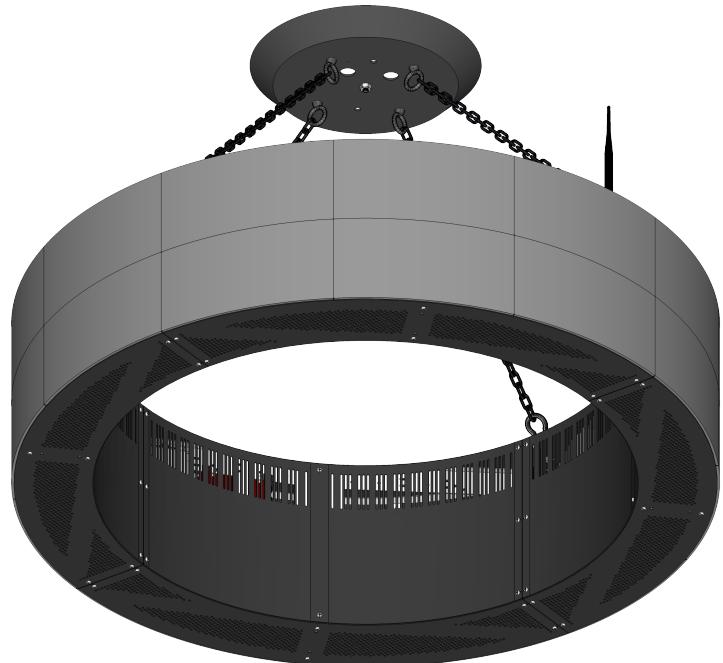


360 Signage Circle

(Radius 350-240)

Assembly Instructions



AVA Vision Inc.

[Document History]

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 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
	Date	2022-04-04	Revision	0.2

1. Overview

1.1. Electrical Part List

Part Name	Specification	Units
LED Module	P3 indoor soft led module 240 x 120mm with magnet	24
Synchronous Sending Box	HD-T901B	1
Receiving Card	HD-R512T	4
Set-top Box	RK3328, RAM 2GB DDR4, Quad-Core ARM Cortex-A53, 64-Bit, 16GB eMMC Flash, DC 12V / 1.5A	1
Power Supply	220VAC Input, 5VDC/60A Output, 300W, Made in Korea	4
Concent	현대 접지 노출 1구 콘센트 (나사타입)	1
Circuit Breaker	220VAC, 2.5kA / 3kA, 32A, 2P2E, JER-E2S D32	1
Antenna	2.4GHz, 6dBi WiFi Antenna	1

[Table 1] Electrical Part List

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
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1.2. Mechanical Part List

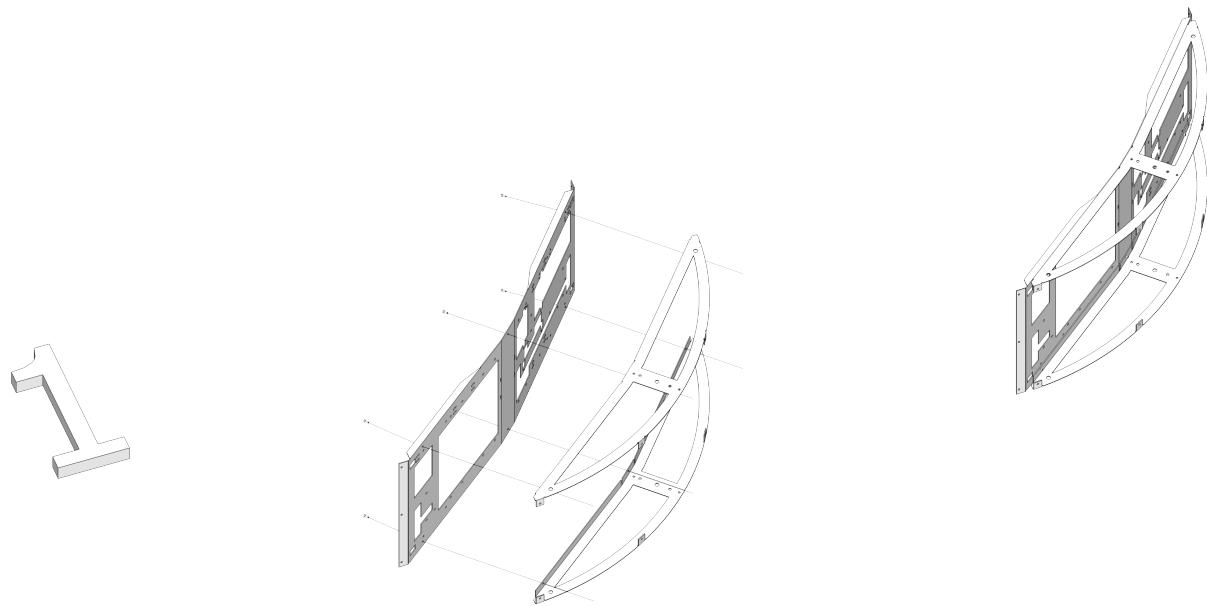
Part Name	Specification	Units
Top Plate	3001-020-0011, Radius 350-240, 1.2mm Thickness, SPCC, Black Powder Coating	1
Top Plate (Cover)	3001-022-0011, Radius 350-240, 1.2mm Thickness, SPCC, Black Powder Coating	3
Bottom Plate	3001-020-0012, Radius 350-240, 1.2mm Thickness, SPCC, Black Powder Coating	4
Inner Top & Bottom Plate	3001-020-0013, Radius 350-240, 1.2mm Thickness, MGI	8
Left & Right Plate	3001-020-0015, Radius 350-240, 1.2mm Thickness, SPCC, Black Powder Coating	8
Inner Plate	3001-020-0016, Radius 350-240, 1.2mm Thickness, MGI	4
Rear Plate	3001-020-0017, Radius 350-240, 1.2mm Thickness, SPCC, Black Powder Coating	1
Rear Plate (Cover)	3001-021-0017, Radius 350-240, 1.2mm Thickness, SPCC, Black Powder Coating	3
Front Plate	3001-020-0018, Radius 350-240, 1.2mm Thickness, SPCC, Black Powder Coating	4
Eye Link	3001-020-0019, 5.0mm Thickness, SPCC, Black Powder Coating	8
Link Spacer	3001-021-0019, 5.0mm Thickness, SPCC, Black Powder Coating	8
Controller Bracket	3001-020-0020, 1.2mm Thickness, MGI	4
Mounting Bracket (+)	3001-020-0030, 3.0mm Thickness, SPCC, Black Powder Coating	Option
Mounting Bracket	3001-021-0030, 3.0mm Thickness, SPCC, Black Powder Coating	1

[Table 2] Mechanical Part List

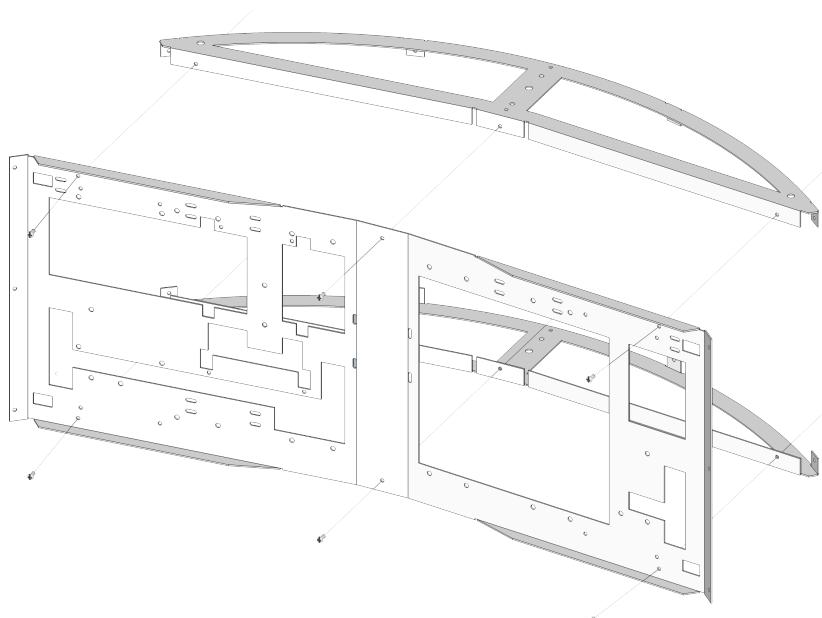
 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
	Date	2022-04-04	Revision	0.2

2. Assembly

2.1. Inner Plate 조립 (4 Set)



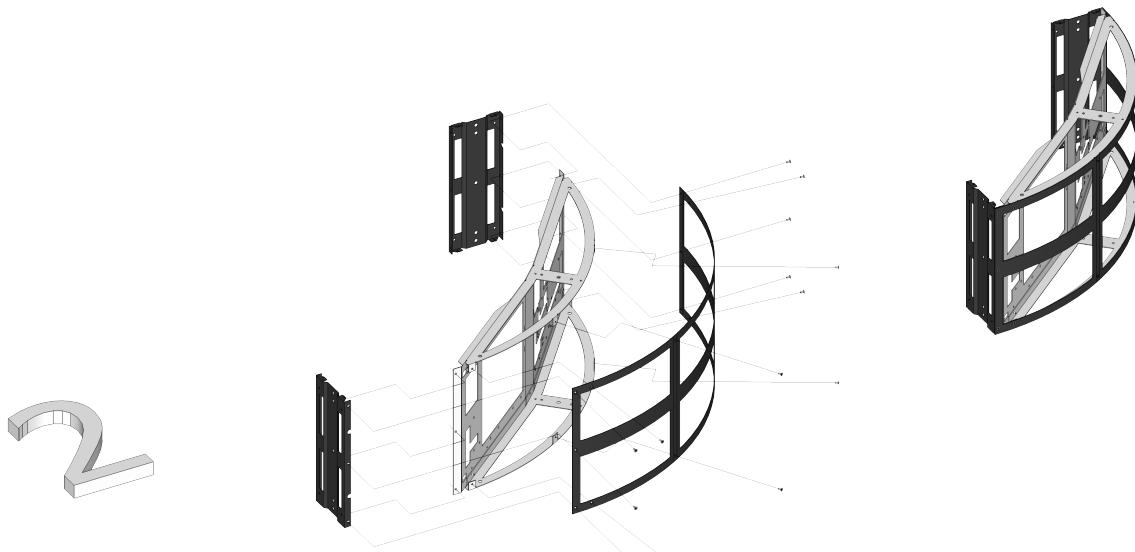
- M3 x 6mm 등근머리 볼트 6개소



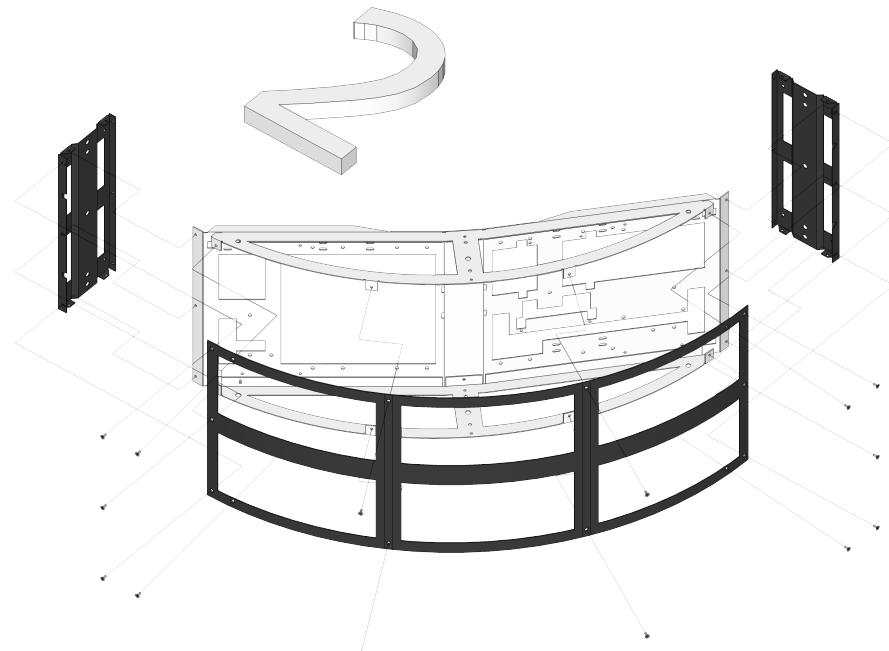
[Picture 1] Inner Plate 조립 (4 Set)

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
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2.2. Front Plate 및 Left & Right Plate 조립 (4 Set)



- M3 x 6mm 소두 접시머리(검정) 볼트 14개소
-



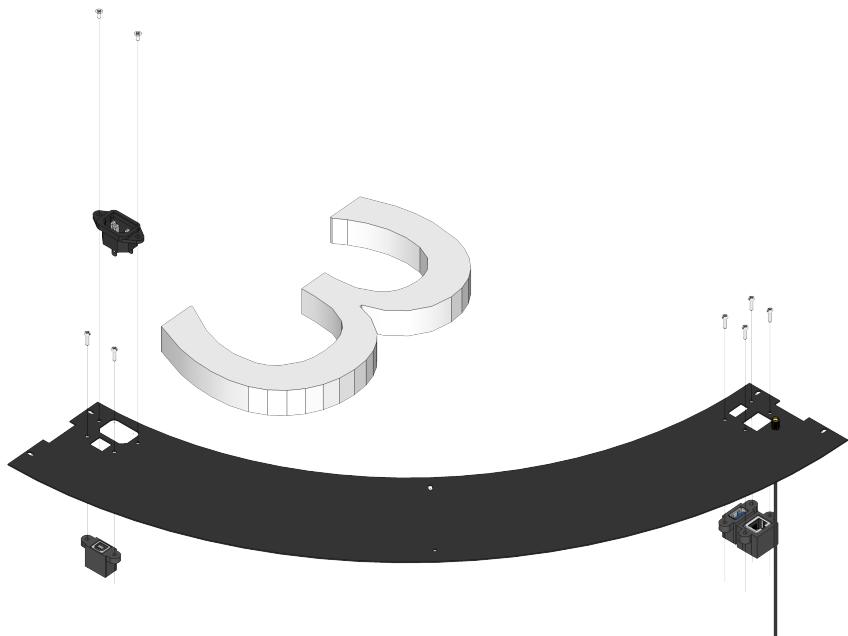
[Picture 2] Front Plate 및 Left & Right Plate 조립 (4 Set)

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
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2.3. Top Plate Socket 조립



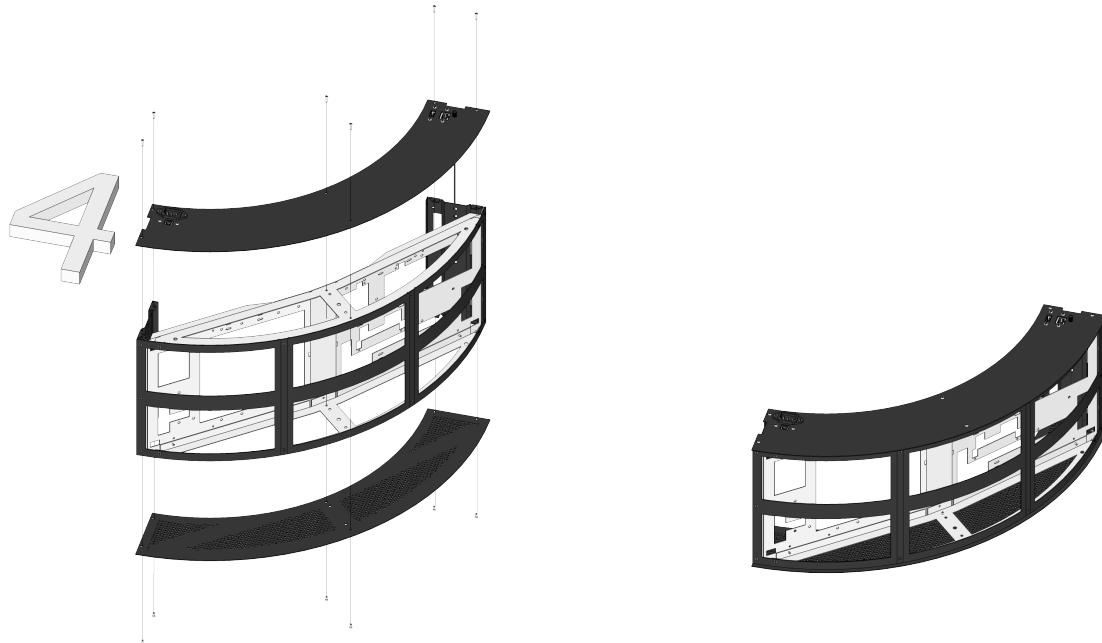
- M3 x 6mm 둥근머리(검정) 볼트6개소
- M3 x 6mm 소두 접시머리(검정) 볼트 2개소



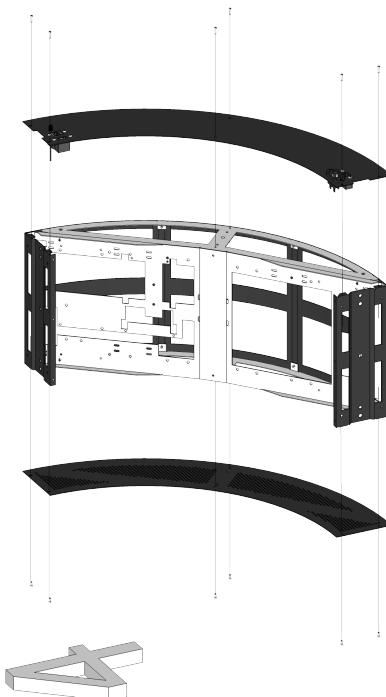
[Picture 3] Top Plate Socket 조립

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
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2.4. Top Plate & Bottom Plate 조립 (1)



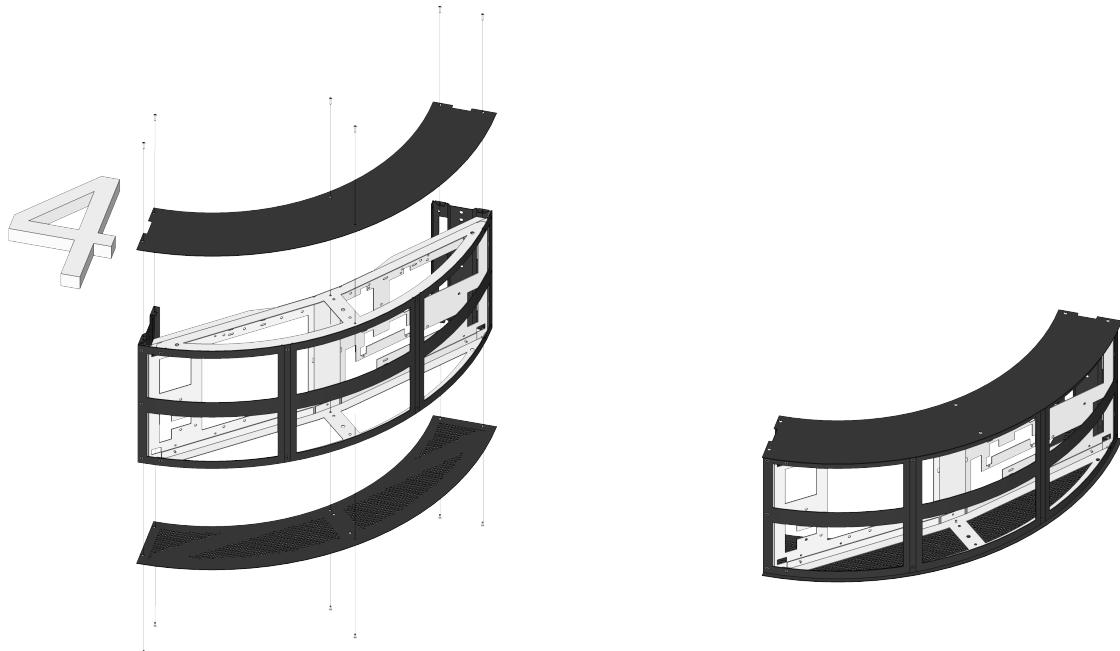
- M3 x 6mm 둥근머리(검정) 볼트 12개소



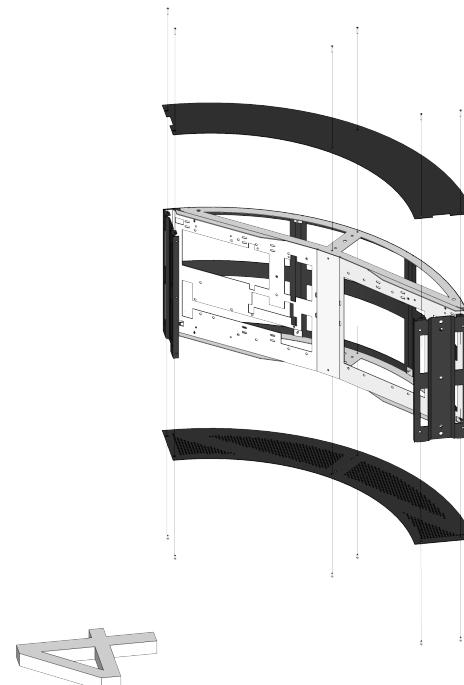
[Picture 4] Top Plate & Bottom Plate 조립 (1)

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
	Date	2022-04-04	Revision	0.2

2.5. Top Plate & Bottom Plate 조립 (2)



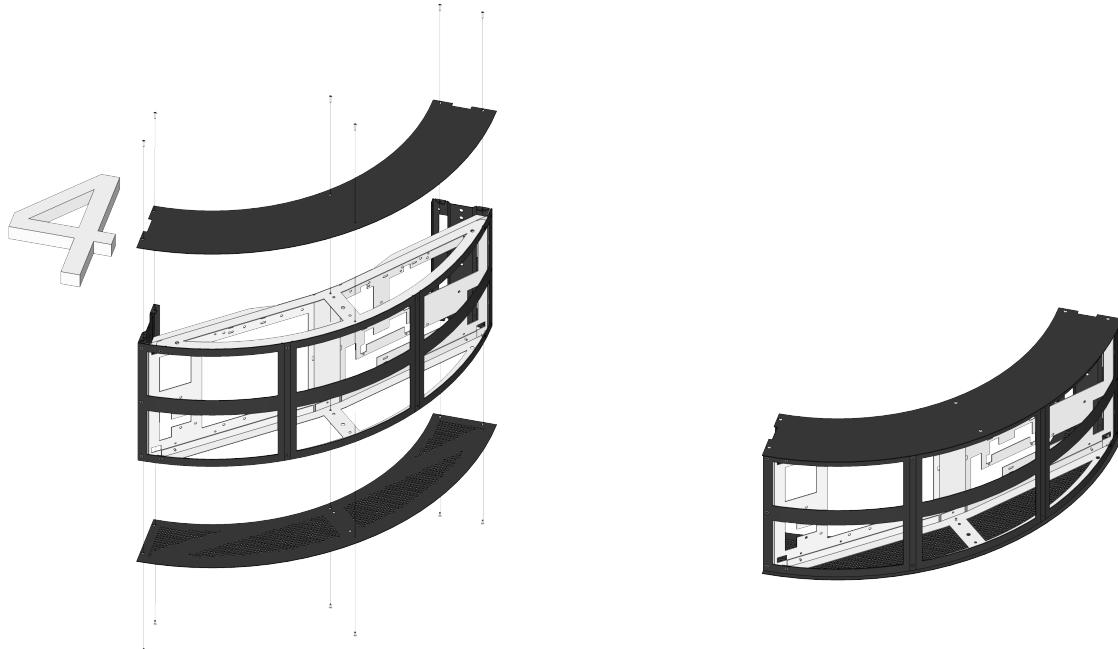
- M3 x 6mm 둥근머리(검정) 볼트 12개소



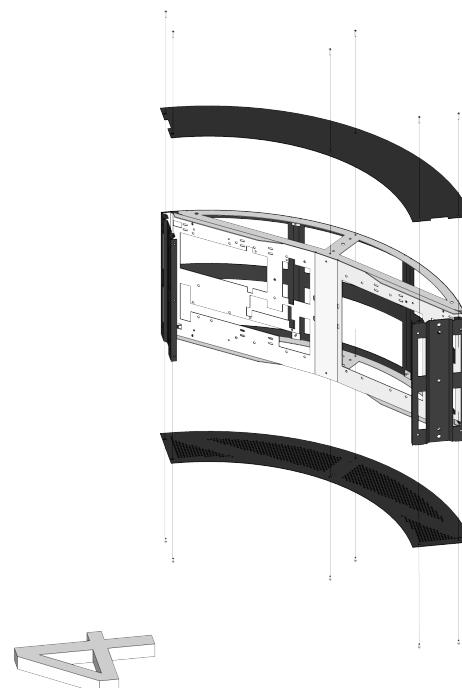
[Picture 5] Top Plate & Bottom Plate 조립 (2)

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
	Date	2022-04-04	Revision	0.2

2.6. Top Plate & Bottom Plate 조립 (3)



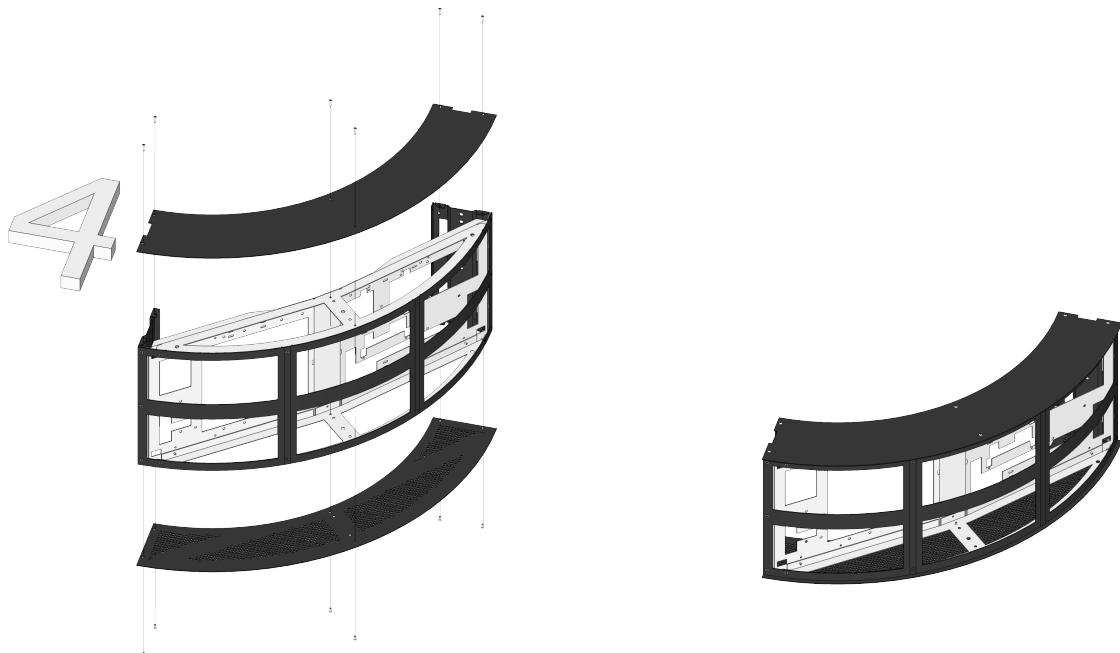
- M3 x 6mm 둥근머리(검정) 볼트 12개소



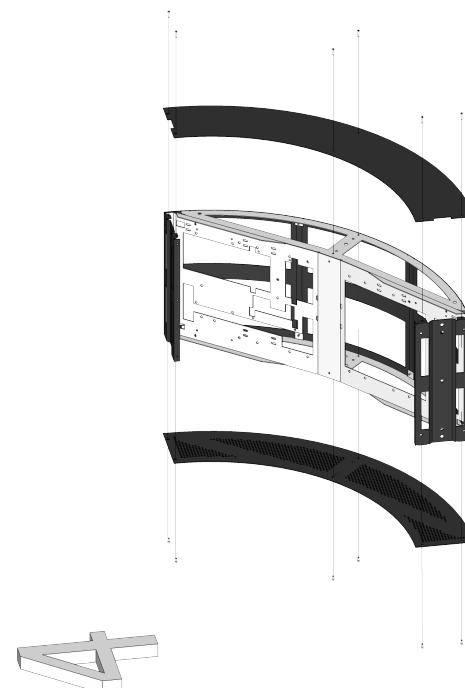
[Picture 6] Top Plate & Bottom Plate 조립 (3)

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
	Date	2022-04-04	Revision	0.2

2.7. Top Plate & Bottom Plate 조립 (4)



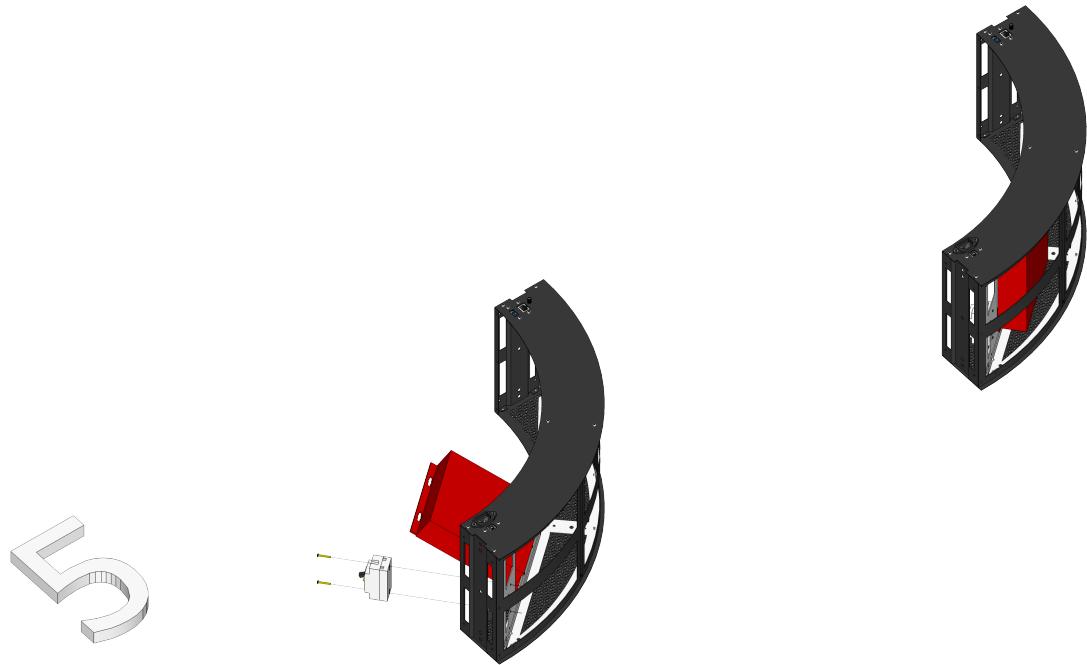
- M3 x 6mm 둥근머리(검정) 볼트 12개소



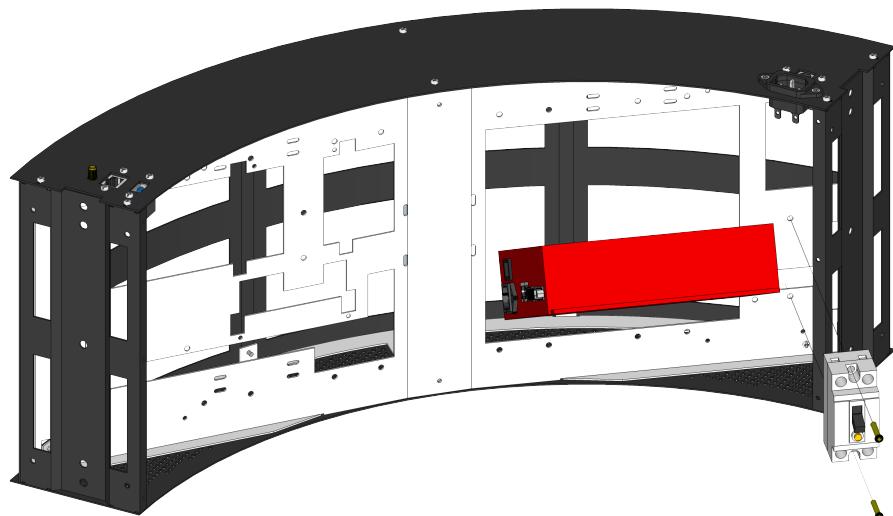
[Picture 7] Top Plate & Bottom Plate 조립 (4)

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
	Date	2022-04-04	Revision	0.2

2.8. Circuit Breaker 조립



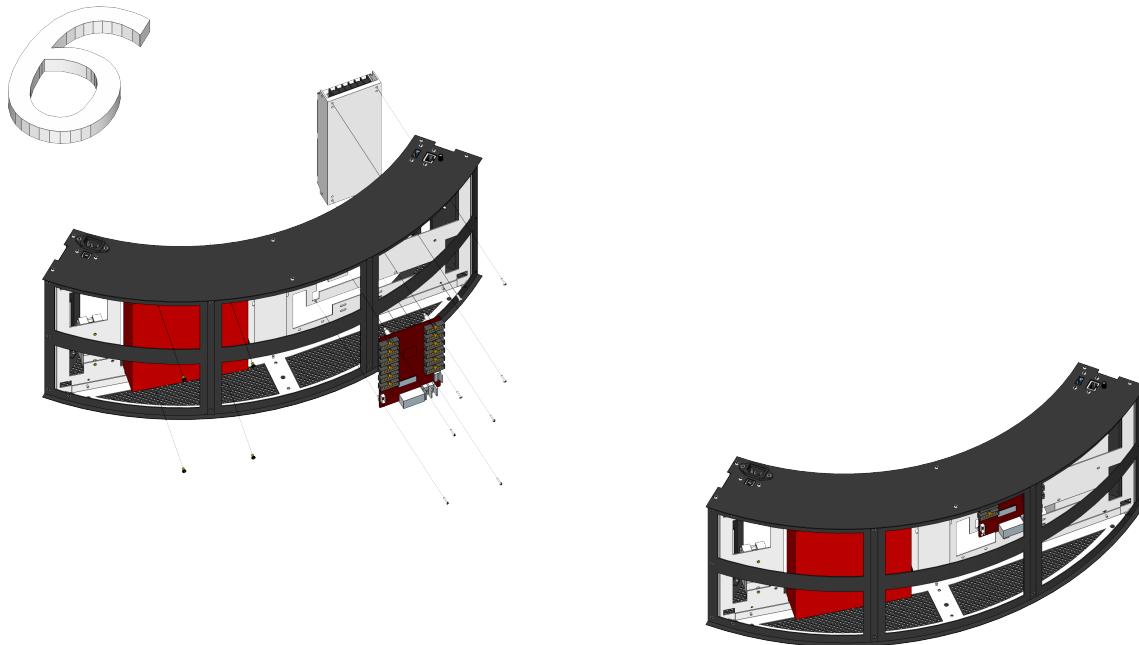
- M4 x 24mm 둥근머리 볼트 2개소



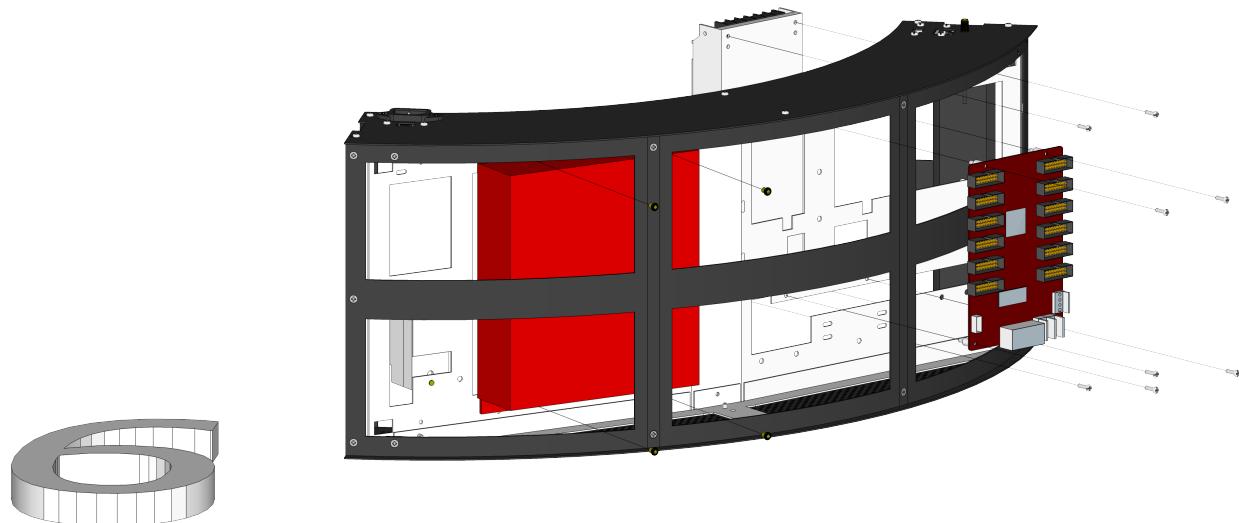
[Picture 8] Circuit Breaker 조립

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
	Date	2022-04-04	Revision	0.2

2.9. PSU & Receiving Card & Sending Box 조립



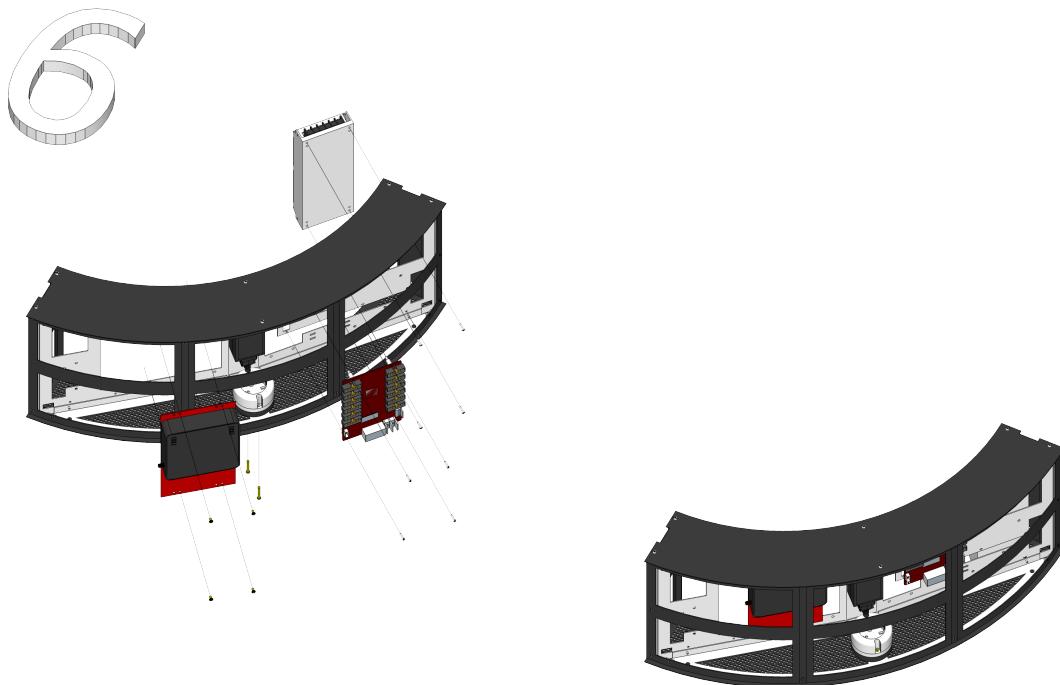
- M4 x 6mm 둥근머리 볼트 4개소
- M3 x 6mm 둥근머리 볼트 8개소



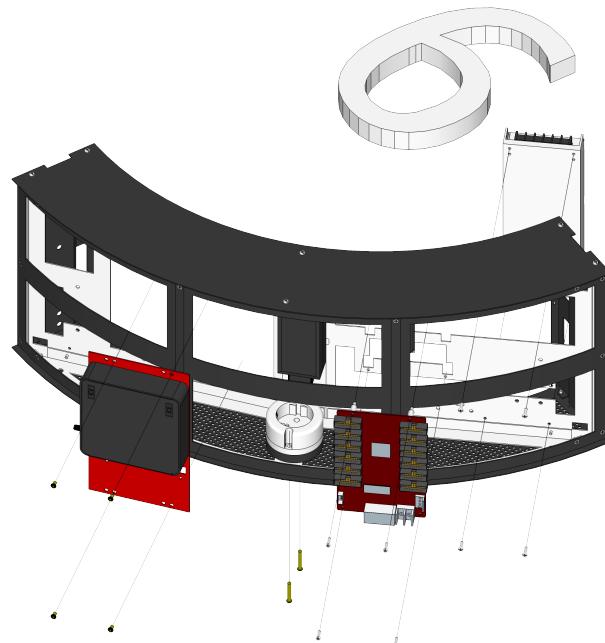
[Picture 9] PSU & Receiving Card & Sending Box 조립

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
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2.10. PSU & Receiving Card & Set-Top Box 조립



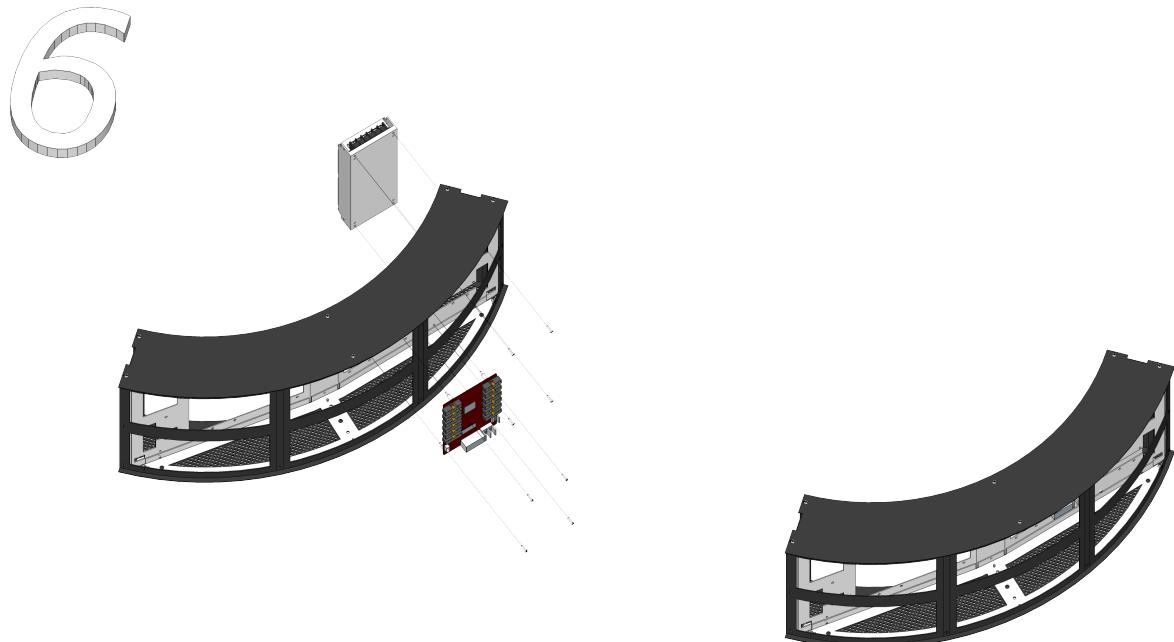
- M4 x 6mm 둥근머리 볼트 4개소, M3 x 6mm 둥근머리 볼트 8개소
- M4 x 24mm 둥근머리 볼트 2개소, M4 나일론 너트 2개소



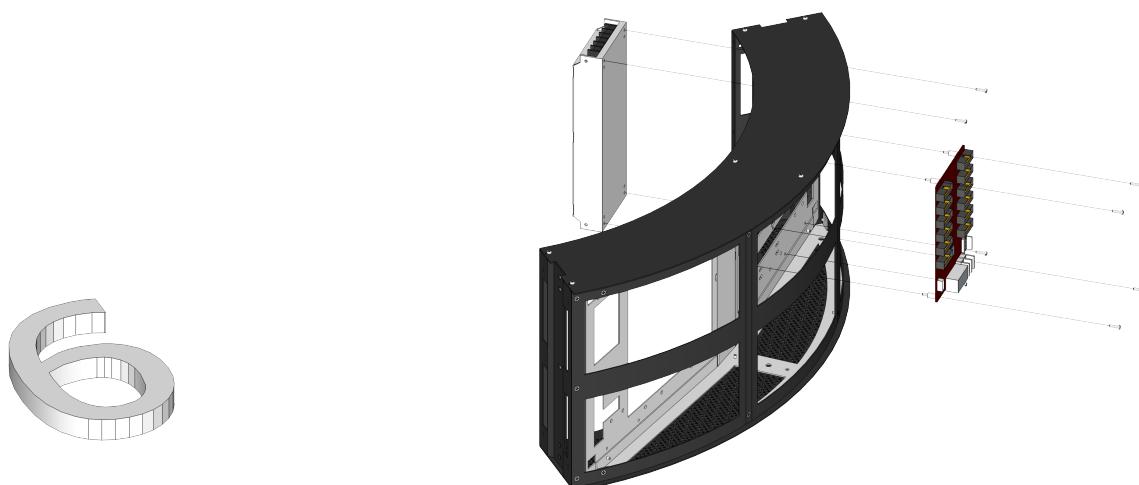
[Picture 10] PSU & Receiving Card & Set-Top Box 조립

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
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2.11. PSU & Receiving Card 조립 (1)



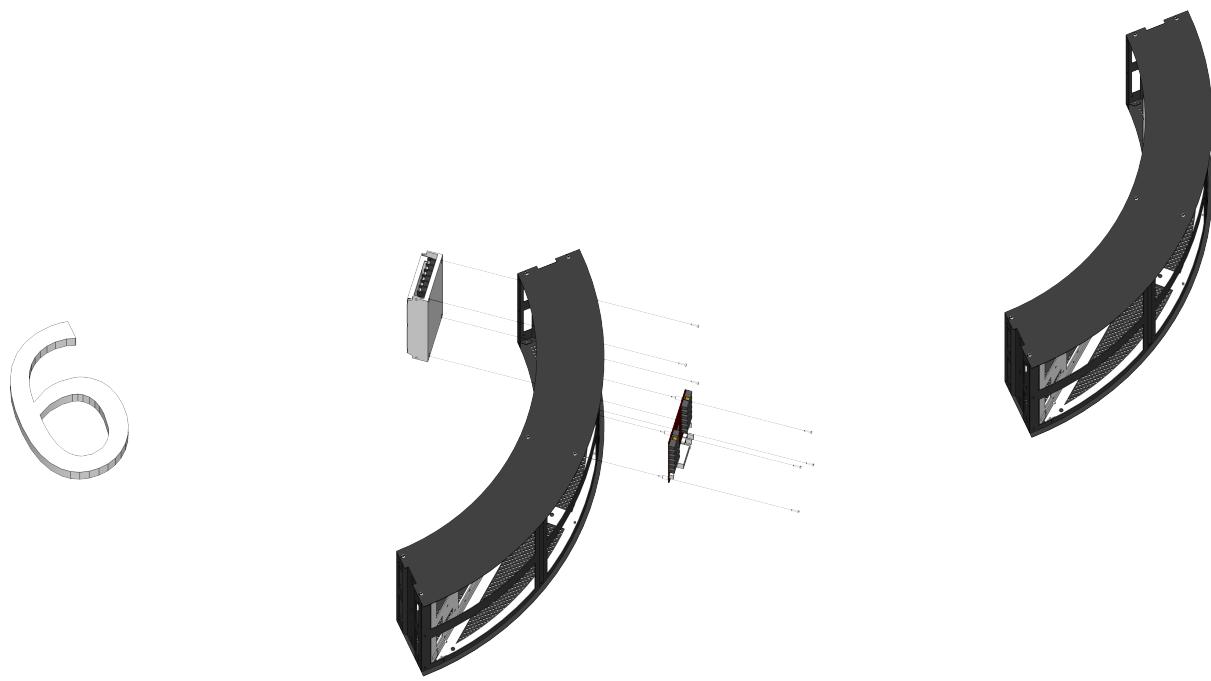
- M3 x 6mm 둥근머리 볼트 8개소



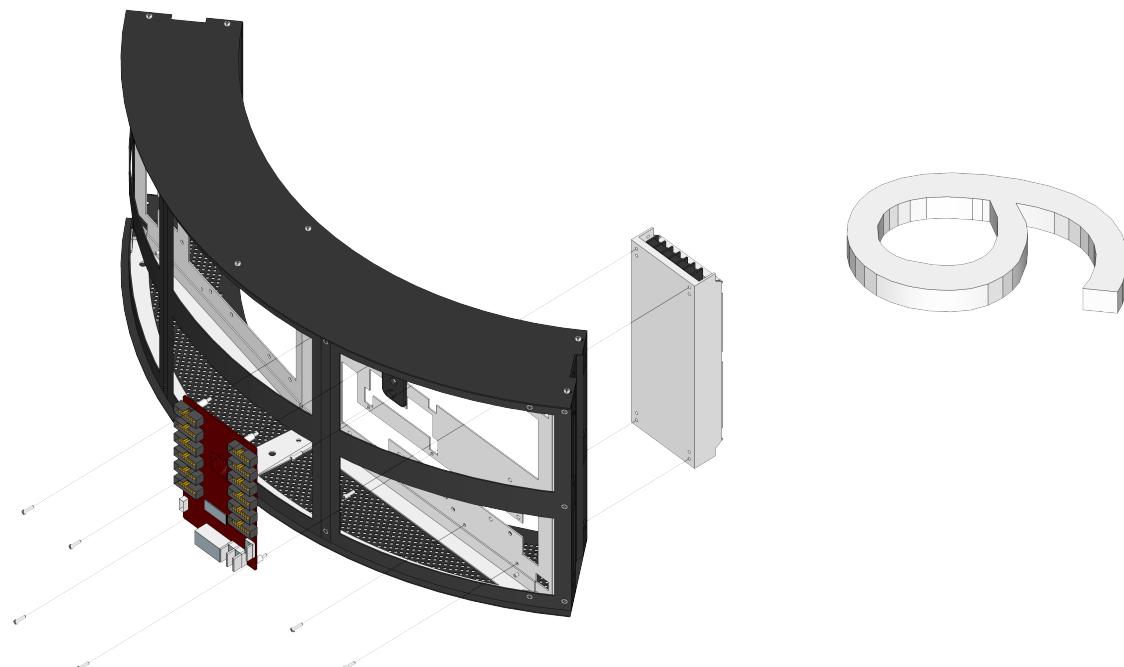
[Picture 11] PSU & Receiving Card 조립 (1)

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
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2.12. PSU & Receiving Card 조립 (2)



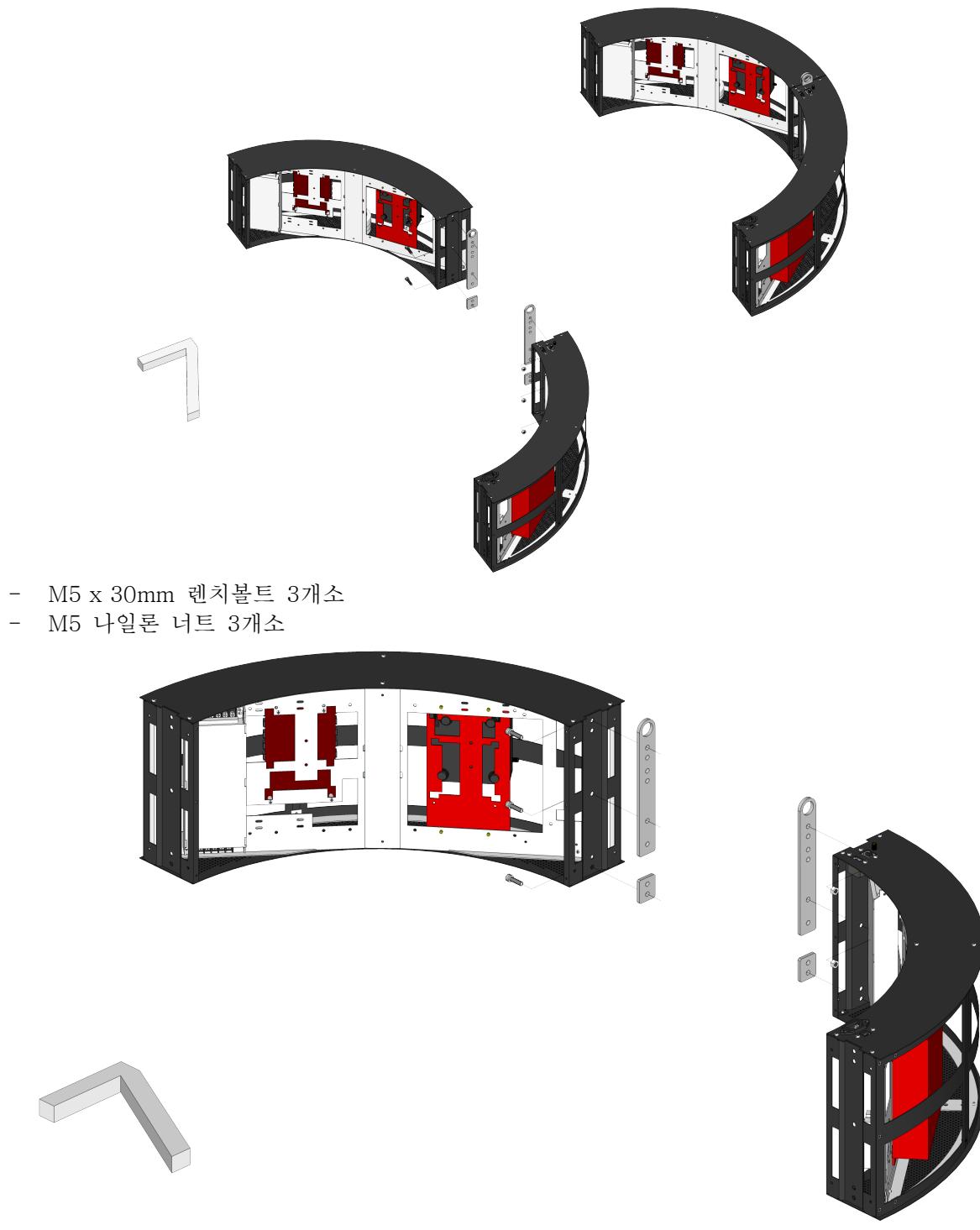
- M3 x 6mm 둥근머리 볼트 8개소



[Picture 12] PSU & Receiving Card 조립 (2)

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
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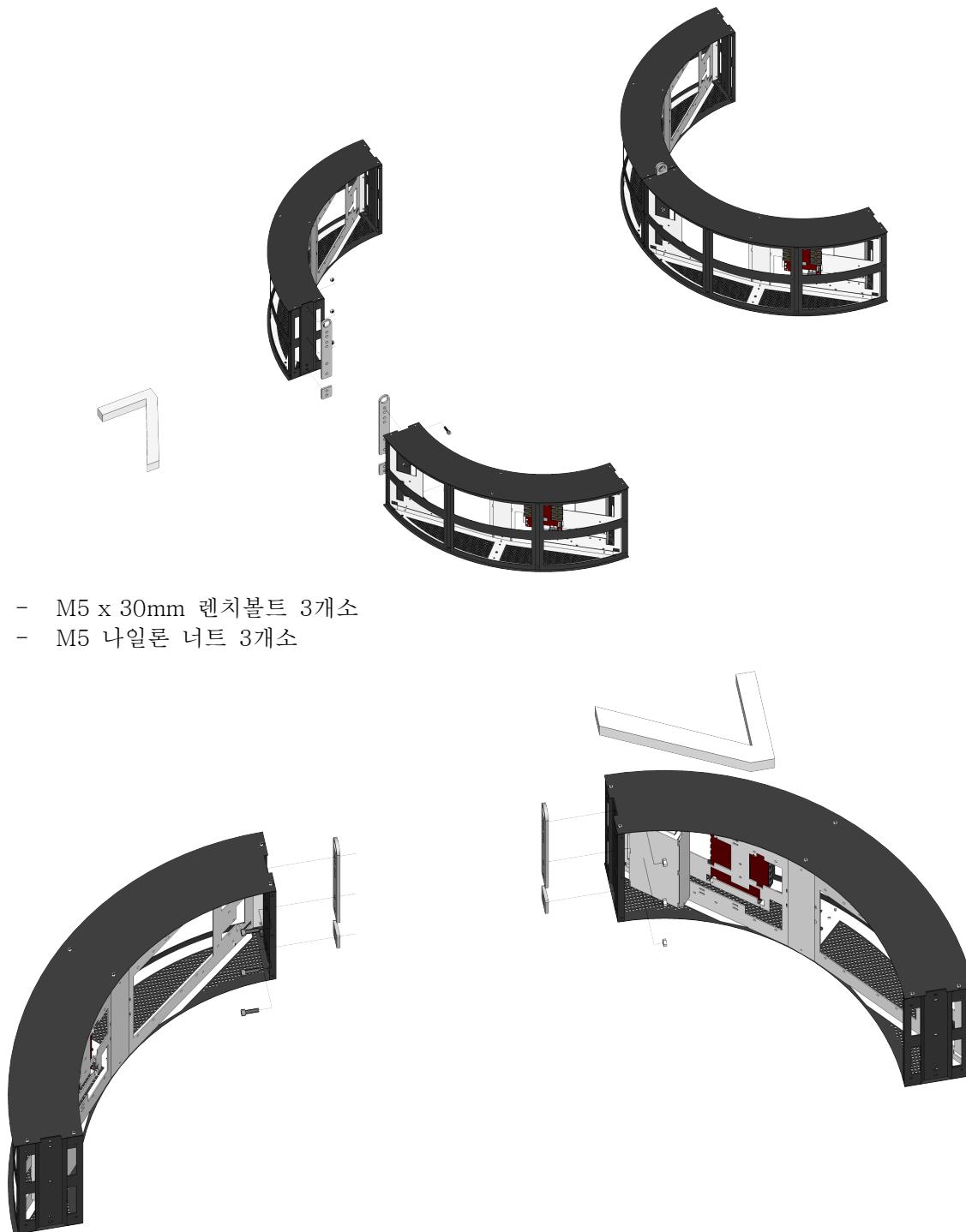
2.13. Eye Link Plate & Link Spacer 조립 (1)



[Picture 13] Eye Link Plate & Link Spacer 조립 (1)

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
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2.14. Eye Link Plate & Link Spacer 조립 (2)

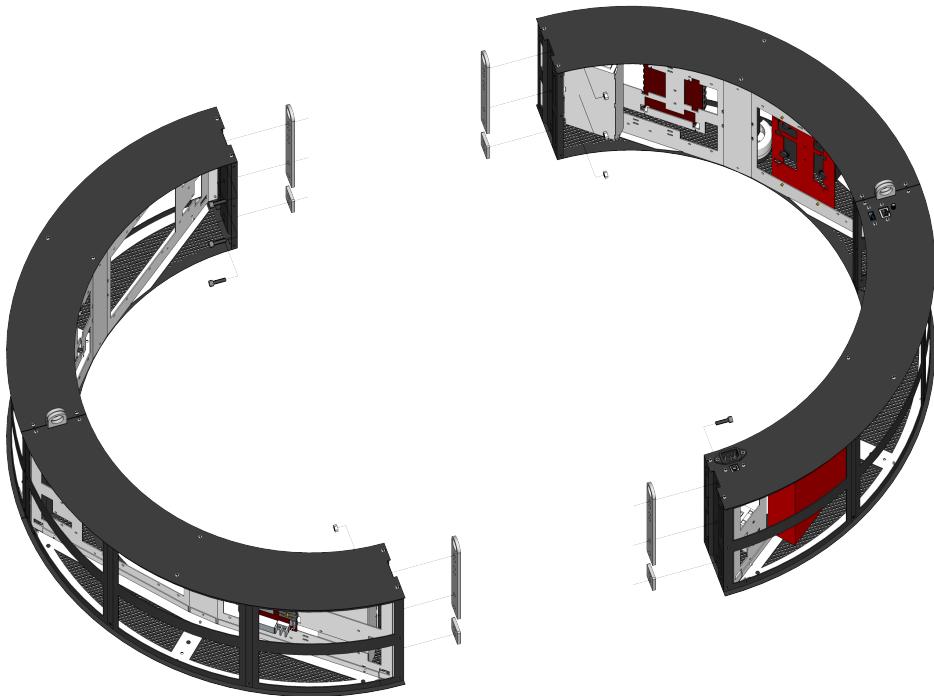


[Picture 14] Eye Link Plate & Link Spacer 조립 (2)

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
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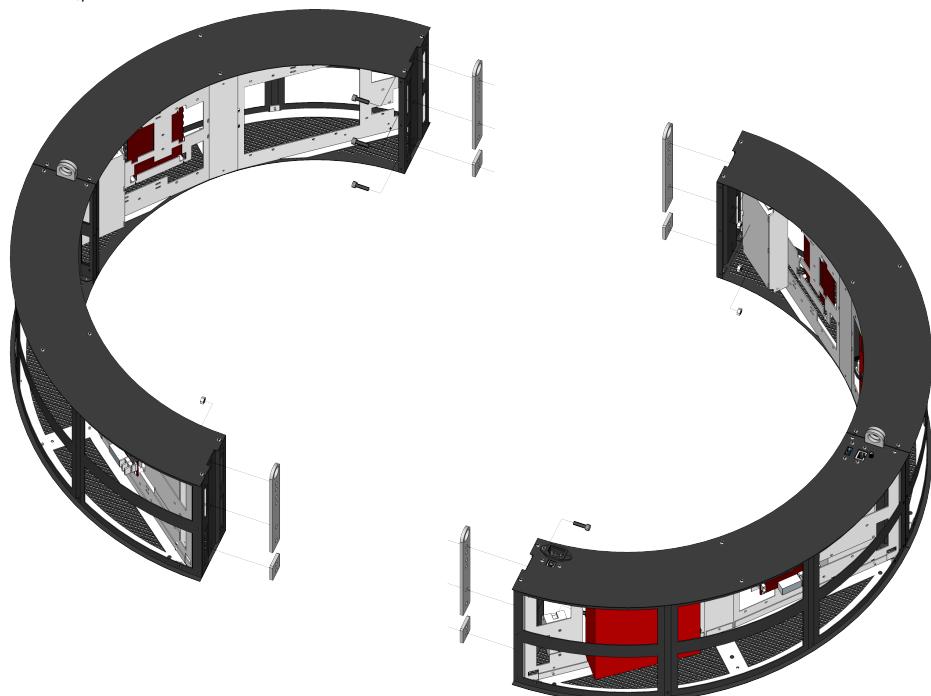
2.15. Eye Link Plate & Link Spacer 조립 (3)

8



- M5 x 30mm 렌치볼트 6개소
- M5 나일론 너트 6개소

8

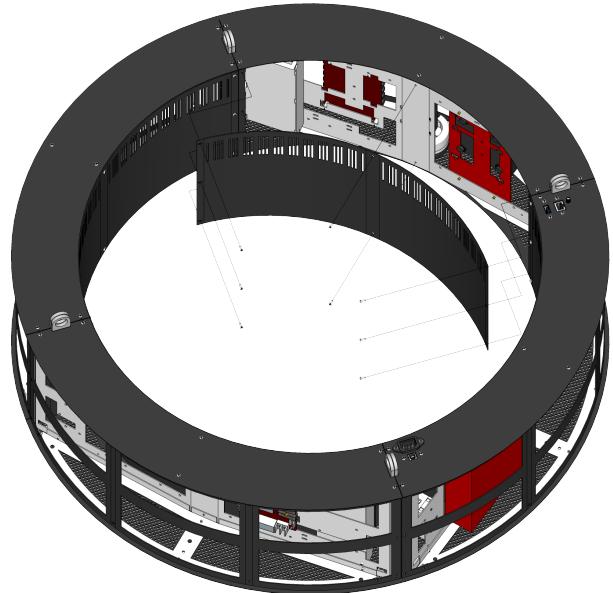


[Picture 15] Eye Link Plate & Link Spacer 조립 (3)

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
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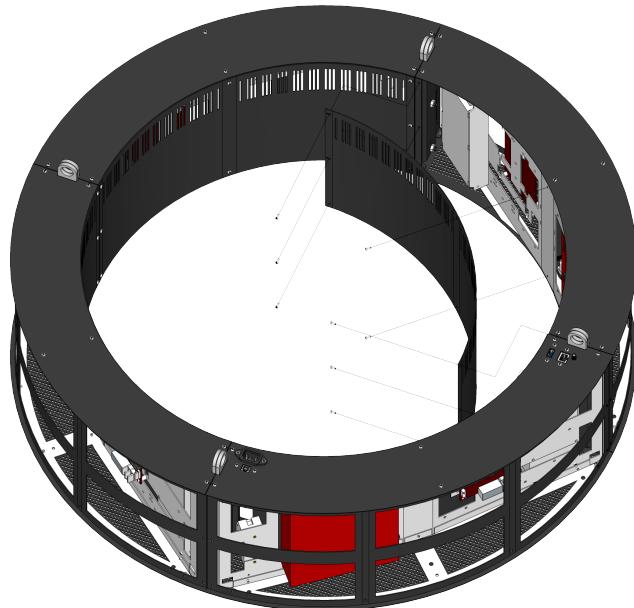
2.16. Rear Plate 조립 (4 Side)

9



- M3 x 6mm 둥근머리(검정) 볼트 8개소

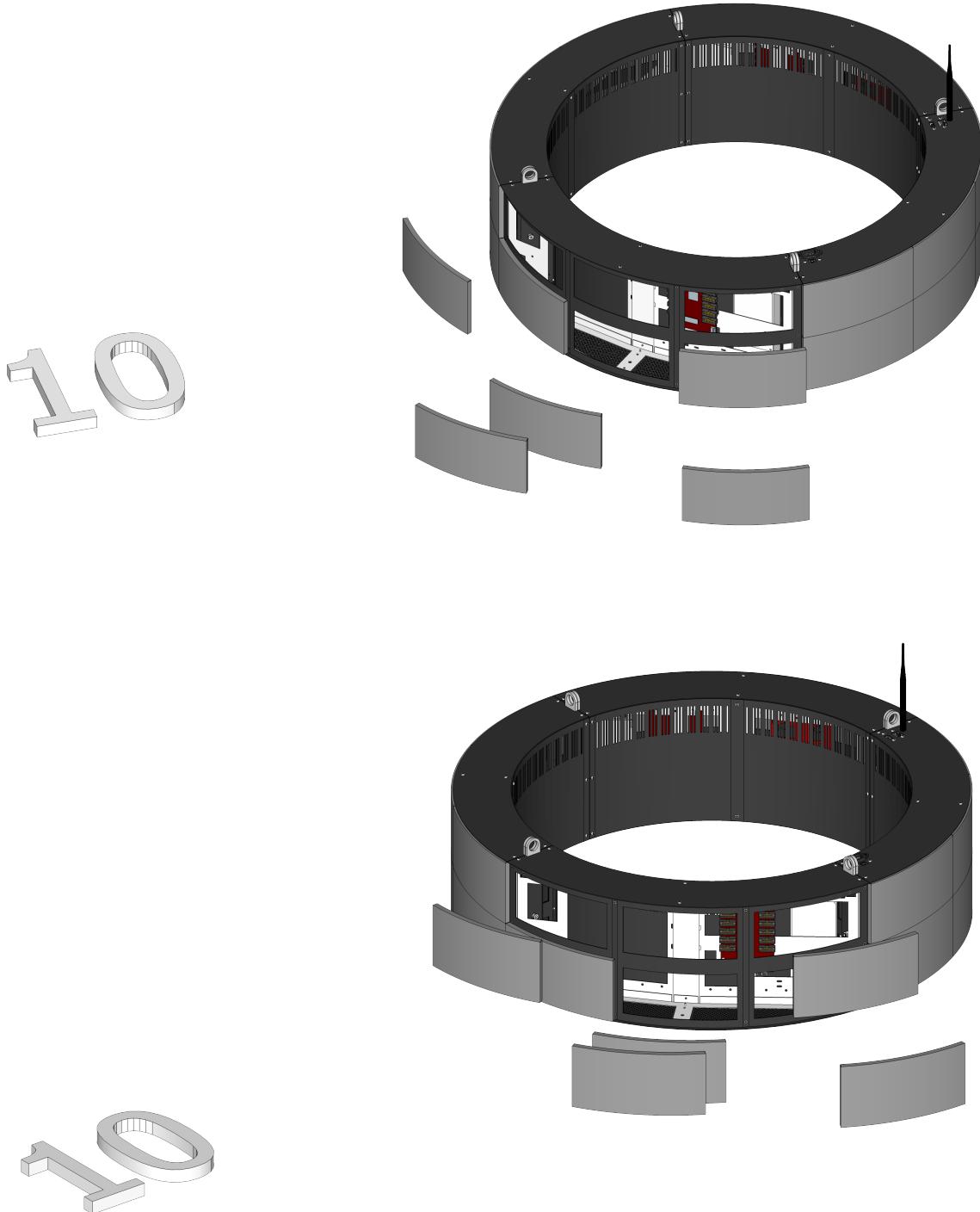
9



[Picture 16] Rear Plate 조립 (4 Side)

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
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2.17. LED Module 조립

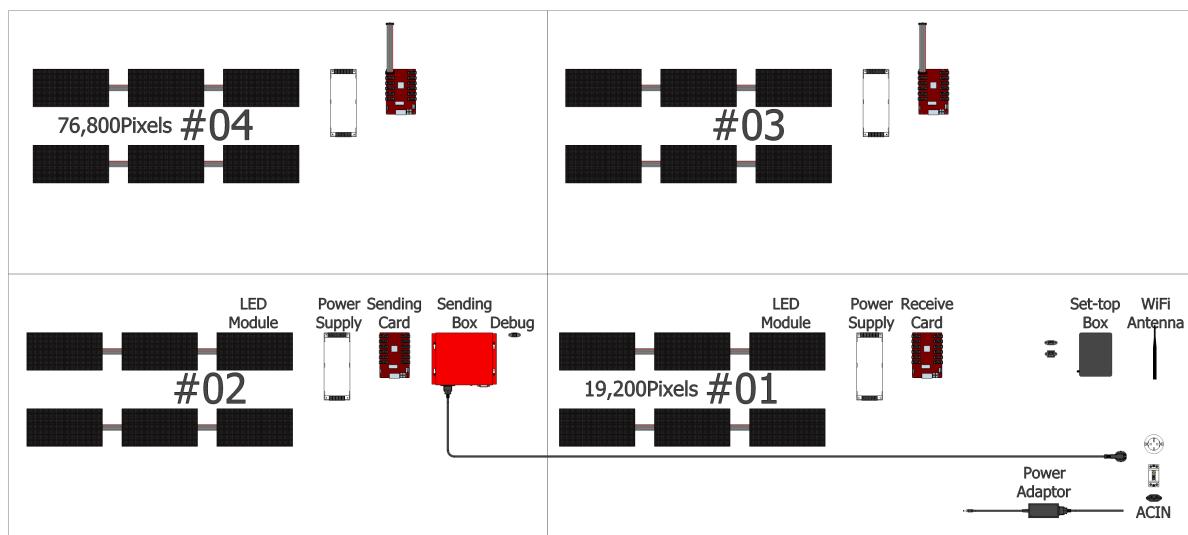


[Picture 17] LED Module 조립

 [주] 아바비전	Product	360 Signage Circle (Radius 350-240)	Document name	Assembly Instructions
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3. 구성 및 연결

3.1. System Configuration



[Picture 18] System Configuration