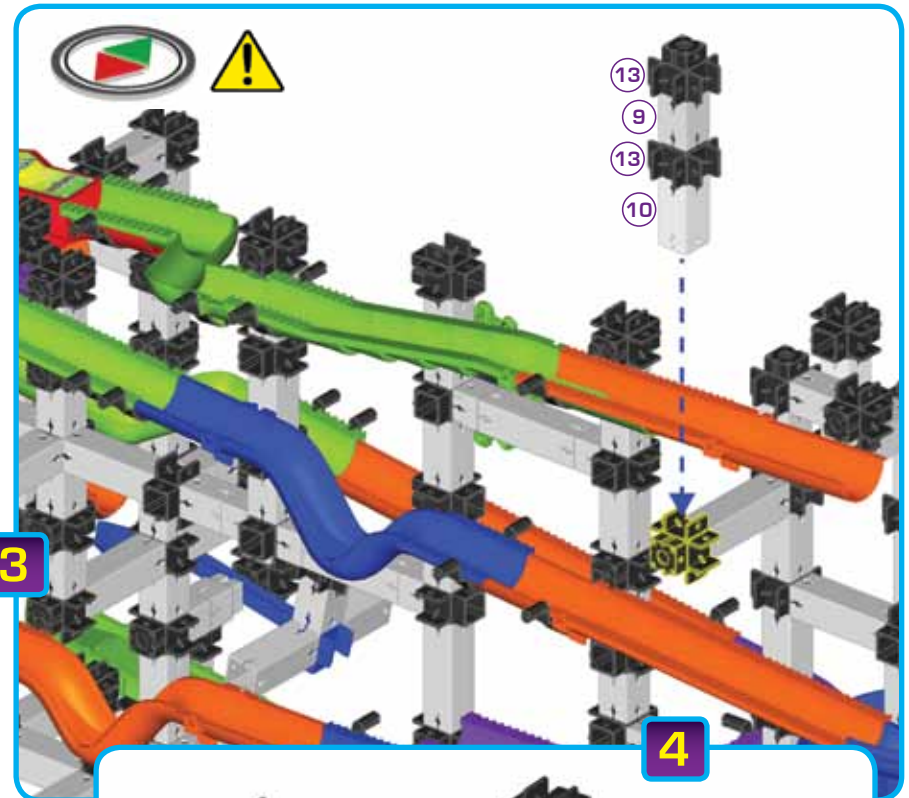
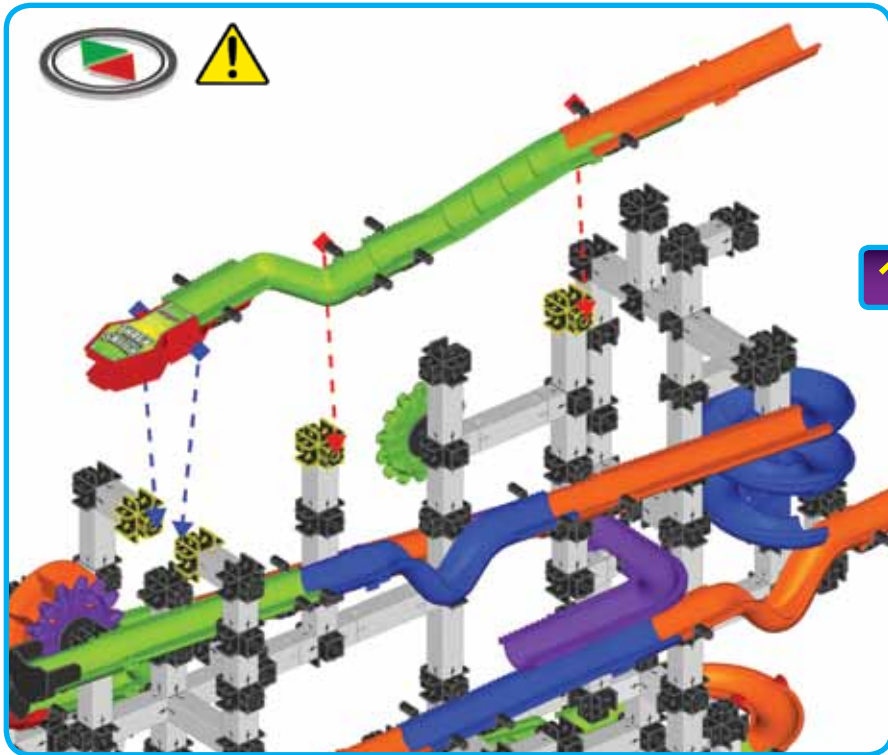


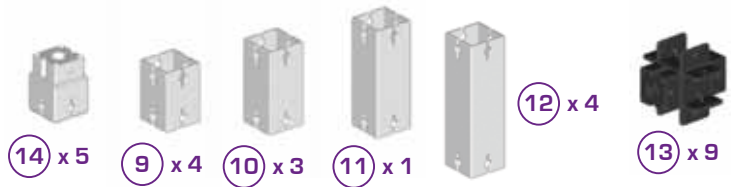
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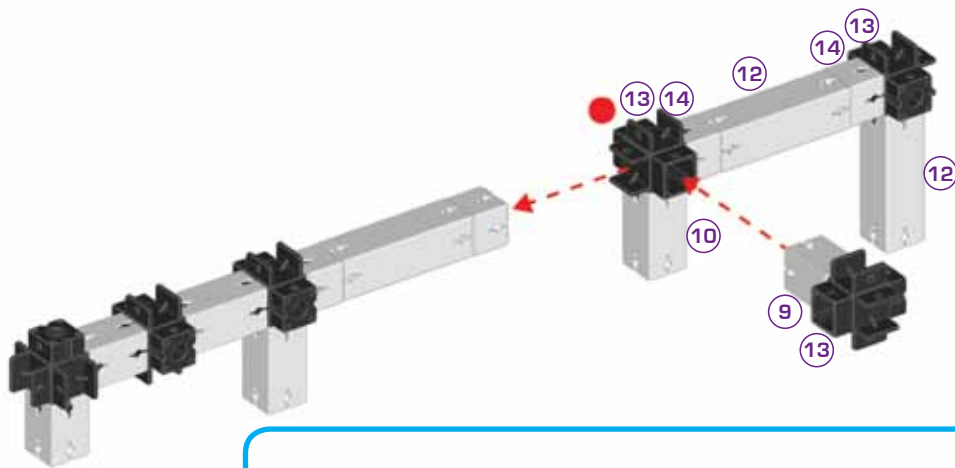
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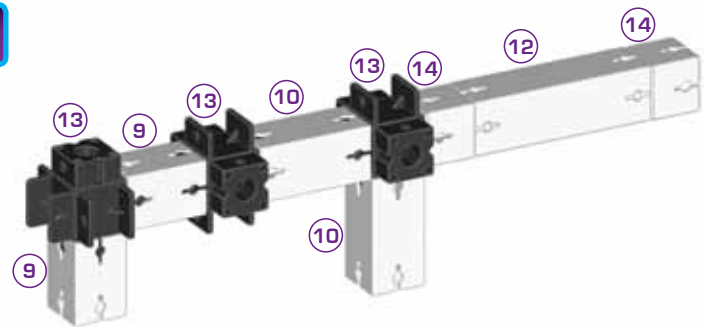




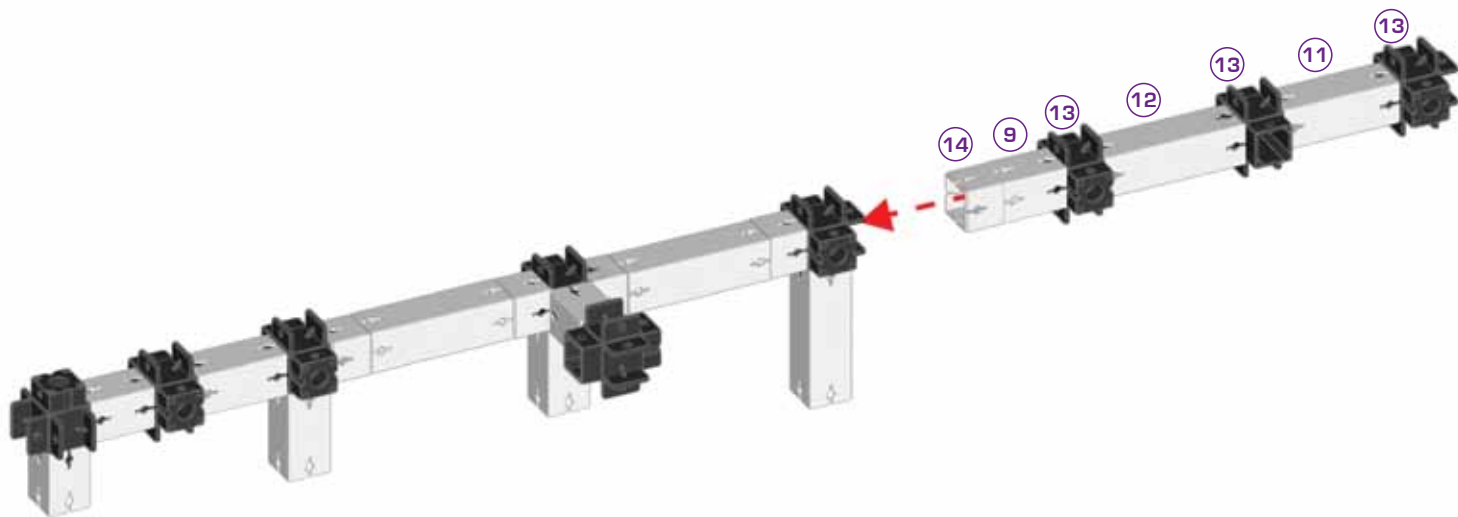
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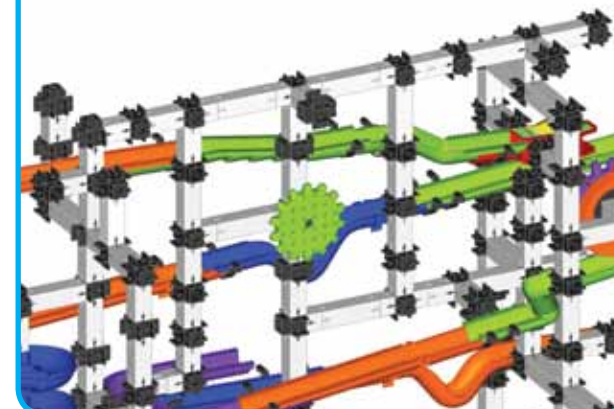
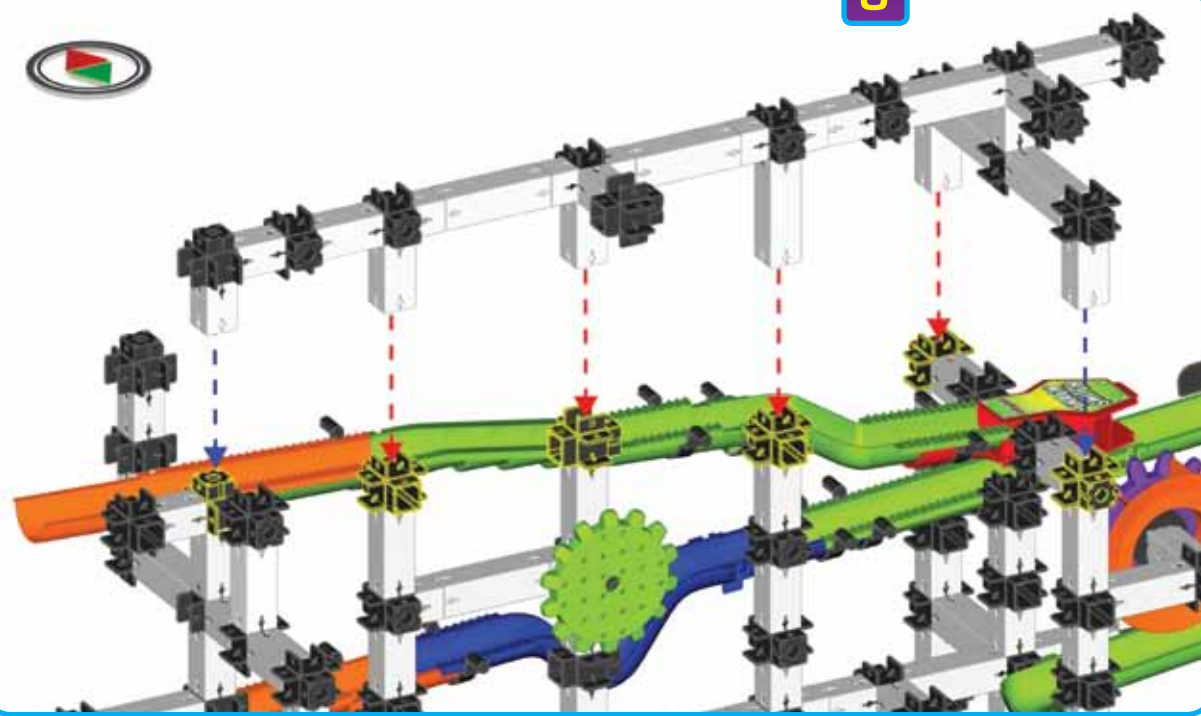
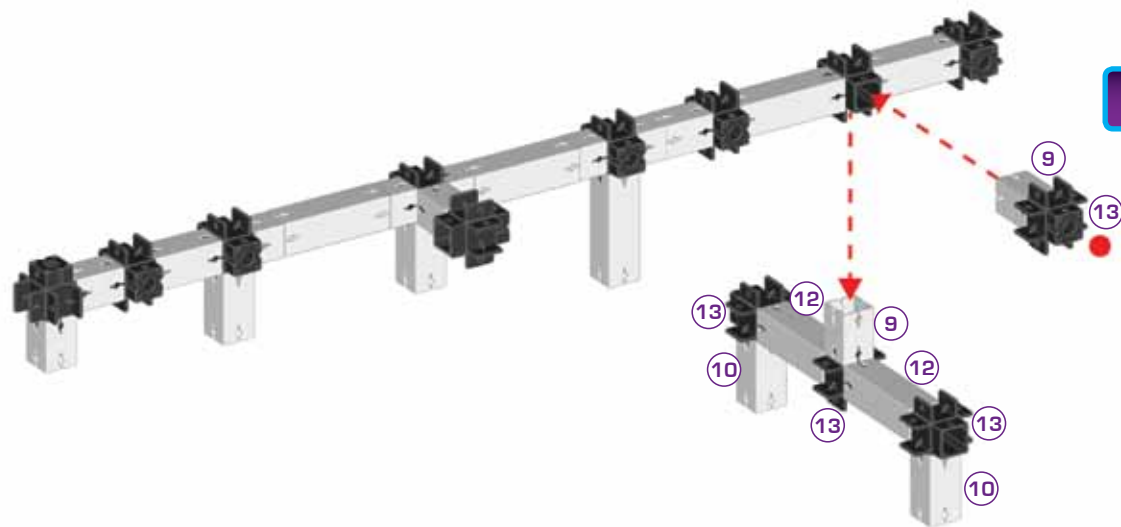


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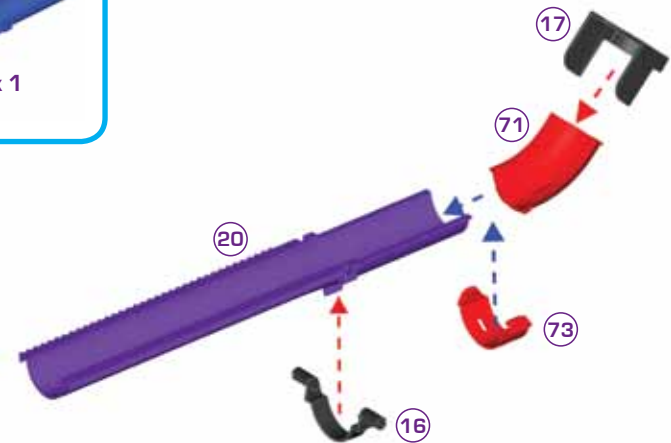
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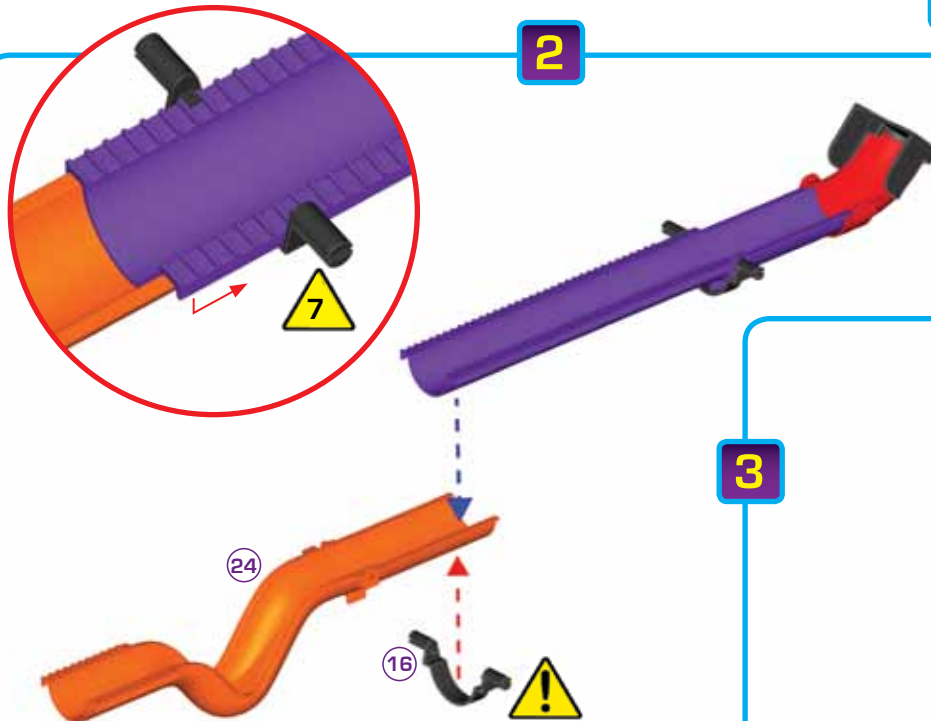




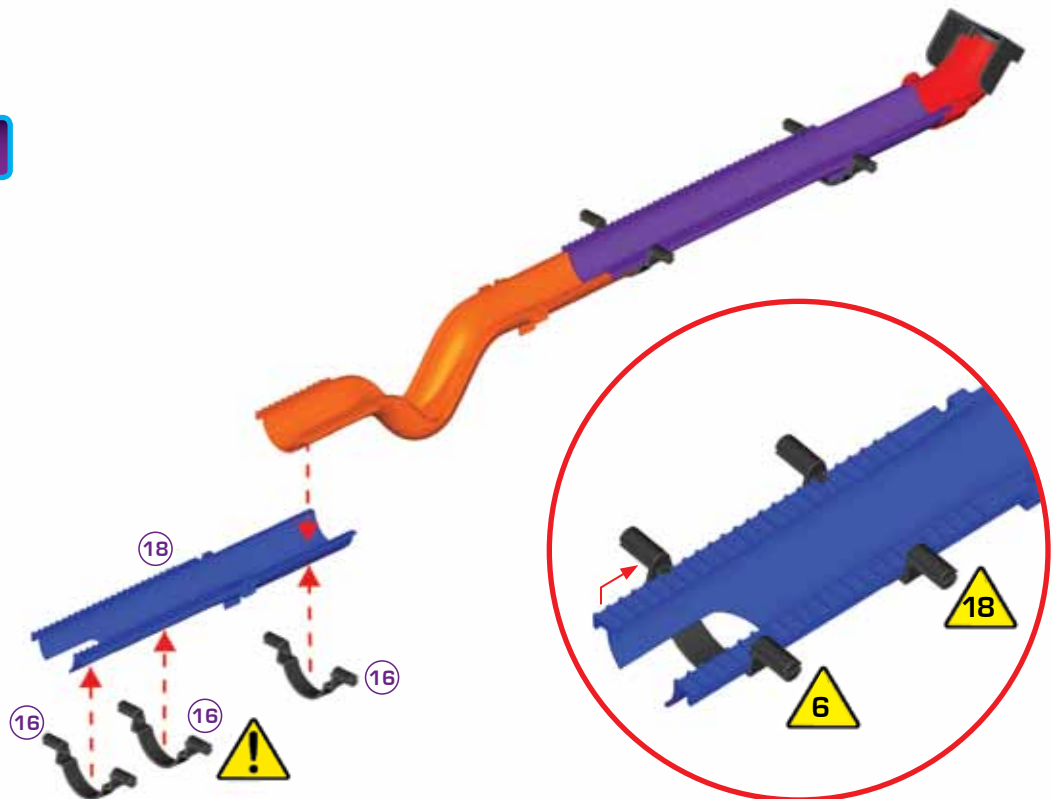
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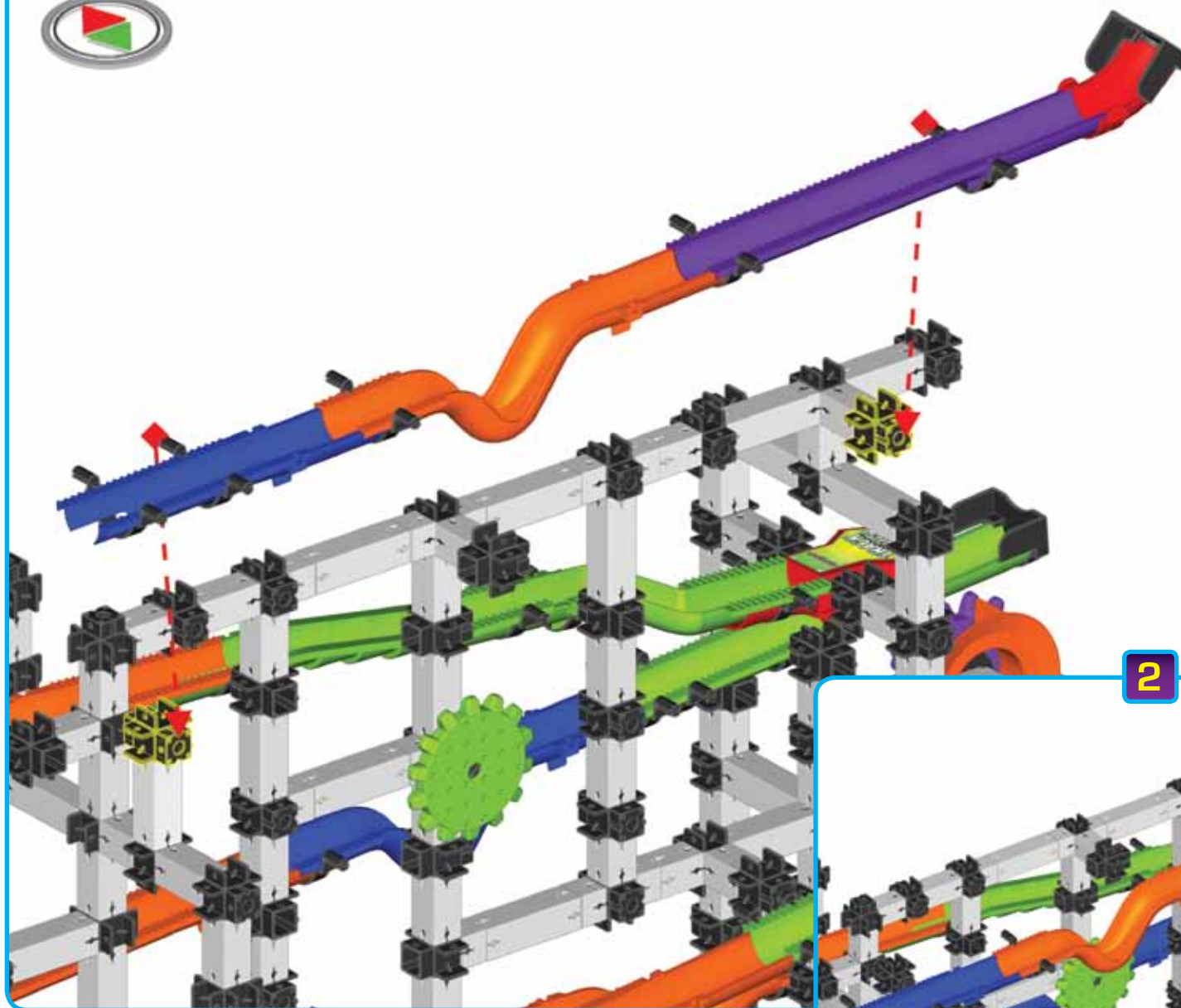


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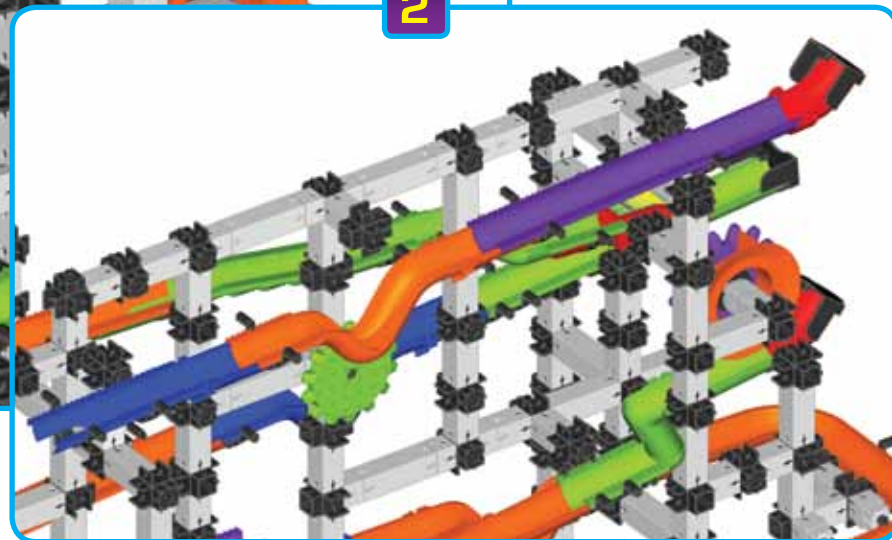
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1

2



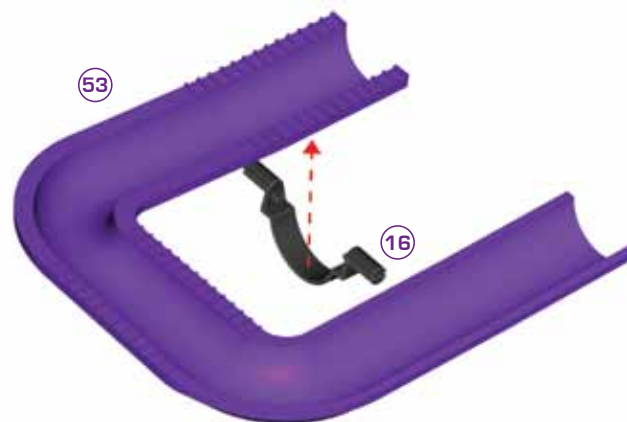


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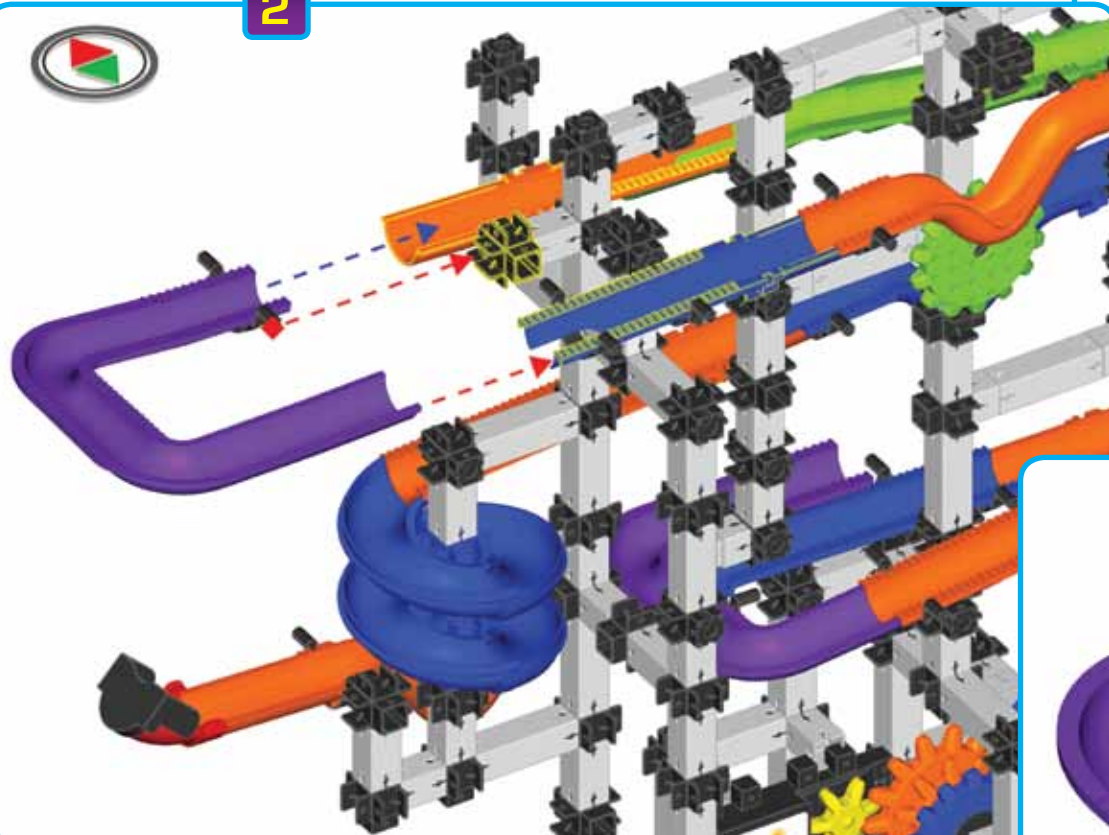


53 x 1

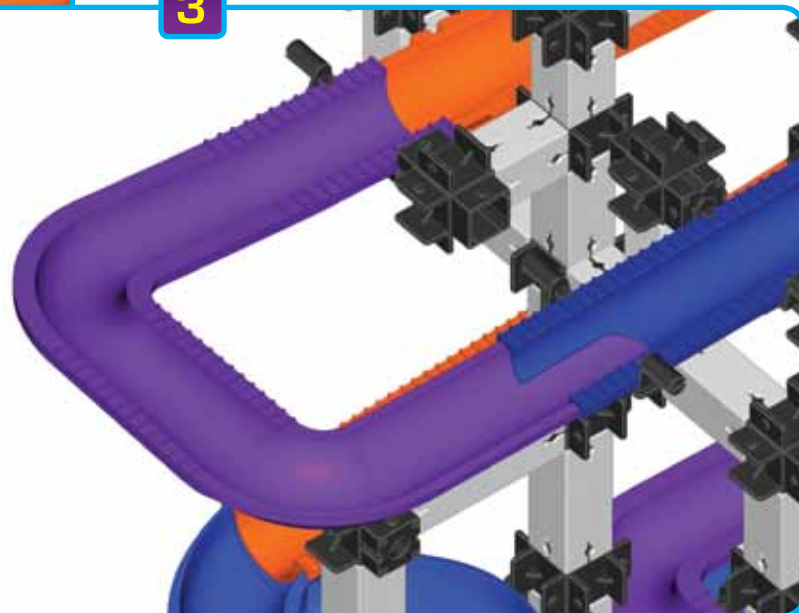
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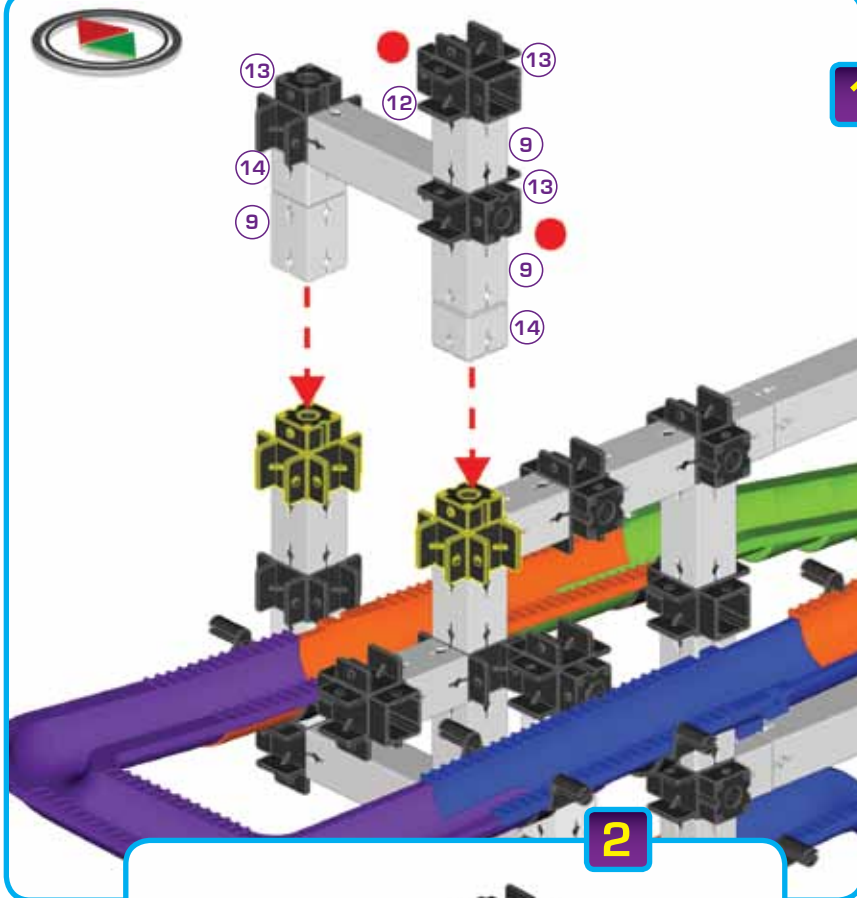


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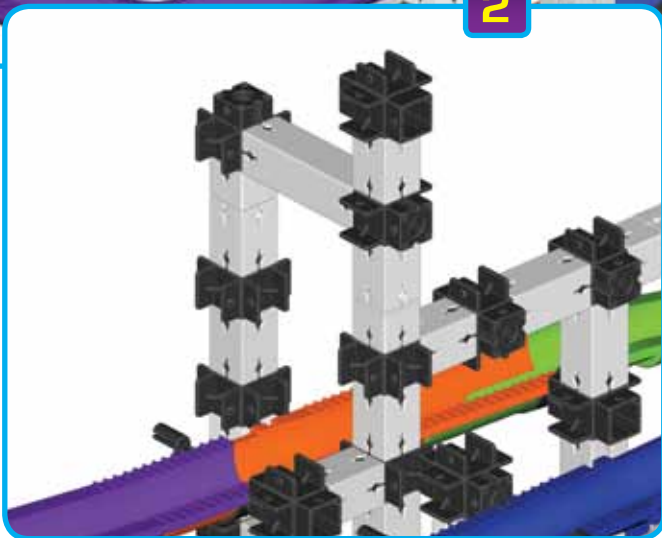




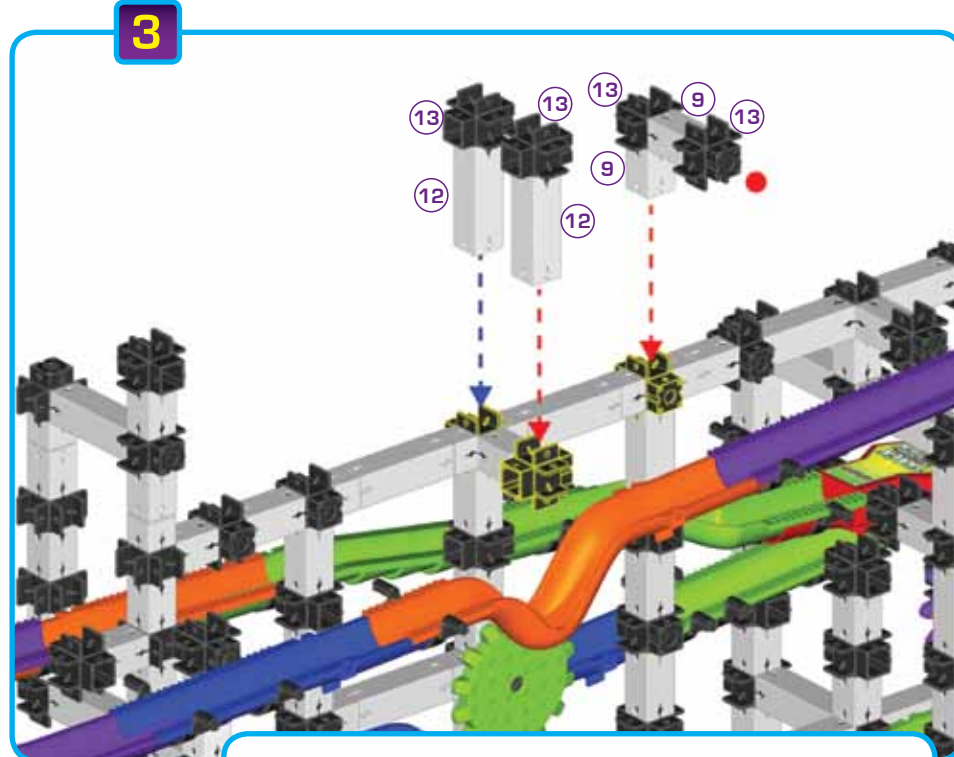
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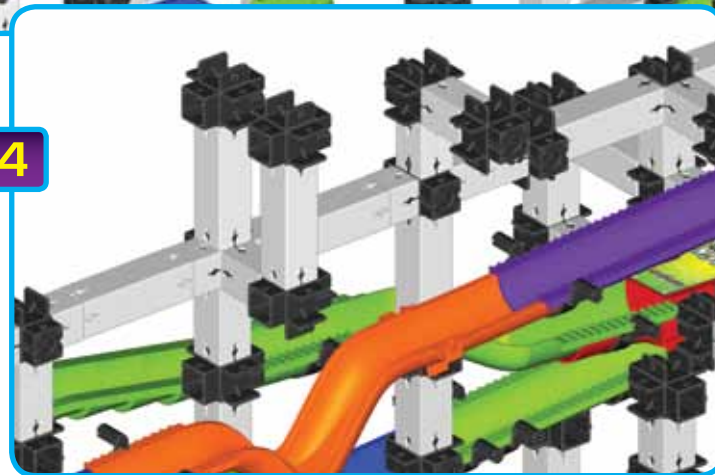
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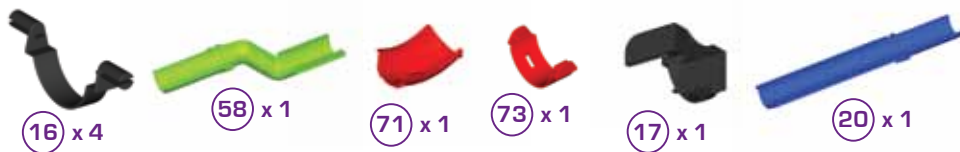


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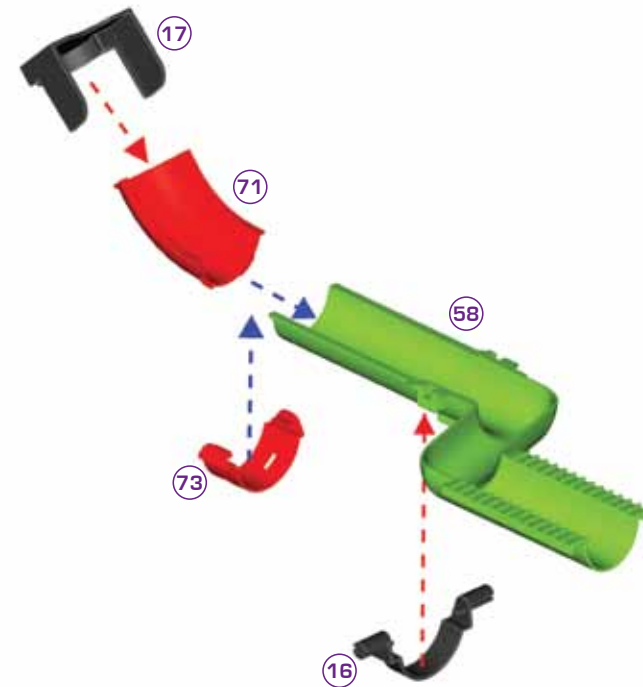


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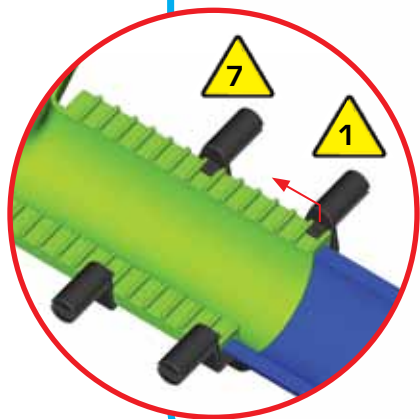


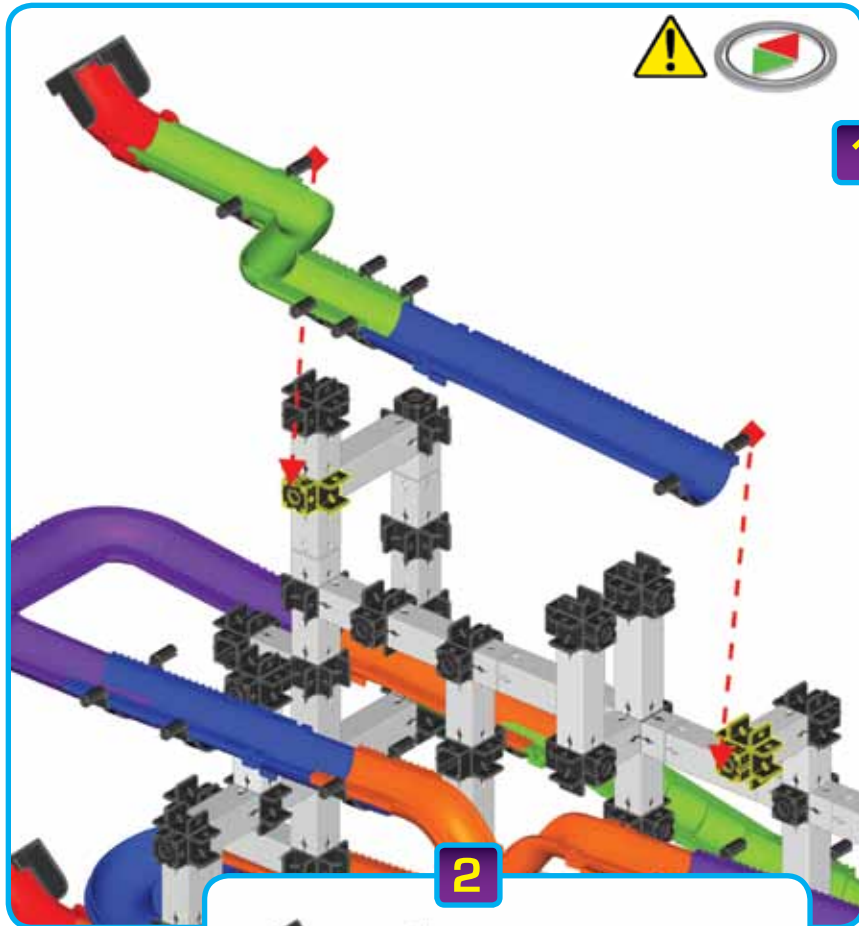


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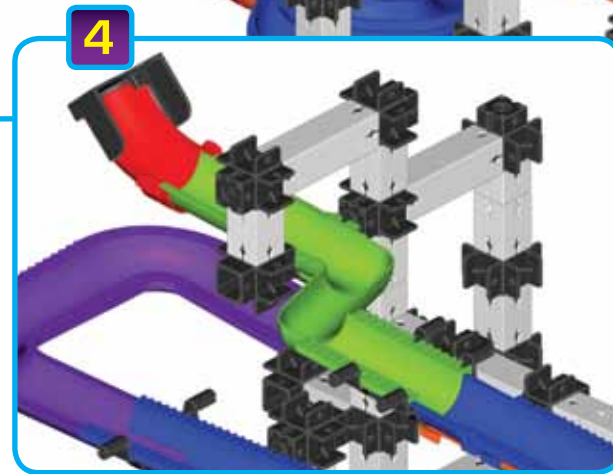
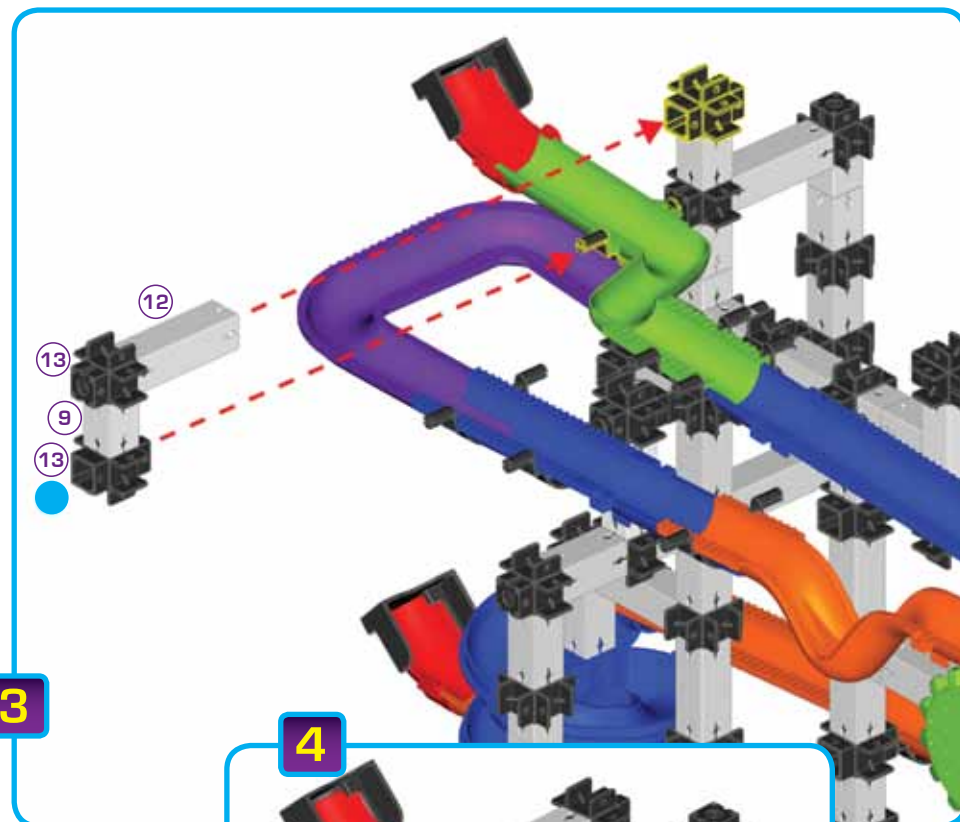


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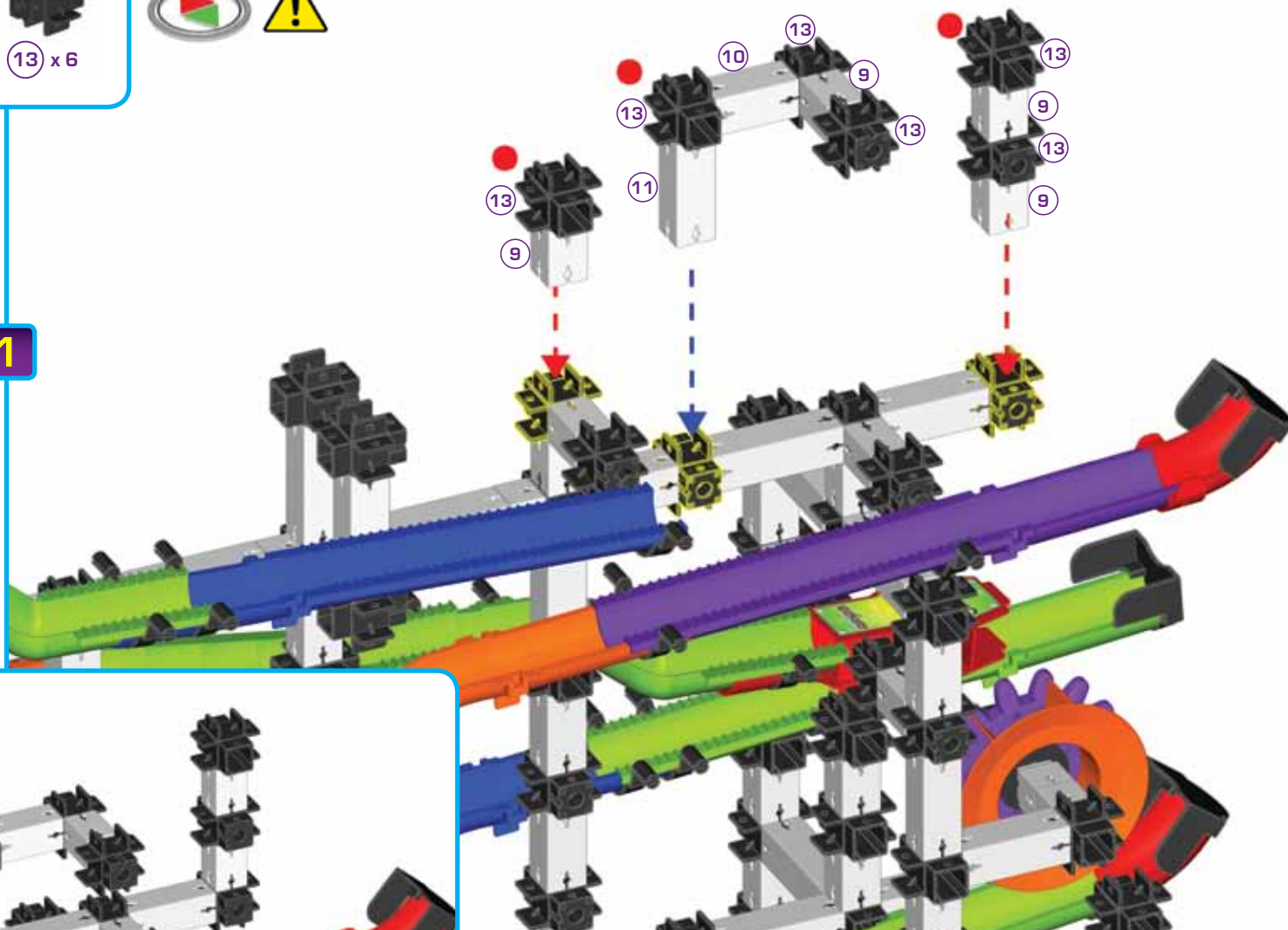




(9) x 4 (10) x 1 (11) x 1 (13) x 6



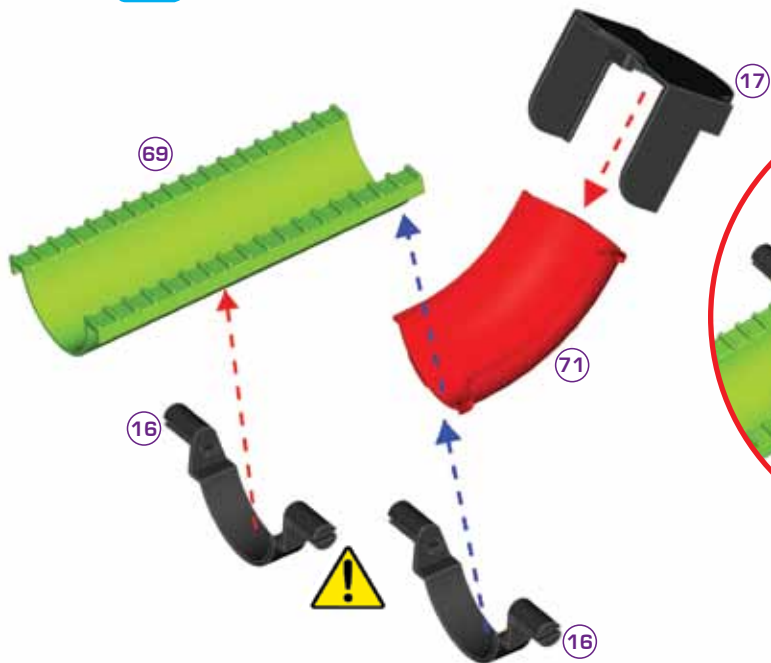
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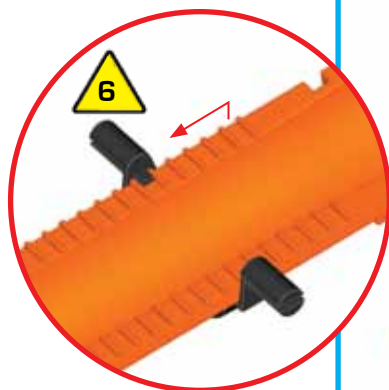
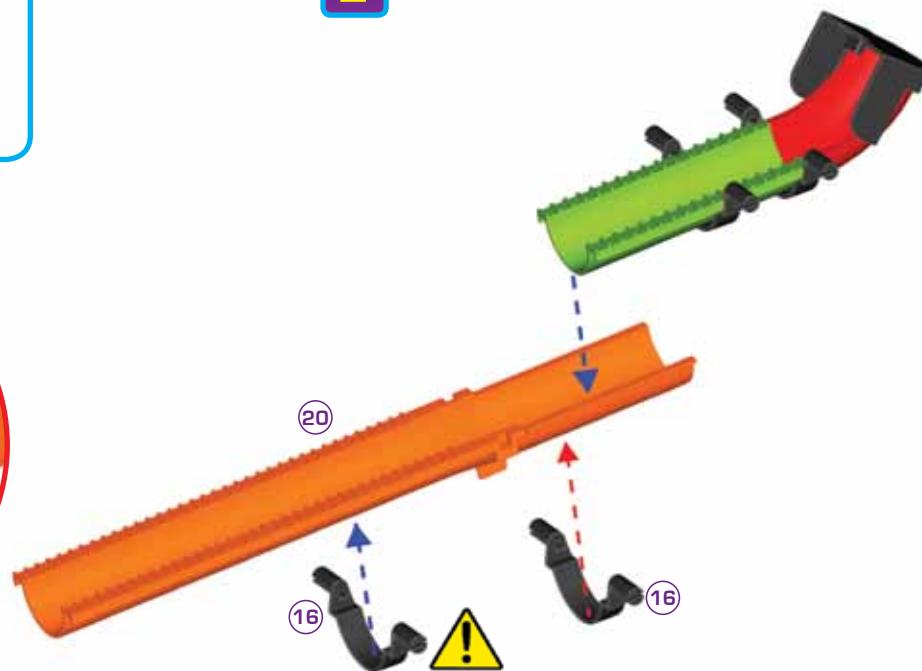
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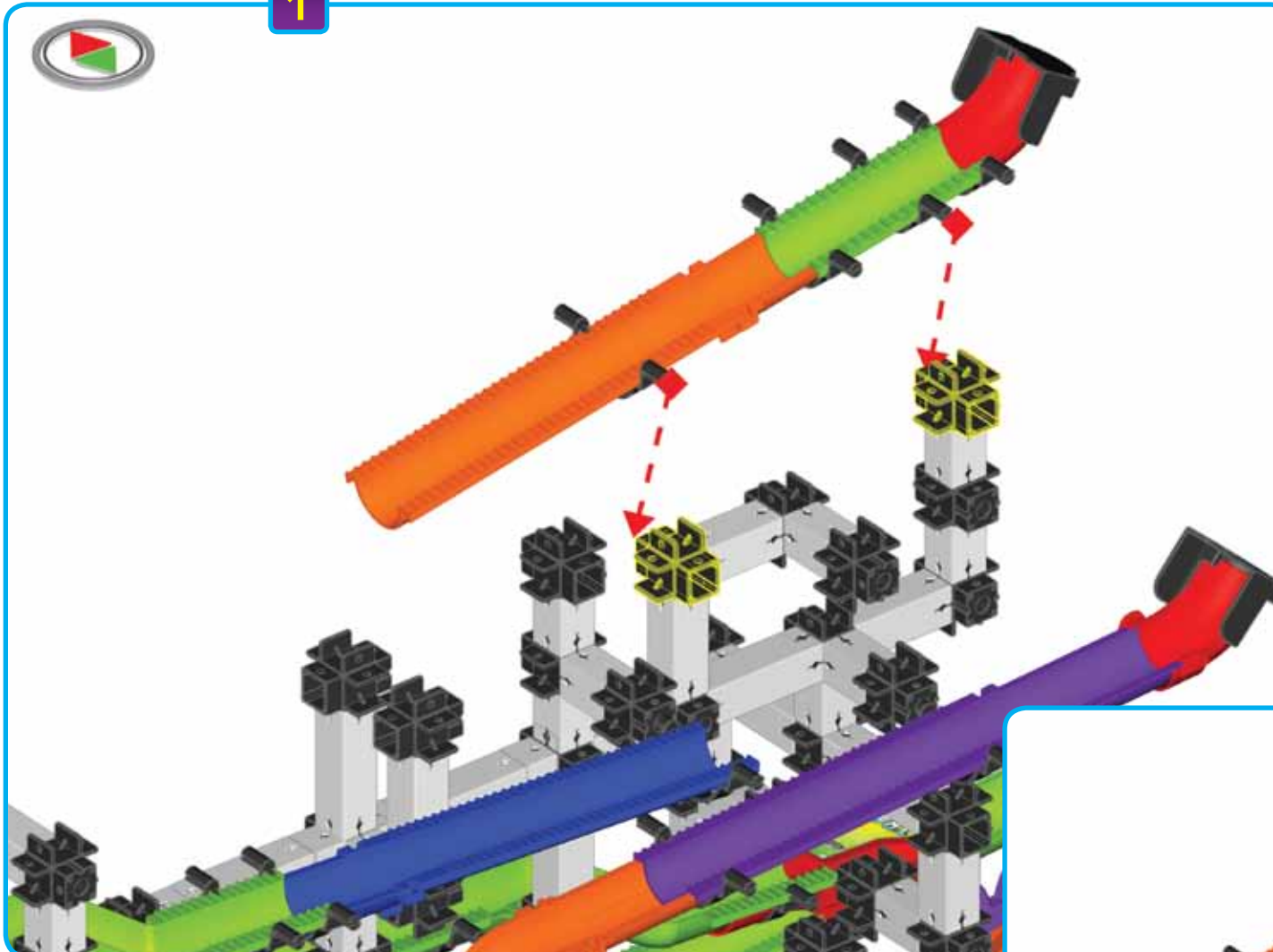
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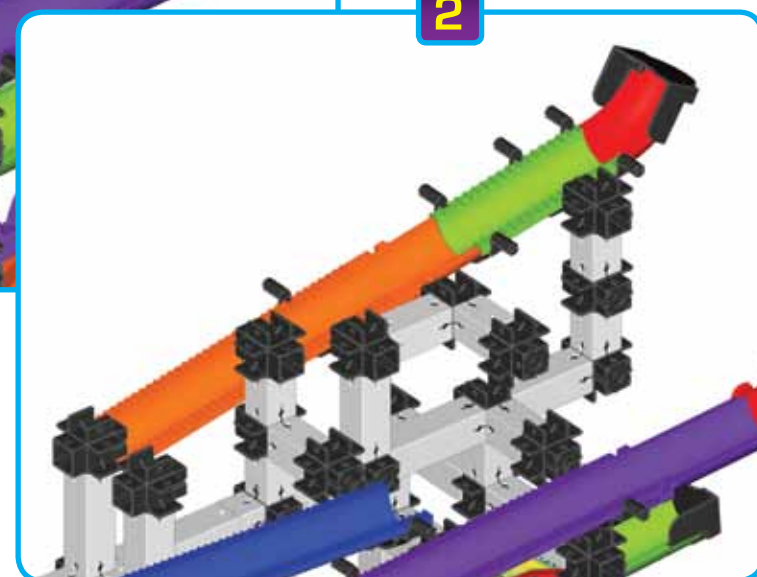
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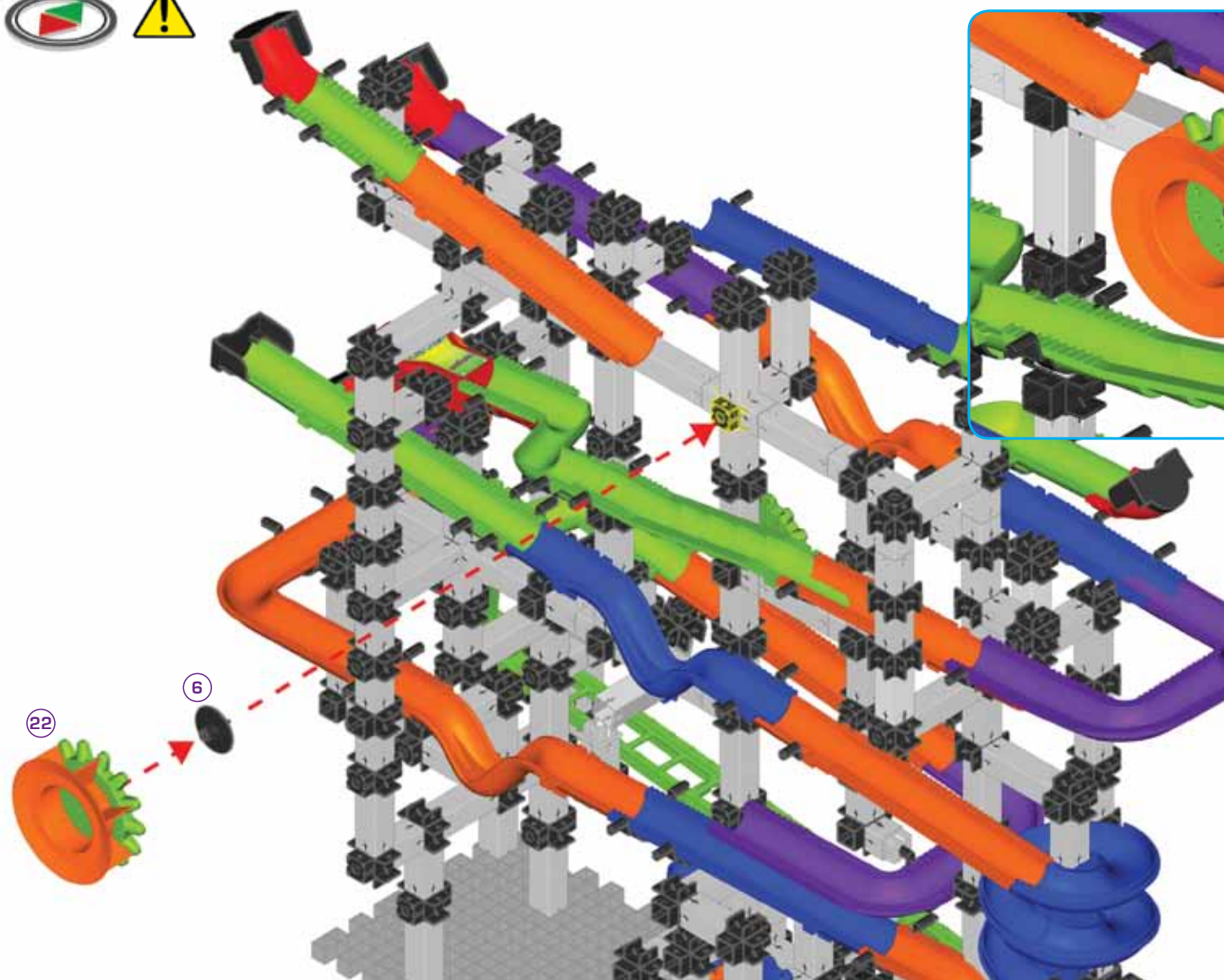


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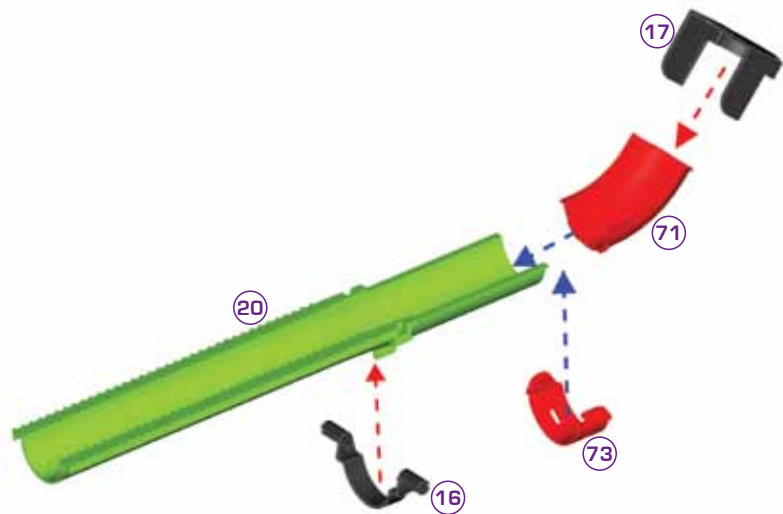
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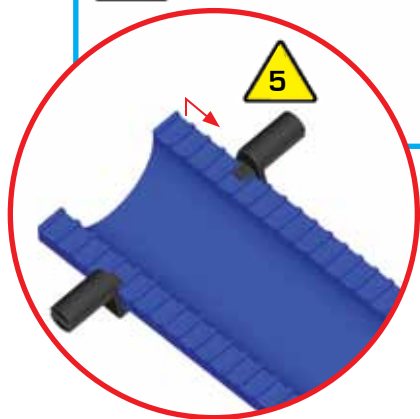
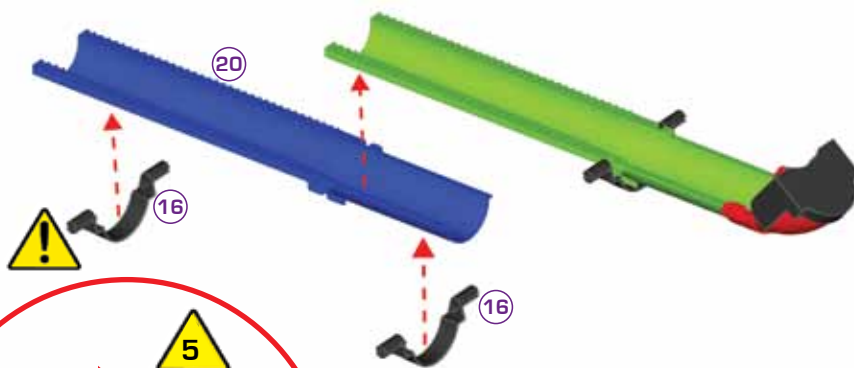




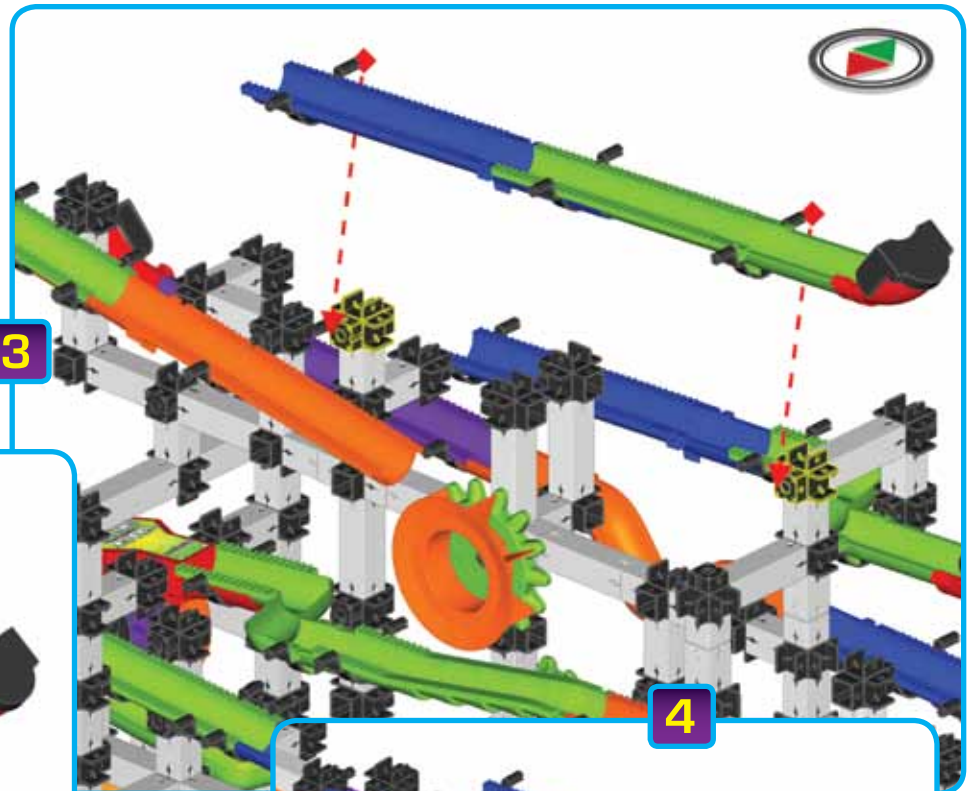
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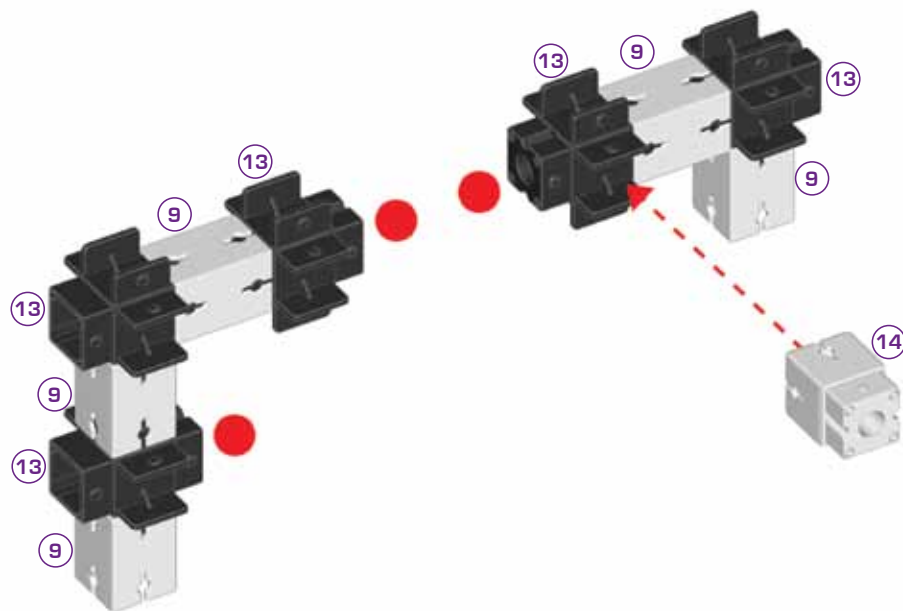


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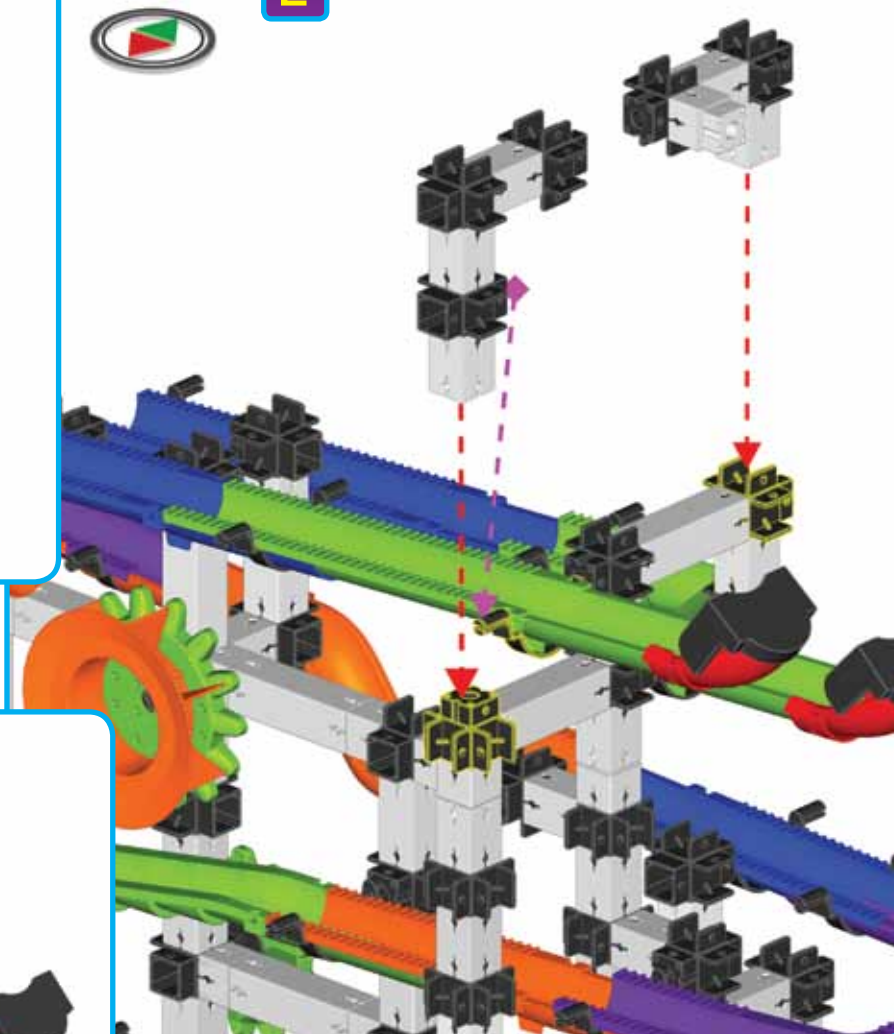




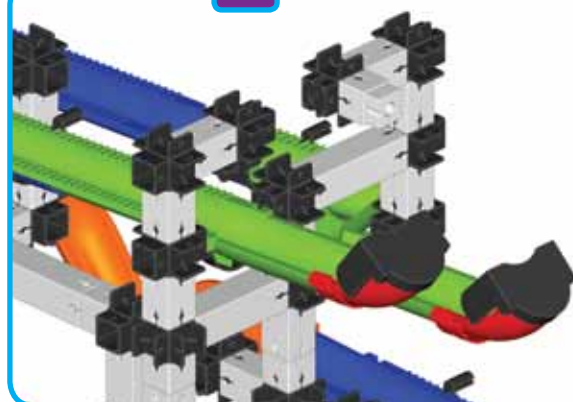
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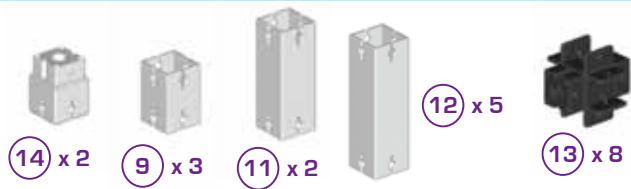


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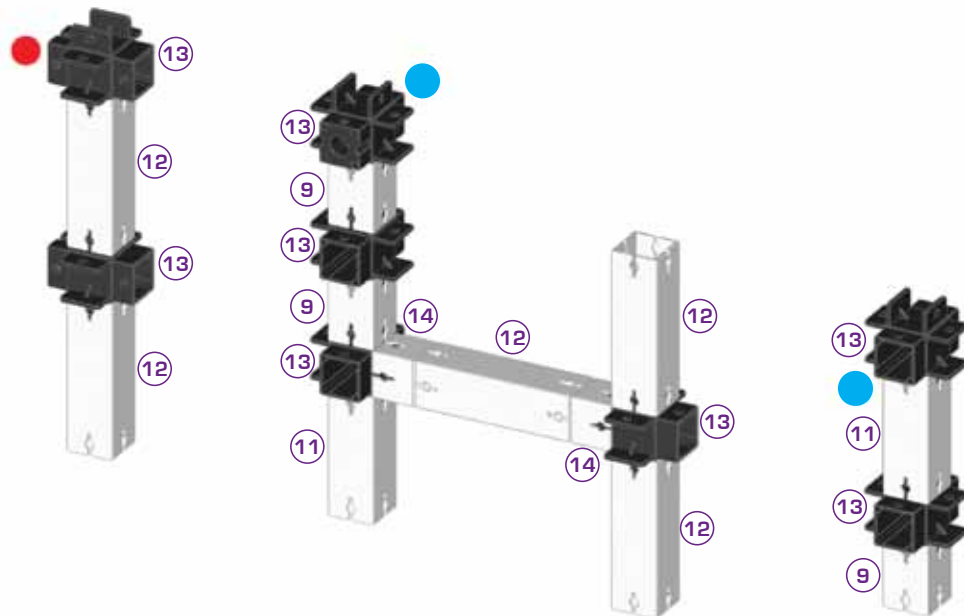


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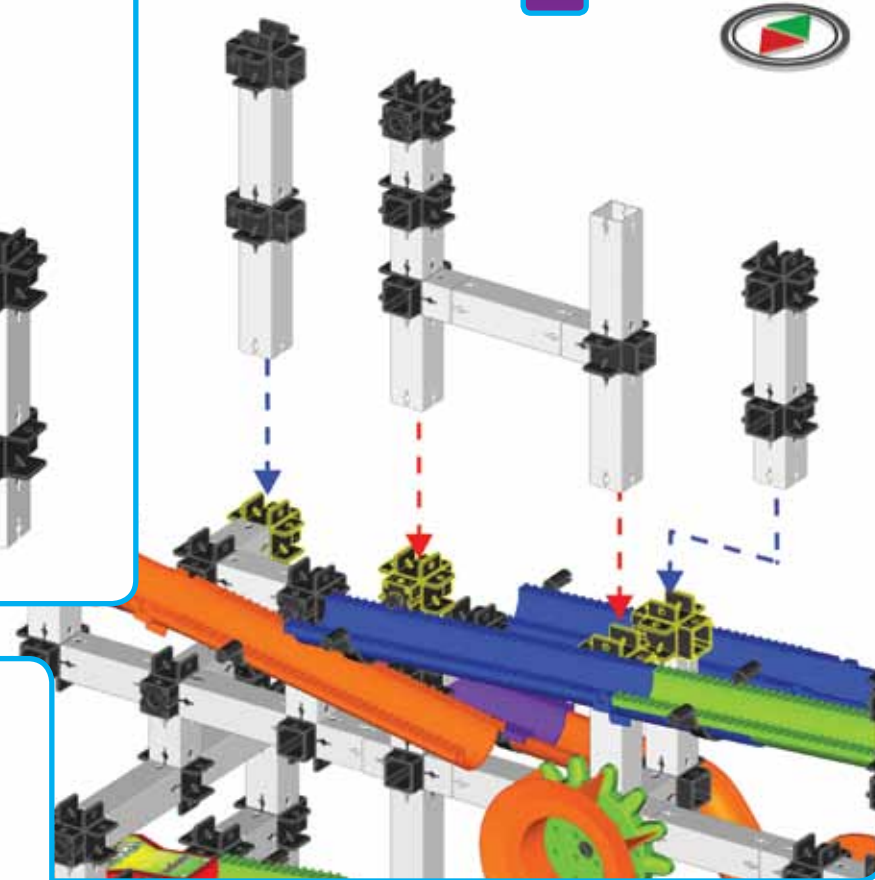




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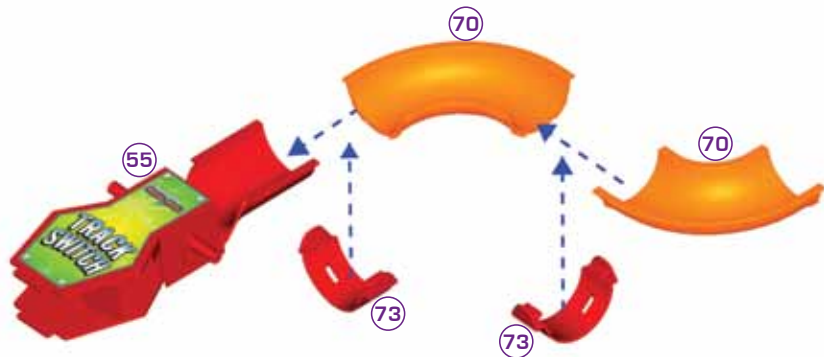
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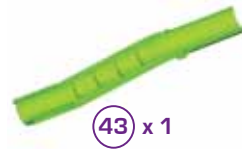
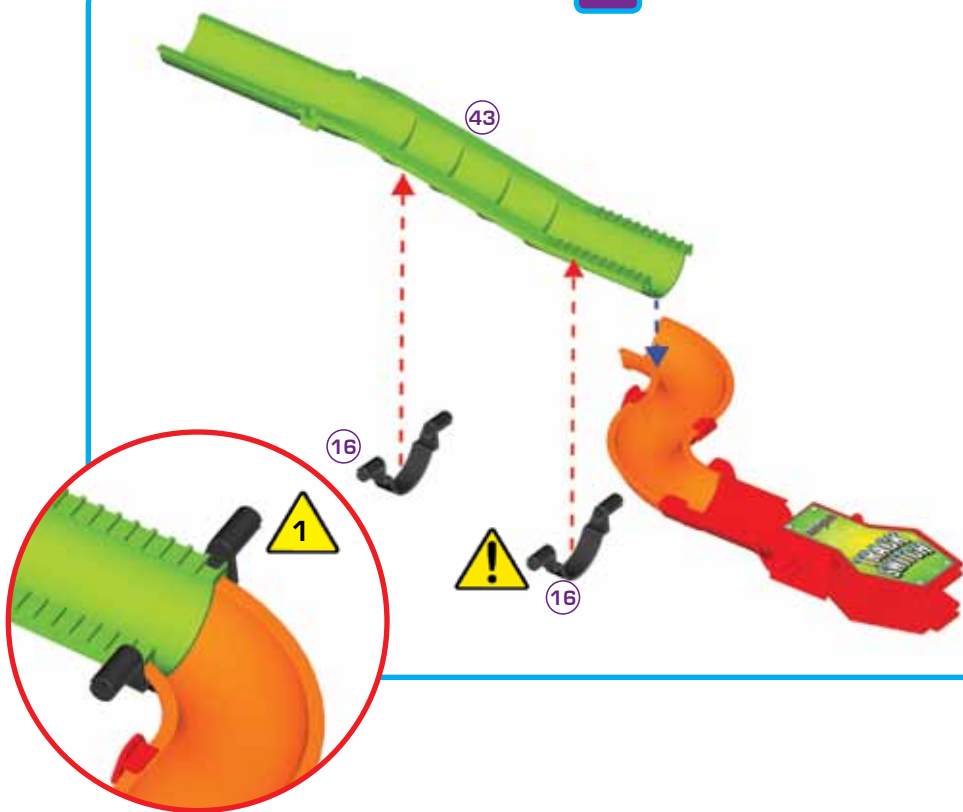
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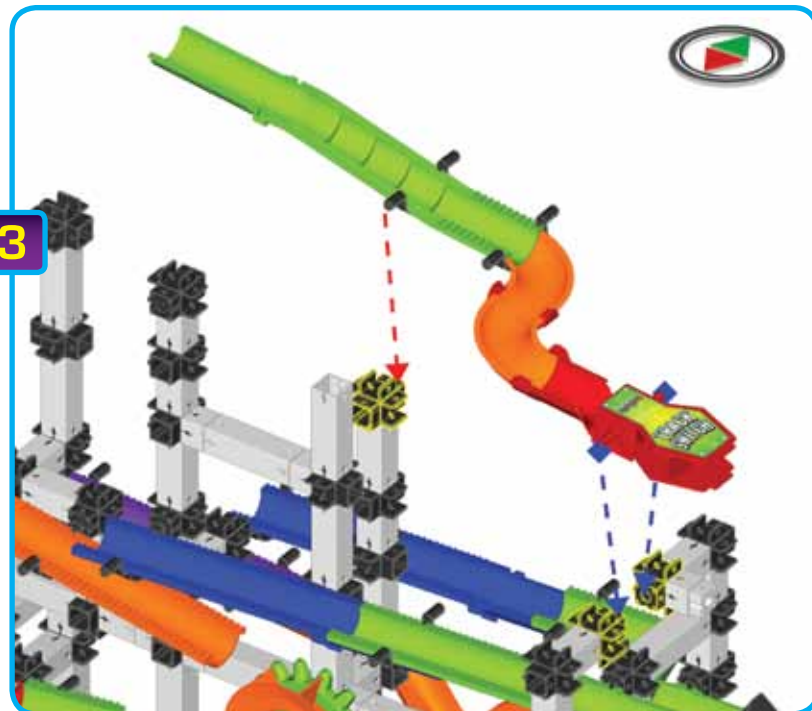
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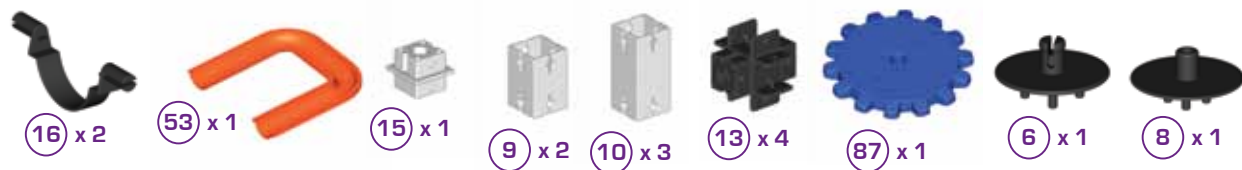
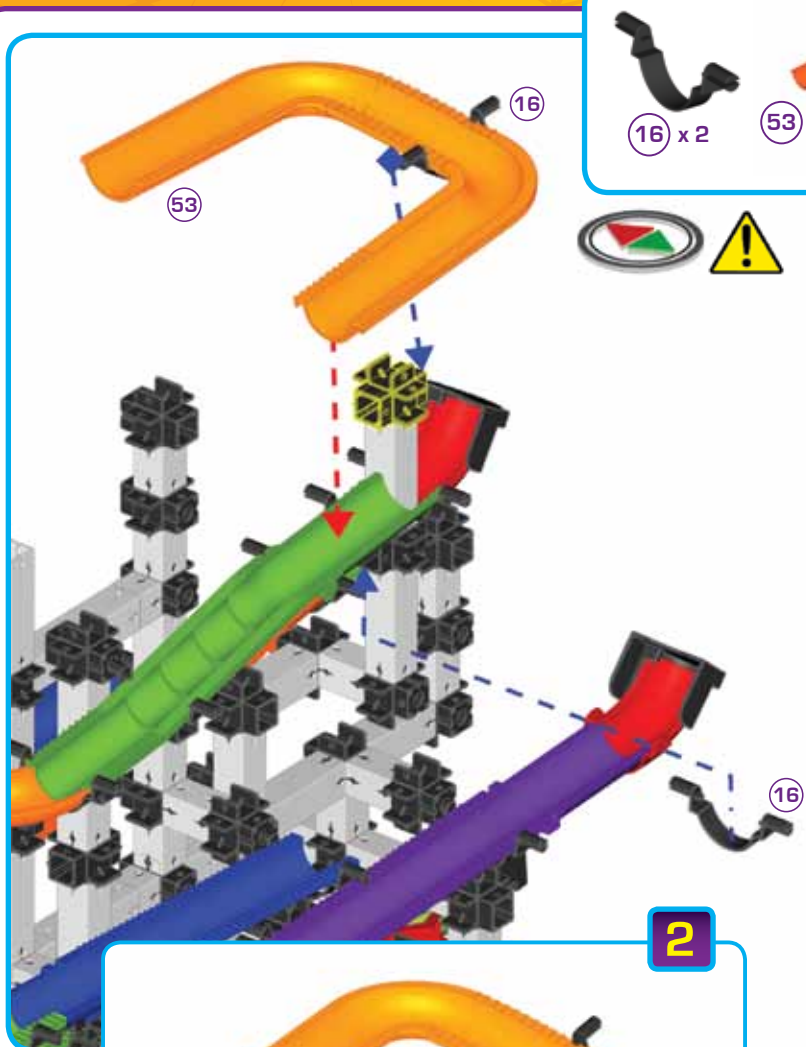


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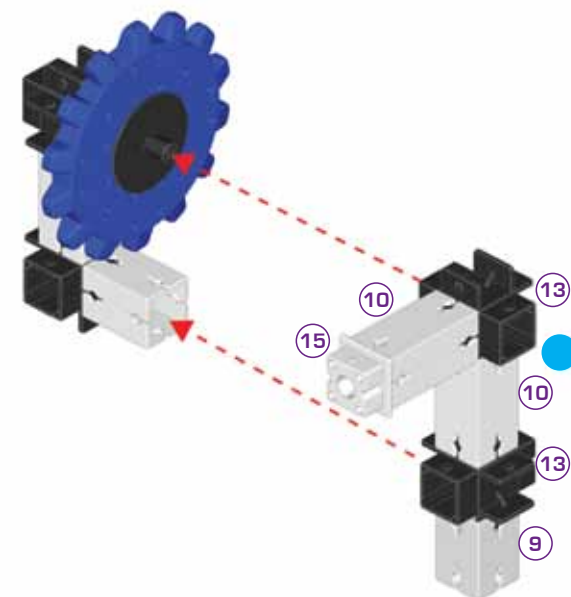
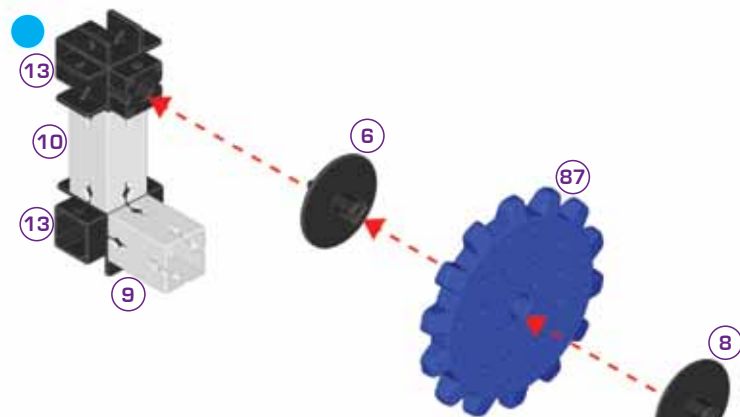




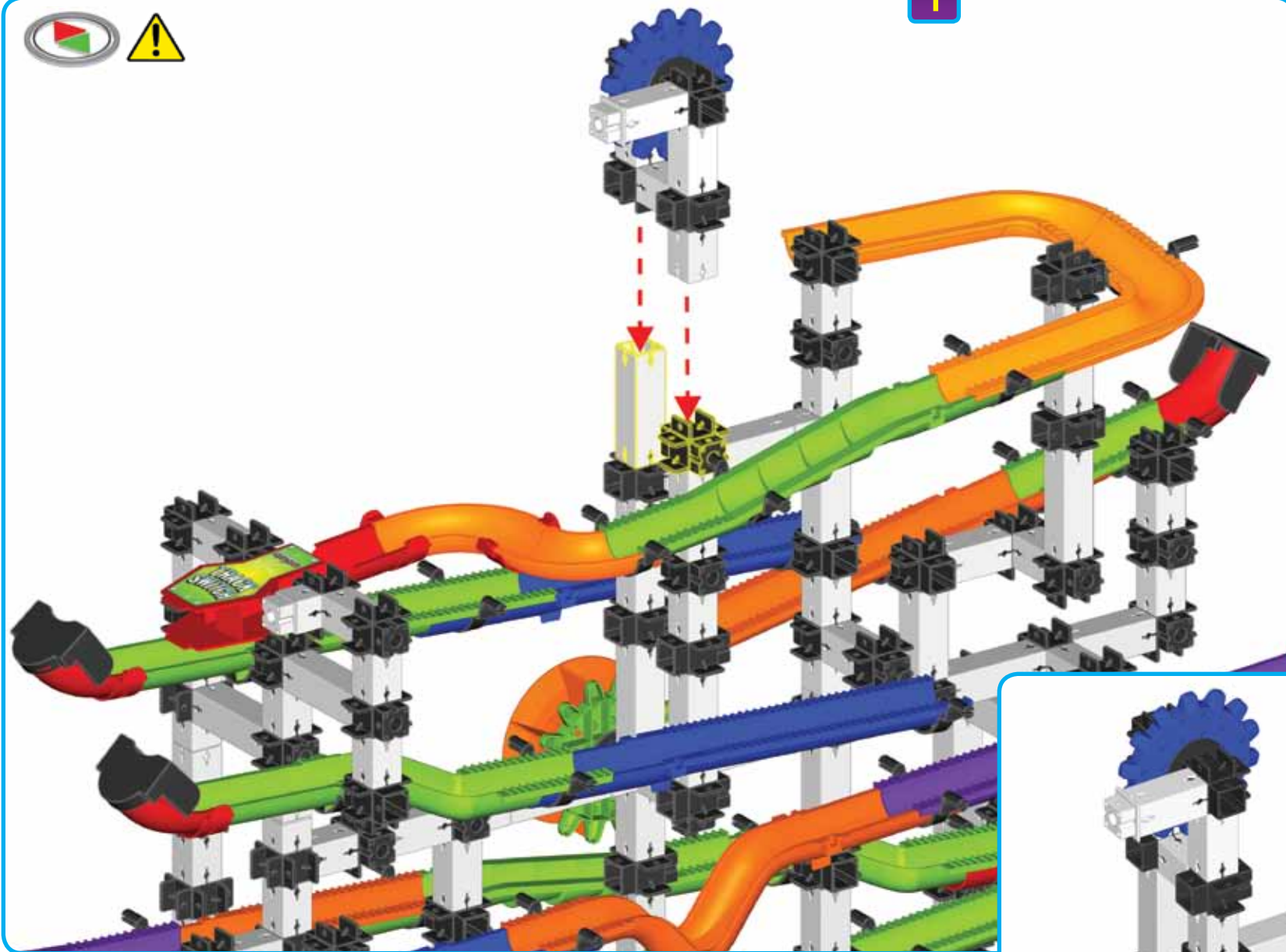
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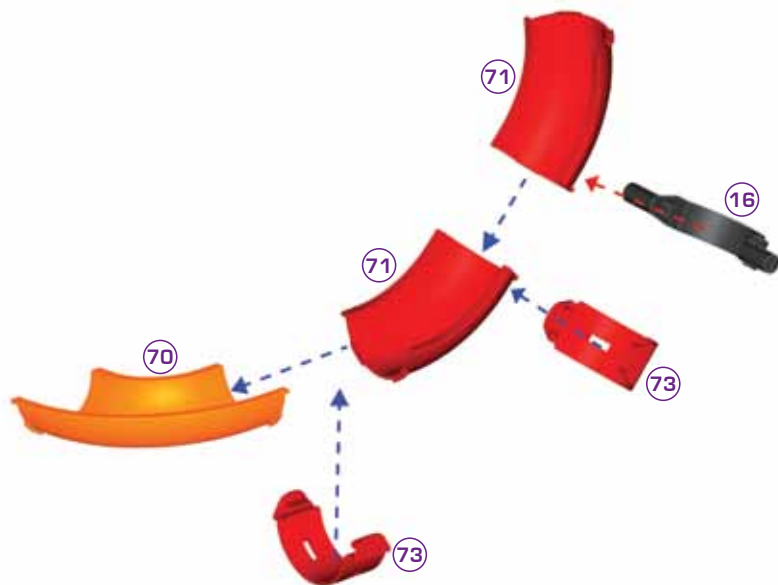
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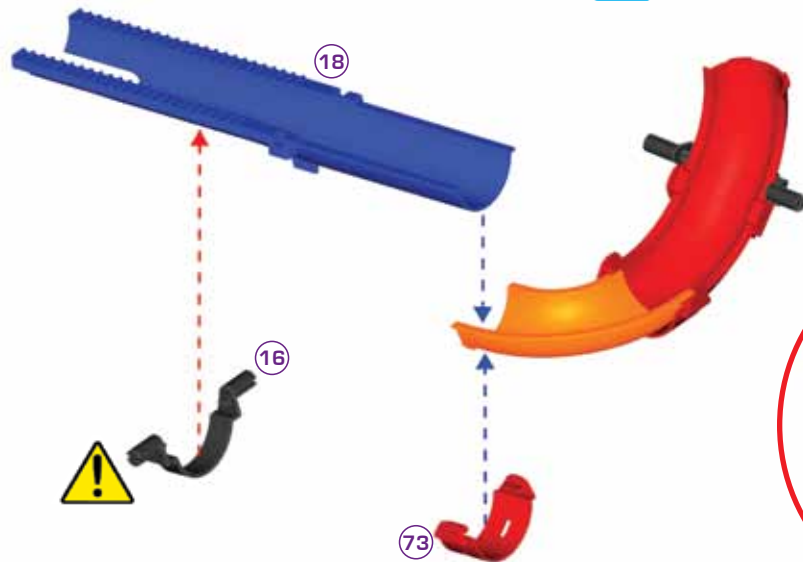
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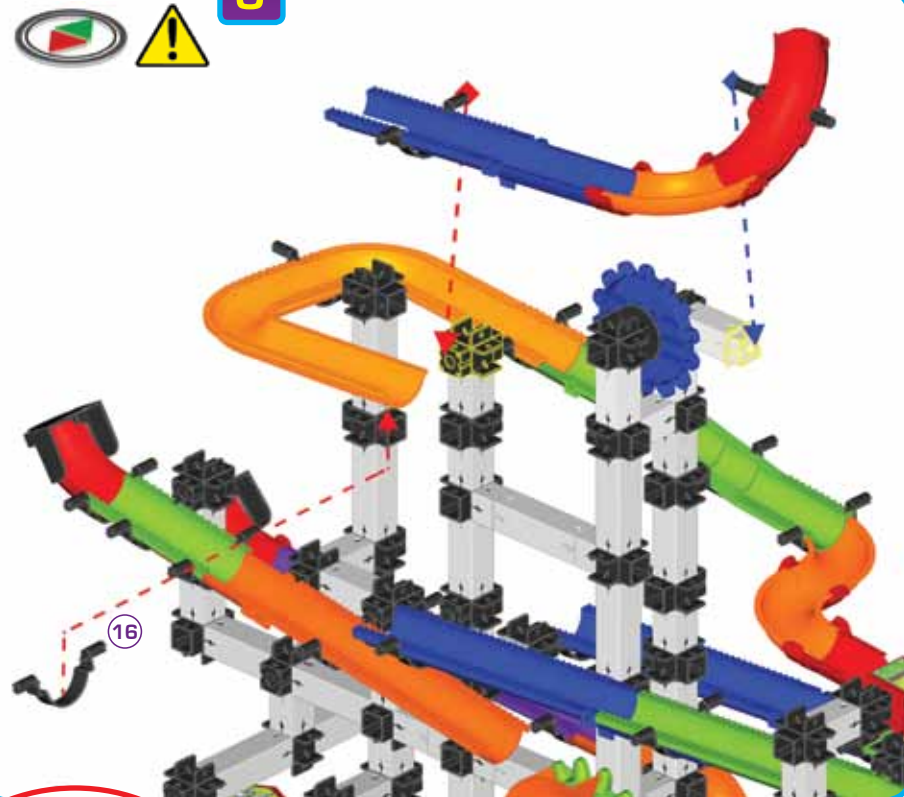
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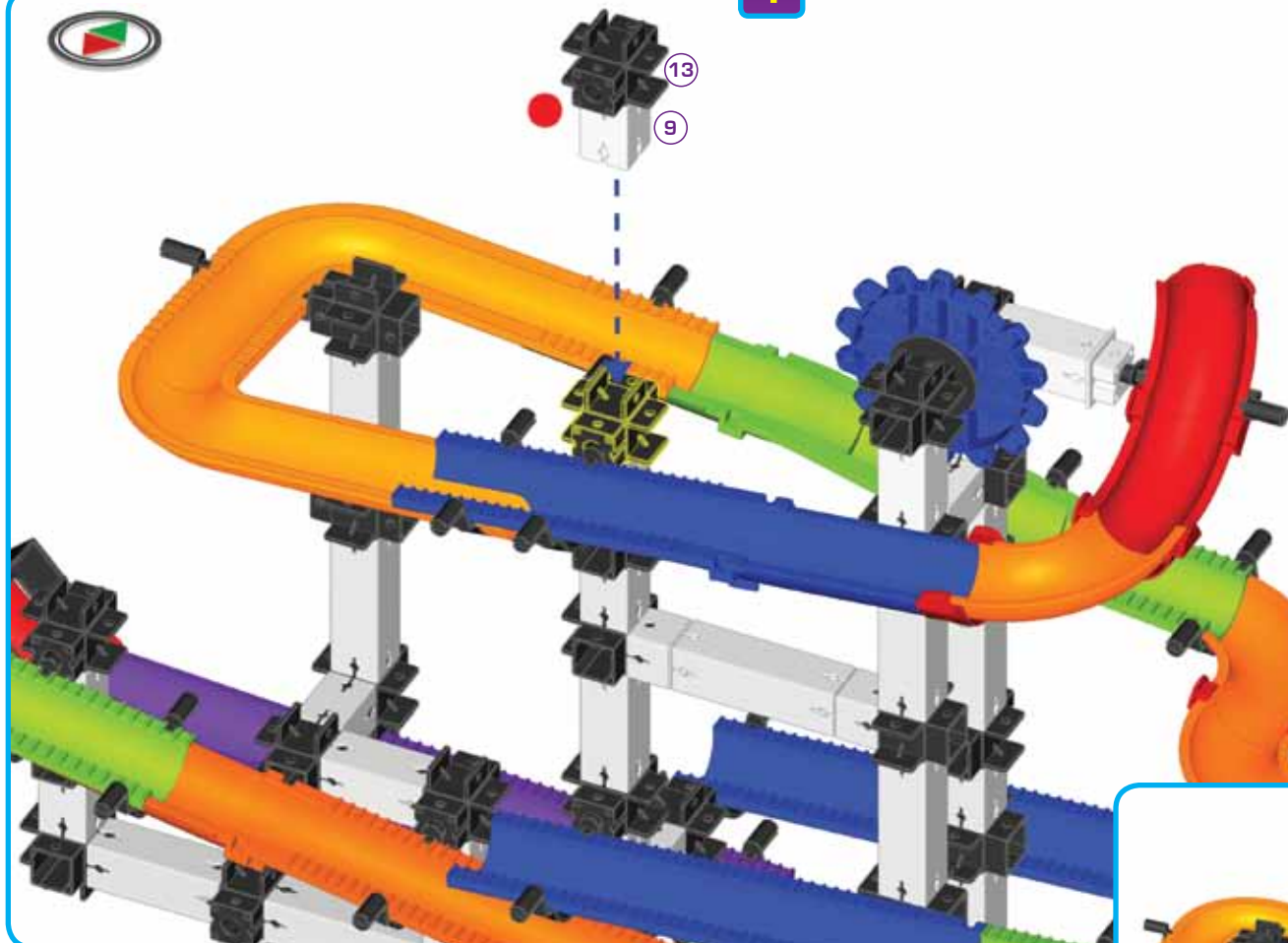
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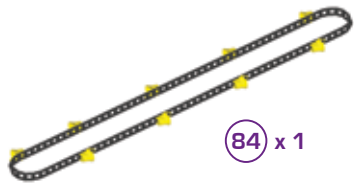
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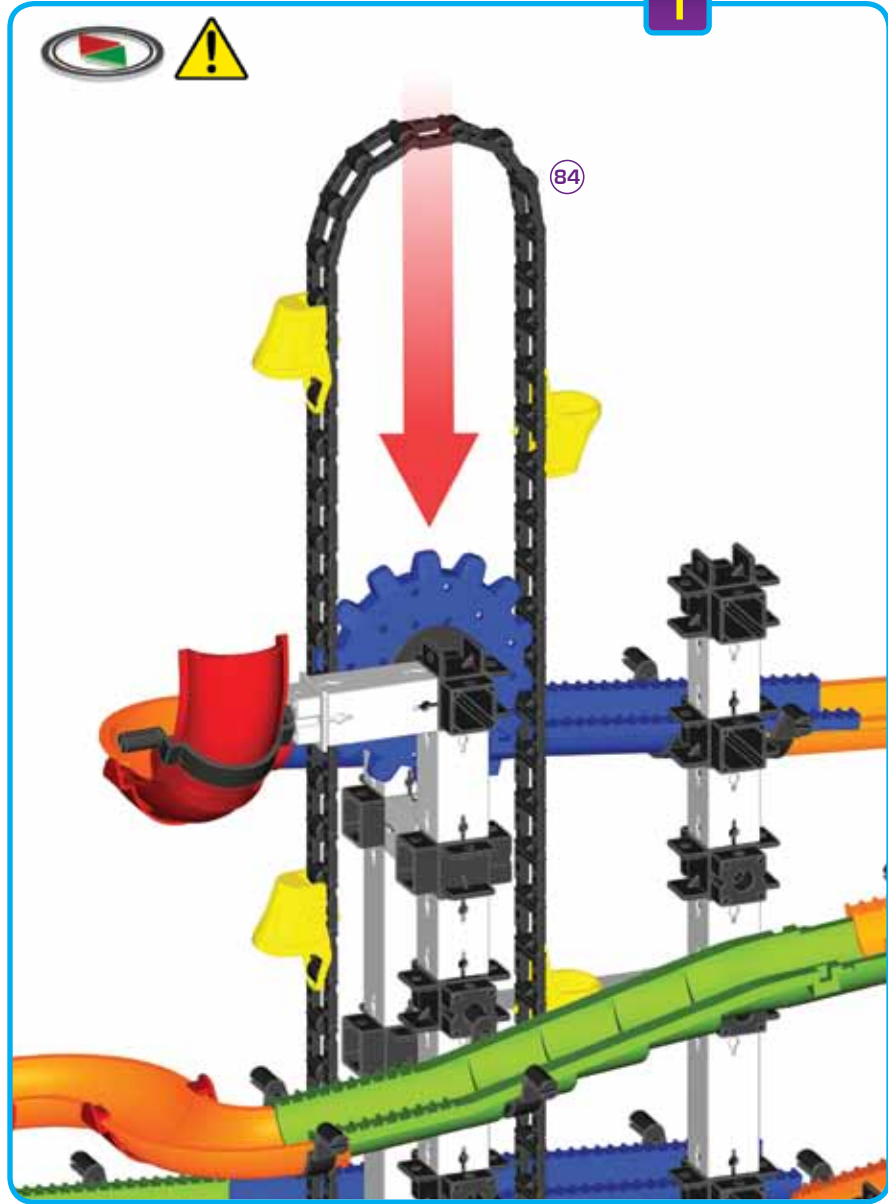
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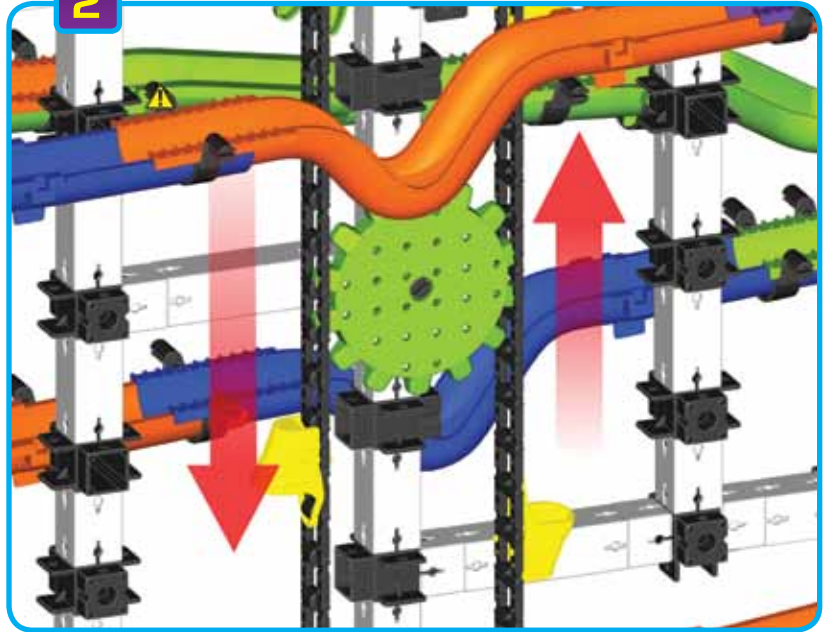




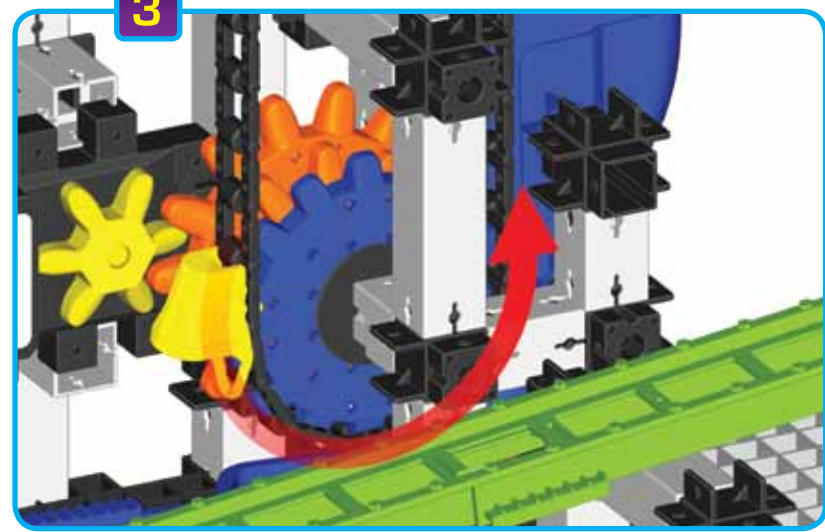
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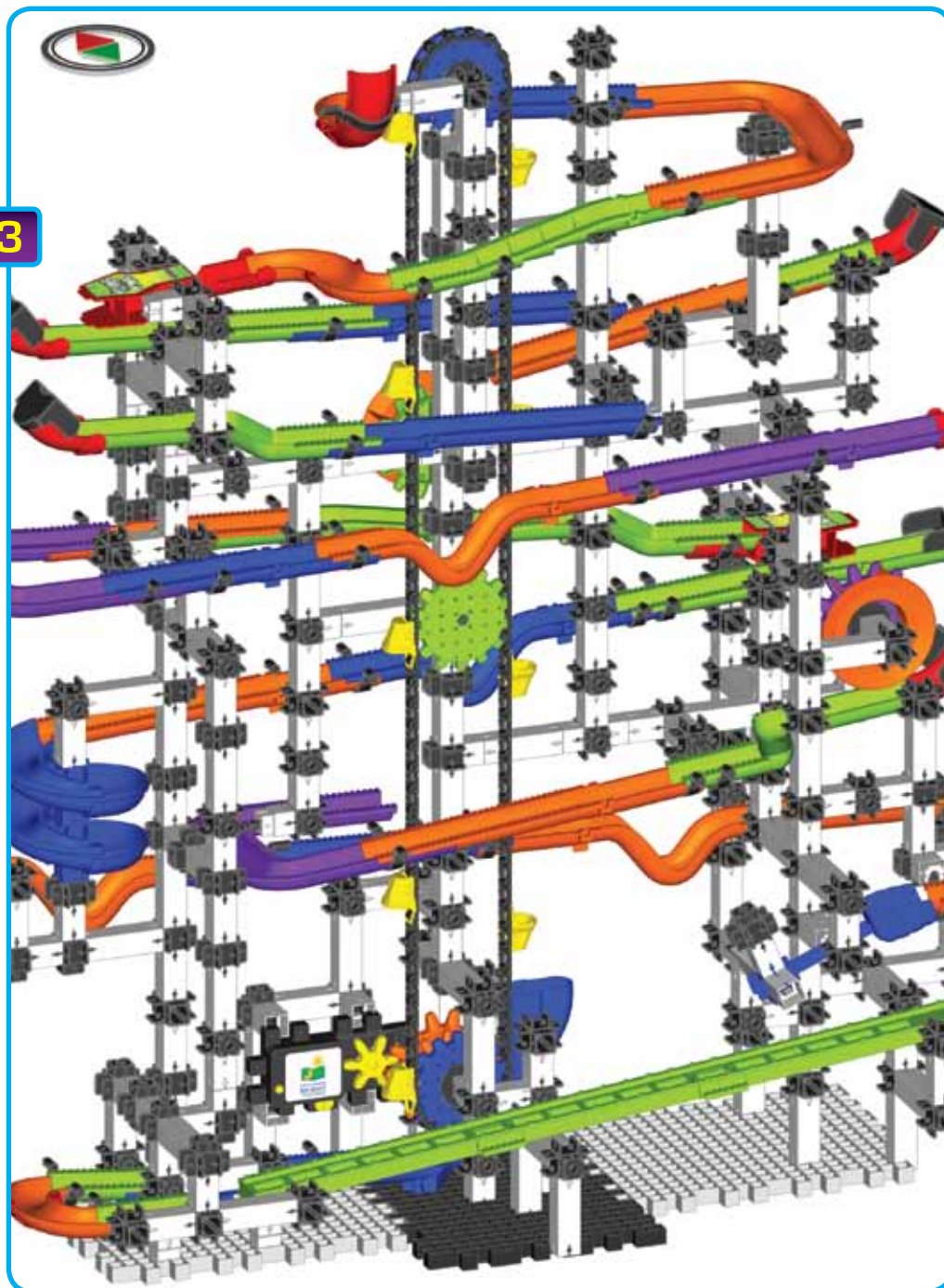




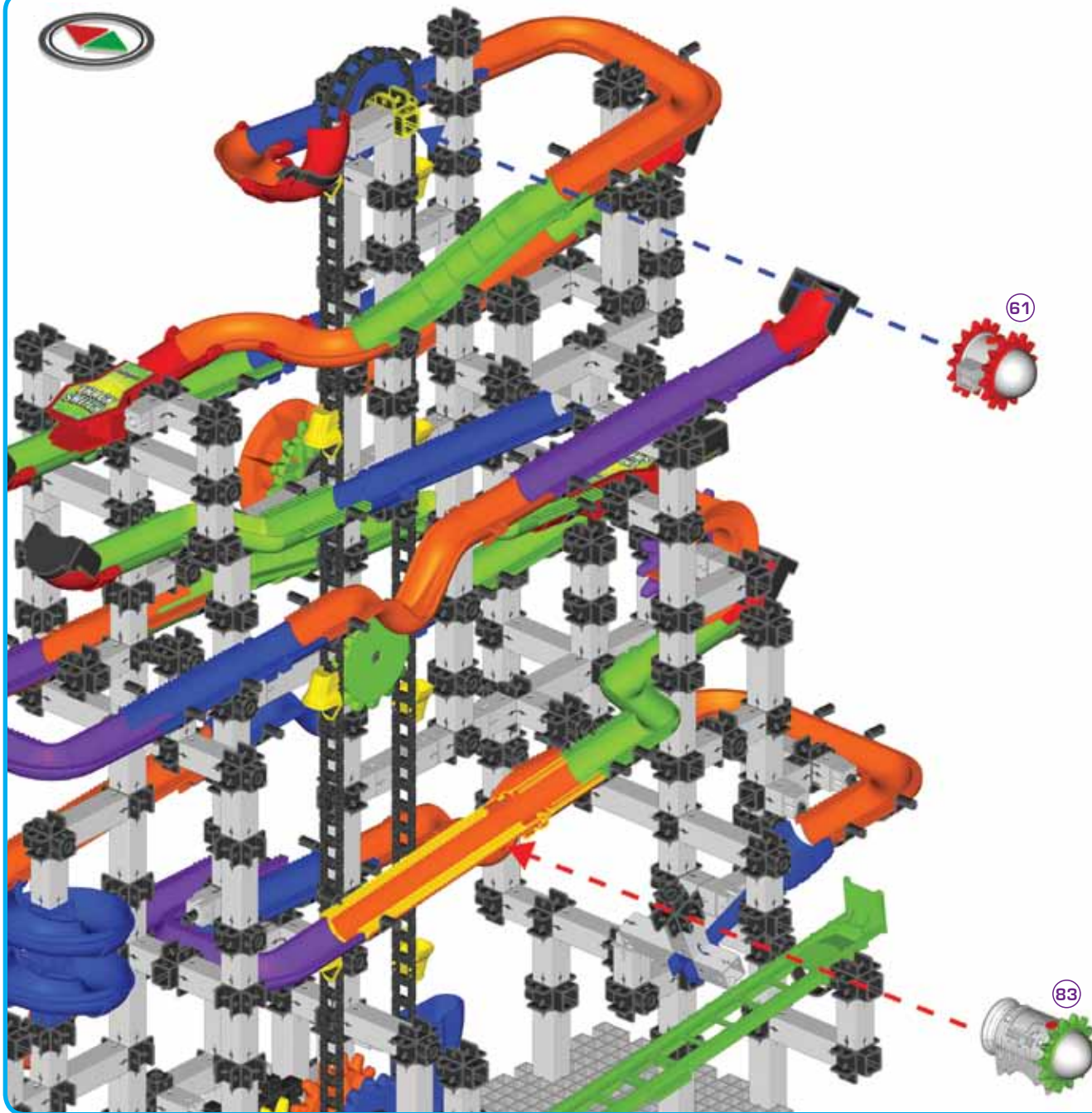
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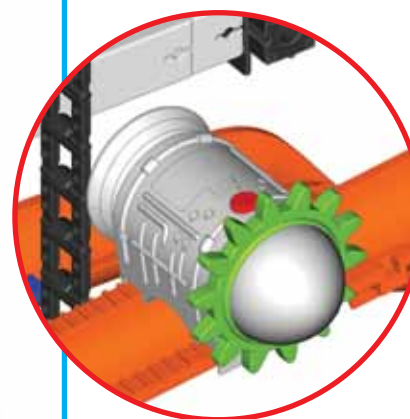
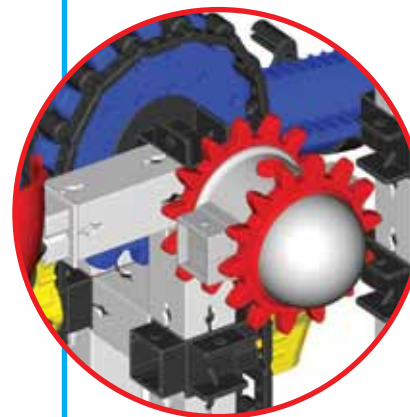


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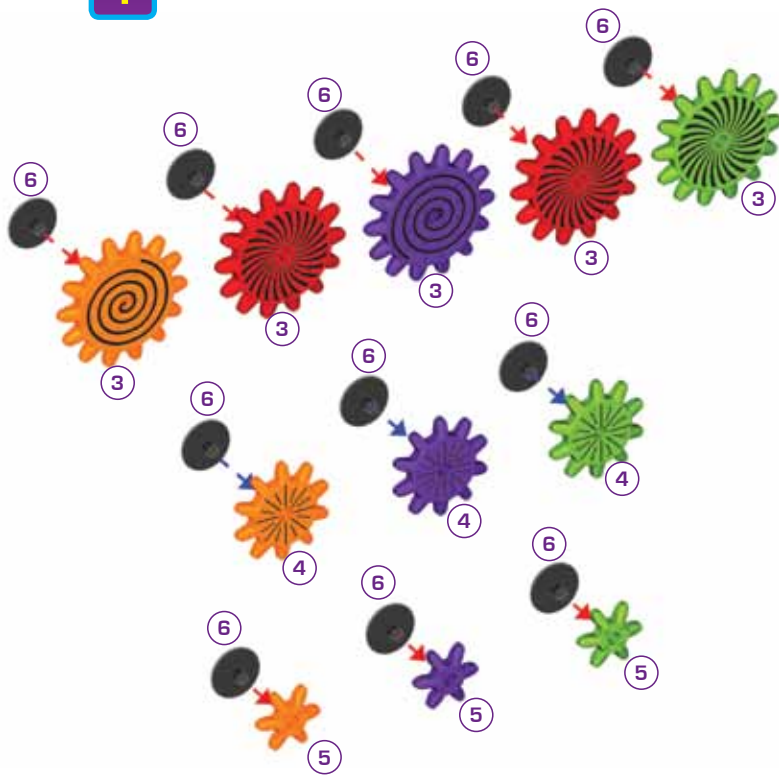


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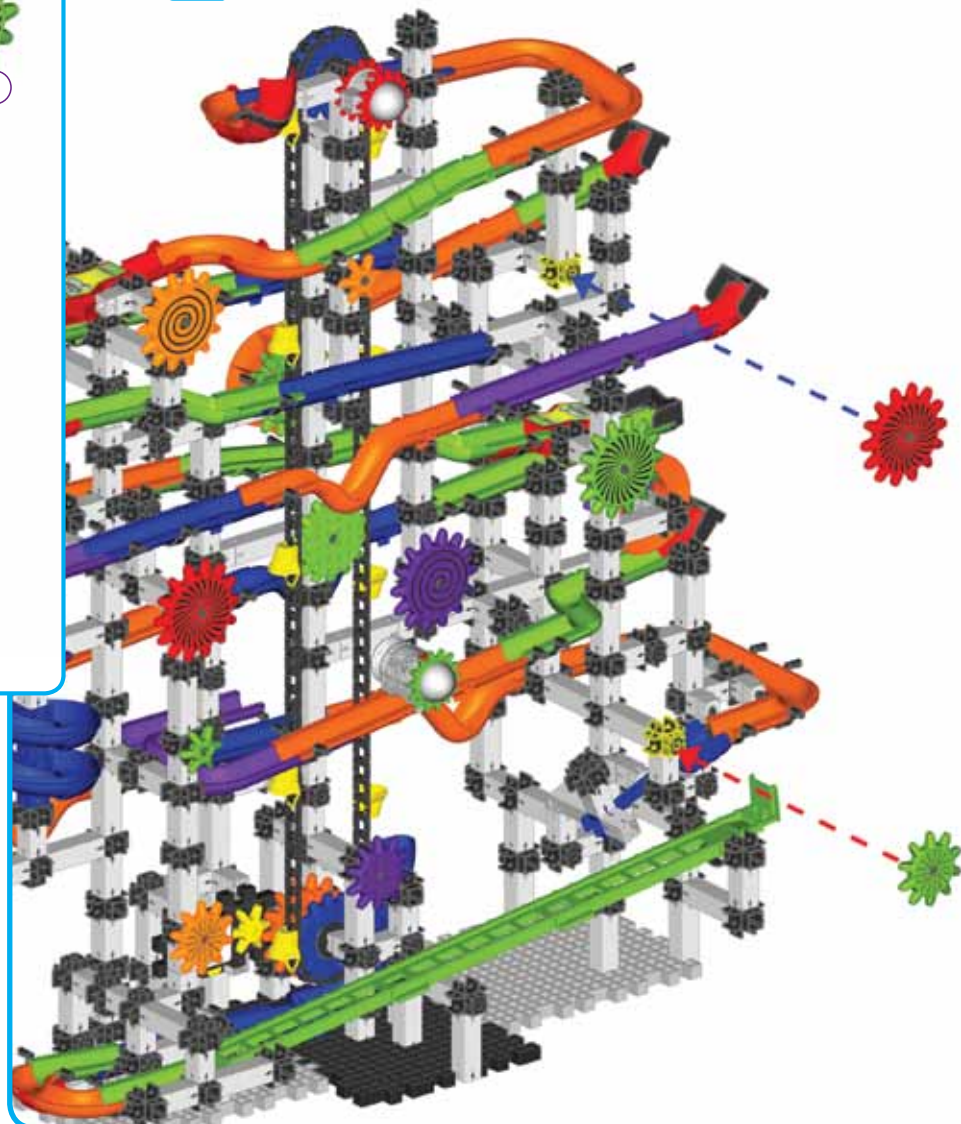
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2



6 x 11



3 x 5

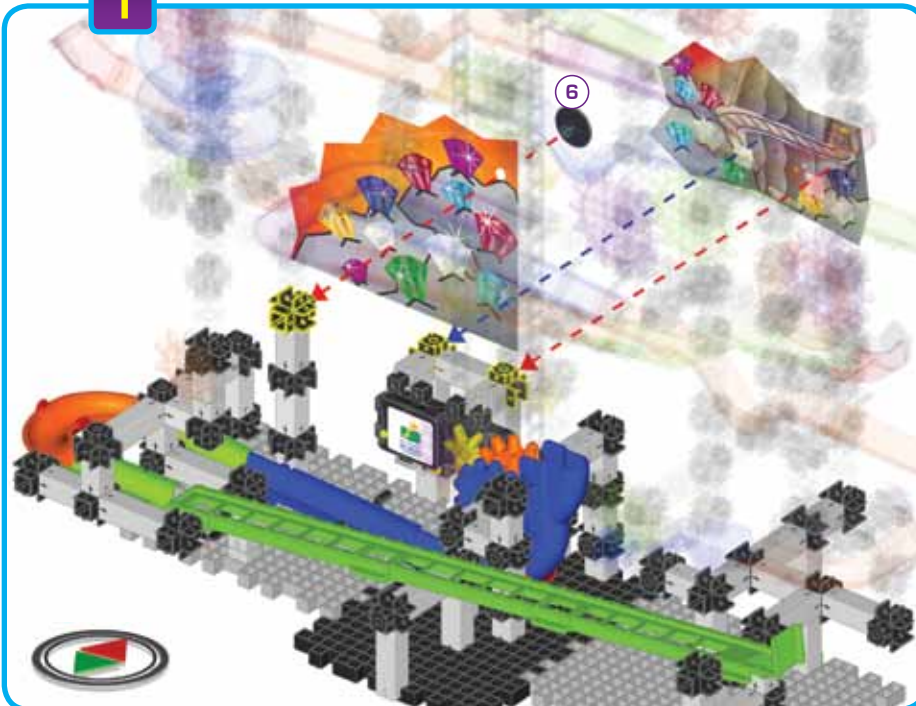


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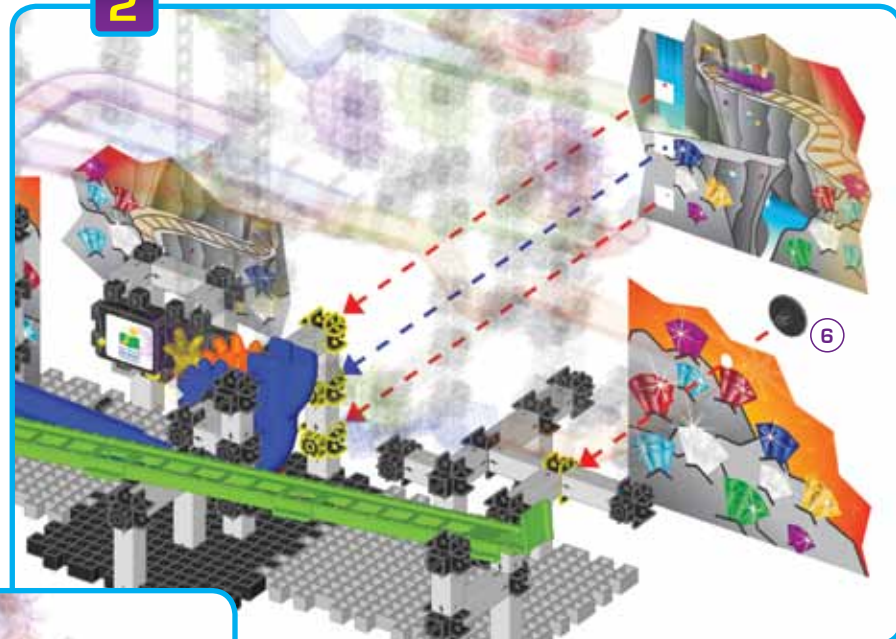
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6 x 2

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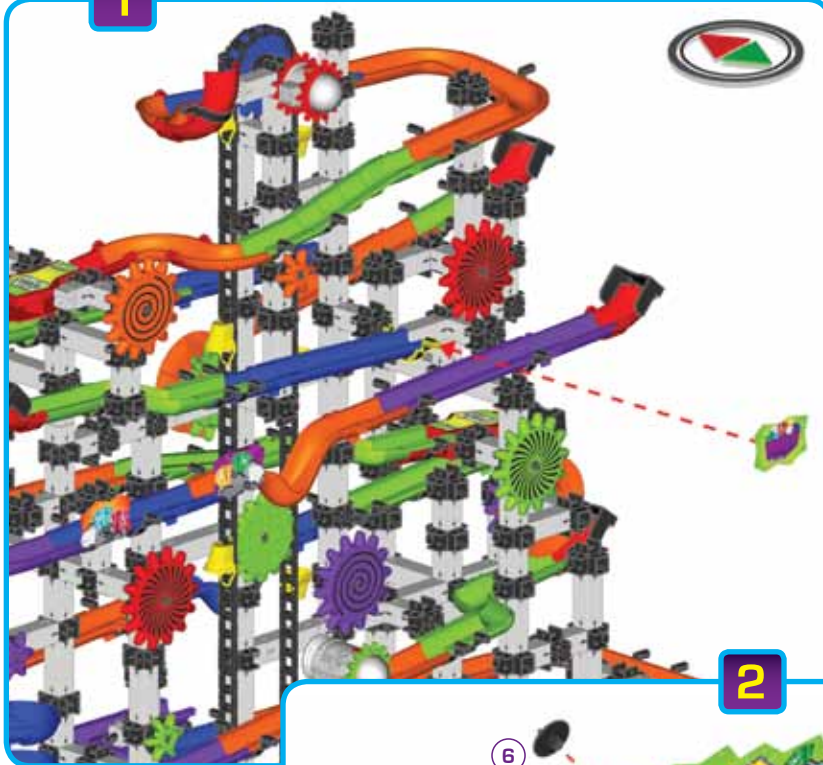
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6 x 1

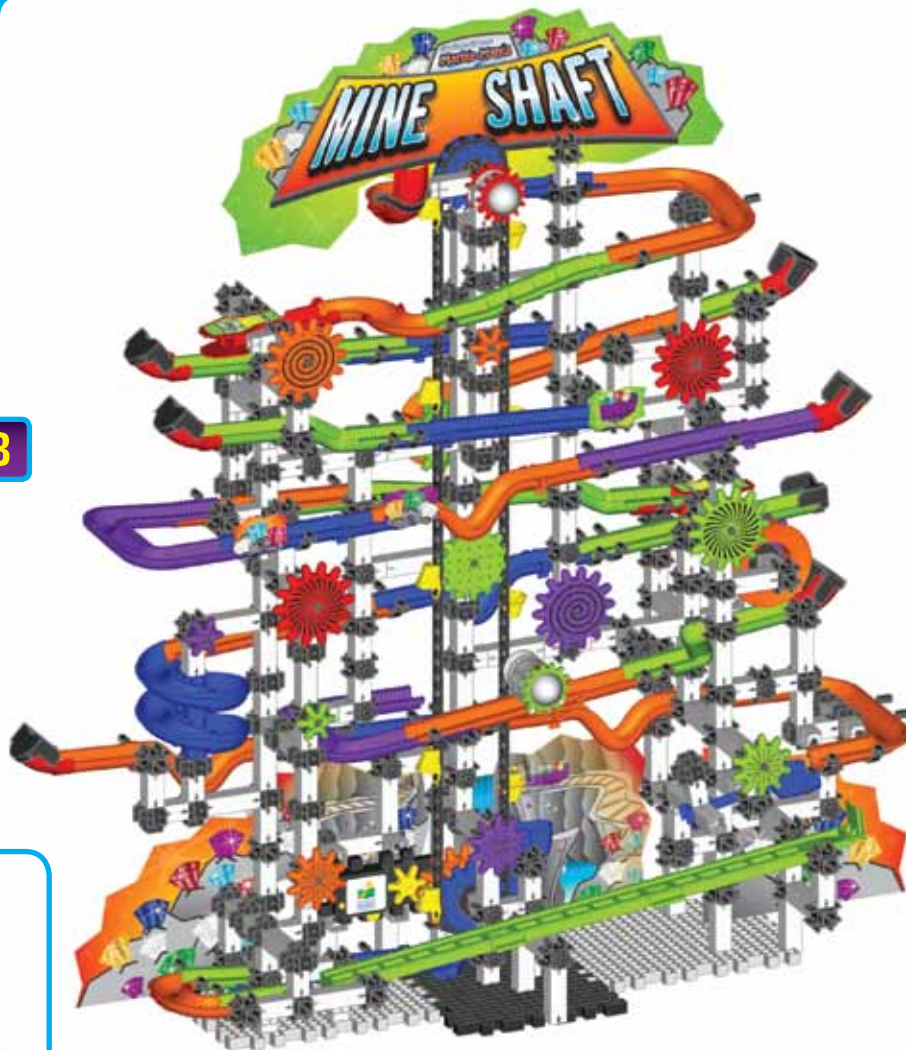
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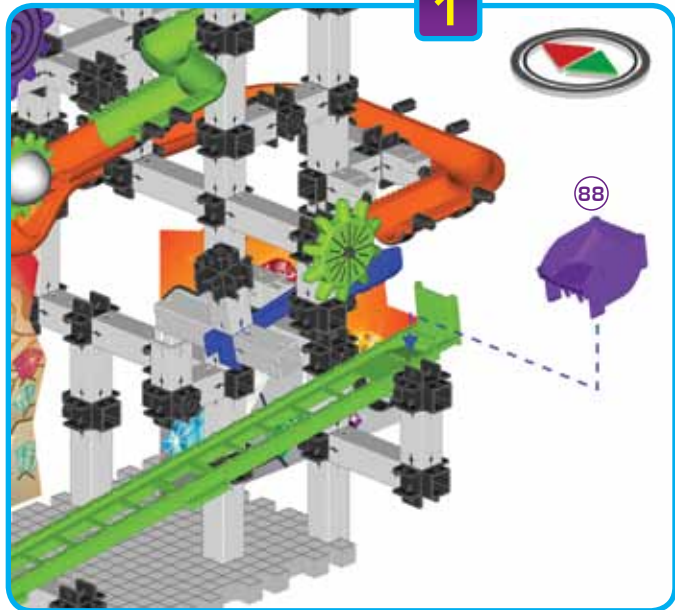
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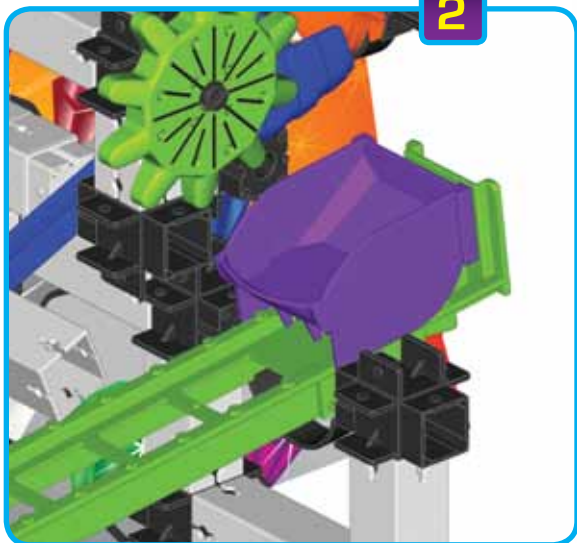


(88) x 1

1



2



Congratulations! Now add some marbles and let's play.
¡Felicitaciones! Ahora coloca las canicas y vamos a jugar.



Game Play

Juego

Your Techno Gears Marble Mania Mine Shaft has a built in game play feature! The goal of the game is not to lose your valuable marbles (Mine Shaft gems)! Once three marbles (Mine Shaft gems) are loaded onto the rotating Shovel (part # 86), the Shovel will automatically drop the marbles (Mine Shaft Gems) onto the Sliding Rail Cart (part # 88). The Sliding Rail Cart will then automatically deliver the marbles (Mine Shaft Gems) to the next position on the track.
WATCH OUT! Hurry to reset the sliding rail cart back to its start position before the next marble (Mine Shaft gem) falls!
How many marbles (Mine Shaft Gems) can you safely deliver before any fall from the track?
Challenge your friends and family members to see who can safely deliver the most marbles (Mine Shaft gems) before they fall!

¡El Pozo de la Mina de Techno Gears Marble Mania incluye una función de juego! La meta del juego es no perder tus valiosas canicas (gemas del Pozo de la Mina)! Cuando cargues tres canicas (gemas del Pozo de la Mina) en la Pala giratoria (parte #86), la Pala dejará caer las canicas (gemas del Pozo de la Mina) automáticamente en el Vagón deslizante (parte #88). El Vagón deslizante entregará las canicas (Gemas del Pozo de la Mina) automáticamente en la siguiente posición de la vía.

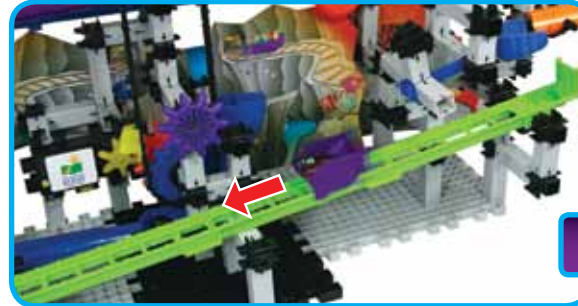
¡CUIDADO! ¡Apúrate a regresar el vagón deslizante a la posición de inicio antes de que caiga la siguiente canica (gema del Pozo de la Mina)!

¿Cuántas canicas (Gemas del Pozo de la Mina) puedes entregar de manera segura antes de que caigan fuera de la vía? ¿Reta a tus amigos y familiares para ver quién puede entregar más canicas (Gemas del Pozo de la Mina) de manera segura antes de que caigan!



1

Sliding Marble Rail Cart (part # 88)
Vagón deslizante de canicas (parte # 88)



2

The Sliding Marble Rail Cart automatically delivers the marbles to the next track position.
El Vagón deslizante de canicas entrega las canicas automáticamente en la siguiente posición de la vía.



3

The Sliding Marble Rail Cart automatically releases the marbles onto the track.
El Vagón deslizante de canicas libera las canicas en la vía.



4

Hurry, be sure to move your Sliding Rail Cart back to the start position before the next marble (Mine Shaft Gems) falls! Your Sliding Rail Cart will automatically lock into position.
¡Apresúrate y asegúrate de regresar tu Vagón deslizante a la posición de inicio antes de que la siguiente canica (Gemas del Pozo de la Mina) caiga! Tu Vagón deslizante de canicas se asegurará automáticamente en su posición.



The Mobile Light Sound Module (part # 83) will be activated by simply pressing the red button on top. As the marbles pass through the light and sounds will be activated. After two minutes of no use the Module will enter sleep mode. Simply press the red button to reactivate.

El Módulo Móvil de Luz y Sonido (parte # 83) se activará al presionar el botón rojo de arriba. Cuando las canicas pasen por el módulo, la luz y los sonidos se activarán. Si no usas el módulo por dos minutos, éste entrará en el modo de dormir. Simplemente presiona el botón rojo para reactivarlo.

Techno Gears
Marble Mania

OUR WEBSITE

Please visit www.technogearsmarblemania.com to see more exciting Marble Mania Mine Shaft Raceway Construction Plans.

NUESTRA PÁGINA WEB

Favor de visitar www.technogearsmarblemania.com para poder ver mayor información relacionada a las instrucciones de construcción de excitantes diseños con el Laberinto de la Diversión Mine Shaft.

THIS PRODUCT CONFORMS TO SAFETY REQUIREMENTS OF ASTM AND EN71.
ESTE PRODUCTO CUMPLE CON LOS REQUERIMIENTOS DE SEGURIDAD DE ASTM Y EN71.



For replacement parts please visit www.thelearningjourney.com or
for assistance with instructions please call: 1.877.839.3969

Para partes de repuesto por favor visita www.thelearningjourney.com o
para ayuda con las instrucciones llame al: 1.877.839.3969.



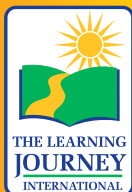
WARNING:

CHOKING HAZARD-Toy contains
small parts and marbles.
Not for children under 3 yrs.



ADVERTENCIA:

PELIGRO DE ASFIXIA-Este juguete
contiene piezas y canicas penqueños.
No apto para niños menores de 3 años.



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