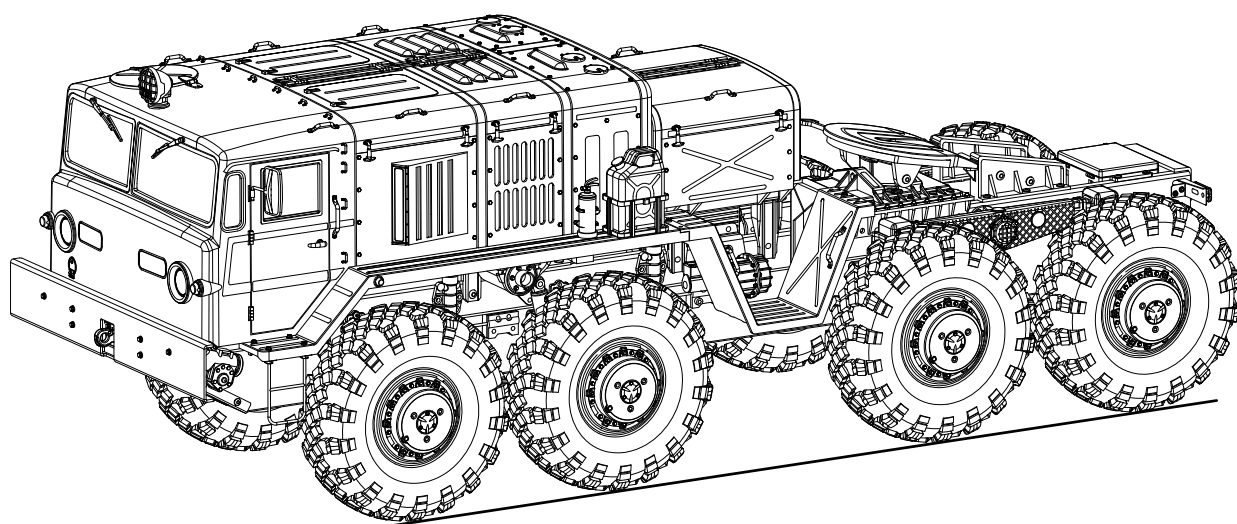


BC8-越野卡车

(安装说明书)



封面另行设计

- 1.1 Choose a right place to operate your RC model.
- 1.2 Do not operate your RC model on the street or highway. It can cause a serious damage or a serious accident.
- 1.3 Never operate your RC model near people or animals.
- 1.4 Do not operate RC model in public places like hospital and residential areas.
- 1.5 Never operate RC model indoors. There is a higher possibility of fire or damage.
- 1.6 Keep the parts out of reach of children, small parts can cause choking and vinyl bags can suffocate.
- 1.7 Do not use with children younger than 14 years.

- 2.1 Make sure that all screws and nuts are properly tightened. It is also a good idea to use removable thread lock wherever metal screws go into metal, especially for engine mounts and the engine pilot shaft.
- 2.2 Always use fresh batteries for your transmitter and for your receiver to avoid losing control of the model.
- 2.3 Always test the brakes and throttle before starting your engine to avoid losing control of the model.
- 2.4 Always turn on the transmitter first, and then turn on the receiver.

- 3.1 Turn off receiver first, then turn off transmitter, this will prevent runaways.
- 3.2 Be careful when handling batteries, they will be hot after running.
- 3.3 Replace any batteries that have been dented or have frayed wires, short circuits can cause fire.

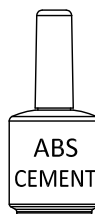
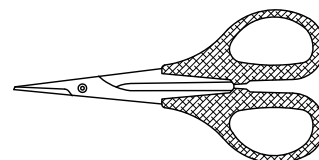
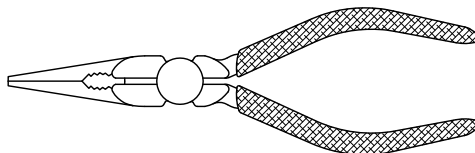
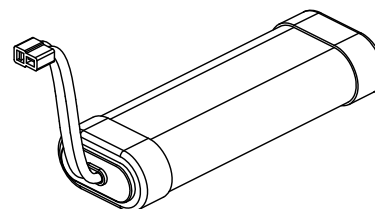
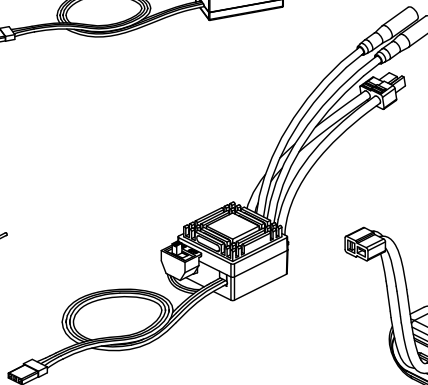
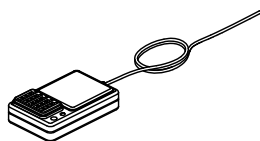
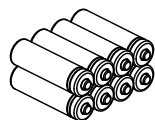
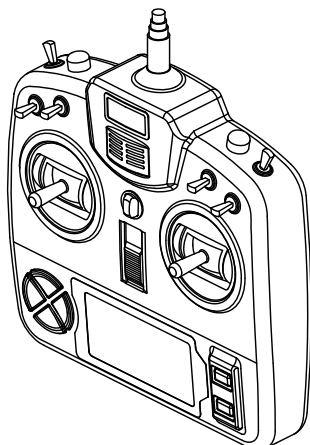


Diagram illustrating the connection of two servos to a single cable. The cable is shown connected to both servos. A note indicates that the cable should be cut to separate the two servos.



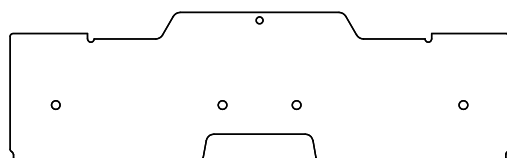
BC8 MAMMOTH Assembly Notice

- 1、The body parts spray process should be carried out in a ventilated place and wear a safety mask.
- 2、Please use ABS special glue for bonding when assembling plastic body parts, please clean the adhesive surface before bonding and make sure no paint on it, and pressure both binding together in 10 seconds make it fully glued.
- 3、Please refer to page 64,65 of Instruction for get wiring diagrams of electronic equipment. Please process to power adjust under the condition that the wheels are suspended.
- 4、This product is a high precision model, so the some technical experience is required and need more than 40 hours of assembly time at least. Please read the instructions carefully before assembly and strictly follow the guide.

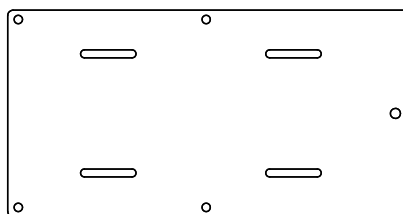
Electronic equipment requirements and recommendations

Name	Specifications		Remark
Remote controller	4 channel required; 5 channels or above are required when a sound system is needed.		
Servo	Steering servo: ≥30KG 2pcs HV		High-voltage standard steering servo with waterproof
	Shift gears servo: ≥3kg		Standard steering servo with waterproof
ESC	Persistent current: ≥80A		ESC BEC output: >3A
UBEC	Persistent current: ≥8A		Output: 7.2V~8.4V
Motor	560 38T or exceed brushed motor		Boundary dimension under: Ø39mm*65mm; Distance of installation holes: 25mm; Output shaft diameter: 3.175mm.
Battery	Motor gear	Total reduction ratio	Suitable
7.4V LiPO (7.2V NiMH)	10T	1 st Gear: 1:75 2 nd Gear: 1:33	Scale in low speed
11.1V LiPO (10.8V NiMH)	10T	1 st Gear: 1:75 2 nd Gear: 1:33	Scale in medium, low speed
11.1V LiPO (10.8V NiMH)	14T	1 st Gear: 1:53 2 nd Gear: 1:23	Scale in medium, high speed

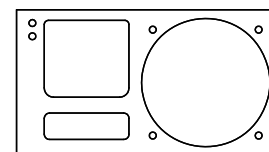
PLANK



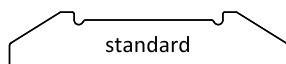
63601 X1



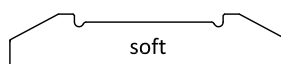
63602 X1



63603 X1

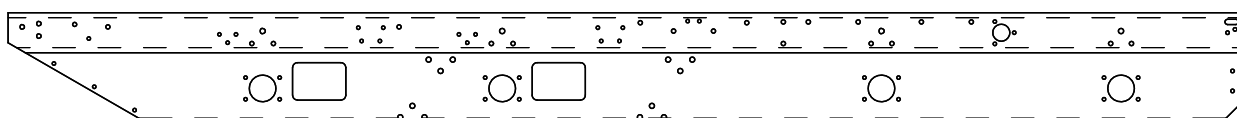


63604 X1

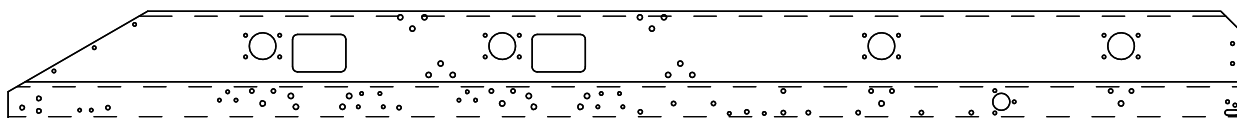


63605 X1

FRAMES

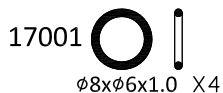
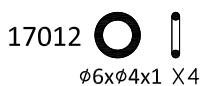


43307 X1



43308 X1

DAMPER

 $\phi 8 \times \phi 6 \times 1.0$ X4 $\phi 6 \times \phi 4 \times 1$ X4

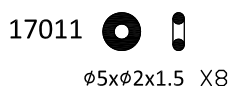
203505 X4



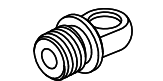
41401 X4



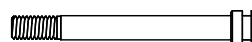
41402 X4

 $\phi 5 \times \phi 2 \times 1.5$ X8

41336 X8



203508 X4

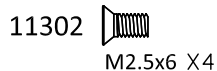


41403 X4

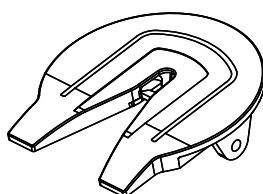


41307 X4

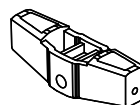
FIFTH-WHEEL



M2.5x6 X4



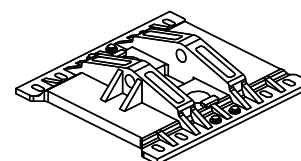
33301 X1



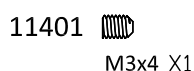
33302 X1



41354 X2



33303 X1



M3x4 X1



41355 X1



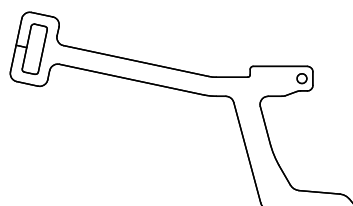
41356 X1



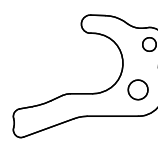
41410 X1



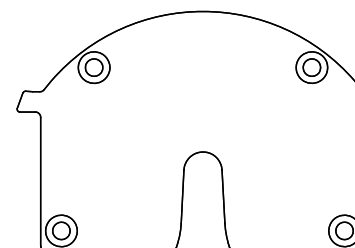
M3x12 X2



45103 X1

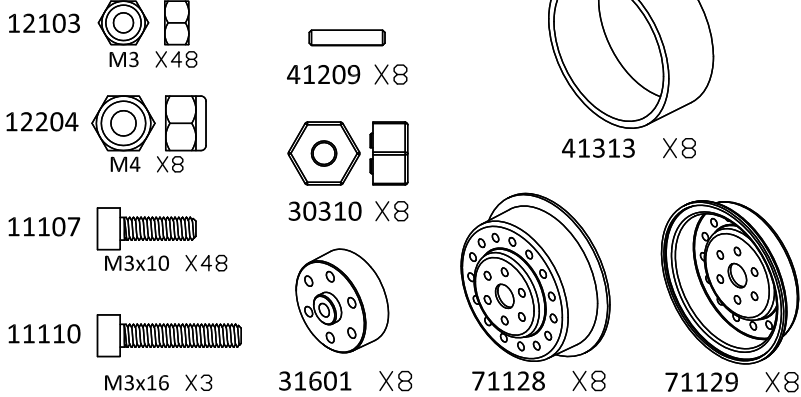


45104 X1

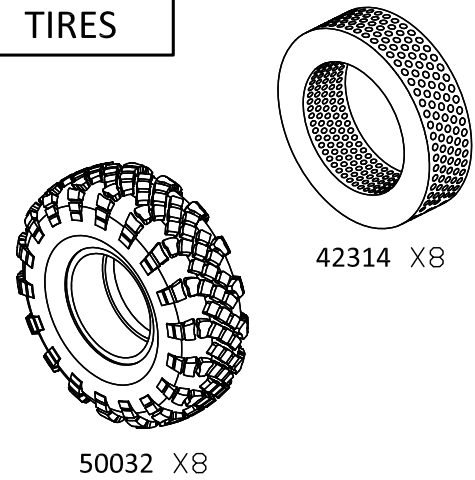


71139 X1

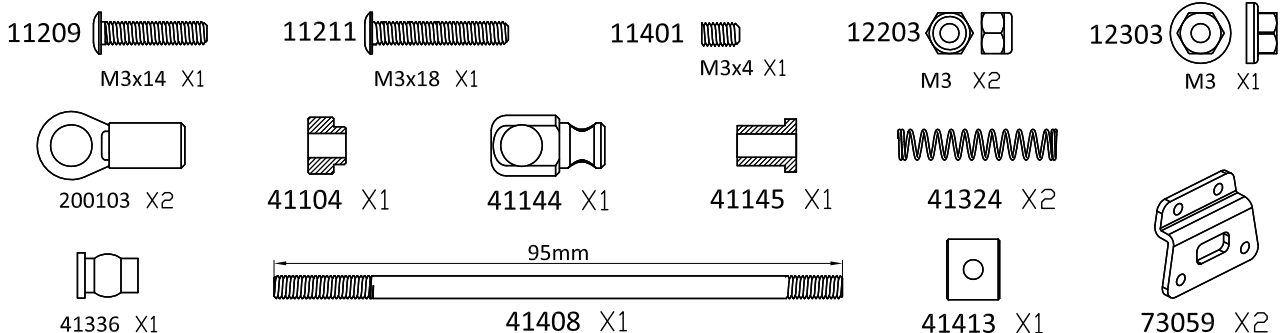
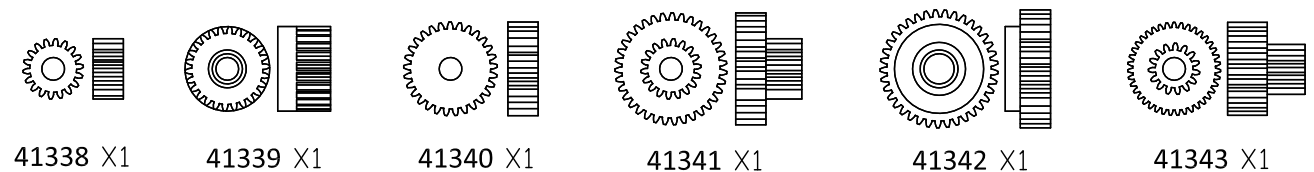
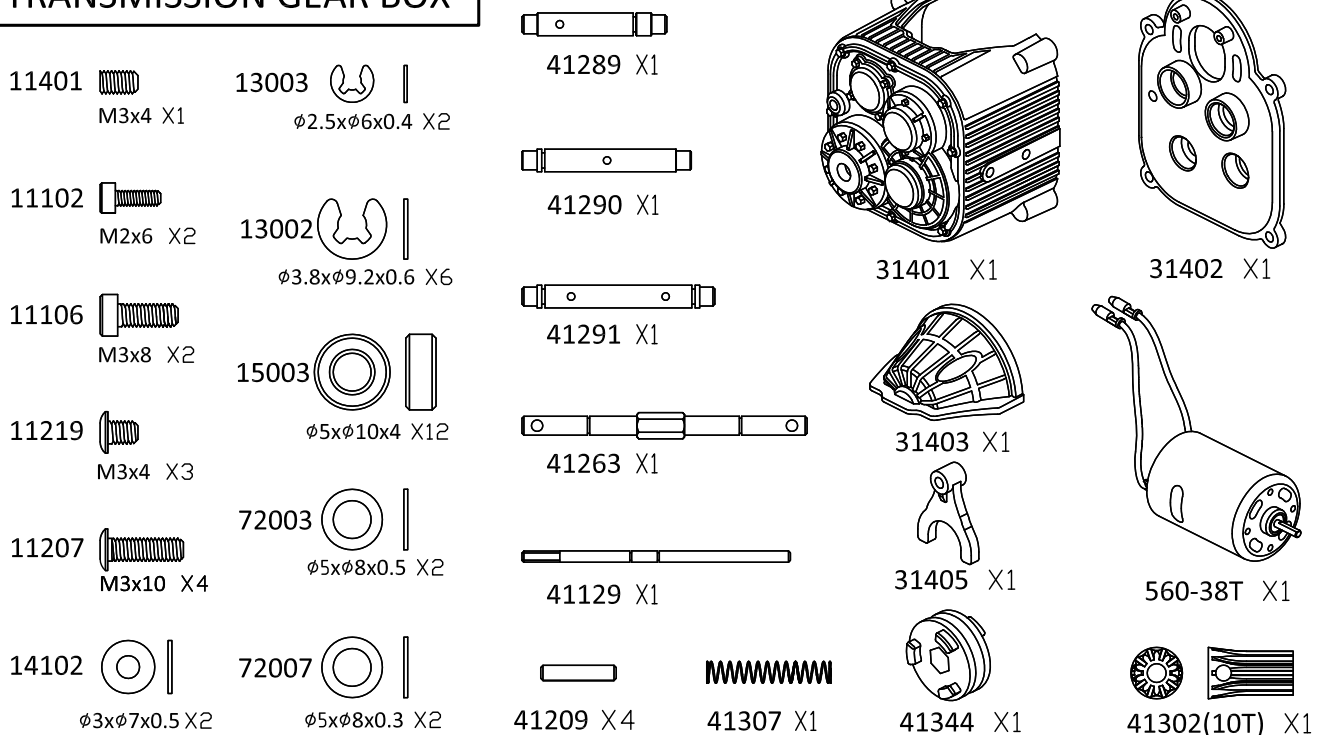
WHEELS




TIRES



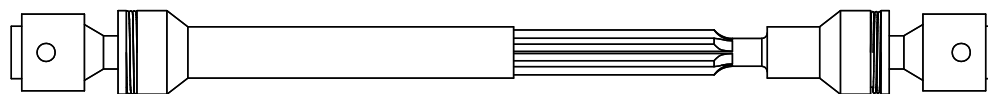
TRANSMISSION GEAR BOX



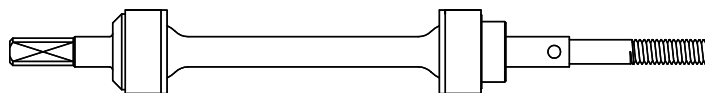
DRIVE SHAFTS

11402 

M3x10 X4

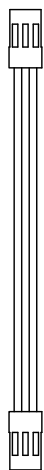


95021 X2

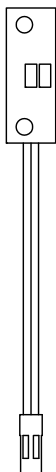


95038 X8

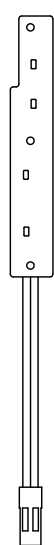
LIGHTING SYSTEM



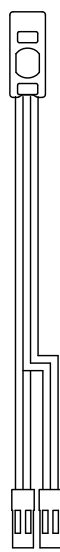
86018 X4



87053 X1



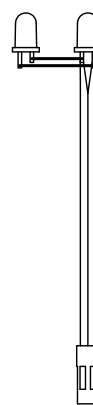
87071 X1



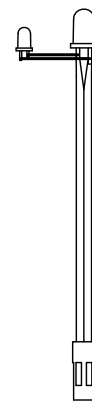
87072 X2



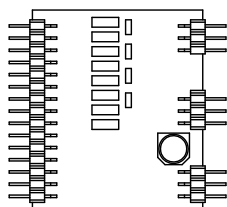
87073 X1



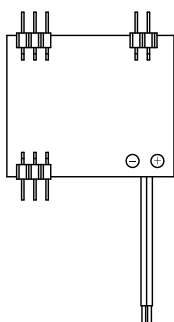
87074 X1



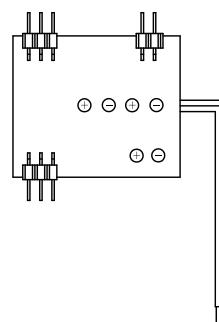
87075 X2



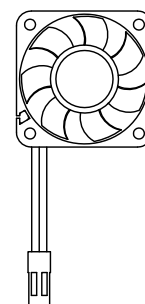
87030 X1



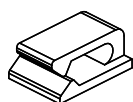
87076 X1



87077 X1



96008 X1



13101 X10



201403 X1



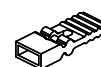
201703 X1



201704 X1





201705 X1



91002 X1

BAG(A)

13004  $\phi 2 \times \phi 5.5 \times 0.4 \times 4$

13002  $\phi 3.8 \times \phi 9.2 \times 0.6 \times 42$



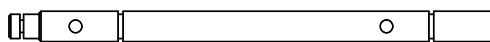
41209 X4




41259 X6

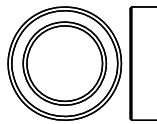


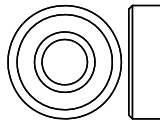
41406 X2

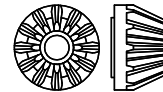


41407 X4

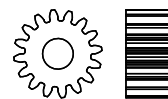
15003  $\phi 5 \times \phi 10 \times 4 \times 20$

15004  $\phi 10 \times \phi 15 \times 4 \times 16$


15008  $\phi 6 \times \phi 15 \times 5 \times 2$

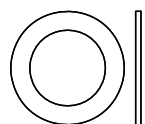


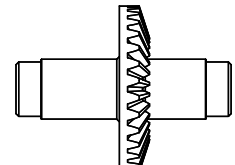
31702 X4



41254 X6


72007  $\phi 5 \times \phi 8 \times 0.3 \times 30$


72008  $\phi 10.2 \times \phi 15 \times 0.2 \times 8$

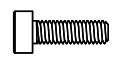



31703 X4


BAG(B)


12203  M3 X48


11106  M3x8 X24


11107  M3x10 X8


11111  M3x18 X8


11127  M2.5x7 X32


11131  M2.5x14 X8

11202  M2x6 X19

11206  M3x8 X41


11207  M3x10 X38


11209  M3x14 X4


11210  M3x16 X8


11212  M3x20 X4


11213  M3x22 X4


11214  M3x25 X4


11216  M2.5x6 X16


11217  M2.5x10 X16


11218  M2.5x4 X9


11223  M3x30 X16


11224  M2.5x14 X11


11227  M2.5x8 X98


11303  M3x8 X40

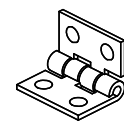
11801  ST1.4x6 X2

11802  ST1.4x4 X76

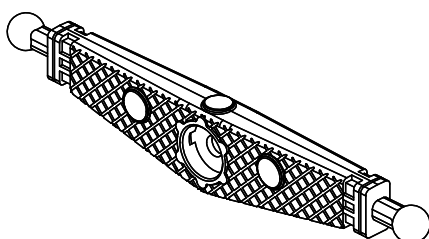
12001  M2x6 X8

12002  M2x10 X18

14102  $\phi 3 \times \phi 7 \times 0.5 \times 14$



94013 X18

BAG(C)

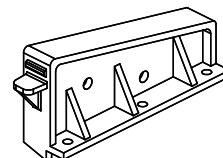
33201 X2



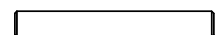
30104 X2



33202 X2



33304 X1



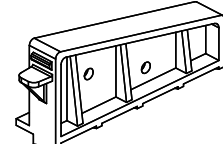
41411 X2



33203 X2



33204 X2

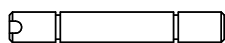


33305 X1

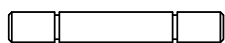


50029 X4

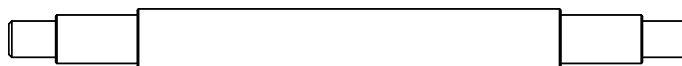
BAG(D)



41404 X8



41405 X8



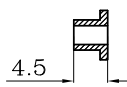
41409 X1



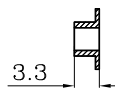
41205 X8



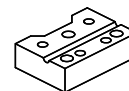
41414 X20



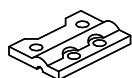
41415 X2



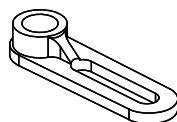
41416 X8



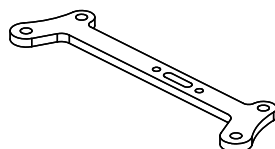
41350 X8



41352 X8



41417 X2



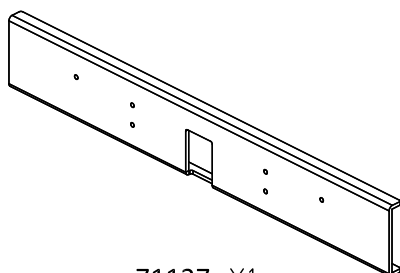
45101 X2



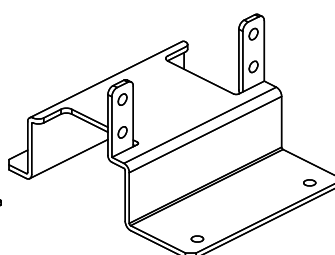
45102 X2



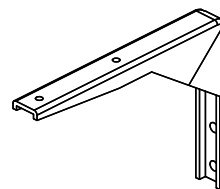
71100 X4



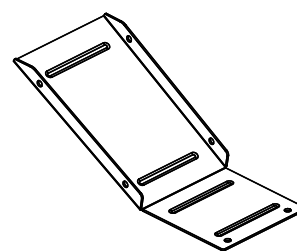
71127 X1



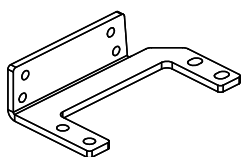
71130 X1



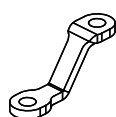
71131 X2



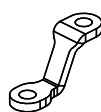
71132 X1



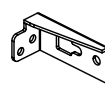
71133 X2



71134 X2



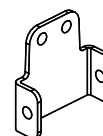
71135 X2



71136 X1



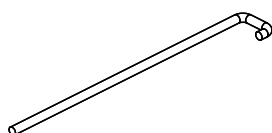
71137 X1



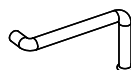
71138 X2



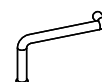
71140 X2



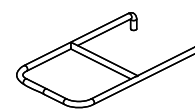
71141 X4



71142 X1



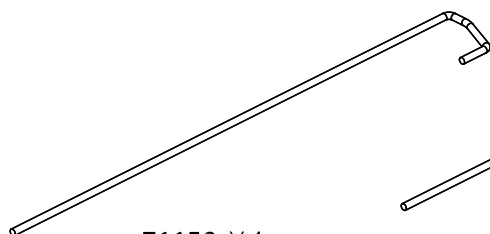
71148 X1



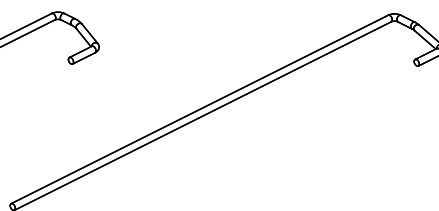
71149 X2



71161 X8



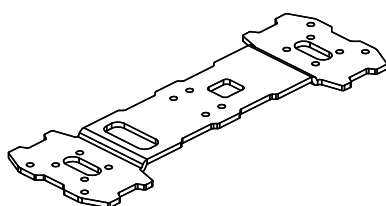
71150 X4



71151 X4



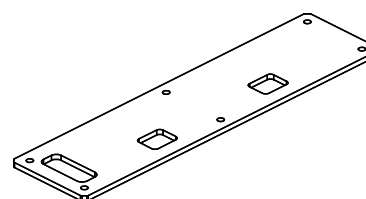
71152 X2



73058 X2

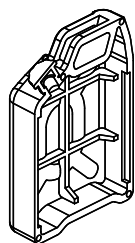


73060 X2

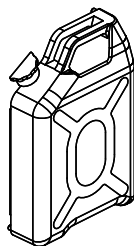


73063 X1

BAG(E)



21017 X2



21019 X2



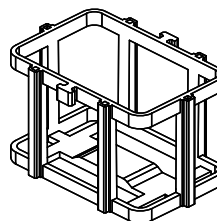
21021 X2



21023 X2



200311 X2

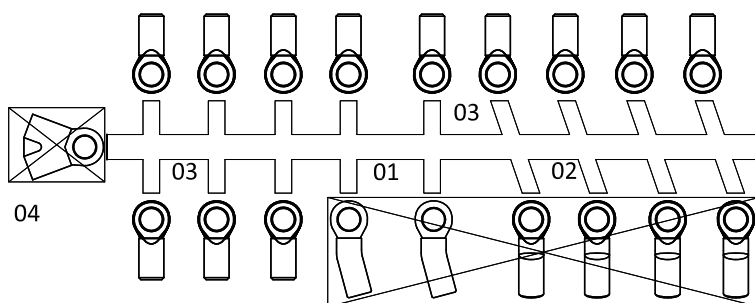


201204 X2



17013 X2

No.2001



2001 X1

11406 

M3x12 X8

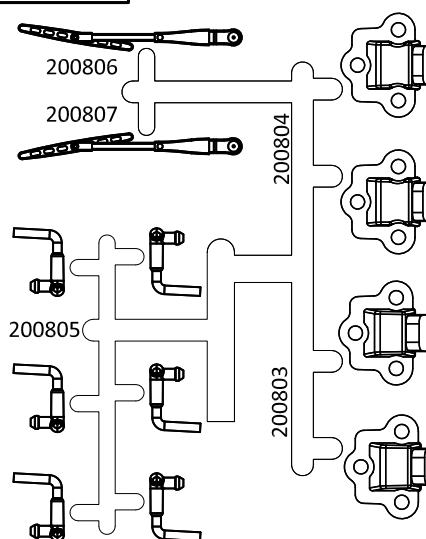


41336 X8



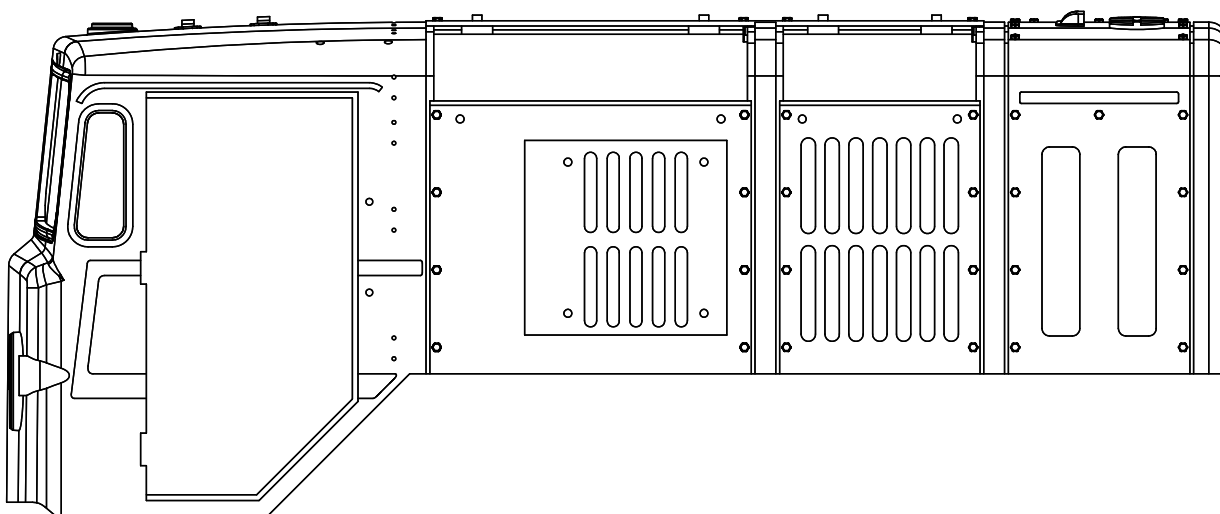
41412 X4

No.2008



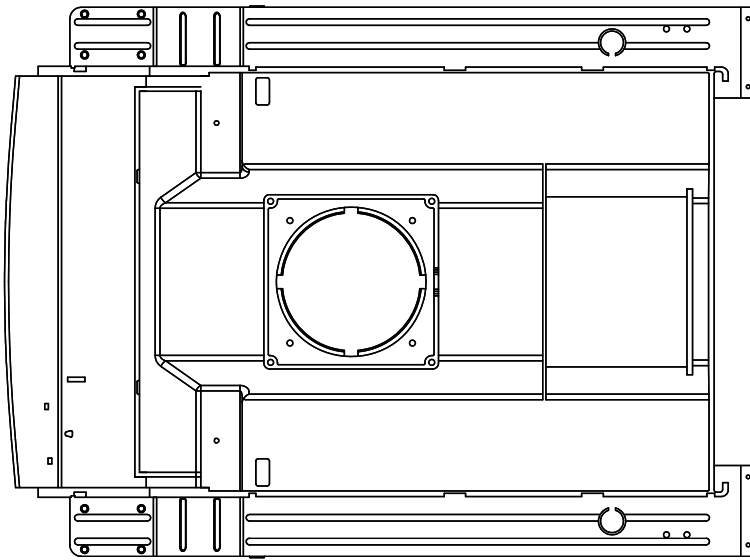
2008 X2

No.2026



202601 X1

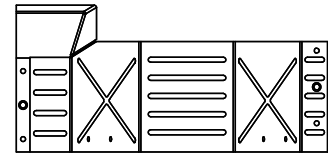
No.2027



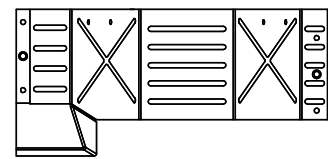
202701 X1



202702 X1

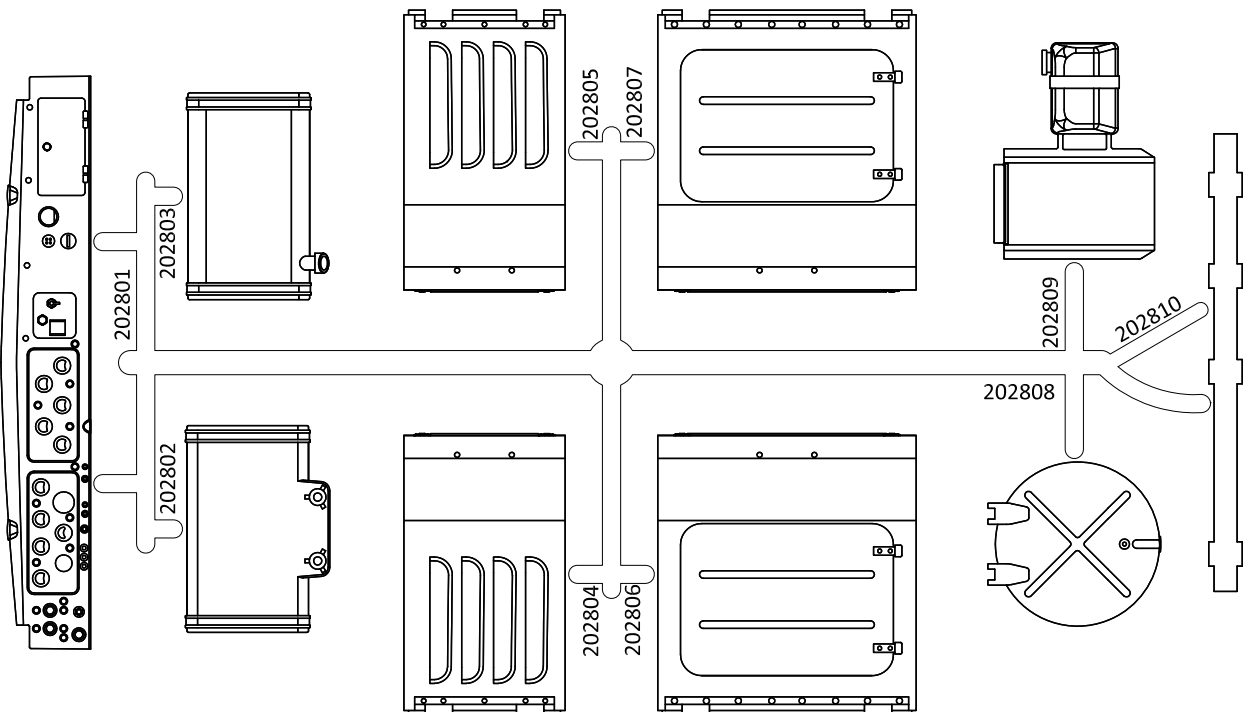


202703 X1



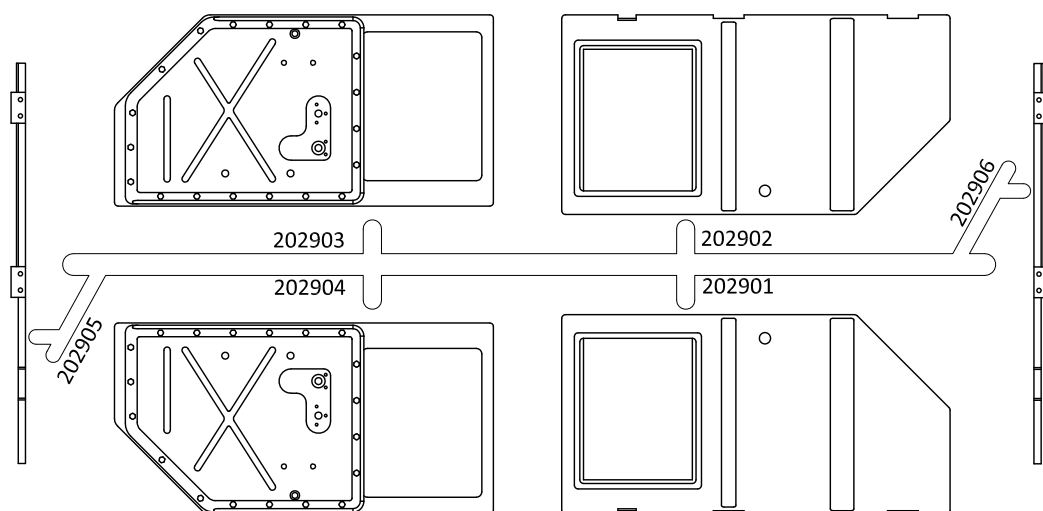
202704 X1

No.2028



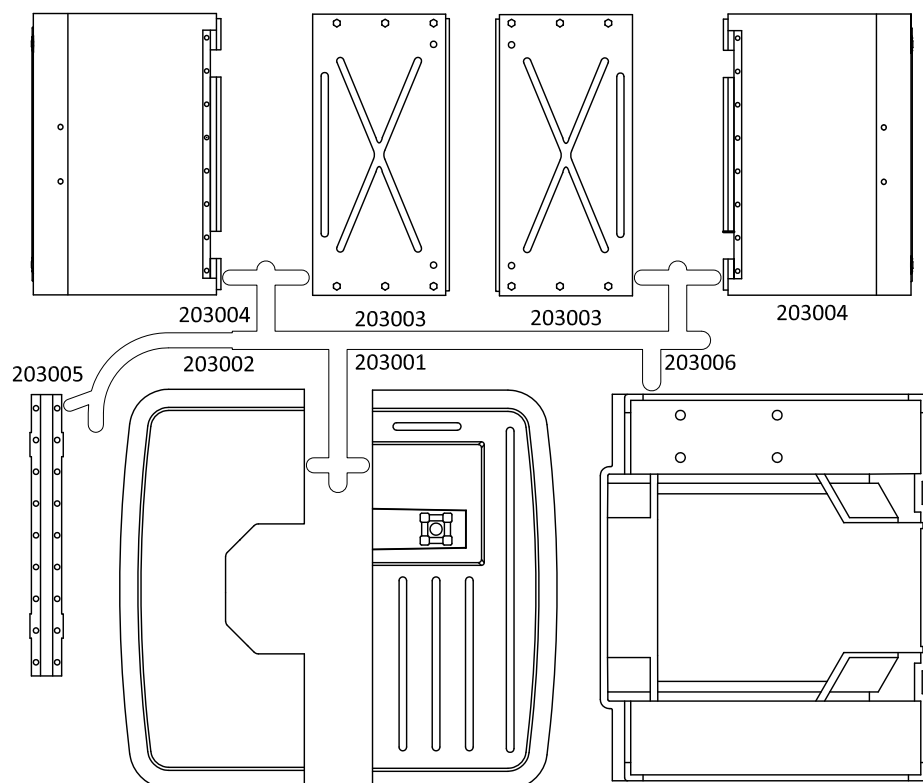
2028 X1

No.2029



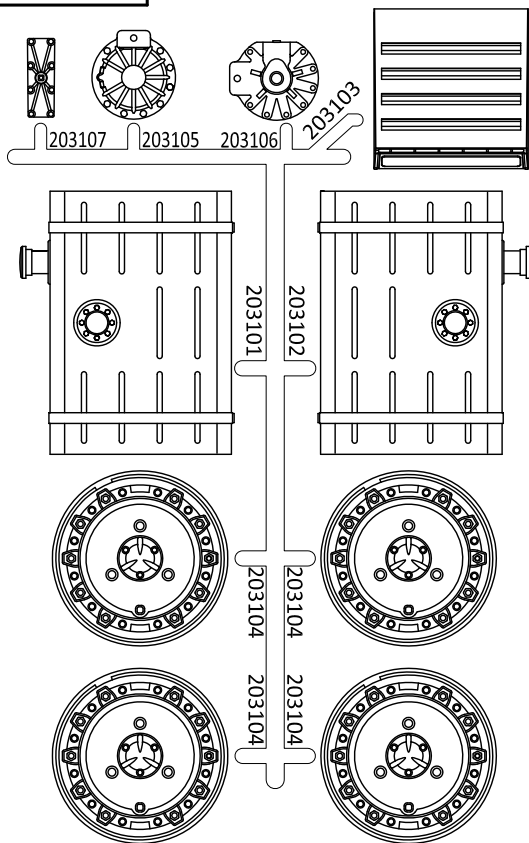
2029 X1

No.2030



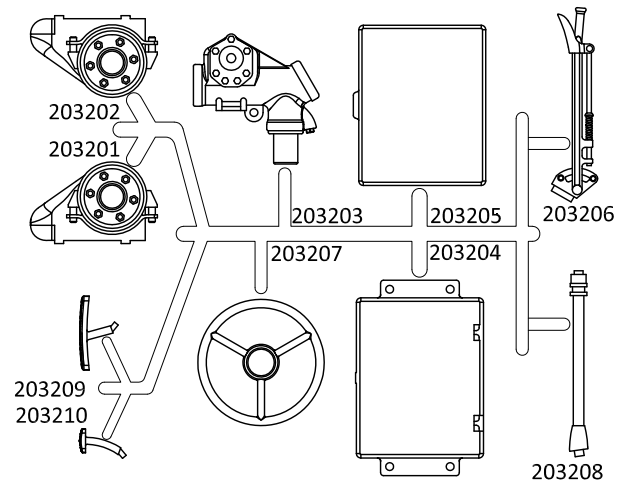
2030 X1

No.2031



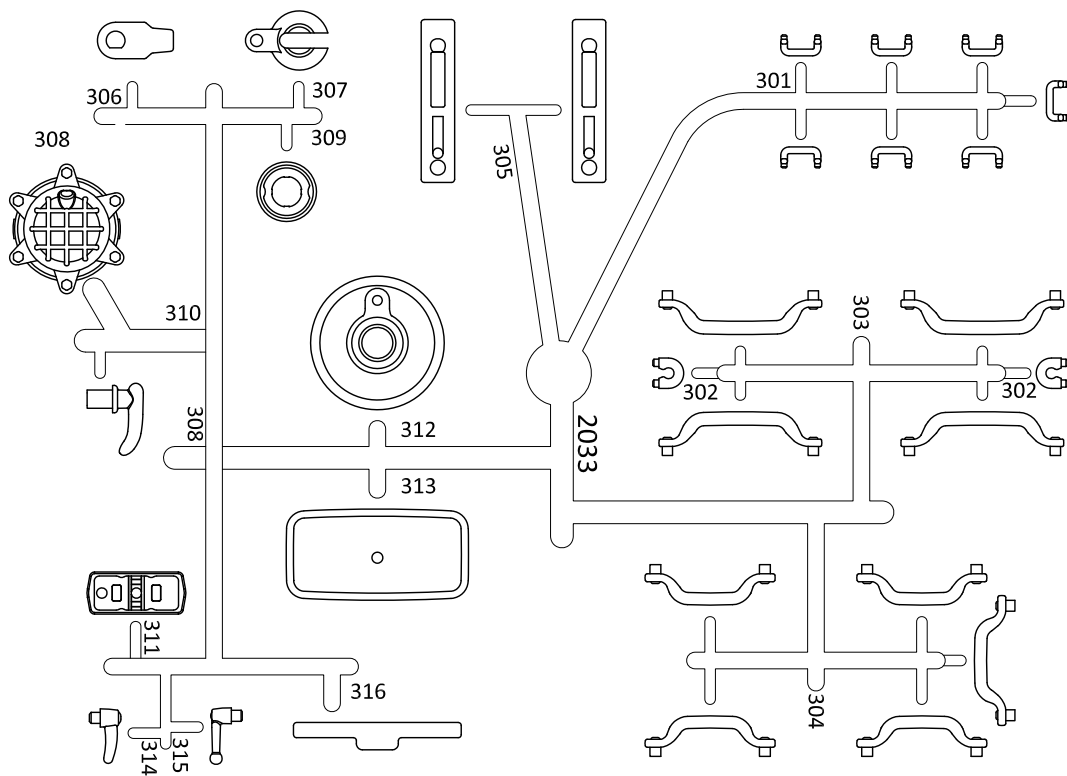
2031 X2

No.2032

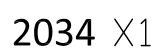


2032 X1

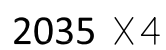
No.2033



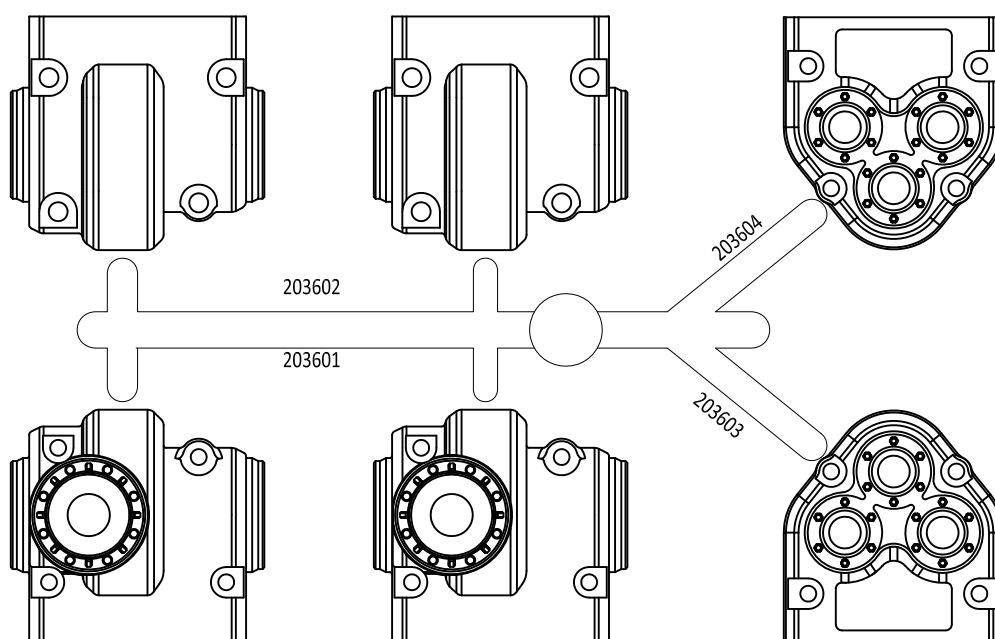
2033 X2+1



No.2035

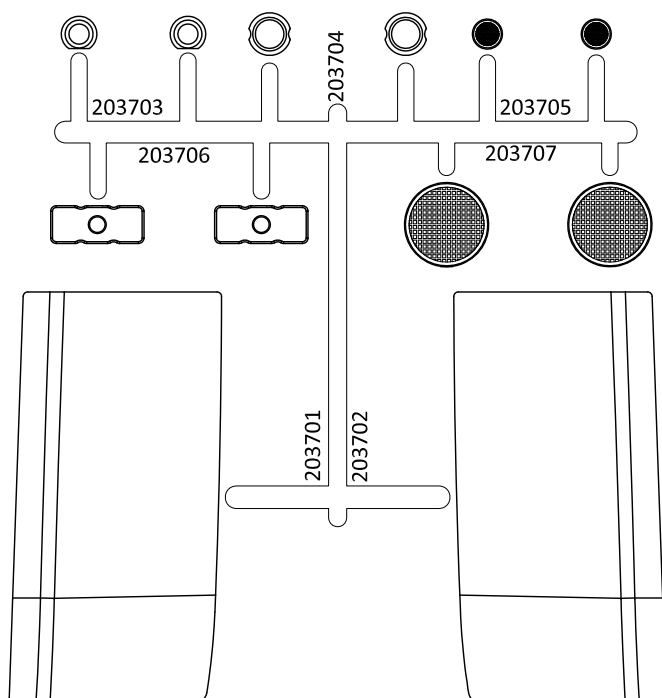


No.2036



2036 X2

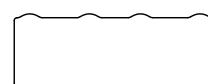
No.2037



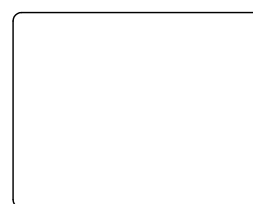
2037 X1



63607 X1



63608 X1

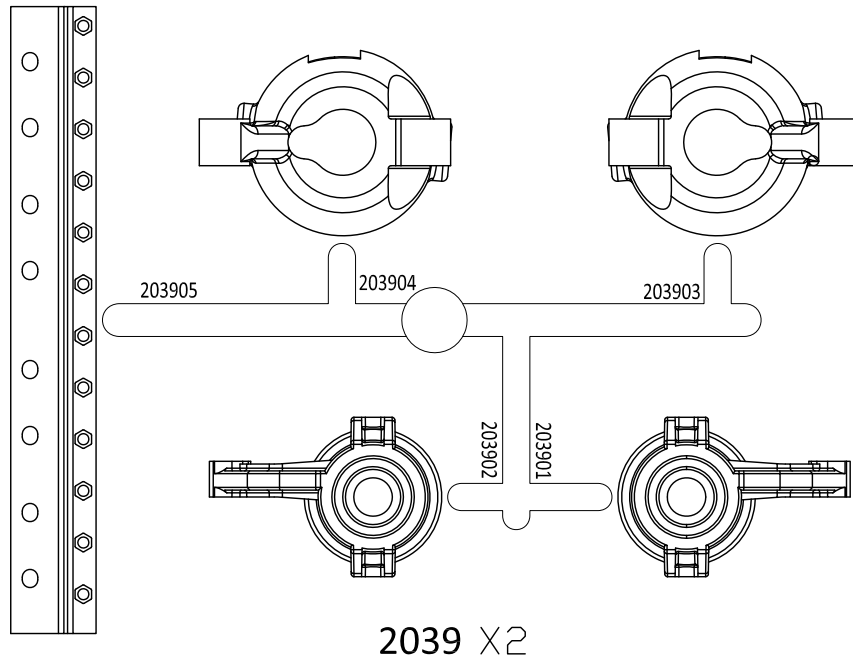


63609 X2

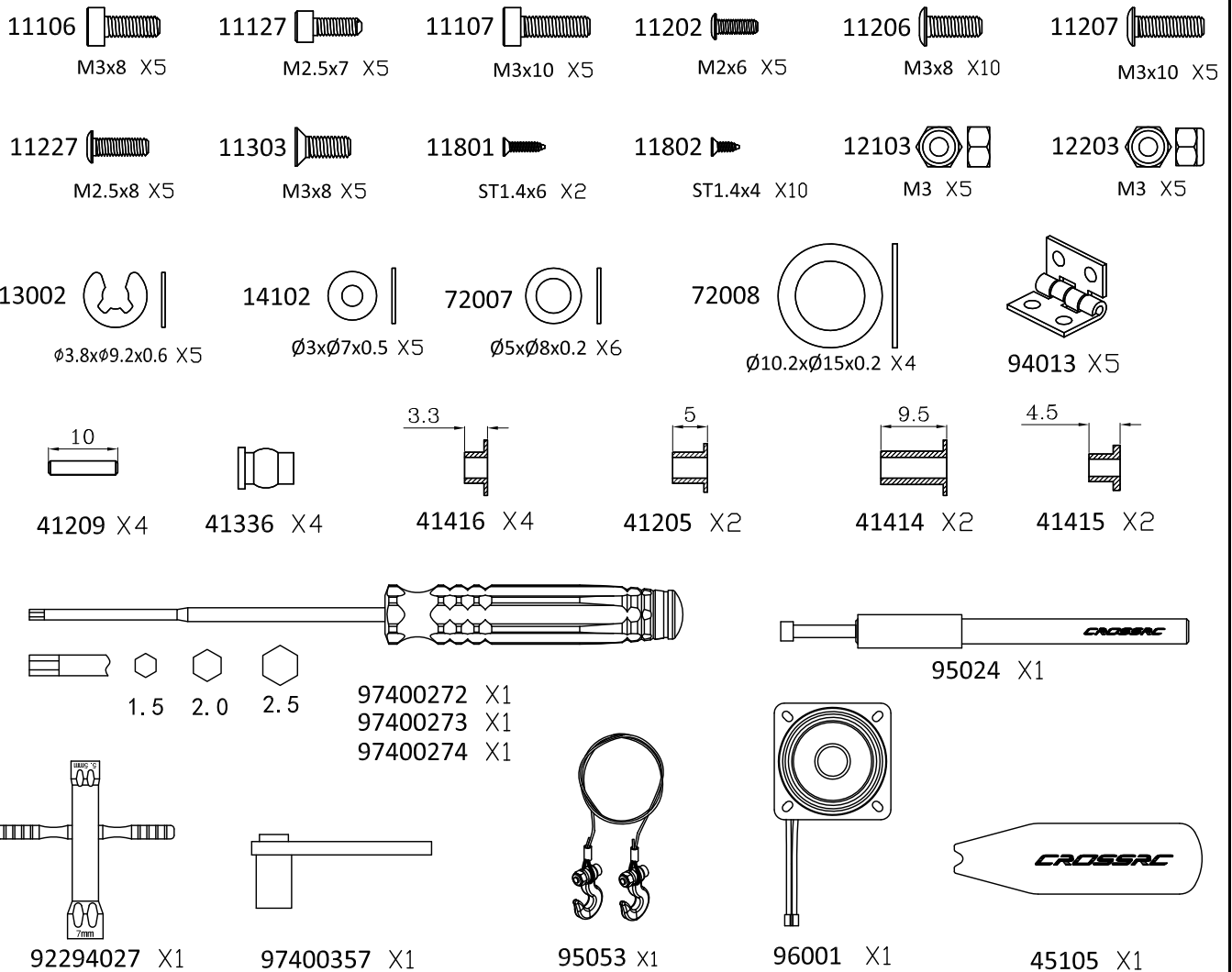


63610 X2


No.2039





GIFT

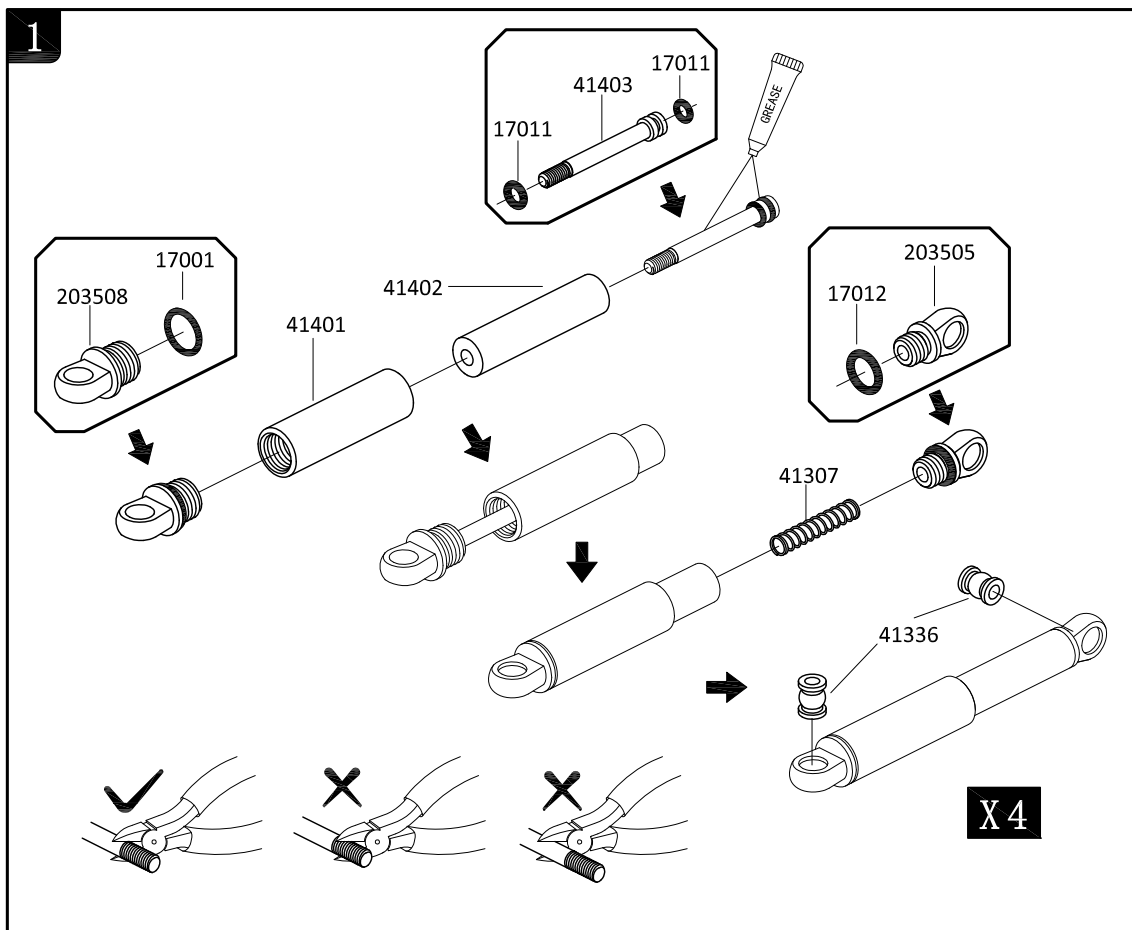


1


17001  $\phi 8 \times \phi 6 \times 1.0$ X4


17011  $\phi 5 \times \phi 2 \times 1.5$ X8


17012  $\phi 6 \times \phi 4 \times 1$ X4

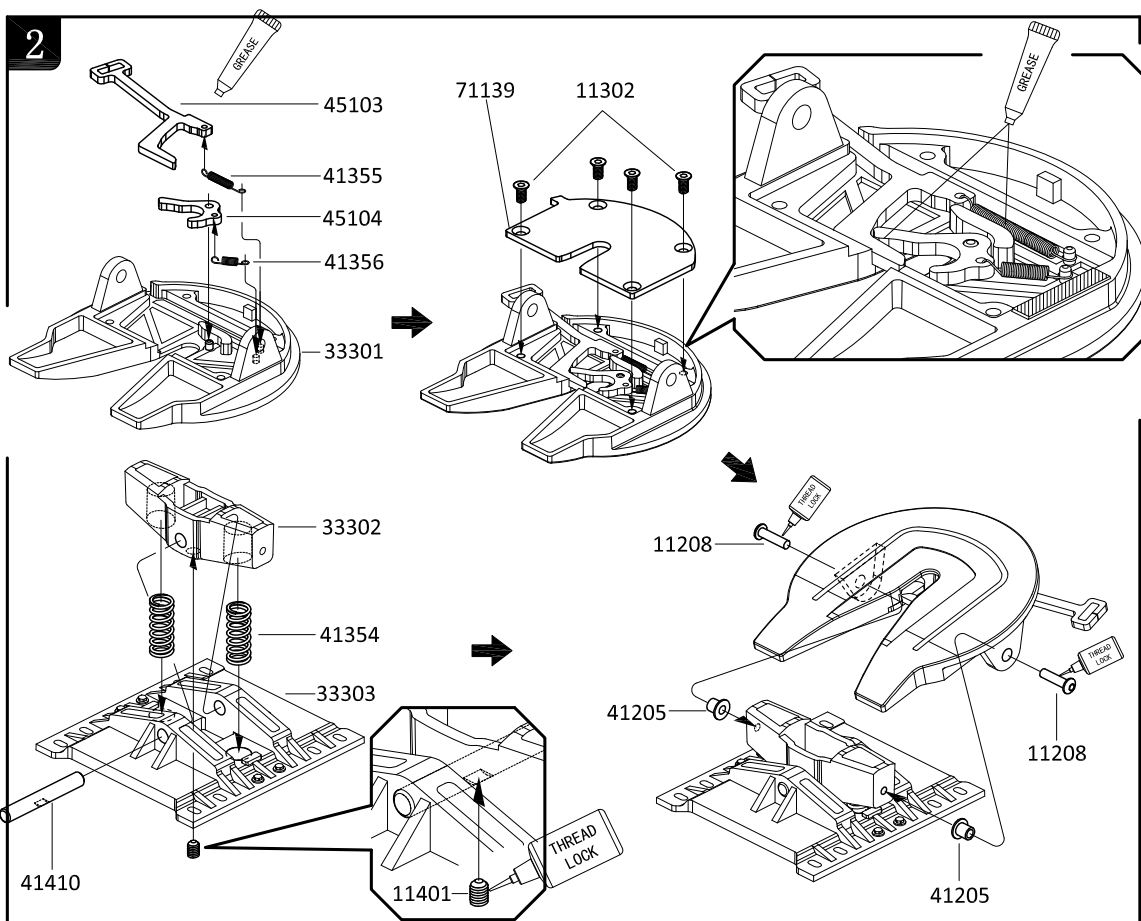


2

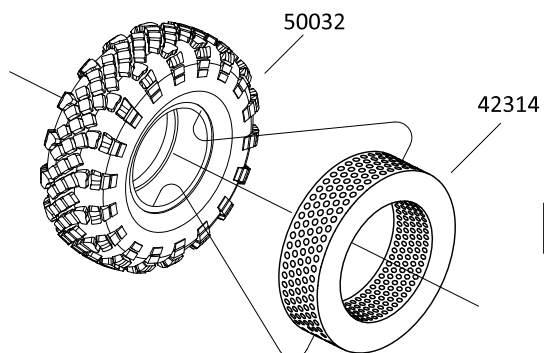
11302  M2.5x6 X4

11401  M3x4 X1

11208  M3x12 X2




3

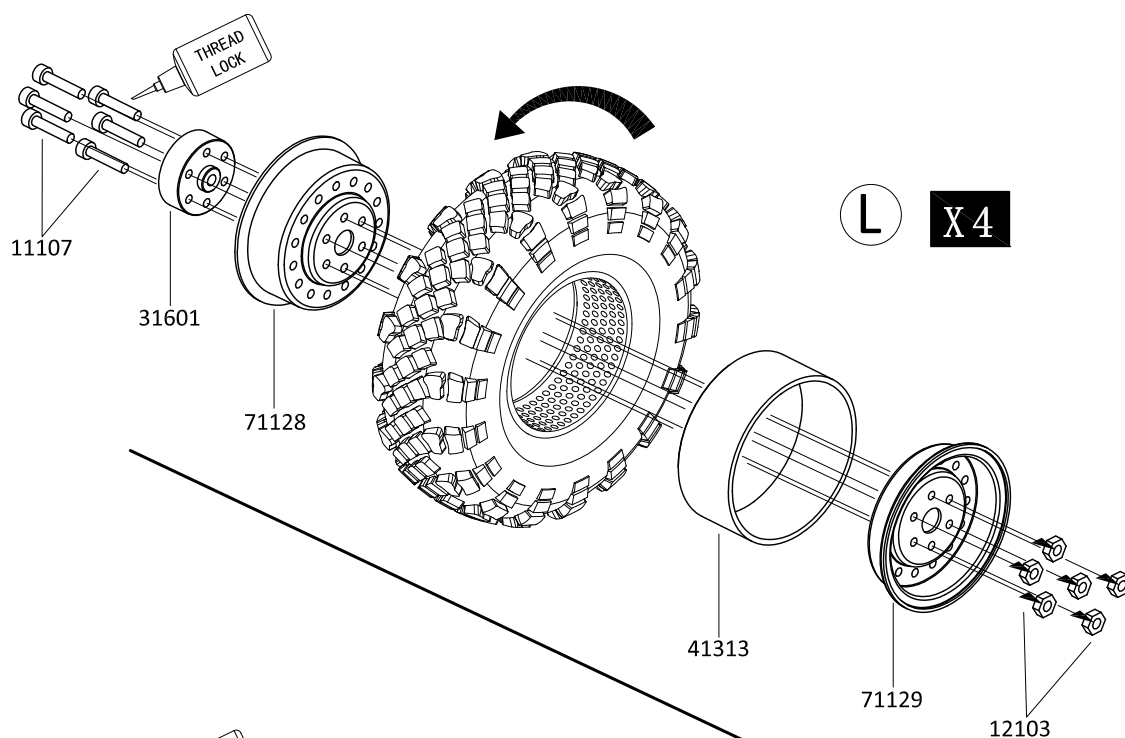


X8

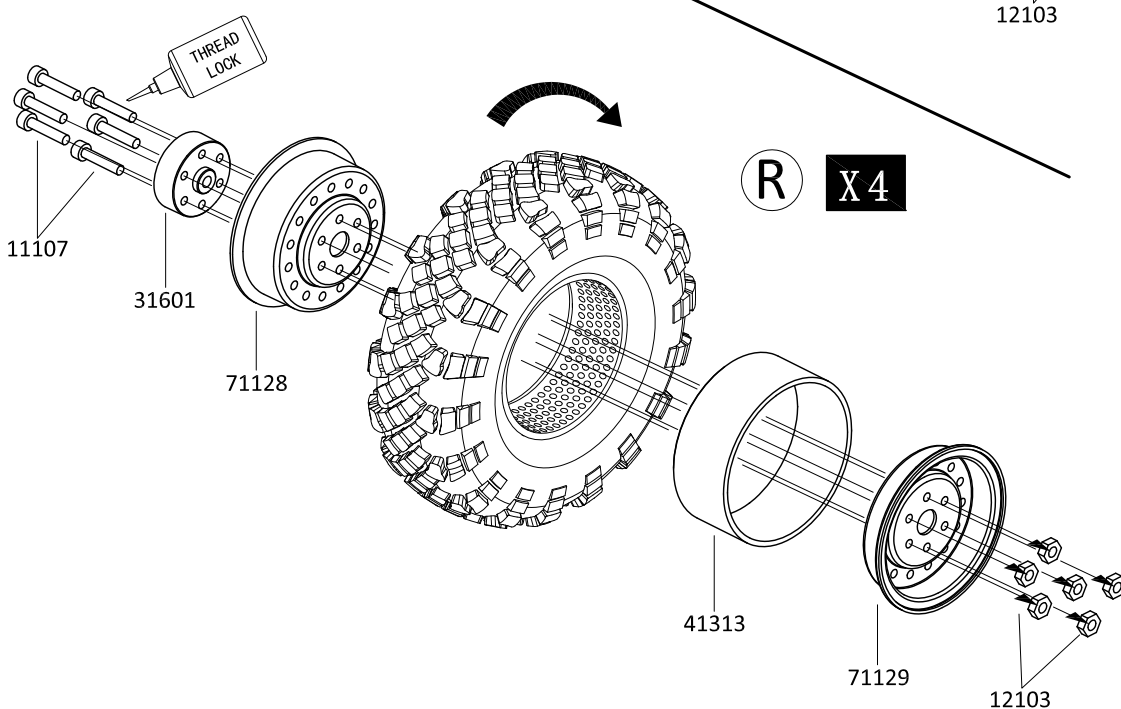
4

12103  M3 X48

11107  M3x10 X48





L X4




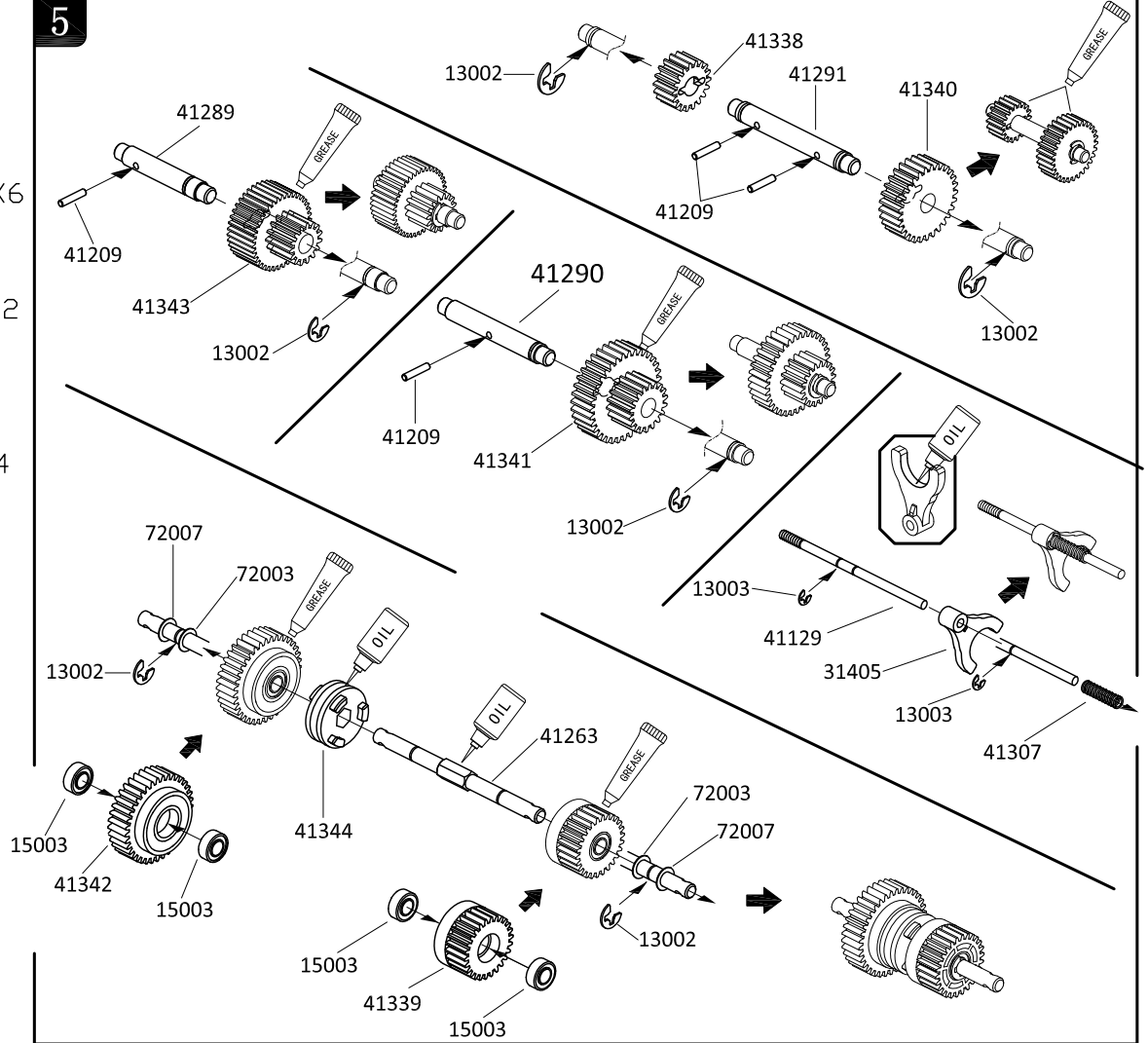
R X4

5


13002  $\phi 3.8 \times \phi 9.2 \times 0.6 \times 6$


13003  $\phi 2.5 \times \phi 6 \times 0.4 \times 2$


15003  $\phi 5 \times \phi 10 \times 4 \times 4$

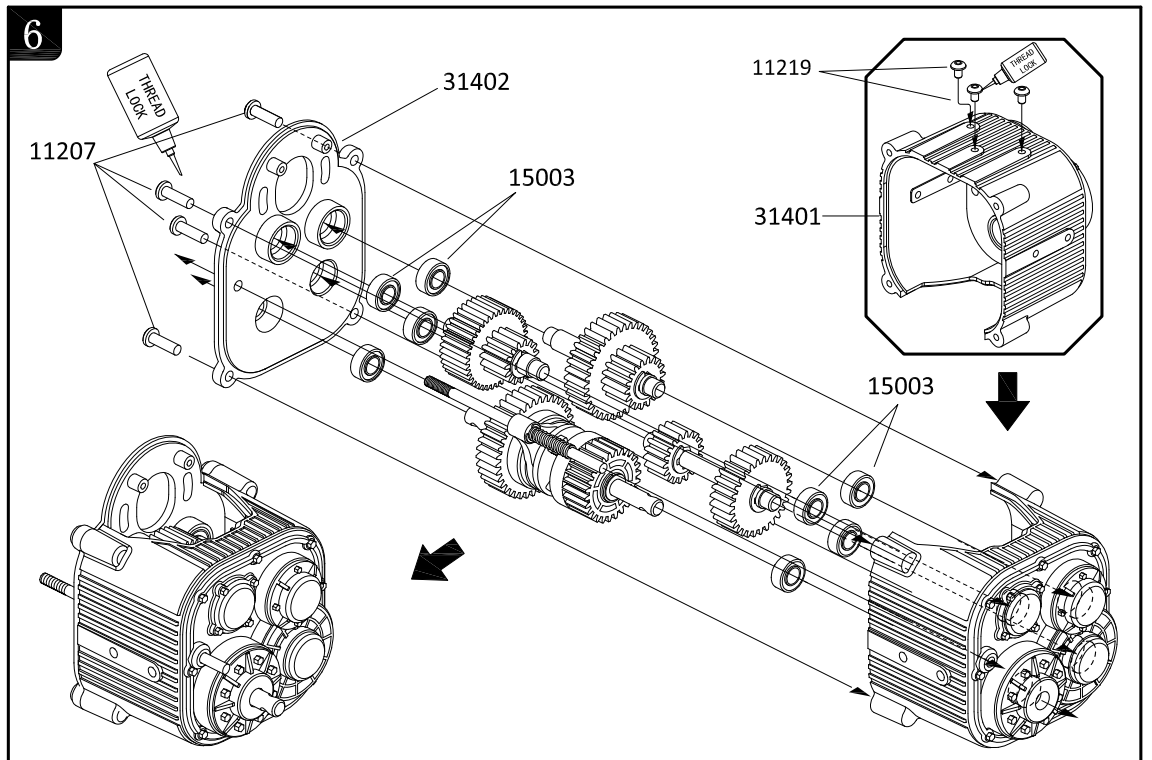


6





11219  M3x4 X3

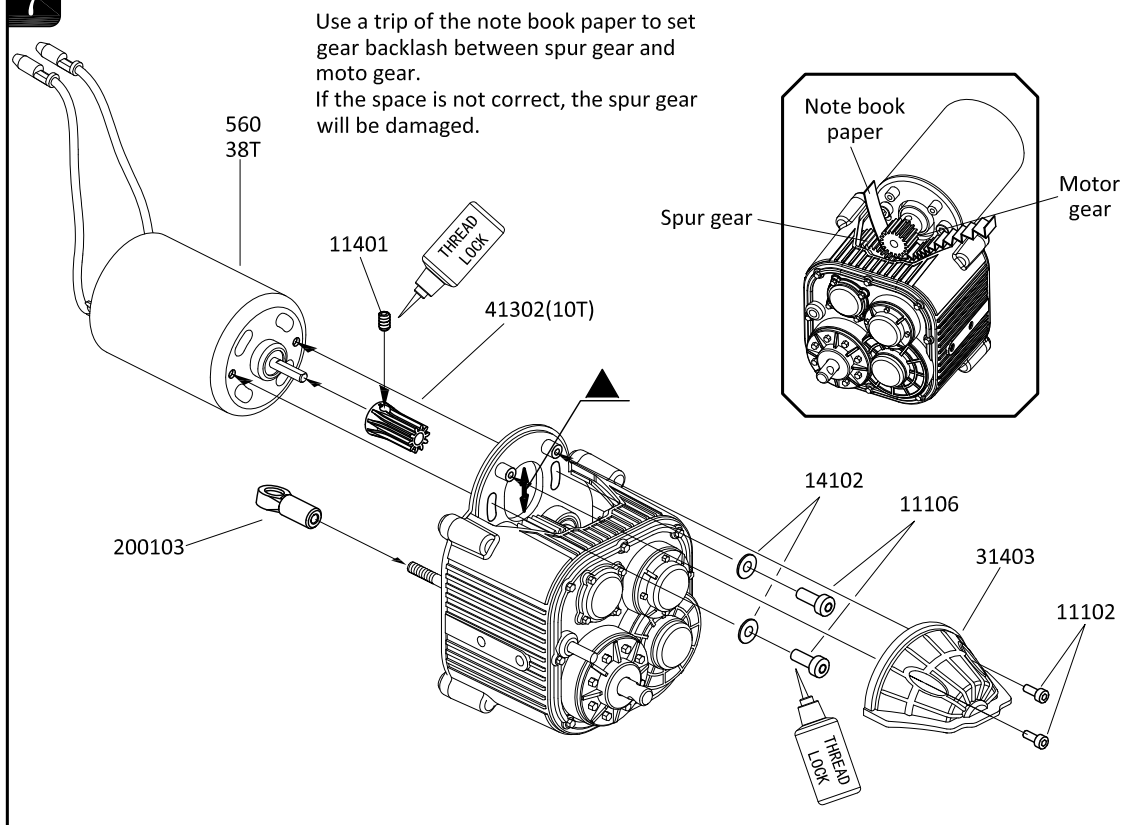
11207  M3x10 X4

15003  $\phi 5 \times \phi 10 \times 4 \times 8$



7

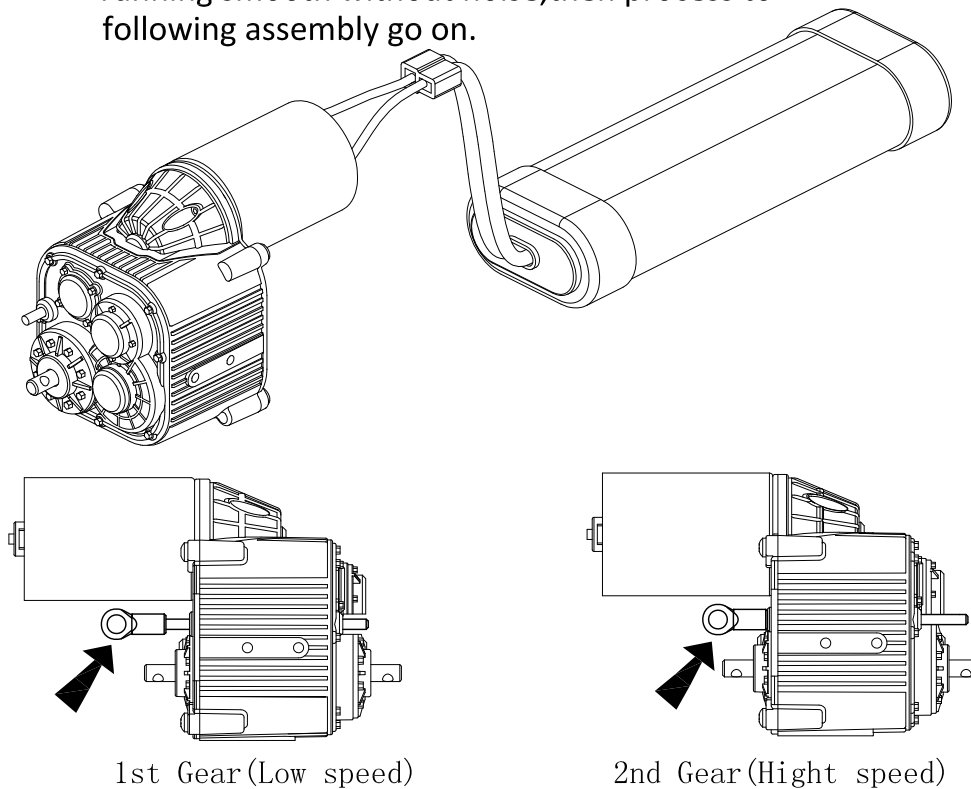
- 11401  M3x4 X1
- 11102  M2x6 X2
- 11106  M3x8 X2
- 14102  $\phi 3 \times \phi 7 \times 0.5 \times 2$




8


NOTE:


Get power test after assembly finish and adjust gear meshing clearance for make sure gear box running smooth without noise, then process to following assembly go on.





9

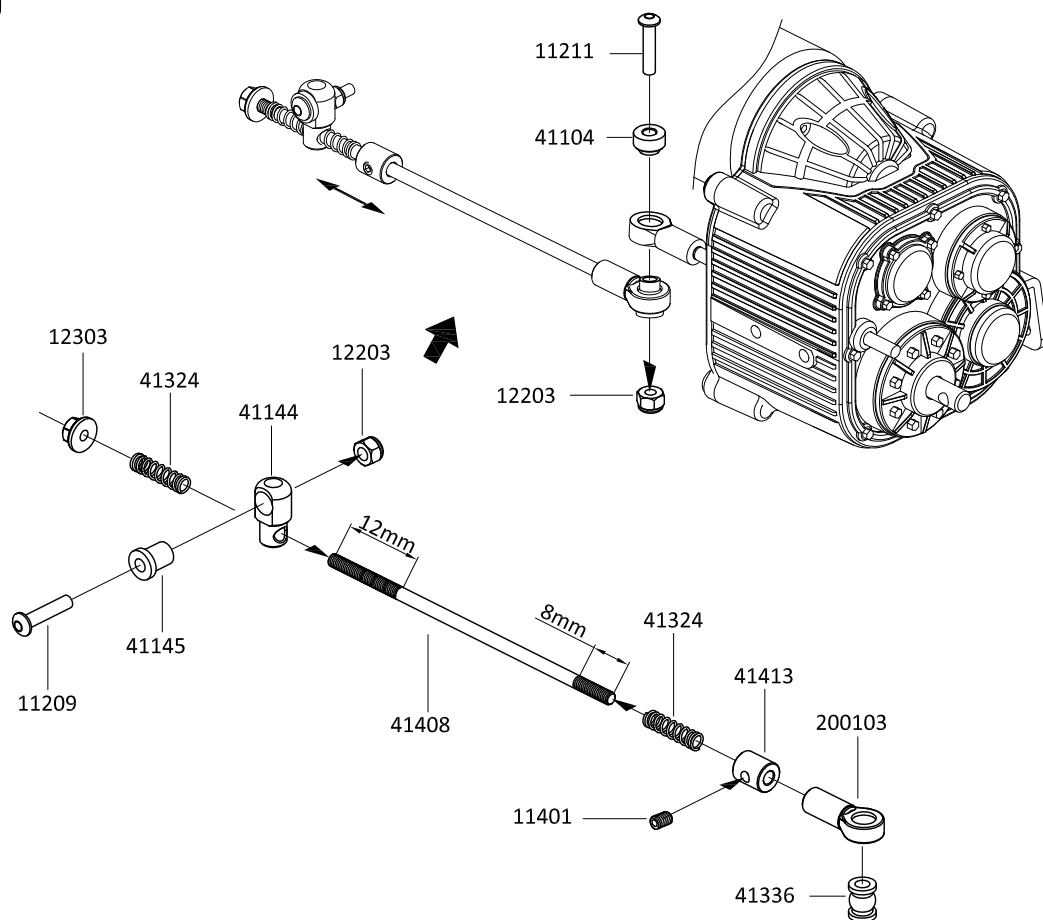
12203 
M3 X2

12303 
M3 X1


11209 
M3x14 X1

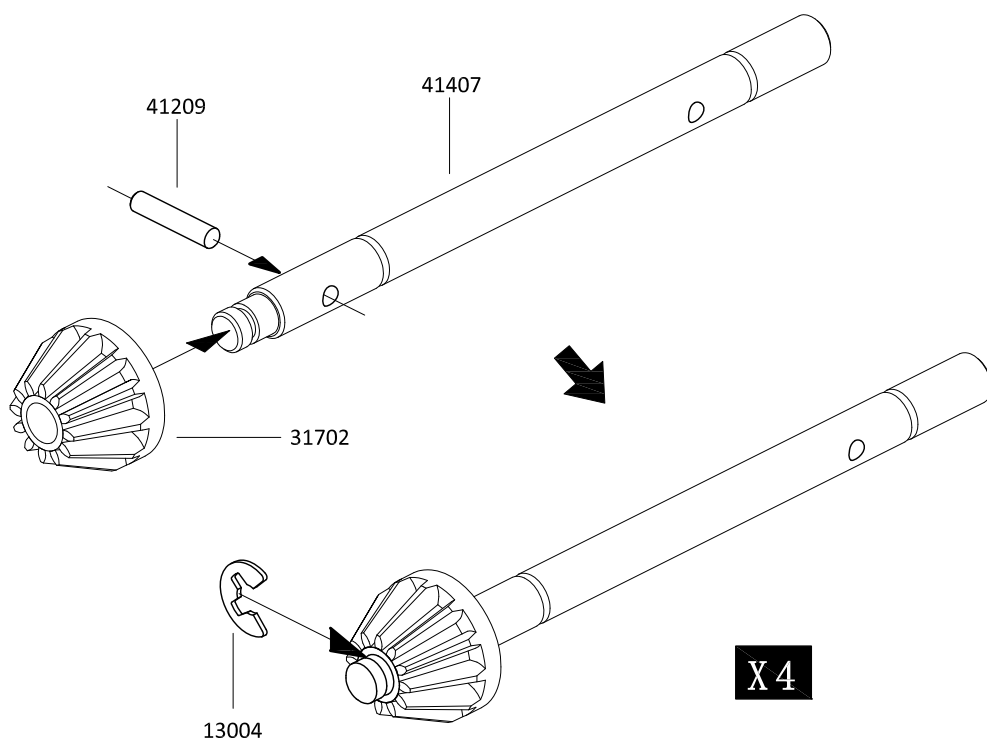
11211 
M3x18 X1

11401 
M3x4 X1





10

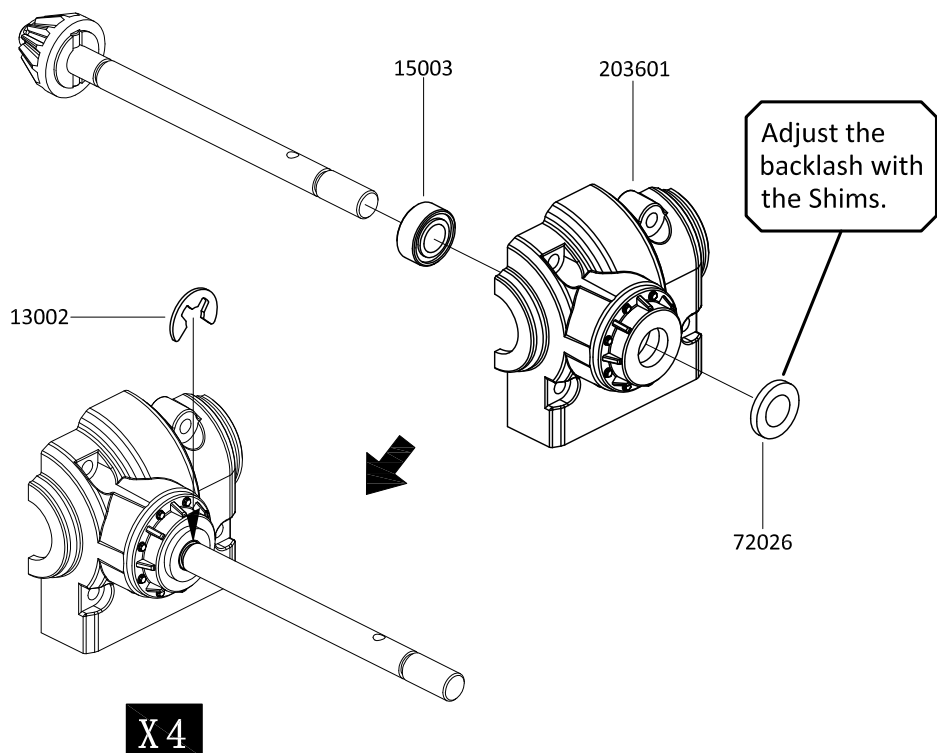
13004 
 $\phi 2 \times \phi 5.5 \times 0.4 \times 4$




11


13002 
 $\phi 3.8 \times \phi 9.2 \times 0.6$ X4


15003 
 $\phi 5 \times \phi 10 \times 4$ X4

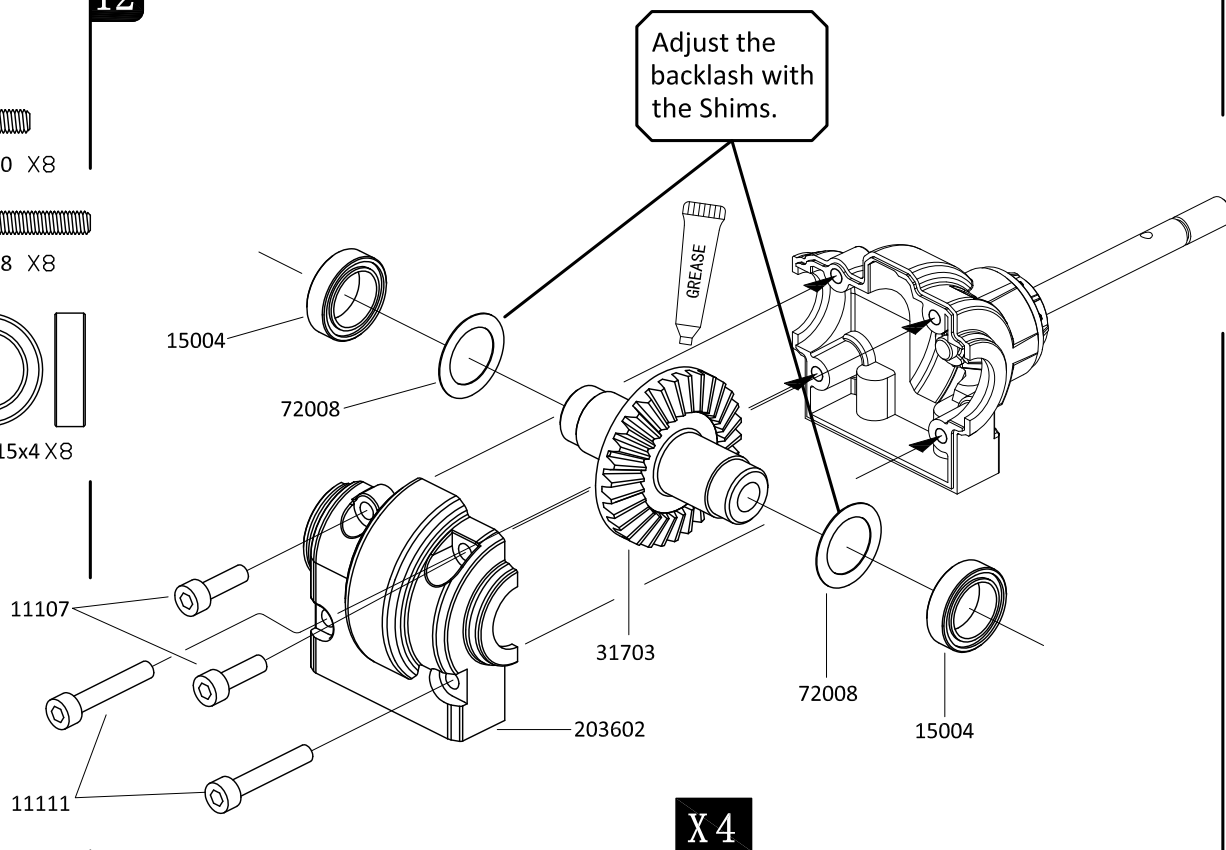



12


11107 
M3x10 X8

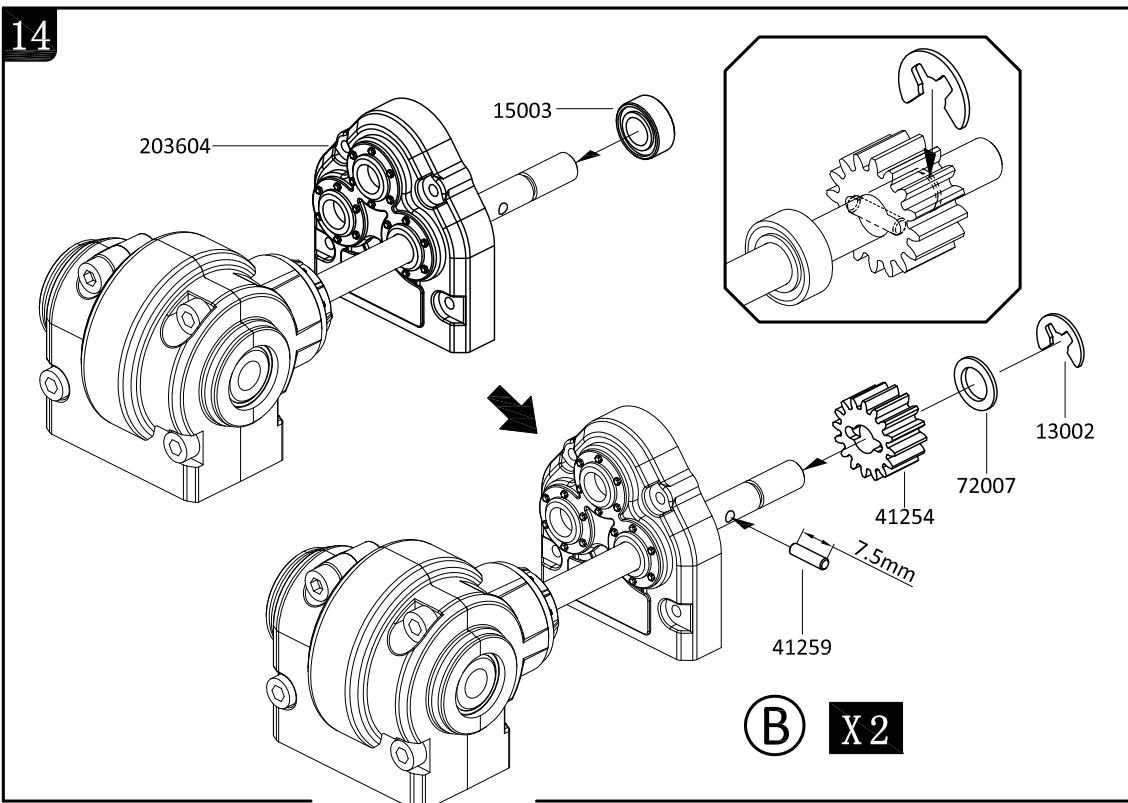
11111 
M3x18 X8


15004 
 $\phi 10 \times \phi 15 \times 4$ X8




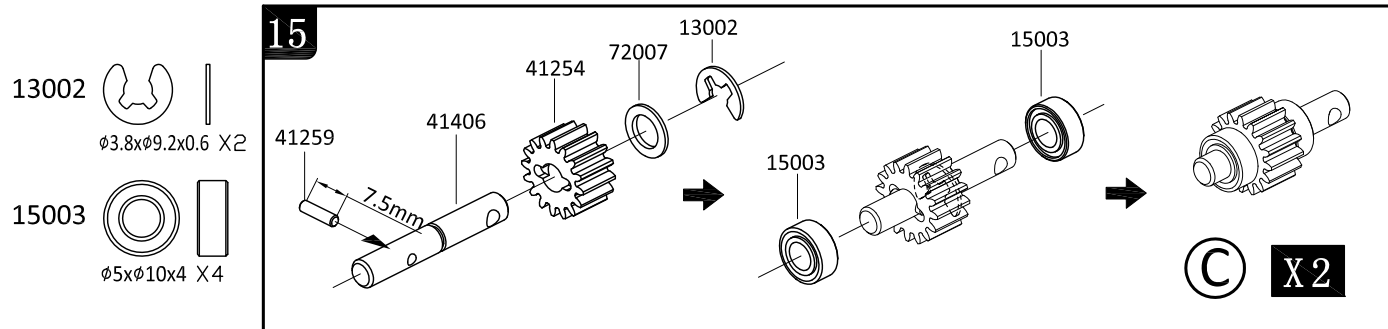
13002 
ø3.8x9.2x0.6 X2


15003 
 $\phi 5 \times \phi 10 \times 4$ X2




13002 
ø3.8ø9.2x0.6 X2


15003 
 $\phi 5 \times \phi 10 \times 4$ X2

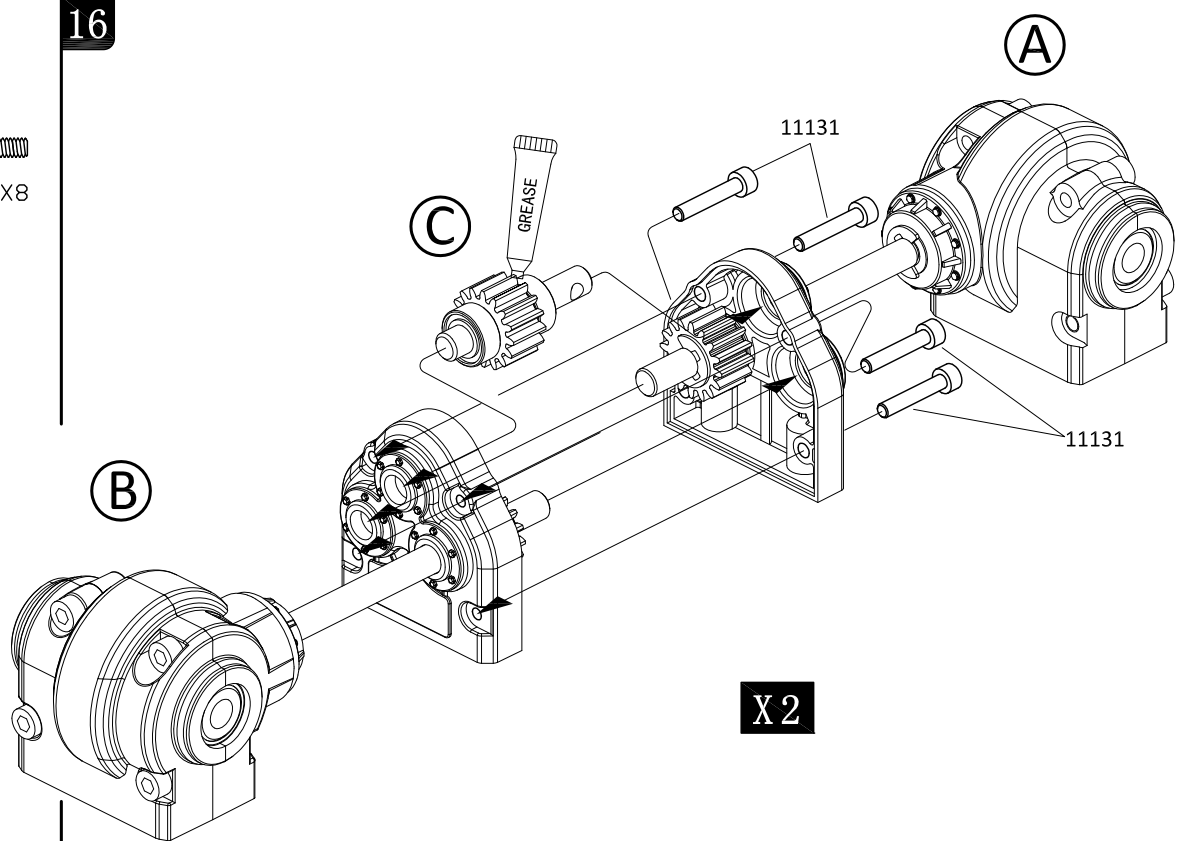


13002 
ø3.8xø9.2x0.6 X2


15003 
 $\varnothing 5 \times \varnothing 10 \times 4$ X 4

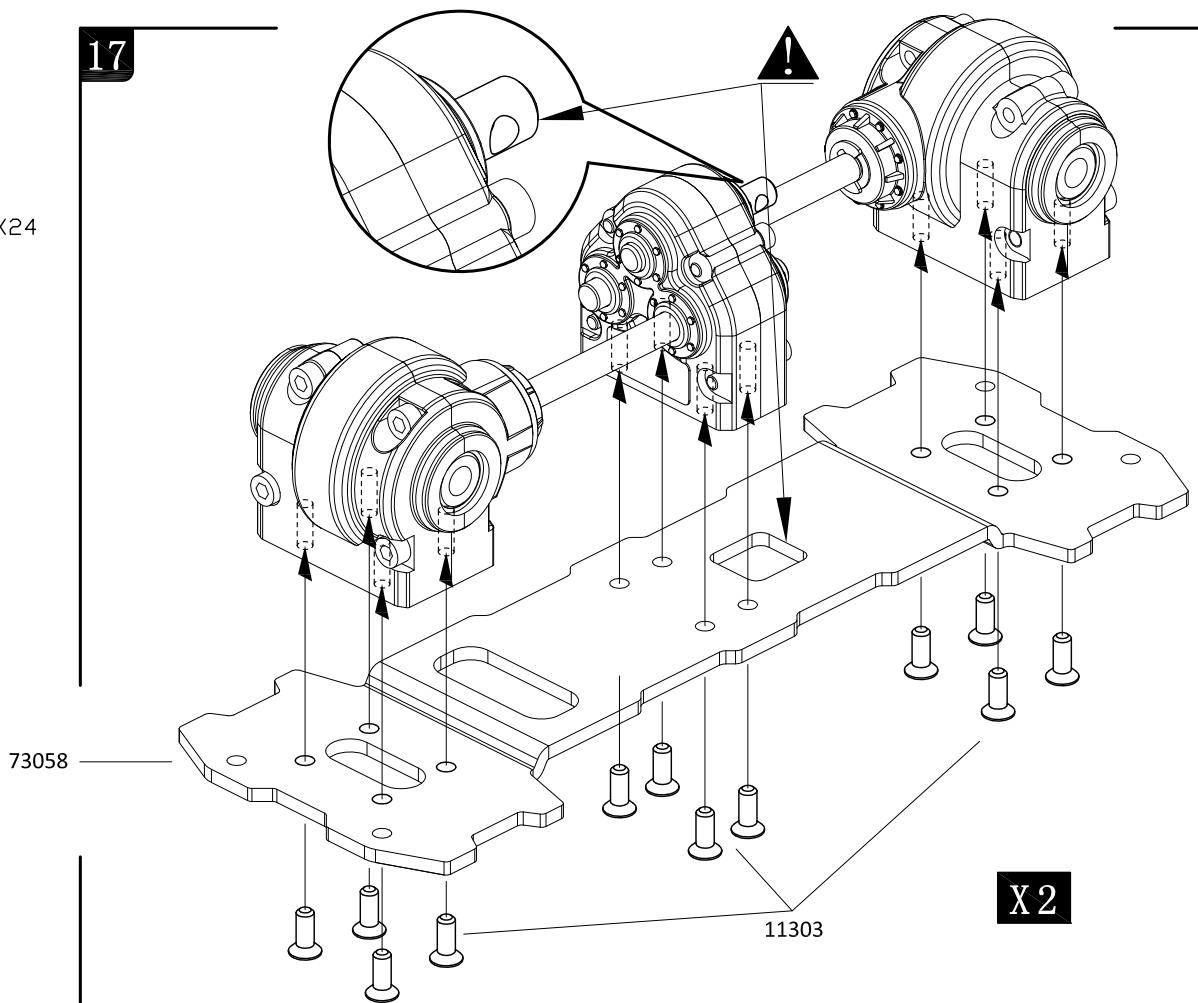
16

11131 
M2.5x14 X8






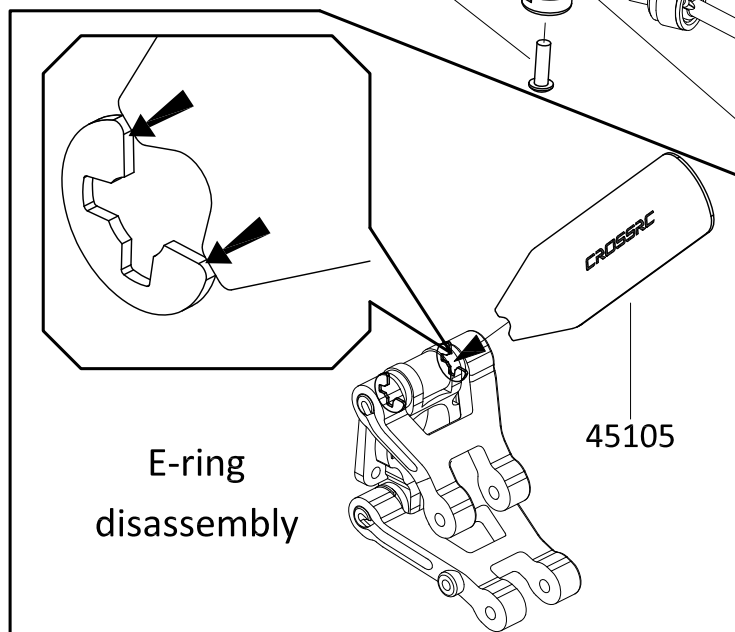
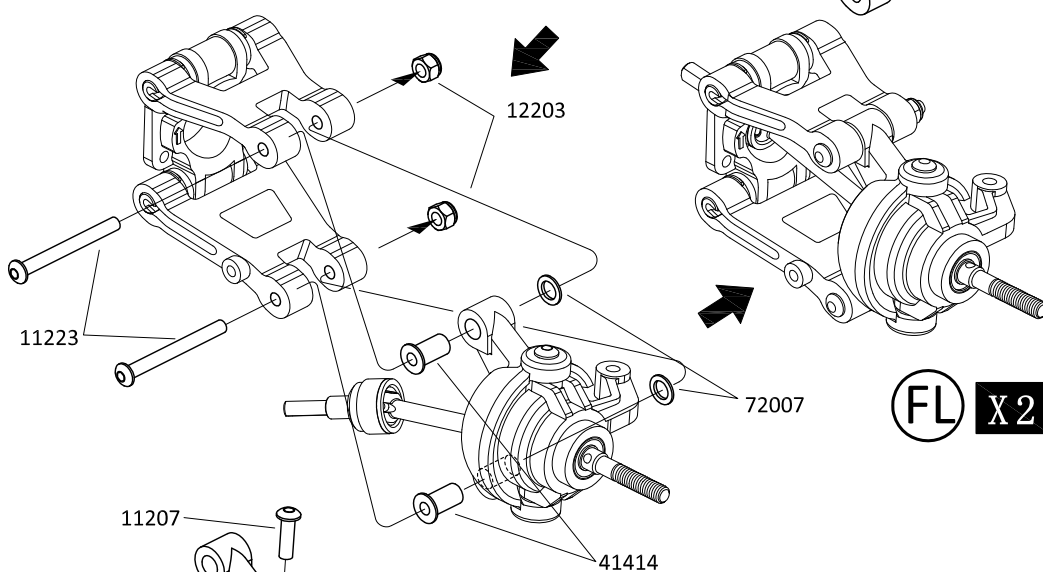
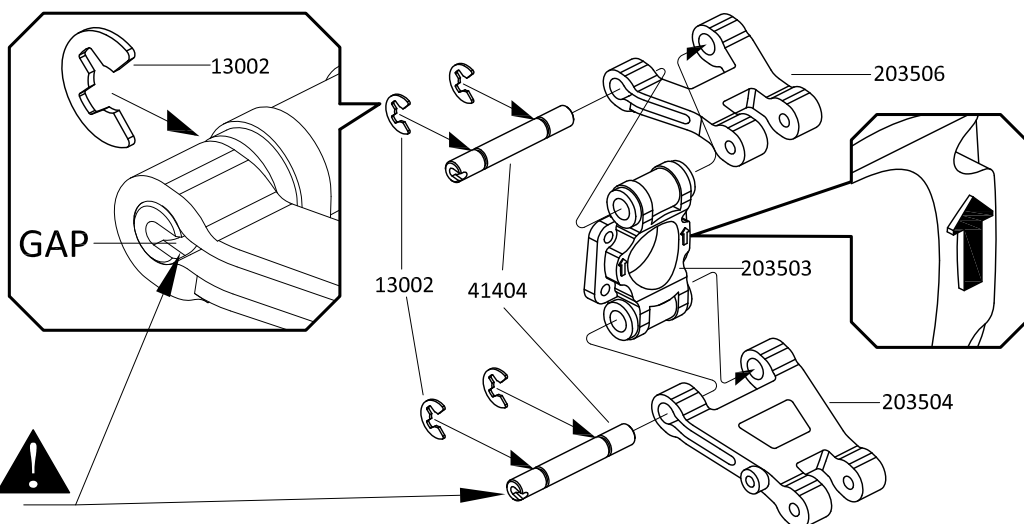


17


11303 
M3x8 X24




18


12203  M3 X411207  M3x10 X411223  M3x30 X413002  $\phi 3.8 \times \phi 9.2 \times 0.6$ X815003  $\phi 5 \times \phi 10 \times 4$ X215004  $\phi 10 \times \phi 15 \times 4$ X2


19

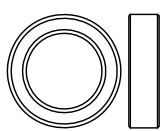
12203 
M3 X4

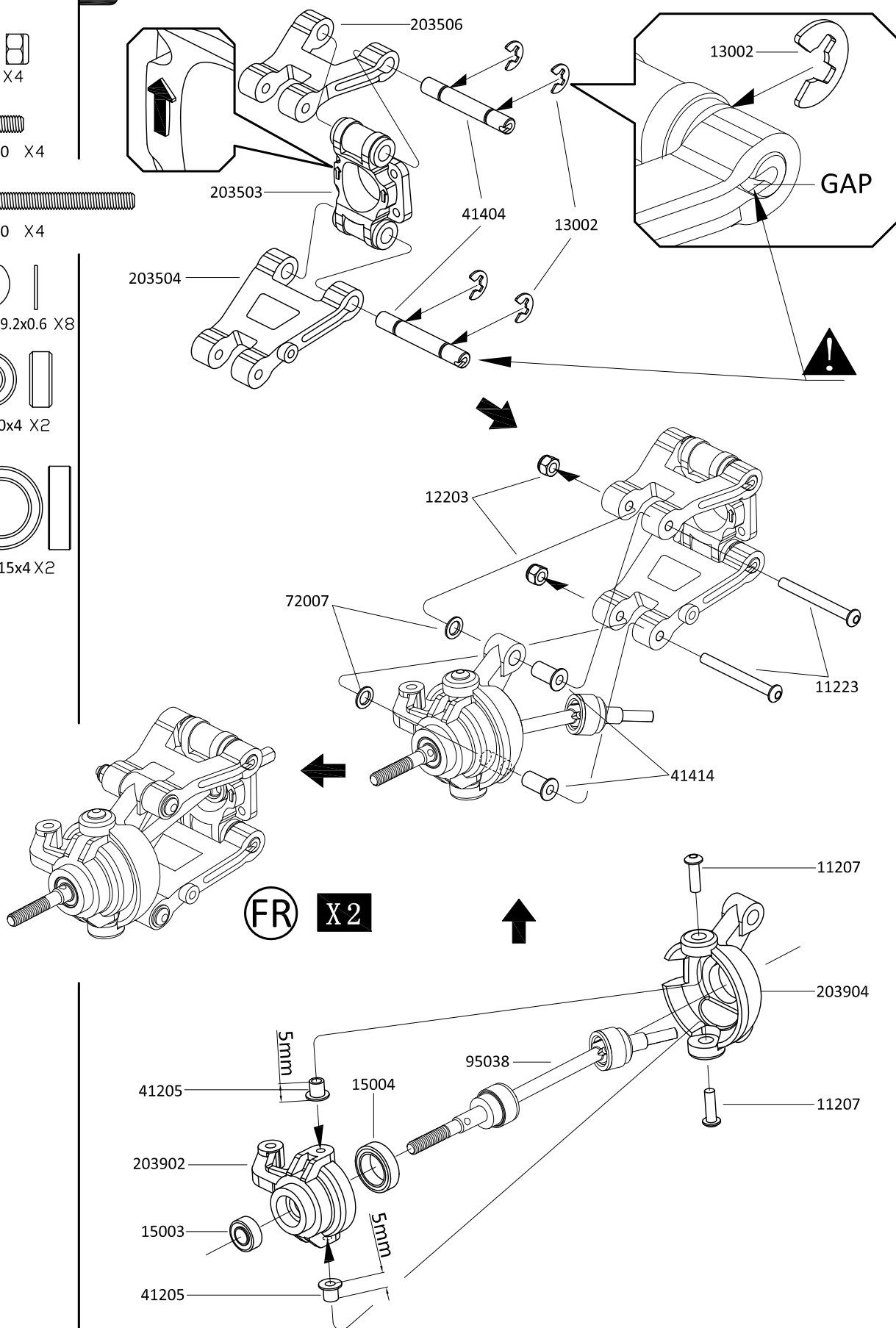
11207 
M3x10 X4

11223 
M3x30 X4

13002 
 $\phi 3.8 \times \phi 9.2 \times 0.6$ X8

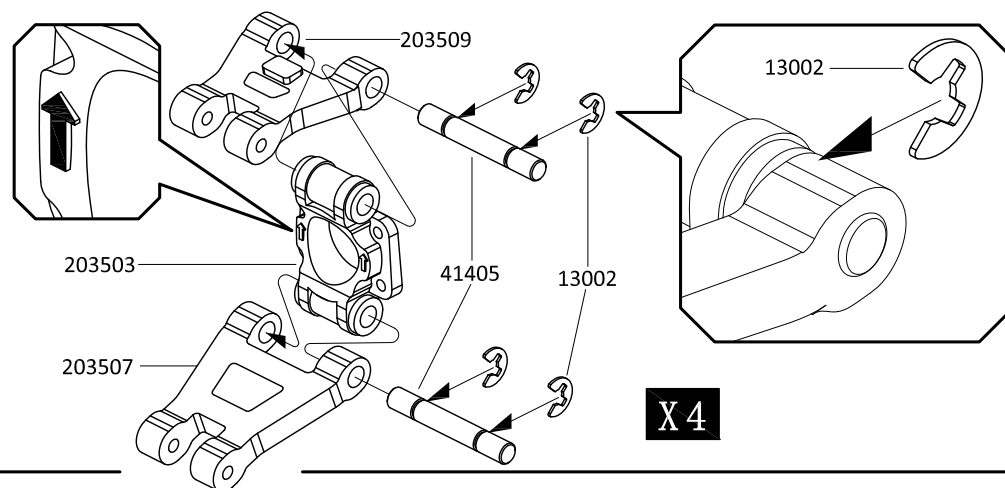
15003 
 $\phi 5 \times \phi 10 \times 4$ X2

15004 
 $\phi 10 \times \phi 15 \times 4$ X2





20

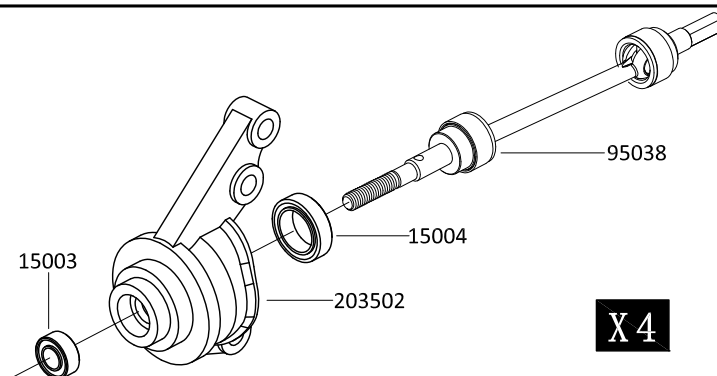
13002 
 $\phi 3.8 \times \phi 9.2 \times 0.6$ X16




21

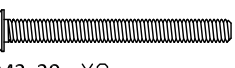
15003 
 $\phi 5 \times \phi 10 \times 4$ X4

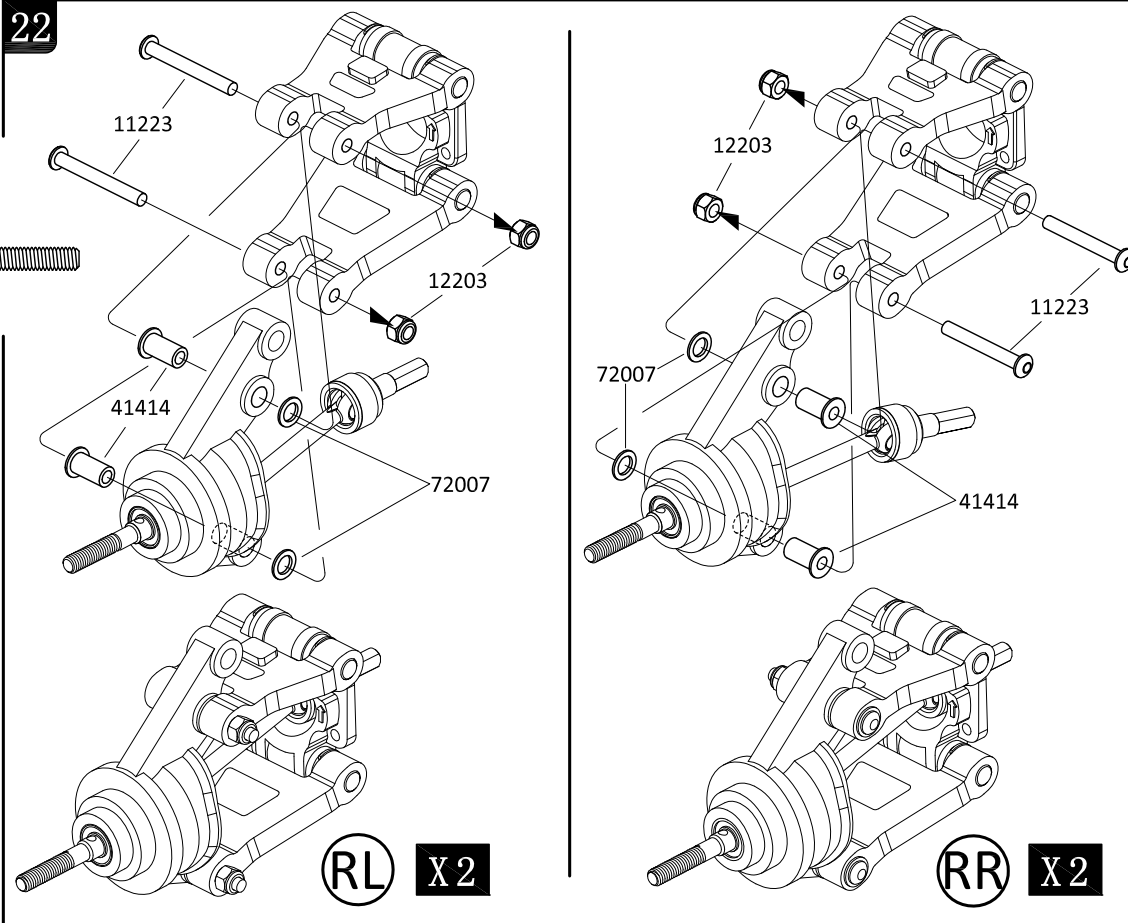
15004 
 $\phi 10 \times \phi 15 \times 4$ X4




22

12203 
M3 X8

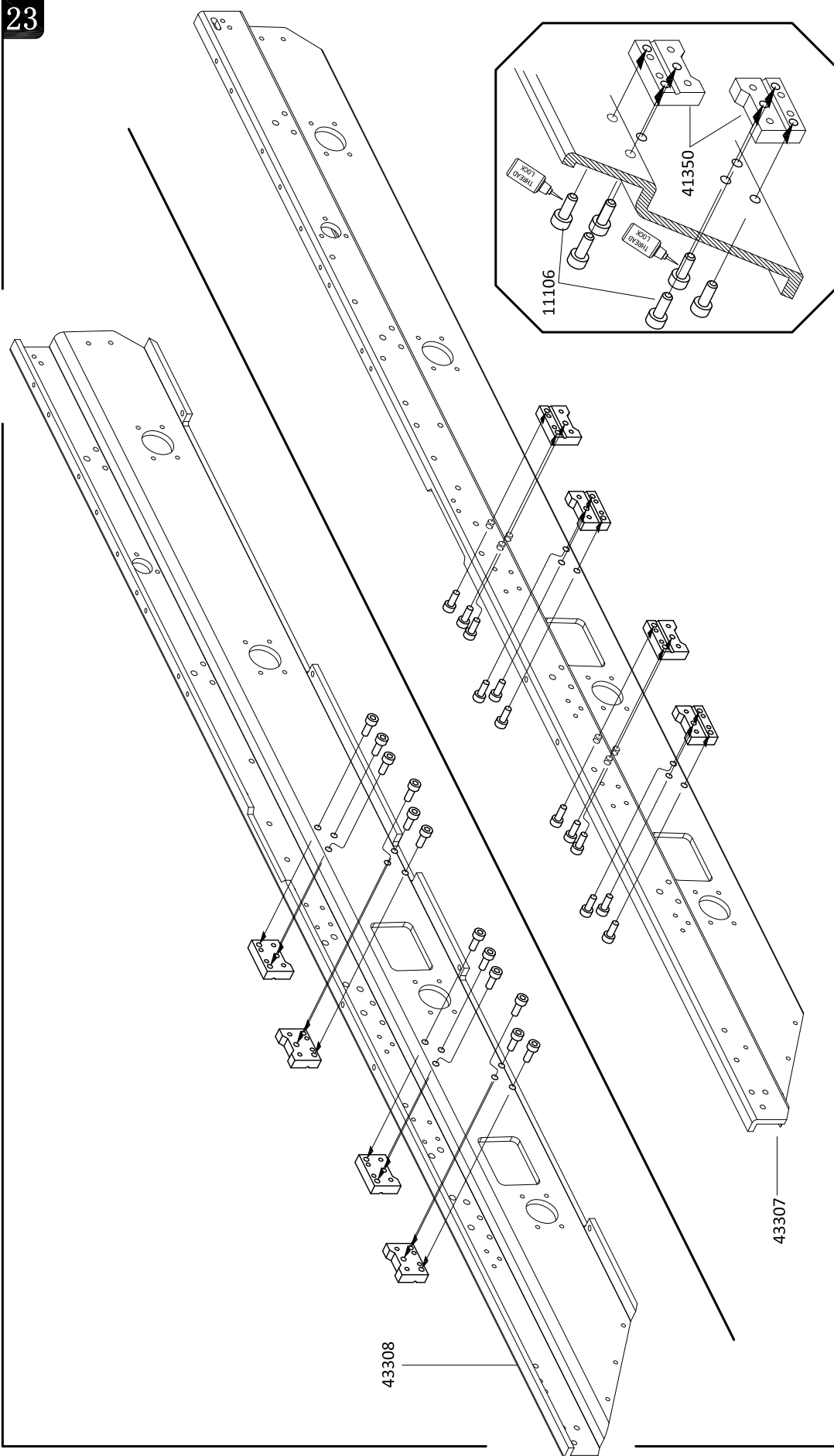
11223 
M3x30 X8




23

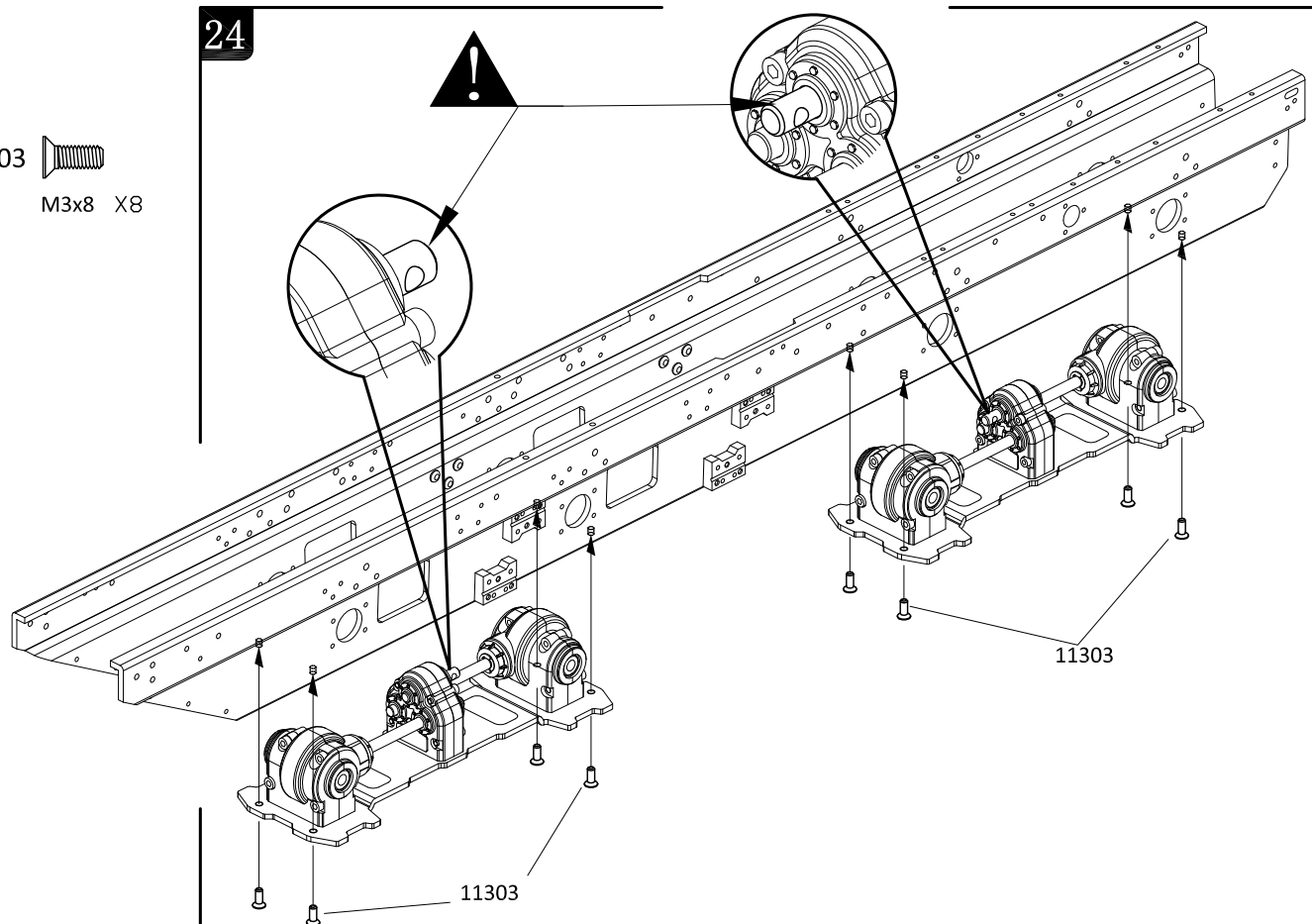
11106 

M3x8 X24





24


11303 
M3x8 X8

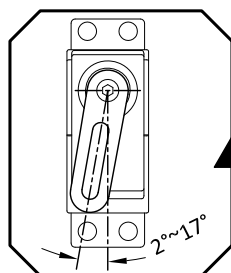
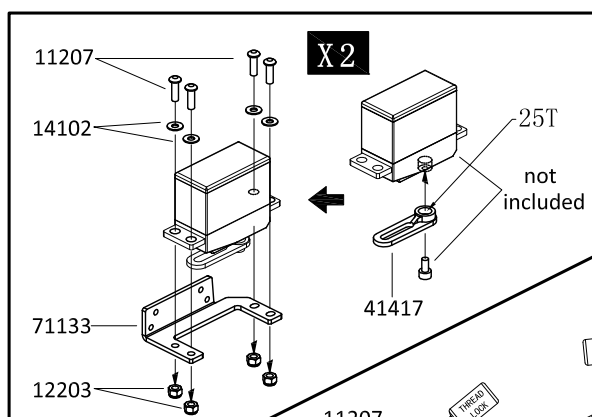


25

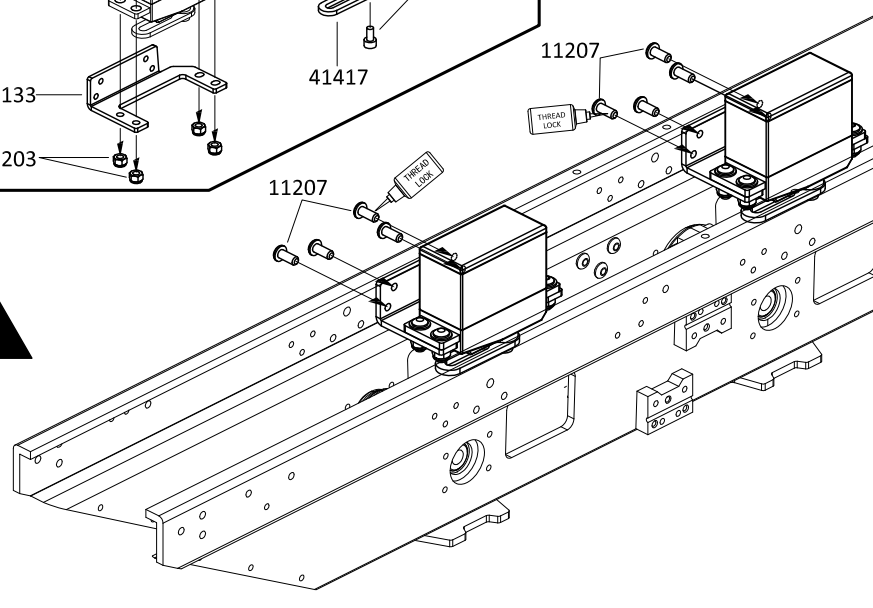
12203  
M3 X8

11207 
M3x10 X16

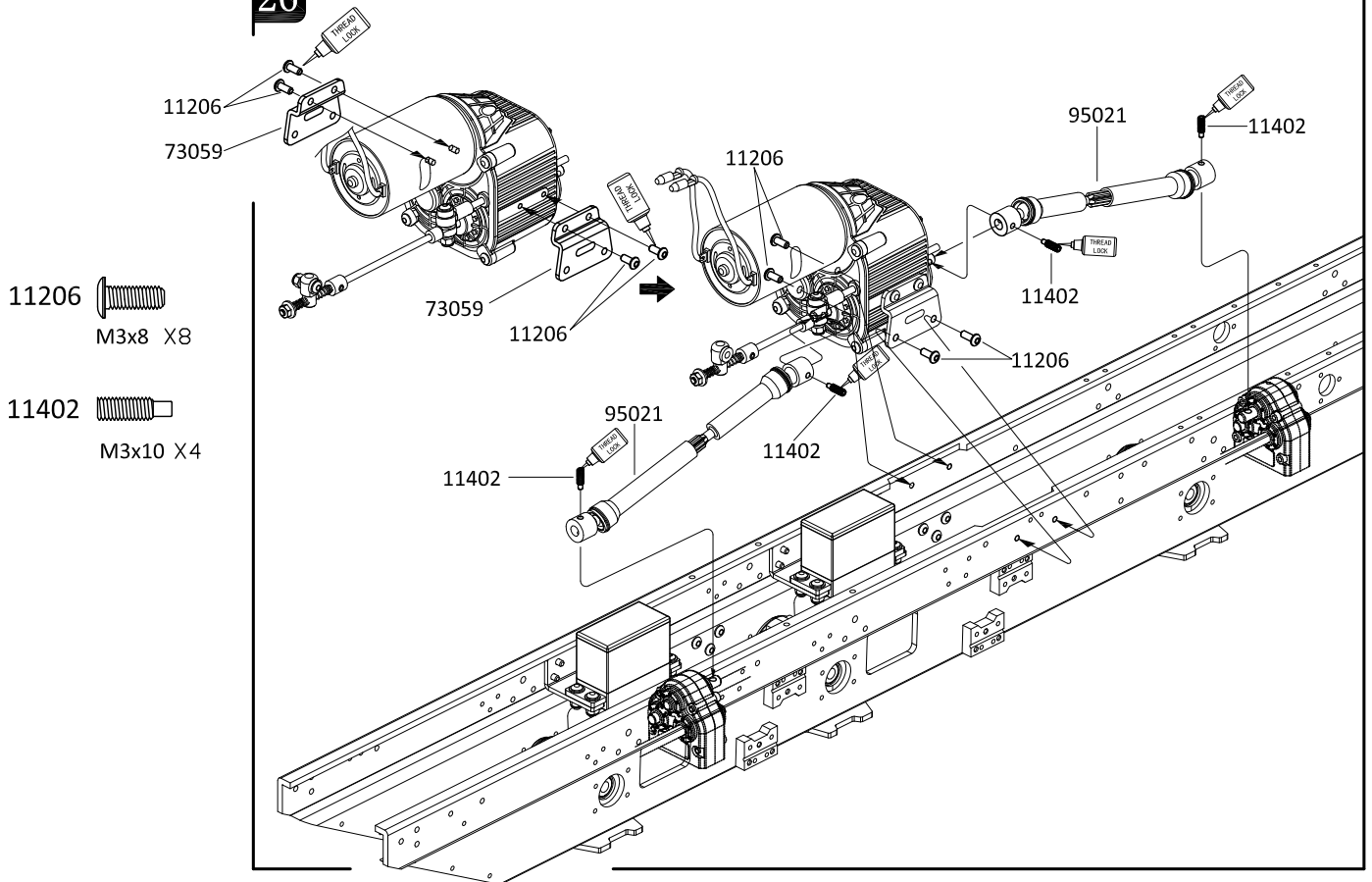
14102 
ø3xø7x0.5 X8



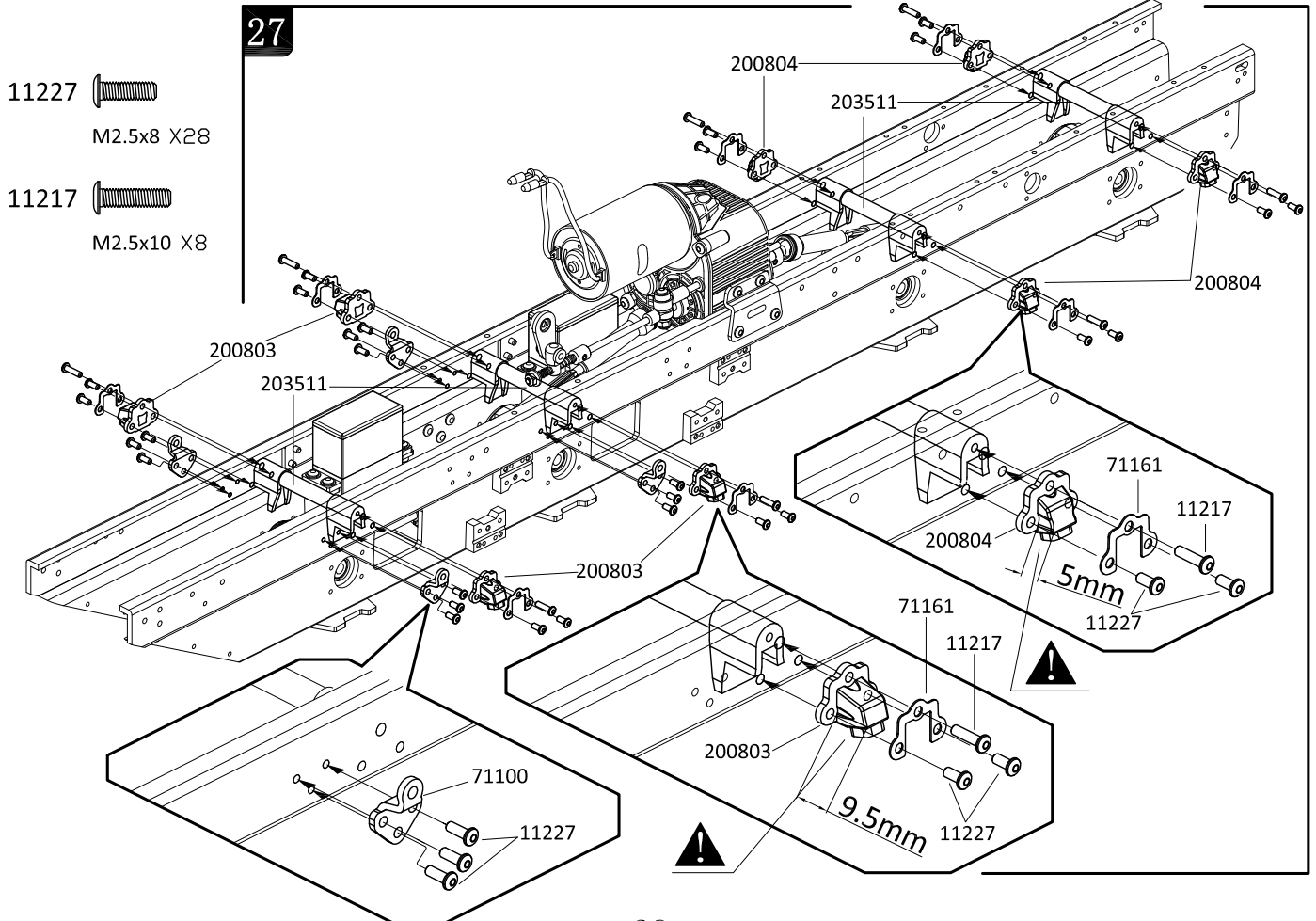
Turn on the Transmitter
then Receiver and set
the Steering Servo Trim
at the neutral position

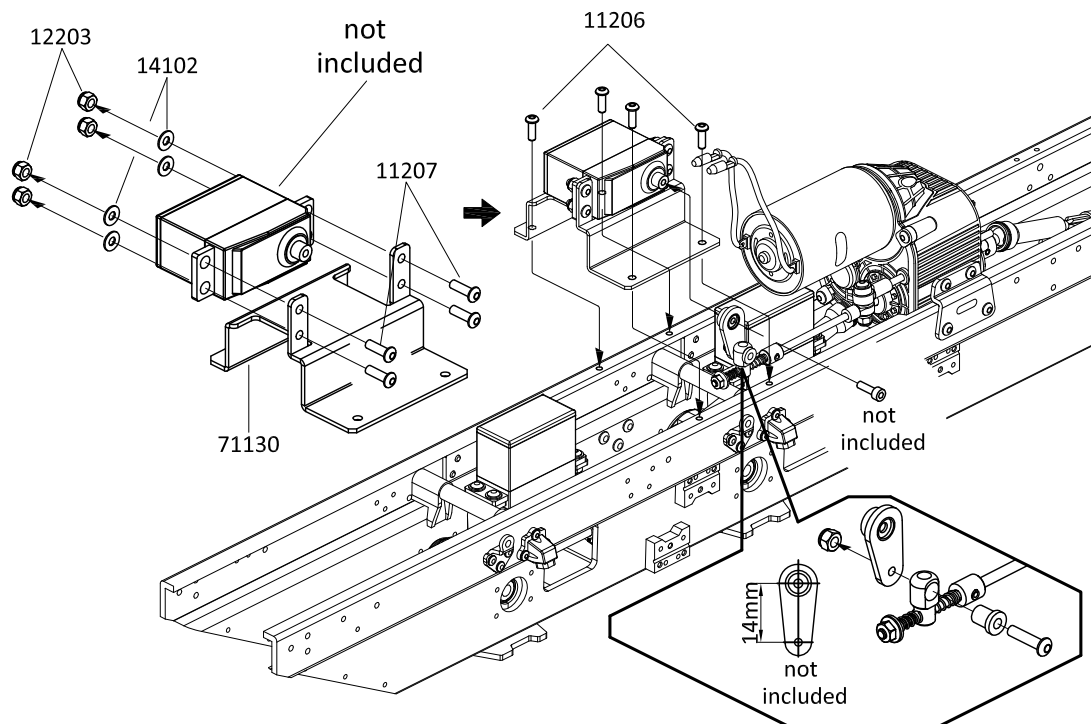
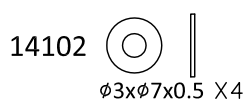
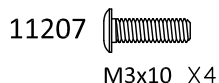
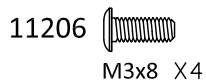
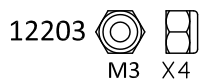


26

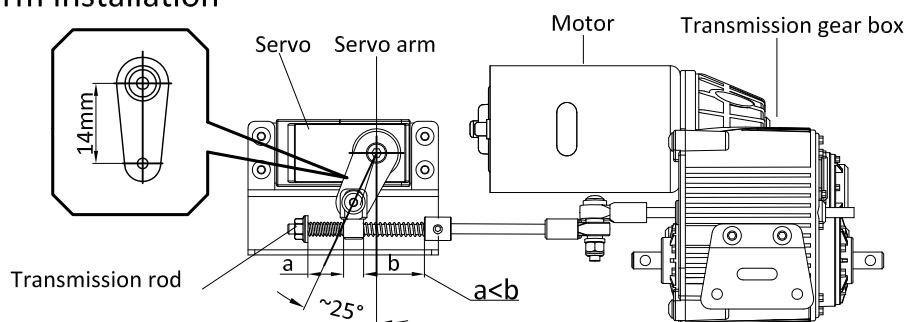


27



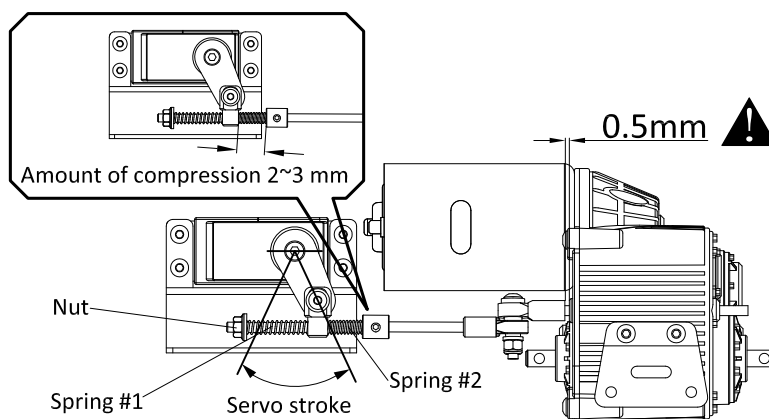


Servo arm installation



- 1.1 Check to remote control's instruction for get servo using and setting method.
- 1.2 Make sure the servo is in neutral position before installation, as shown in the drawing to keep the transmission rod in its state (low gear), the arm is mounted on the servo, and the servo doesn't put pressure on the shift rod after installation completed

Servo stroke adjustment




2. Adjusting servo stroke and result to spring decrement in the 2-3mm after into high speed gear.

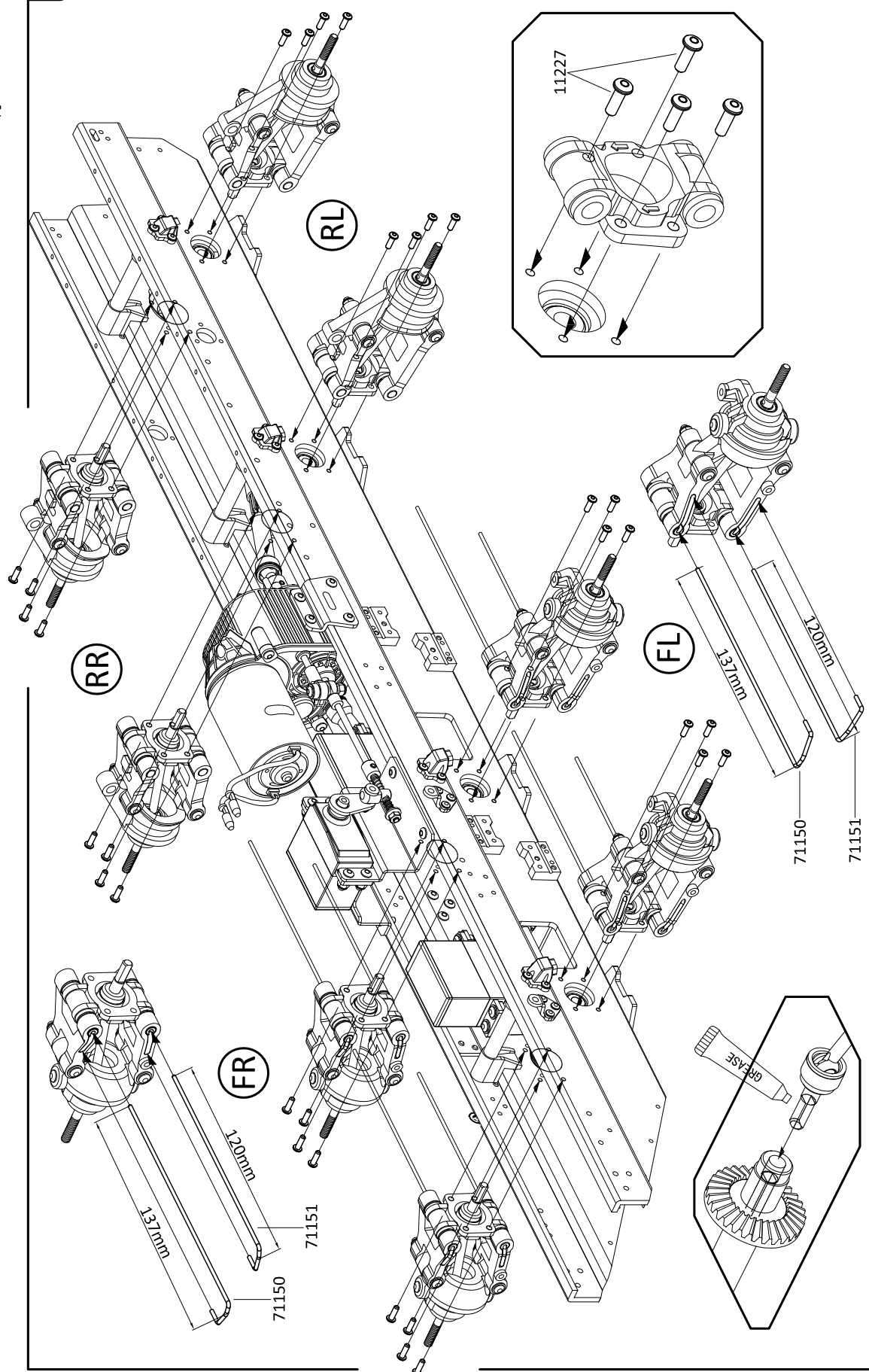


WARNING

Make sure the servo is operated in a suitable stroke, it's may result in damage to the servo or transmission gearbox parts if the servo or shift rod continues to exert a large force.


29

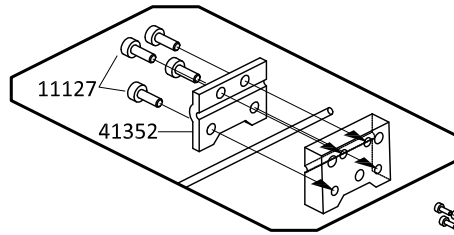
11227 
M2.5x8 X32



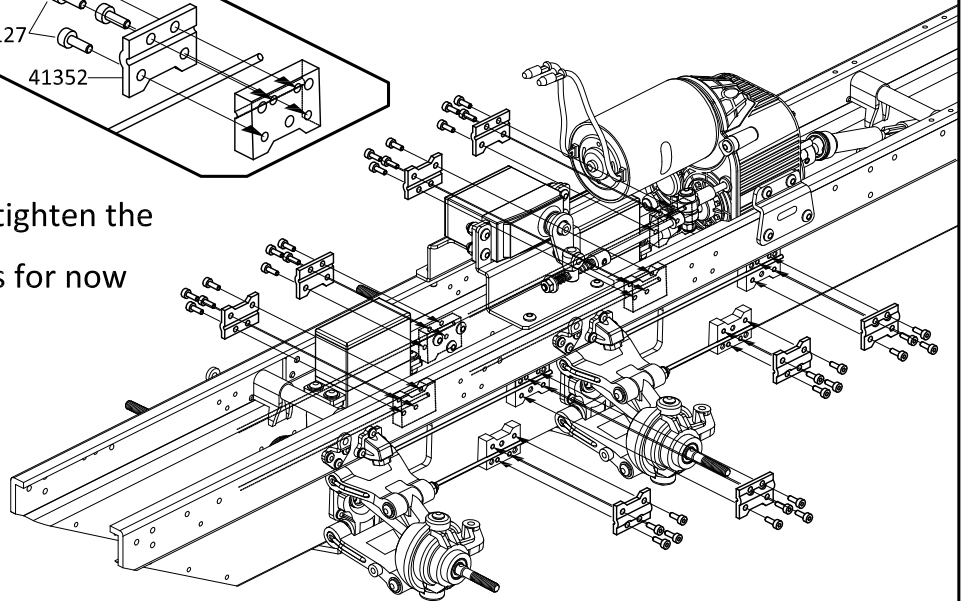
30

Step 1

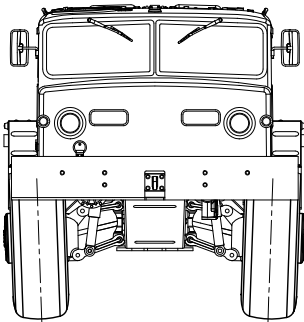
11127 
M2.5x7 X32



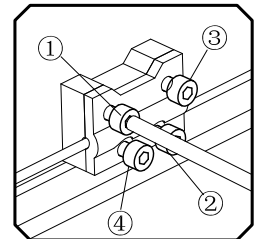
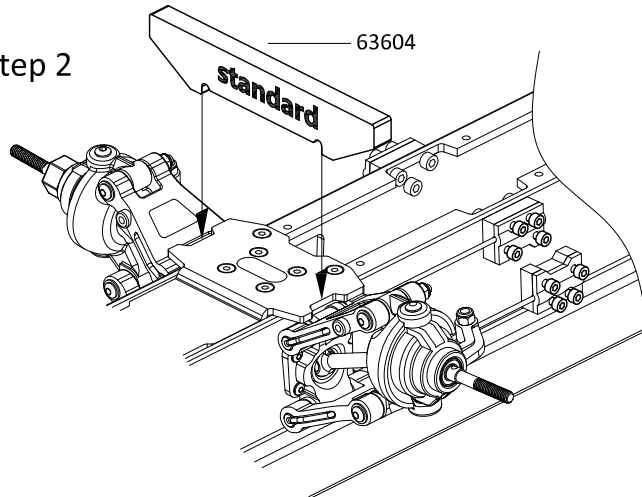
Don't tighten the
screws for now



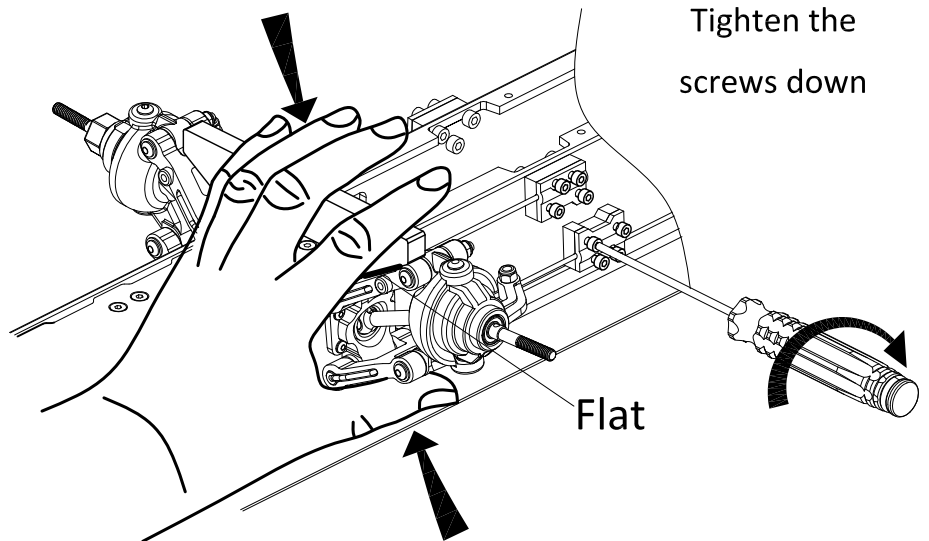
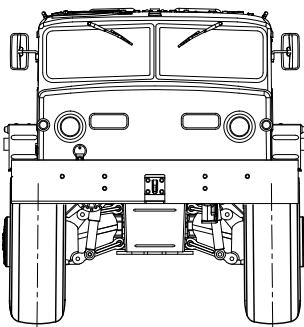
standard



Step 2

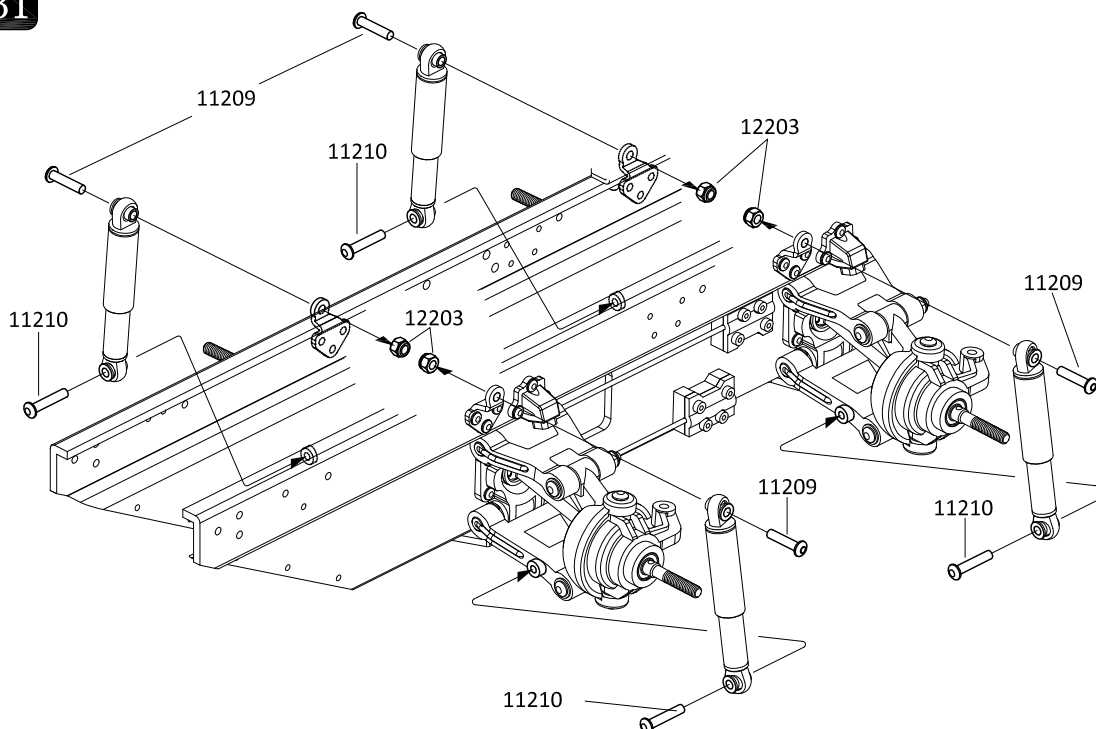
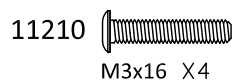


soft

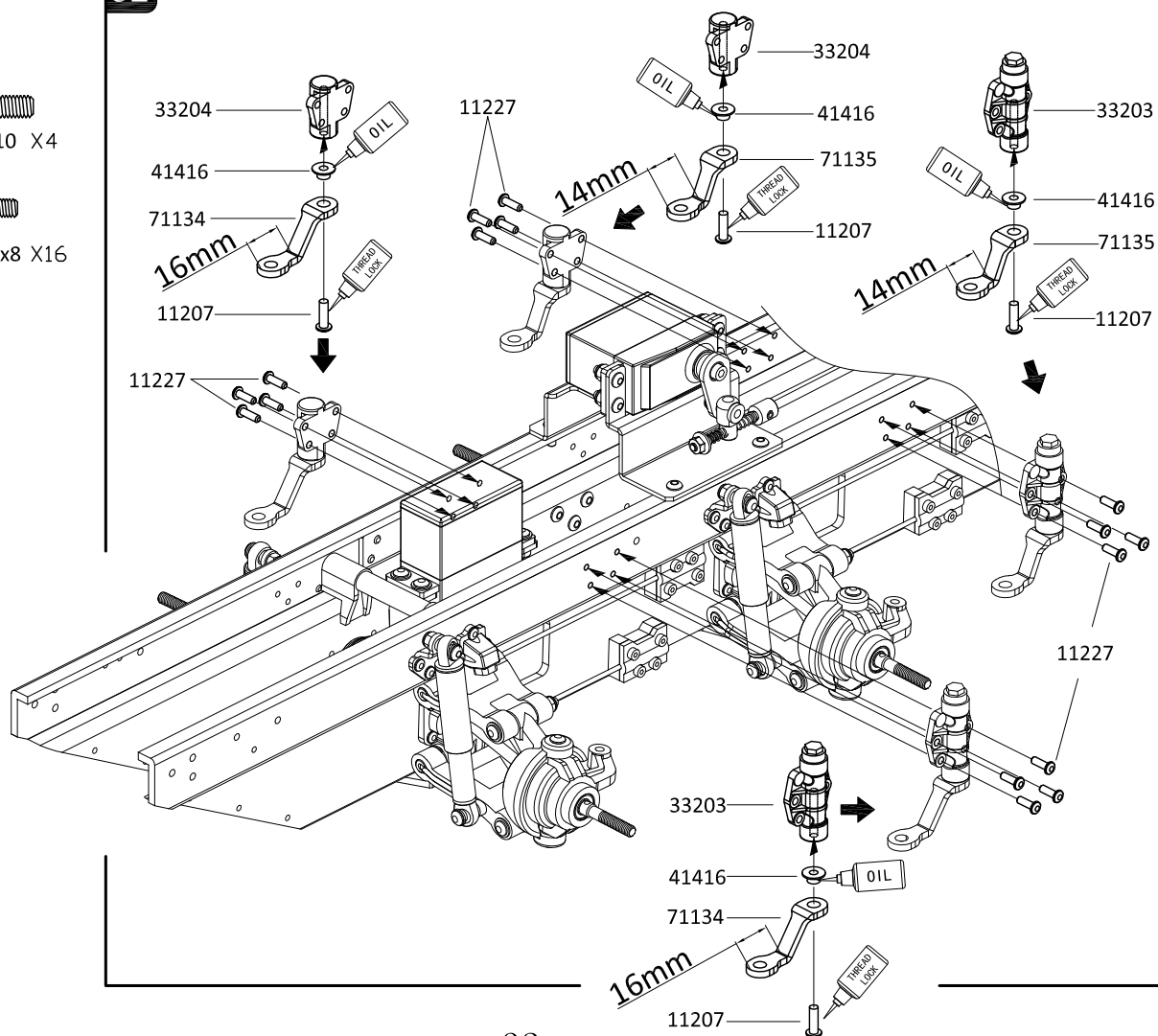
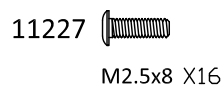


Tighten the
screws down



Flat






32




33

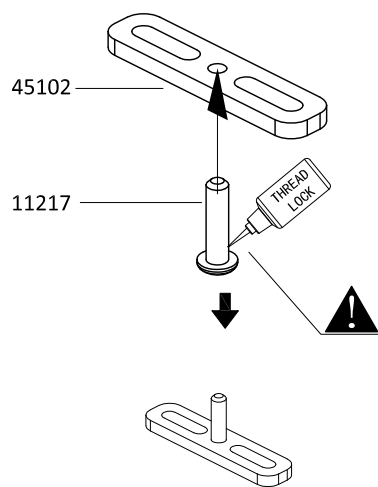
12203  
M3 X4

11210  
M3x16 X4

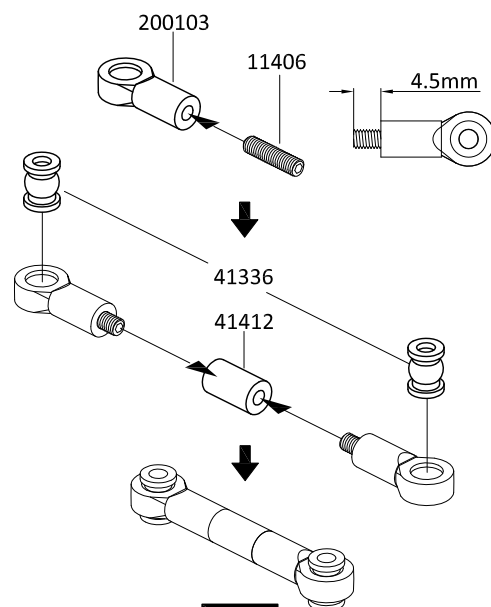
11216 
M2.5x6 X4

11217 
M2.5x10 X2

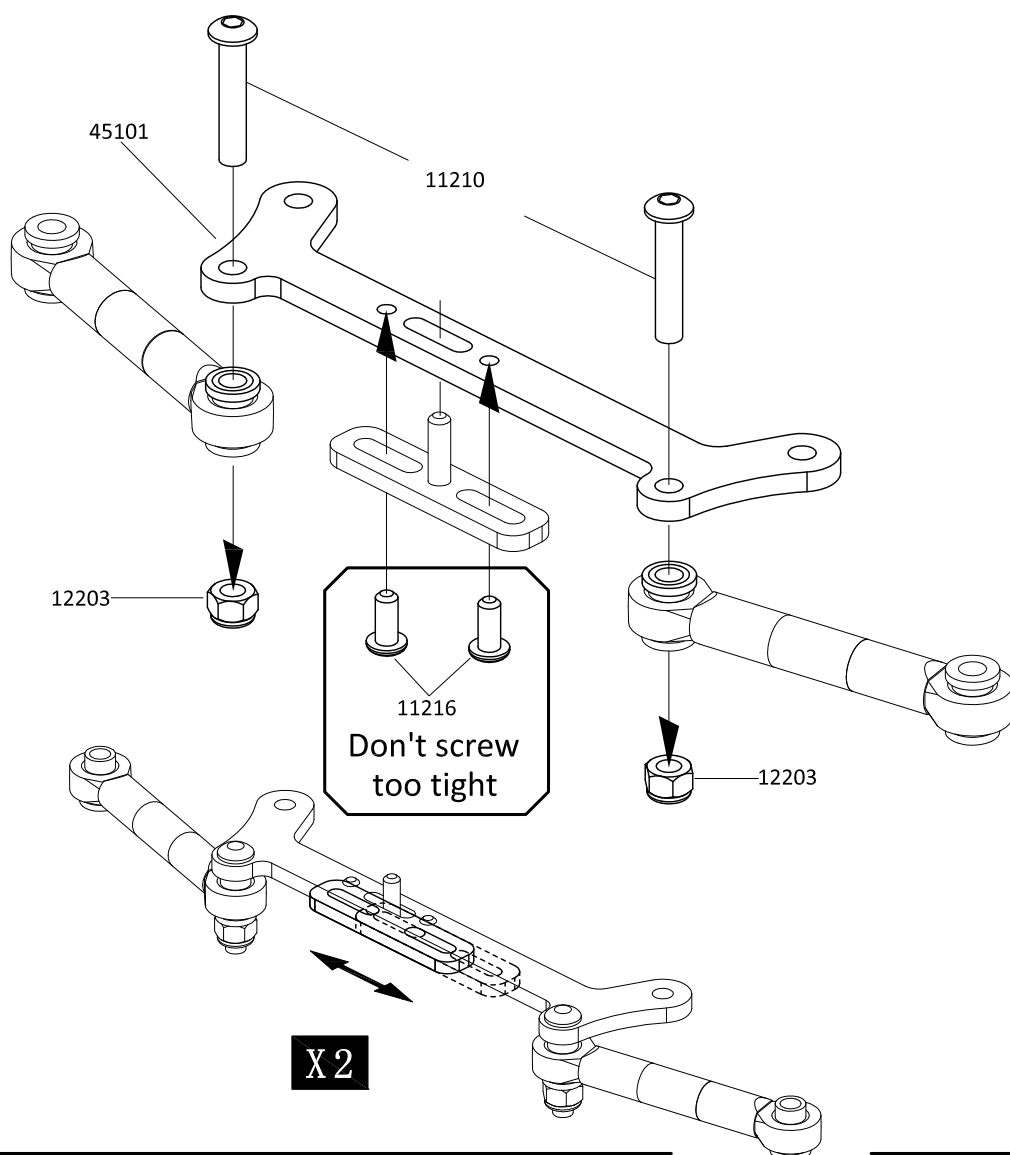
11406 
M3x12 X8



X2






X4




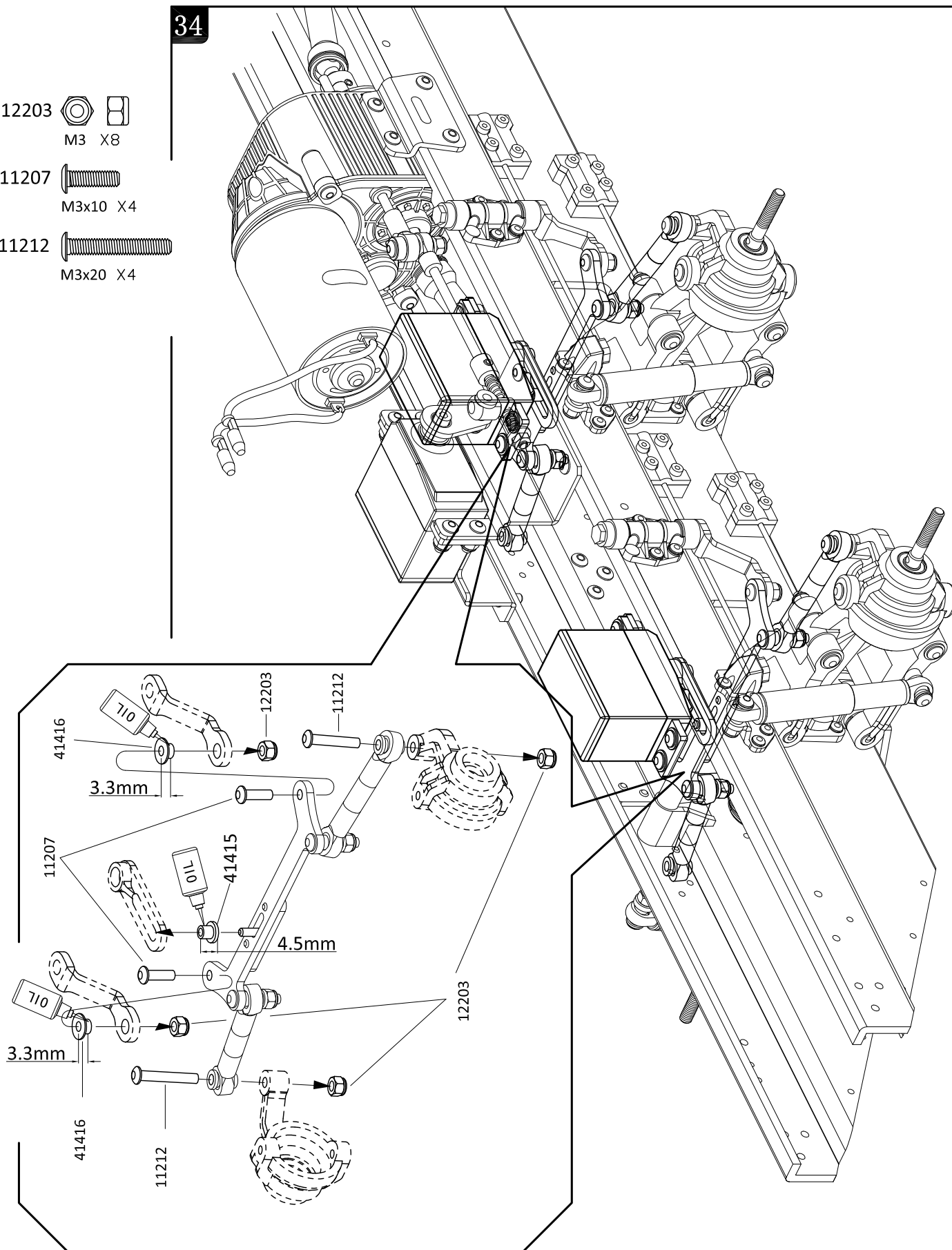
X2

34

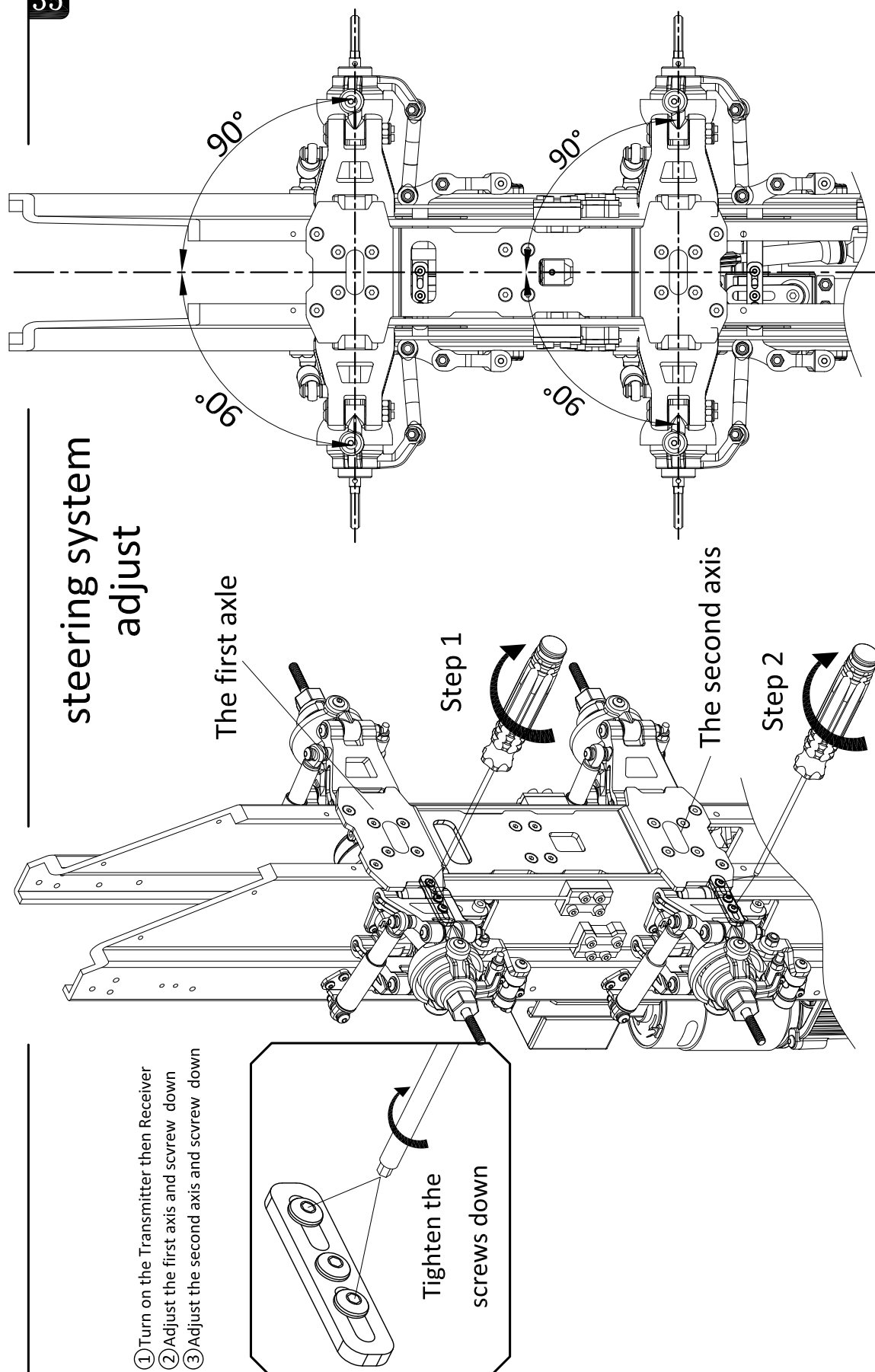
12203  
M3 X8

11207 
M3x10 X4


11212 
M3x20 X4

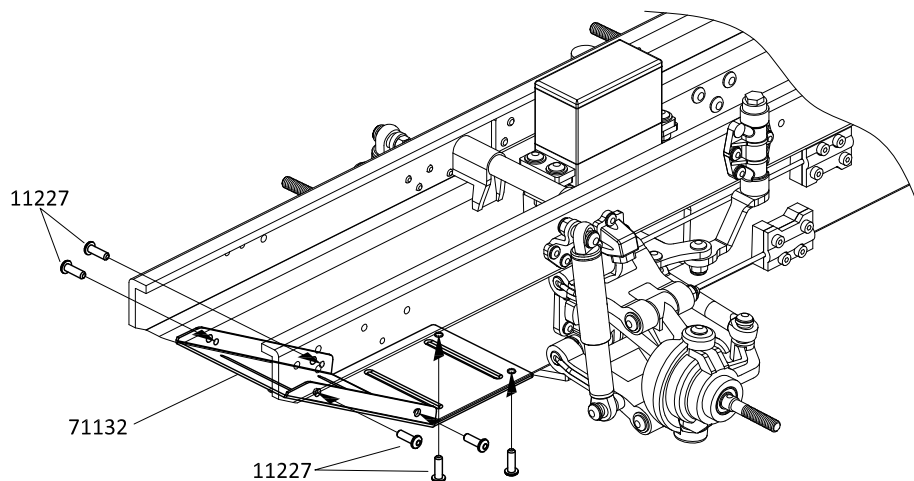


35





36

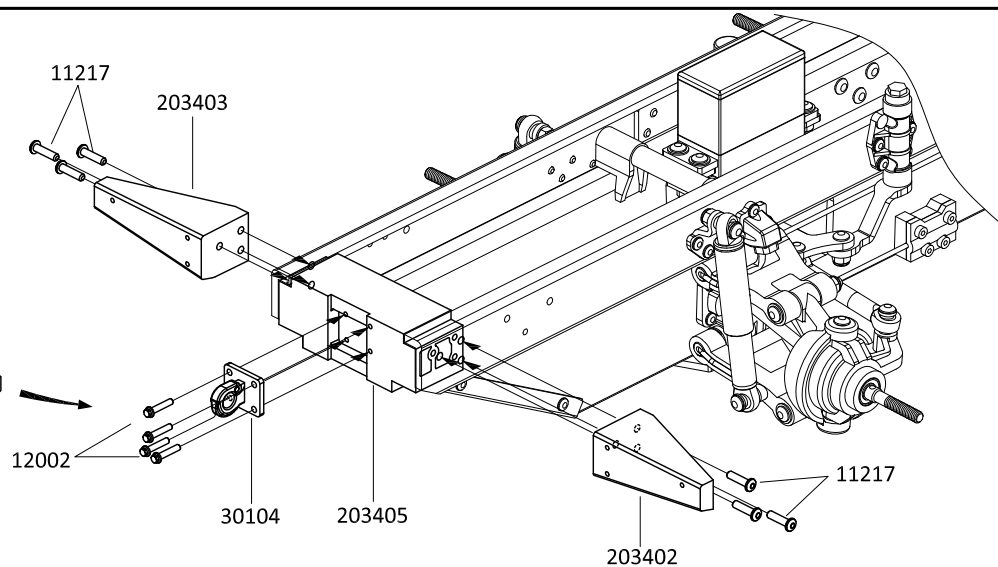
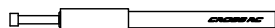
11227 
M2.5x8 X6




37

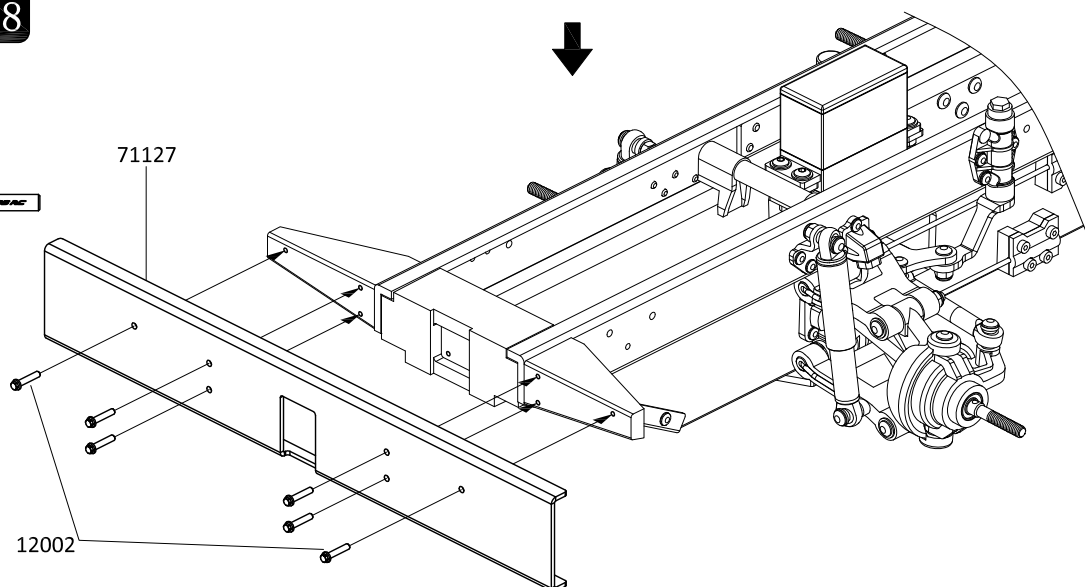
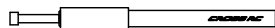
11217 
M2.5x10 X6

12002 
M2x10 X4




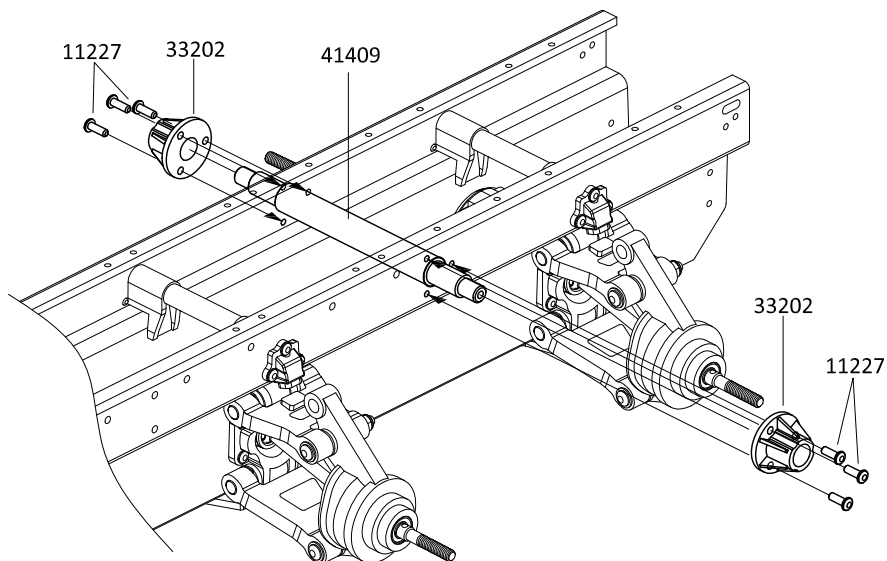
38

12002 
M2x10 X6



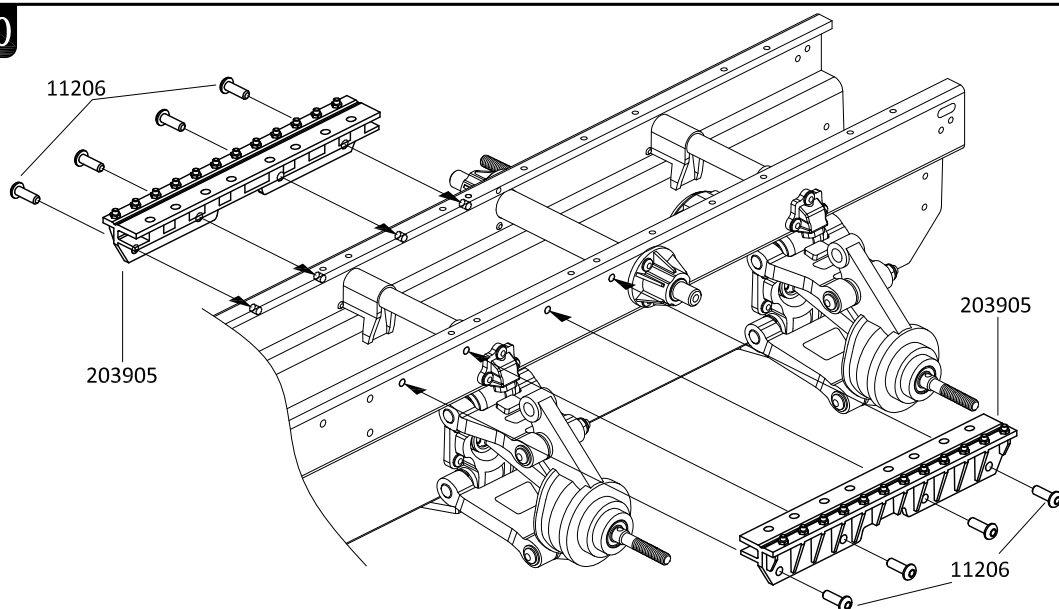
39

11227 
M2.5x8 X6




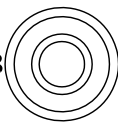
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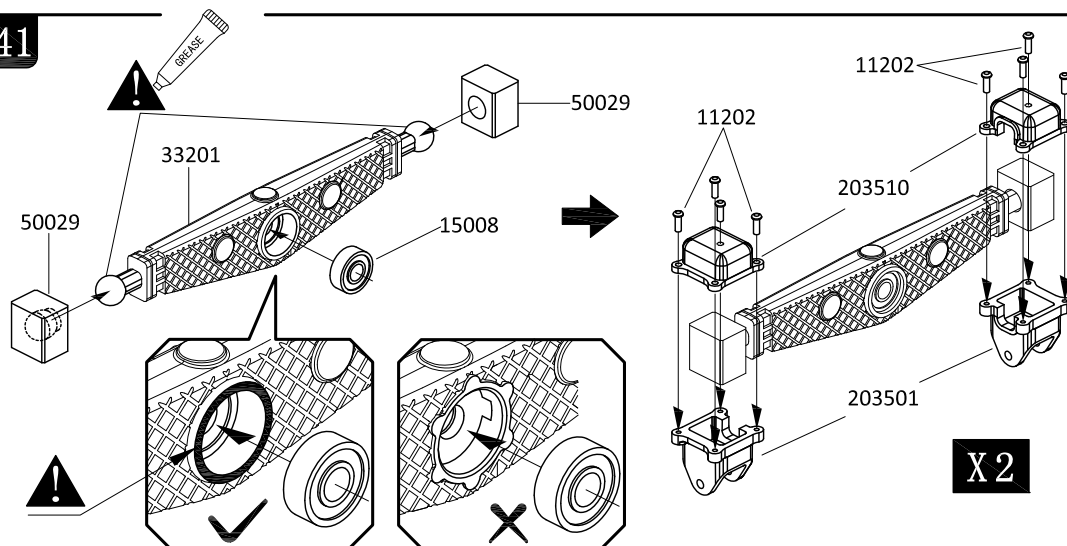
11206 
M3x8 X8




41

11202 
M2x6 X16

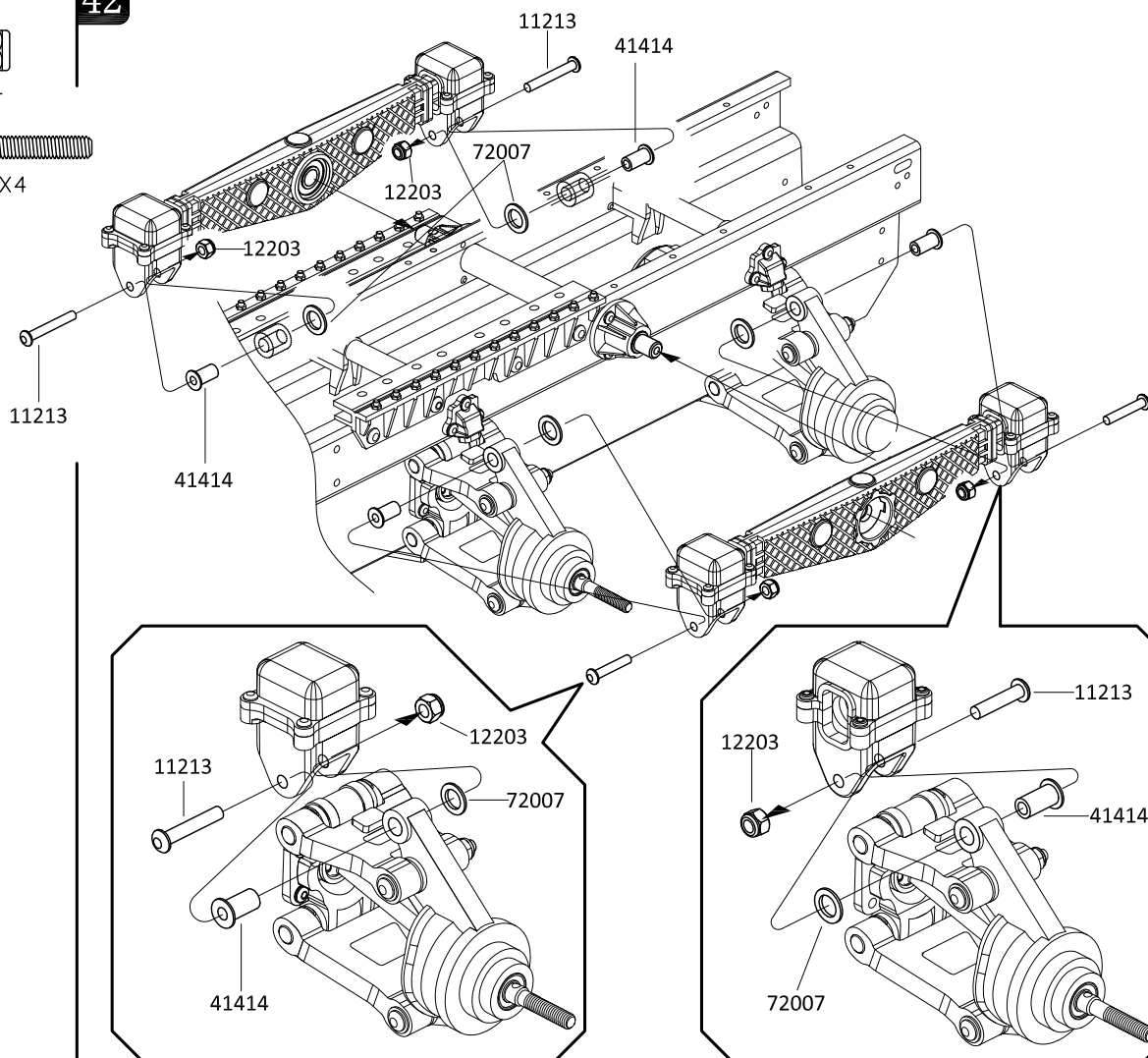
15008 
 $\phi 6 \times \phi 15 \times 5$ X2




42


12203 
M3 X4

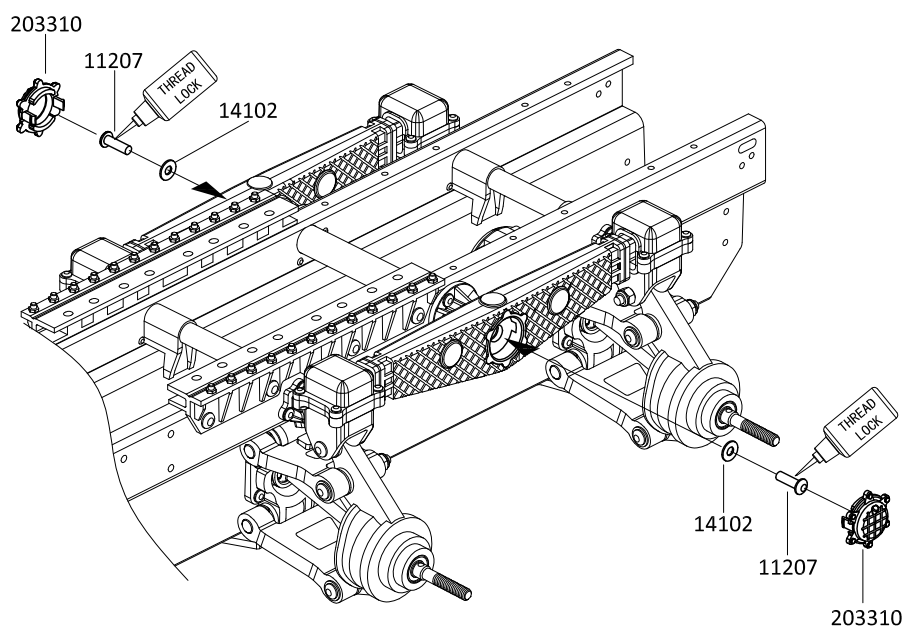
11213 
M3x22 X4




43


11207 
M3x10 X2

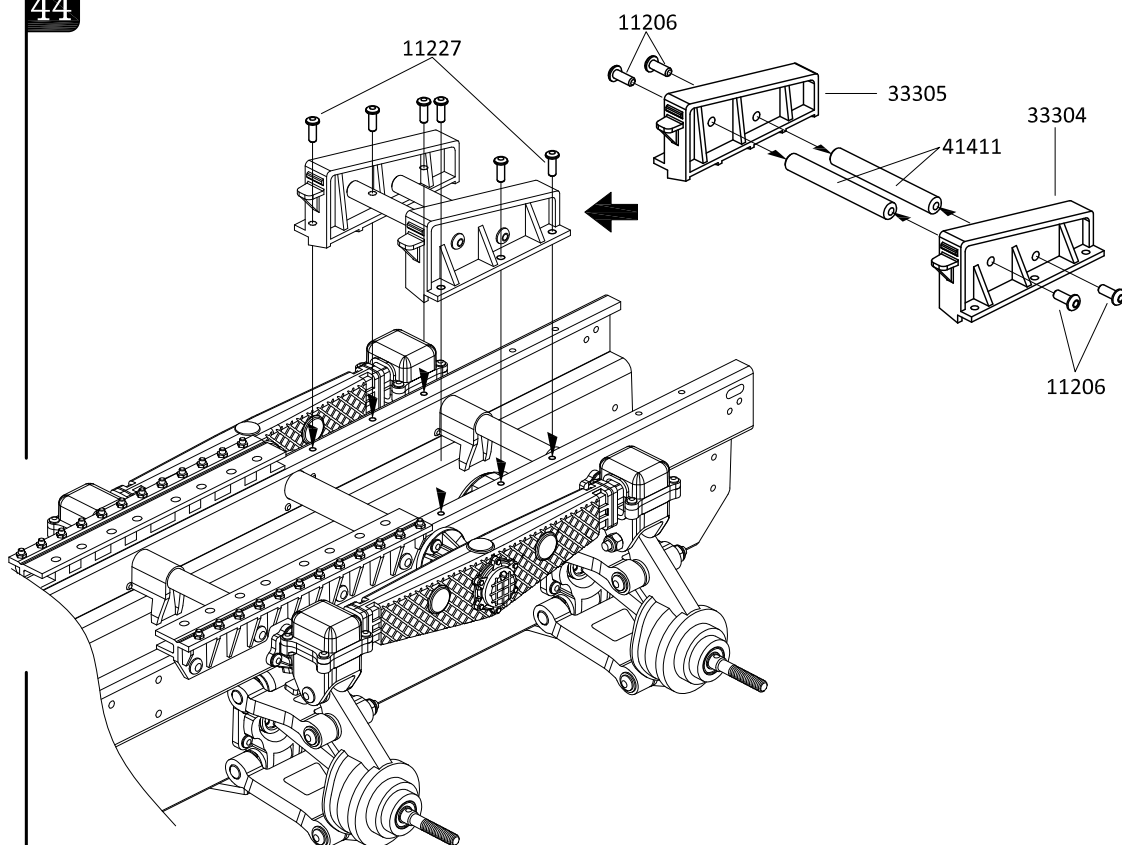
14102 
φ3xφ7x0.5 X2




44


11206  M3x8 X4


11227  M2.5x8 X6

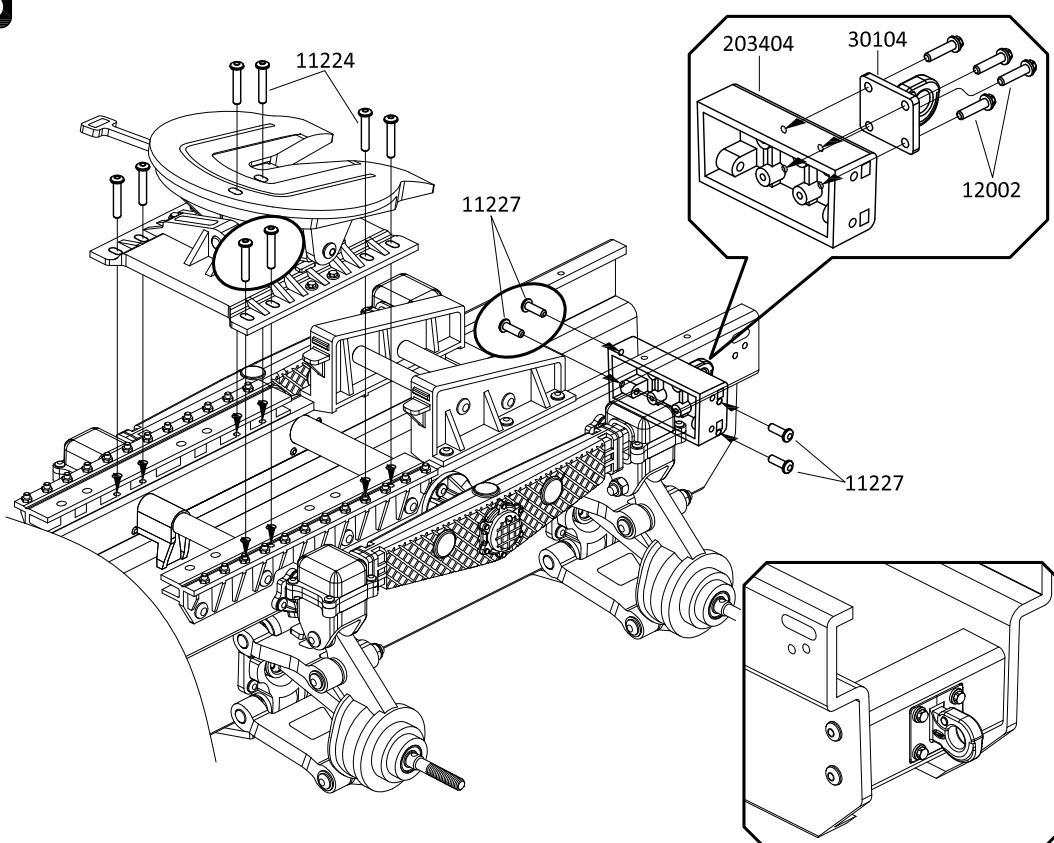


45


11224  M2.5x14 X8


11227  M2.5x8 X4

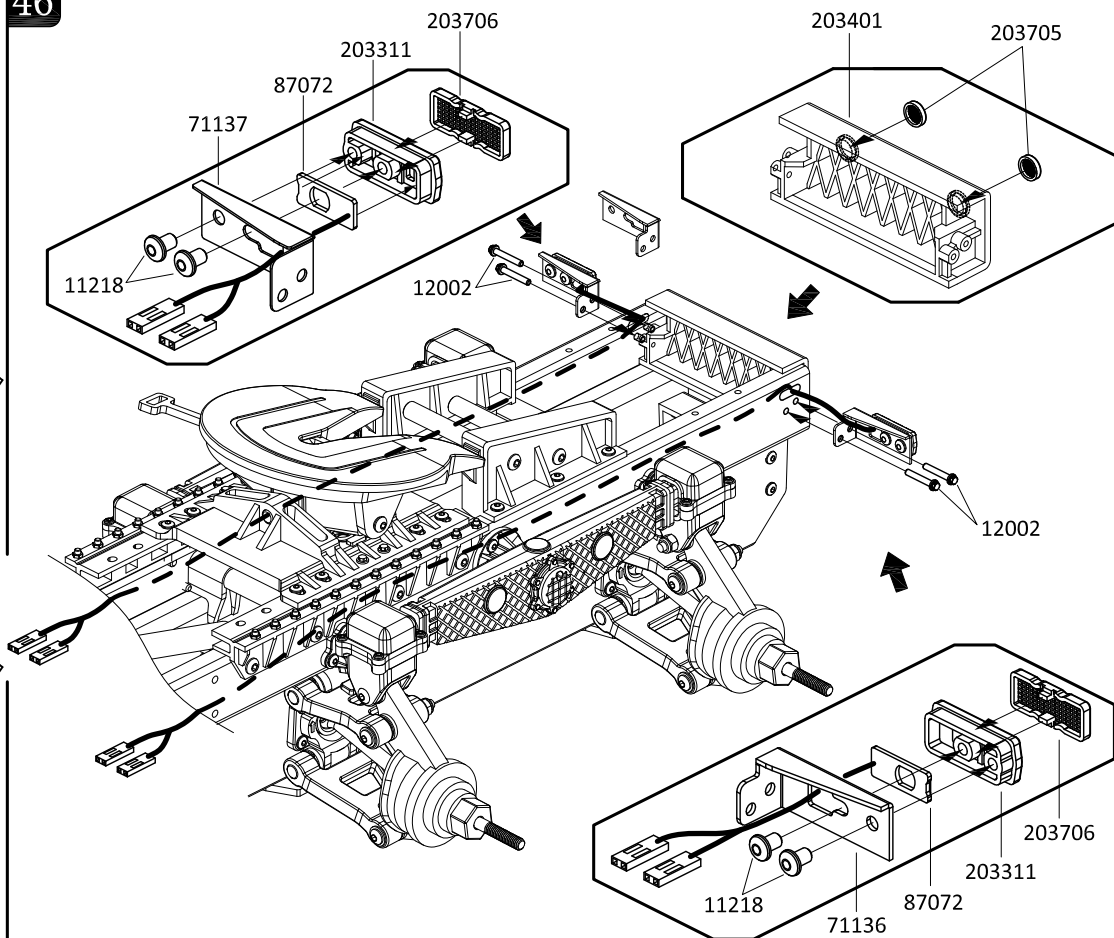
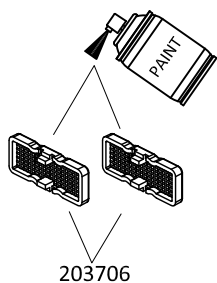
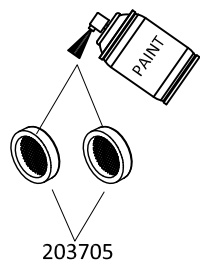
12002  M2x10 X4




46

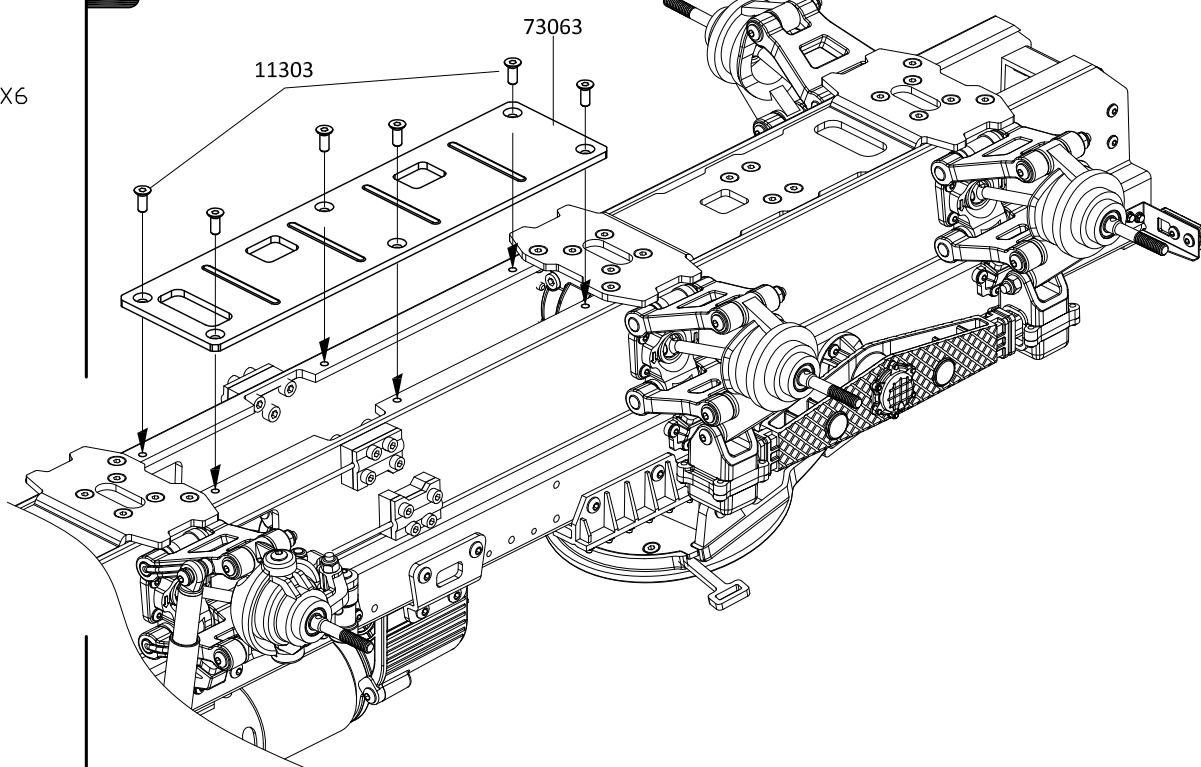
11218 
M2.5x4 X4

12002 
M2x10 X4



47

11303 
M3x8 X6

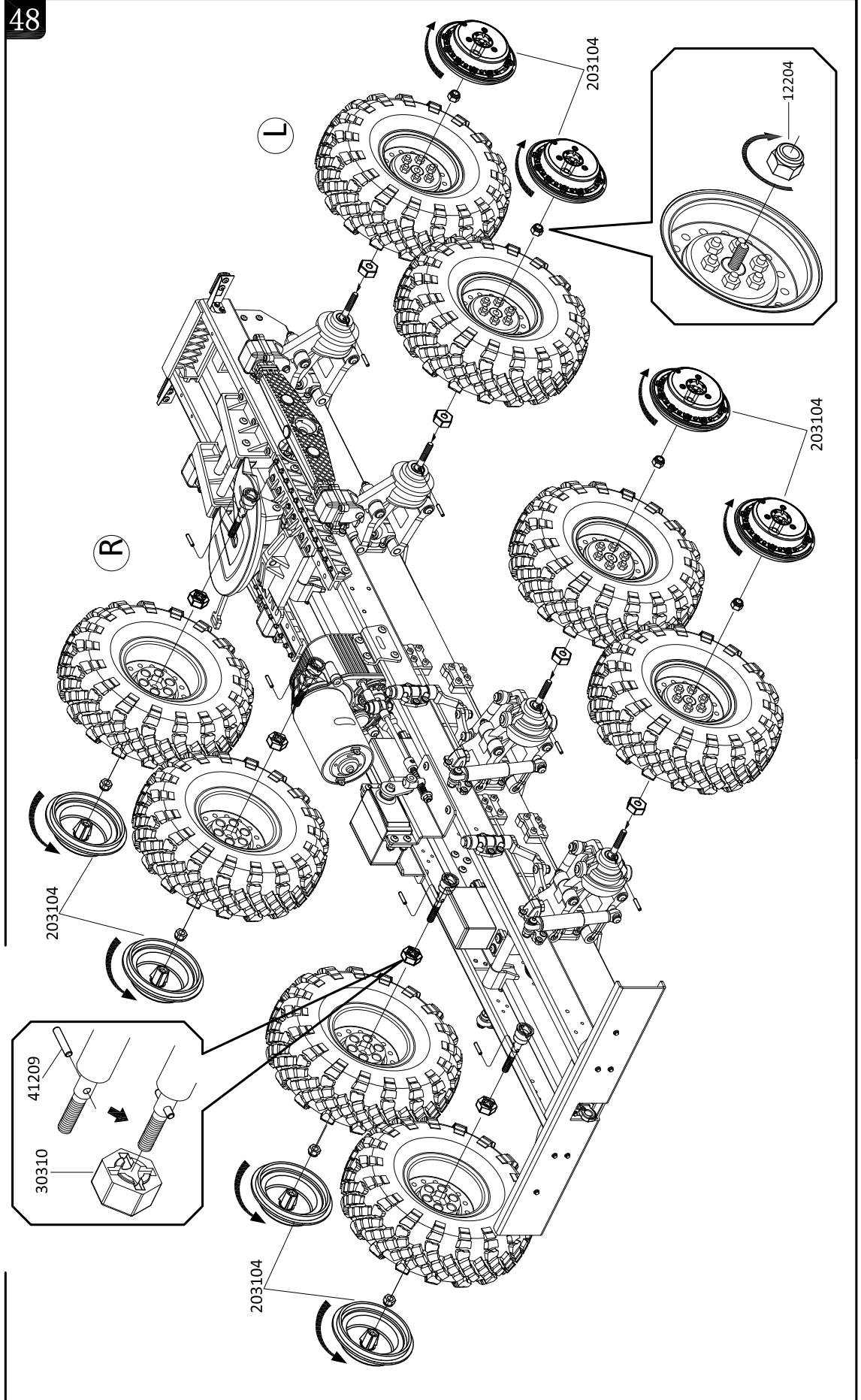


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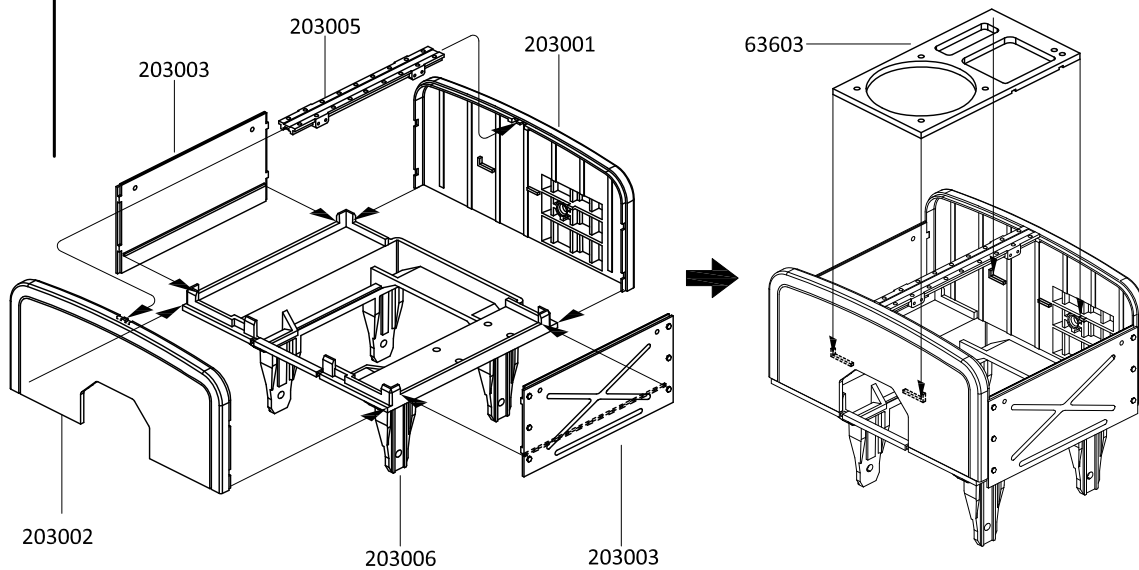
12204




M4 X8

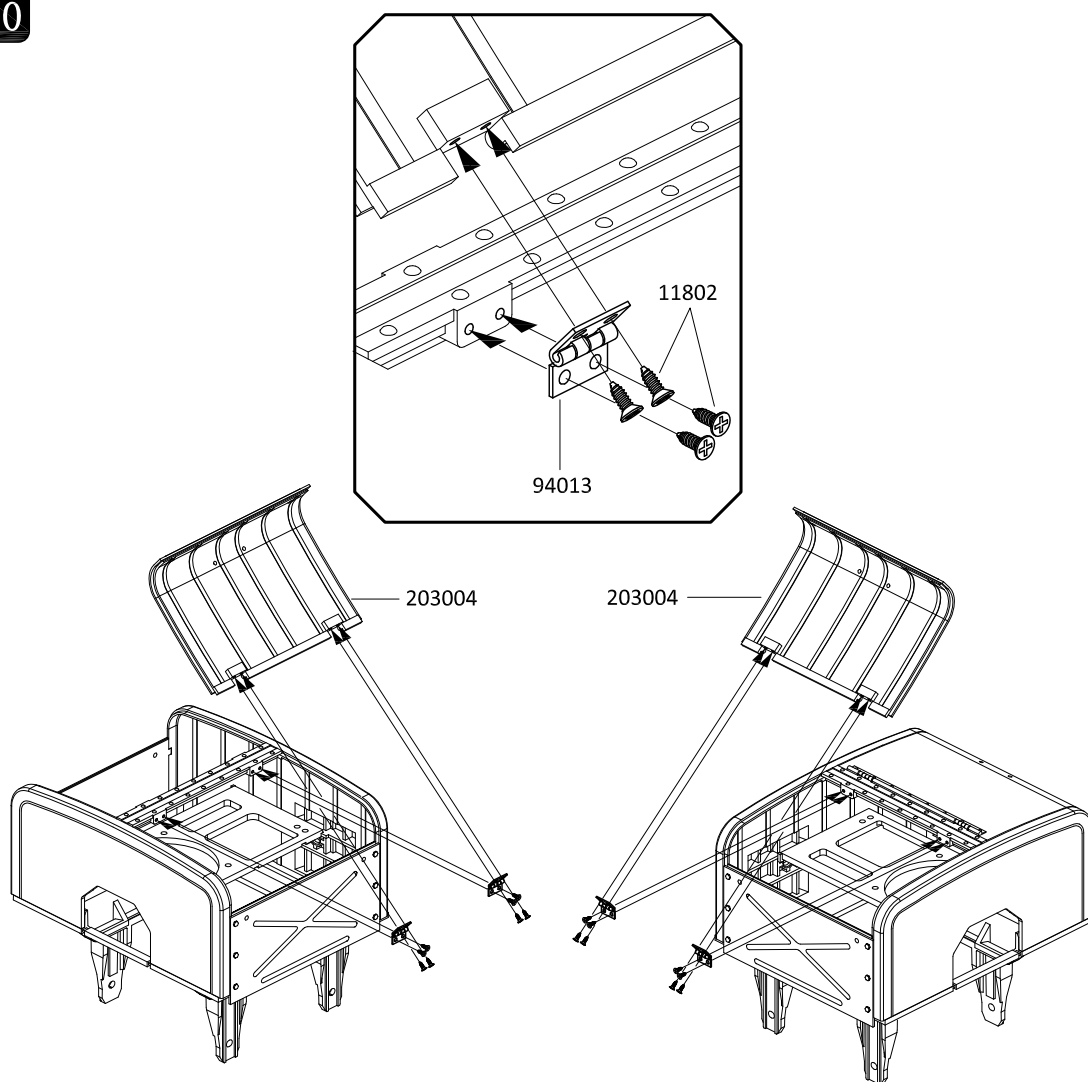


49

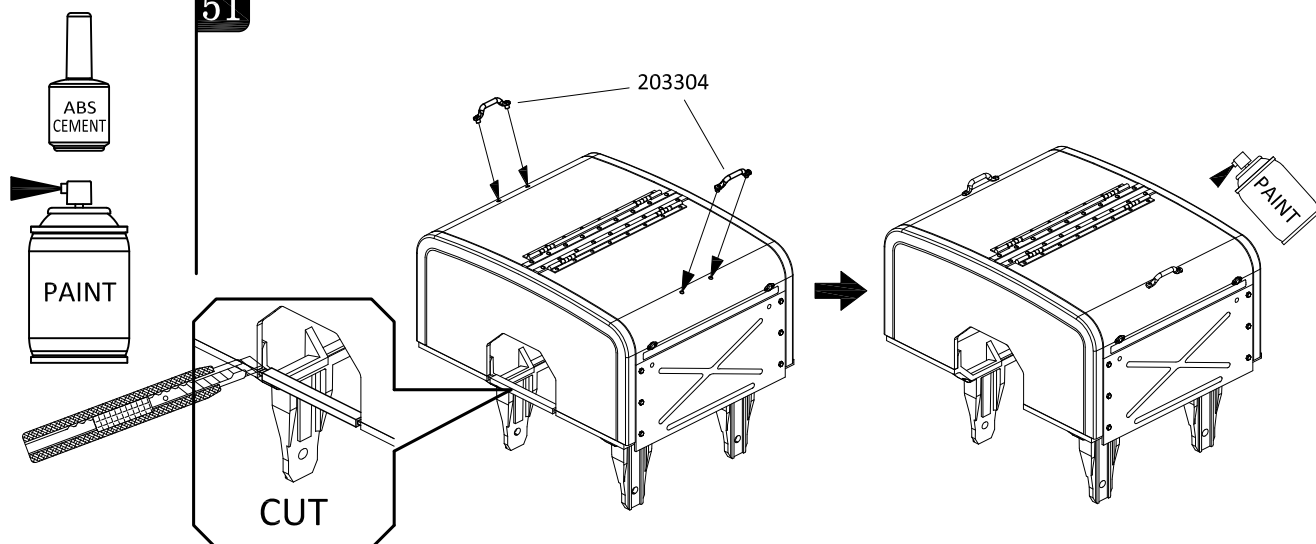


50

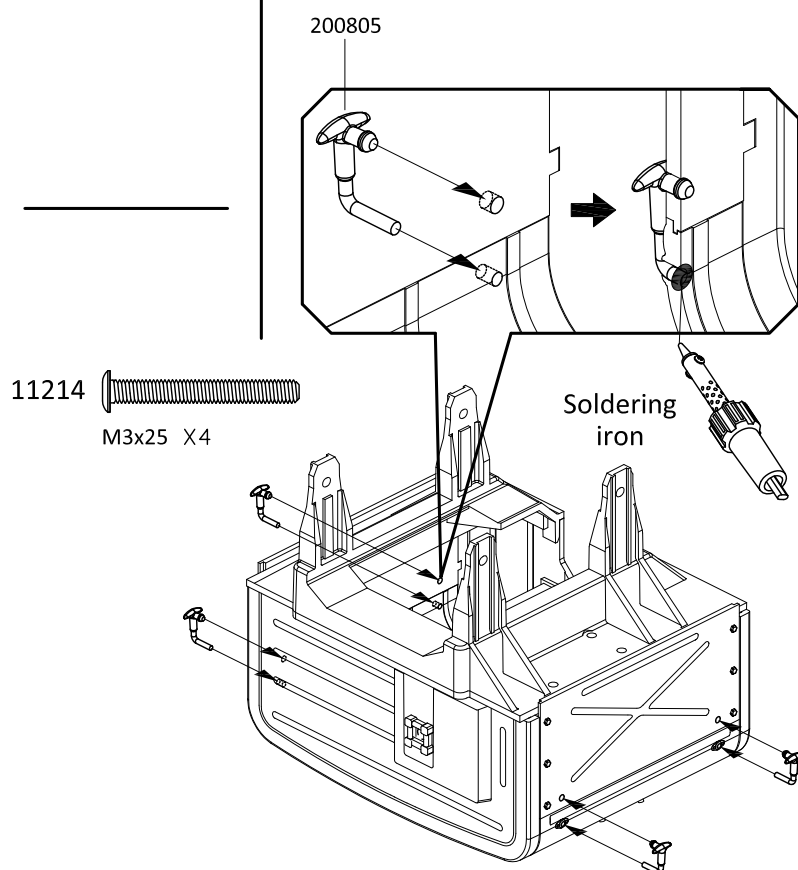
11802 
ST1.4x4 X16



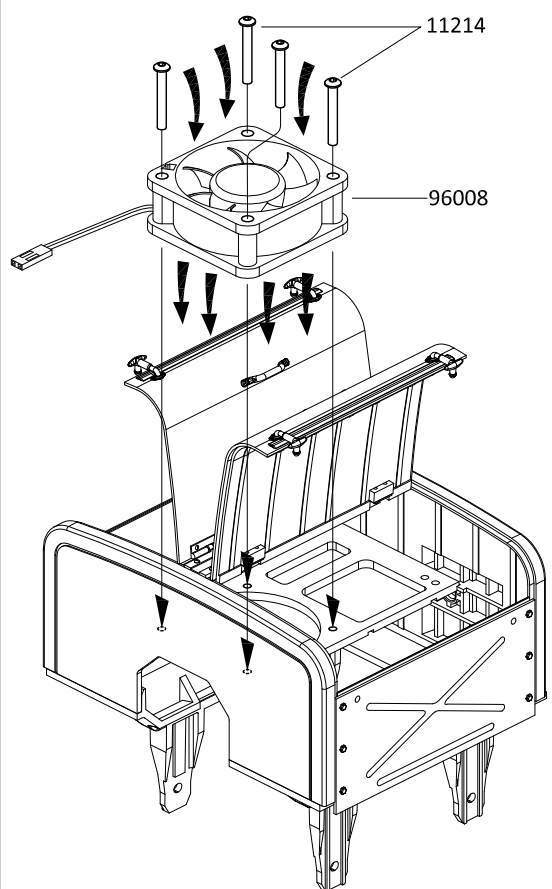
51




52

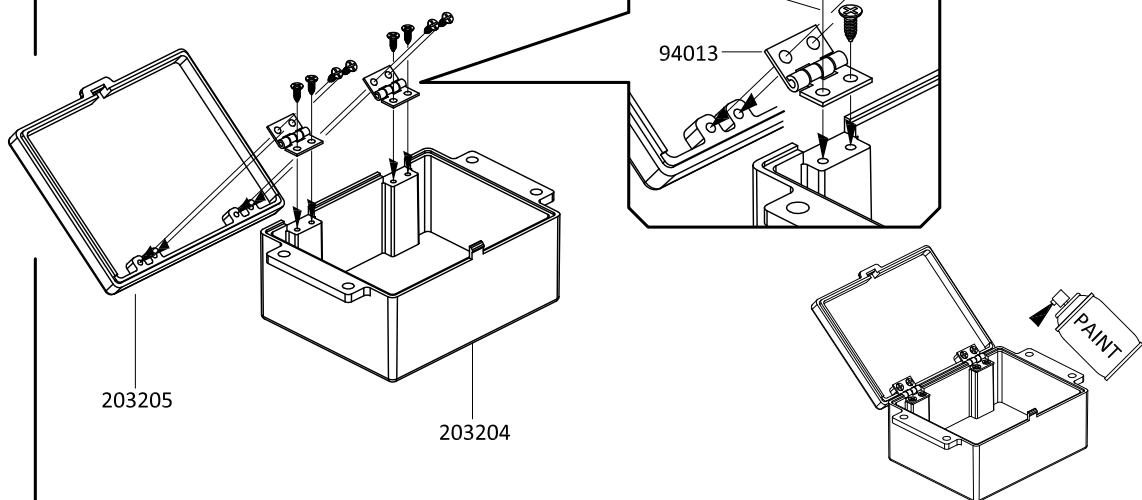


53




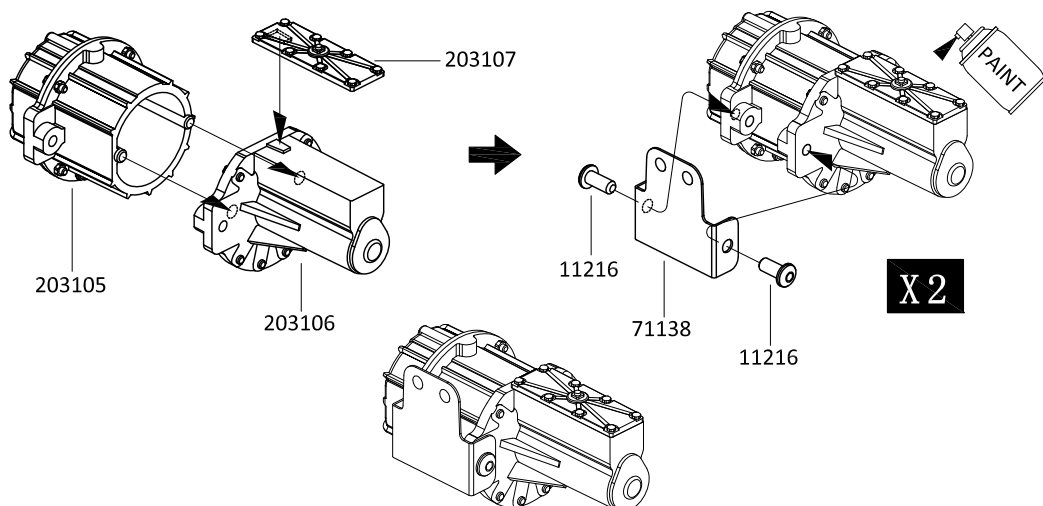
54

11802 
ST1.4x4 X8

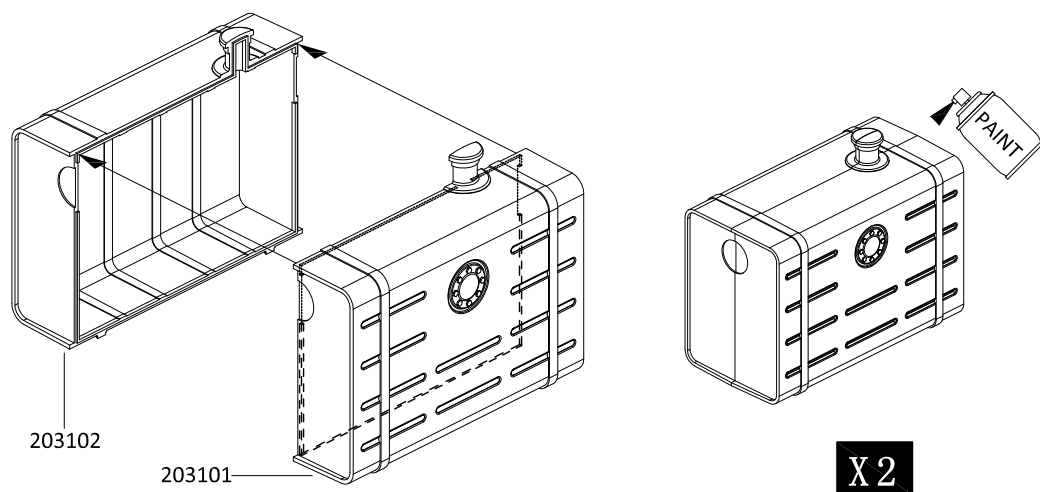


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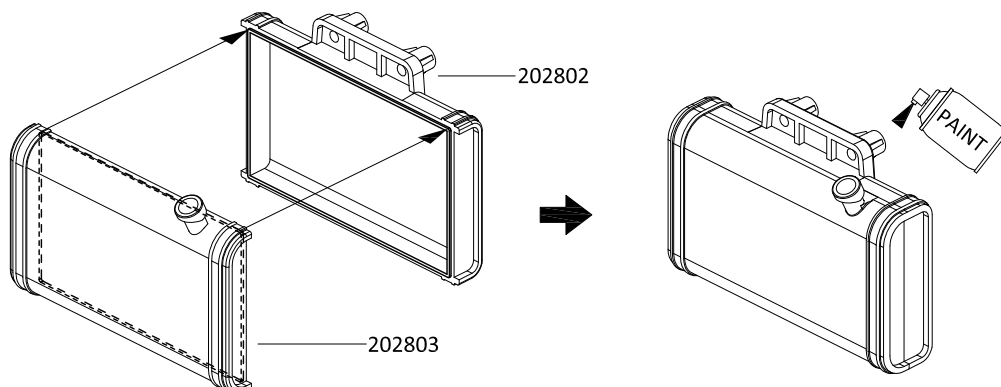
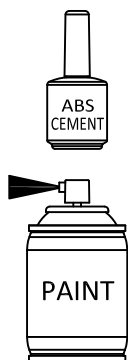
11216 
M2.5x6 X4



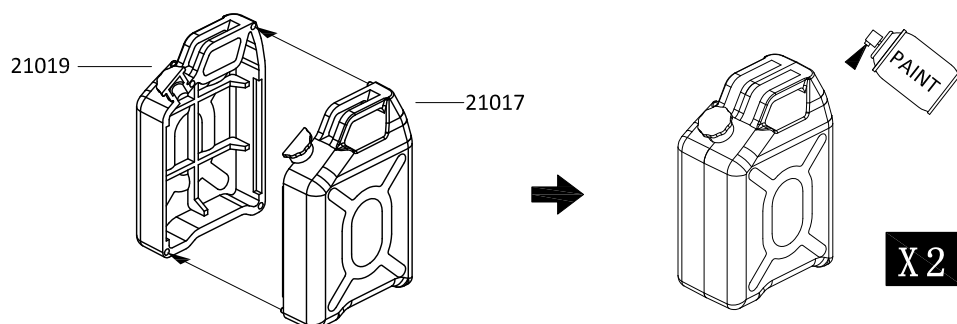
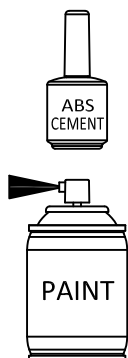
56



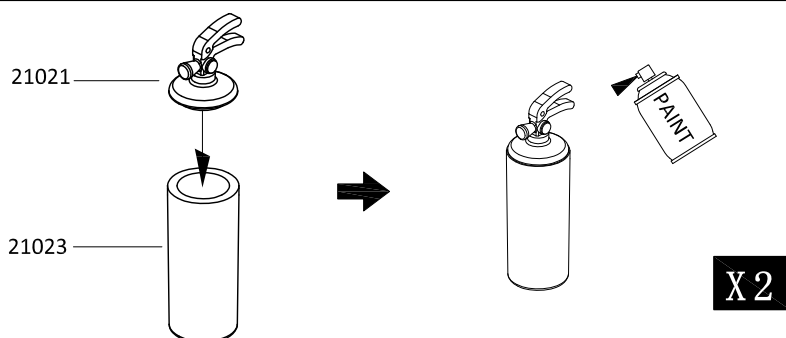
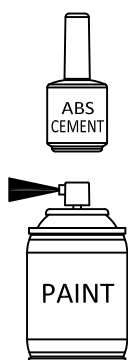
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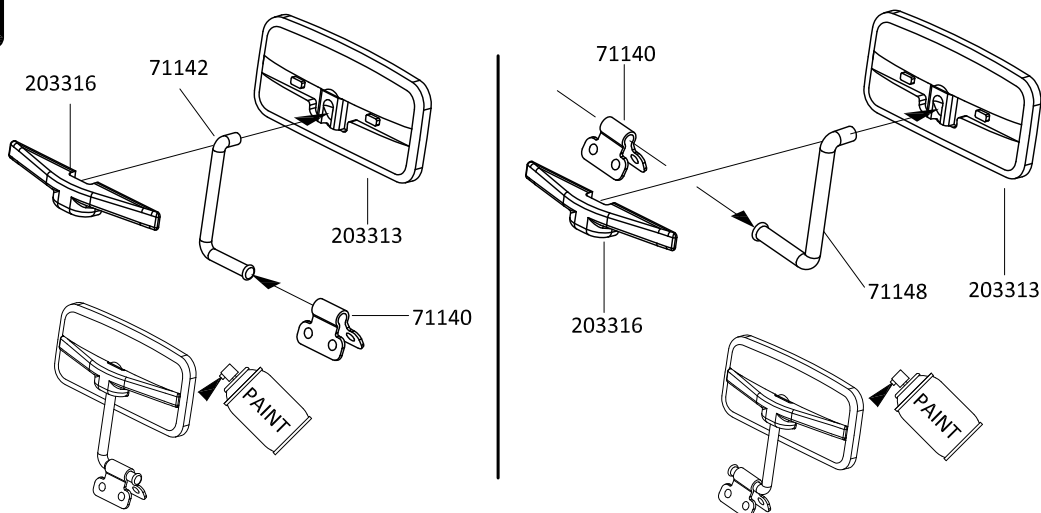
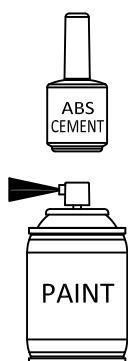
58




59

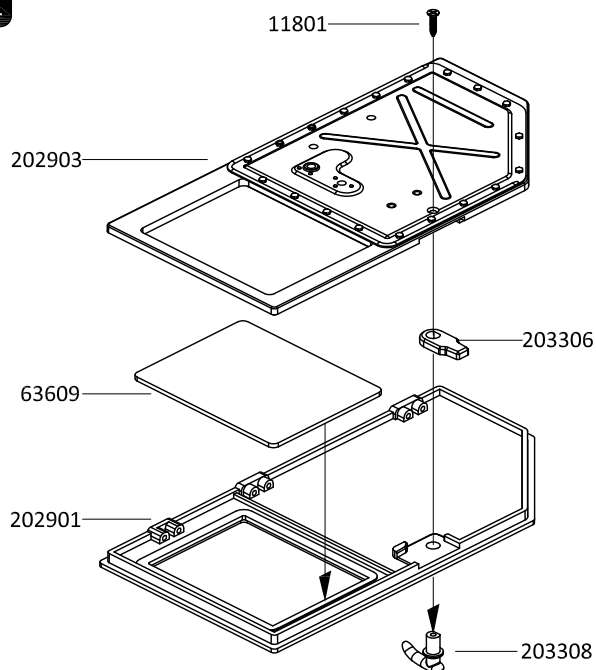


60




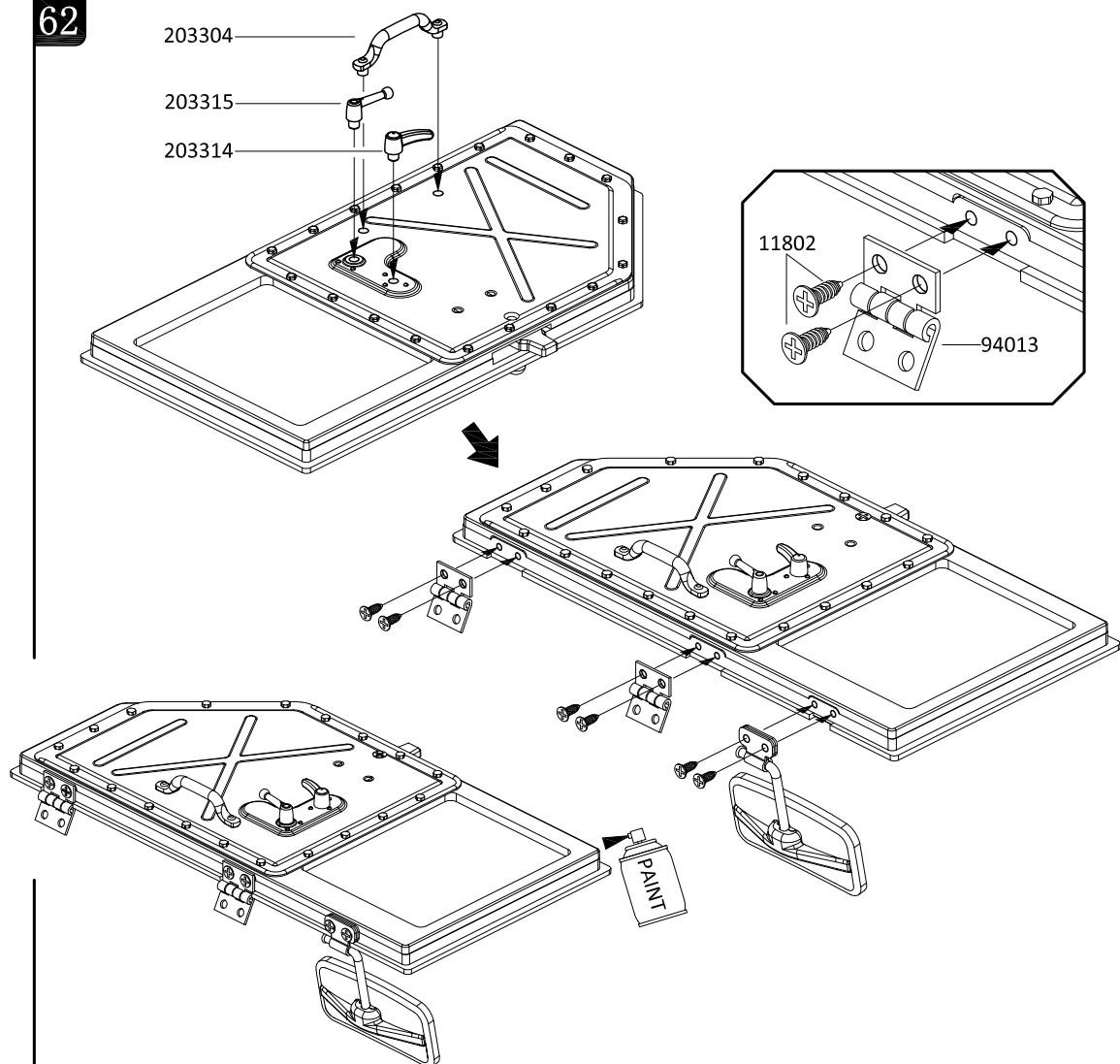
61

11801  ST1.4x6 X1




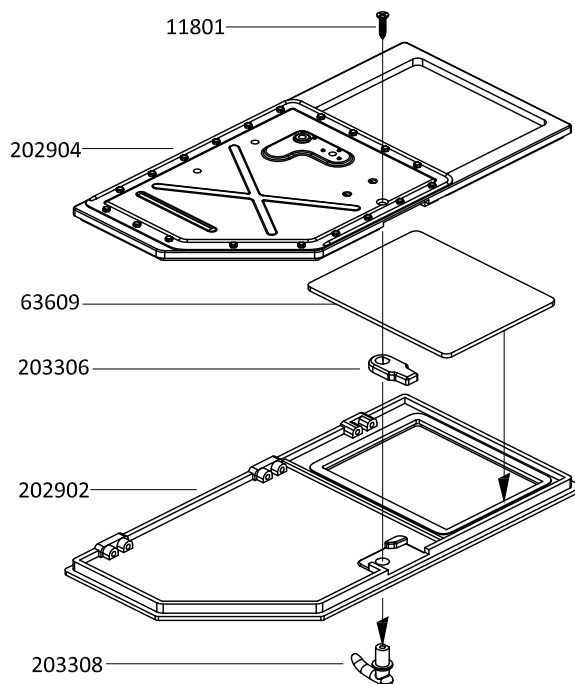
62

11802  ST1.4x4 X6




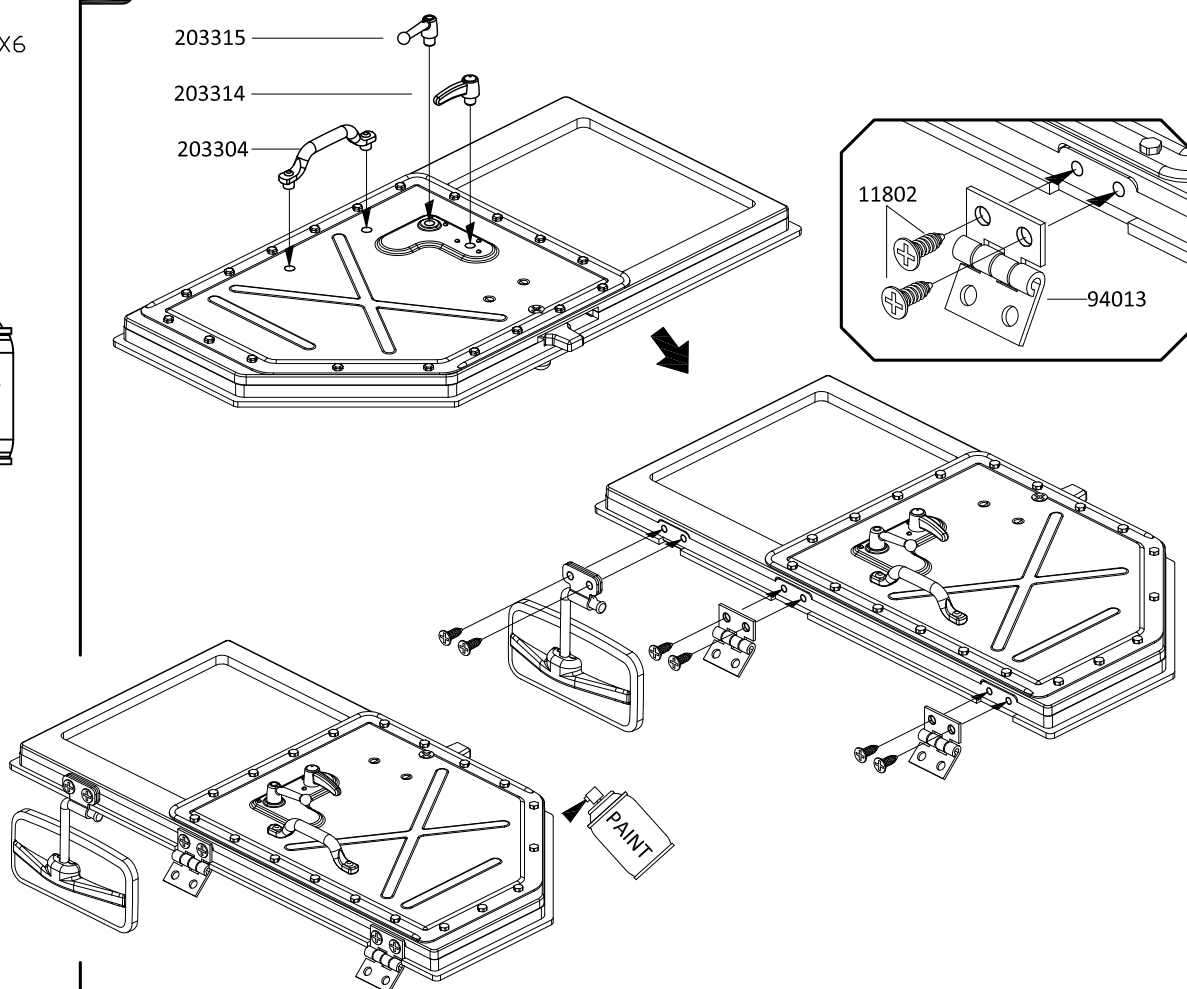
63

11801  ST1.4x6 X1




64

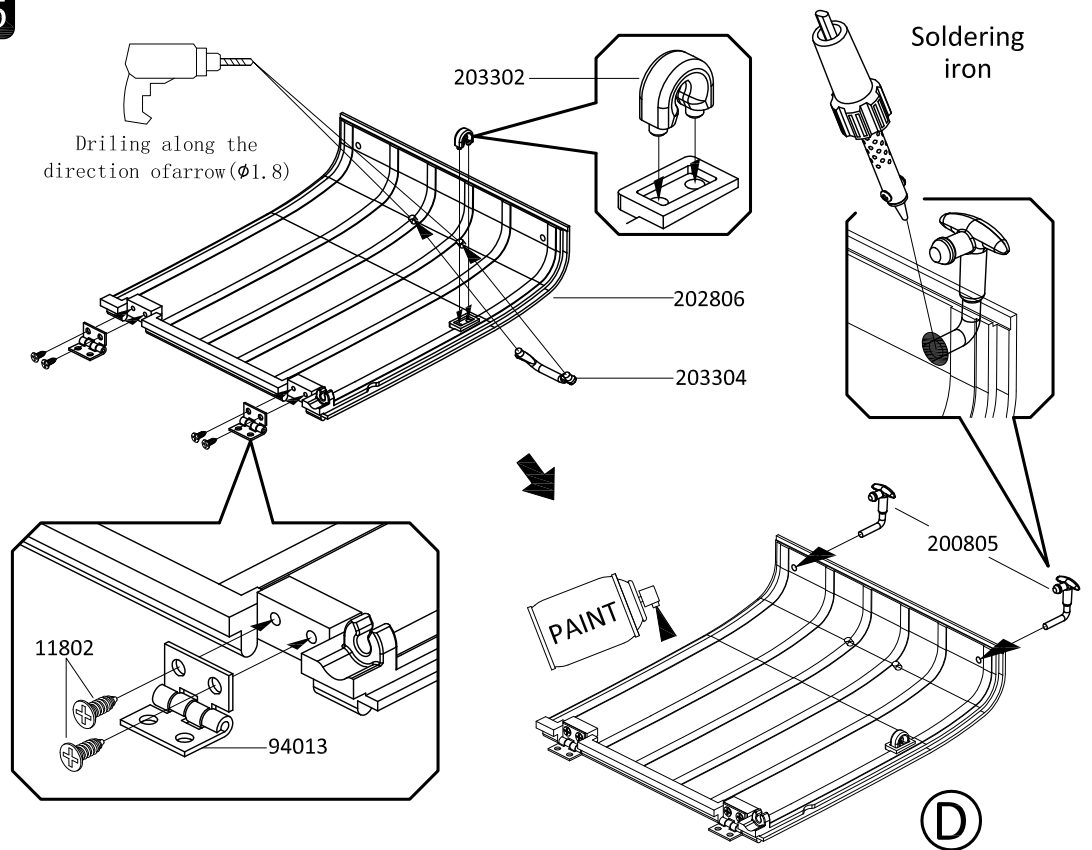
11802  ST1.4x4 X6




65

11802 

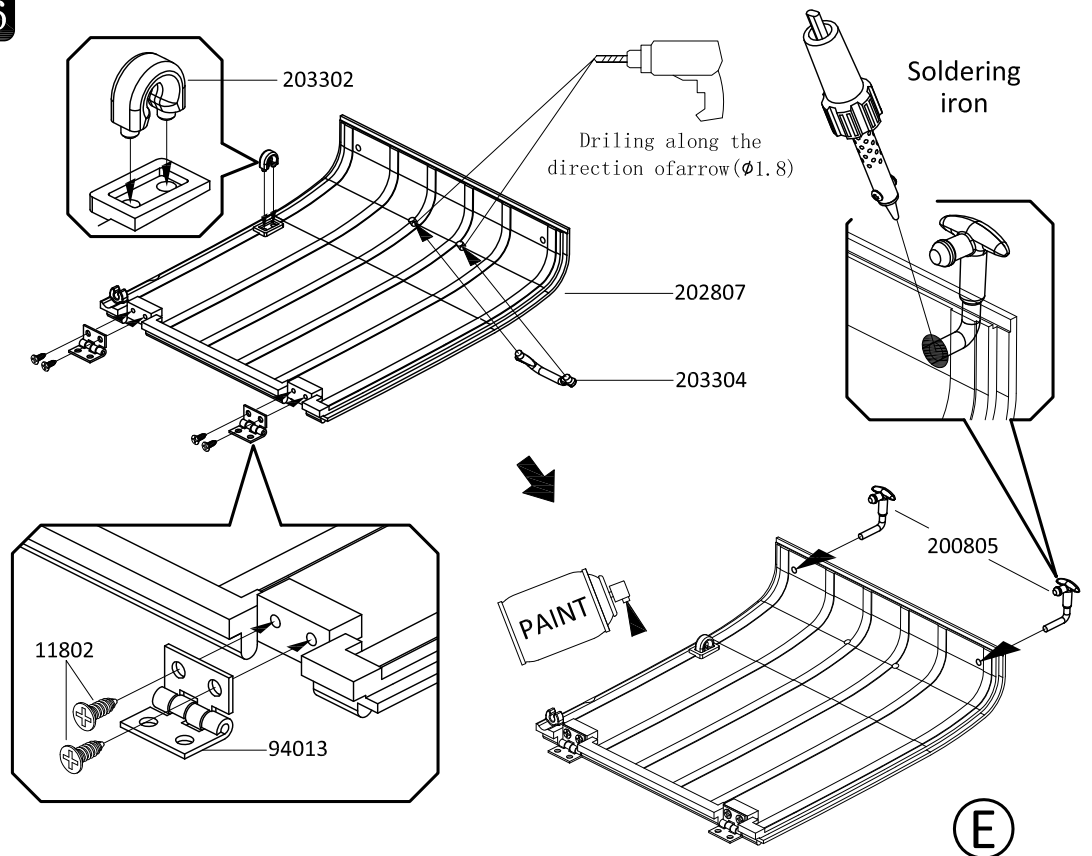
ST1.4x4 X4




66

11802 

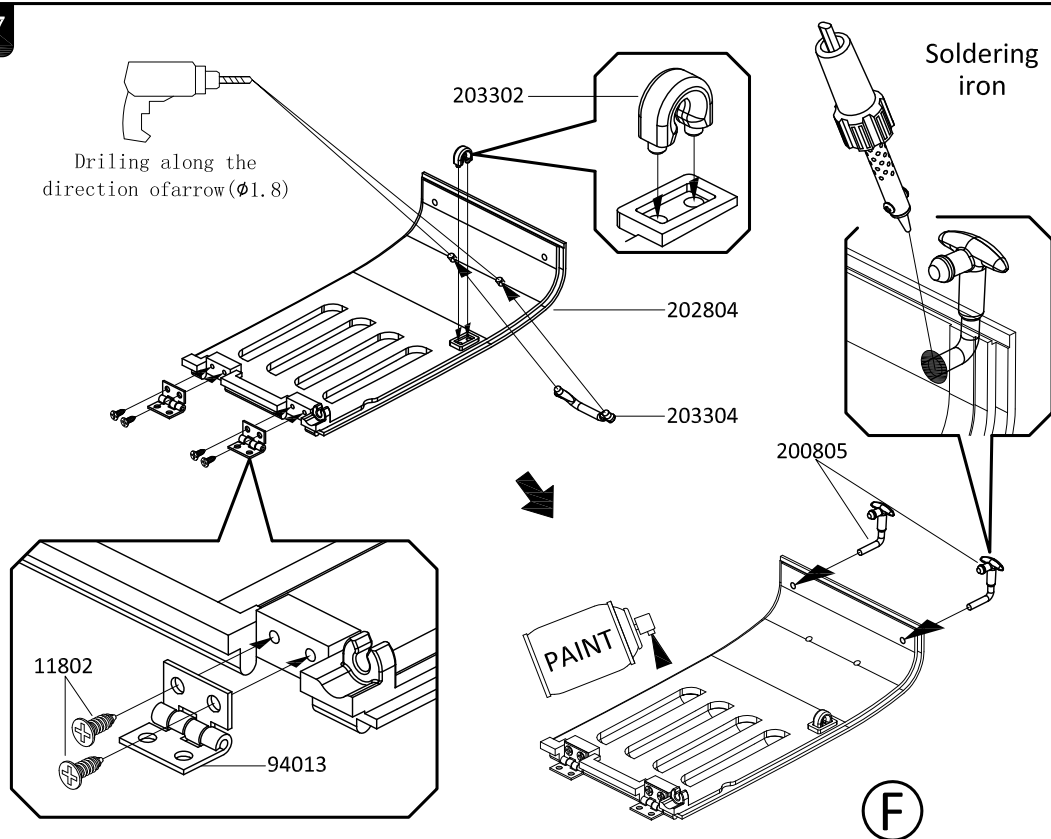
ST1.4x4 X4




67

11802 

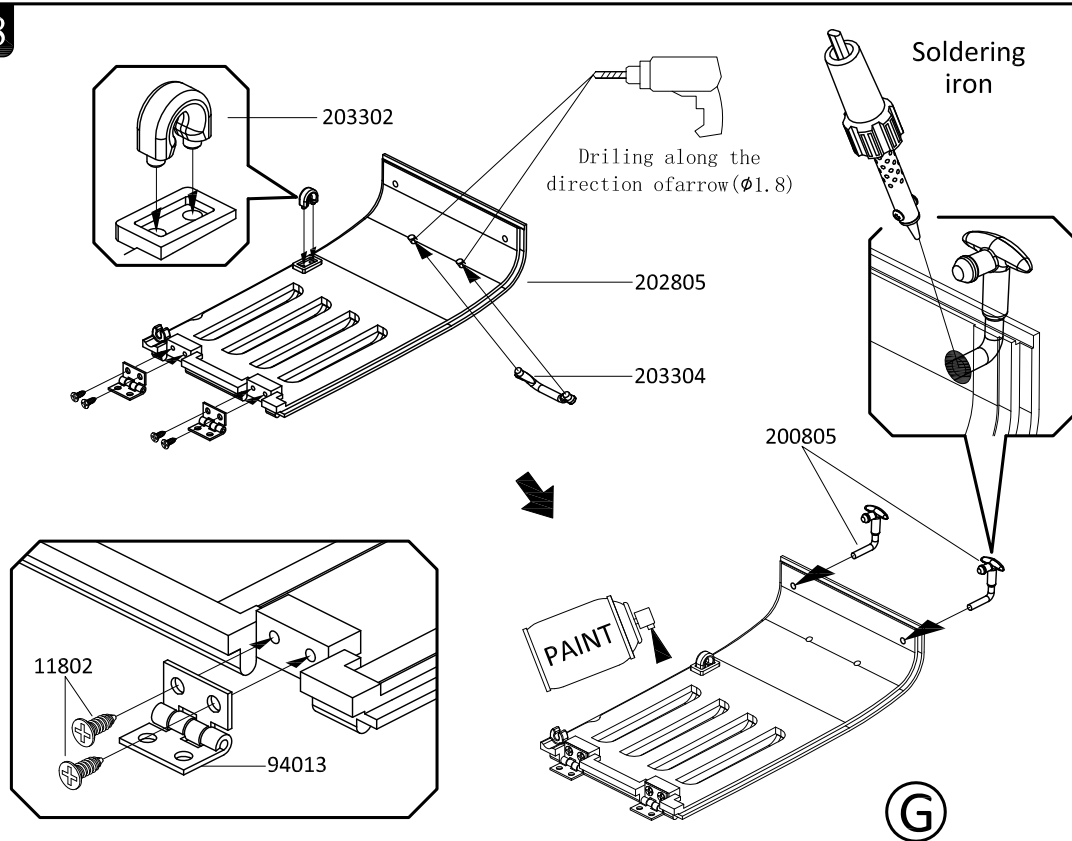
ST1.4x4 X4




68

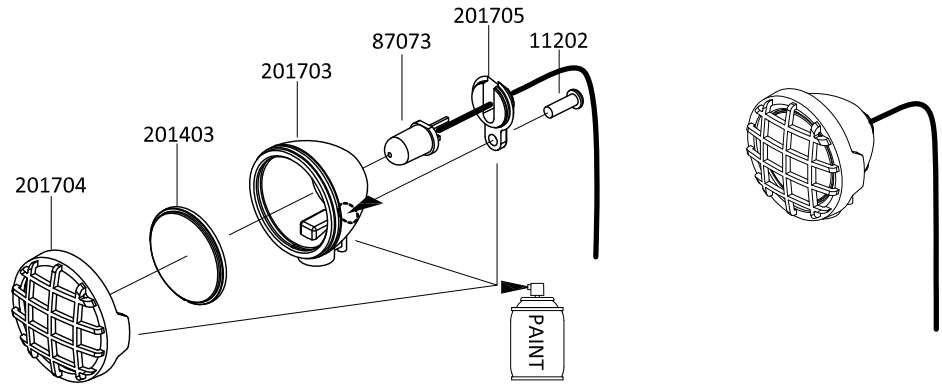
11802 

ST1.4x4 X4




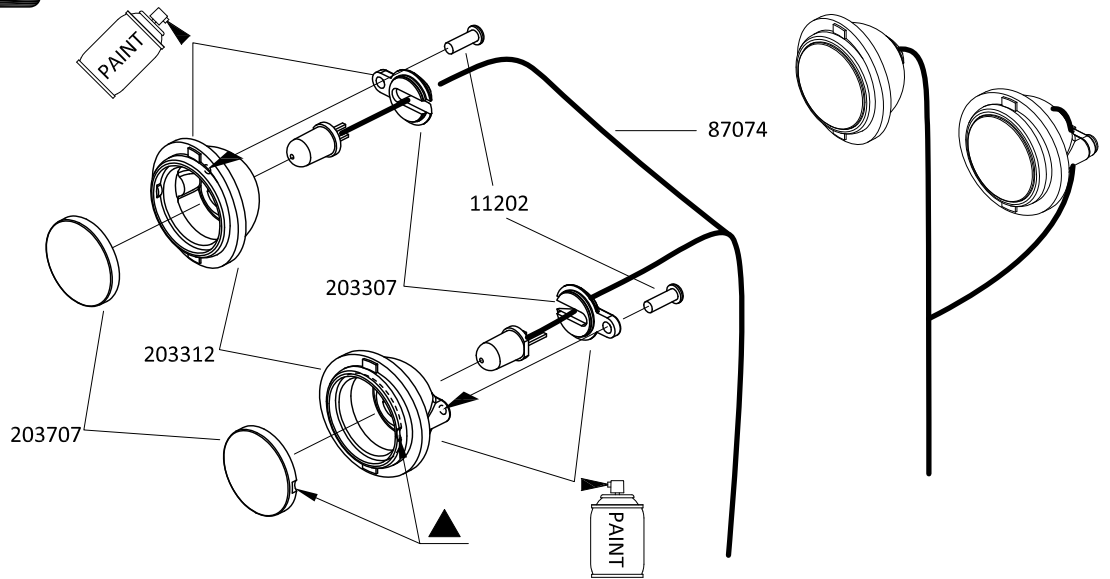
69

11202  M2x6 X1




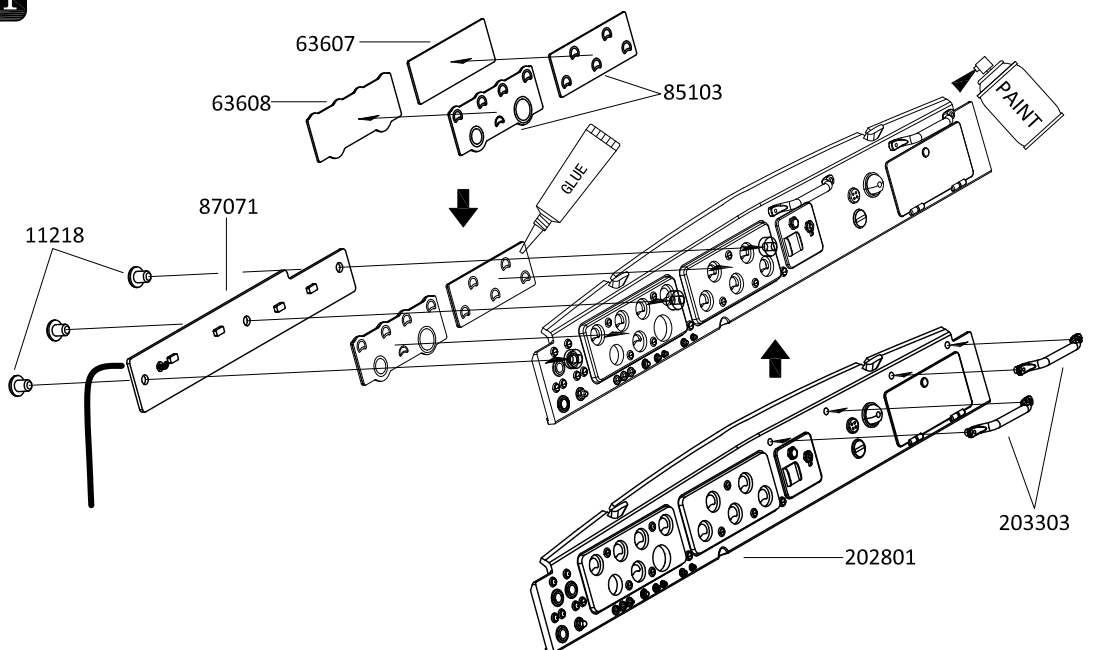
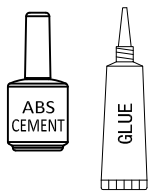
70

11202  M2x6 X2

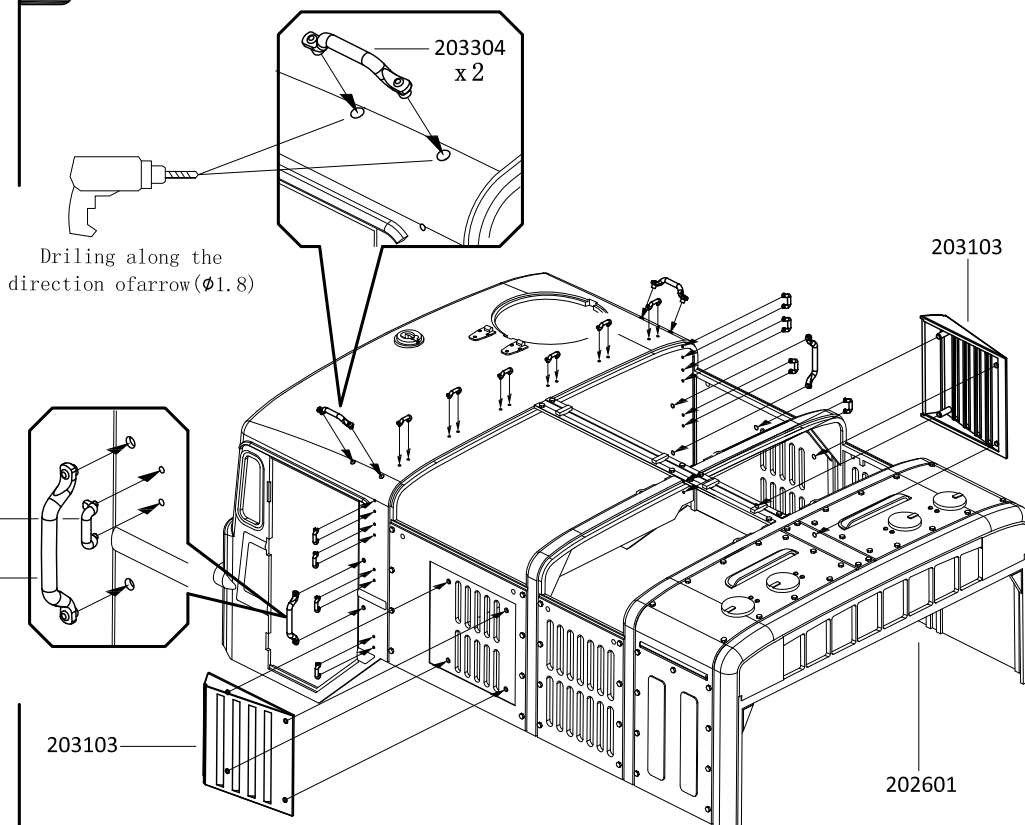


71

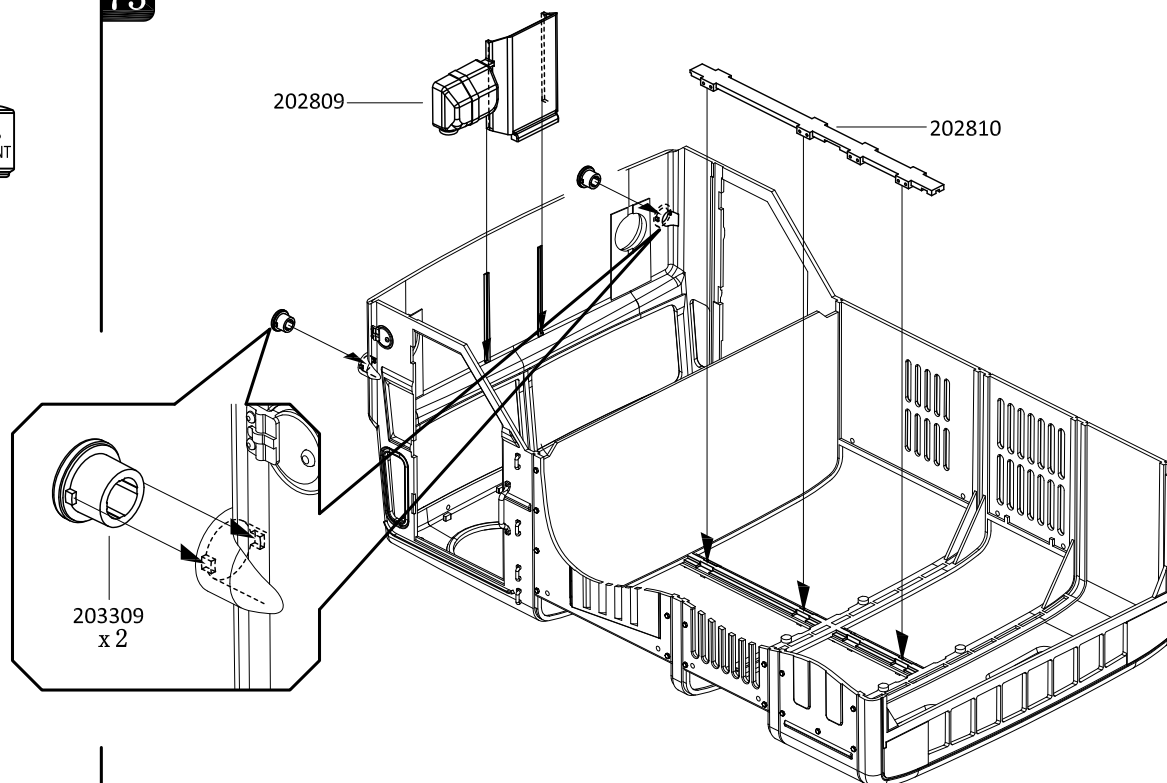
11218  M2.5x4 X3



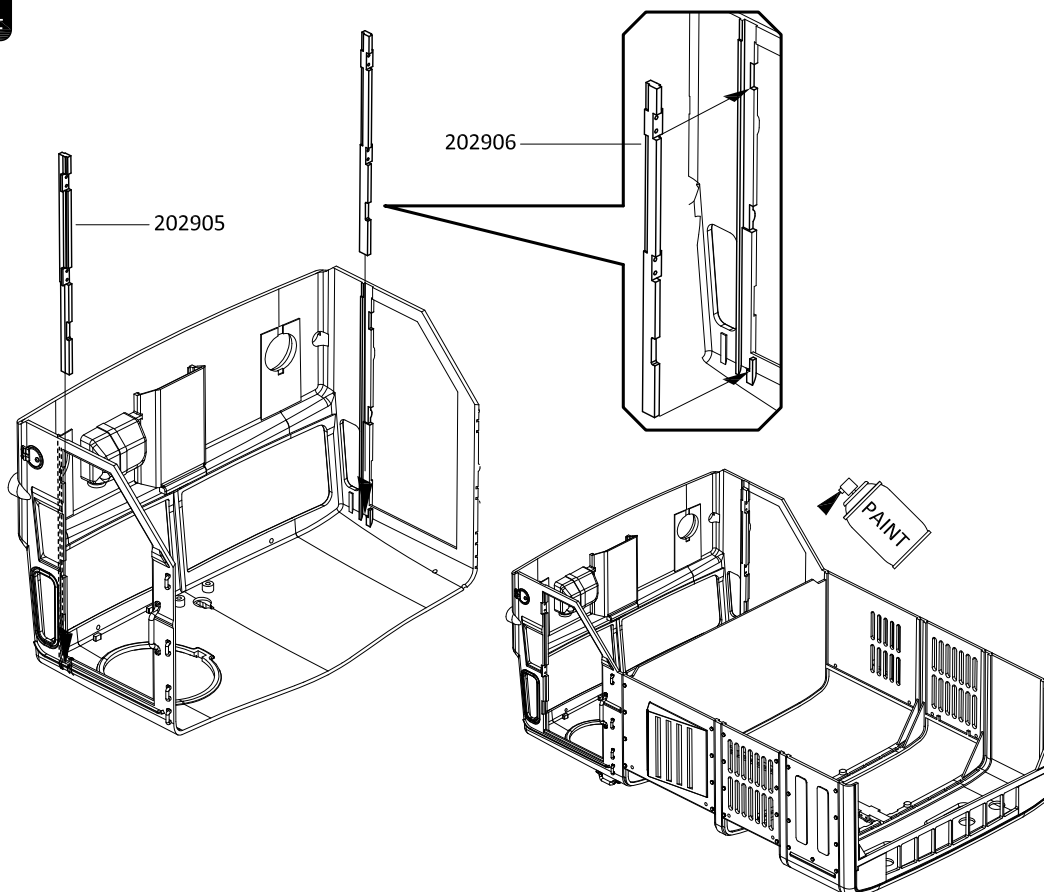
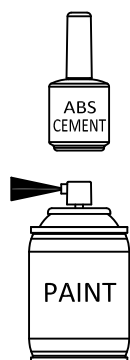
72




73

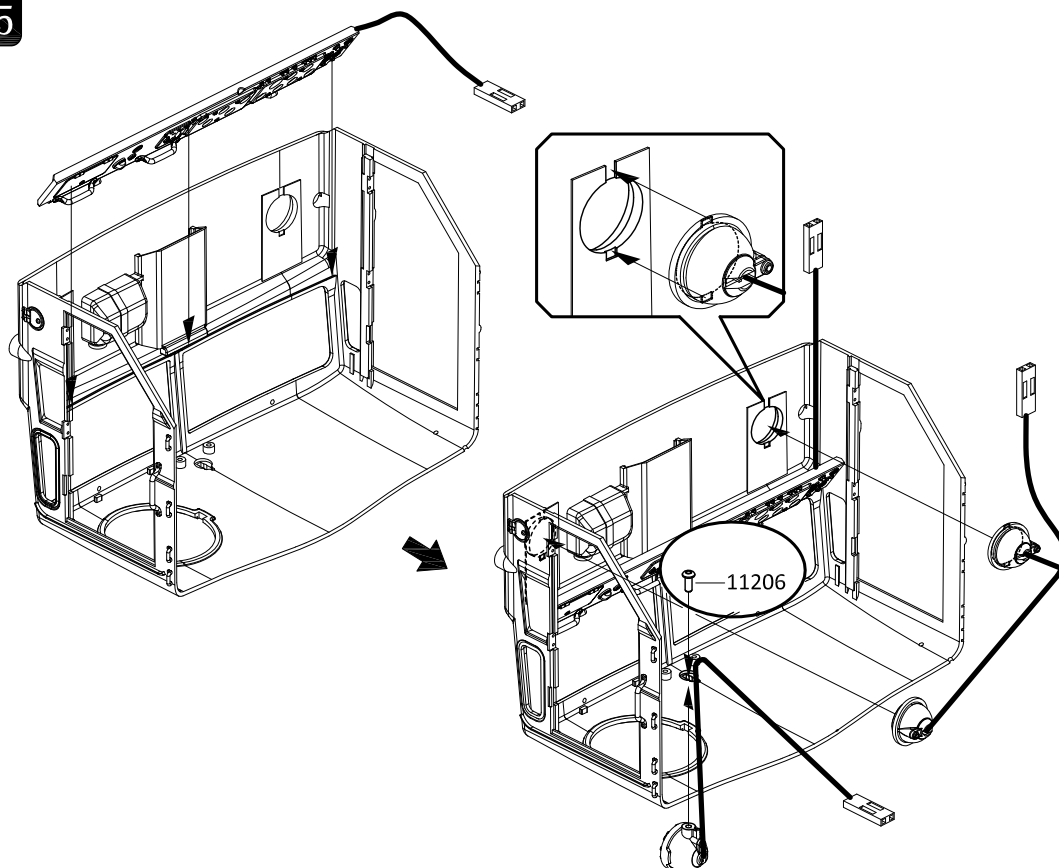


74



75

11206 
M3x8 X1

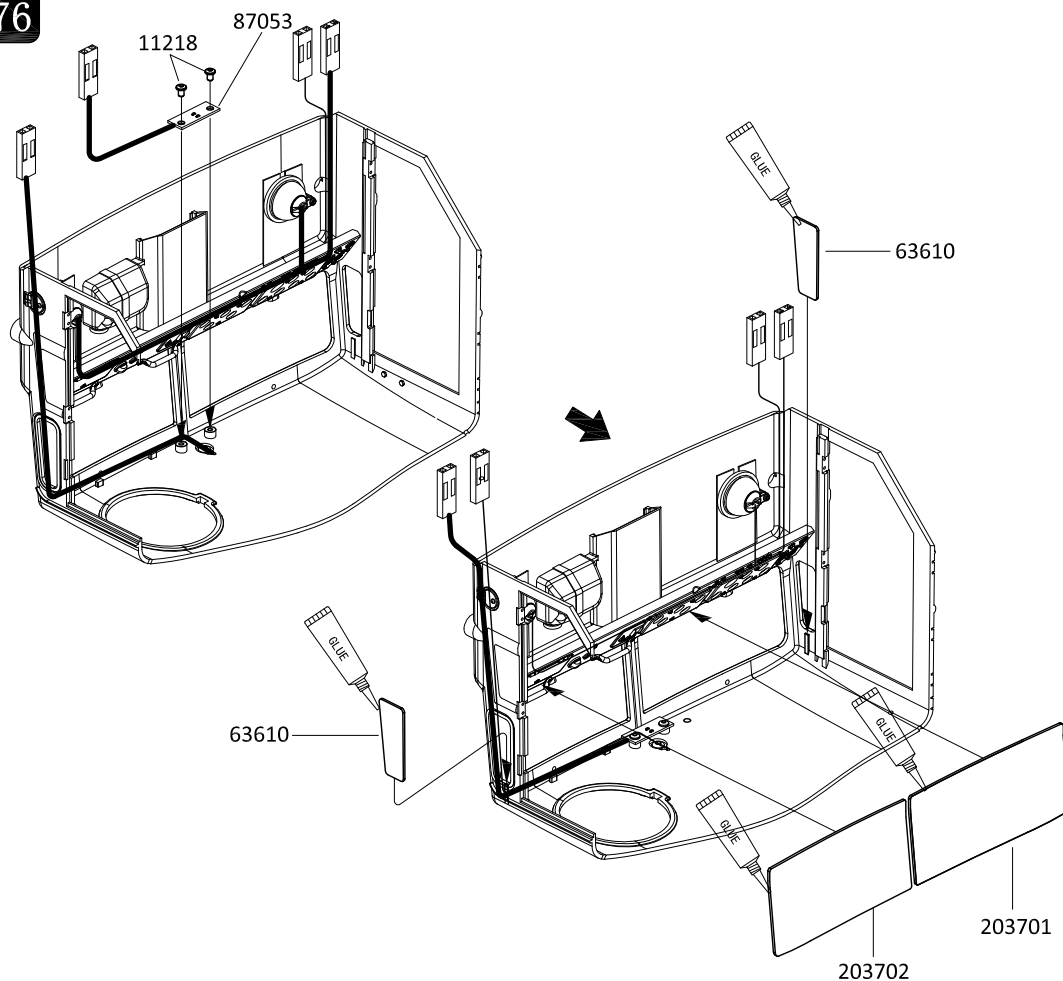


76

11218



M2.5x4 X2

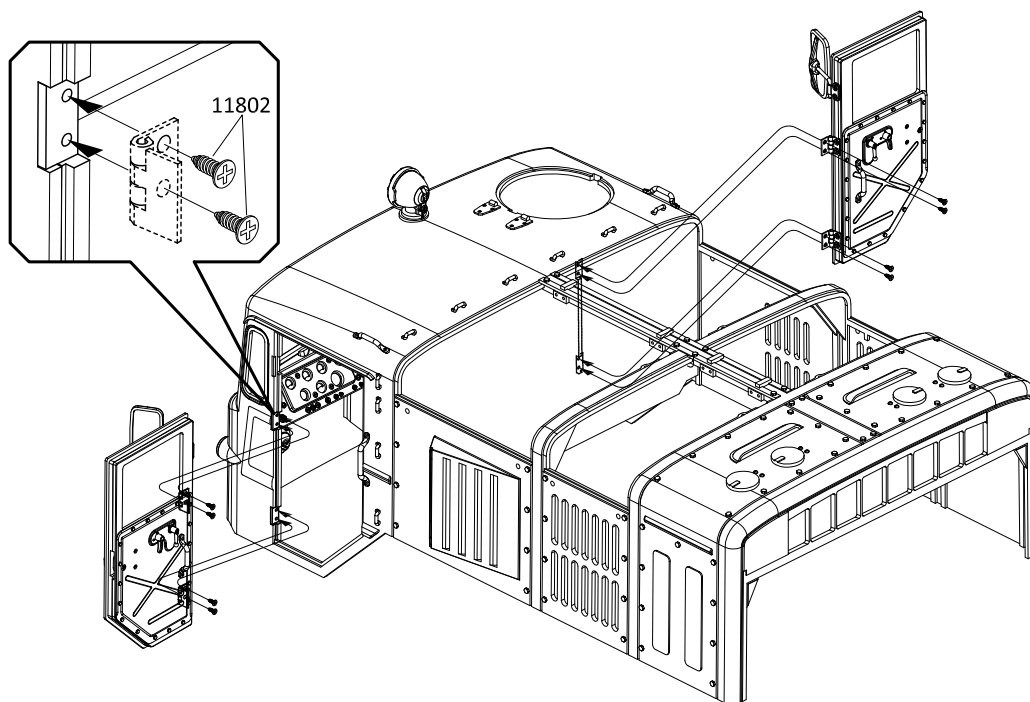


77

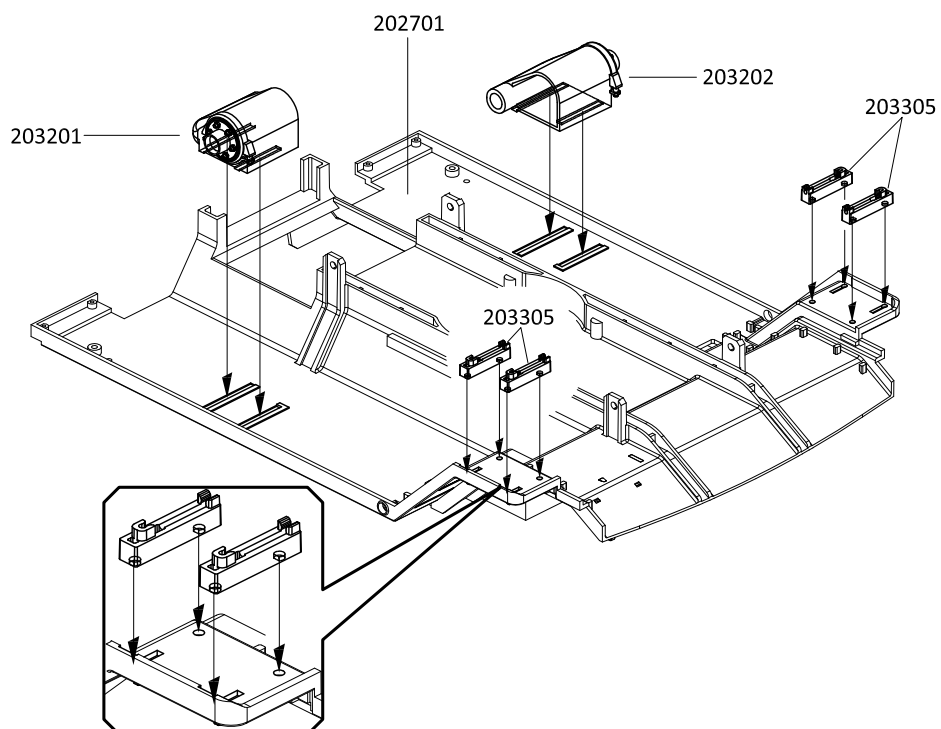
11802



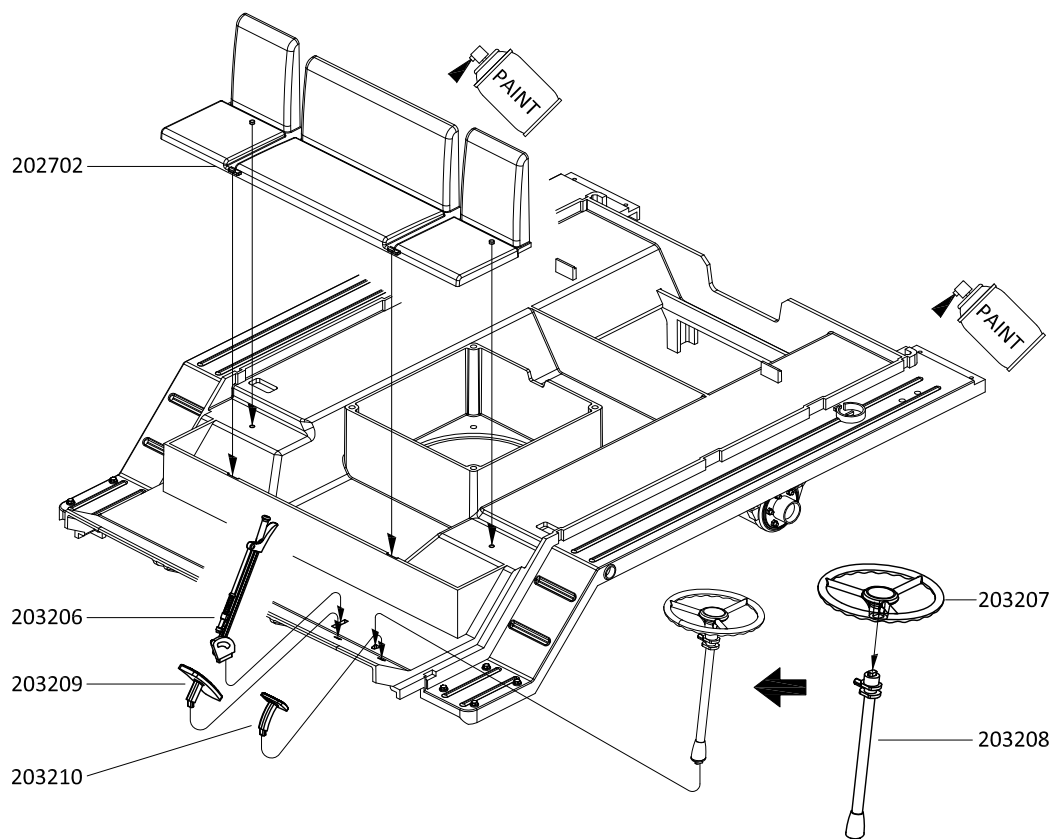
ST1.4x4 X8



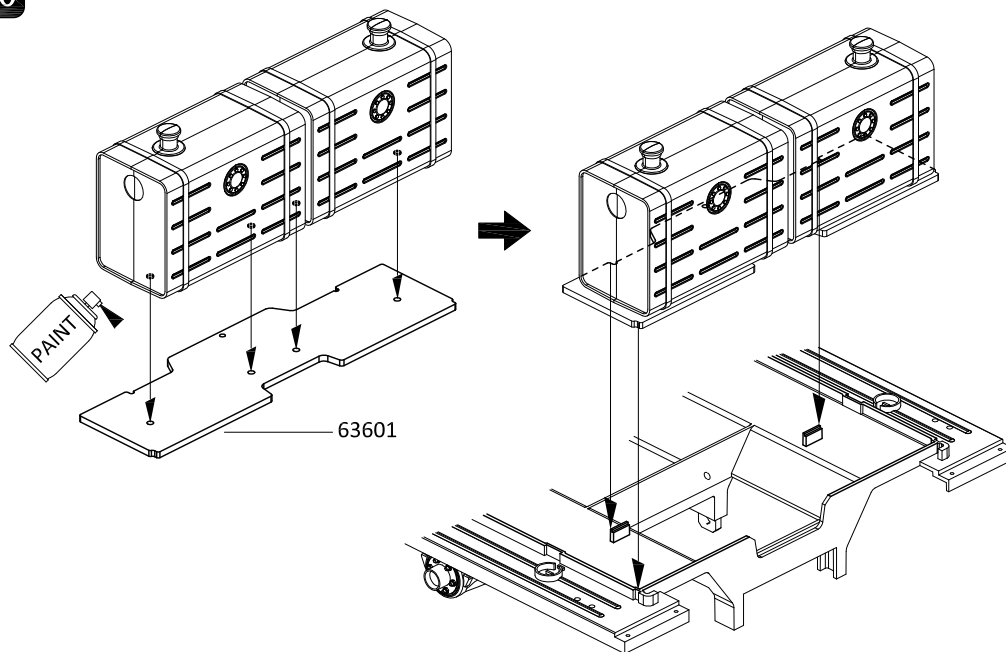
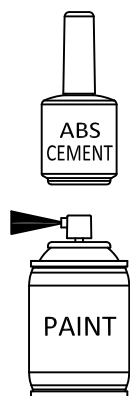
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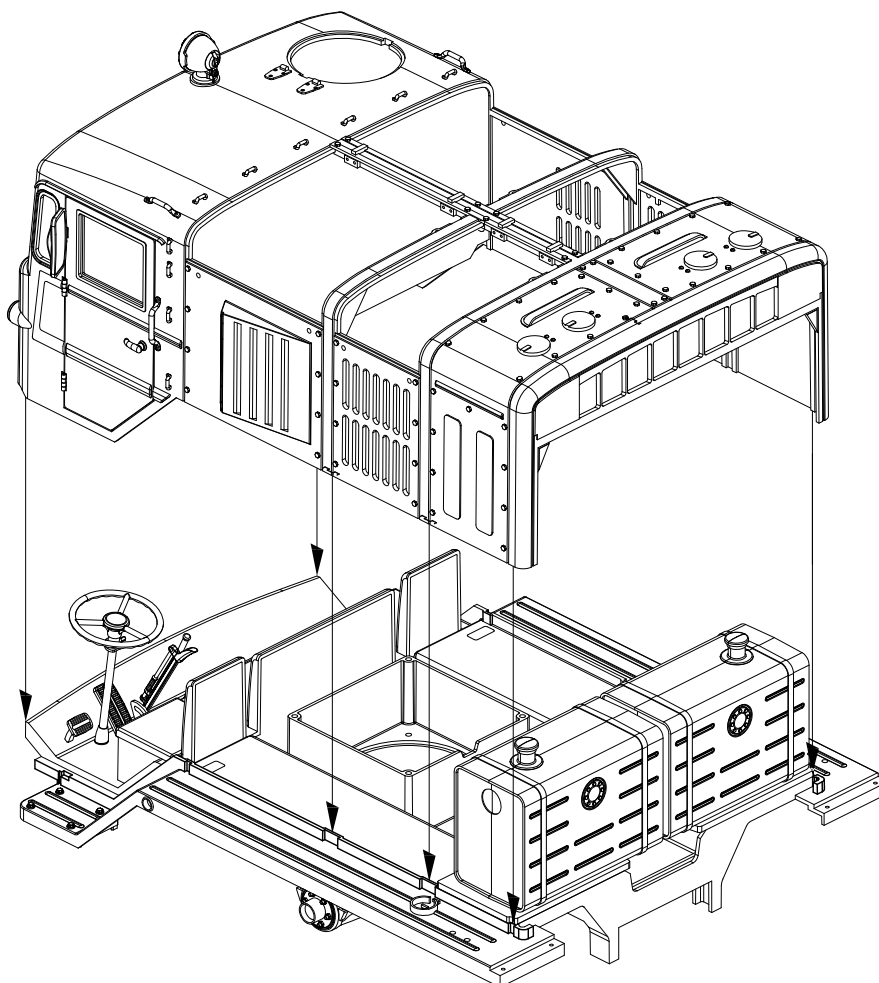
79




80

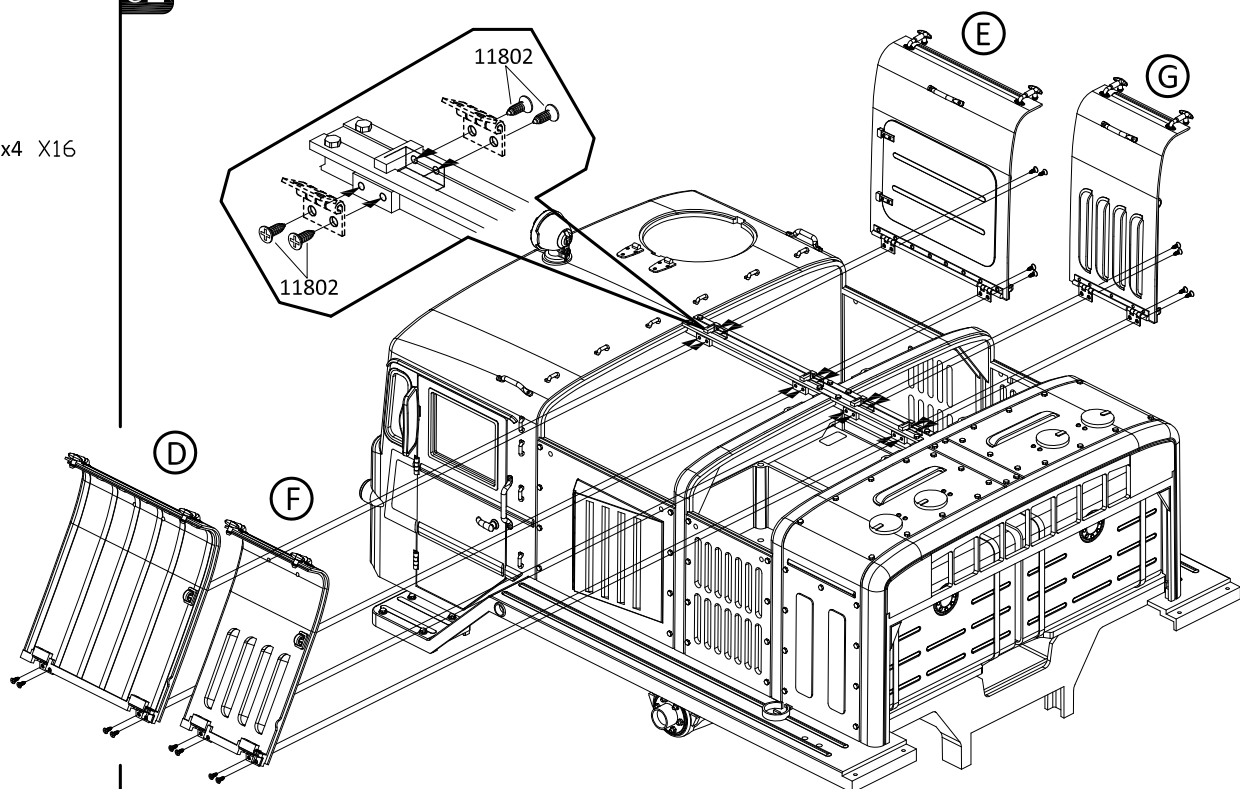


81

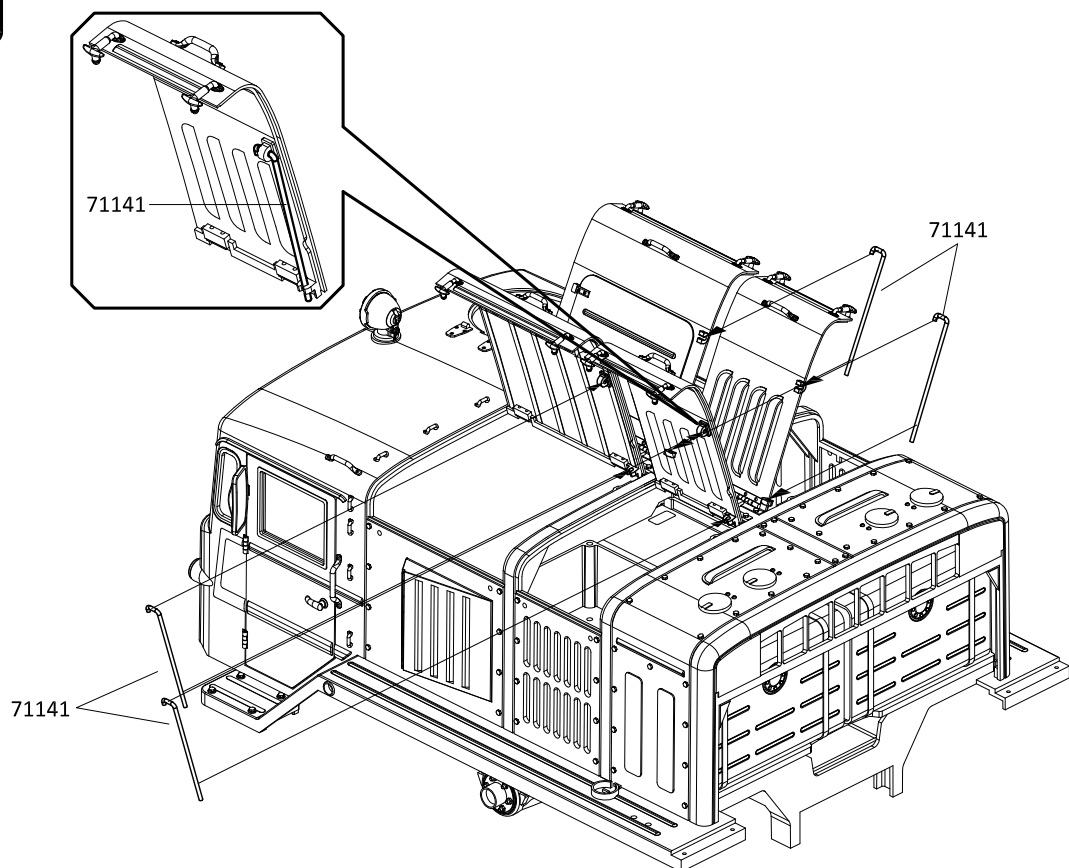


82

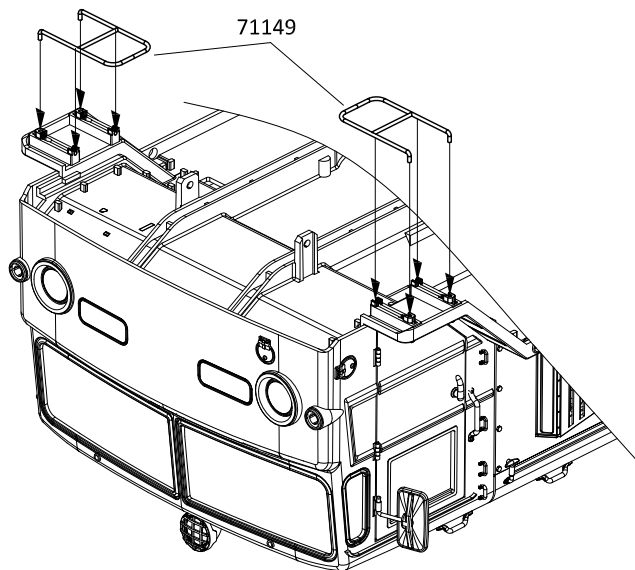
11802 
ST1.4x4 X16



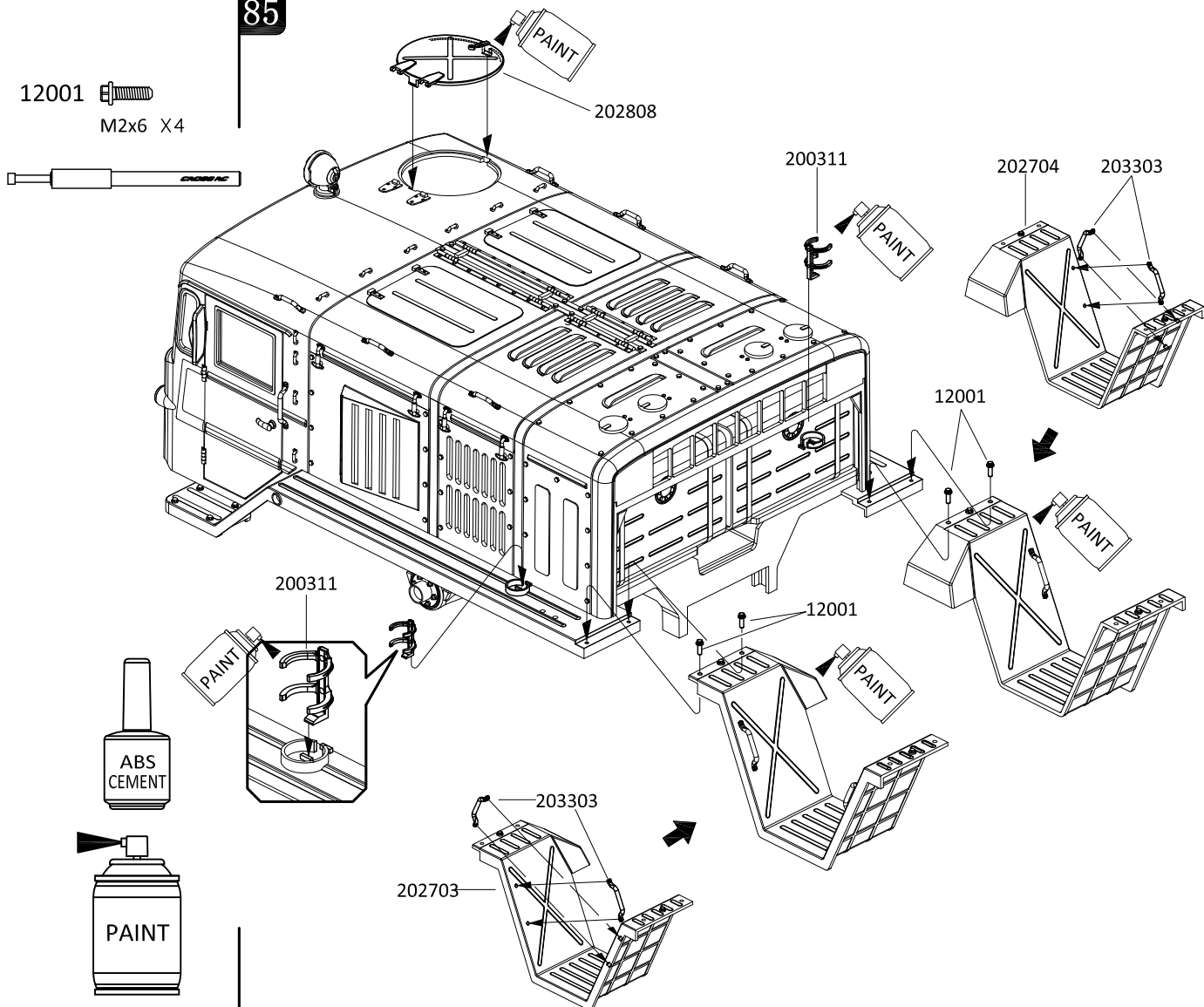
83



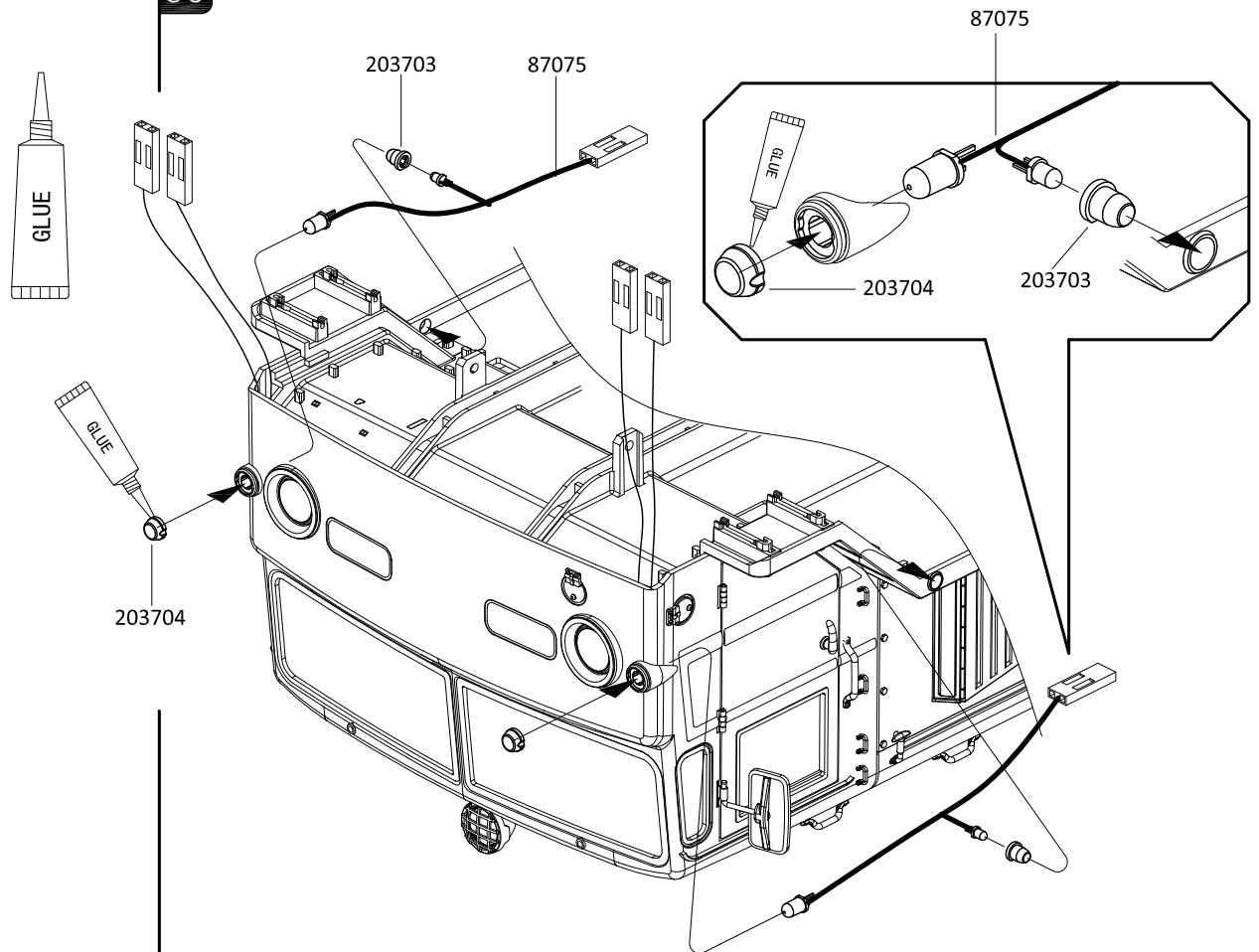
84



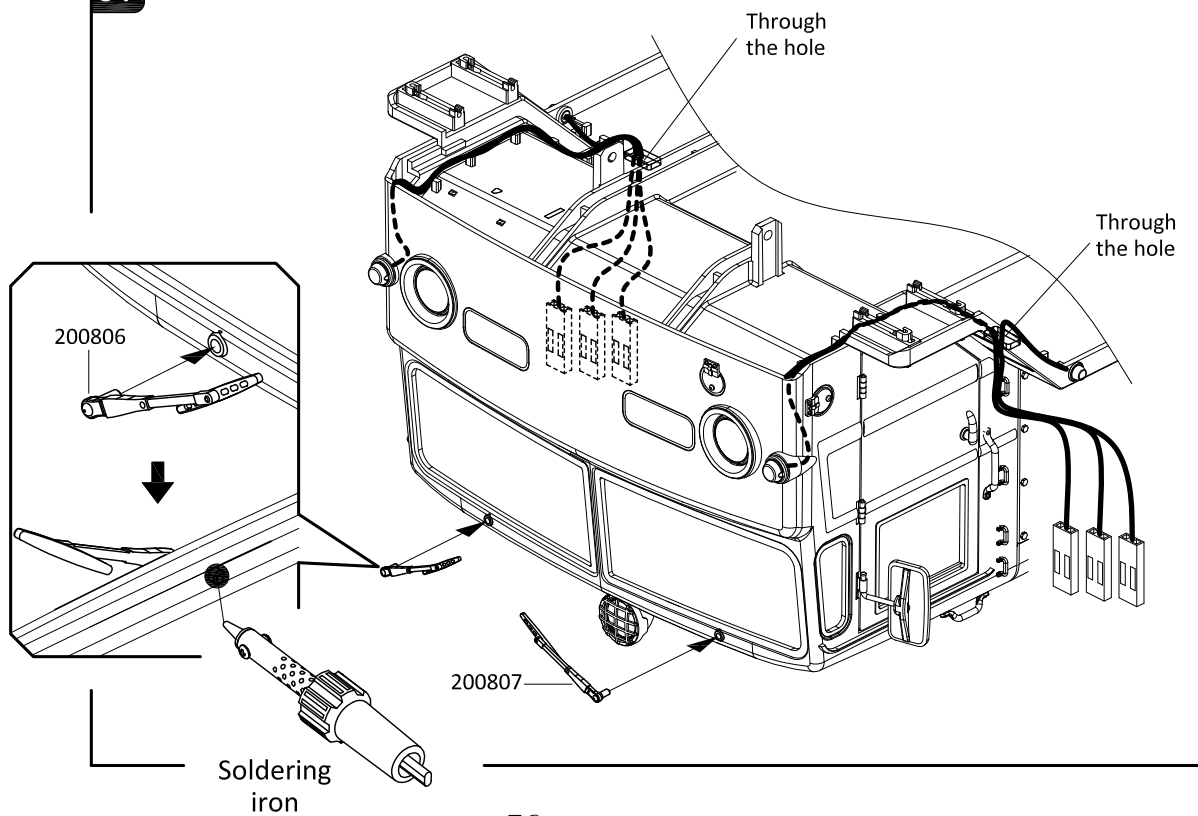
85



86



87



88

X4

GLUE

PAINT

GLUE

Hot glue

11206

63602

91004

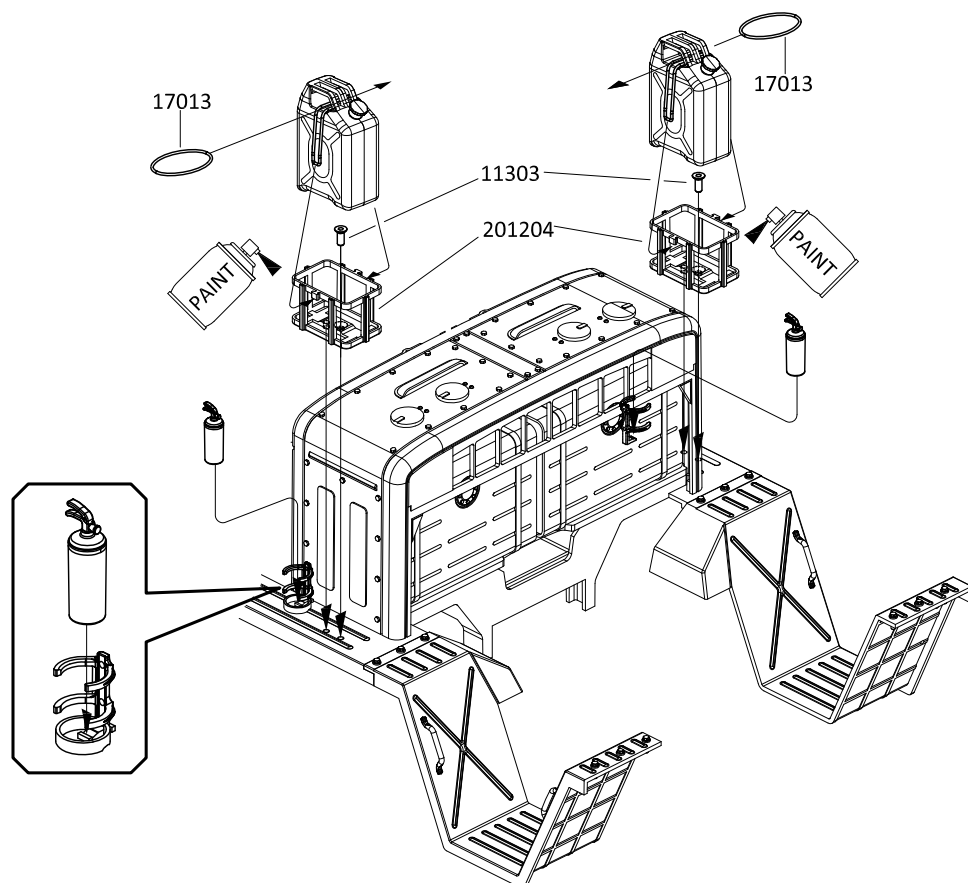
73060

71152


73060

71152


89

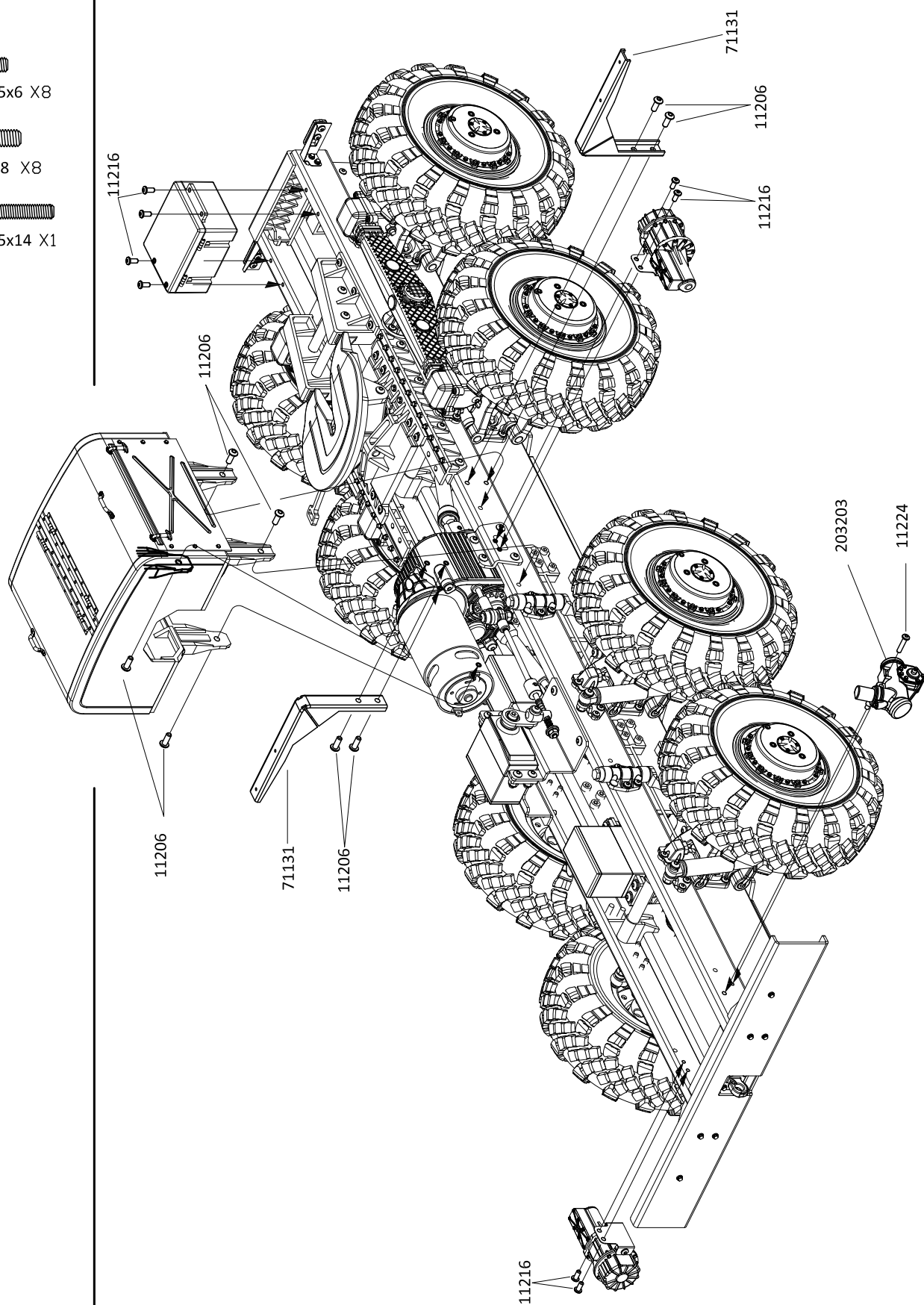


90


11216 
M2.5x6 X8


11206 
M3x8 X8


11224 
M2.5x14 X1

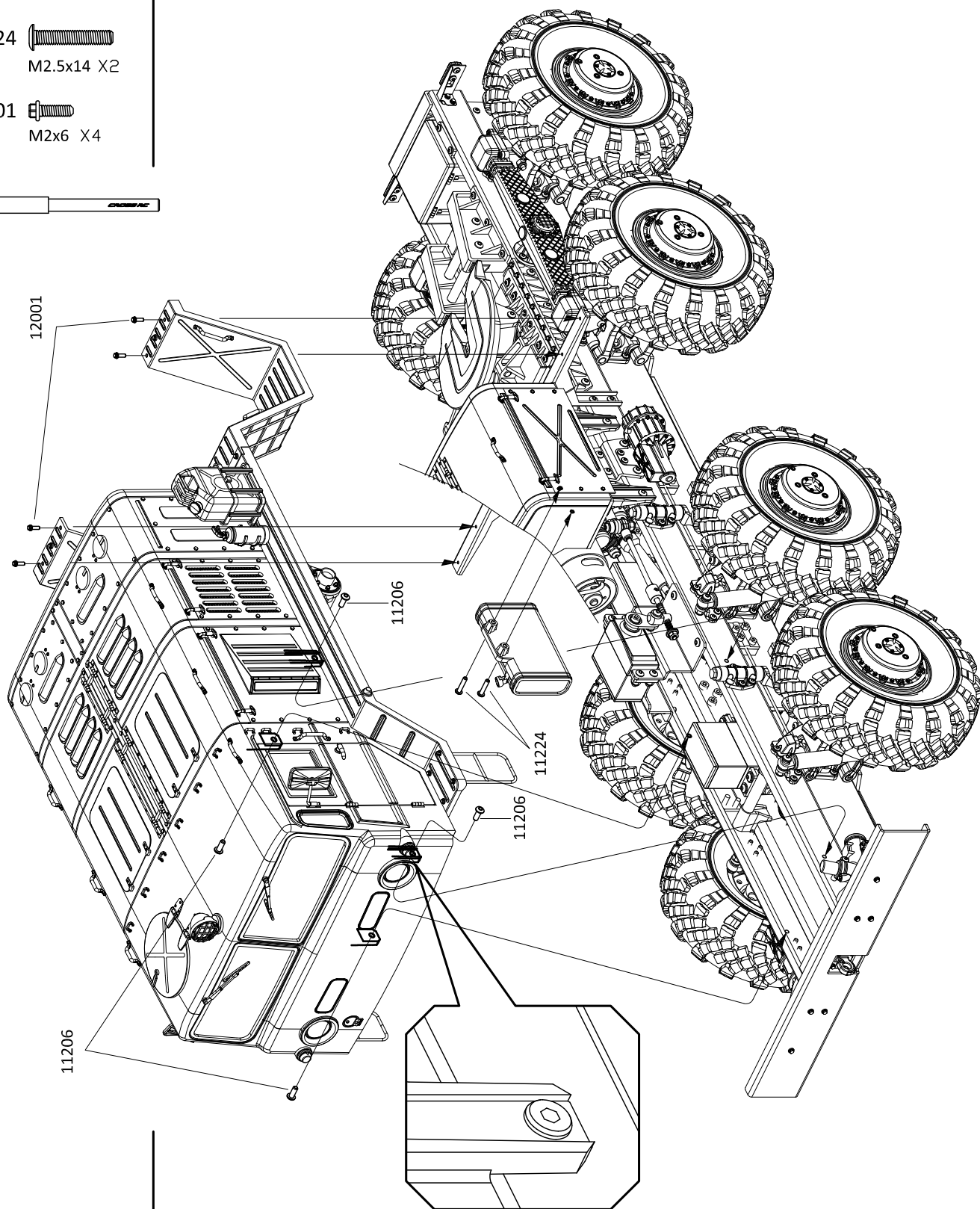


91

11206 
M3x8 X4

11224 
M2.5x14 X2

12001 
M2x6 X4



96001
(optional)

