

HOVIS Lite

응용모델 조립 매뉴얼

12자유도 변신형 보행/주행 양용로봇



Dongbu Robot

호비스 라이트 응용모델 조립 매뉴얼

12자유도 변신형 보행/주행 양용로봇 부품리스트

HOVIS Lite



ID 0 ID 3
ID 6 ID 9

x12 DRS-0101
HerkuleX Servo (Horn 체결)



ID 1 ID 2 ID 4
ID 5 ID 7 ID 8
ID 10 ID 11

x4 DRS-0101
HerkuleX Servo (Horn 미체결)



x2 DRB-0001
Front / Back



x5 DRB-0004
Universal Plate



x4 DRB-0009
U2-type Bracket



x4 DRB-0011
U4-type Bracket



x1 DRB-0007
Battery Case & Holder



x1 DRL-0728
7.4V Li-Po Battery
(3,000mAh)



x1 DRC-005T
Controller



x1 DRI-0004
IR Receiver



x1 DRI-0008
PSD Sensor



x42 DRJ-0001
L-type Joint
(Single Nut)



x10 DRJ-0002
L-type Joint
(Double Nut)



x16 DRJ-0003
L-type Joint
(Hole only)



x4 DRJ-0006
I-type Joint
(12.5mm, Double Nut)



x8 DRJ-0011
Bushing Set



x6 DRH-1001
Horn (Plastic)



x4 DCW-0001
Wheel (White, Ø60)

호비스 라이트 응용모델 조립 매뉴얼

12자유도 변신형 보행/주행 양용로봇 부품리스트

HOVIS Lite

1:1 SCALE

 **x16** DRA-0051 Nut (M2)
  **x58** DRA-0056 Bolt (PH/M 2.0X4)
  **x94** DRA-0058 Bolt (PH/M 2.0X6)
  **x36** DRA-0059 Bolt (PH/M 2.0X8)

 **x8** DRA-0062 Bolt (PH/M 3.0X8)
  **x24** DRA-0064 Bolt (PH/T 2.0X5)
  **x8** DRA-0067 Horn Bolt (BH/T 2.6X8)



x4 DRA-0002 Harness (75mm)



x6 DRA-0006 Harness (200mm)



x2 DRA-0007 Harness (300mm)



x1 DRA-0021 PSD Harness 3pin (200mm)

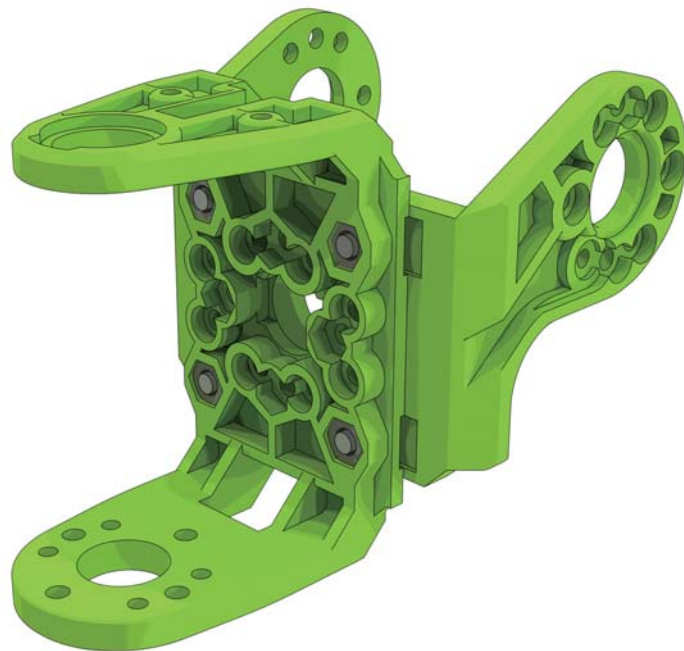
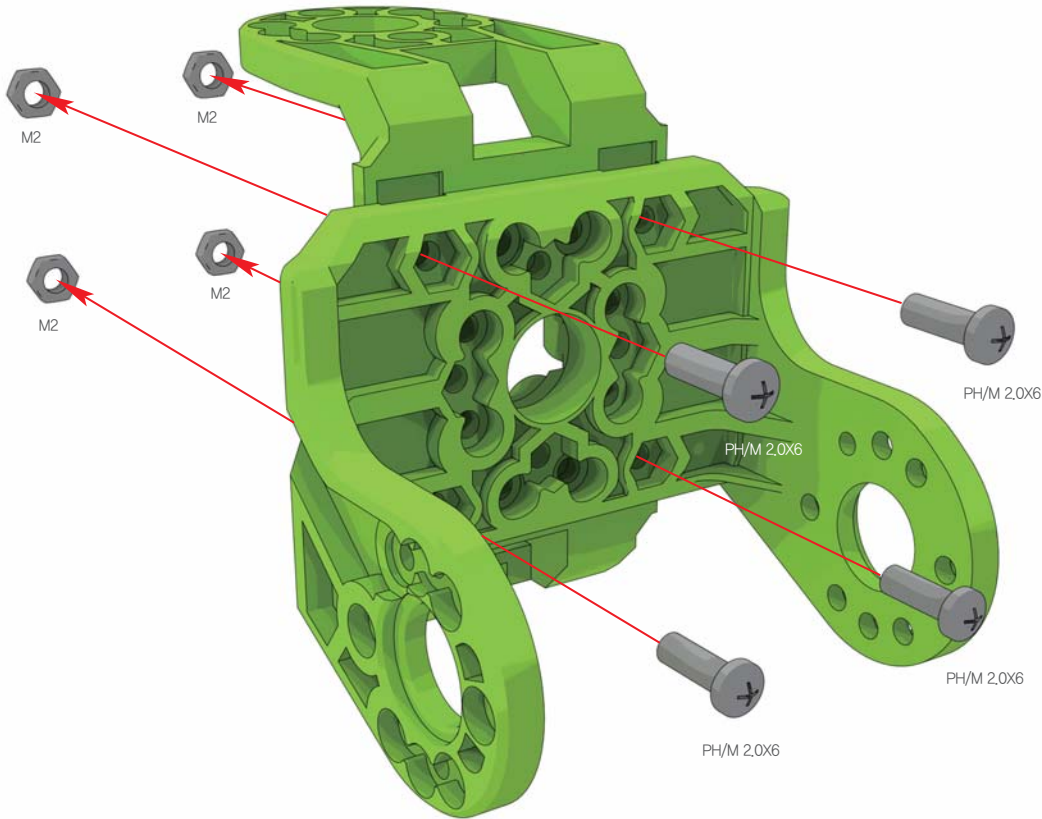
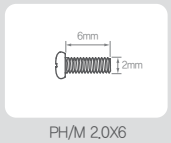


x1 DRA-0027 IR Receiver Harness 3pin (150mm)

사용부품



1:1 SCALE



※ 나머지 3세트도 동일한 방법으로 조립합니다. (총 4세트 조립)



DRS-0101
HerkuleX Servo

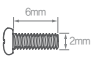


DRA-0058 **87H**
Bolt (PH/M 2.0X6)



DRJ-0001
L-type Joint
(Single Nut)

1:1 SCALE



PH/M 2.0X6

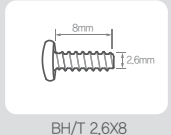
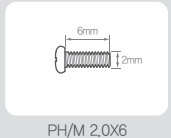


※ 나머지 **3세트**도 동일한 방법으로 조립합니다.
(총 4세트[ID 0번, 3번, 6번, 9번] 조립)

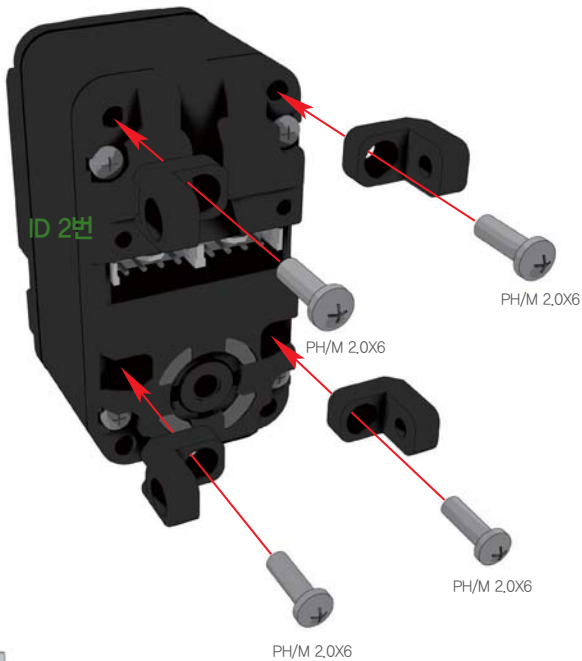
사용부품



1:1 SCALE



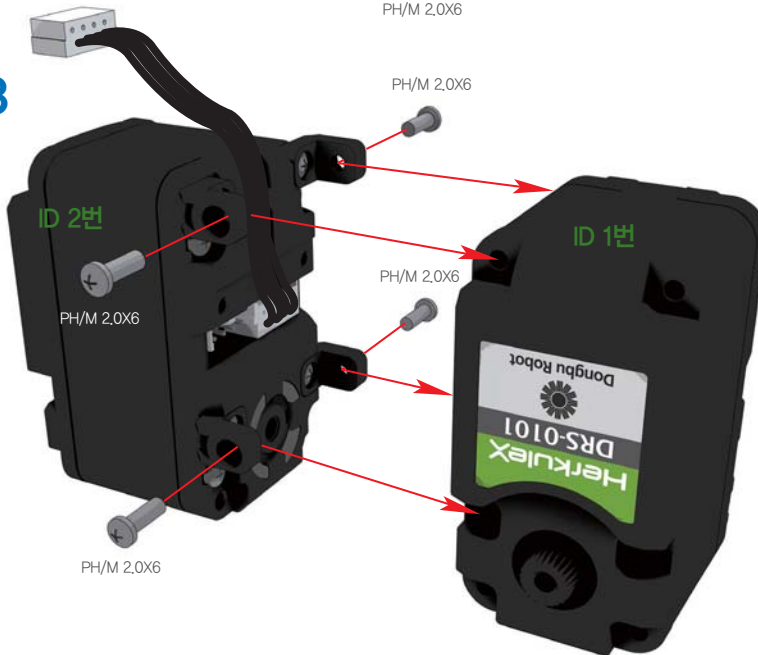
1



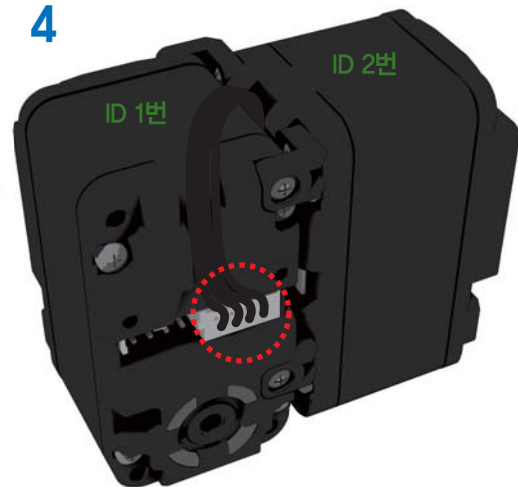
2



3



4

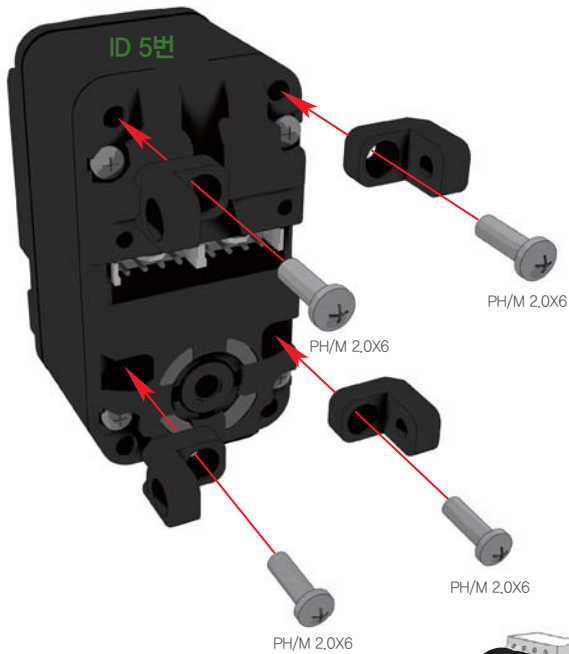


5



※ 나머지 1세트도 동일한 방법으로 조립합니다. (총 2세트 조립)

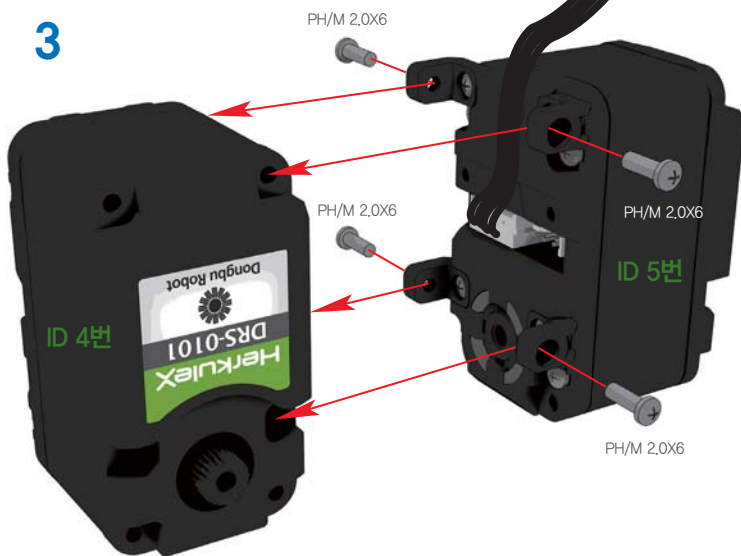
1



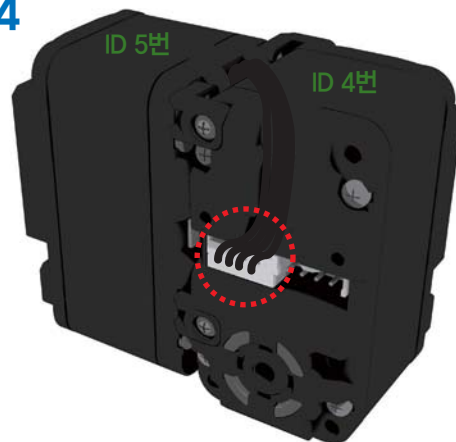
2



3



4



5

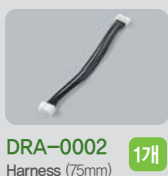
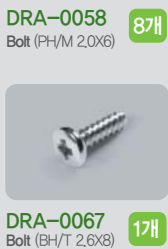


BH/T 2.6X8

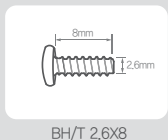
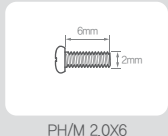


※ 나머지 1세트도 동일한 방법으로 조립합니다. (총 2세트 조립)

사용부품



1:1 SCALE



사용부품



DRA-0062
Bolt (PH/M 3.0x8) **1개**

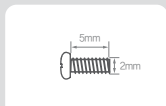


DRA-0064
Bolt (PH/T 2.0x5) **3개**

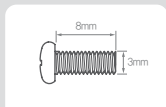


DRJ-0011
Bushing Set **1개**

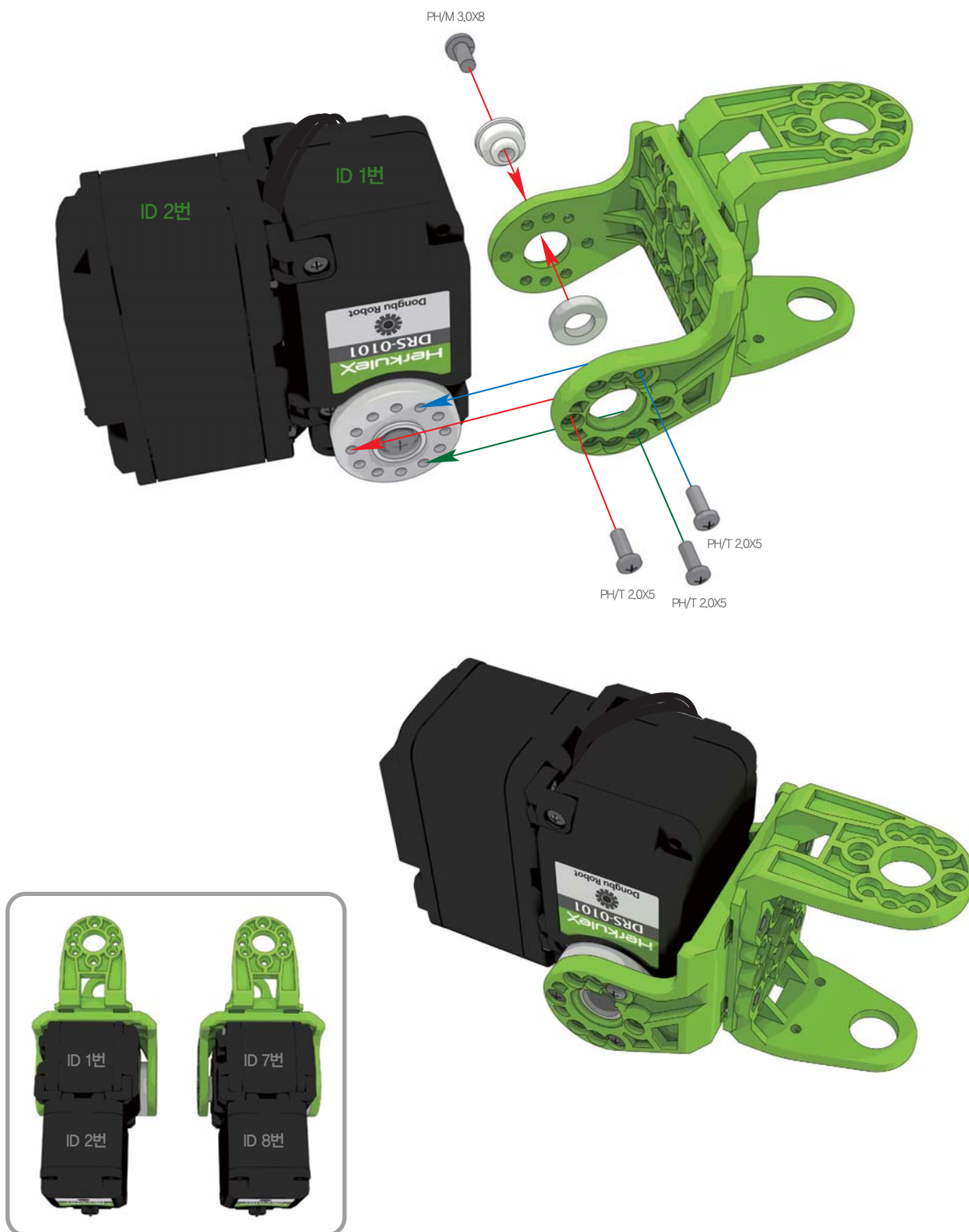
1:1 SCALE



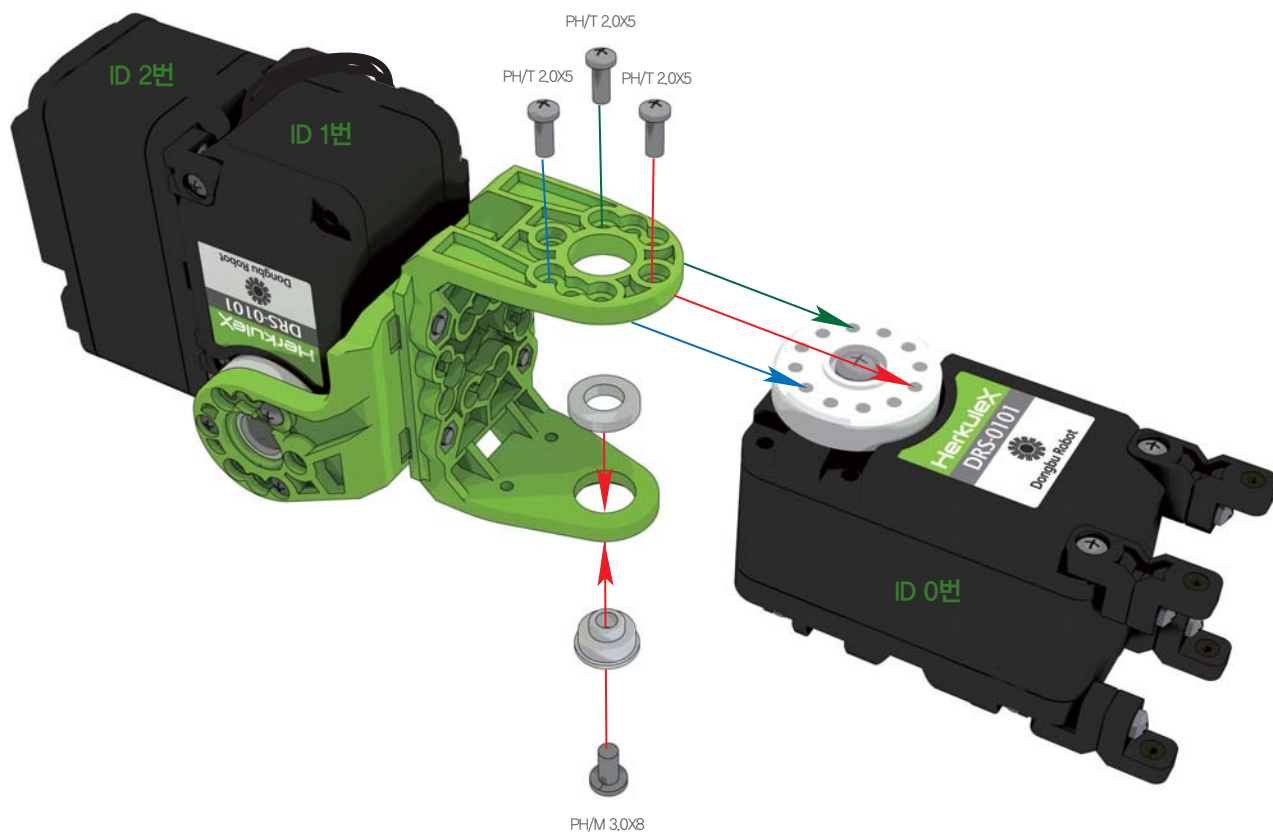
PH/T 2.0x5



PH/M 3.0x8



※ 나머지 1세트도 동일한 방법으로
조립합니다. (총 2세트 조립)



※ 나머지 1세트도 동일한 방법으로
조립합니다. (총 2세트 조립)

사용부품



DRA-0062
Bolt (PH/M 3.0x8) 1개

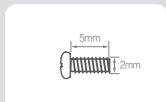


DRA-0064
Bolt (PH/T 2.0x5) 3개

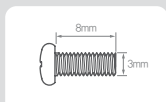


DRJ-0011
Bushing Set 1개

1:1 SCALE



PH/T 2.0x5



PH/M 3.0x8

사용부품



DRA-0062
Bolt (PH/M 3.0x8) **17개**

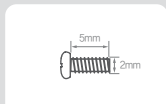


DRA-0064
Bolt (PH/T 2.0x5) **37개**

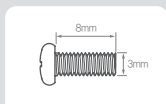


DRJ-0011
Bushing Set **17개**

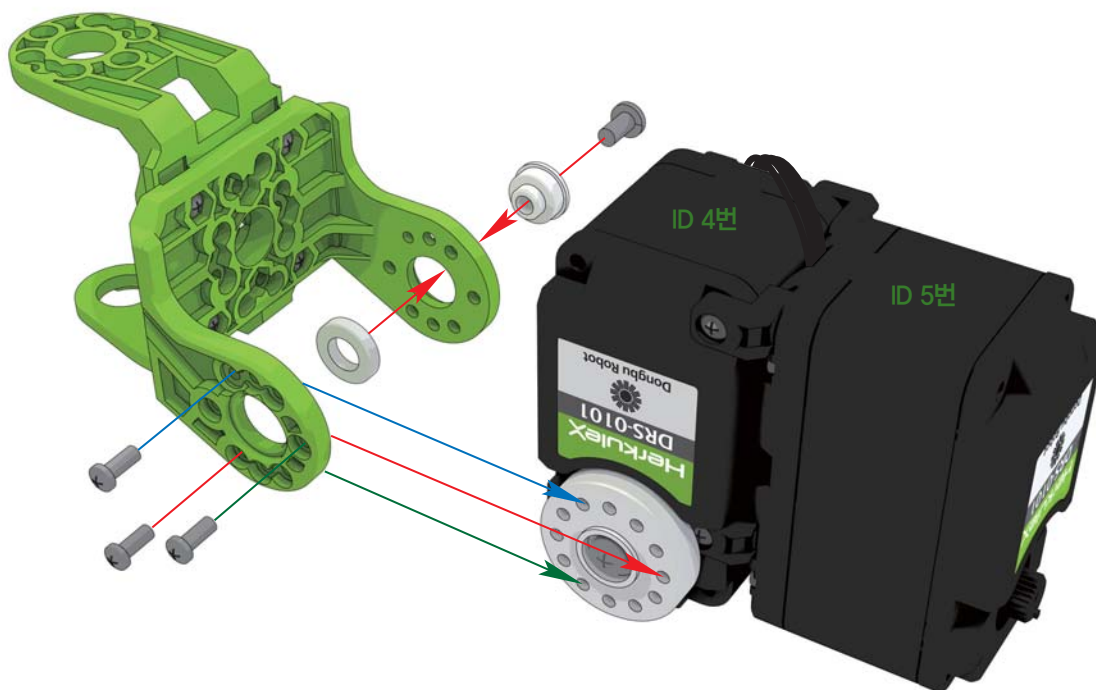
1:1 SCALE



PH/T 2.0x5



PH/M 3.0x8



※ 나머지 1세트도 동일한 방법으로
조립합니다. (총 2세트 조립)

사용부품



DRA-0062
Bolt (PH/M 3.0x8) 1개



DRA-0064
Bolt (PH/T 2.0x5) 3개

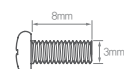


DRJ-0011
Bushing Set 1개

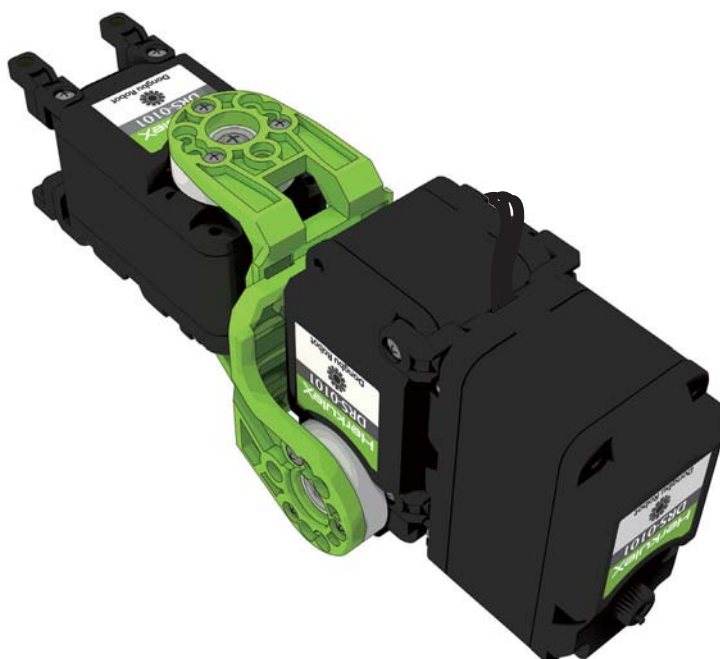
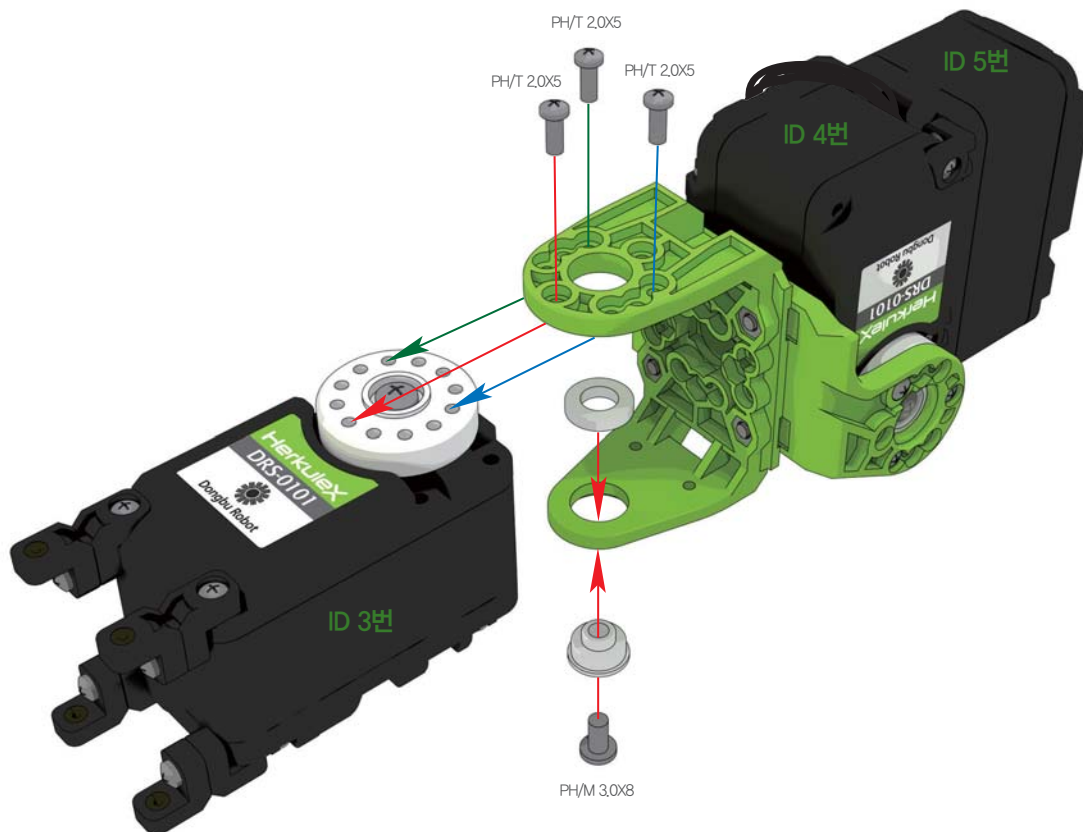
1:1 SCALE



PH/T 2.0x5



PH/M 3.0x8



※ 나머지 1세트도 동일한 방법으로
조립합니다. (총 2세트 조립)

사용부품



DRA-0056 8개
Bolt (PH/M 2.0x4)



DRA-0059 8개
Bolt (PH/M 2.0x8)



DRJ-0001 8개
L-type Joint (Single Nut)

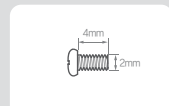


DRJ-0002 8개
L-type Joint (Double Nut)

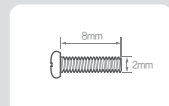


DRB-0004 4개
Universal Plate

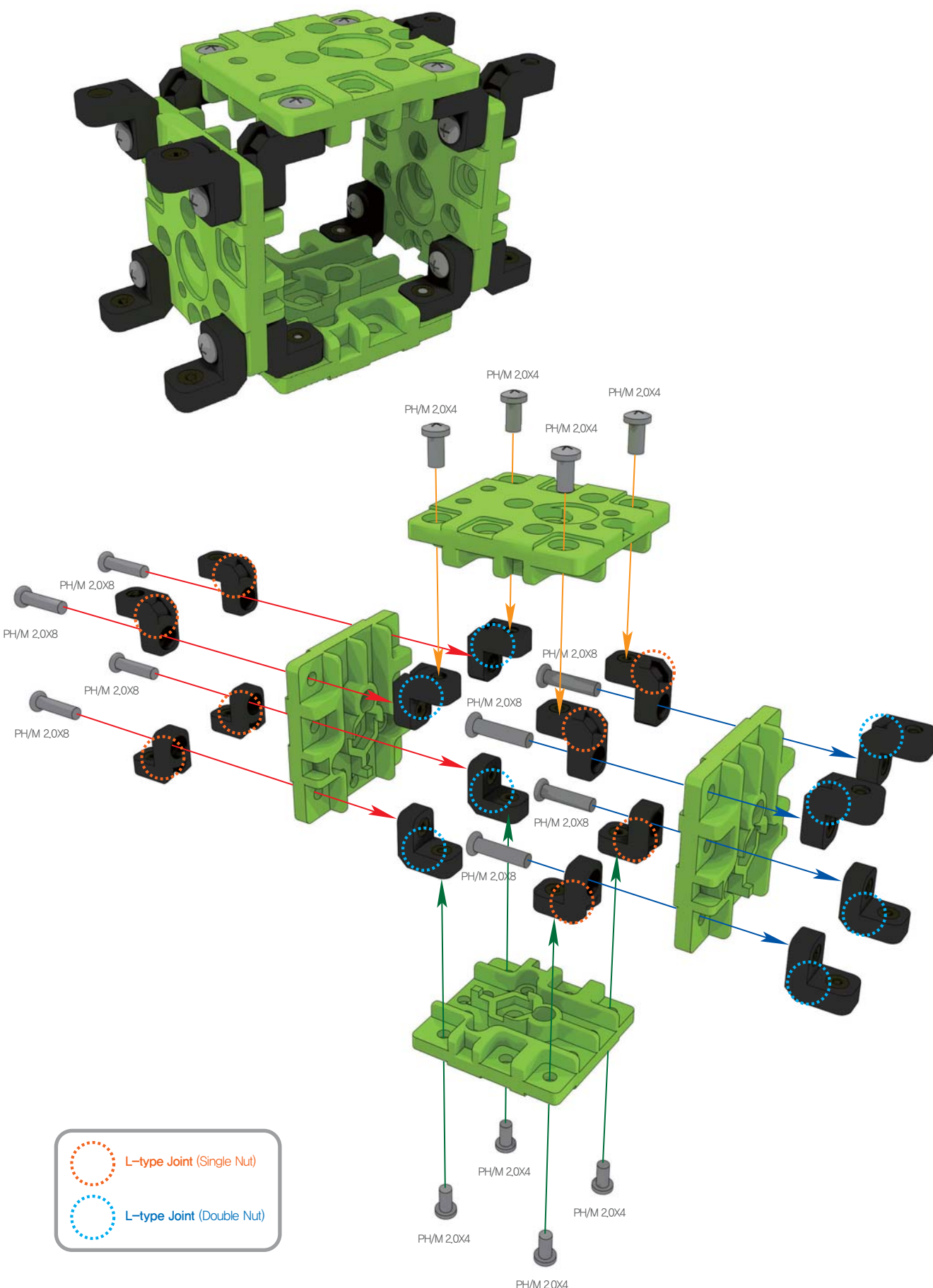
1:1 SCALE

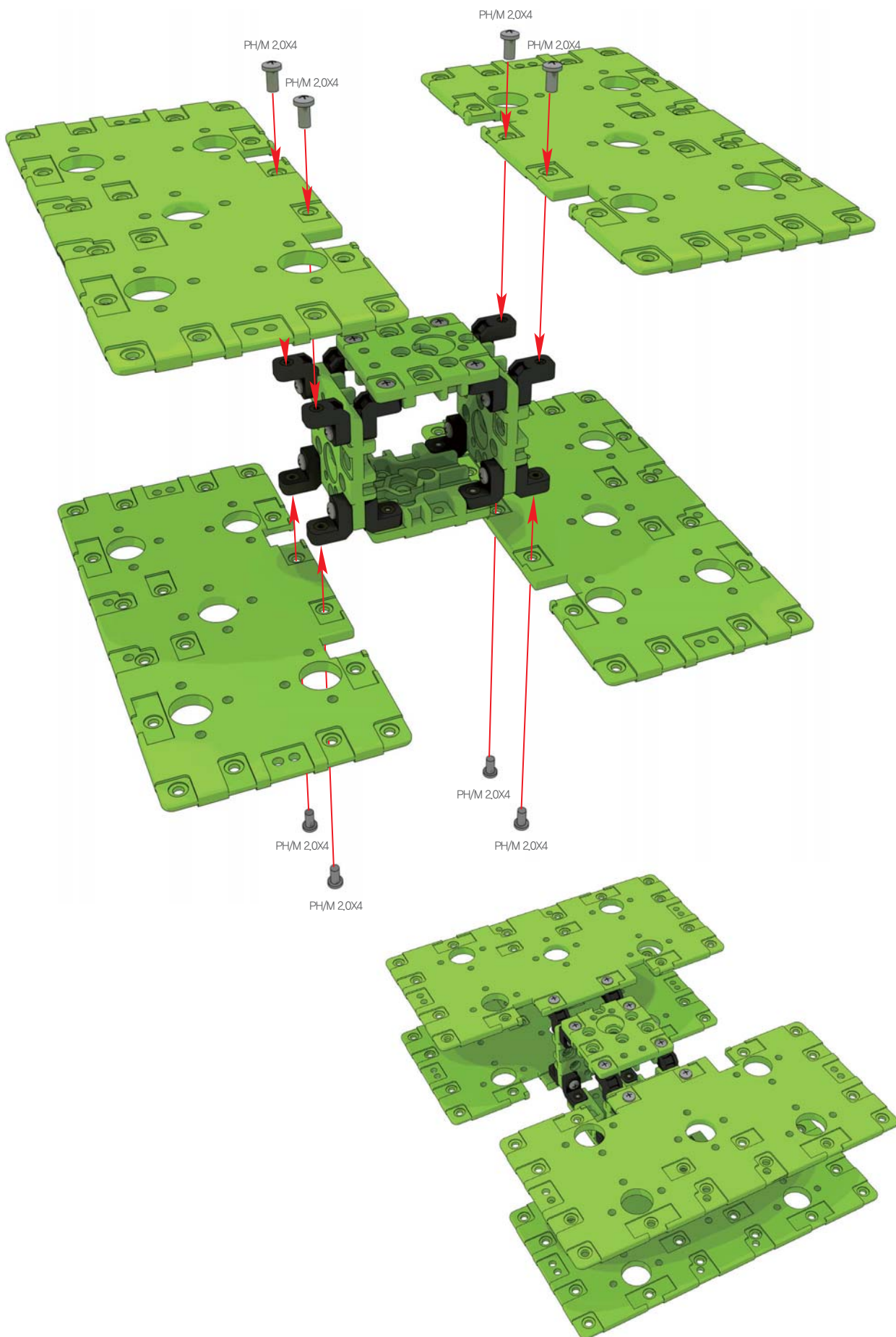


PH/M 2.0x4



PH/M 2.0x8





사용부품

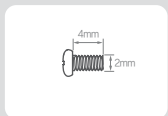


DRA-0056 8개
Bolt (PH/M 2.0x4)



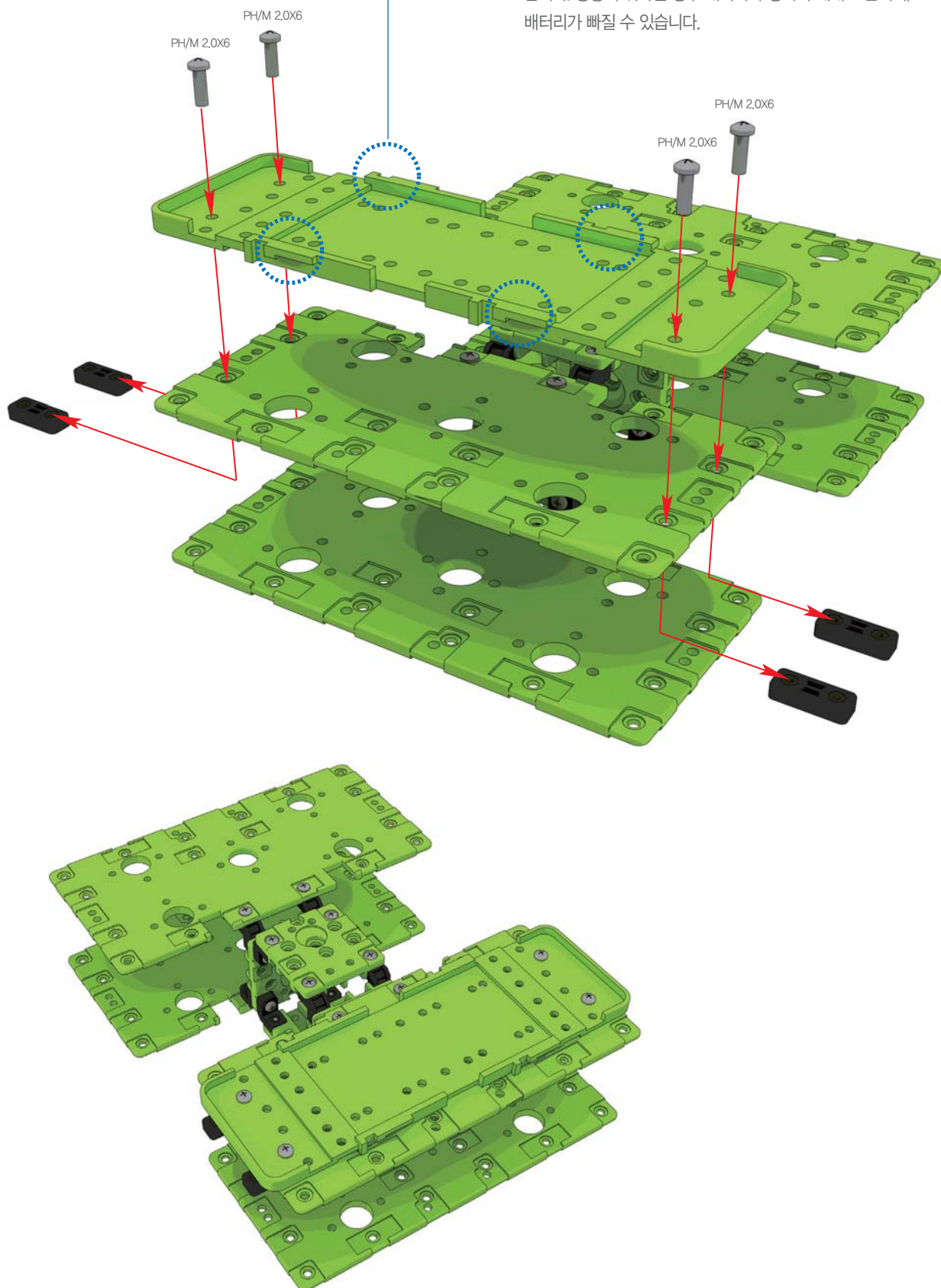
DRB-0001 2개
Front / Back

1:1 SCALE



PH/M 2.0x4

※ 배터리 홀더 설치 시 방향에 유의하여 주십시오. 그림에 표시된 부분의 형상을 잘 보고 조립을 해야만 적절한 배터리 장착이 가능합니다. 방향이 뒤바뀔 경우 배터리가 장착이 제대로 안되어, 배터리가 빠질 수 있습니다.



사용부품



DRA-0058 2개
Bolt (PH/M 2.0x6)

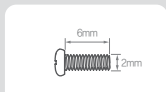


DRJ-0006 2개
I-type Joint
(12.5mm, Double Nut)



DRB-0007 1개
Battery Holder

1:1 SCALE



PH/M 2.0x6

사용부품



DRA-0058
Bolt (PH/M 2.0X6)

47개



DRA-0059
Bolt (PH/M 2.0X8)

27개



DRJ-0006
I-type Joint
(12.5mm, Double Nut)

27개



DRB-0004
Universal Plate

17개



DRA-0021
PSD Harness
3pin (200mm)

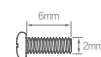
17개



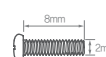
DRI-0008
PSD Sensor

17개

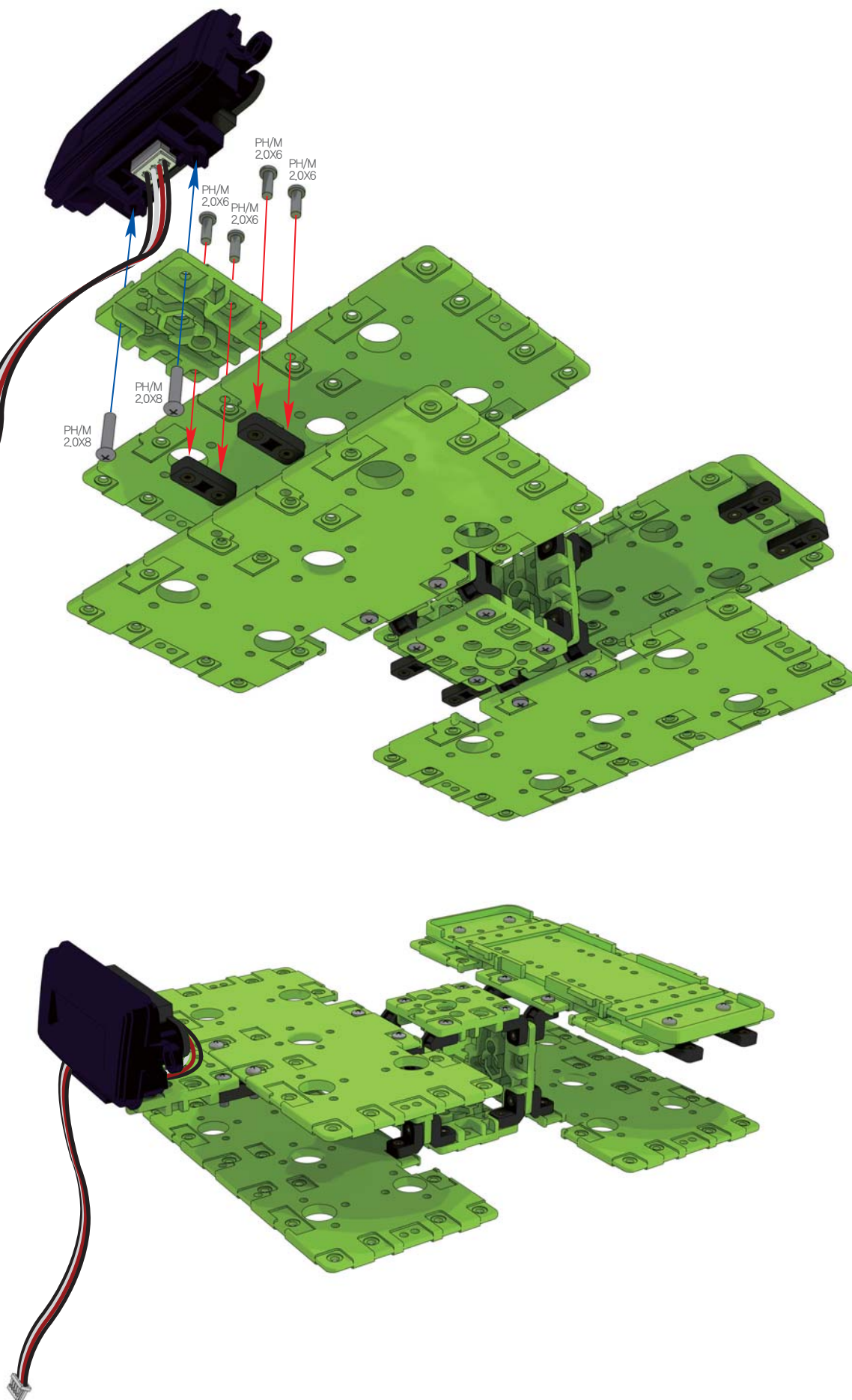
1:1 SCALE



PH/M 2.0X6



PH/M 2.0X8



사용부품



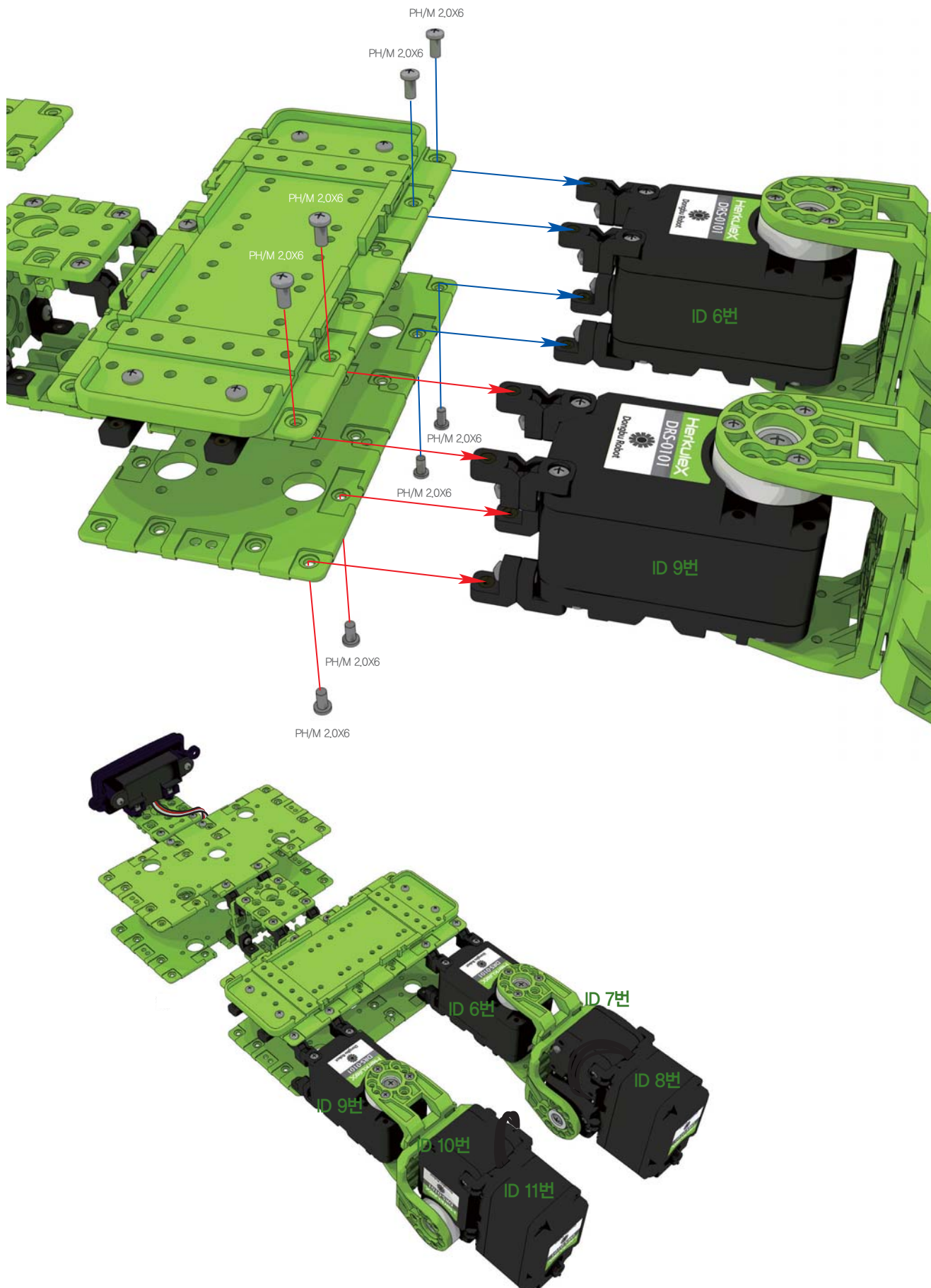
DRA-0058
Bolt (PH/M 2.0x6)

8개

1:1 SCALE



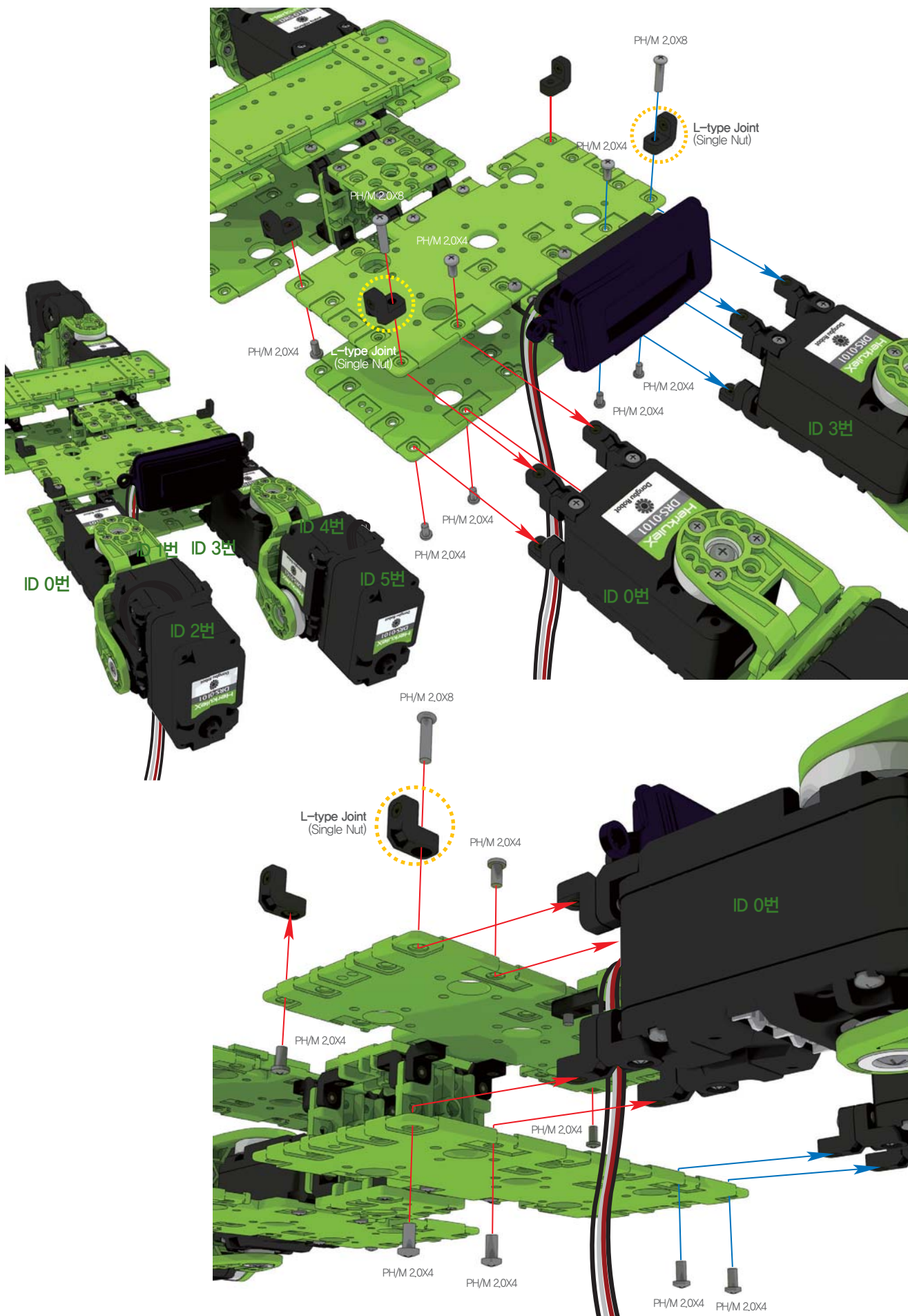
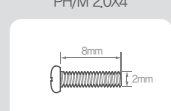
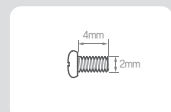
PH/M 2.0x6



사용부품



1:1 SCALE



사용부품

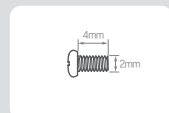


DRA-0056
Bolt (PH/M 2.0X4) 8개

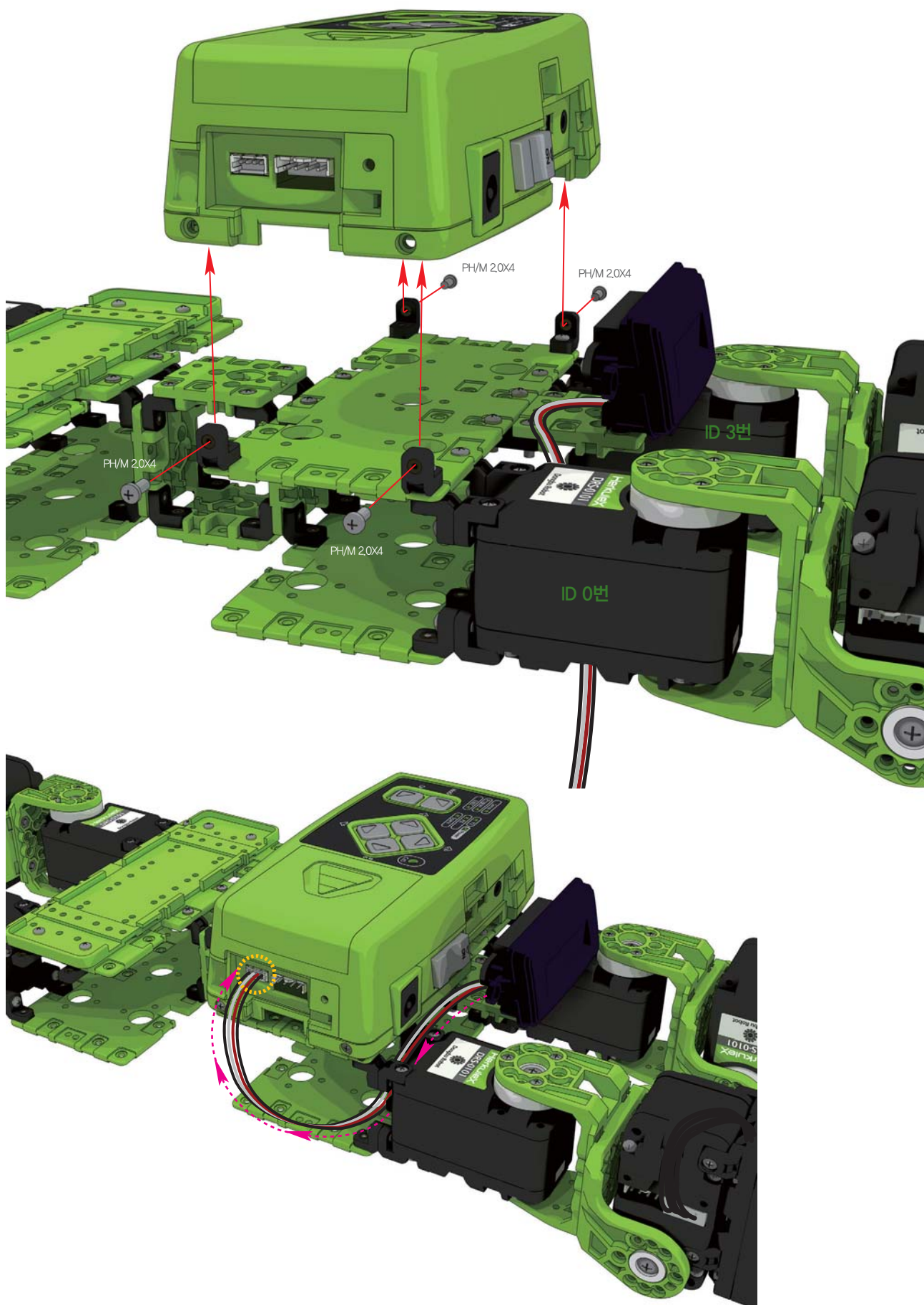


DRC-005T
Controller 1개

1:1 SCALE



PH/M 2.0X4



사용부품



DRA-0056
Bolt (PH/M 2.0X4)

87개



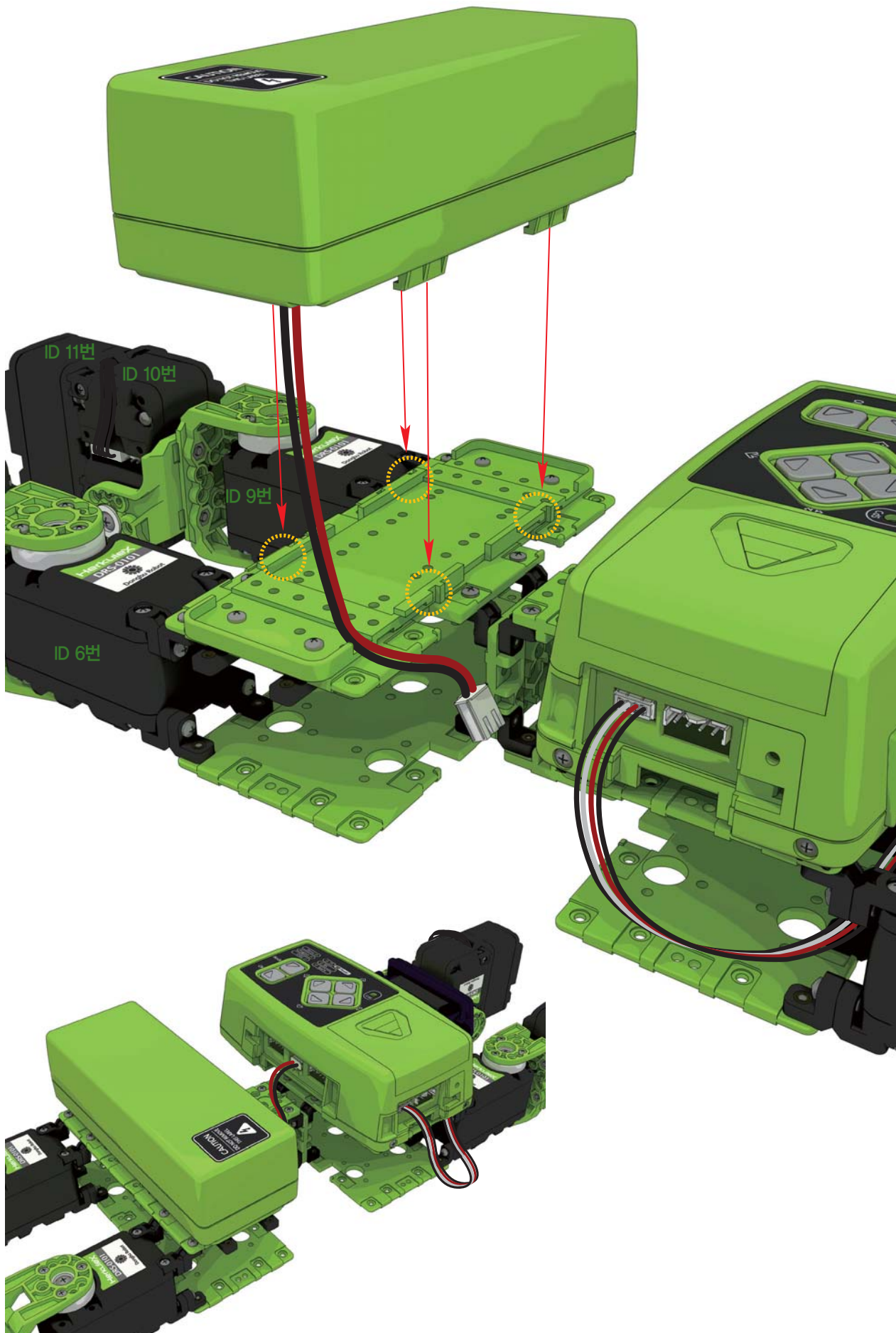
DRA-0059
Bolt (PH/M 2.0X8)

87개

1:1 SCALE

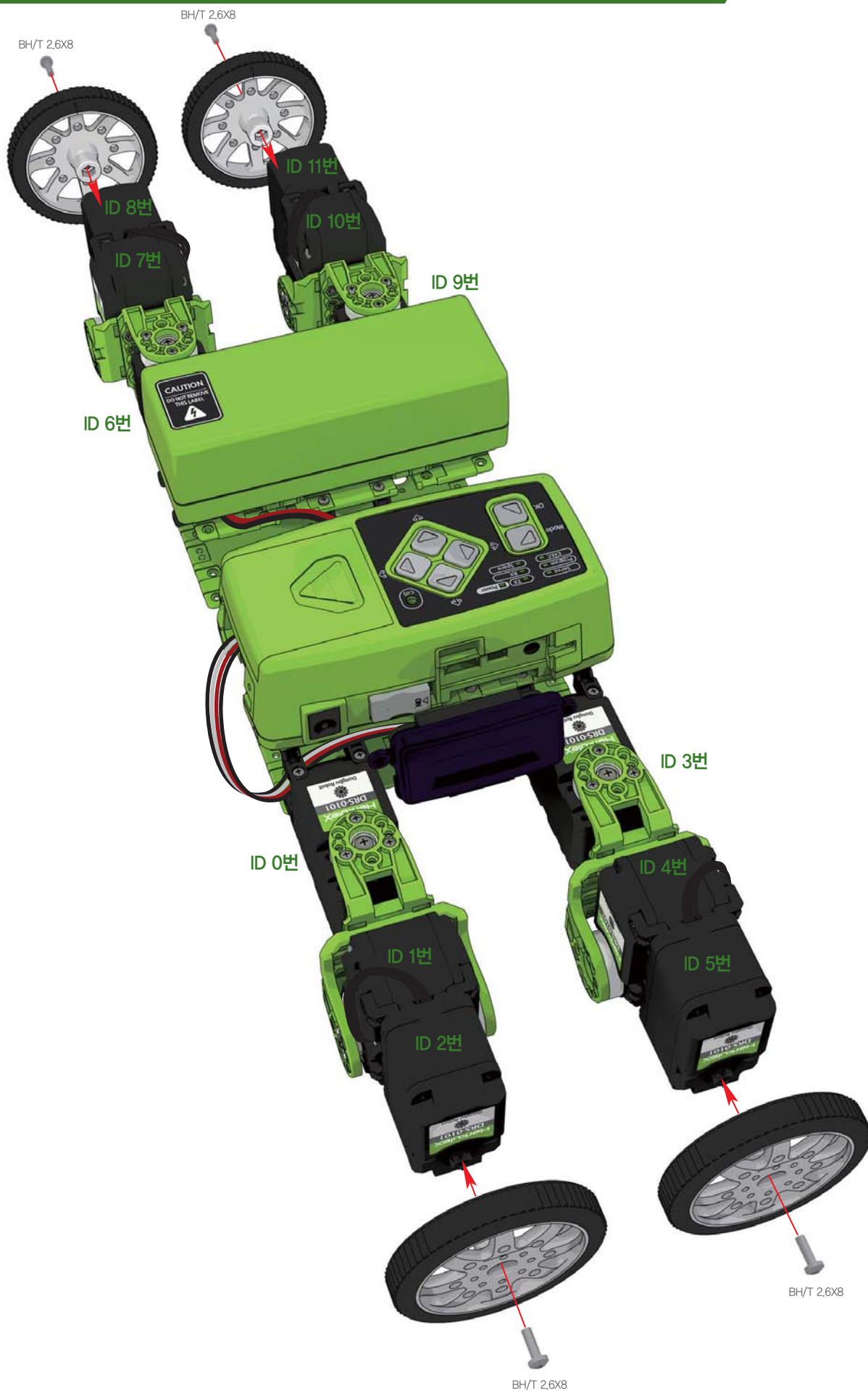


PH/M 2.0X4



호비스 라이트 응용모델 조립 매뉴얼 12자유도 변신형 보행/주행 양용로봇

HOVIS Lite



사용부품

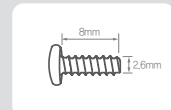


DRA-0067
Bolt (BH/T 2.6x8) 4개

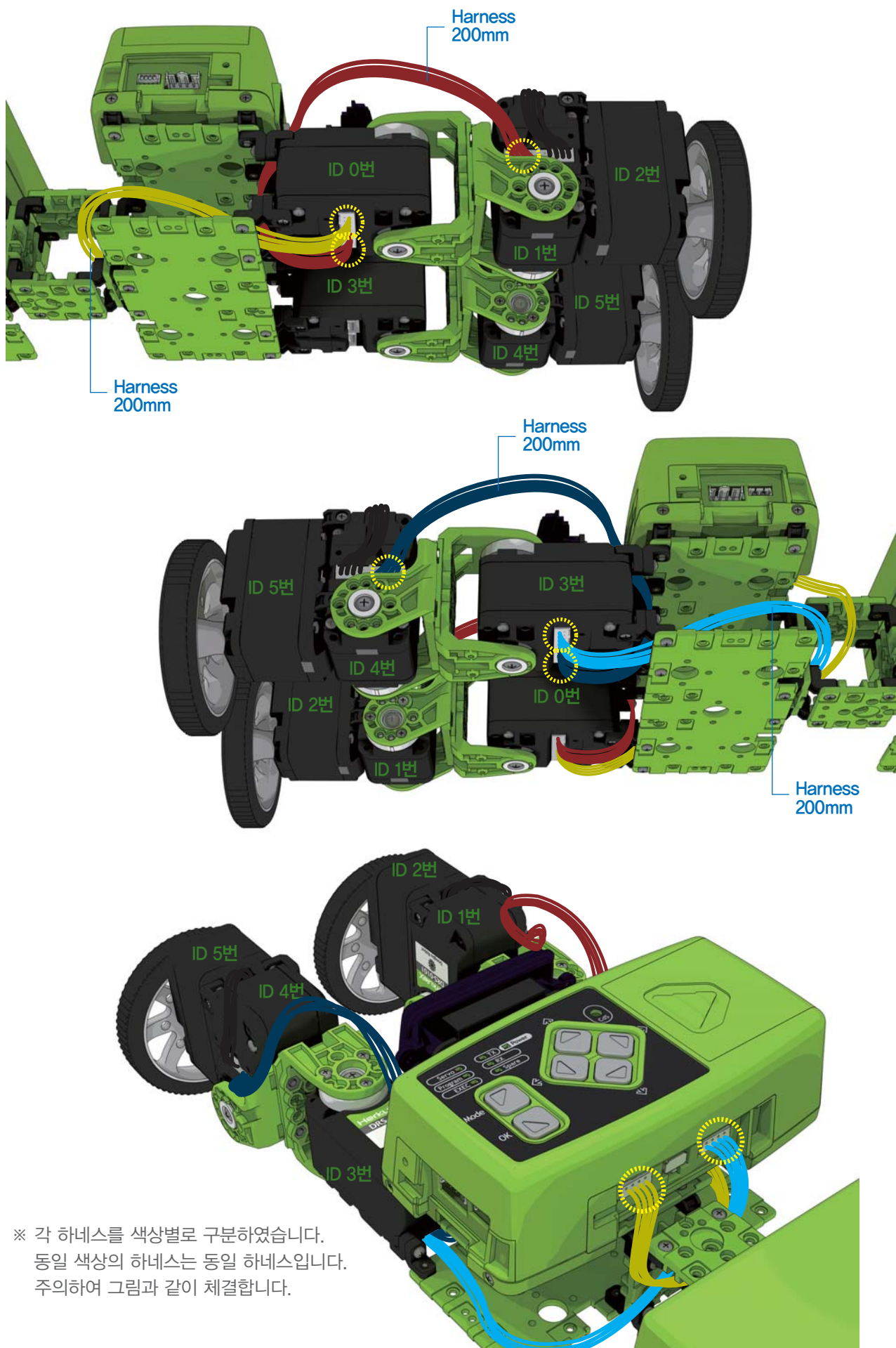


DCW-0001
Wheel (White, Ø60) 4개

1:1 SCALE



BH/T 2.6x8



사용부품



DRA-0056 Bolt (PH/M 2.0x4) 8개

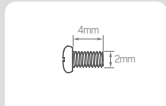


DRA-0059 Bolt (PH/M 2.0x4) 8개



DRA-0006 Harness (200mm) 4개

1:1 SCALE



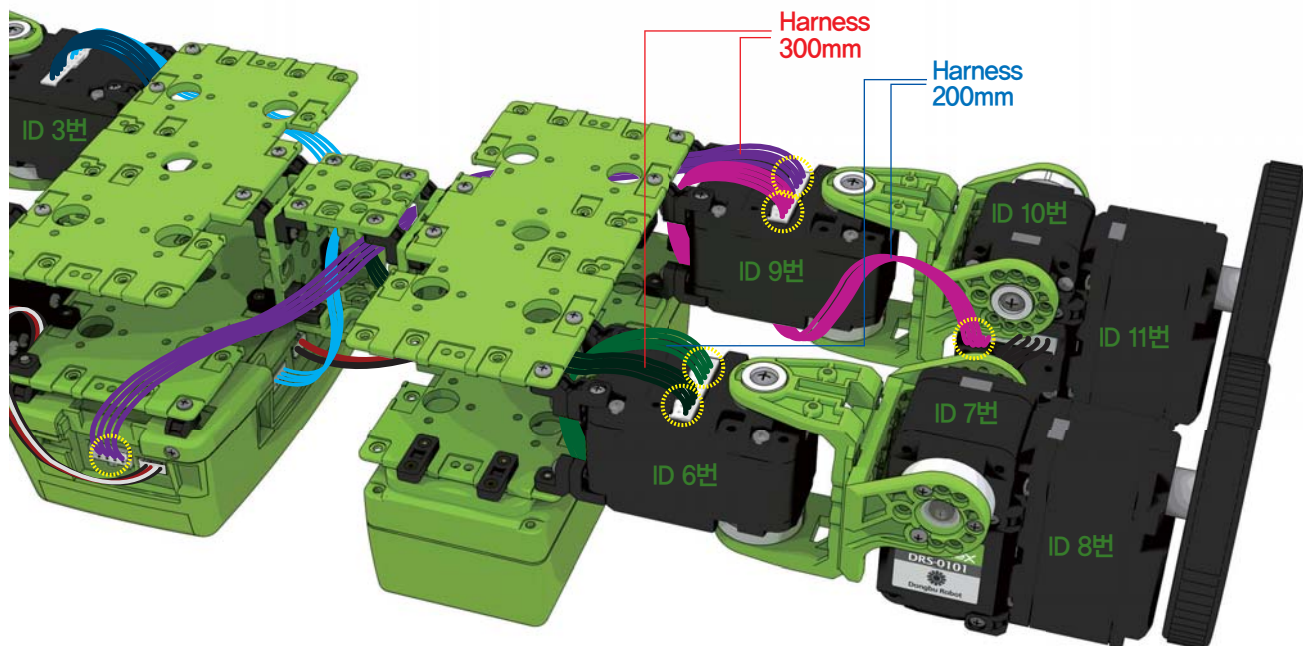
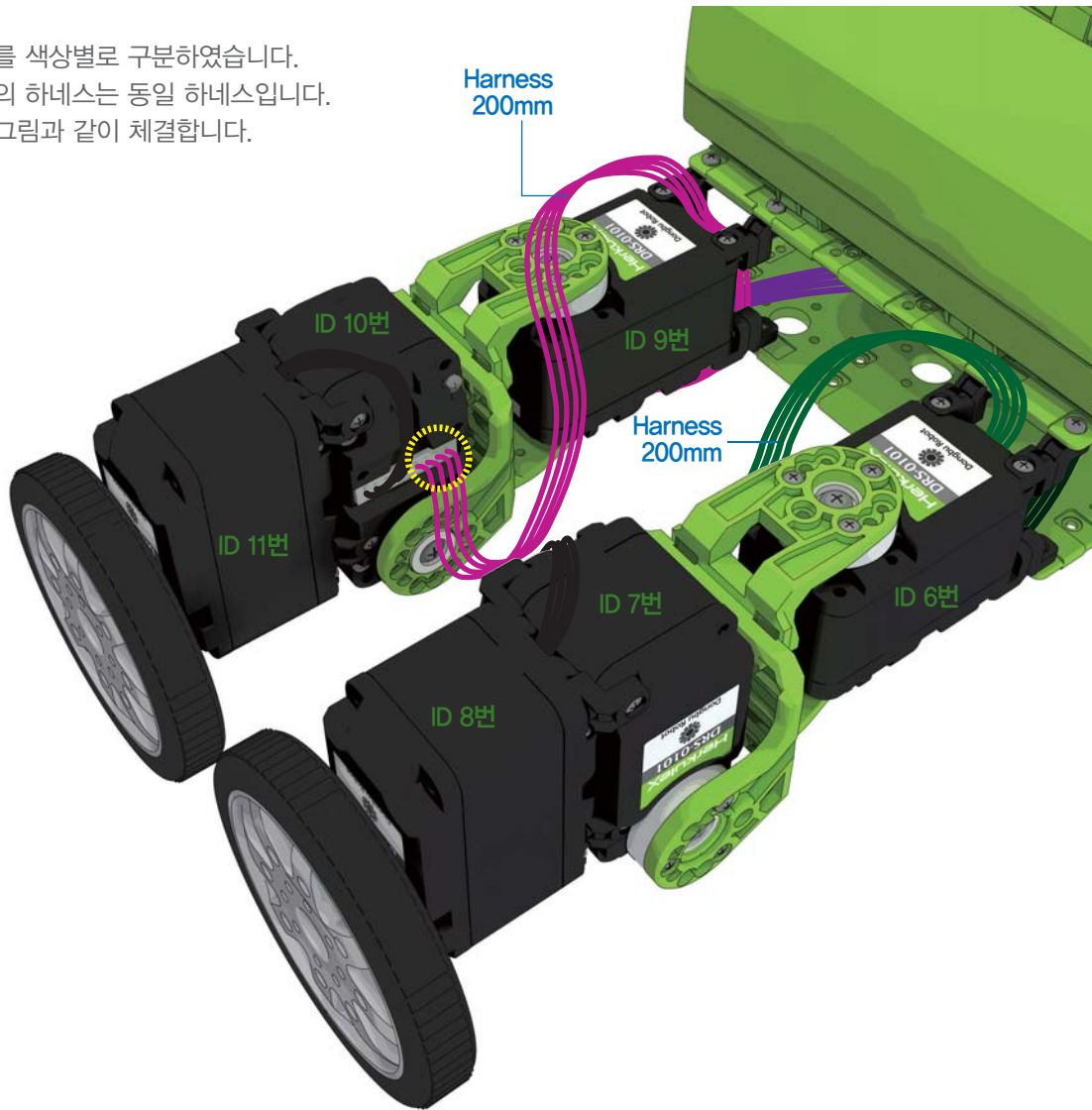
PH/M 2.0x4

※ 각 하네스를 색상별로 구분하였습니다.
동일 색상의 하네스는 동일 하네스입니다.
주의하여 그림과 같이 체결합니다.

호비스 라이트 응용모델 조립 매뉴얼 12자유도 변신형 보행/주행 양용로봇

HOVIS Lite

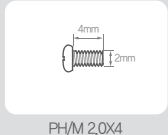
※ 각 하네스를 색상별로 구분하였습니다.
동일 색상의 하네스는 동일 하네스입니다.
주의하여 그림과 같이 체결합니다.

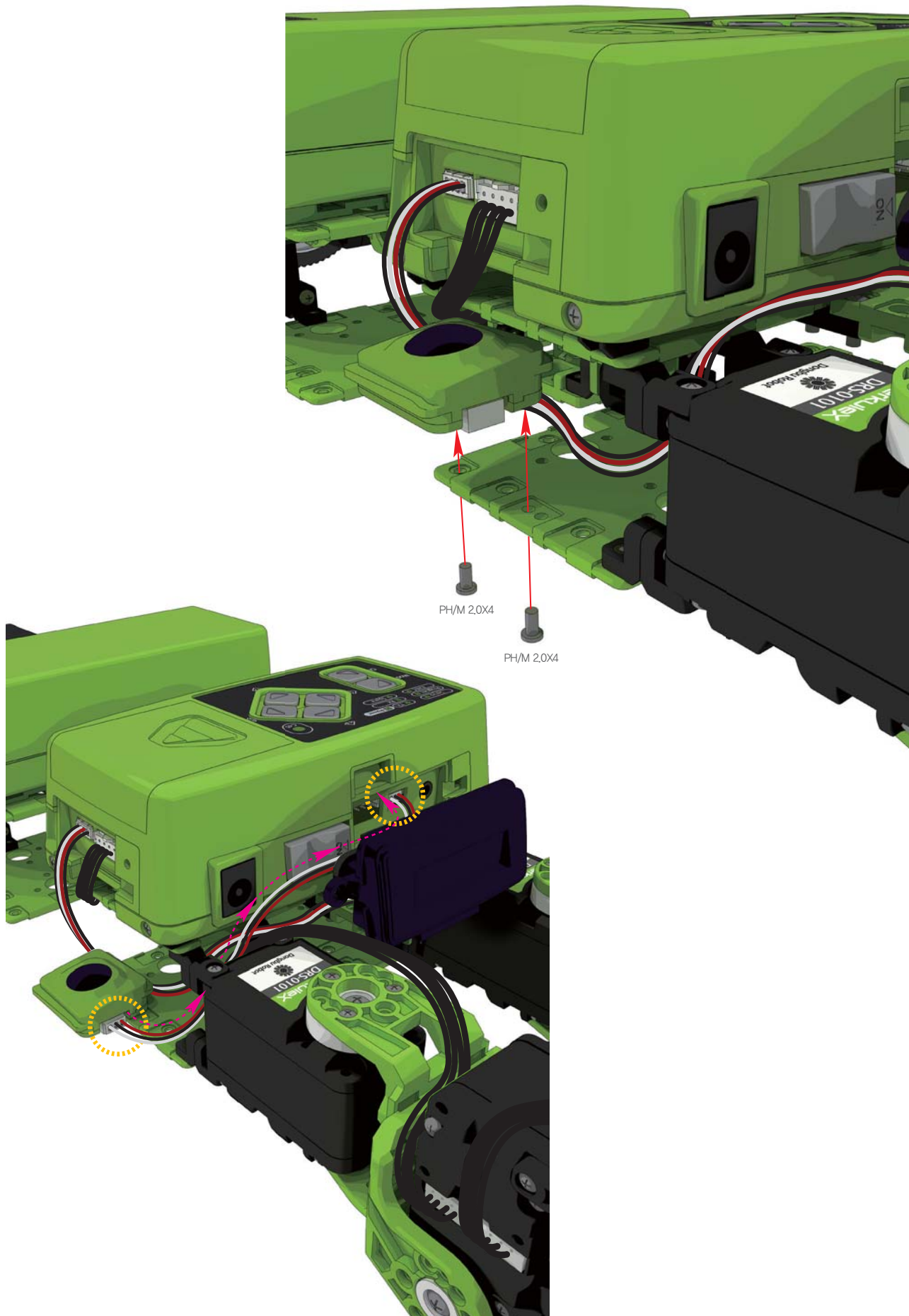


사용부품



1:1 SCALE





사용부품



DRA-0027
IR Receiver
Harness 3pin (150mm) **1개**

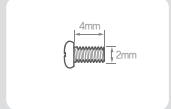


DRA-0056
Bolt (PH/M 2.0X4) **2개**



DRI-0004
IR Receiver **1개**

1:1 SCALE



PH/M 2.0X4



최종완성



최종완성