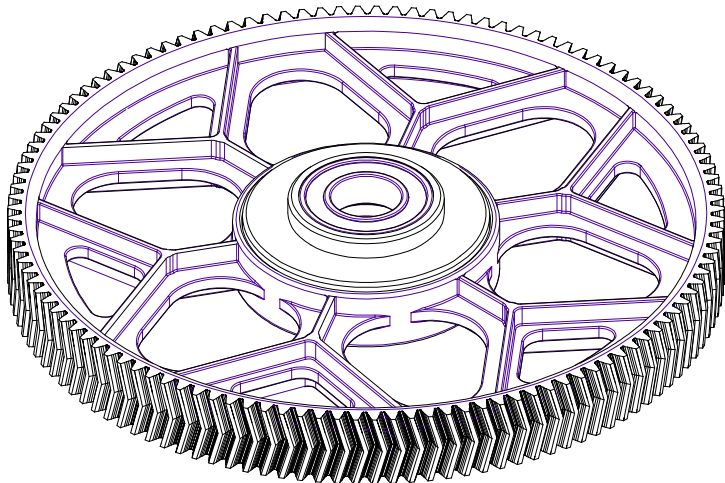
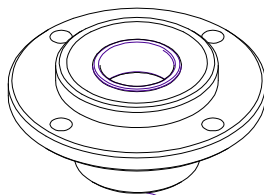


# 4. Main Gear & Pulley Assembly

**Main Gear Assembly**



**Packing(G-1)**

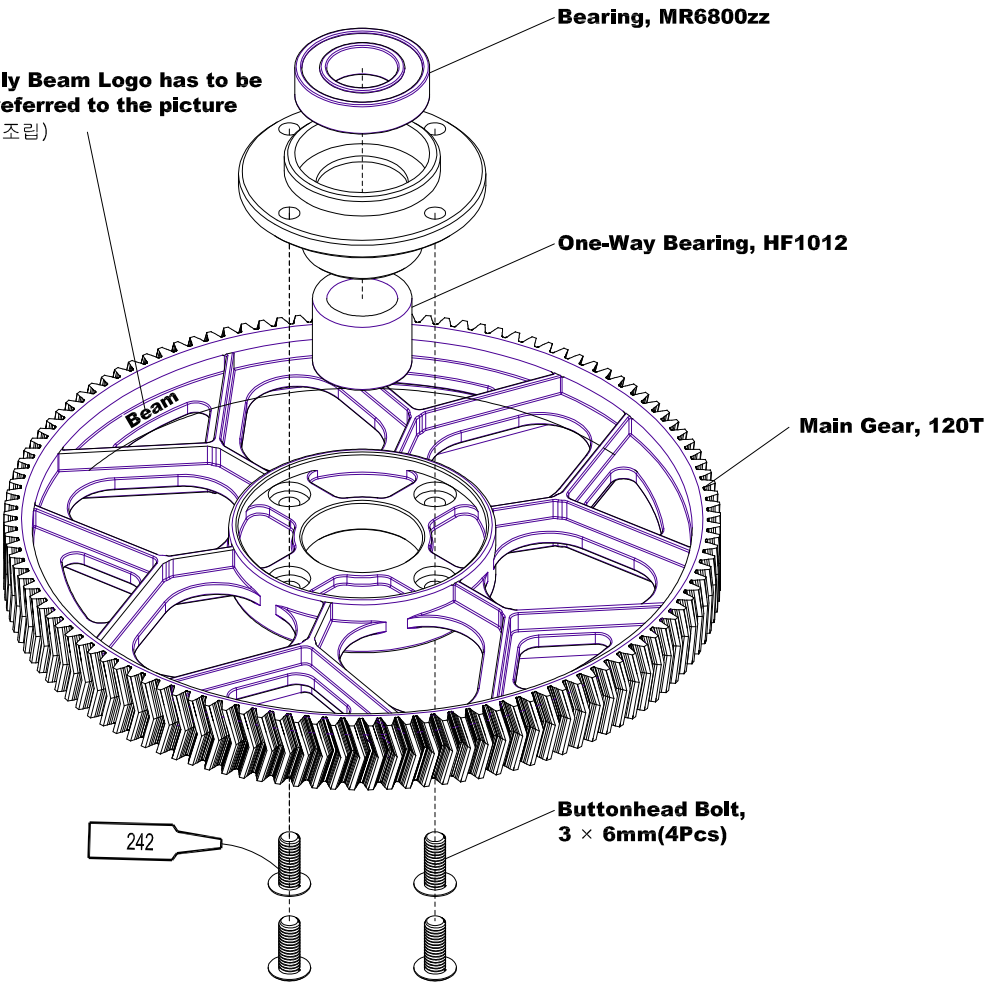


**Autorotation Case**

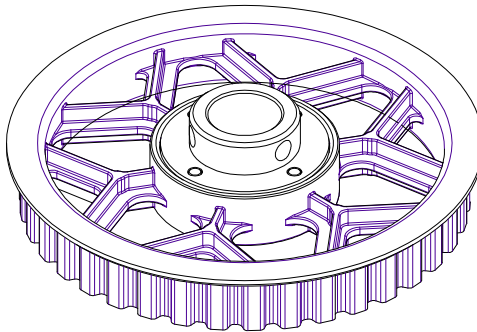


**Buttonhead Bolt,  
3 x 6mm(4Pcs)**

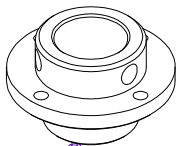
Main Gear assembly Beam Logo has to be  
up side direction referred to the picture  
(빔로고가 위쪽으로 조립)



**Main Pulley Assembly**



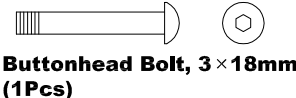
**Packing(G-2)**



**Belt Pulley case**



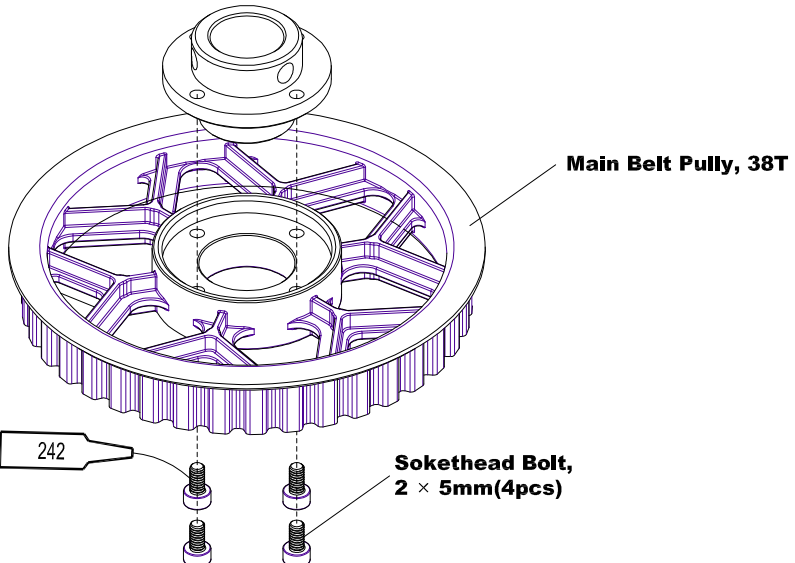
**Sckethead Bolt,  
2 x 5mm(4pcs)**



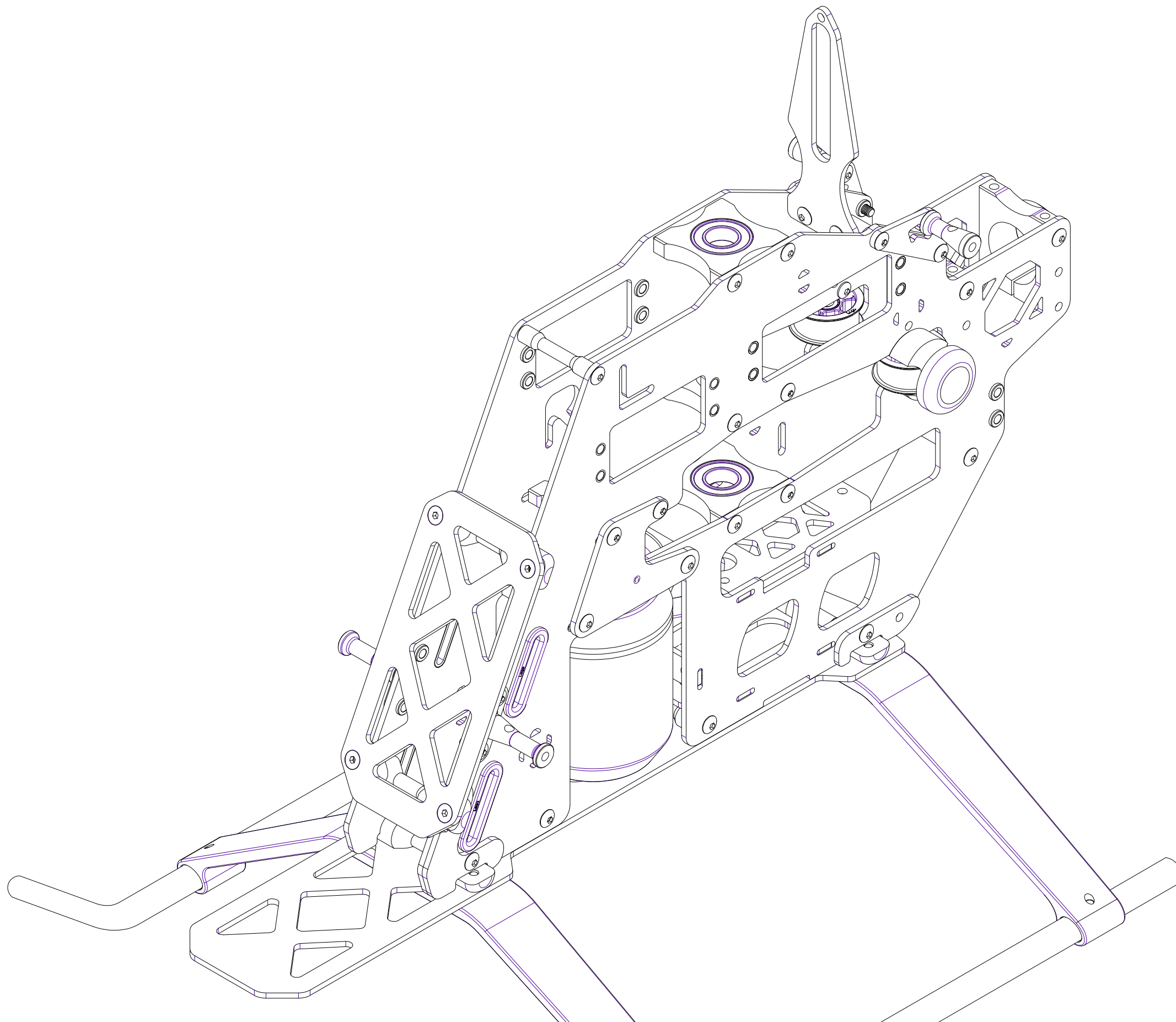
**Buttonhead Bolt, 3 x 18mm  
(1Pcs)**



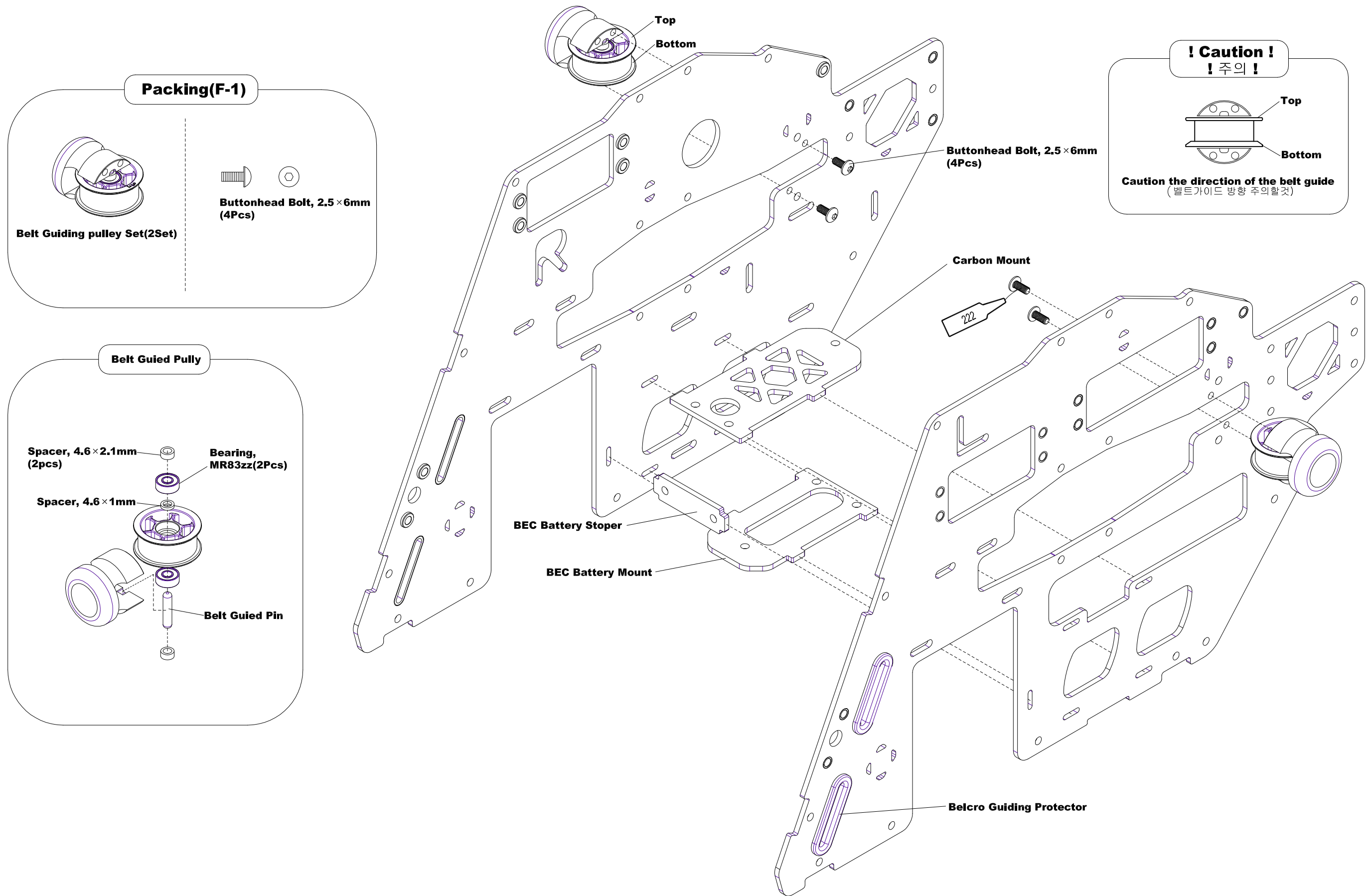
**Spacer(1Pcs)**



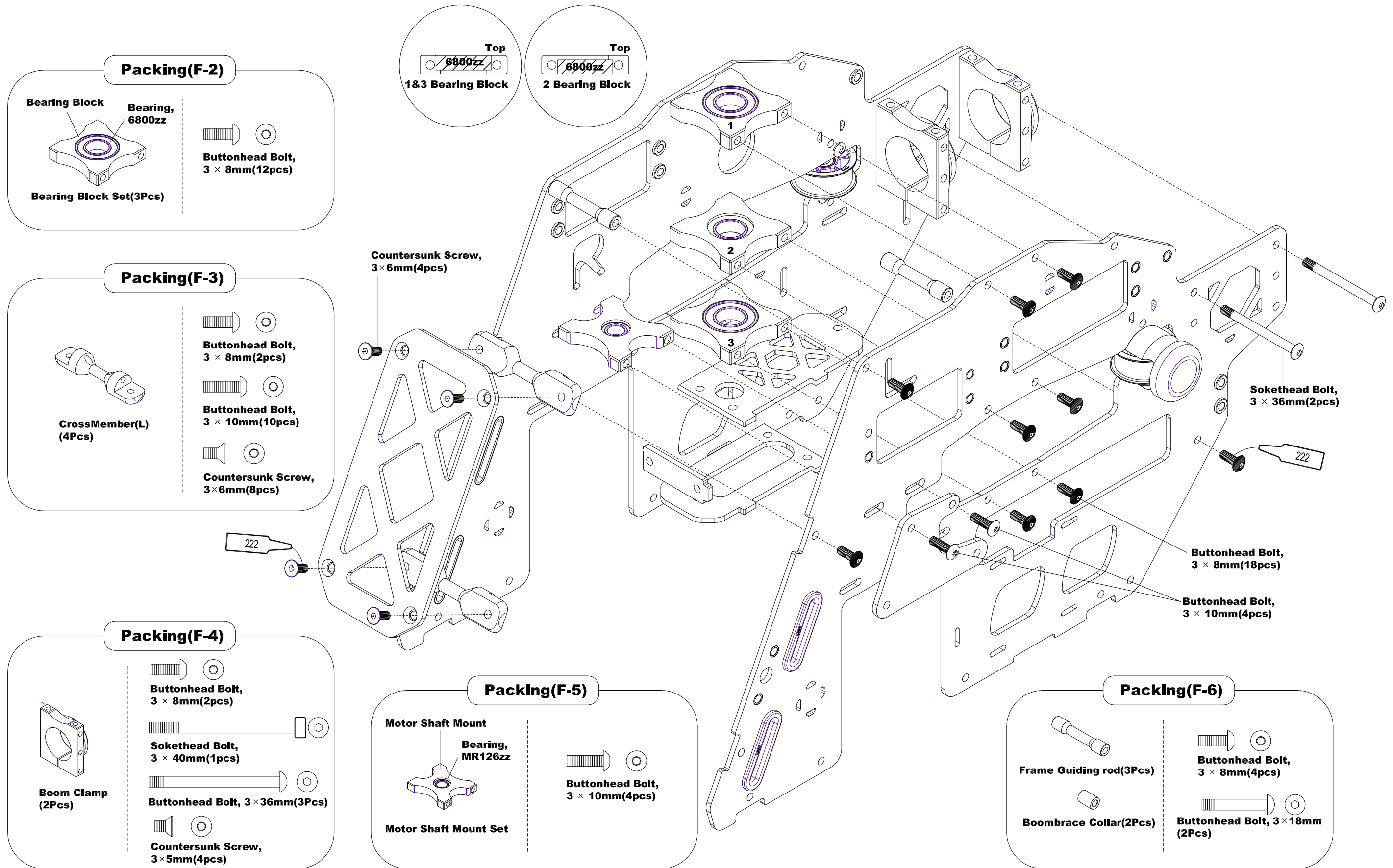
## 5. Main Frame Assembly



# 5-1. Main Frame Assembly



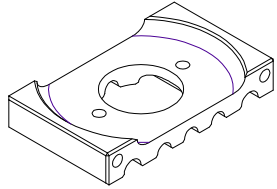
# 5-2. Main Frame Assembly



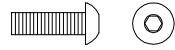


# 5-3. Main Frame Assembly

## Packing(F-7)

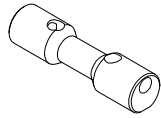


Motor Mount



Buttonhead Bolt,  
3 × 10mm(4pcs)

## Packing(F-8)



CrossMember(S)  
(3Pcs)



Buttonhead Bolt,  
3 × 8mm(4pcs)

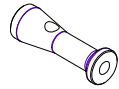


Buttonhead Bolt,  
3 × 6mm(2Pcs)

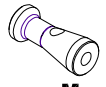


Countersunk Screw,  
3×6mm(4pcs)

## Packing(F-9)



Canopy Mount(L)  
(2Pcs)



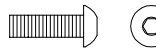
Canopy Mount(S)  
(2Pcs)



Canopy Capture(4Set)



Buttonhead Bolt,  
3 × 6mm(10Pcs)



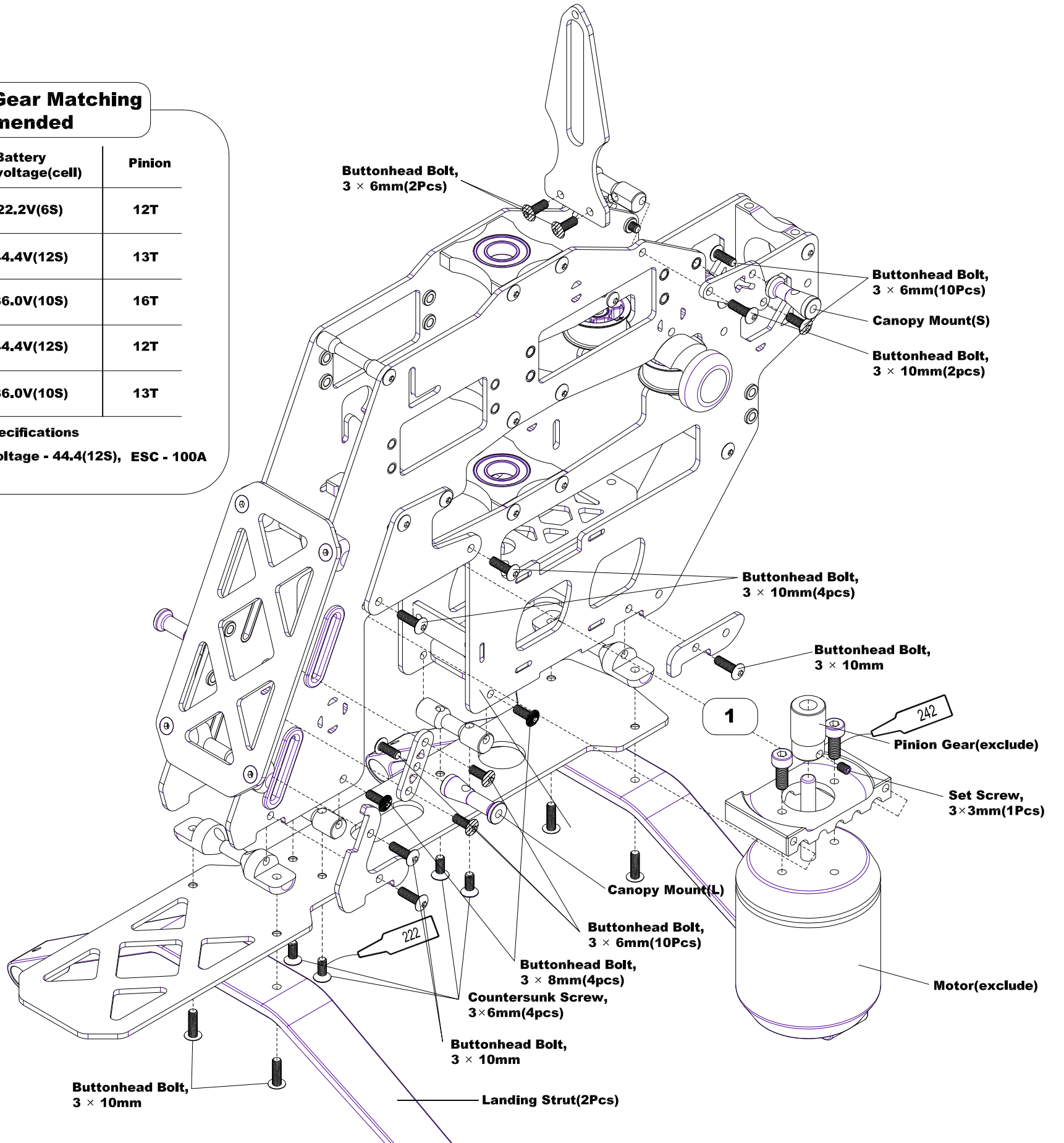
Buttonhead Bolt,  
3 × 10mm(2pcs)

## Pinion Gear Matching Recommended

| Motor Kv    | Battery voltage(cell) | Pinion |
|-------------|-----------------------|--------|
| 1100~1250Kv | 22.2V(6S)             | 12T    |
| 530~560Kv   | 44.4V(12S)            | 13T    |
| 530~560Kv   | 36.0V(10S)            | 16T    |
| 630Kv       | 44.4V(12S)            | 12T    |
| 630Kv       | 36.0V(10S)            | 13T    |

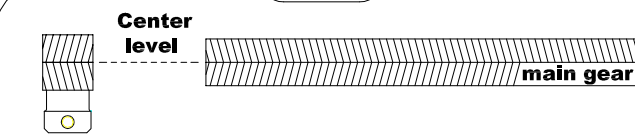
### Factory Testing Specifications

Motor - 630Kv, Voltage - 44.4(12S), ESC - 100A

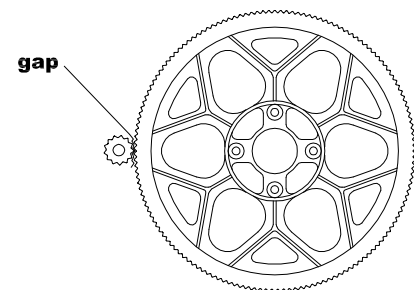


## 5-4. Main Frame Assembly

### Tip



- Check carefully at pinion Gear and Main Gear direction.  
(파니언 기어와 메인기어 헬리컬 방향 주의)
- Direction of pinion Gear and main Gear has to be in horizontal position  
(파니언 기어축과 메인기어 축이 일치선이 되도록)



The interval between motor pinion gear and main gear should be approximately 0.1mm  
(파니언 기어 와 메인 기어 사이는 0.1mm정도 유격이 있도록)

