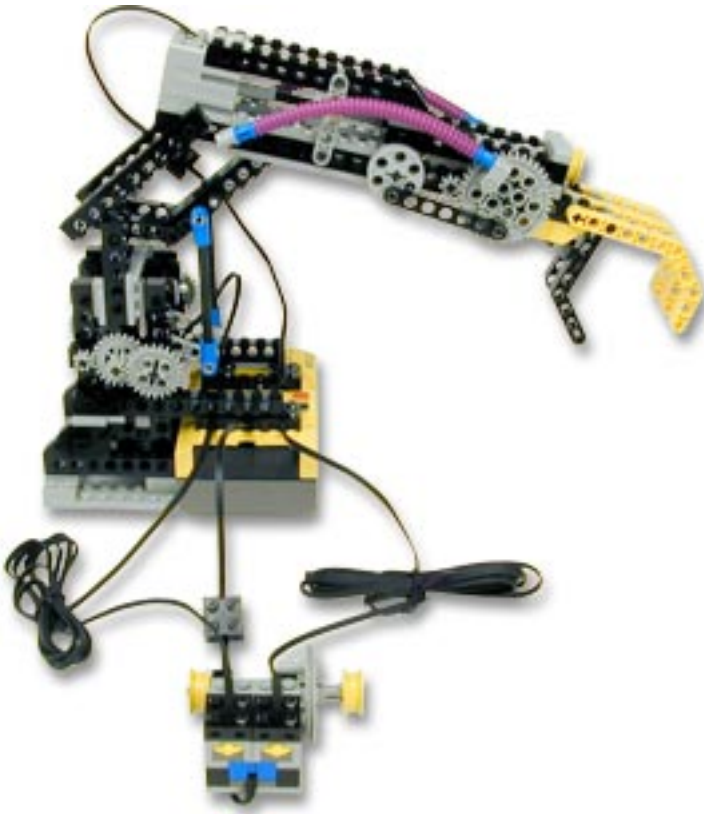


## GRABBER ARM STEP-BY-STEP



The building instructions you have all been waiting for!!!

It is finally here! On the following pages we present building instructions for the Grabber Arm shown on the front of the Robotics Inventions System 1.5 box.

### [Start Building](#)

We have divided it up into 3 sections:

1. [Base Assembly](#)
2. [Arm Assembly](#)
3. [Final Assembly](#)

## GRABBER ARM - BASE ASSEMBLY

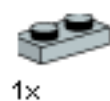
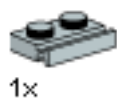
### STEPS 1 - 9

**Note for Robotics Invention System 1.0 users:** These instructions use the Robotics Invention System 1.5 (9747) collection of pieces. If you own Robotics Invention System 1.0 (9719) you may have problems building this particular model because your set has a different assortment of pieces. However, if you own other LEGO sets you might already have these pieces. [Click here](#) to see a list of the required additional pieces.

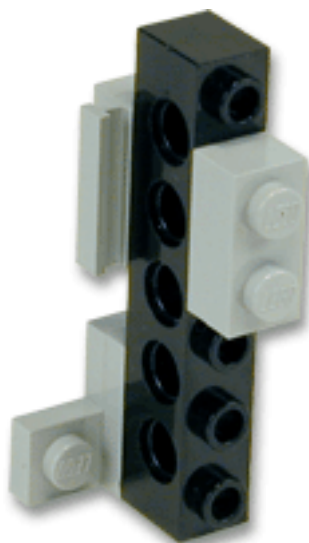
1



2



3



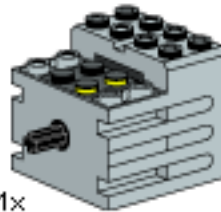
4



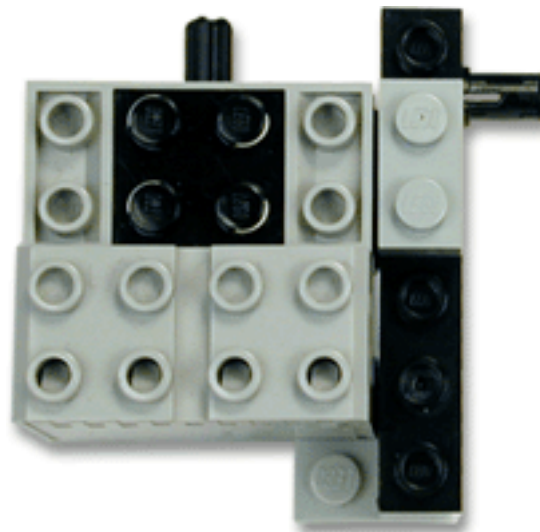
1x



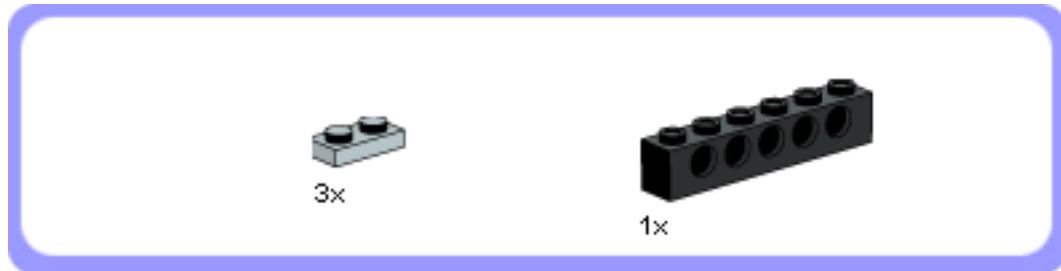
5



1x



6



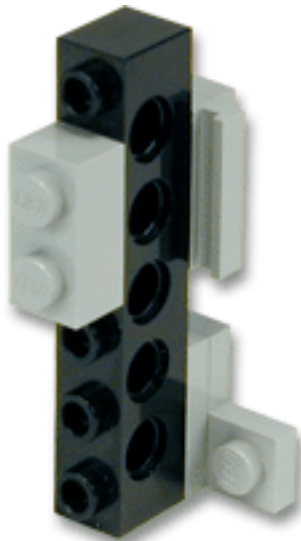
7



8



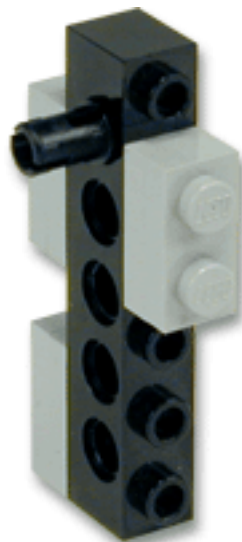
1x



9



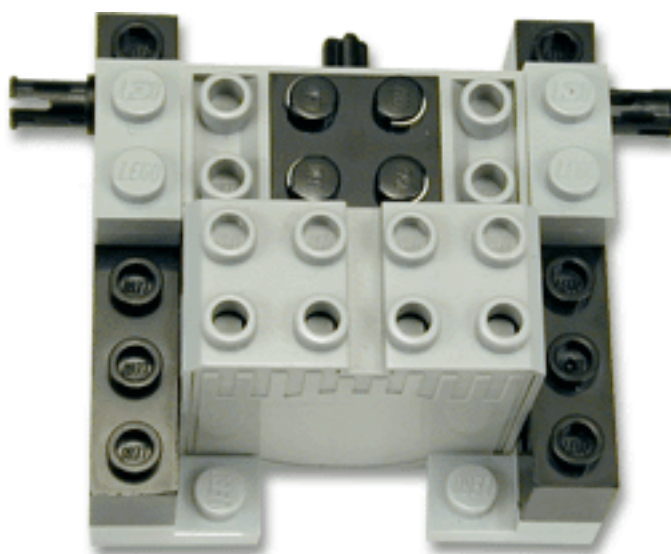
1x



## GRABBER ARM - BASE ASSEMBLY

STEPS 10 - 16

10

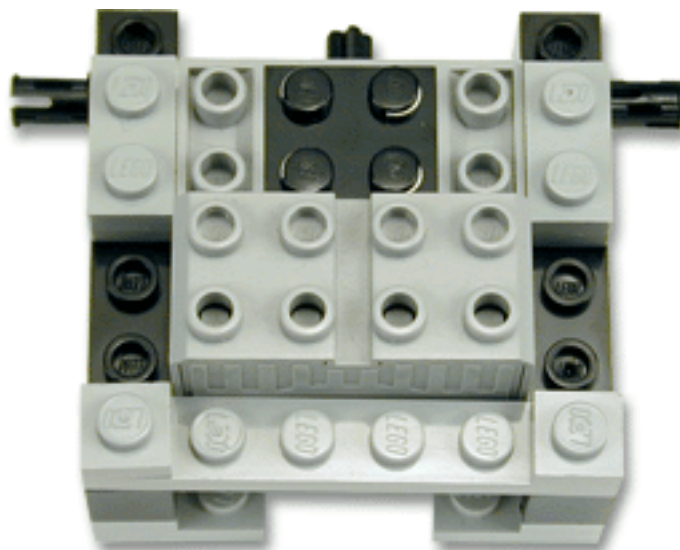


11



# 12

1x



# 13

1x



1x



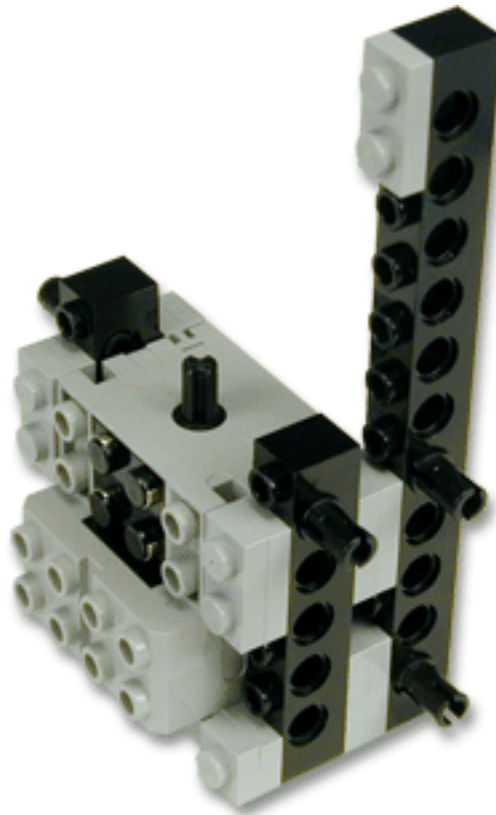
2x





14

1x



15



1x



1x



1x



# 16



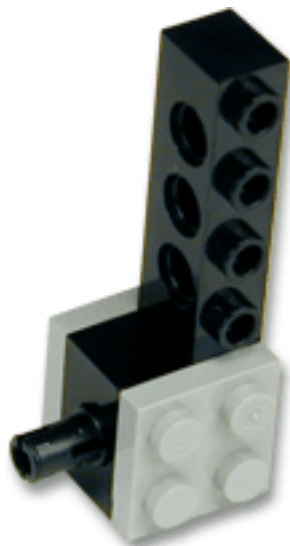
1x



# 17



1x



## GRABBER ARM - BASE ASSEMBLY

STEPS 18 - 24

**18**



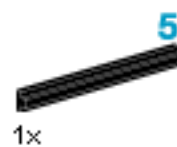
**19**



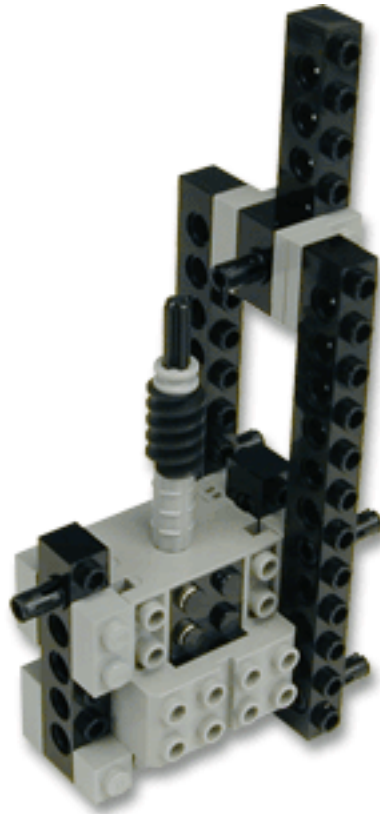
# 20



# 21



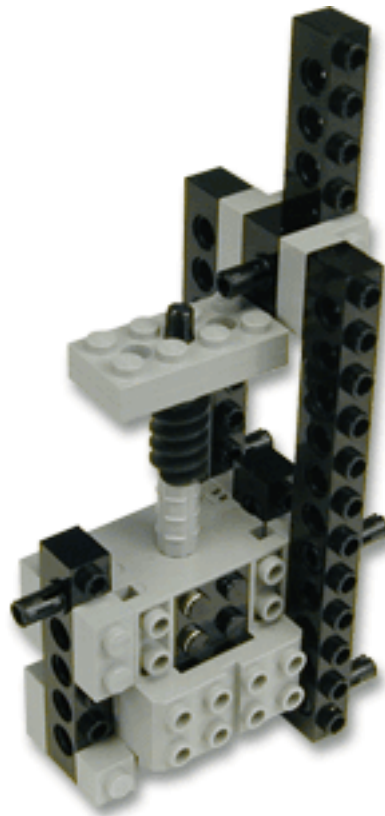
22



23



2x



24



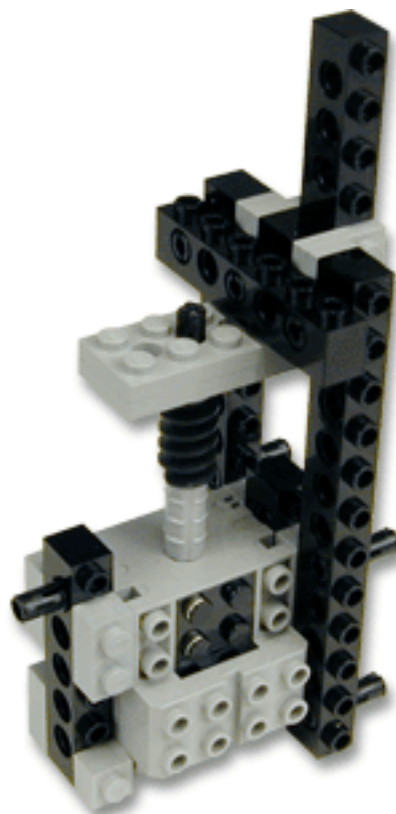
2x



## GRABBER ARM - BASE ASSEMBLY

STEPS 25 - 32

**25**



**26**





**27**



1x



**28**



2x

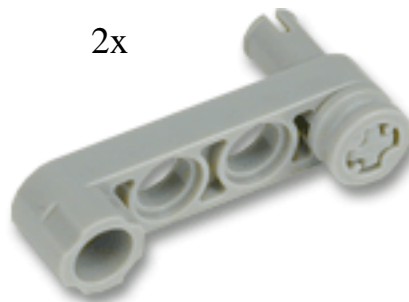


2x



2x

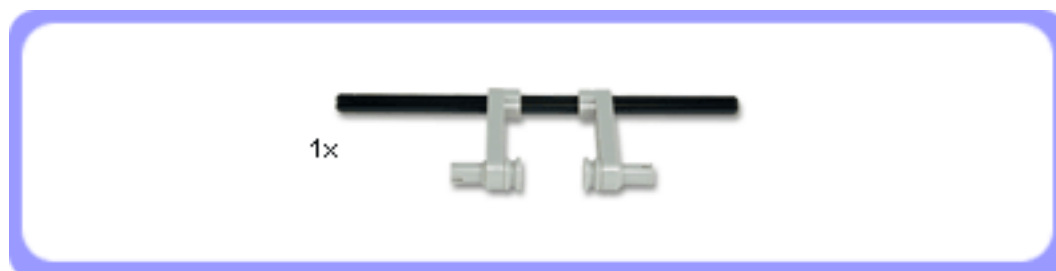
2x



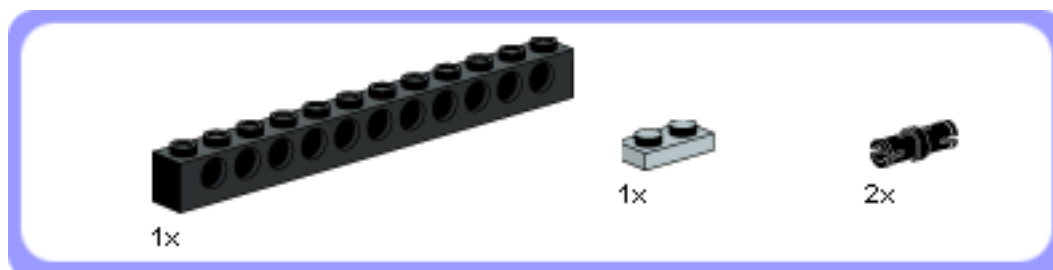
29



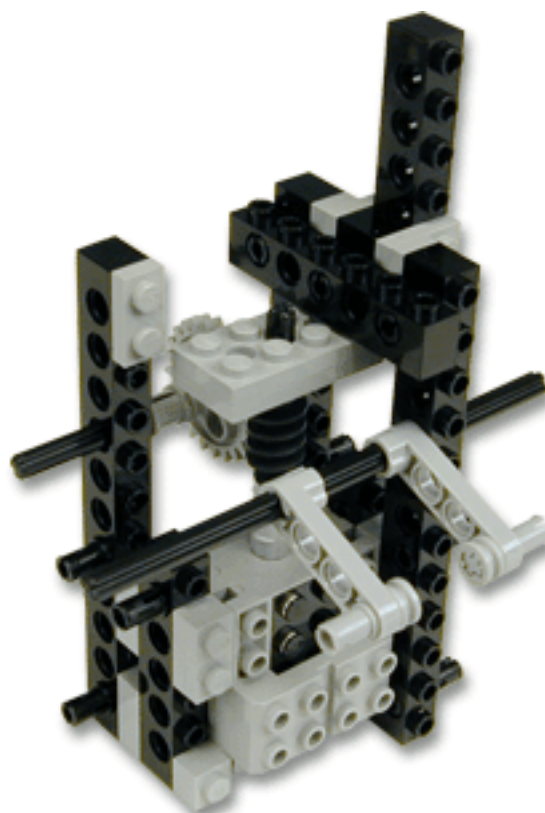
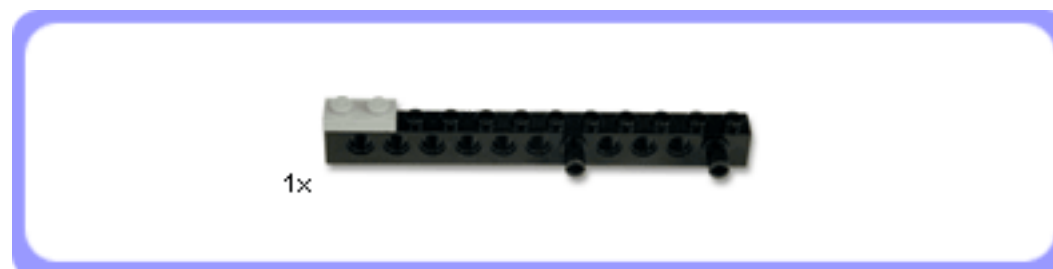
30



31



32



## GRABBER ARM - BASE ASSEMBLY

STEPS 33 - 40

**33**



1x



1x



1x



**34**



1x



35



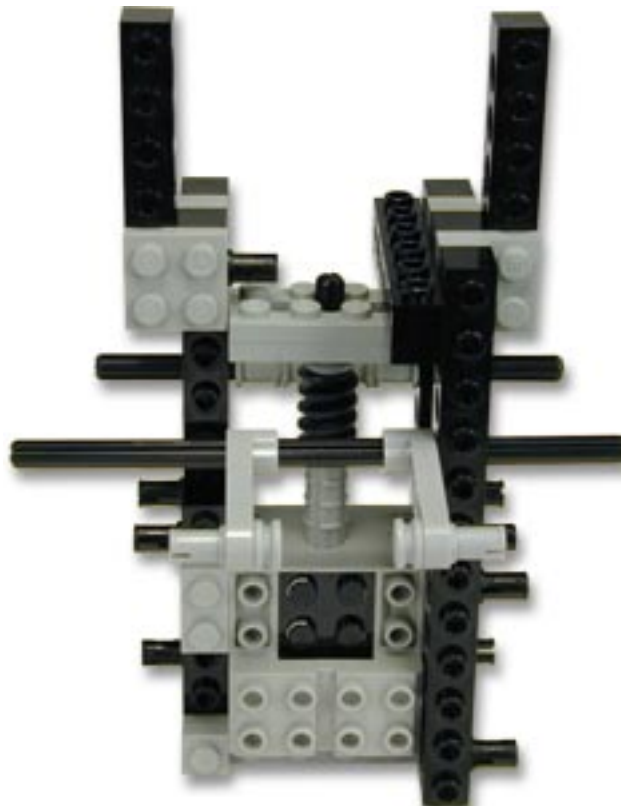
1x



36



1x



**37**



1x



1x



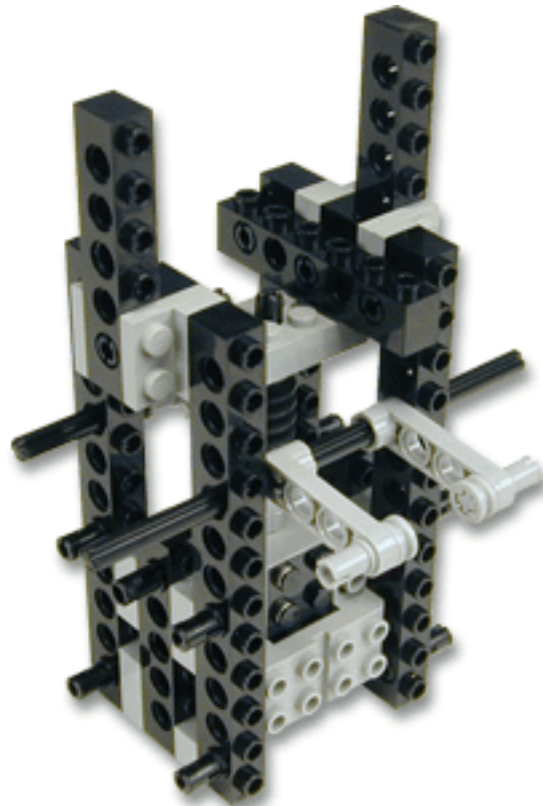
2x



**38**



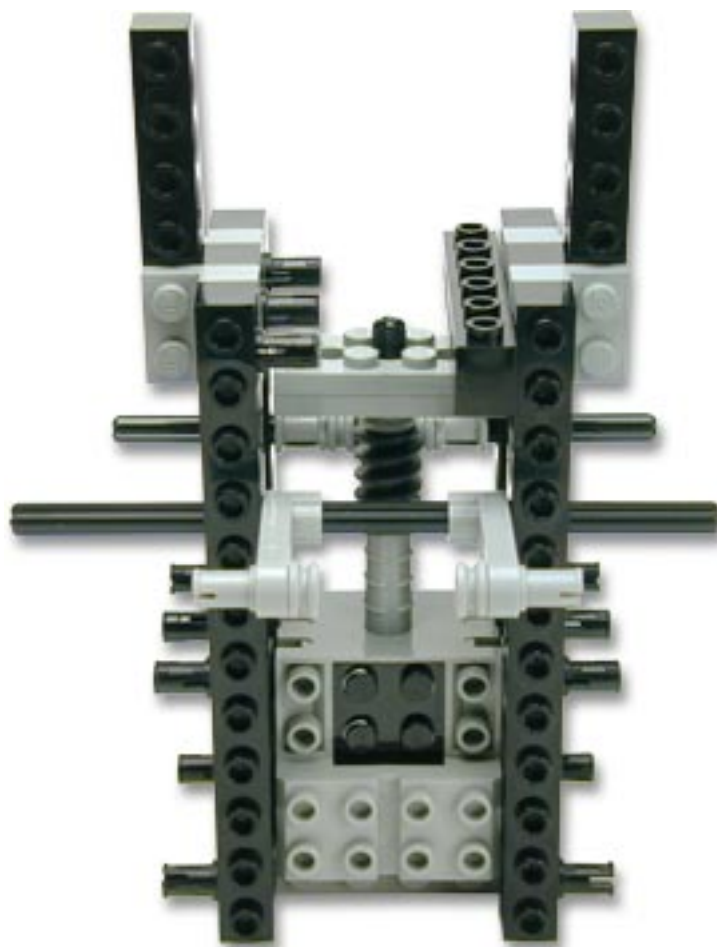
1x



39



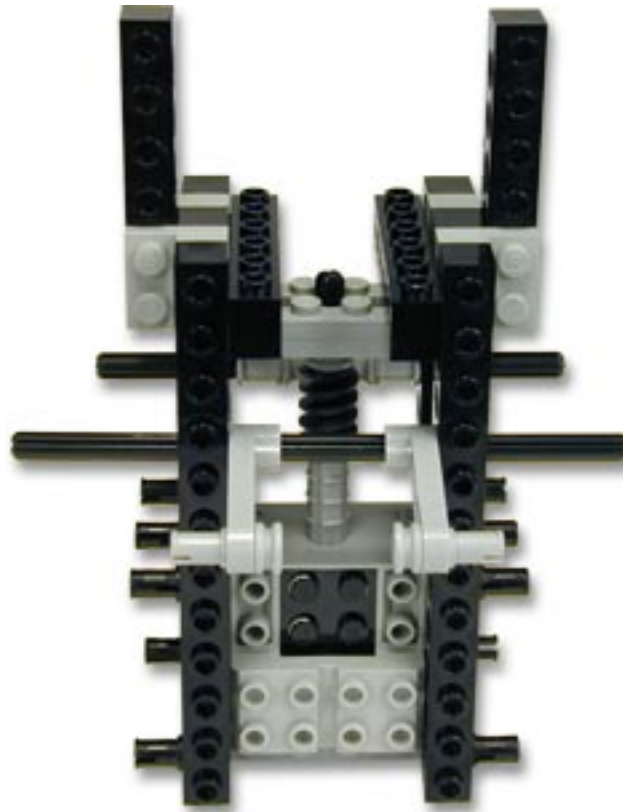
2x



40



1x



41



1x



1x

4



1x





## GRABBER ARM - BASE ASSEMBLY

STEPS 42 - 48

**42**



1x



1x



**43**



1x



44



1x



1x



45



1x



46



1x



1x

4



1x



47



1x



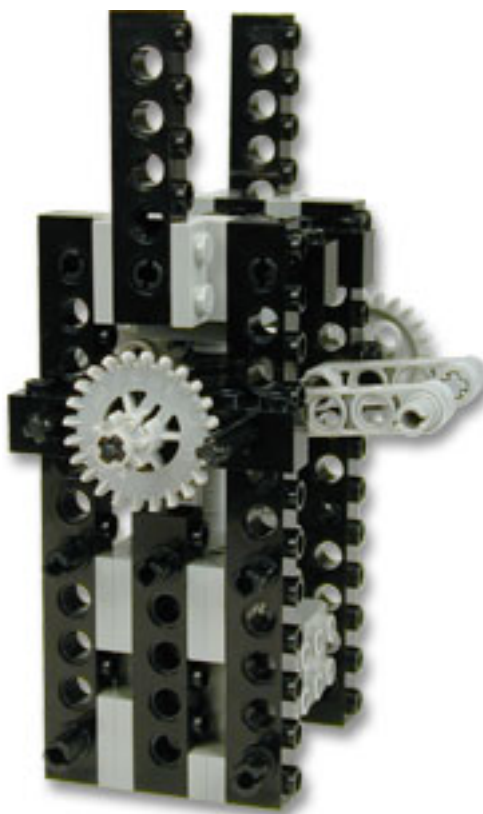
1x



48



1x



## GRABBER ARM - BASE ASSEMBLY

STEPS 49 - 55

**49**



1x



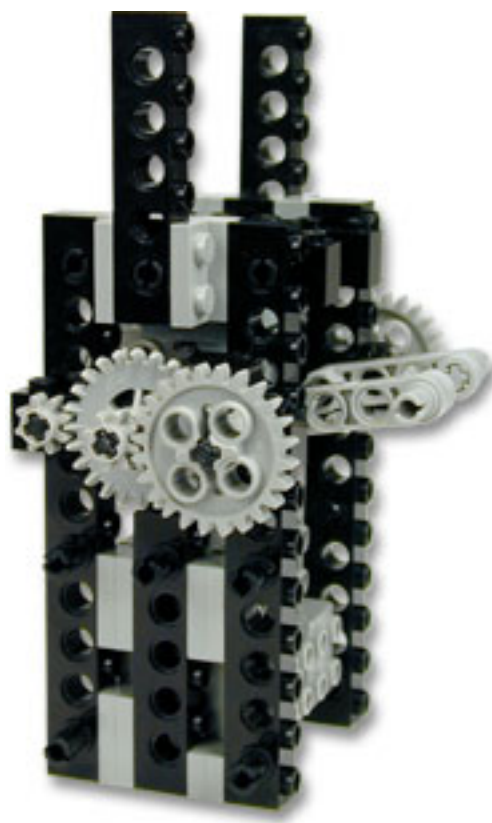
1x



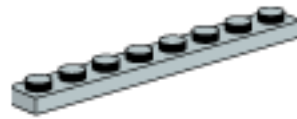
50



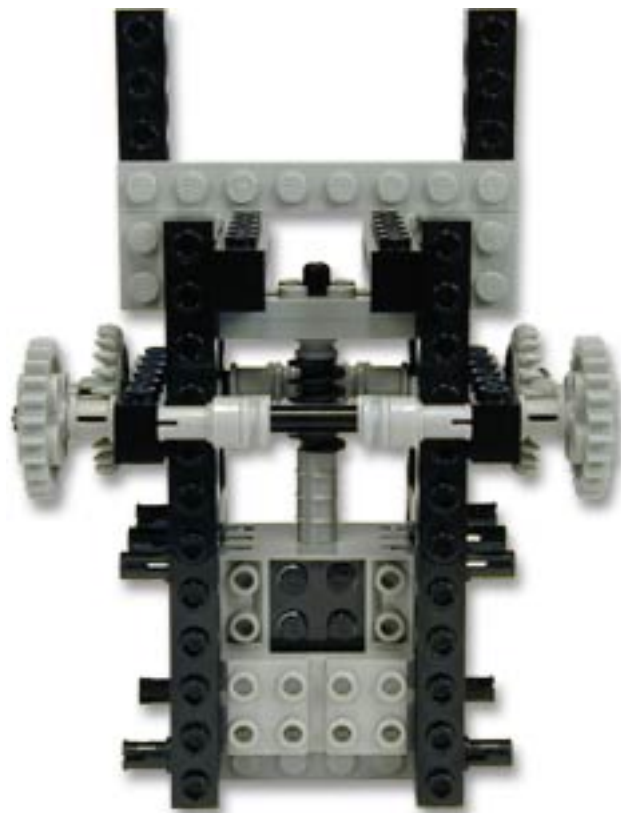
1x



51



1x



52



1x



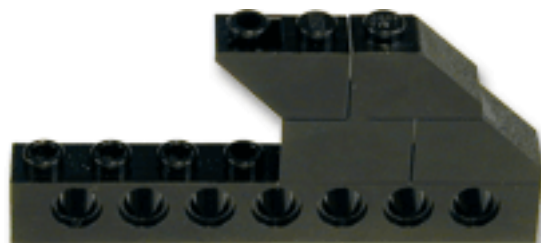
1x



2x



1x



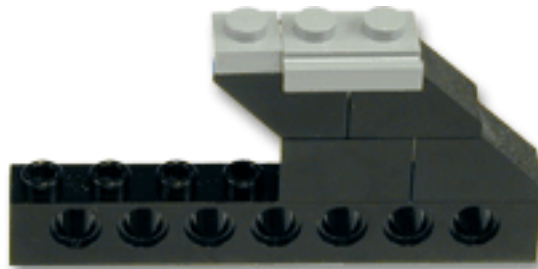
**53**



1x



1x



**54**



1x



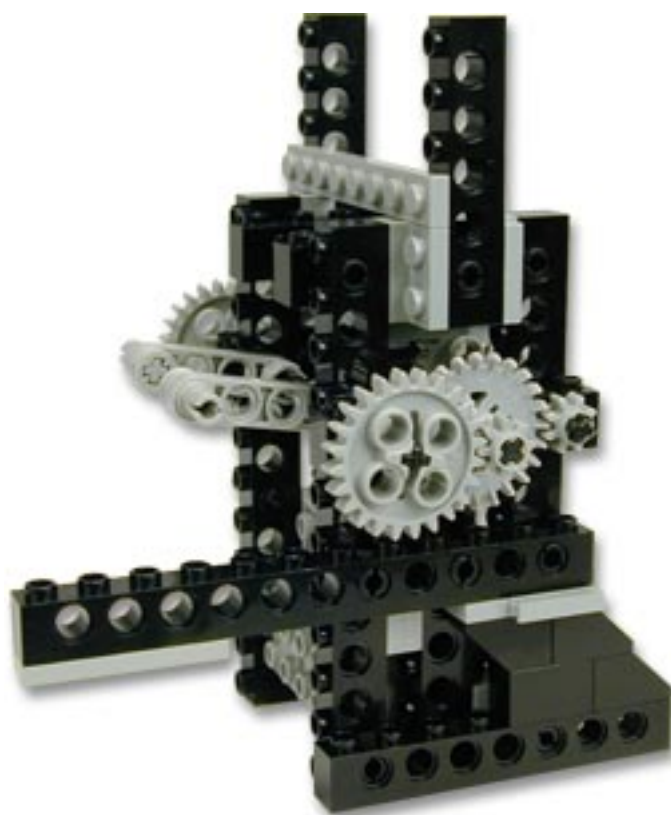
1x





55

1x



## GRABBER ARM - BASE ASSEMBLY

STEPS 56 - 62

**56**



1x



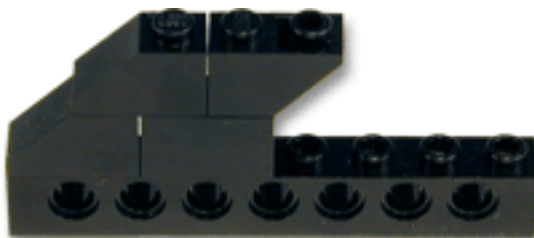
1x



2x



1x



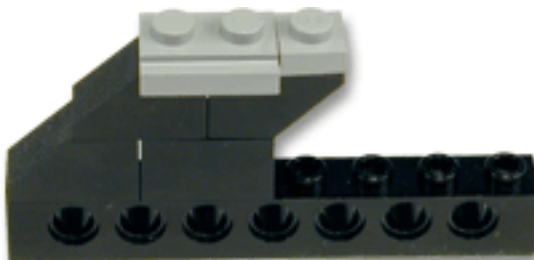
**57**



1x



1x



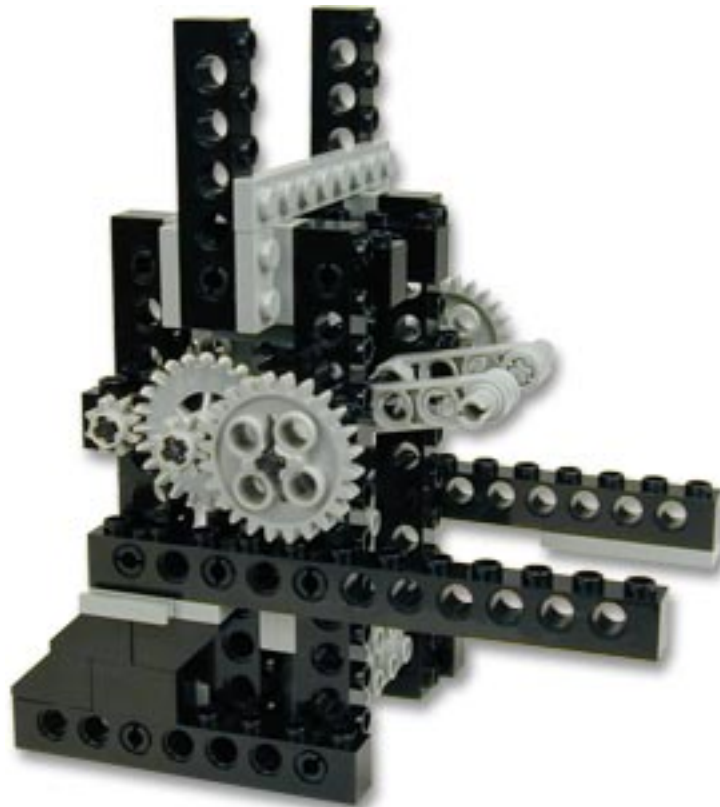
58

1x



59

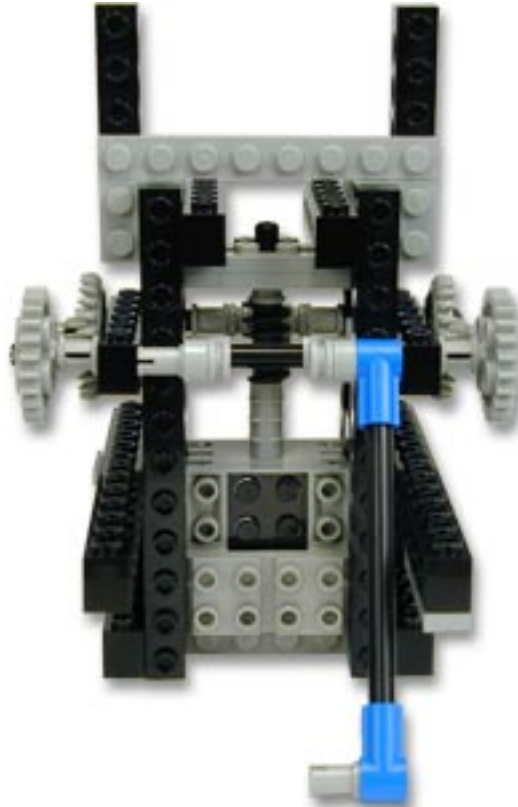
1x



60



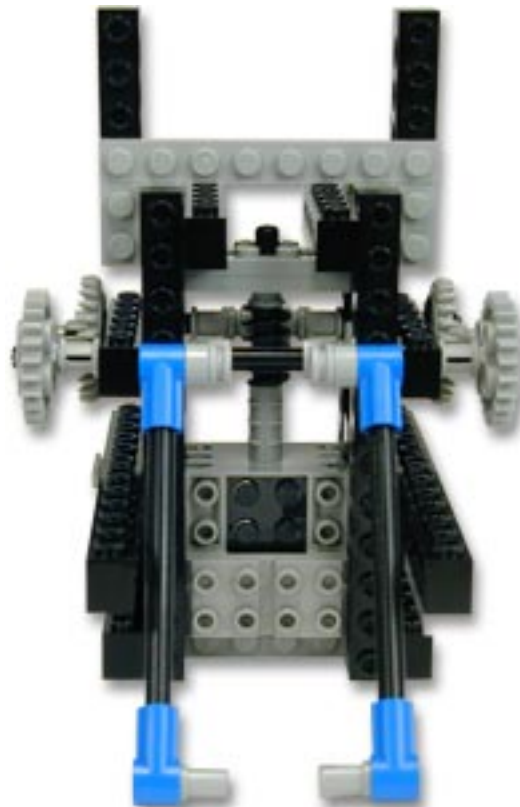
61



# 62



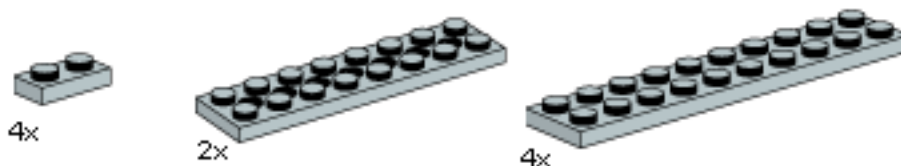
# 63



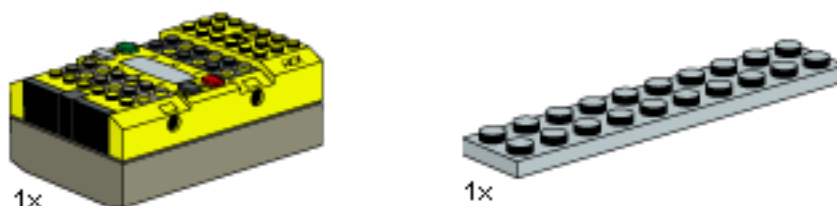
## GRABBER ARM - BASE ASSEMBLY

STEPS 64 - 67

**64**

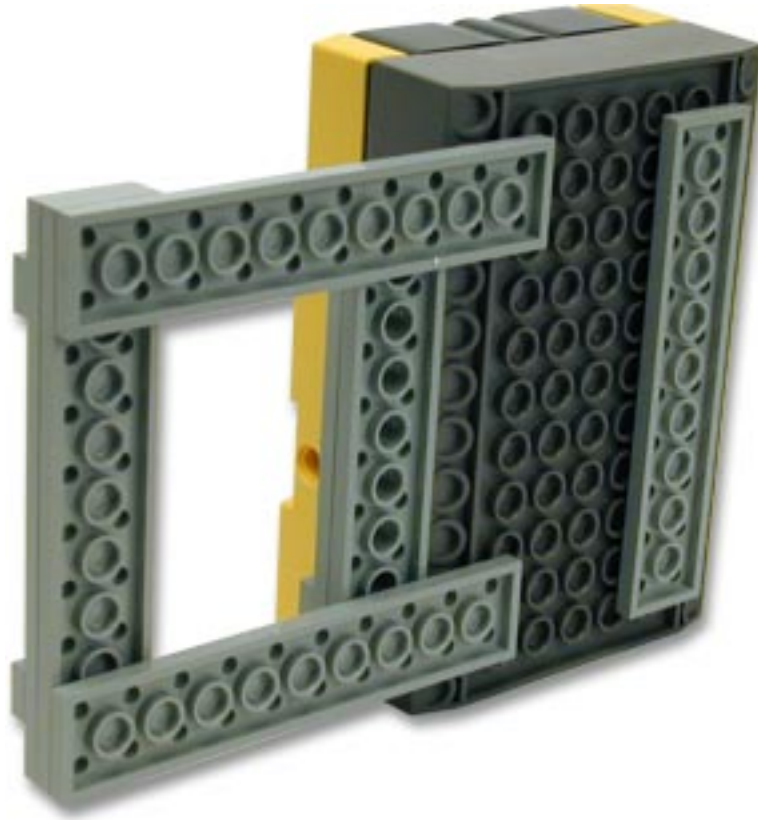


**65**



66

1x



67

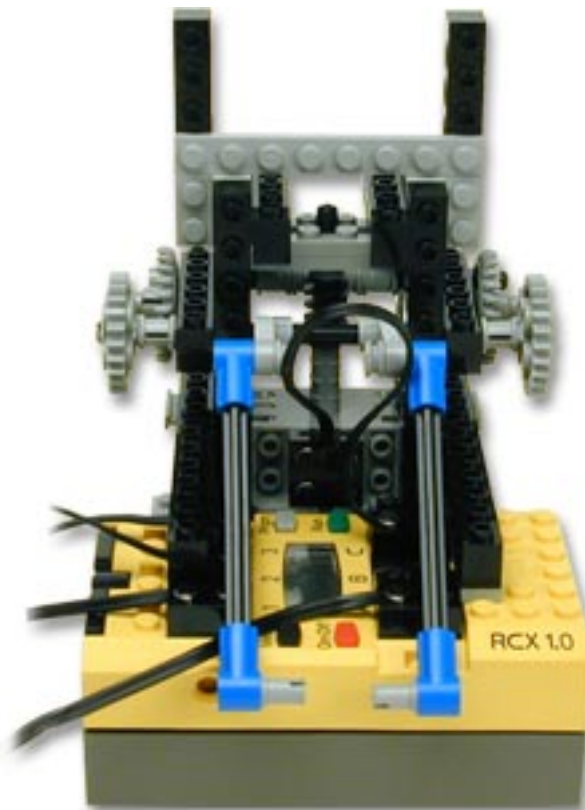
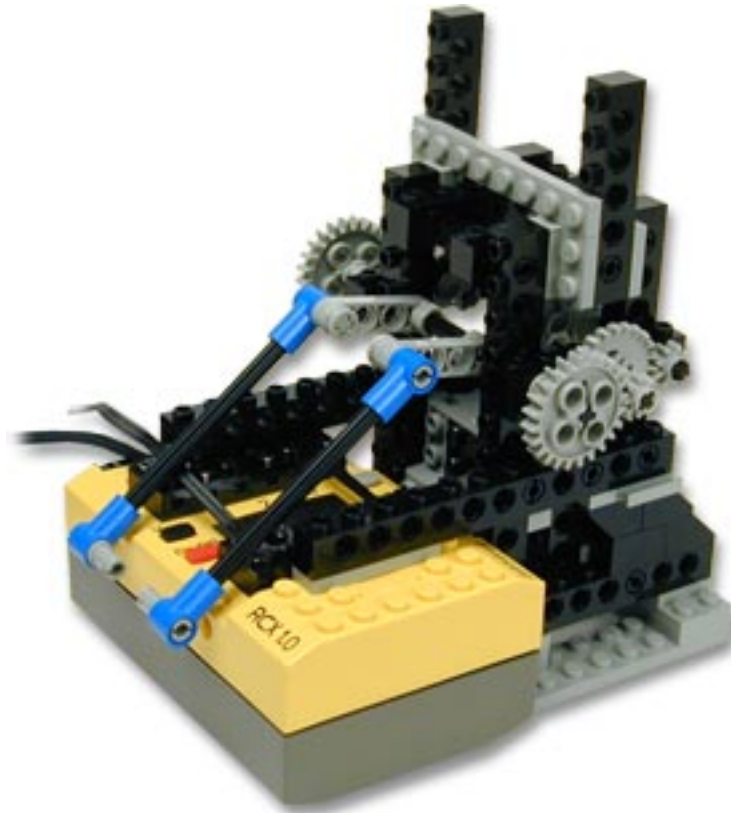
4x



2x





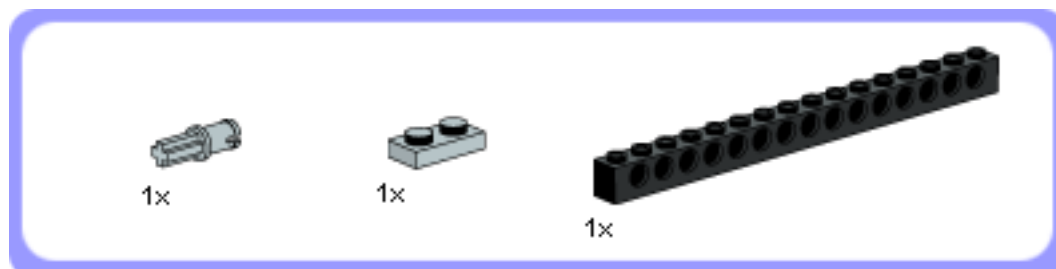




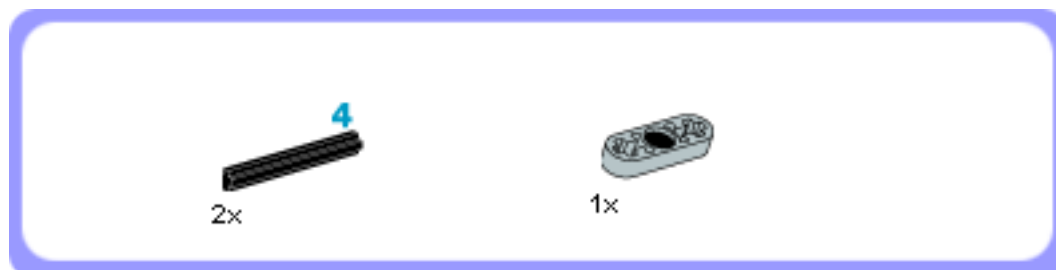
## GRABBER ARM - ARM ASSEMBLY

STEPS 1 - 9

**1**



**2**



3



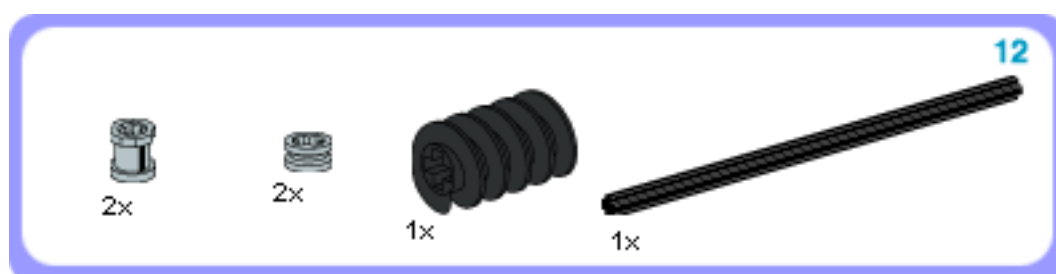
4



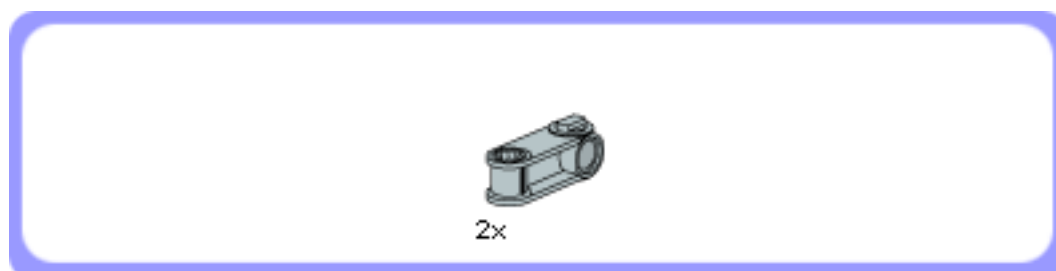
5



6



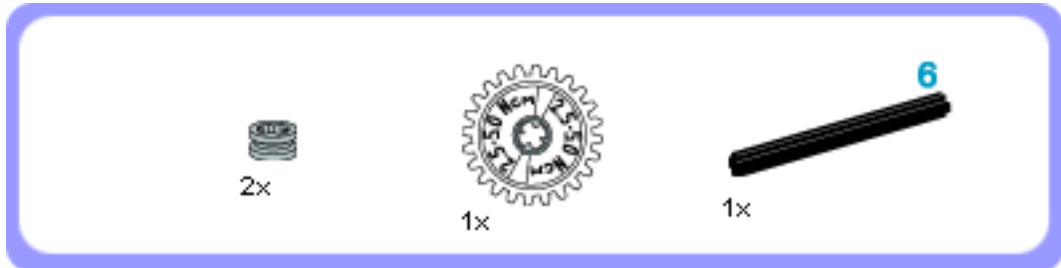
7



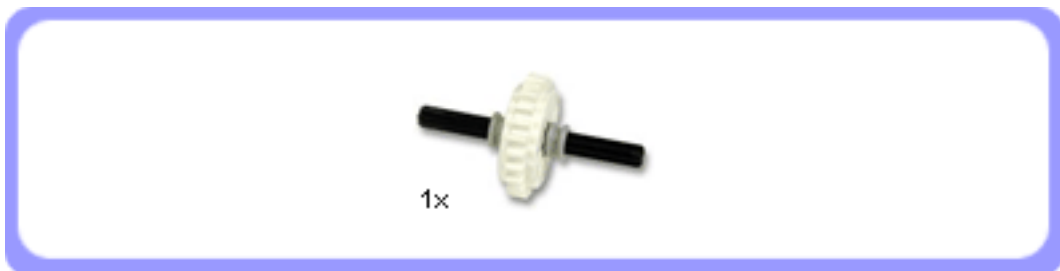
8



9



10



## GRABBER ARM - ARM ASSEMBLY

STEPS 11 - 18

**11**



**12**



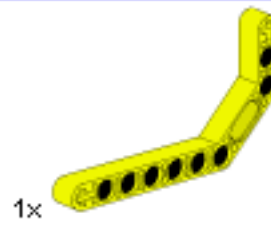
**13**



# 14



# 15



# 16



17



1x



1x



18



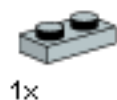
1x



## GRABBER ARM - ARM ASSEMBLY

STEPS 19 - 25

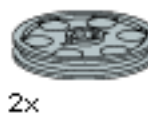
**19**



**20**



**21**

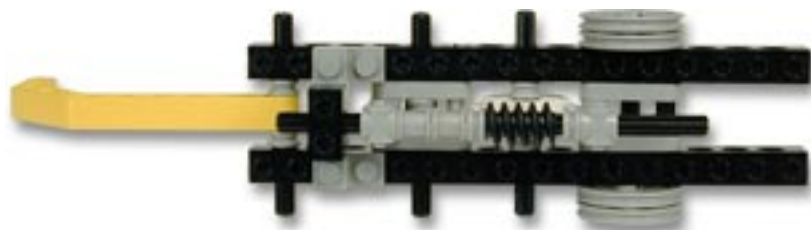
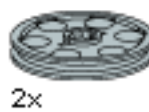




22



23



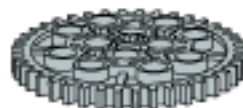
24



## GRABBER ARM - ARM ASSEMBLY

STEPS 25 - 33

**25**



2x



**26**



1x



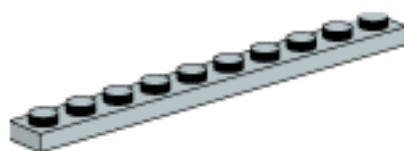
**27**



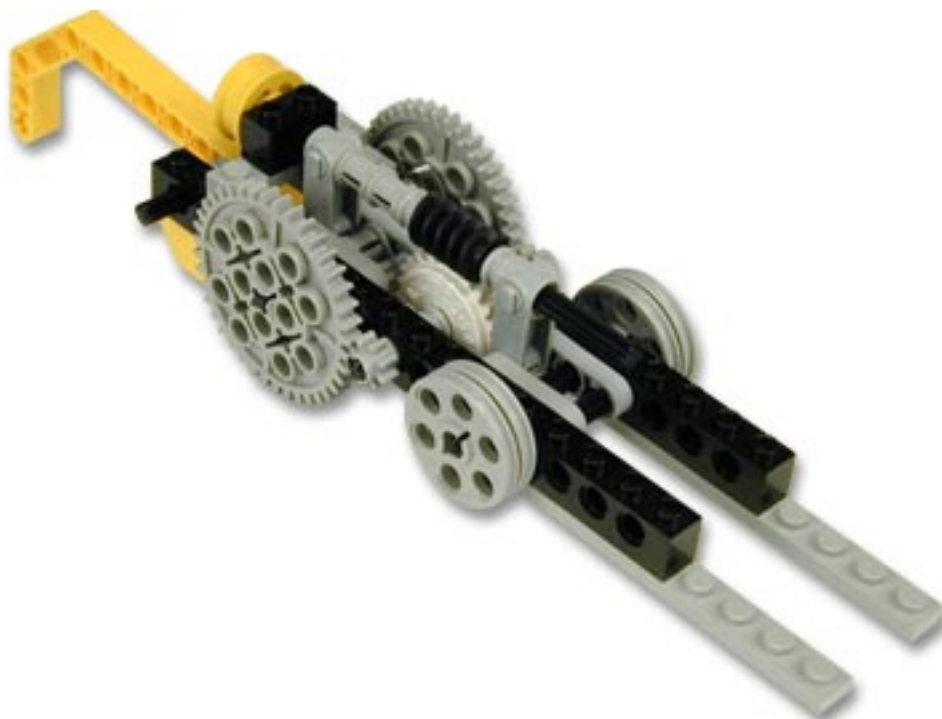
4x



**28**



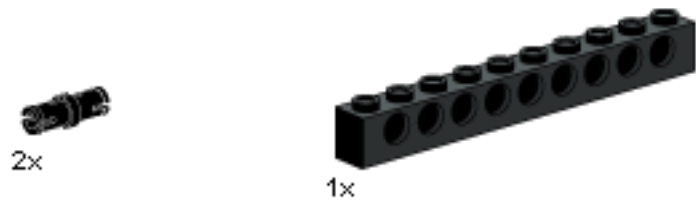
2x



29



30

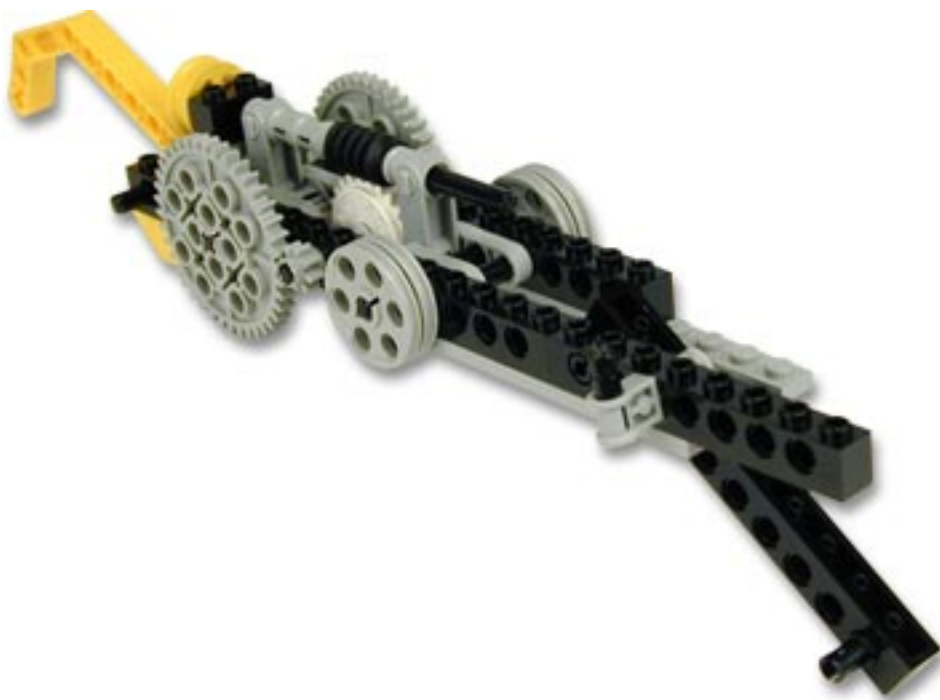


31



32

1x



33

1x



1x



1x



2

1x



## GRABBER ARM - ARM ASSEMBLY

STEPS 34 - 41

**34**



2x



1x



**35**

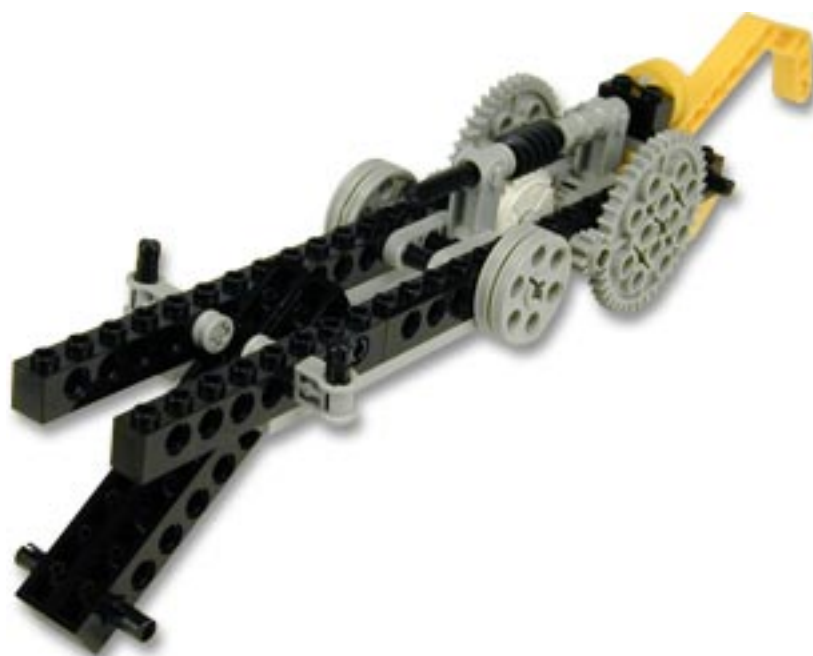


1x



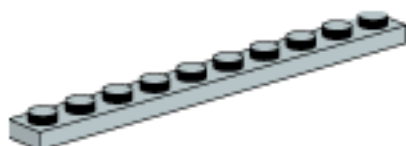
**36**

1x



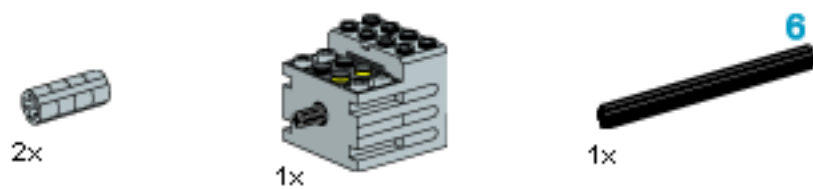
**37**

2x

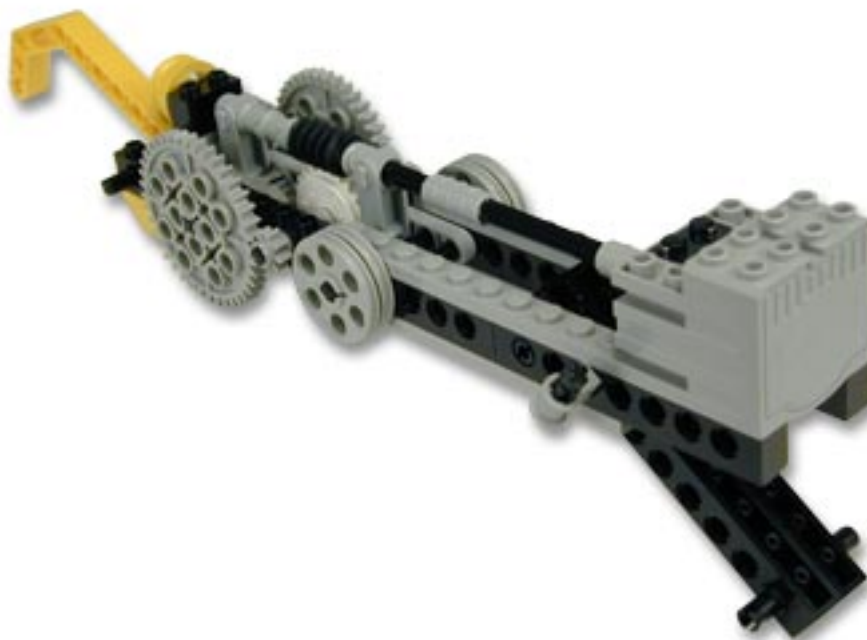




# 38



# 39





40



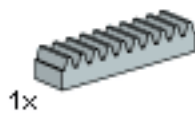
41



## GRABBER ARM - ARM ASSEMBLY

STEPS 42 - 48

42



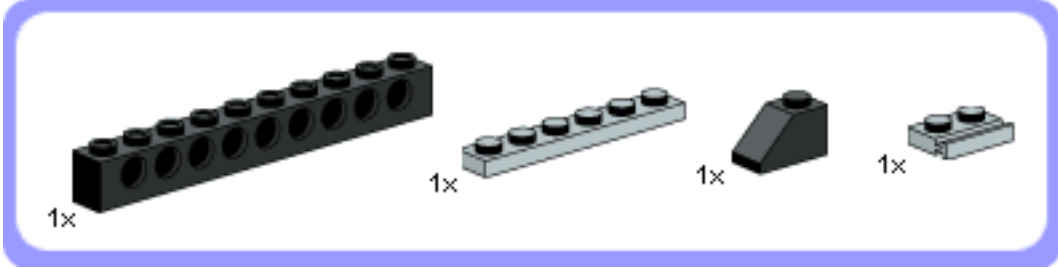
43



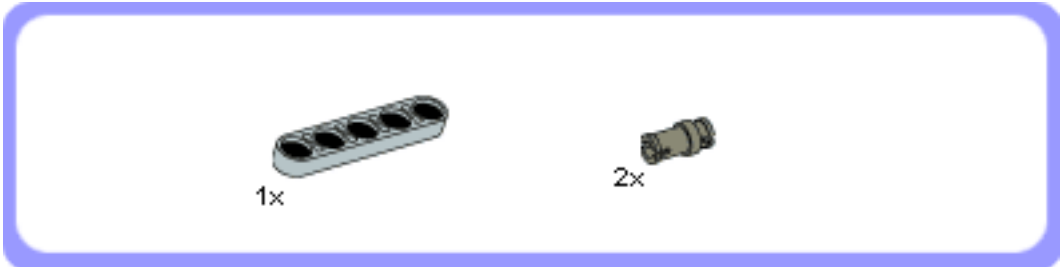
44



45



1x



## GRABBER ARM - ARM ASSEMBLY

STEPS 49 - 57

**49**



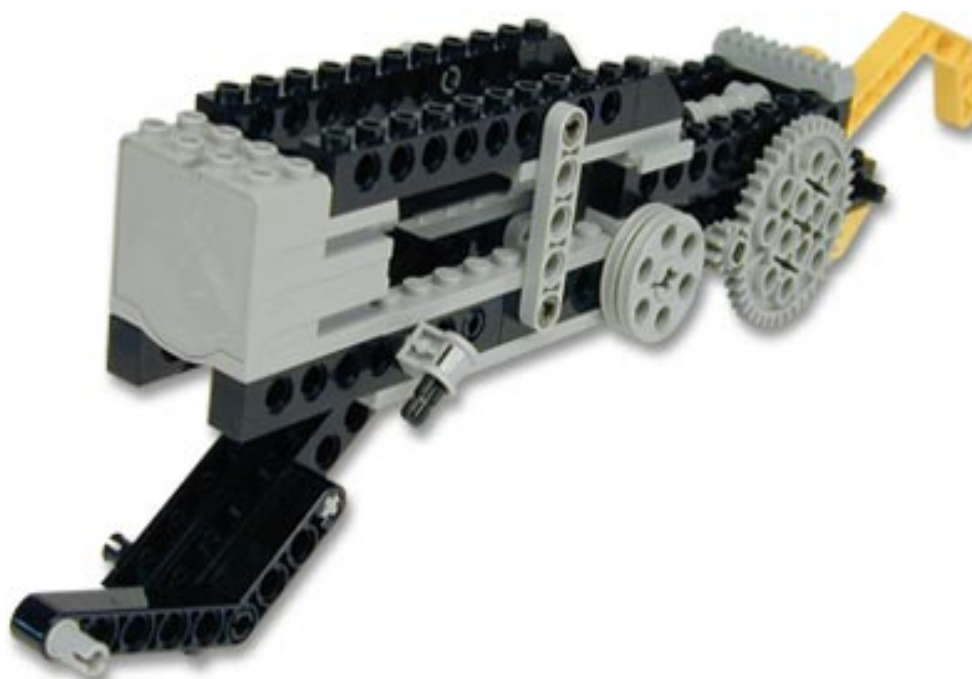
**50**



# 51



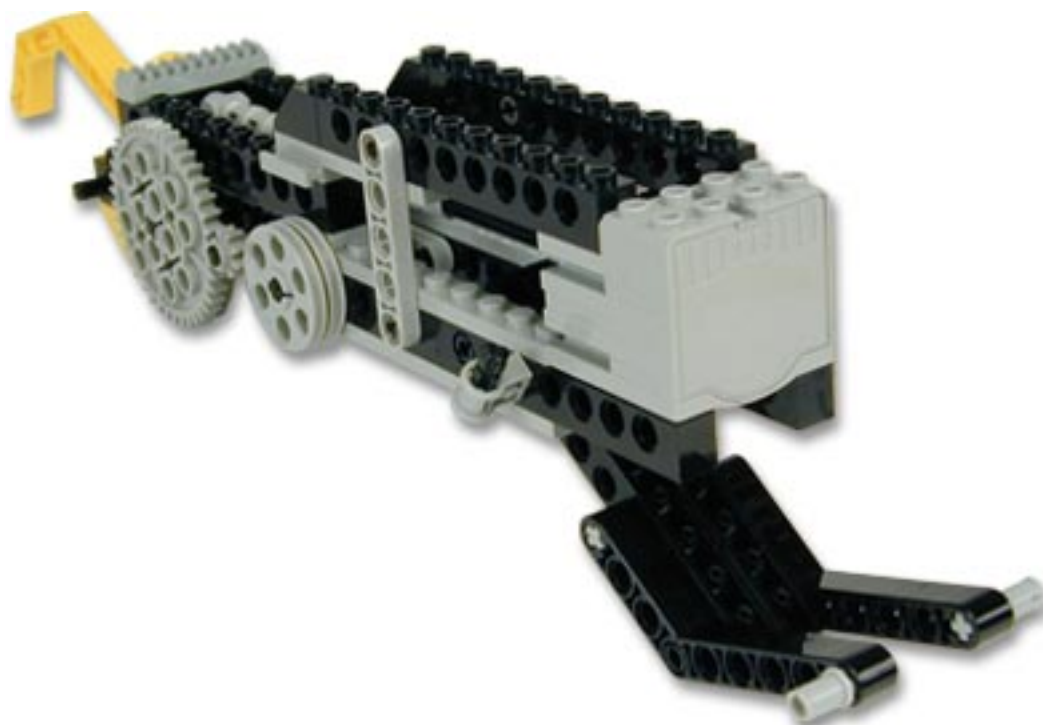
# 52



53

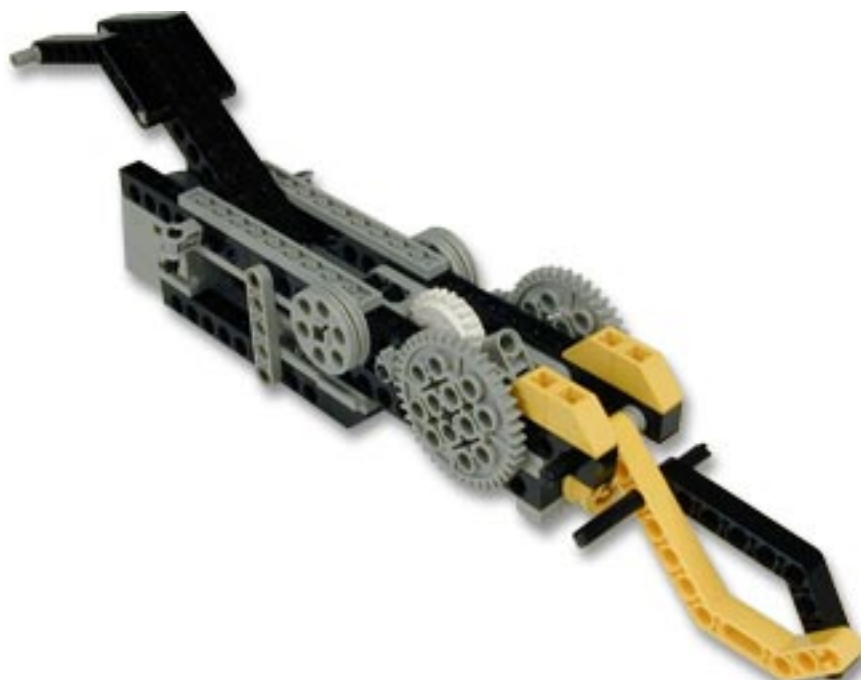


54





55



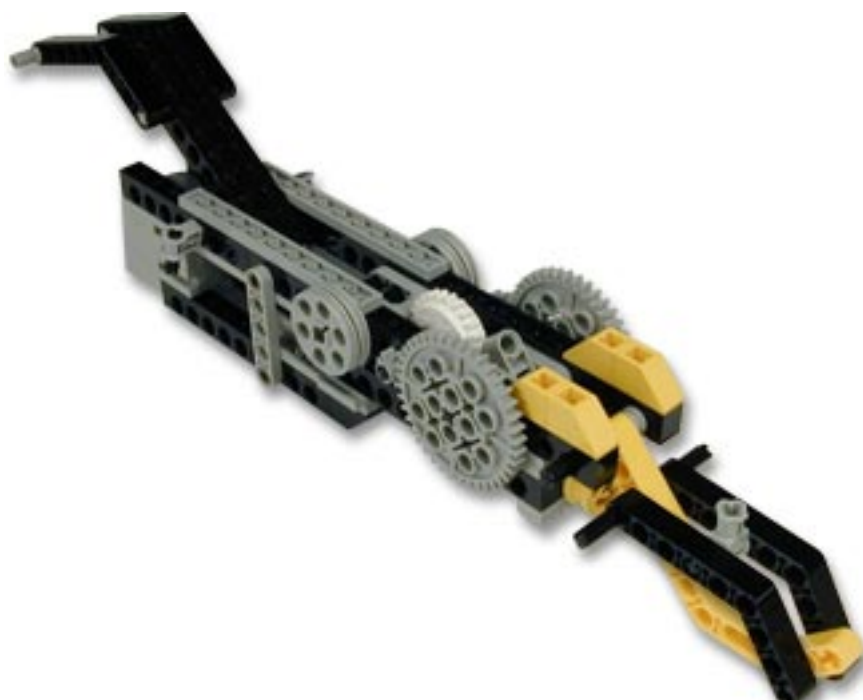
56





**57**

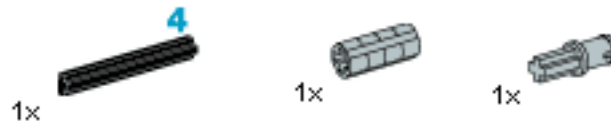
1x



## GRABBER ARM - ARM ASSEMBLY

STEPS 58 - 65

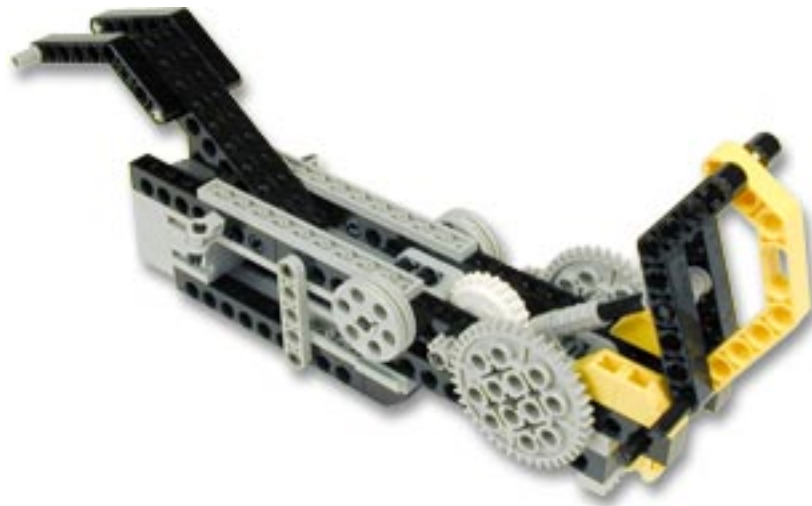
**58**




**59**



60

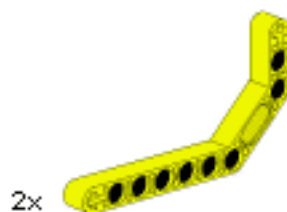


61

2x 



62



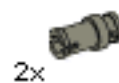
63



64



65



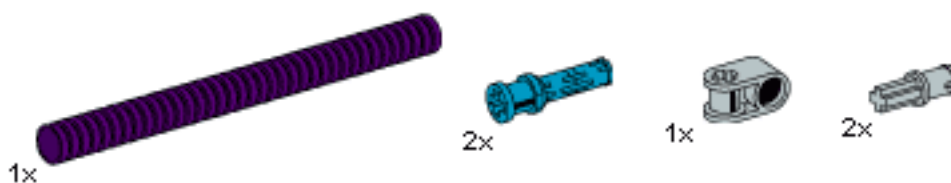
## GRABBER ARM - ARM ASSEMBLY

STEPS 66 - 70

**66**



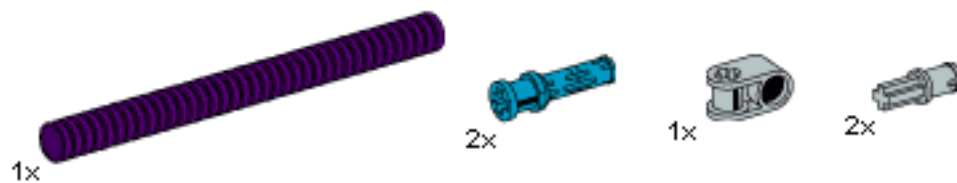
**67**



68



69



70

1x





## GRABBER ARM - FINAL ASSEMBLY

STEPS 1 - 22

**1**



2x



1x



**2**



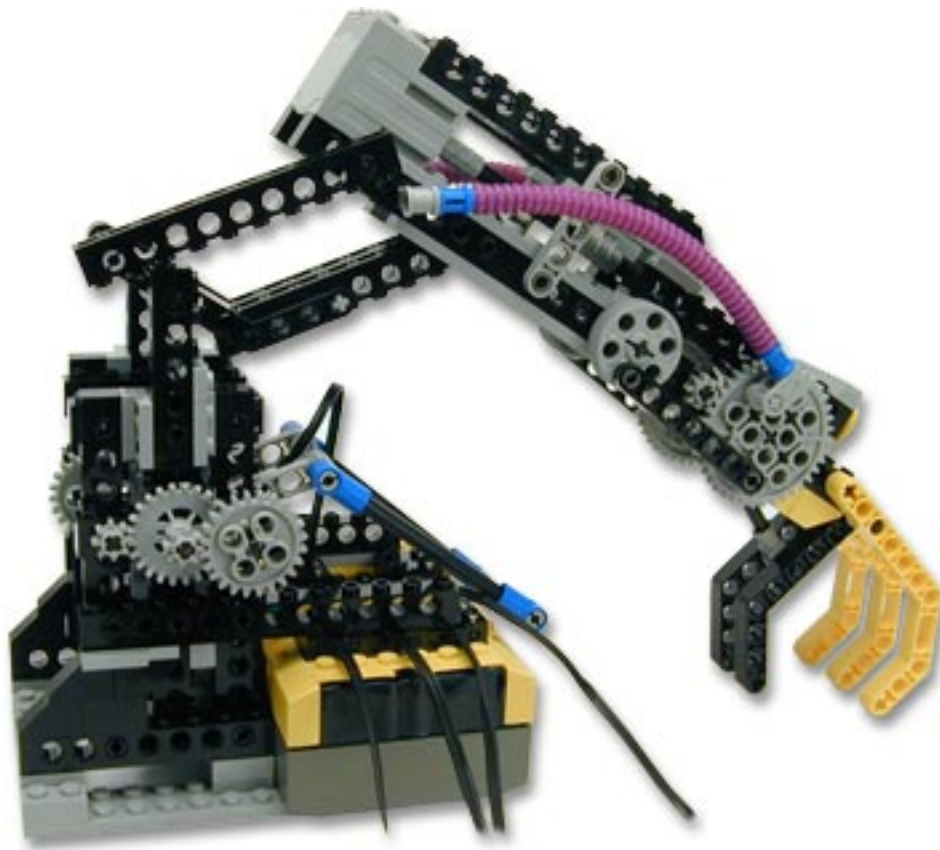
1x



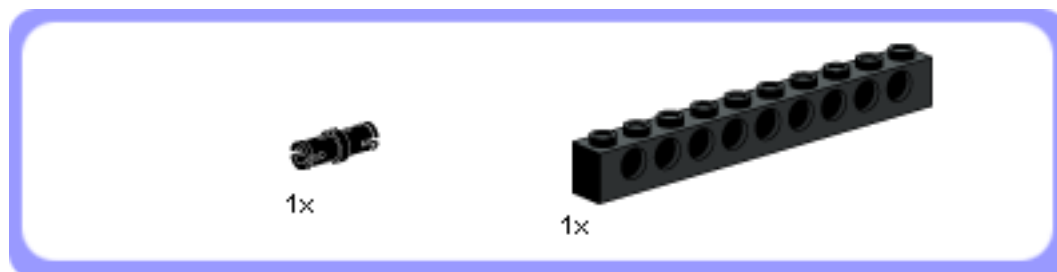
1x



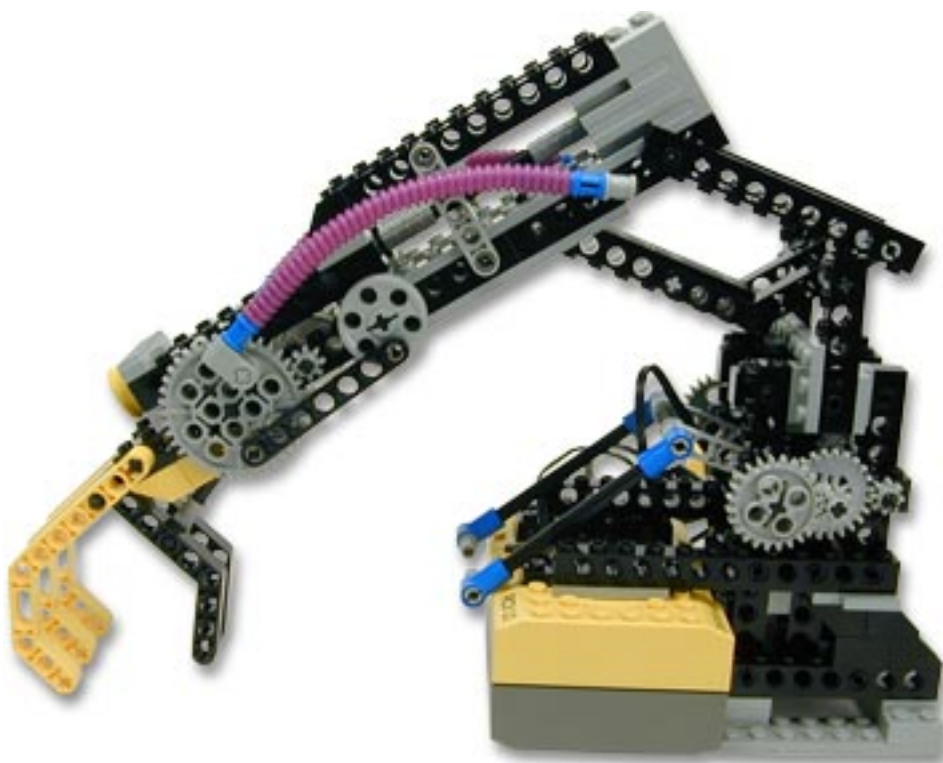
3



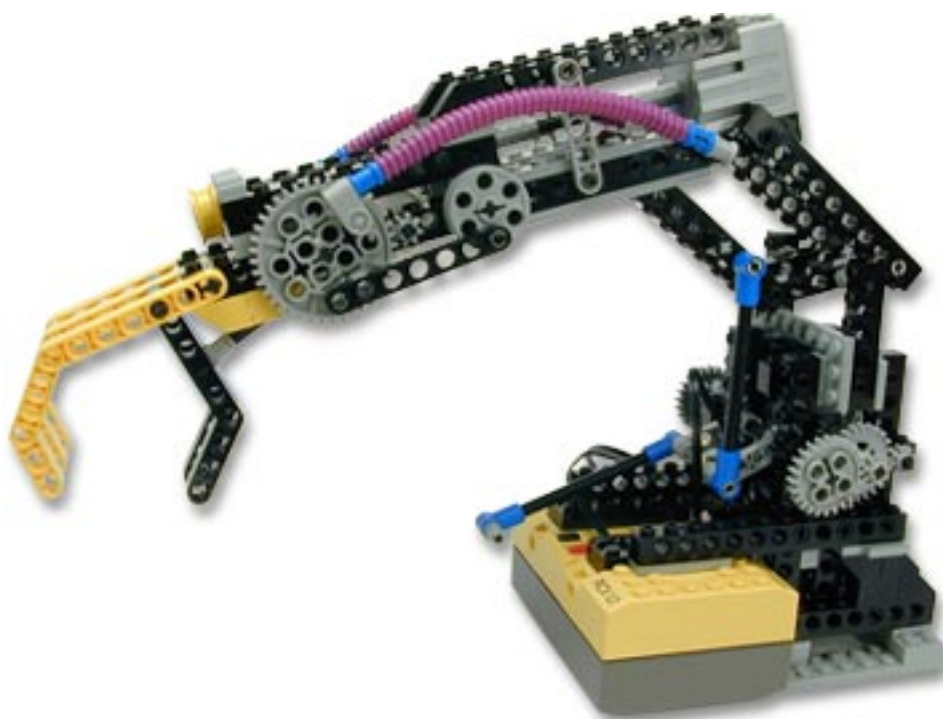
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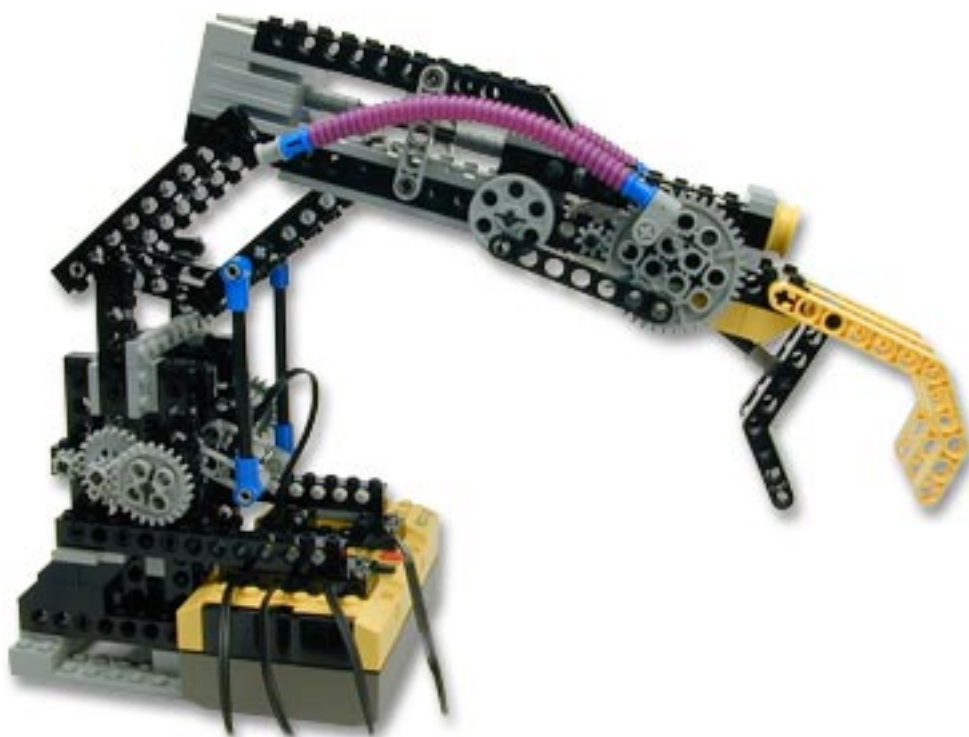
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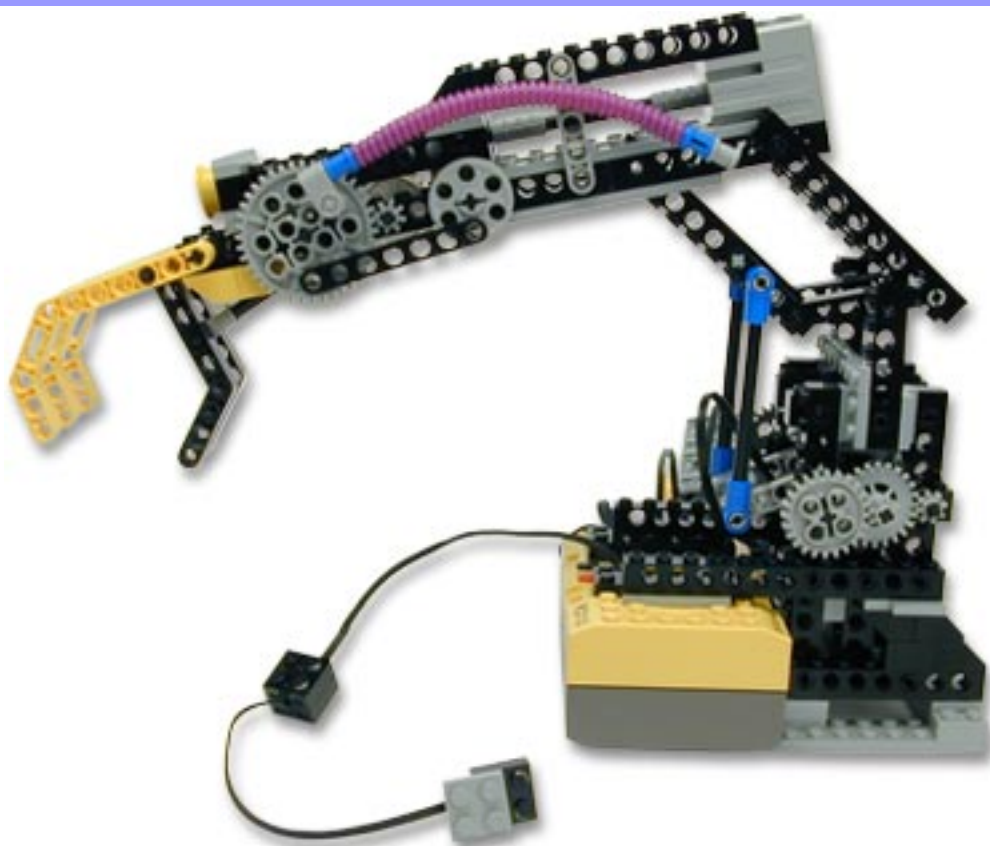
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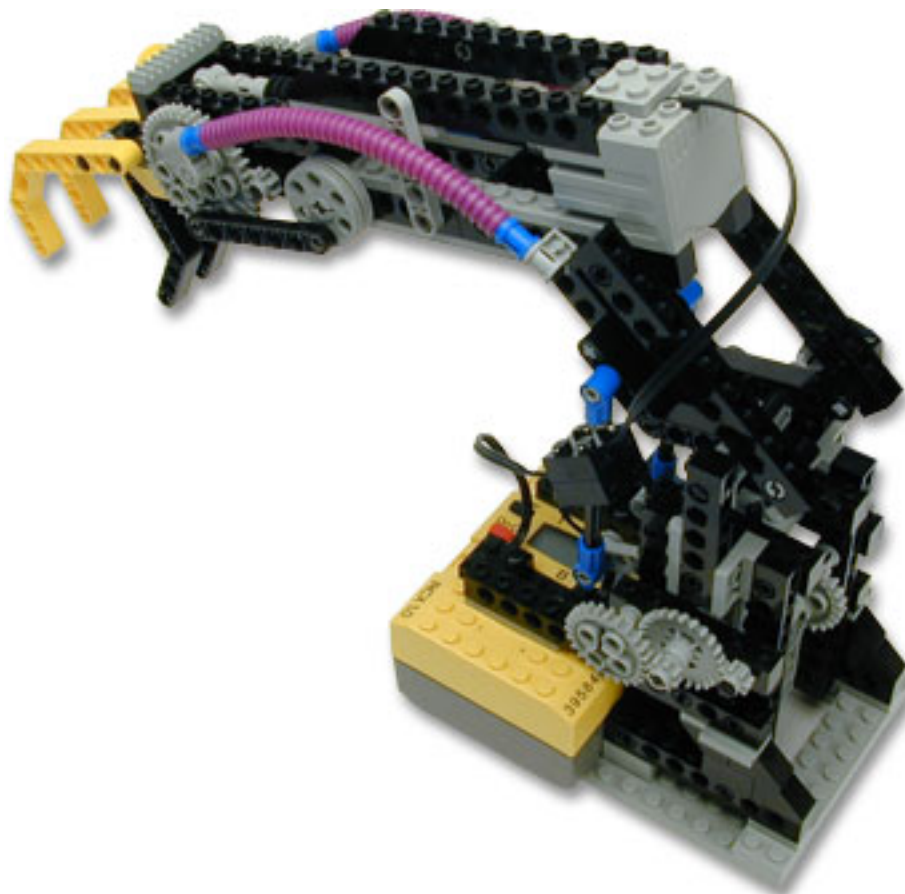
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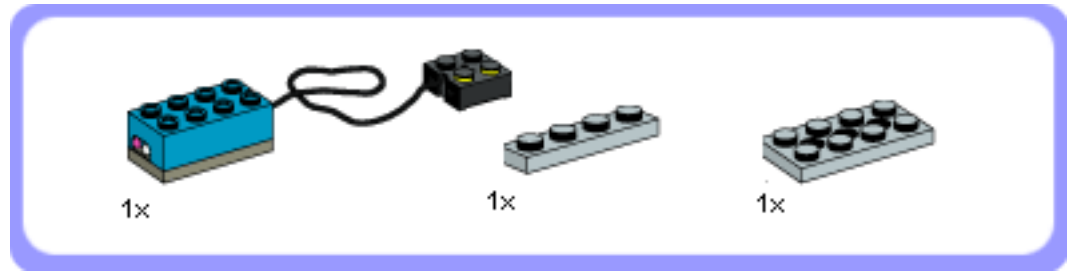


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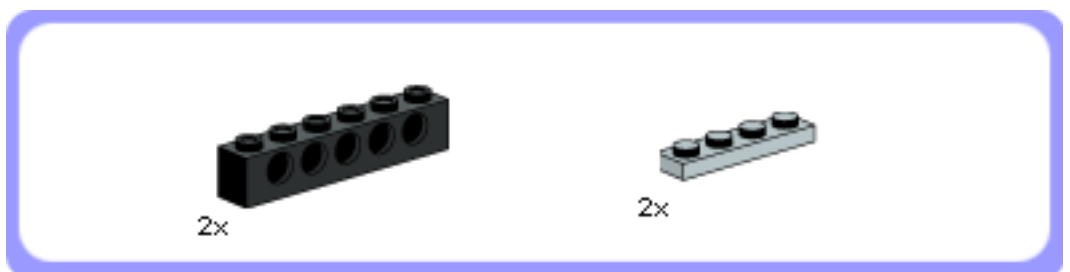




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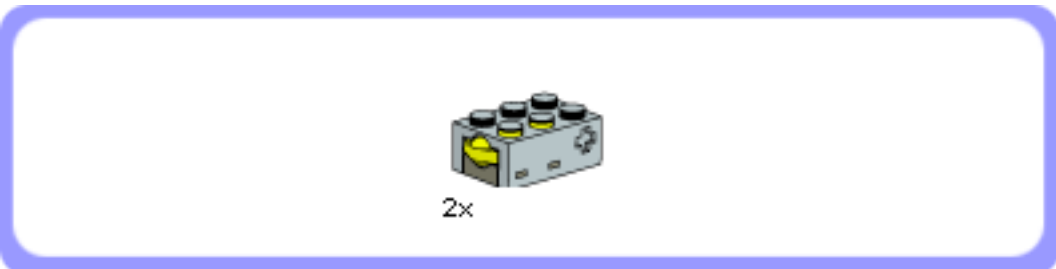
11



12



13



14



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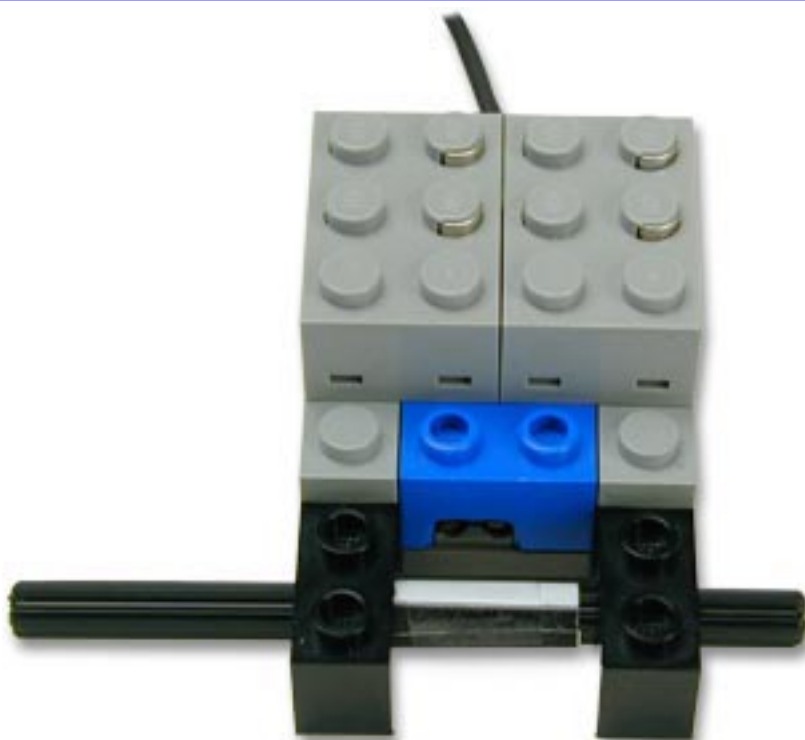
15



1x



1x





# 16



1x



1x



# 17



1x



1x



18

1x



19

1x



# 20



1x



1x



# 21



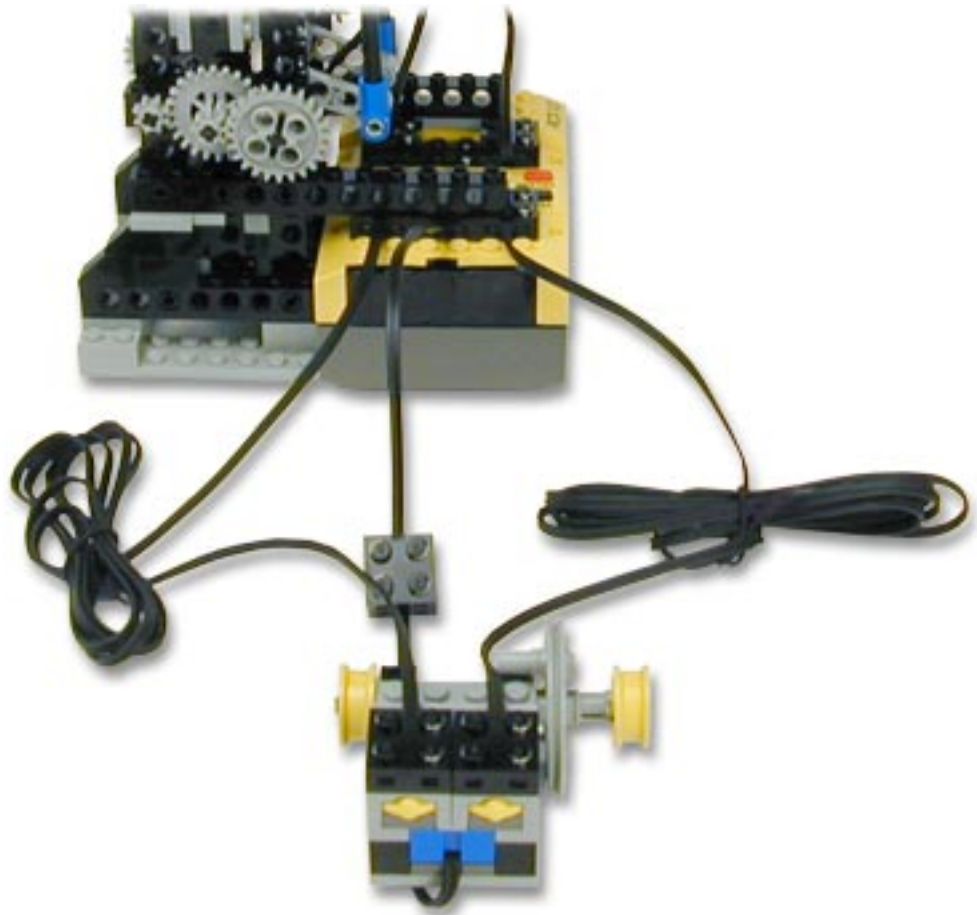
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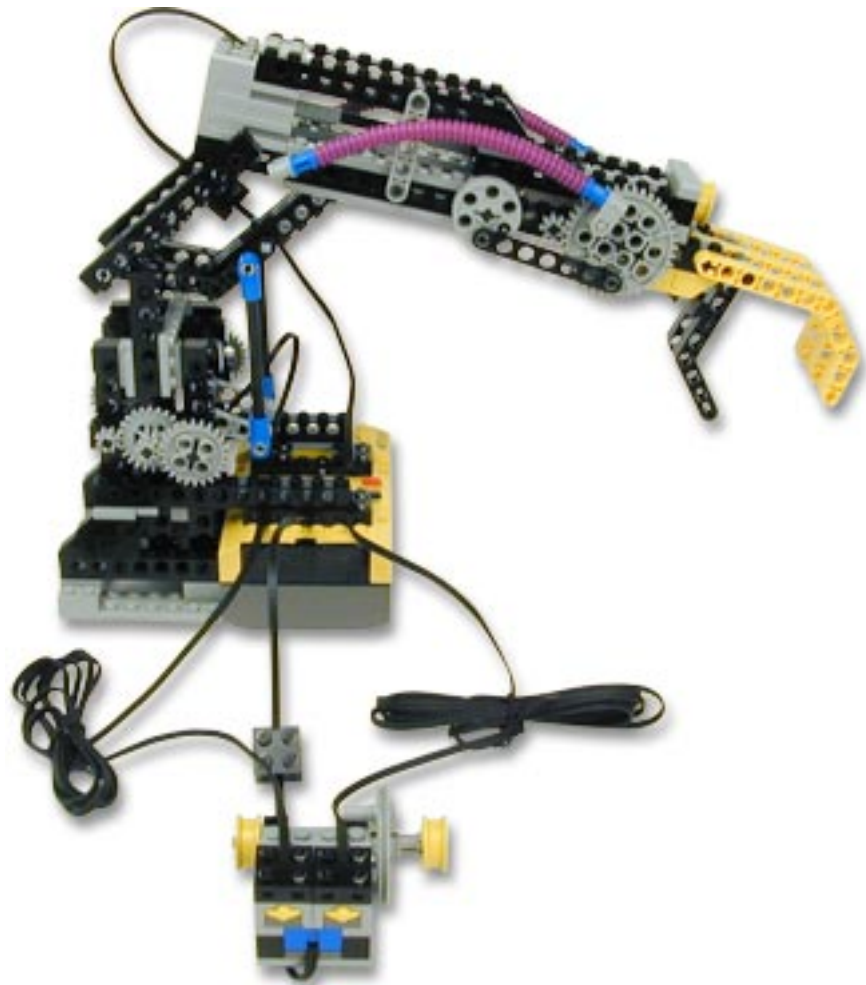


1x



**22**







Print, cut out and tape this image

Imprimez, coupez et enregistrez cette image sur bande

Drucken Sie aus, schneiden Sie und nehmen Sie dieses Bild auf Band auf

Stampare, tagliare e registrare questa immagine

Imprima, corte y grabe esta imagen

## CLUTCH GEAR REPLACEMENT

◀ BACK

9



2x



1x



1x

6



## GRABBER ARM STEP-BY-STEP

### ATTENTION ROBOTICS INVENTION SYSTEM 1.0 OWNERS

[◀ BACK](#)

**In addition to** the parts included with the Robotics Invention System 1.0, you will need the following:

