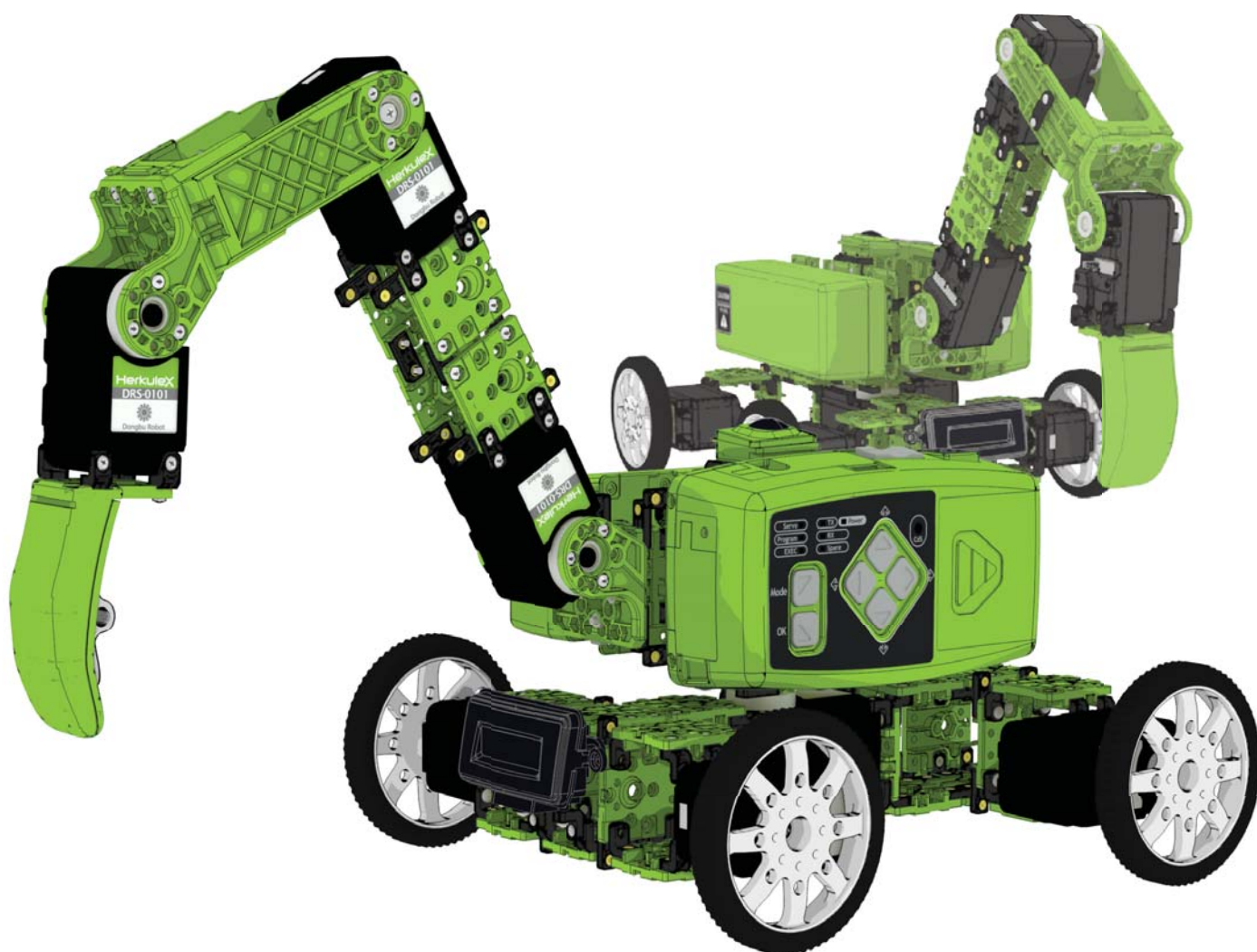


HOVIS Lite

Assembly Manual for Application Models

excavator



Dongbu Robot

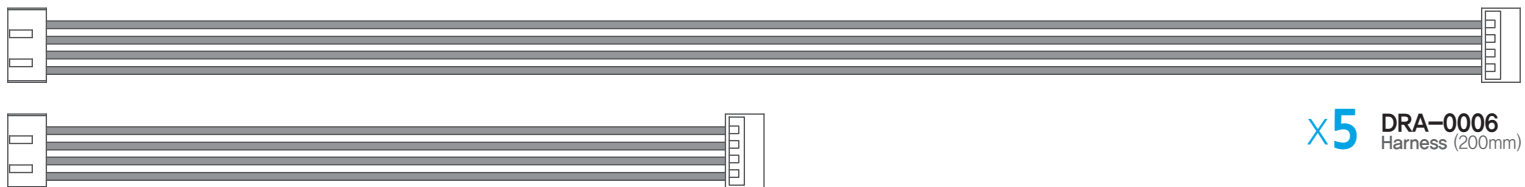
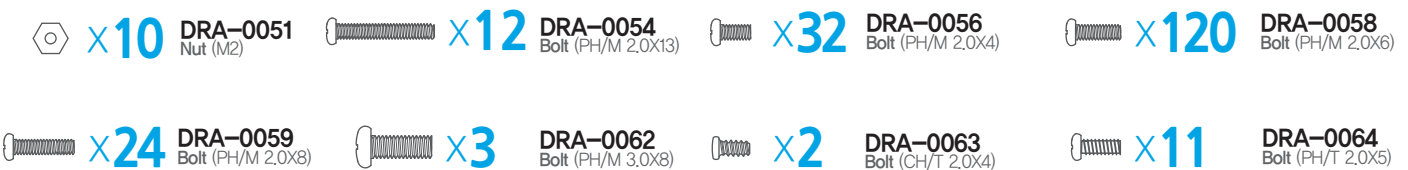
Assembly Manual for Application Models of HOVIS Lite

Part List for Excavator

HOVIS Lite



1:1 SCALE



Required Parts



DRA-0058
Bolt (PH/M 2.0x6) **8ea**



DRB-0004
Universal Plate **2ea**

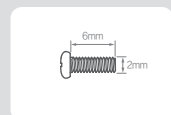


DRS-0101
HerkuleX Servo **1ea**

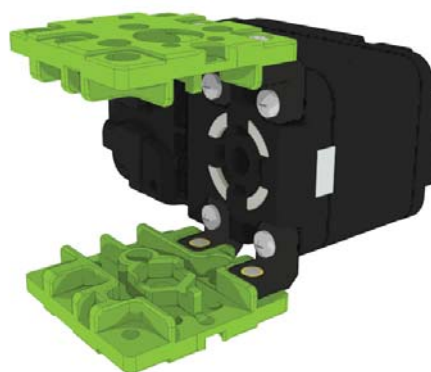
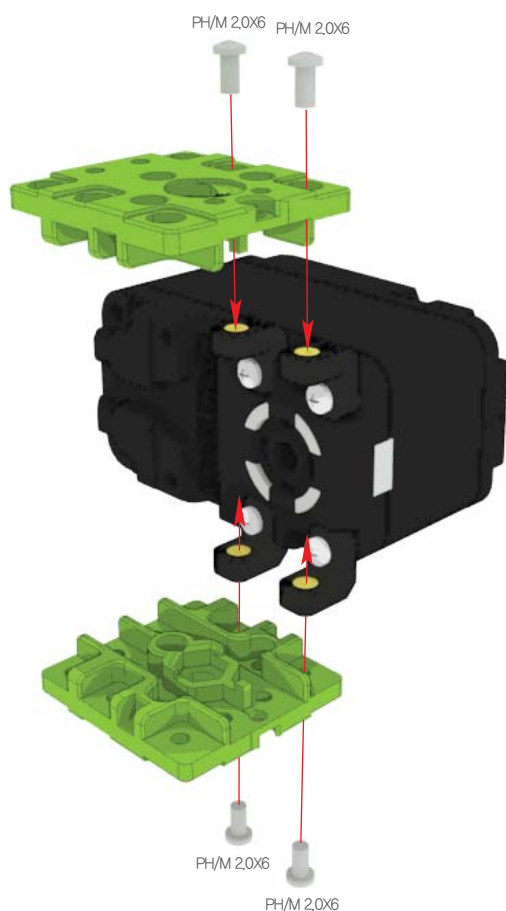
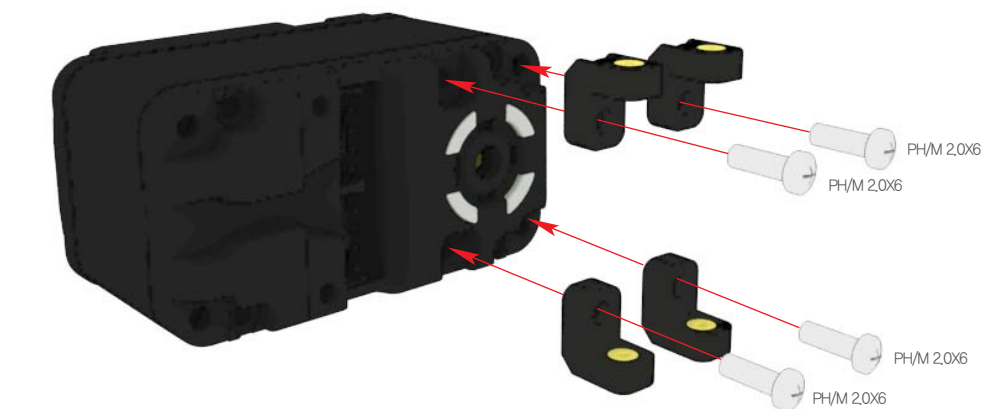


DRJ-0001
L-type Joint
(Single Nut) **4ea**

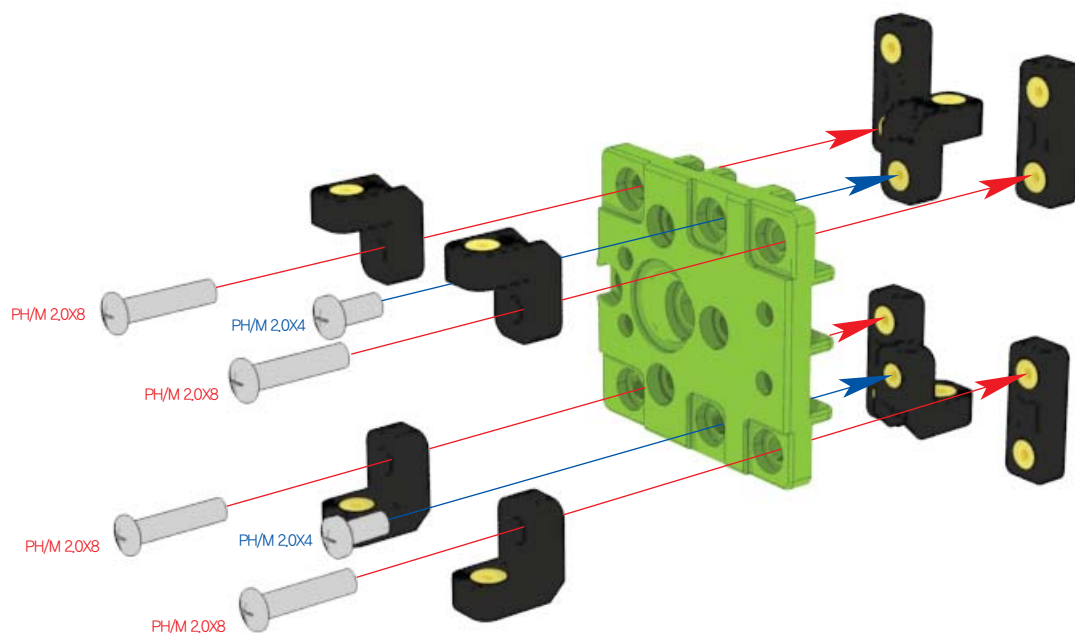
1:1 SCALE



PH/M 2.0x6



※ Assemble the remaining 3 sets
in the same manner (Assemble 4 sets total).



※Assemble the remaining 3 sets in the same manner.
(Assemble 4 sets total)

Required Parts



DRA-0056 2ea
Bolt (PH/M 2.0x4)



DRA-0059 4ea
Bolt (PH/M 2.0x8)



DRJ-0006 4ea
L-type Joint
(Double Nut)



DRJ-0002 2ea
L-type Joint
(Double Nut)

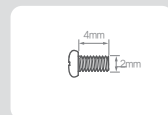


DRJ-0001 4ea
L-type Joint
(Single Nut)

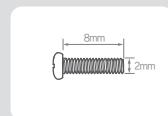


DRB-0004 1ea
Universal Plate

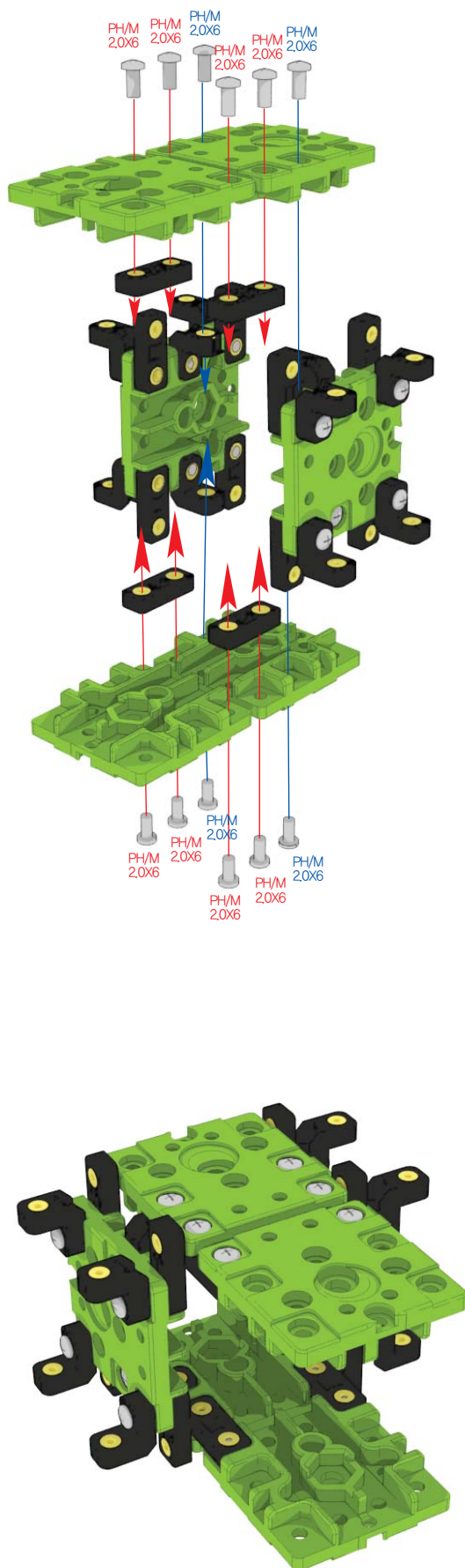
1:1 SCALE



PH/M 2.0x4



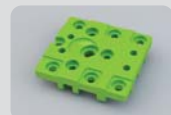
PH/M 2.0x8



Required Parts



DRA-0058
Bolt (PH/M 2.0x6) 12ea

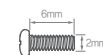


DRB-0004
Universal Plate 4ea



DRJ-0006
I-type Joint
(double Nut) 4ea

1:1 SCALE



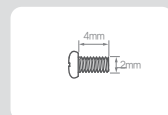
PH/M 2.0x6

Required Parts

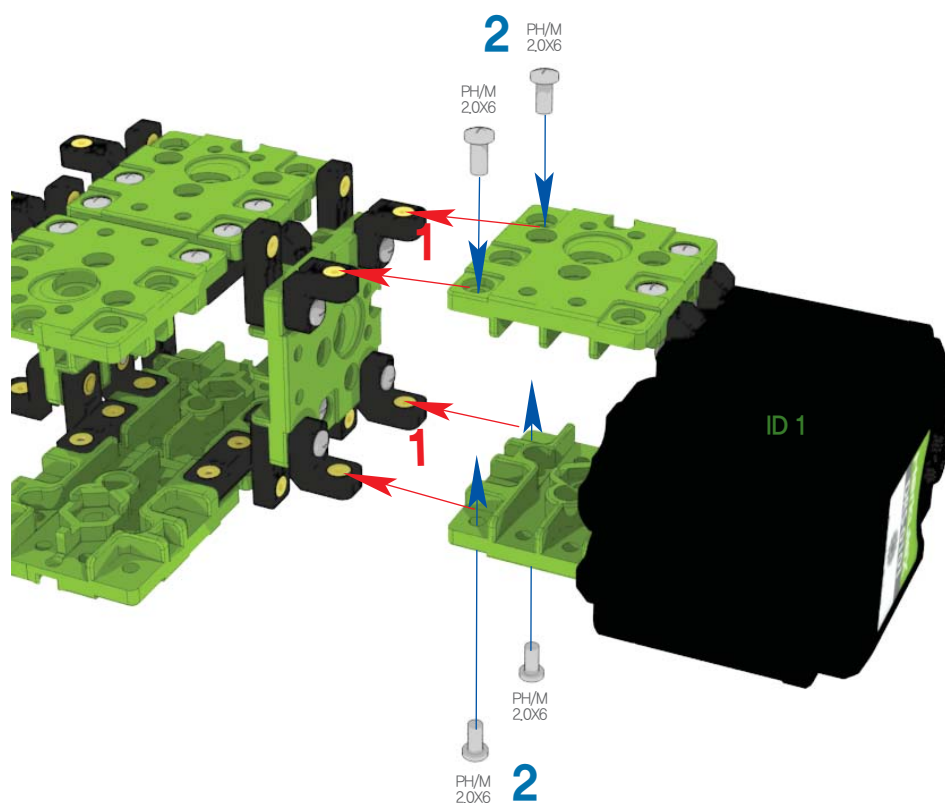


DRA-0056
Bolt (PH/M 2.0x4) **4ea**

1:1 SCALE

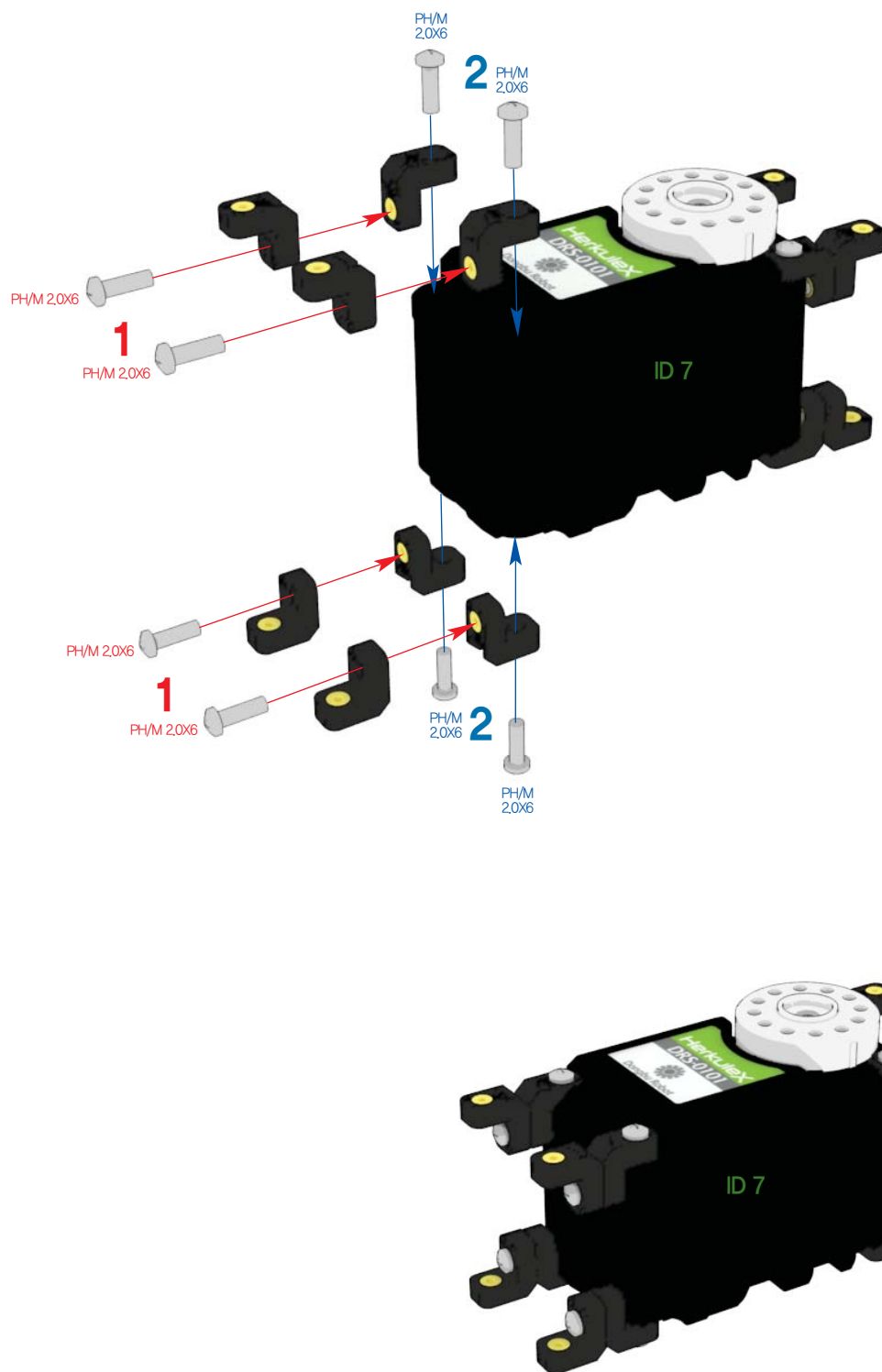


PH/M 2.0x4



※Assemble the opposited side in the same manner





Required Parts



DRA-0058
Bolt (PH/M 2.0x6) 16ea

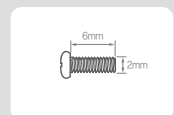


DRJ-0001
L-type Joint
(Single Nut) 16ea

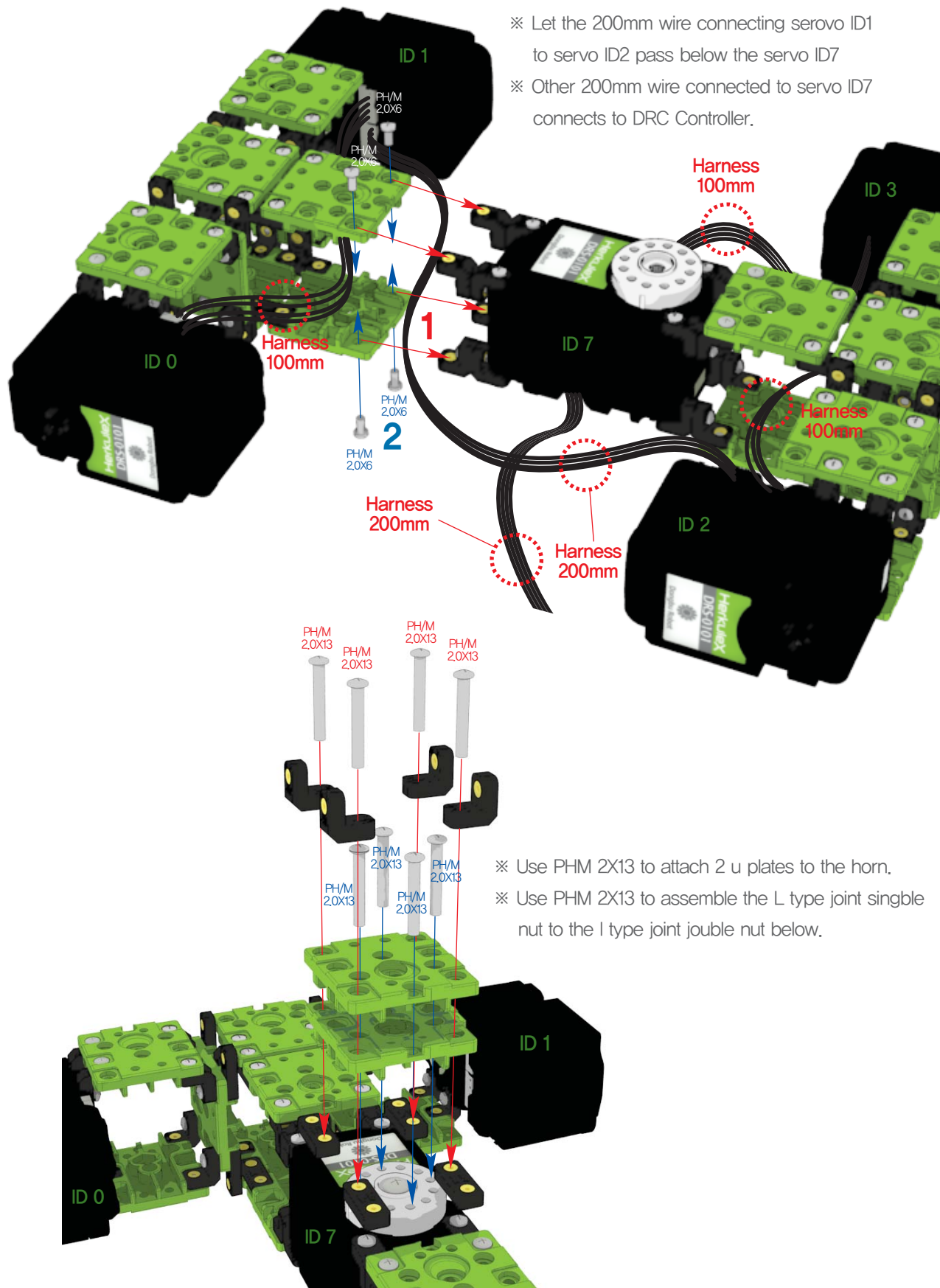


DRS-0101
HerkuleX Servo 1ea

1:1 SCALE

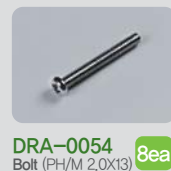
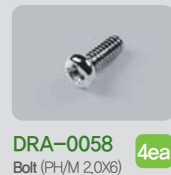


PH/M 2.0x6



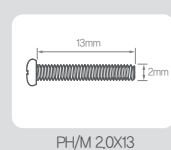
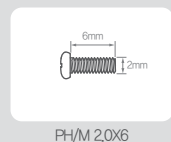
- ※ Let the 200mm wire connecting servo ID1 to servo ID2 pass below the servo ID7
- ※ Other 200mm wire connected to servo ID7 connects to DRC Controller.

Required Parts



- ※ Use PHM 2X13 to attach 2 u plates to the horn.
- ※ Use PHM 2X13 to assemble the L type joint single nut to the I type joint jouble nut below.

1:1 SCALE



Required Parts



DRA-0058 4ea
Bolt (PH/M 2.0x6)



DRA-0059 2ea
Bolt (PH/M 2.0x8)



DRJ-0001 4ea
L-type Joint
(Single Nut)



DRJ-0002 2ea
L-type Joint
(Double Nut)

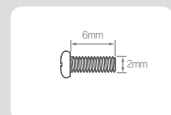


DRJ-0004 2ea
I-type Joint
(10.9mm, Hole only)

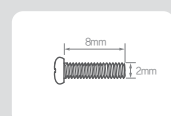


DRJ-0006 4ea
I-type Joint
(Double Nut)

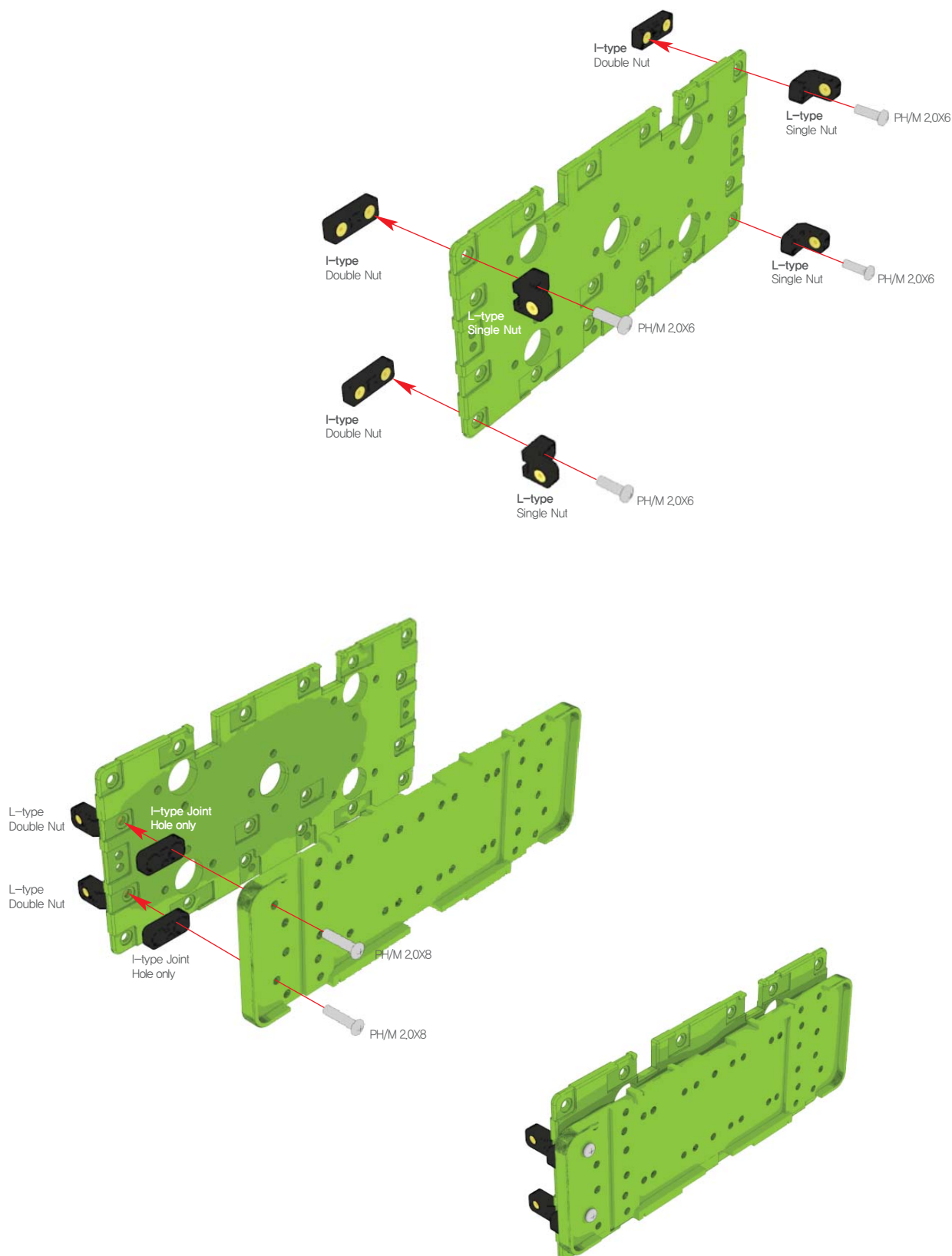
1:1 SCALE

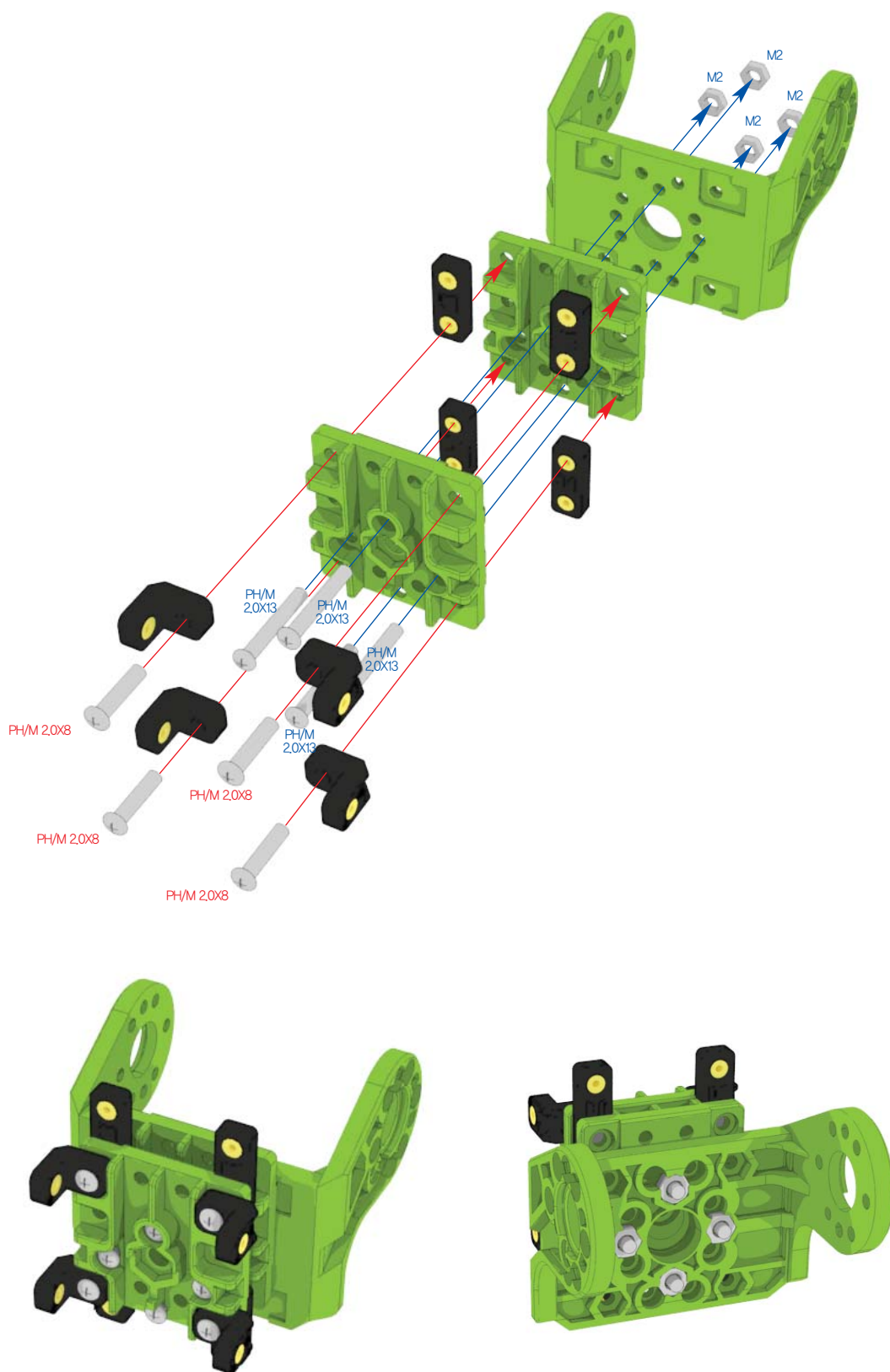


PH/M 2.0x6

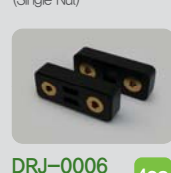
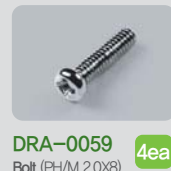


PH/M 2.0x8

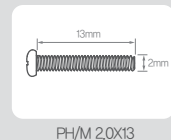
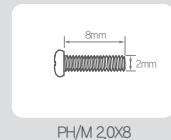




Required Parts



1:1 SCALE



Assembly Manual for Application Models of HOVIS Lite Excavator

HOVIS Lite

Required Parts



DRA-0056

Bolt (PH/M 2.0X4)

8ea



DRA-0058

Bolt (PH/M 2.0X6)

4ea



DRA-0059

Bolt (PH/M 2.0X8)



DRJ-0004

I-type Joint
(10.9mm, Hole only)

2ea



DRJ-0001

L-type Joint
(Single Nut)

2ea



DRB-0004

DRB-0004
Universal Plate

1ea

1:1 SCALE



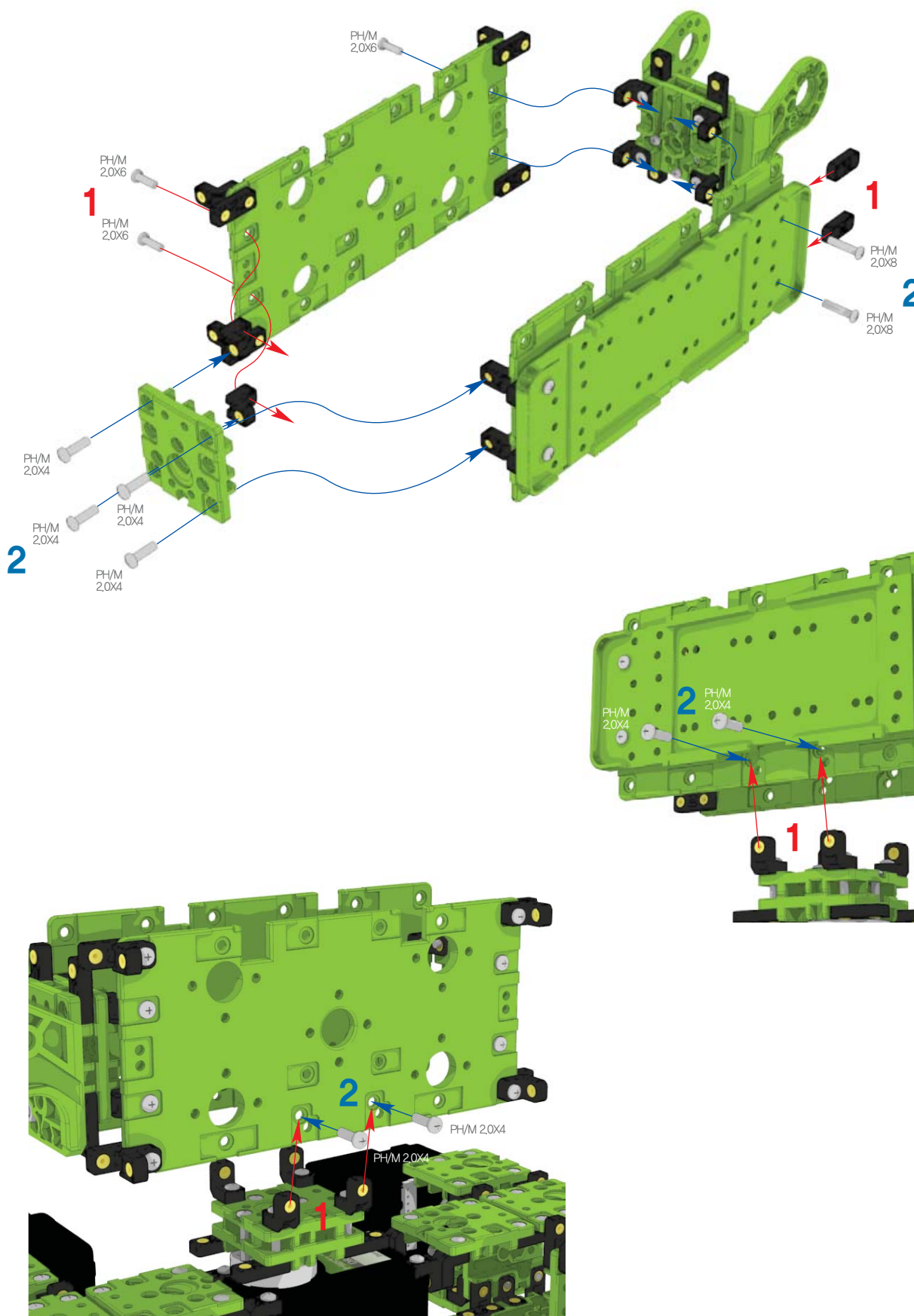
PH/M 20X4



PH/M 2.0X6



PH/M 2.0X8



Required Parts



DRJ-0004
I-type Joint
(10.9mm, Hole only) **8ea**



DRJ-0006
I-type Joint
(Double Nut) **12ea**



DRA-0058
Bolt (PH/M 2.0X6) **20ea**



DRA-0062
Bolt (PH/M 3.0X8) **1ea**



DRA-0064
Bolt (PH/T 2.0X5) **3ea**



DRJ-0011
Bushing Set **1ea**

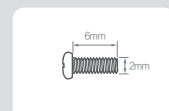


DRB-0004
Universal Plate **4ea**

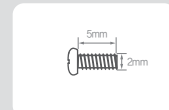


DRS-0101
HerkuleX Servo **1ea**

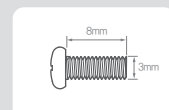
1:1 SCALE



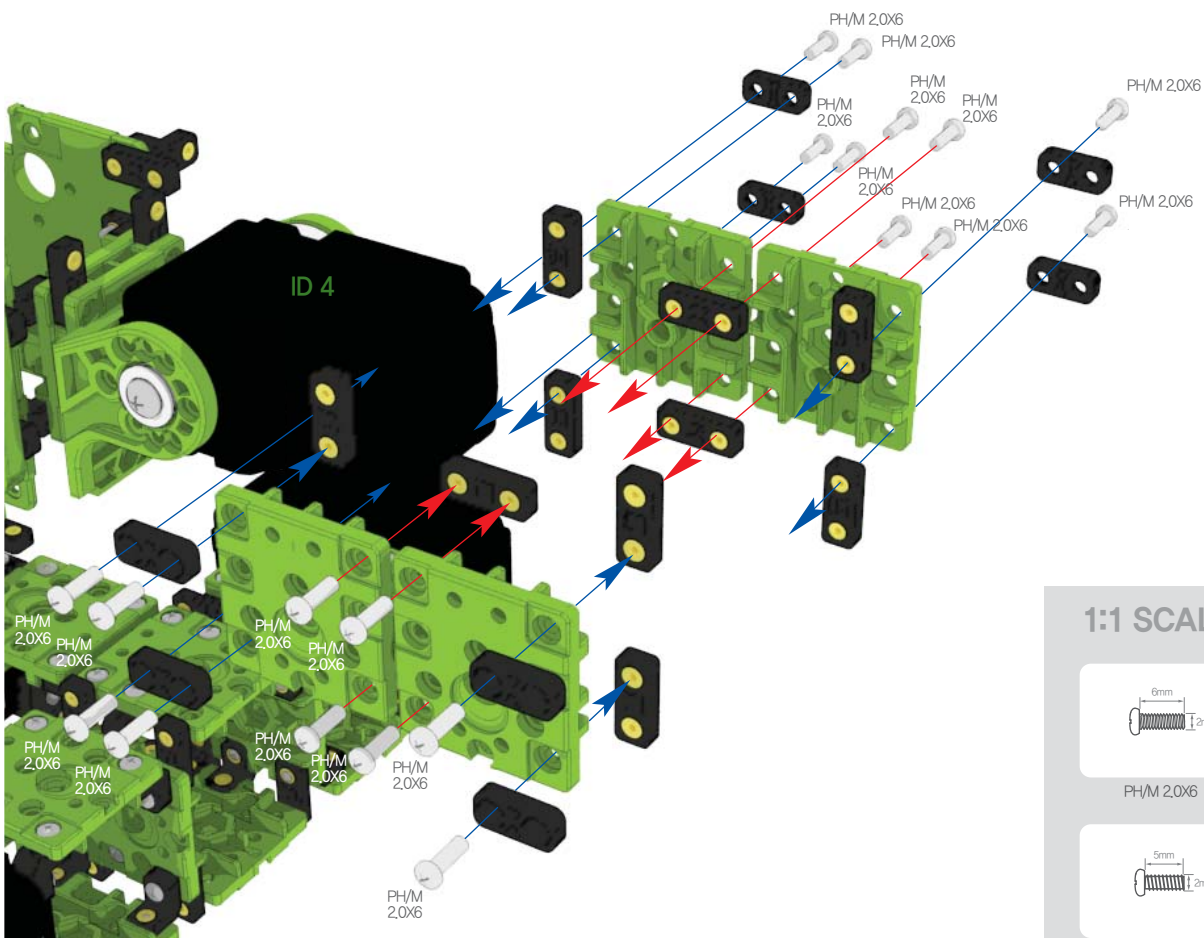
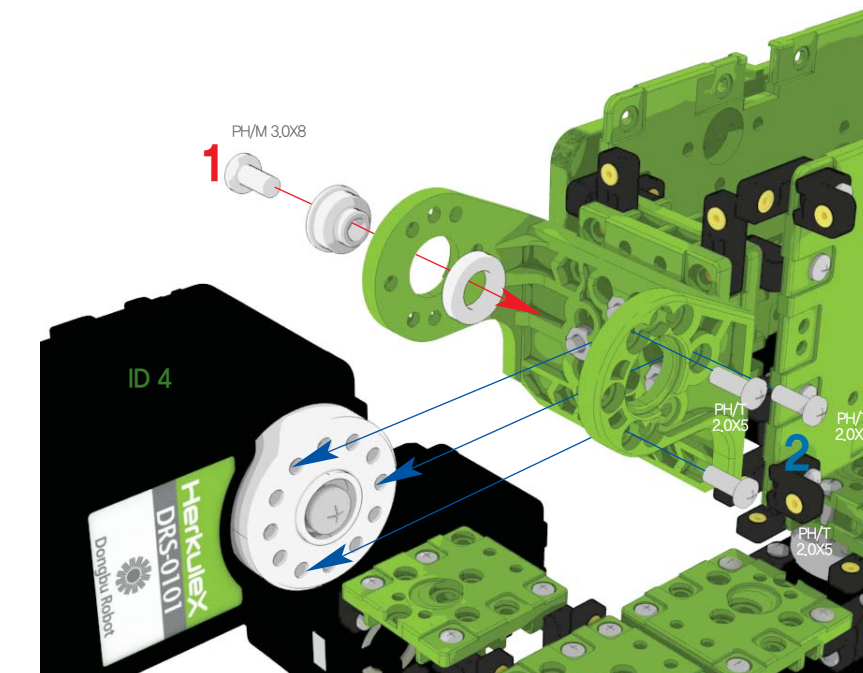
PH/M 2.0X6

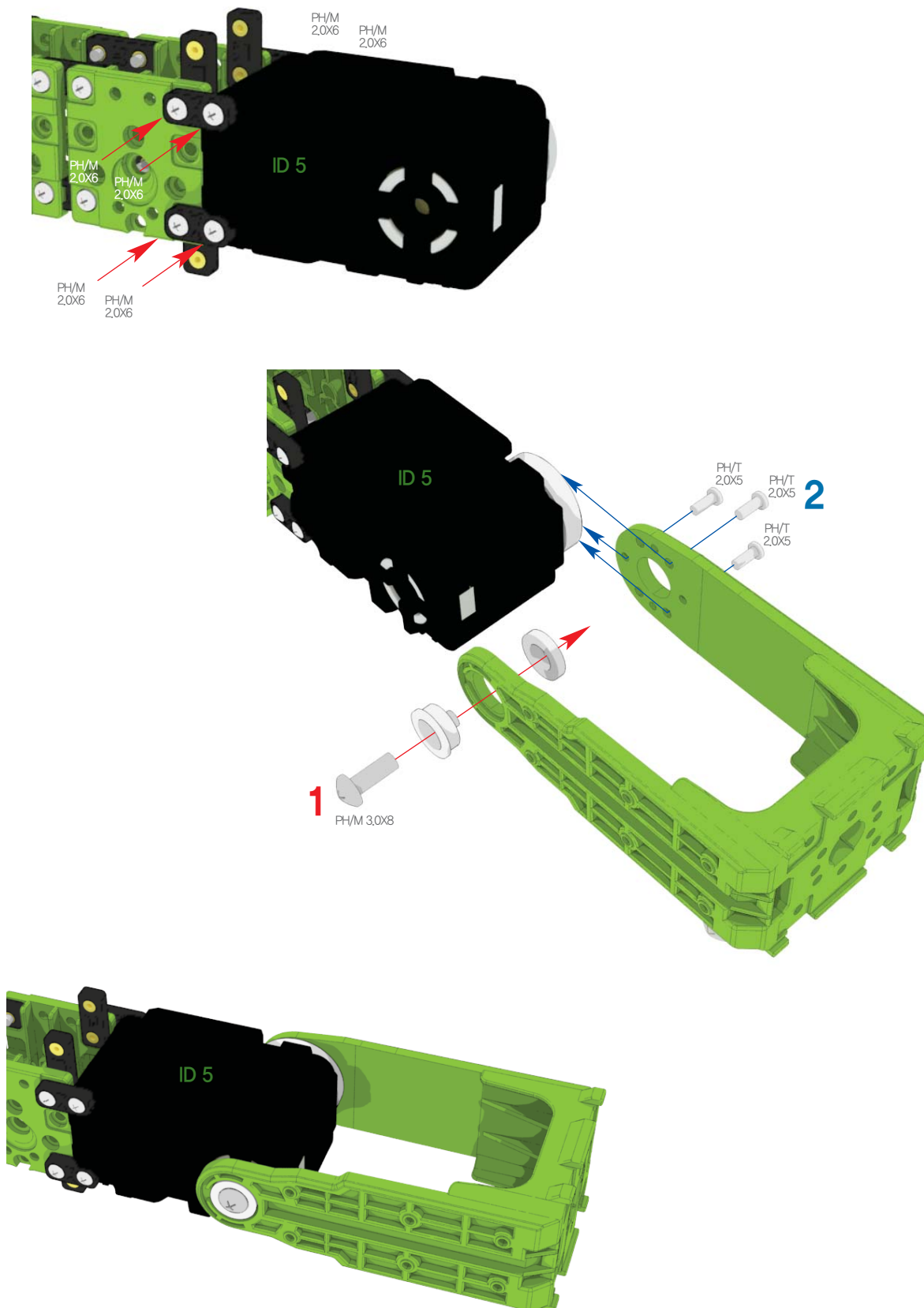


PH/T 2.0X5



PH/M 3.0X8





Required Parts



DRJ-0004 4ea
I-type Joint
(10.9mm, Hole only)



DRA-0058 4ea
Bolt (PH/M 2.0x6)



DRA-0062 1ea
Bolt (PH/M 3.0x8)



DRA-0064 3ea
Bolt (PH/T 2.0x5)



DRJ-0011 1ea
Bushing Set

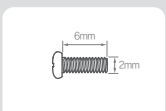


DRB-0008 1ea
U1-type Bracket

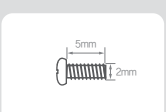


DRS-0101 1ea
HerkuleX Servo

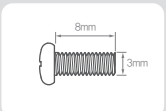
1:1 SCALE



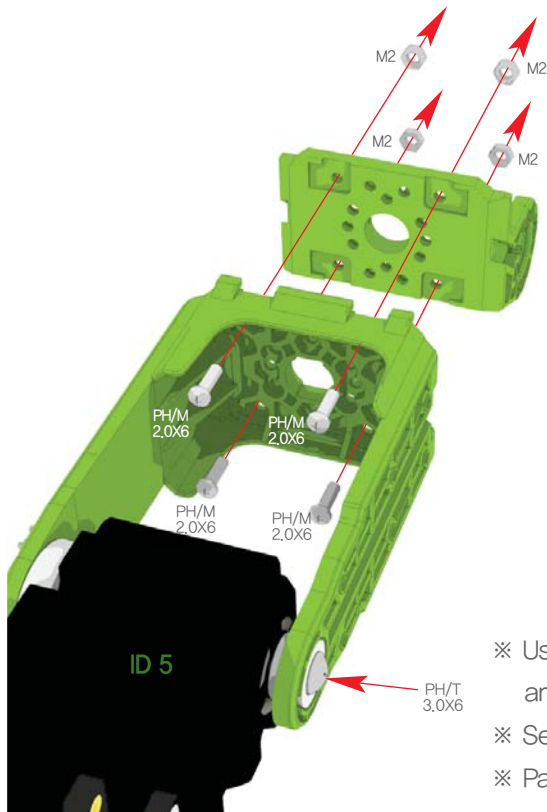
PH/M 2.0x6



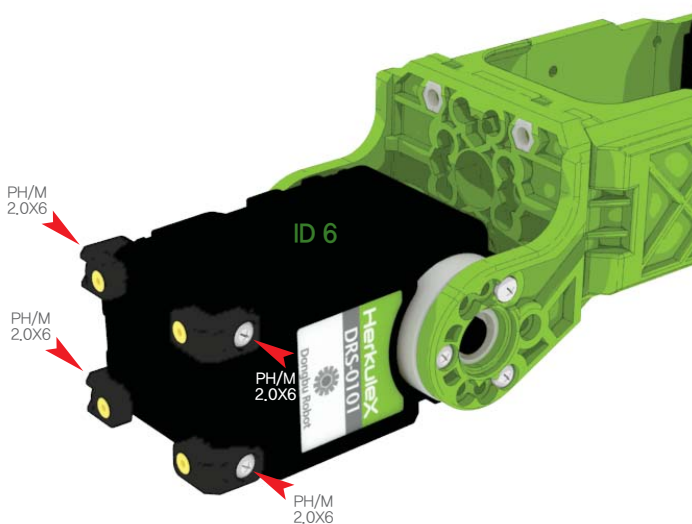
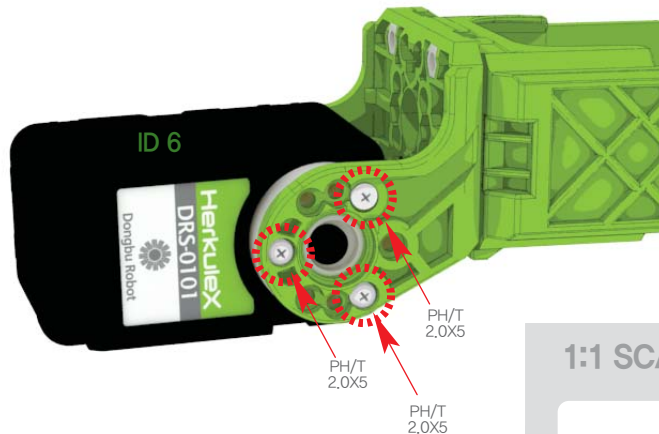
PH/T 2.0x5



PH/M 3.0x8



- ※ Use the Washer, Bushing, PH/T 2X5, and PH/M3X8 to assemble the servo same as Servo ID5.
- ※ Servo assembly direction should be as shown in the diagram.
- ※ Pay attention to the direction of the horn.



Required Parts



DRA-0051 4ea
Nut (M2)



DRA-0058 4ea
Bolt (PH/M 2.0x6)



DRA-0064 3ea
Bolt (PH/T 2.0x5)



DRA-0062 1ea
Bolt (PH/M 3.0x8)



DRJ-0001 4ea
L-type Joint (Single Nut)



DRJ-0011 1ea
Bushing Set



DRB-0011 1ea
U4-type Bracket

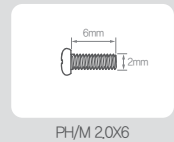


DRS-0101 1ea
HerkuleX Servo

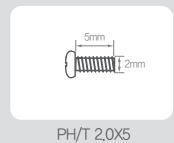
1:1 SCALE



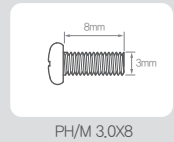
M2



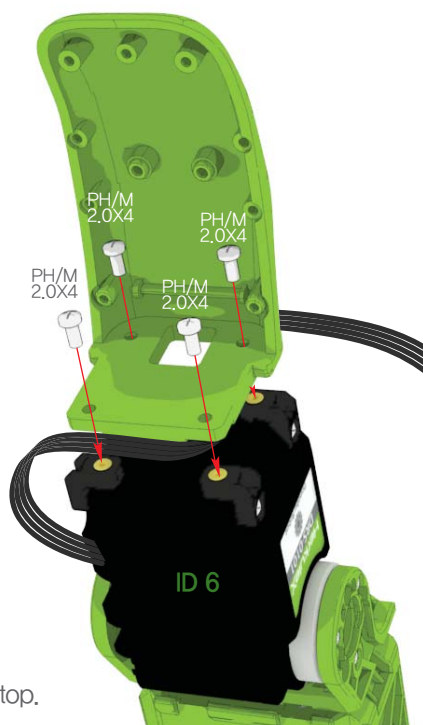
PH/M 2.0x6



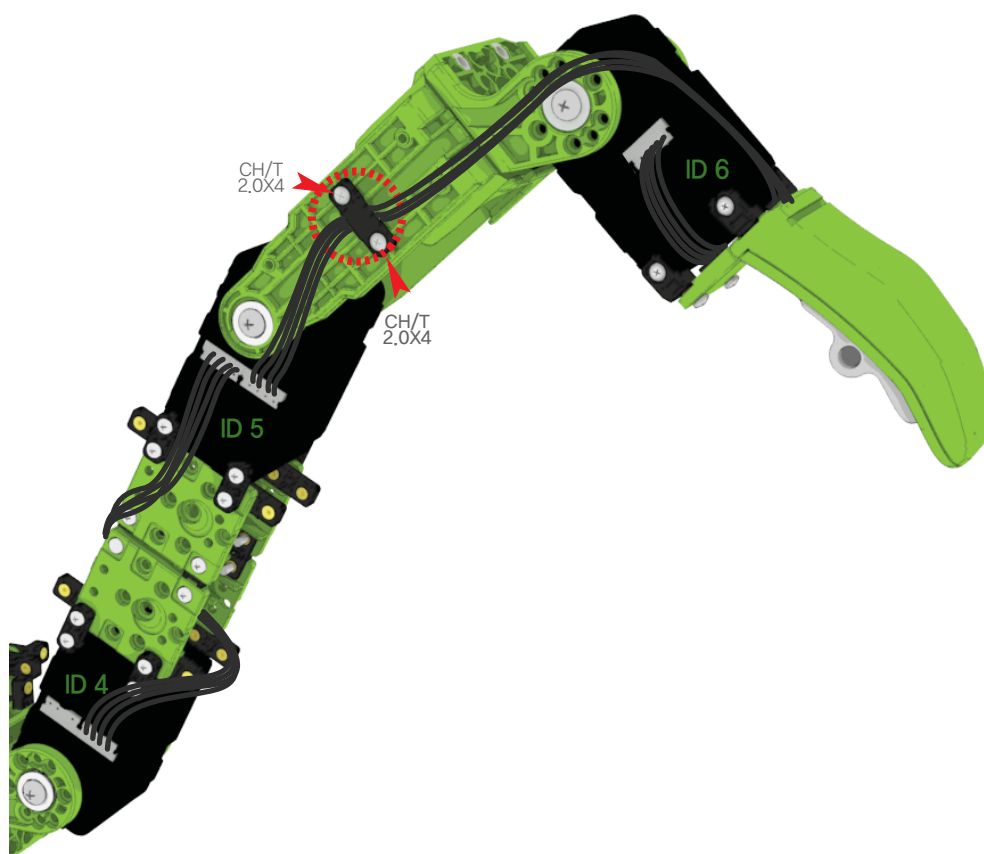
PH/T 2.0x5



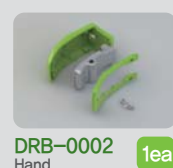
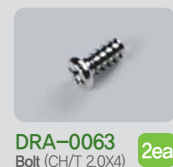
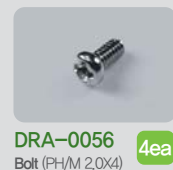
PH/M 3.0x8



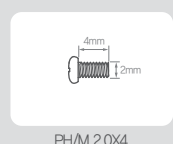
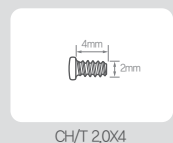
- ※ Include the 200mm wire when assembling the Hard top.
- ※ As shown in the diagram with the wiring,
use the CHT 2X4 to fix the wire to the I type joint 16mm

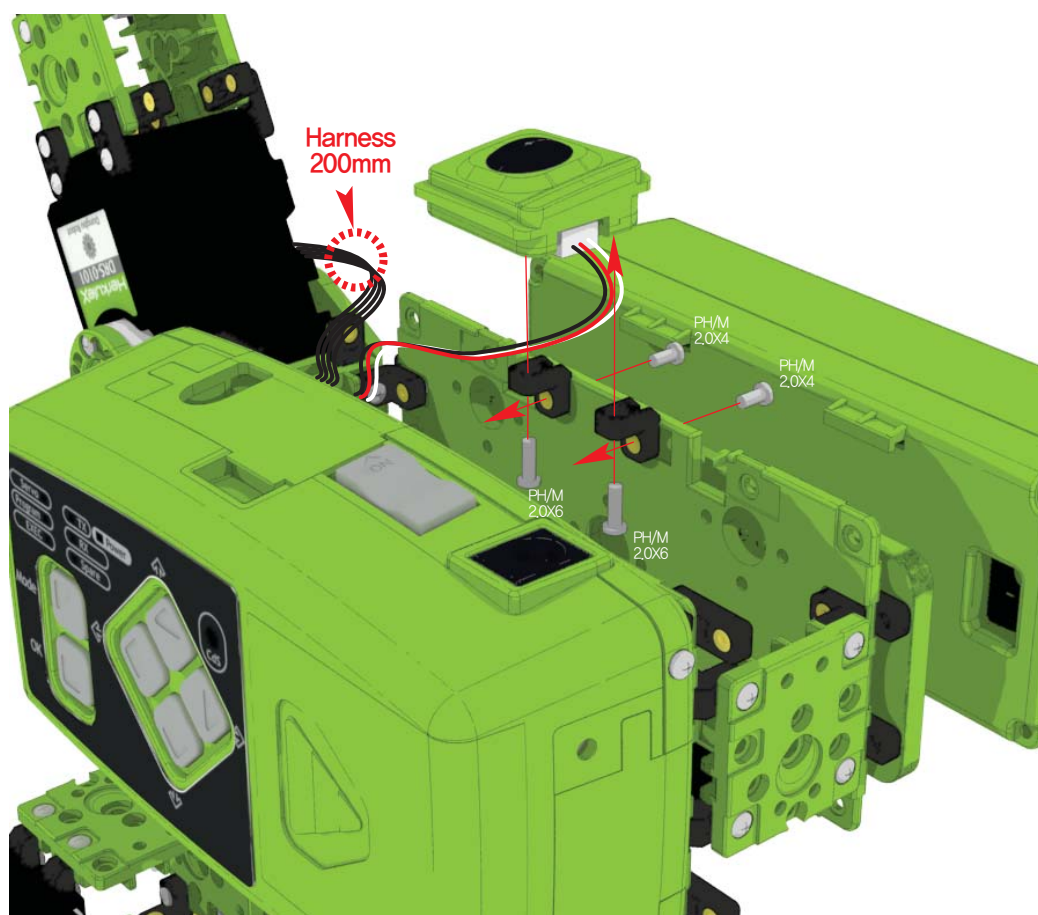


Required Parts



1:1 SCALE





Required Parts



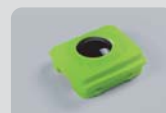
DRA-0058
Bolt (PH/M 2.0x6) **4ea**



DRA-0056
Bolt (PH/M 2.0x4) **4ea**



DRJ-0001
L-type Joint
(Single Nut) **4ea**



IR Receiver **1ea**

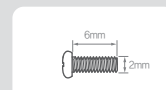


DRA-0006
Harness (200mm) **1ea**

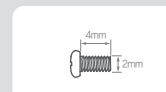


IR Receiver
Cable **1ea**

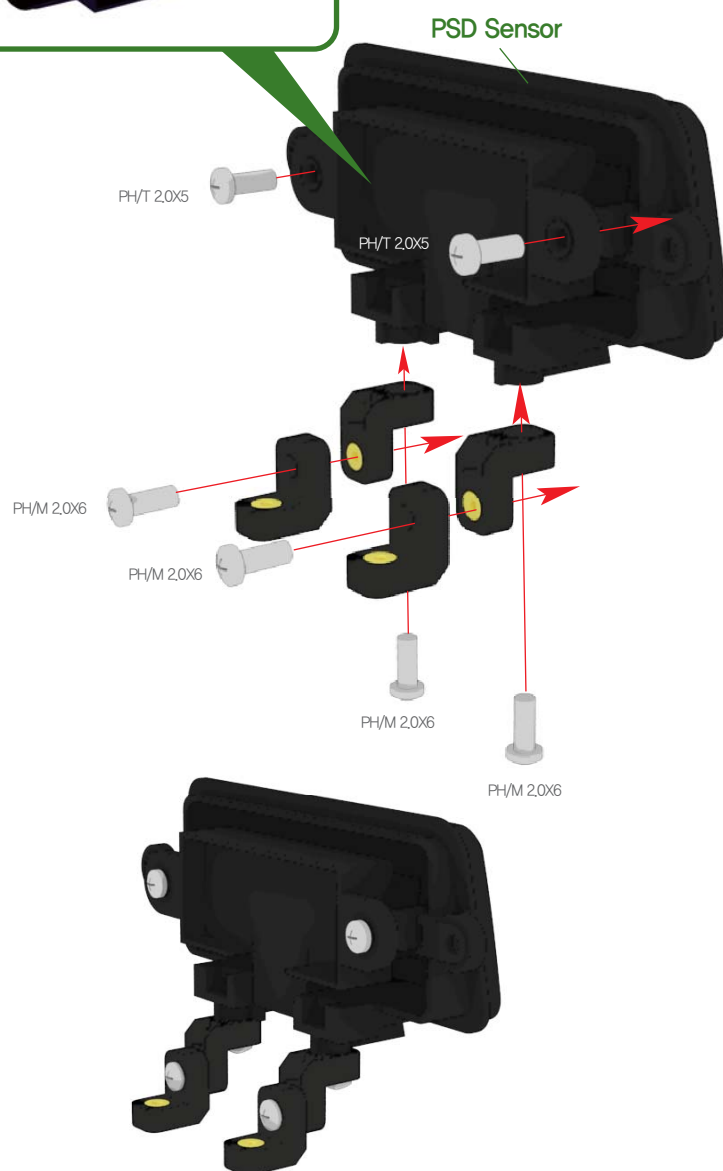
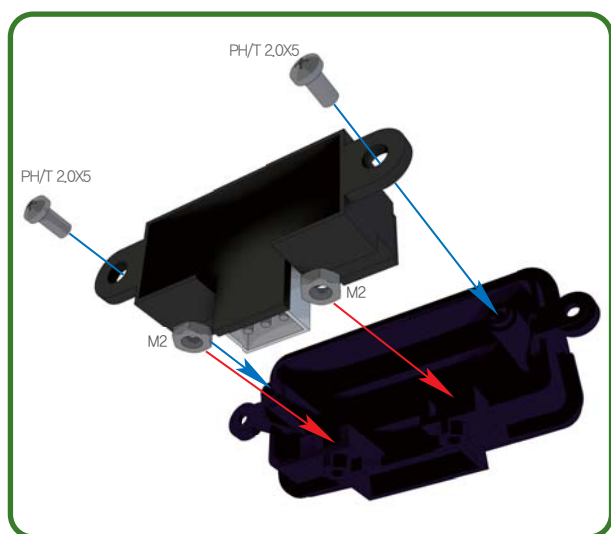
1:1 SCALE



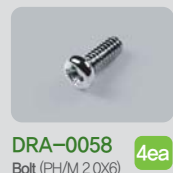
PH/M 2.0x6



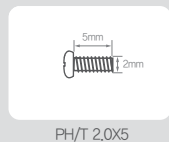
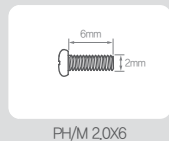
PH/M 2.0x4



Required Parts



1:1 SCALE

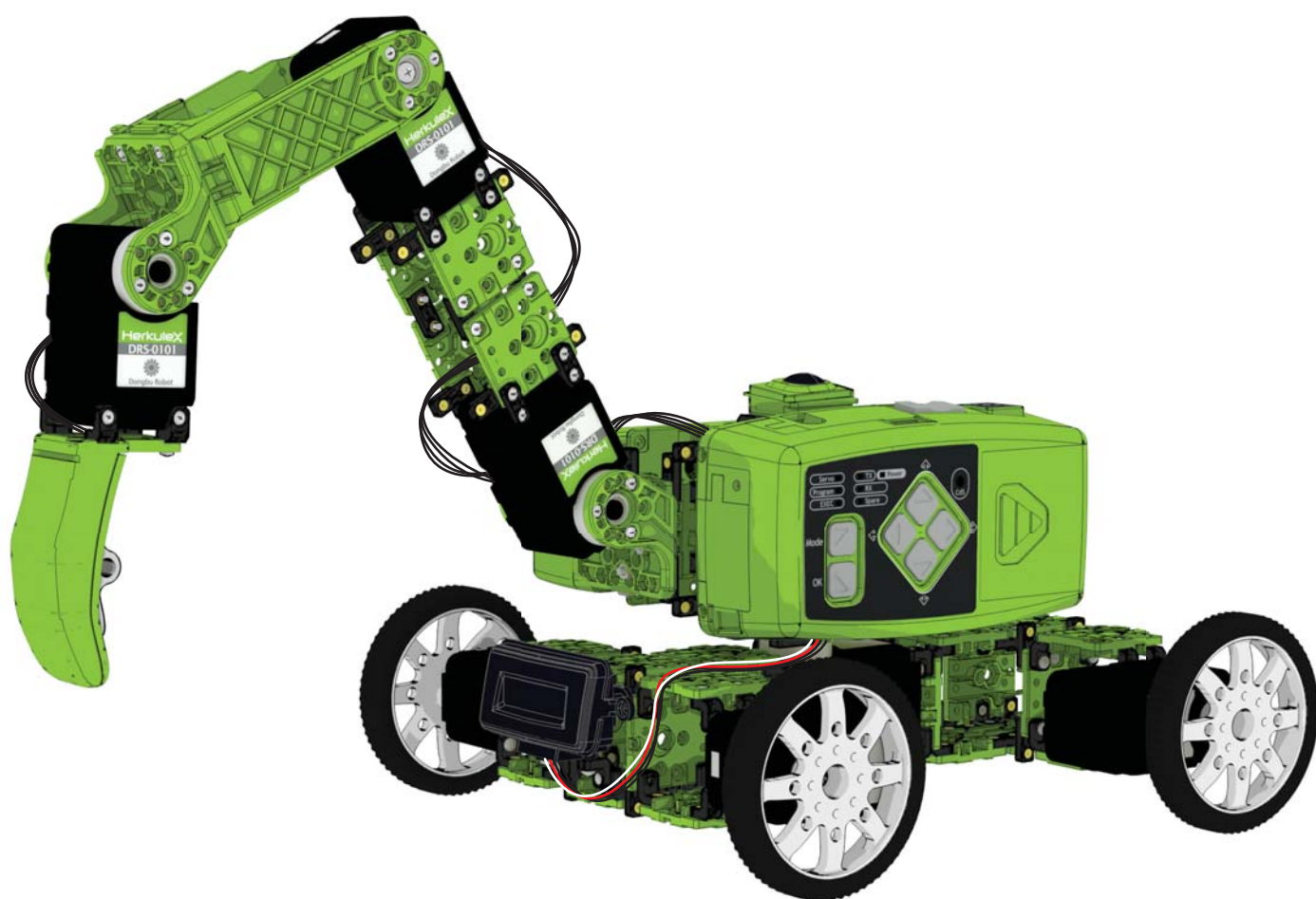


Required Parts



DCW-0001 4ea
Wheel (White, Ø60)





Completion