GS02F BOM

ASSEMBLE KIT

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주의 사항

제품의 조립, 유지·보수, 안전한 작동은 사용자에게 책임이 있습니다.
반드시 해당 제품을 작동하는데 필요한 모든 안전사항을 준수하시기 바랍니다.

이 제품은 어린이용 장난감이 아닙니다. 사용 가능 연령을 꼭 확인하시기 바랍니다.

이 제품은 만 14세 이상의 사용자에게 적합한 제품입니다. 어린아이의 손에 닿지 않도록 주의하시기 바랍니다.
또한, 만 18세 미만의 사용자는 제품의 주의사항을 충분히 숙지한 성인의 지도하에 제품을 조립·작동하여 주시기 바랍니다.

1. 제품을 조립하기 전에 설명서 전체를 읽고 숙지하도록 하십시오.

- 제품을 조립하기전에 반드시 매뉴얼 전체를 숙지한 후 제품을 조립하도록 하십시오.
- 나이프나 가위, 리머 등 날카로운 도구를 사용할 경우 부상의 위험이 있습니다. 도구의 사용에 주의하시기 바랍니다.
- 본 제품은 작고 날카로운 부품이 많습니다. 사용 부주의로 인한 상해나, 부품을 삼켜 질식하는 등, 사고의 위험이 있으므로 조립시 어린아이의 손이 닿지 않도록 주의하십시오.
- 본 제품은 전자장비 및 배터리가 포함되어 있지 않은 제품입니다. 전자장비 및 배터리등 구동에 필요한 장비는 별도로 구매하여 주시기 바랍니다.
- 전자장비 및 배터리의 경우 해당 제품의 제조사에서 지시하는 사용 방법 및 주의 사항에 따라 주시기 바랍니다.
- 본 제품에 들어있지 않은 별도의 제품이나 도구(페인트 또는 접착제, 공구등)를 사용 할 경우 해당 제품의 사용 방법 및 주의 사항에 따라 주시기 바랍니다.
- 별도로 구매한 전자장비 및 배터리, 페인트, 접착제 등의 오작동 및 사용 미숙으로 인한 문제 발생시 본 회사에서 책임지지 않습니다.

2. 작동 전 제품의 상태를 점검하여 주십시오.

- 제품 조립 후 볼트와 너트가 잘 조여있는지 확인해주십시오.
- 제품의 오작동을 피하기 위해 송신기와 수신기에는 새 배터리 또는 완전하게 충전된 배터리를 사용해주십시오.
  소모된 배터리는 송,수신 기능을 저하시키고, 심할 경우 조종불능이 되어 심각한 사고를 일으킬 수 있습니다.
- 전선이 손상된 배터리를 사용하지 마십시오.
  배터리의 전선이 미모되었거나, 찢힌 부분이 있을 경우, 회로에 합선을 일으킬 수 있습니다. 심각할 경우 화재를 유발할 수 있습니다.
- 규격에 맞는 알카라인 건전지 혹은 충전지를 사용하십시오.
  부적합한 건전지 또는 충전지의 사용은 차의 전자장비에 손상을 줄 수 있습니다.
- 모든 모터의 작동 방향이 조작한 방향으로 작동하는지 확인해 주십시오. 만약 다르다면 방향부터 조정해주십시오.
- 본 제품에는 회전하는 부분과 날카로운 금속 부품이 많습니다. 상해를 입지 않도록 주의하십시오.
- 사용하기에 앞서 항상 작동 범위 체크를 수행하십시오. 무선 조종 시스템의 문제 또는 제품에 적합하지 않은 설정은 작동 불능을 일으킬 수 있습니다.

간단한 범위 테스트 방법

❶ 친구가 제품을 잡고 있게 하거나, 휠이 거치대나 다른 물체와 닿지 않게 고정하거나 놓아두십시오.
❷ 멀리 떨어지면서 송신기의 조작대로 서보가 움직이는지 체크하십시오.
❸ 비 정상적인 작동을 발견하면 범위 체크를 미루리 하십시오.

3. 제품을 작동시키기 위해 적합한 장소를 선정하십시오.

- 저녁이나 시야가 보이지 않는 상황에서 작동시키지 마십시오.
- 다음과 같은 장소에서 작동하지 마십시오.
  -근처의 다른 지역에서 무선 조종 활동이 발생하고 있는 곳.
  -일반 도로나 고속 도로
  -고압선, 방송 통신용 안테나
  -사람이나 동물 근처
  -집안이나 좁고 막힌 장소
  -병원이나, 주거 지역, 공원 등 제품 소음이 다른 이에게 방해를 줄 수 있는 지역
- 물이 흐르거나 고인장소에서 주행 시 전자 부품이 물에 젖지 않도록 주의 하십시오.
- 제품을 레이스 트랙이나 확 트이고 안전한 공간에서 작동하시는 것을 권장합니다. 적합하지 않은 장소에서 작동 시 심각한 교통사고, 인적 상해, 대물 손실을 일으킬 수 있습니다.

4. 순서에 맞게 제품을 작동하십시오.

- 순서에 맞게 송신기의 전원을 켜고 끄도록 하십시오.
  - 시작시엔 송신기의 전원을 먼저 켜고 배터리를 연결 한 후 변속기의 전원을 켜도록하십시오 .
  - 종료시엔 변속기의 전원을 끄고 배터리를 제거 한 후 송신기의 전원을 끄도록 하십시오.
- 전선을 거꾸로 연결하거나, 배터리를 분해하지 마십시오. 제품 손상이나 누전을 일으킬 수 있습니다.
- 제품의 오작동을 피하기 위해 주행 전에 스티어링과 스로틀이 정상 작동하는지 확인해주십시오.
- 작동 후 모터, 변속기, 배터리가 뜨거울 수가 있습니다. 화상에 주의하십시오.

5. 제품의 사용 후 깨끗하게 정비하고 안전한 장소에 보관하십시오.

- 사용 후 모든 볼트, 너트 등은 풀림이 없는 정상적인 상태인지 체크해주십시오.
- 제품을 사용하지 않을 때는 배터리를 제거 해주십시오. 과 방전, 누전 등으로 배터리와 변속기에 손상을 줄 수 있습니다.
- 제품에 과도한 먼지나 이물질이 없도록 깨끗하게 유지해주십시오, 이를 통해 차체 수명을 연장시킬 수 있습니다.
- 모든 공구를 사용할 때 항상 주의하십시오, 상해를 막기 위해 세심한 주의가 요구됩니다.
- 제품을 뜨거운 곳이나 습한 곳에 보관하지 마십시오. 직사광선도 피해주십시오.
- 제품의 손상을 막기 위해서 (주)지메이드코리아에서 출시하는 옵션파트나 부품 외의 것으로 개조하지 마십시오.

CAUTIONS

⚠ In order to avoid personal injury or property damage, you have to act in a responsible manner and follow these directions.
RC models can operate at over 40Km/h but can not stop immediately

■ Safety Precautions

- Check the surrounding area before you operate RC model.
- Choose a good place to operate your RC model
- Do not operate your RC model on the street or highway. It can cause a serious damage or a serious accident.
- Do not operate your RC model in confined or crowded areas, in order to avoid accident.
- Never operate your RC model near people or animals, and never use people or animals as an obstacle.
- A collision between your RC model and stationary objects can cause damage to either
- Do not operate your RC model in public places like hospital and residential areas. It can cause great noise
- Never operate your RC model indoor. There is a higher possibility of fire or damage

■ Safety Precautions (Before assembling)

- Before you start assembling this model, read the instructions carefully and make sure you understand them thoroughly.
- If a child assembles this model, an adult must also read the instructions carefully and understand them thoroughly.
- Always be careful when using tools like knives. Extra care should be taken to prevent injuries.
- If you use paint or cement (not included in the RC model), read the instructions supplied with them.
- Keep the parts out of reach of children, small parts can cause choking and vinyl bags can suffocate.

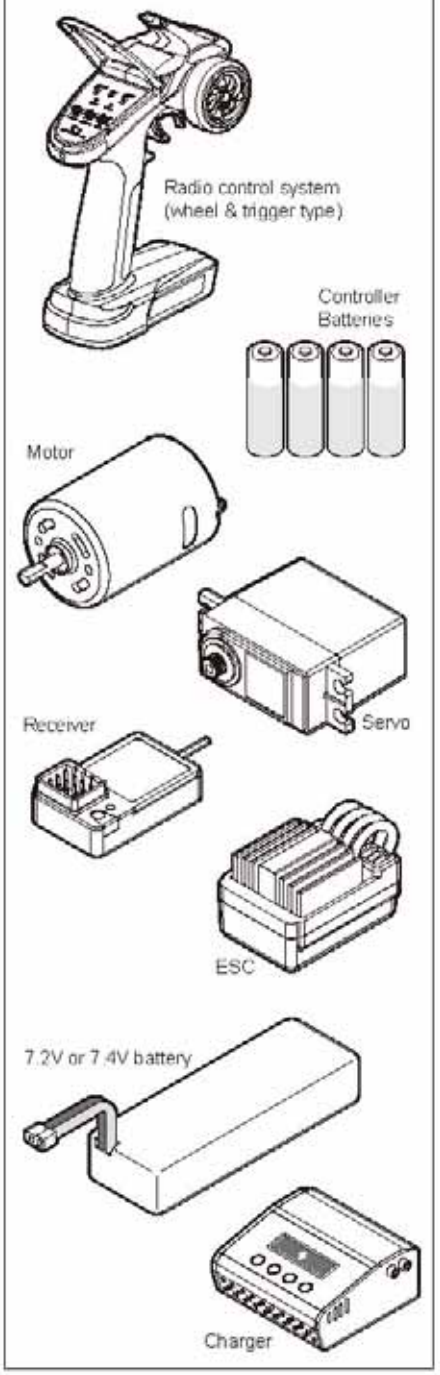
■ Safety Precautions (Before you operate RC model, check the following.)

- Check to ensure nuts bolts are tightened appropriately.
- Check that no one else is using your radio frequency.
- Use new batteries to avoid losing control of the transmitter and receiver.
- You will need a 2 channel radio system which includes a servo, a receiver, an ON/OFF switch, and an electronic speed control.
- Be sure to use a radio frequency for ground model – Do not use airplane frequencies.
- Always check the brakes and throttle before you operate your RC model, in order to avoid losing control of the model.
- To prevent unexpected movements of your RC model, do not connect the batteries to receiver before turning on the transmitter.
- Always turn on the transmitter first, and then connect the batteries to the receiver.
  1. Switch on the transmitter.
  2. Check that the speed control, the transmitter control, and trims are set to the neutral position.
  3. Connect the RC model to the receiver's batteries.
  4. Switch on the model and the receiver.
- When you using rechargeable batteries, make sure you read and follow the instructions carefully.
- Inappropriate handling or usage of rechargeable batteries can cause serious injuries or accidents.

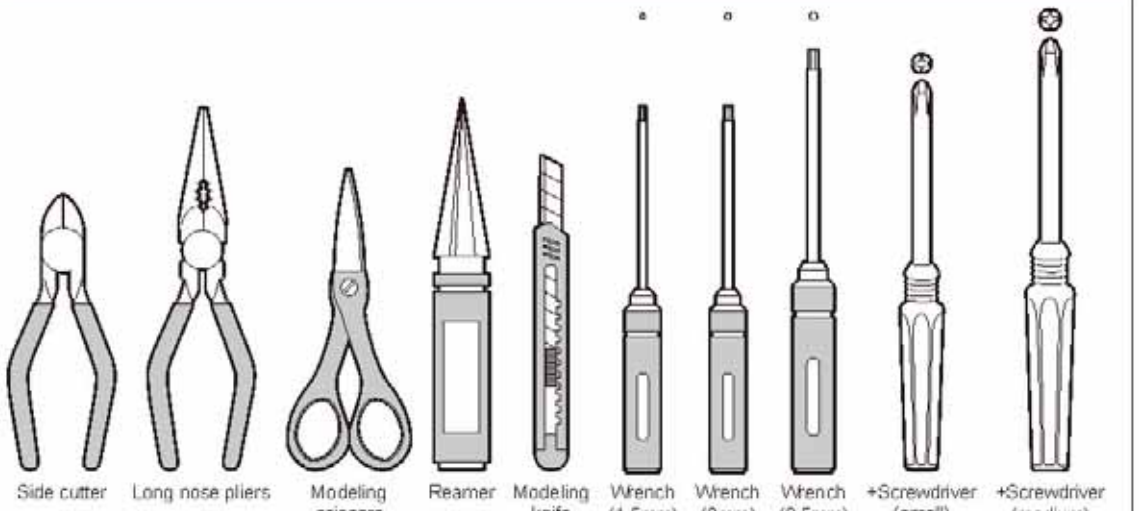
■ Cautions While Operating

- When the RC model is operating, do not touch the moving parts like the drive shaft and wheels.
- The moving parts can cause serious injuries.
- Always turn the model or receiver off and disconnect the batteries before turning off the transmitter, in order to avoid unexpected movements of your RC model.
  1. Turn off the model or receiver.
  2. Disconnect the batteries.
  3. Turn off the transmitter.
- Do not touch the vehicle's speed control resistor while operating of the RC model. The resistor may be very hot, especially after running at lower speeds.
- To prevent damage to the RC model, remove the batteries from the model and transmitter when you don't intend to run the RC model for some time.
- After operating your RC model, batteries become hot, so please be careful when handling.
- In order to prolong the life of your RC model, please keep it free from dirt and grease.
- Before you start assembling this model, read the instruction carefully and make sure you understand them fully.
- If a child assembles this model, an adult must also read the instructions carefully and understand them thoroughly.

EQUIPMENT NEEDED



TOOLS NEEDED

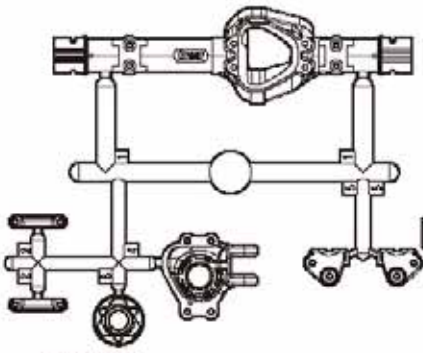


TOOLS INCLUDED

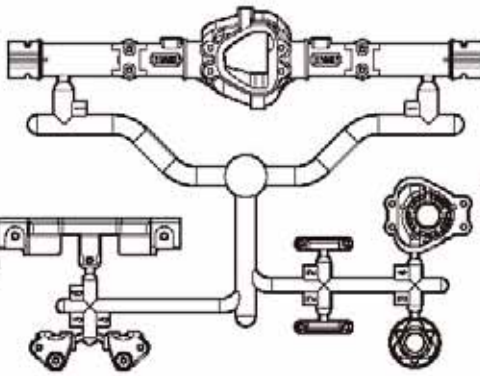
Box wrench

GM51504 Gear grease

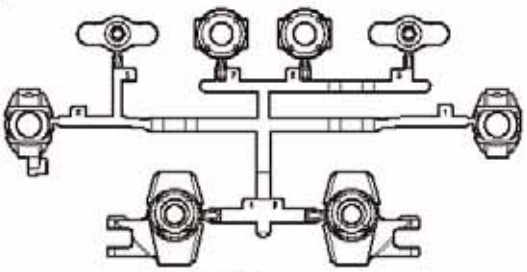
GM20220 Shock oil



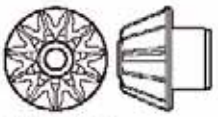
GM60061 x1
GA44 front axle housing parts tree



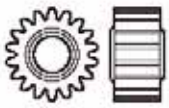
GM60062 x1
GA44 rear axle housing parts tree



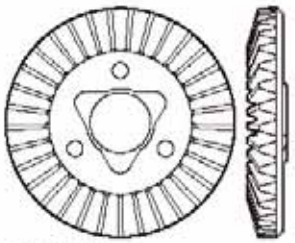
GM60063 x1
GA44 axle parts tree



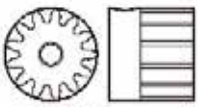
GM60067 x2
11T Bevel gear



GM60069 x2
48P 18T gear

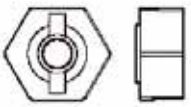


GM60068 x2
33T Bevel gear

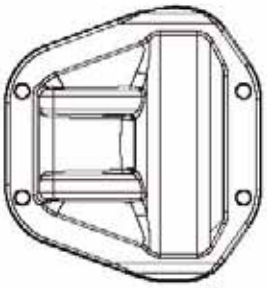


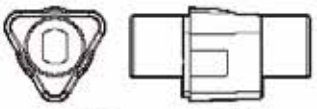
GM60072 x1
32P 13T pinion gear

GM60064
GA44 axle hardware set



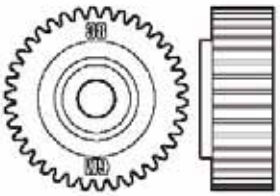
12mm Wheel hub x4



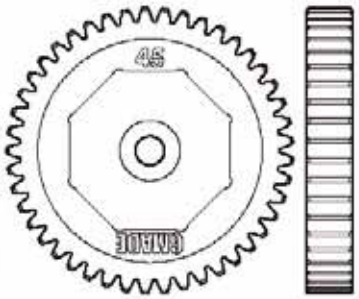


Diff locker x2

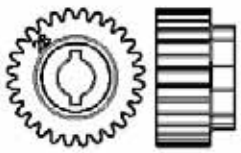
Differential cover x2



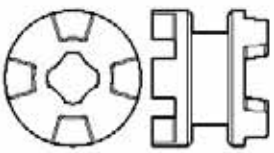
GM60071 x2
48P 38T 1st gear (LO)



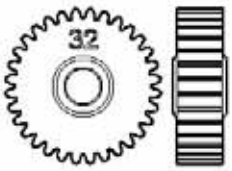
GM60080A x1
32P 45T Spur gear



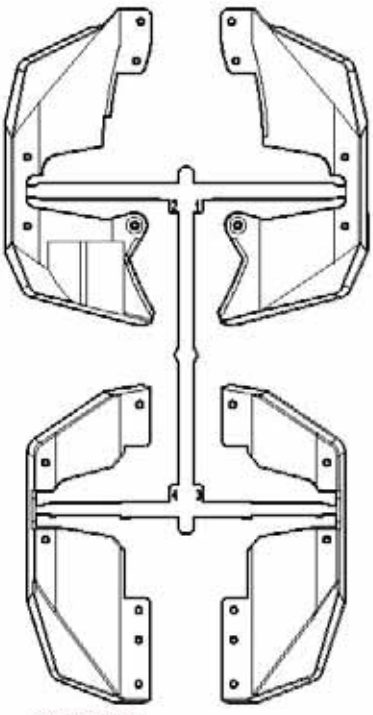
GM60210 x3
48P 28T 2nd gear (HI)



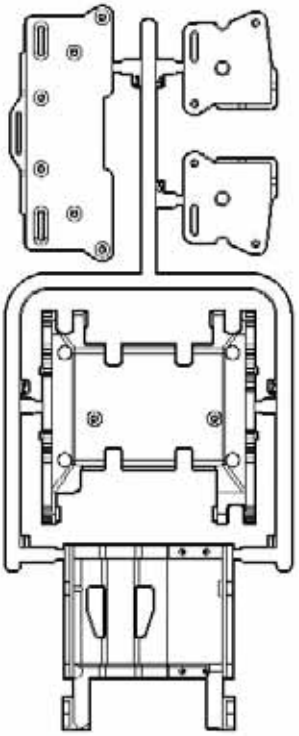
GM60211 x1
HI/LO sliding clutch



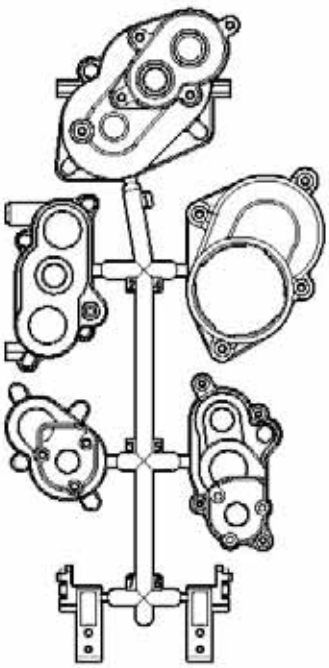
GM60212 x1
48P 32T gear



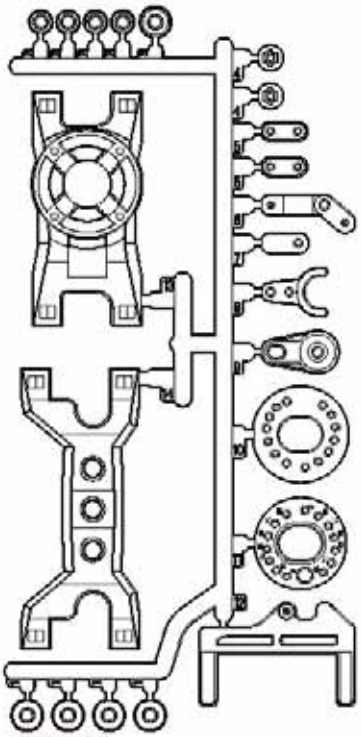
GM60218 x1
GS02F front & rear inner fenders



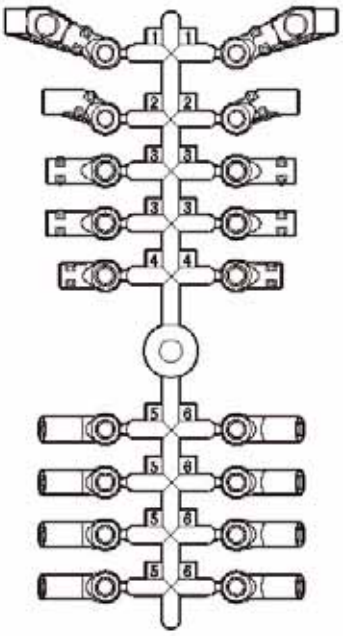
GM60219 x1
GS02F skid plate
& battery tray parts tree



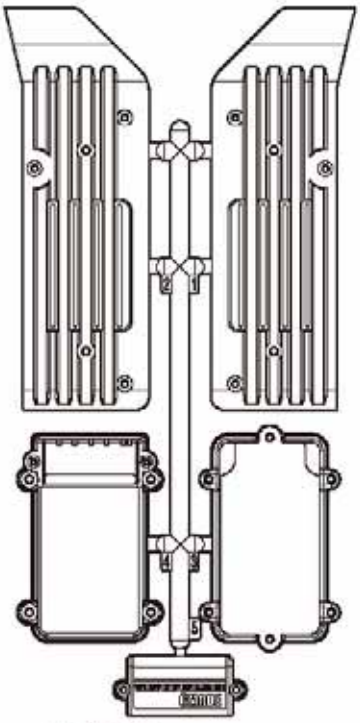
GM60220 x1
GS02F transmission housing parts tree



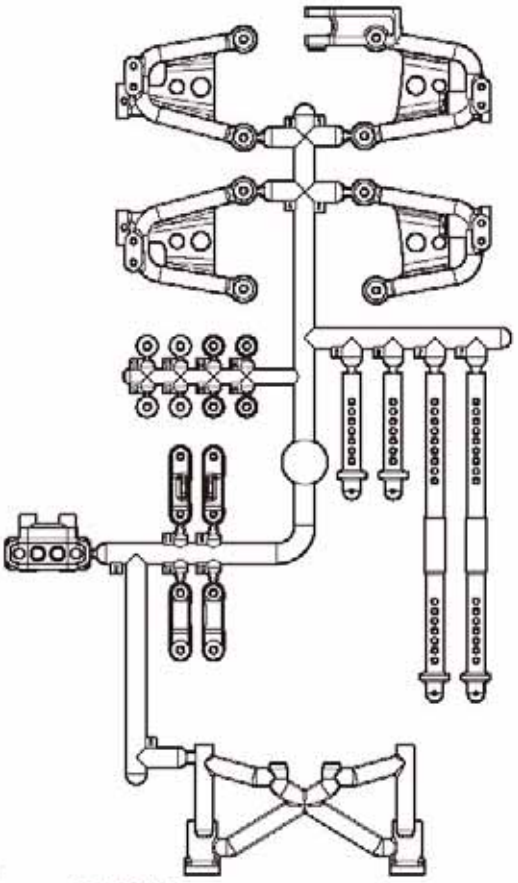
GM60221 x1
GS02F inner fender braces
& transmission hardware parts tree



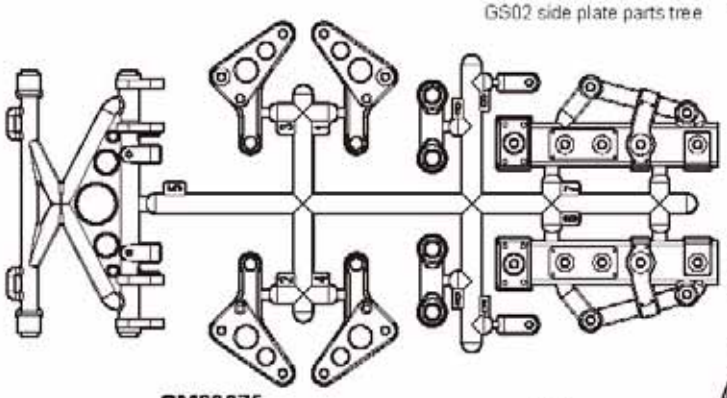
GM60022 x2
M4 5.8mm rod end set



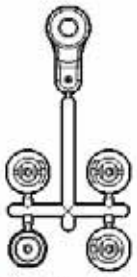
GM60076 x1
GS02 side plate parts tree



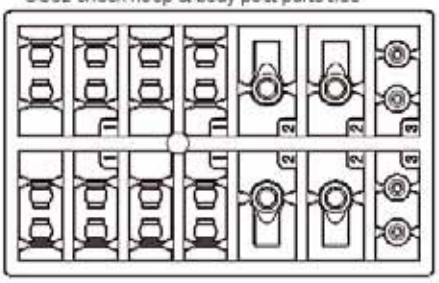
GM60077 x1
GS02 shock hoop & body post parts tree



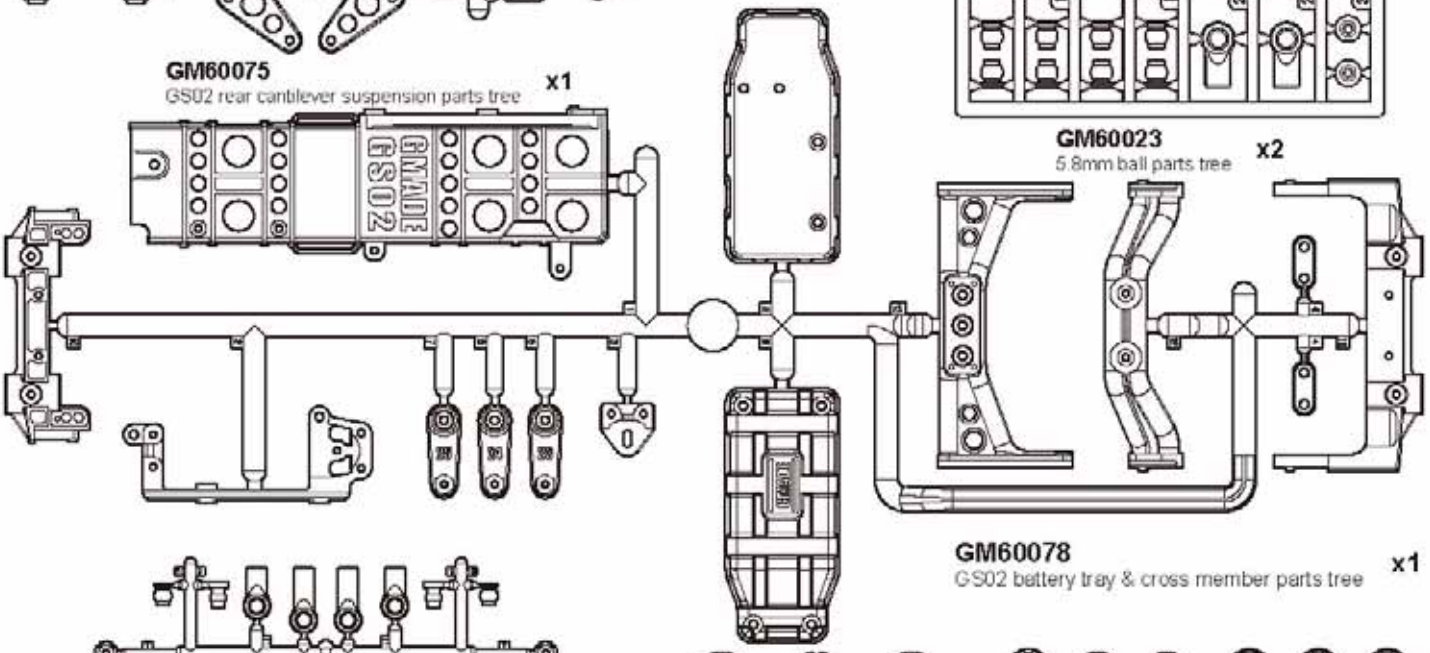
GM60001 x1
16.5mm servo saver parts tree



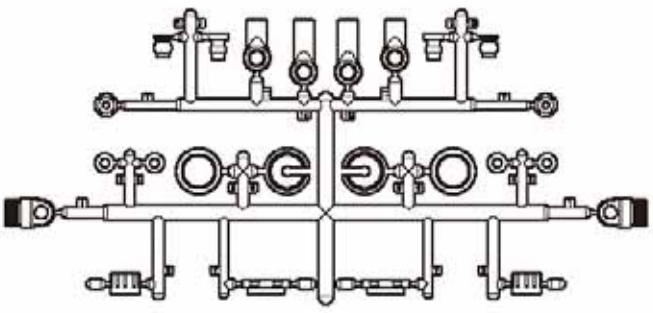
GM60075 x1
GS02 rear cantilever suspension parts tree



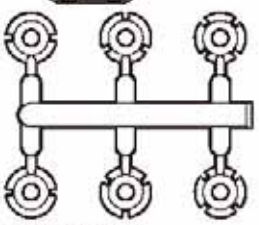
GM60023 x2
5.8mm ball parts tree



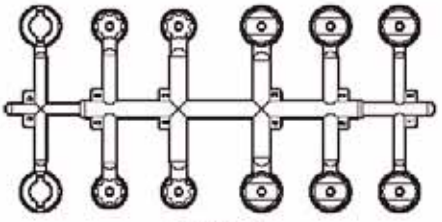
GM60078 x1
GS02 battery tray & cross member parts tree



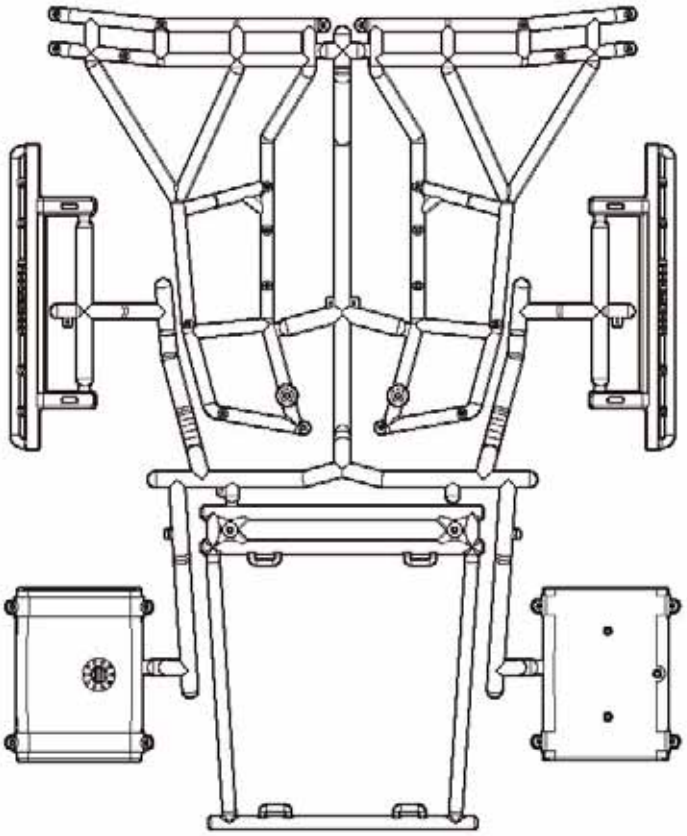
GM60079 x2
SD shock parts tree



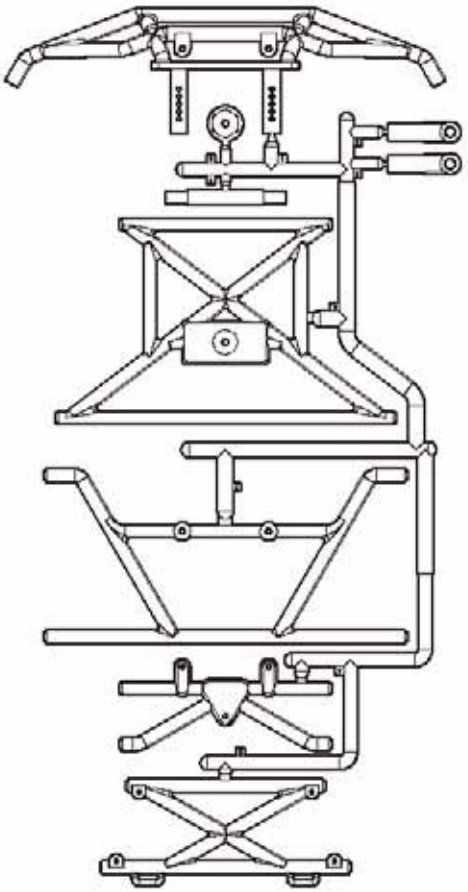
GM0020078 x2
RSD shock delrin pistons



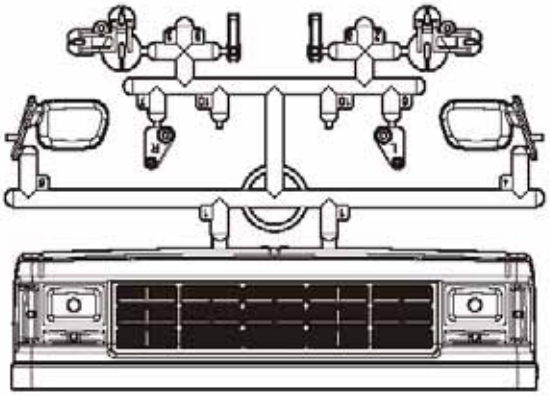
GM60084 x1
Universal shaft parts tree



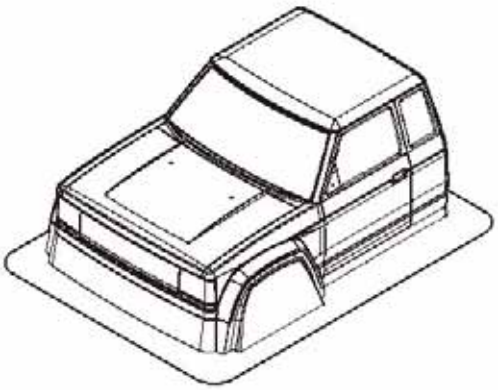
GM60082 x1
Rock slider & rear cage side parts tree



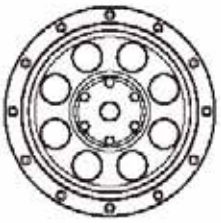
GM60083 x1
Front tube bumper & Rear cage parts tree



GM60085 x1
BOM exterior detail parts tree

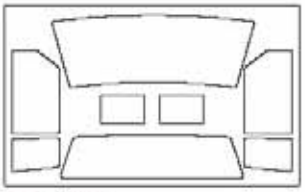


GM60086 x1
BOM body



GM70574 x4
1.9 NR03 wheel

GM60105 x1
BOM decal sheet

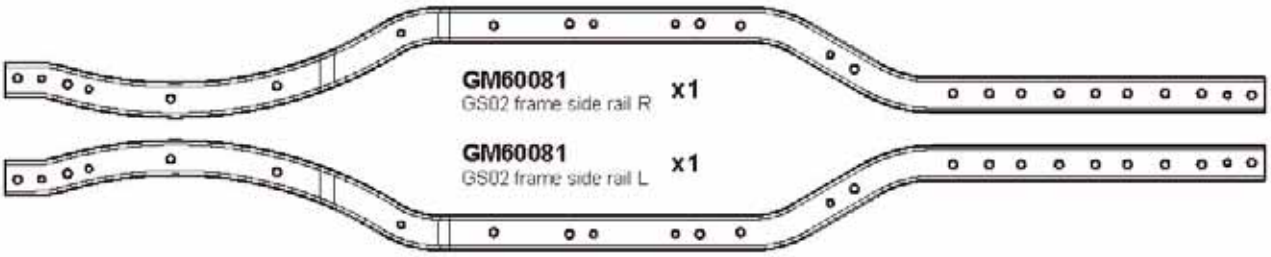


GM60086 x1
BOM masking tape

GM70304 x4
Inner foam

GM70304 x4
1.9 MT 1804 off-road tire

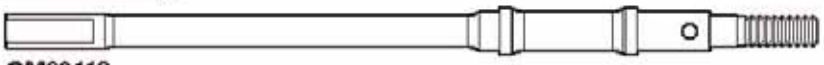
PARTS REFERENCE



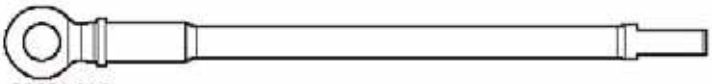
GM60081 x1
GS02 frame side rail R

GM60081 x1
GS02 frame side rail L

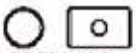
GM60109 x1
CVA drive shaft 64mm



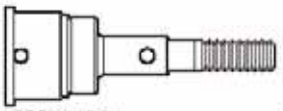
GM60112 x2
Straight drive shaft 107mm



GM60109 x1
CVA drive shaft 92mm

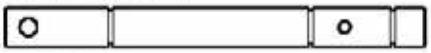


GM60102 x2
CVA drive coupler



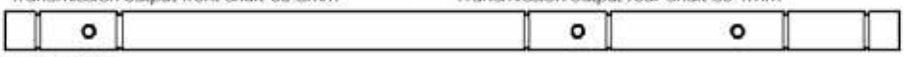
GM60109 x2
CVA wheel axle shaft 35mm

GM60110 x2
CVA pin retaining ring

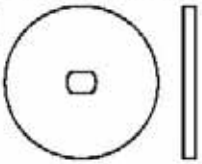


GM60213 x1
Transmission output front shaft 55.3mm

GM60214 x1
Transmission output rear shaft 63.1mm

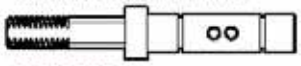


GM60215 x1
Transmission shaft 117.9mm

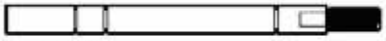


GM60087 x2
Slipper disk 20x1.5mm

GM60088 x2
Slipper pad



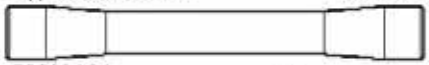
GM60216 x1
Slipper shaft 37.8mm



GM60217 x1
Transmission fork shaft 49.2mm

GM60094 x2
SD 90mm shock body

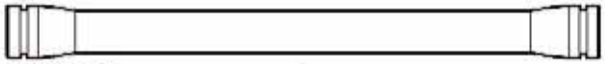
GM60095 x2
SD 67mm shock body



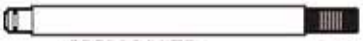
GM60089 x1
Upper link M4x6.8x55mm

GM60097 x2
Shock spring 15.2x61mm (Medium)

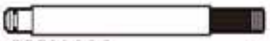
GM60238 x2
Shock spring 16.8x36mm



GM60222 x2
Lower link M4x6.8x78mm

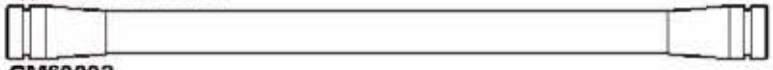


GM0020075 x2
Shock shaft 3.5x46.4mm



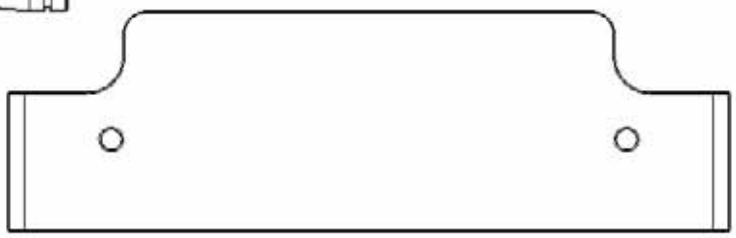
GM60096 x2
Shock shaft 3.5x33.9mm

GM60091 x2
Upper link M4x6.8x98mm



GM60092 x2
Lower link M4x6.8x100mm

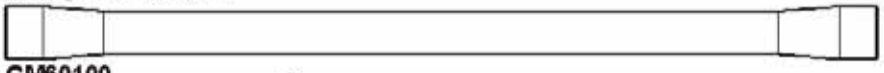
GM60099 x1
Panhard rod 88mm



GM60232 x1
Receiver box plate

GM60100 x1
Steering rod M4 6.8x69mm

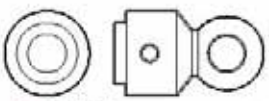
GM60232 x2
3.1x6.8x4mm spacer



GM60100 x1
Steering rod M4x6.8x115mm

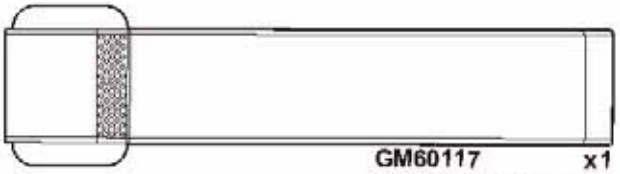
GM60093 x1
5.8mm ball stud M3x5mm

GM60226 x1
Servo saver spring 8x9.5mm



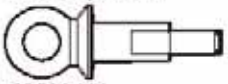
GM60101 x2
Universal joint

GM60101 x4
Universal joint cup



GM60117 x1
Velcro strap 16x220mm

GM60119 x4
Universal joint drive coupler



GM60111 x2
Input universal joint 28mm

GM60104 x1
Foam seal

PARTS REFERENCE

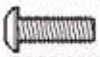
GMA0011 x8
2.5x6mm round head wrench bolt

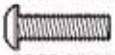
GMA0012 x2
2.5x8mm Round head wrench bolt

GMA0013 x22
2.5x10mm Round head wrench bolt

GMA0017 x4
3x6mm Round head wrench bolt

GMA0018 x23
3x8mm Round head wrench bolt


GMA0019 x22
3x10mm Round head wrench bolt

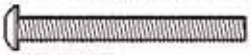

GMA0020 x17
3x12mm Round head wrench bolt

GMA0021 x7
3x15mm Round head wrench bolt

GMA0172 x7
3x18mm Round head wrench bolt

GMA0022 x5
3x20mm Round head wrench bolt

GMA0023 x3
3x25mm Round head wrench bolt


GMA0024 x1
3x30mm Round head wrench bolt

GMA0056 x2
3x6mm Flat head wrench bolt

GMA0057 x6
3x8mm Flat head wrench bolt

GMA0058 x5
3x10mm Flat head wrench bolt

GMA0059 x2
3x12mm Flat head wrench bolt

GMA0060 x1
3x15mm Flat head wrench bolt

GMA0211 x2
3x18mm Flat head wrench bolt

GMA0064 x2
3x35mm Flat head wrench bolt

GMA0082 x14
2x6mm Wrench bolt

GMA0093 x20
2.5x8mm Wrench bolt

GMA0094 x1
2.5x10mm Wrench bolt

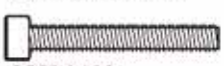
GMA0095 x8
2.5x12mm Wrench bolt

GMA0102 x6
3x8mm Wrench bolt

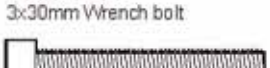
GMA0104 x1
3x12mm Wrench bolt

GMA0106 x3
3x18mm Wrench bolt

GMA0107 x1
3x20mm Wrench bolt


GMA0108 x4
3x25mm Wrench bolt

GMA0109 x5
3x30mm Wrench bolt


GMA0121 x1
4x30mm Wrench bolt

GMA0126 x4
3x3mm Socket set screw

GMA0127 x1
3x4mm Socket set screw

GMA0131 x8
3x10mm Socket set screw

GMA0144 x2
4x15mm Socket set screw

GMA0145 x16
4x20mm Socket set screw

GM60103 x2
3x10mm Screw pin

GMA0154 x3
M3 Nut

GMA0156 x9
M3 Nylon lock nut

GMA0157 x7
M4 nylon lock nut

GMA0191 x2
M3 flange nut

GMA0158 x10
3mm Washer

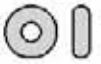
GMA0210 x4
4mm conical spring washer

GMA0163 x4
Ball bearing 5x8x2.5mm

GMA0165 x20
Ball bearing 5x11x4mm

GMA0205 x6
Ball bearing 8x12x3.5mm

GMA0167 x2
Ball bearing 10x15x4mm


GMA0169 x8
P3 O-ring

GMA0170 x2
P5 O-ring

GMA0212 x4
7x1 O-ring

GMA0160 x6
2mm E-ring

GMA0161 x3
2.5mm E-ring

GMA0162 x14
4mm E-ring

GM60033 x6
Pin 1.5x7.2mm

GM51603 x4
Pin 2x10.3mm

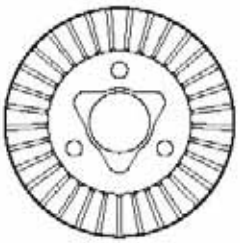
GM60065 x6
Pin 2x11.4mm

GM50116 x2
R6 snap pin

GMA0213 x1
S56 O-ring

AXLE

1 ⚠ MAKE X 2

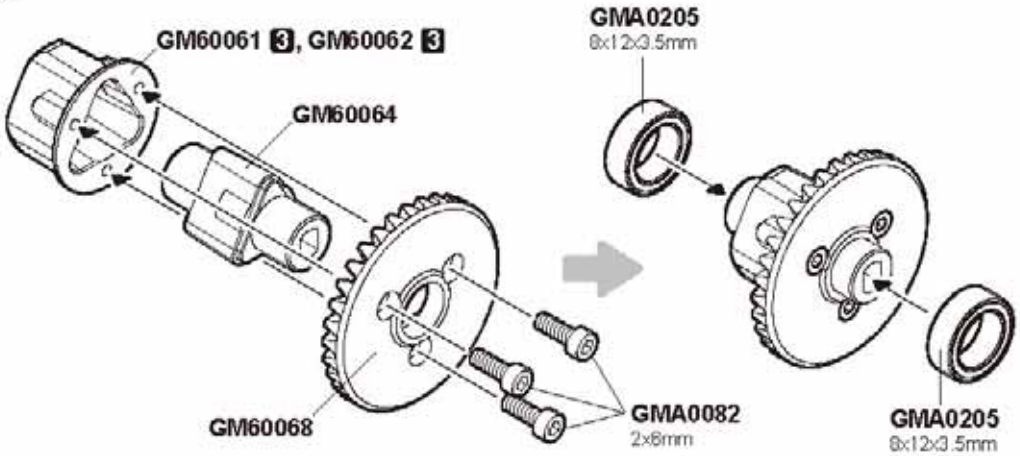


GM60068
33T Bevelgear
x2

GM60064
Diff locker
x2

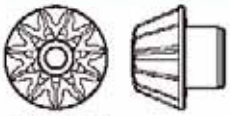
GMA0205
Ball bearing 8x12x3.5mm
x4

GMA0082
2x6mm Wrench bolt
x6

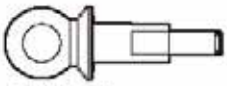


FRONT AXLE

2



GM60067
11T Bevelgear
x1

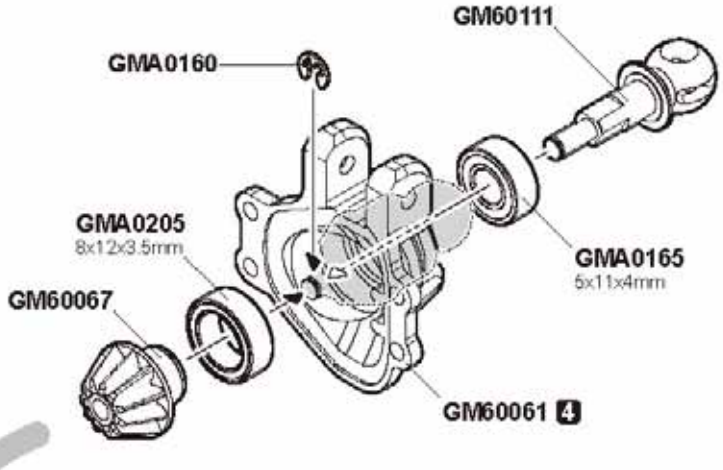


GM60111
Input universal joint 28mm
x1

GMA0160
2mm E-ring
x1

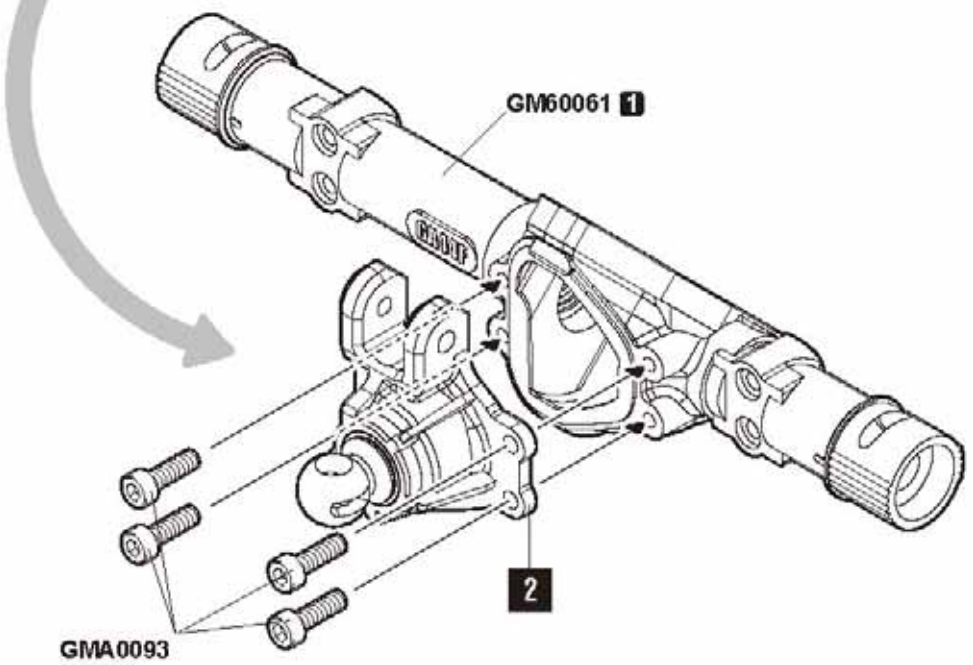
GMA0205
Ball bearing 8x12x3.5mm
x1

GMA0165
Ball bearing 5x11x4mm
x1



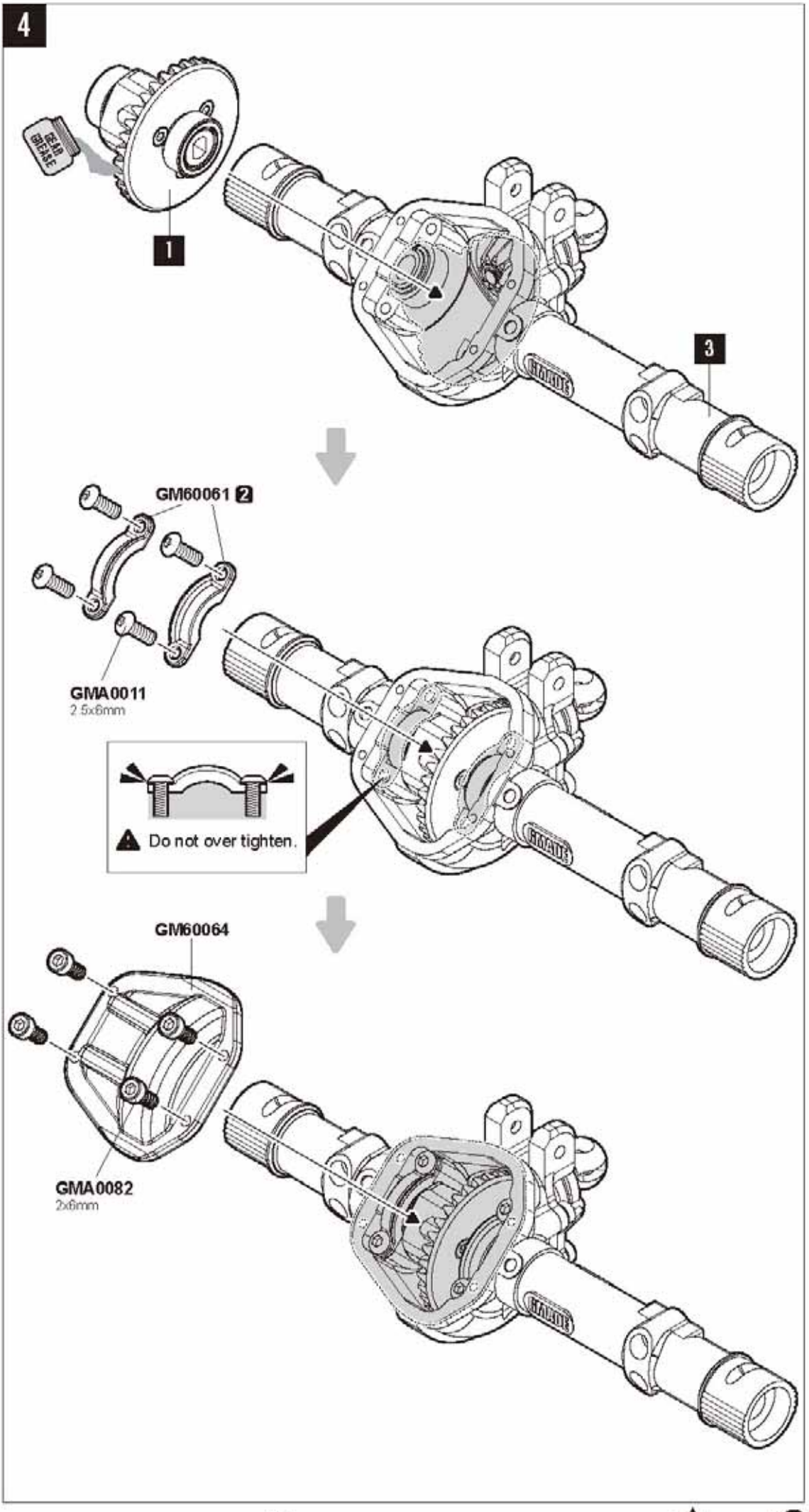
3

GMA0093
2.5x8mm Wrench bolt
x4



FRONT AXLE

4



GMA0011 x4
2.5x6mm
Round head wrench bolt

GMA0082 x4
2x6mm Wrench bolt

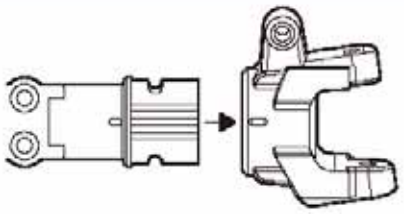
FRONT AXLE

5

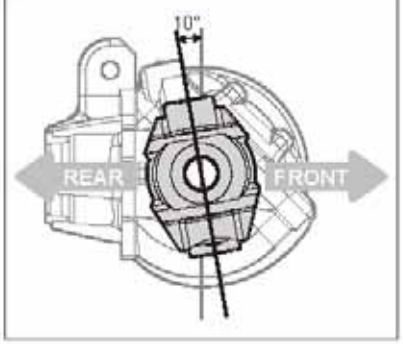
GMA0165
Ball bearing 5x11x4mm

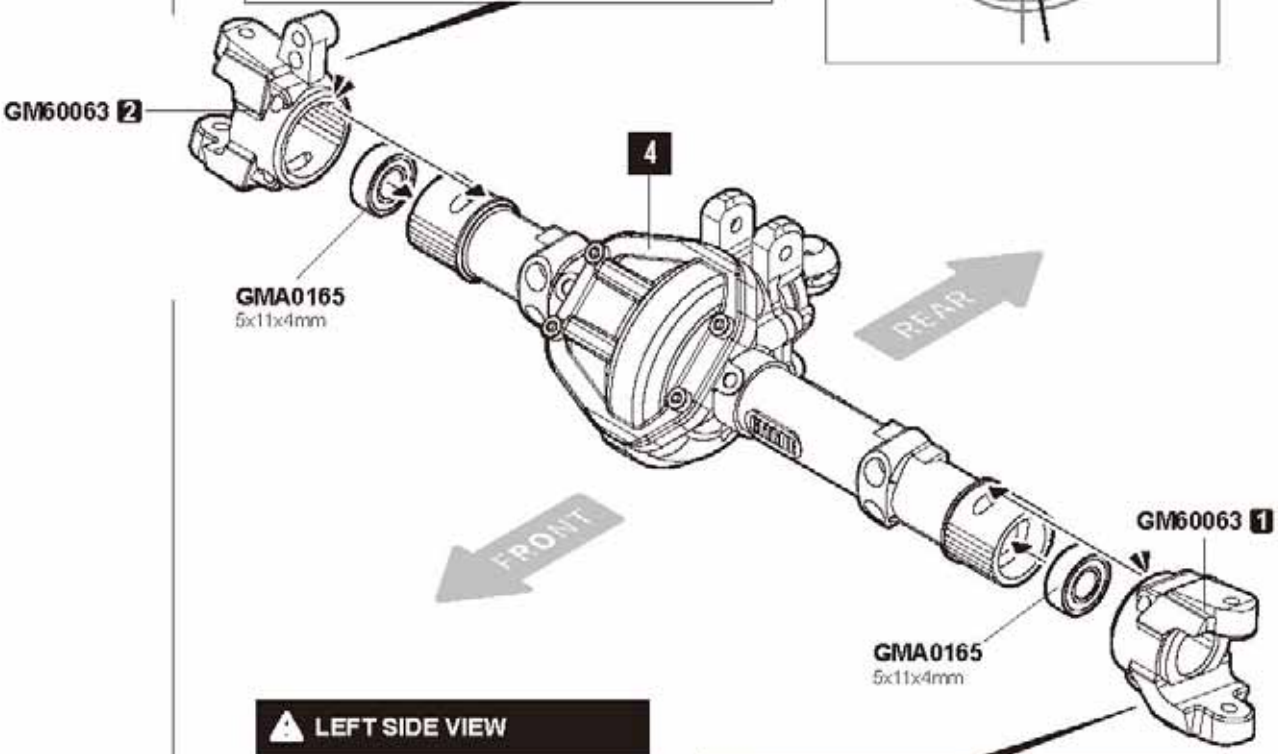
x2

RIGHT C-HUB CASTER ANGLE SETUP

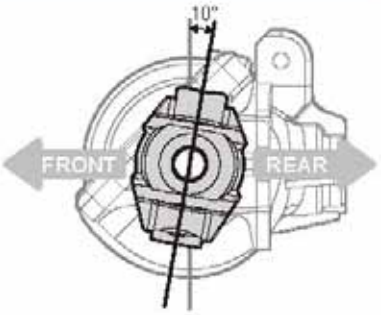


RIGHT SIDE VIEW

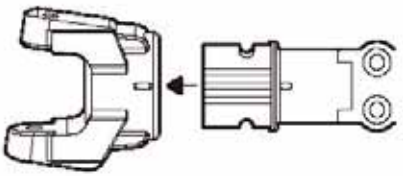




LEFT SIDE VIEW

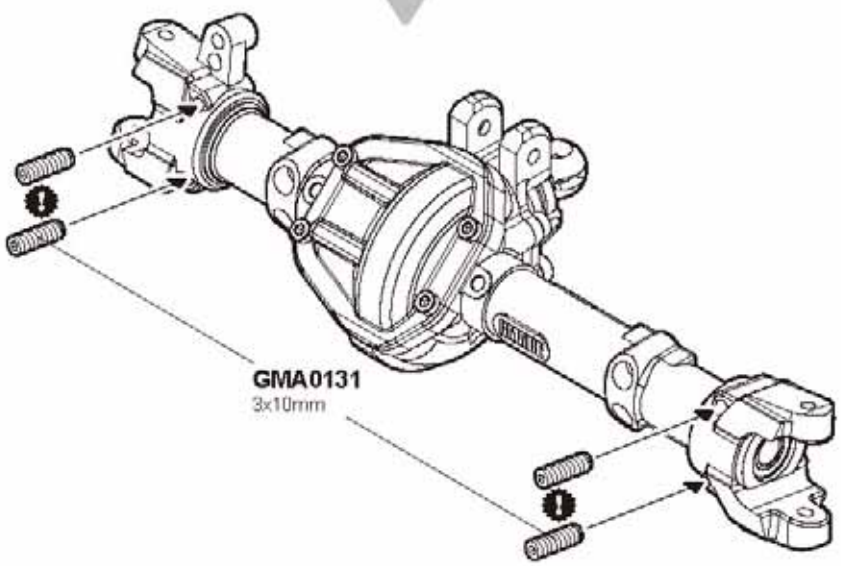


LEFT C-HUB CASTER ANGLE SETUP

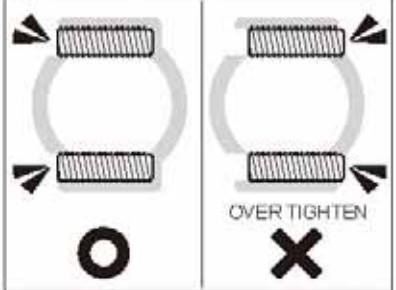


GMA0131
3x10mm Socket set screw

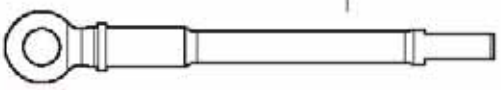
x4



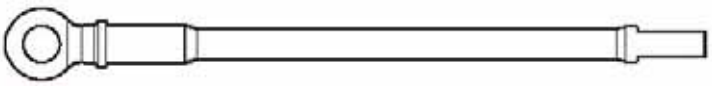
CAUTION



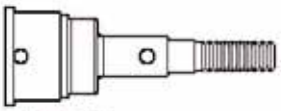
FRONT AXLE



GM60109 x1
CVA drive shaft 64mm

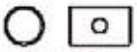


GM60109 x1
CVA drive shaft 82mm



GM60109 x2
CVA wheel axle shaft 35mm

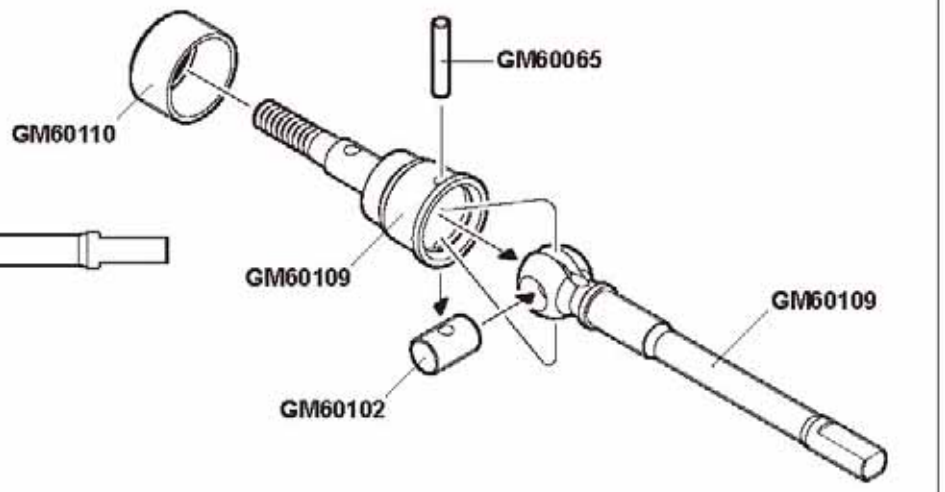
GM60110 x2
CVA pin retaining ring



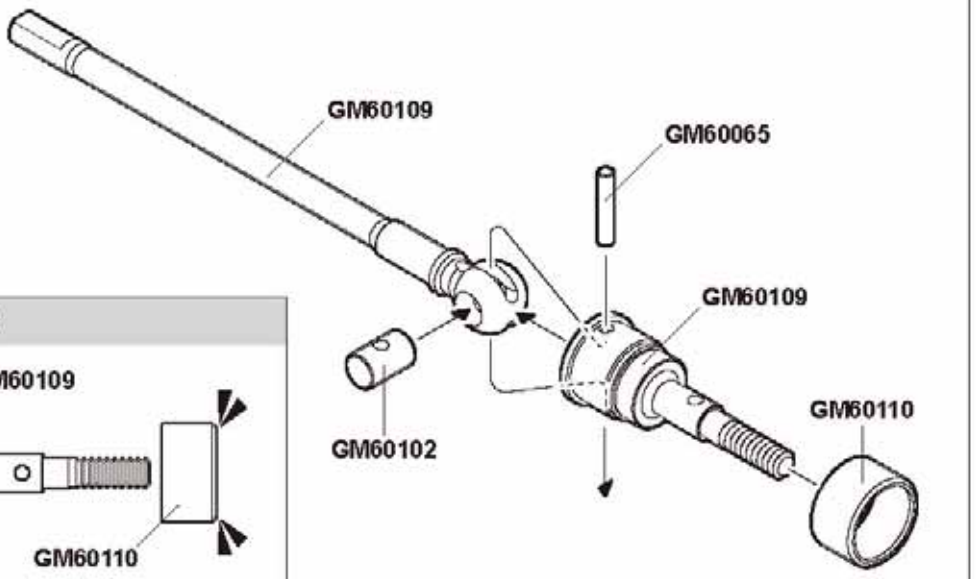
GM60102 x2
CVA drive coupler

GM60065 x2
Pin 2x11.4mm

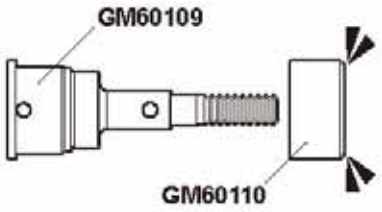
6-A



6-B



CAUTION



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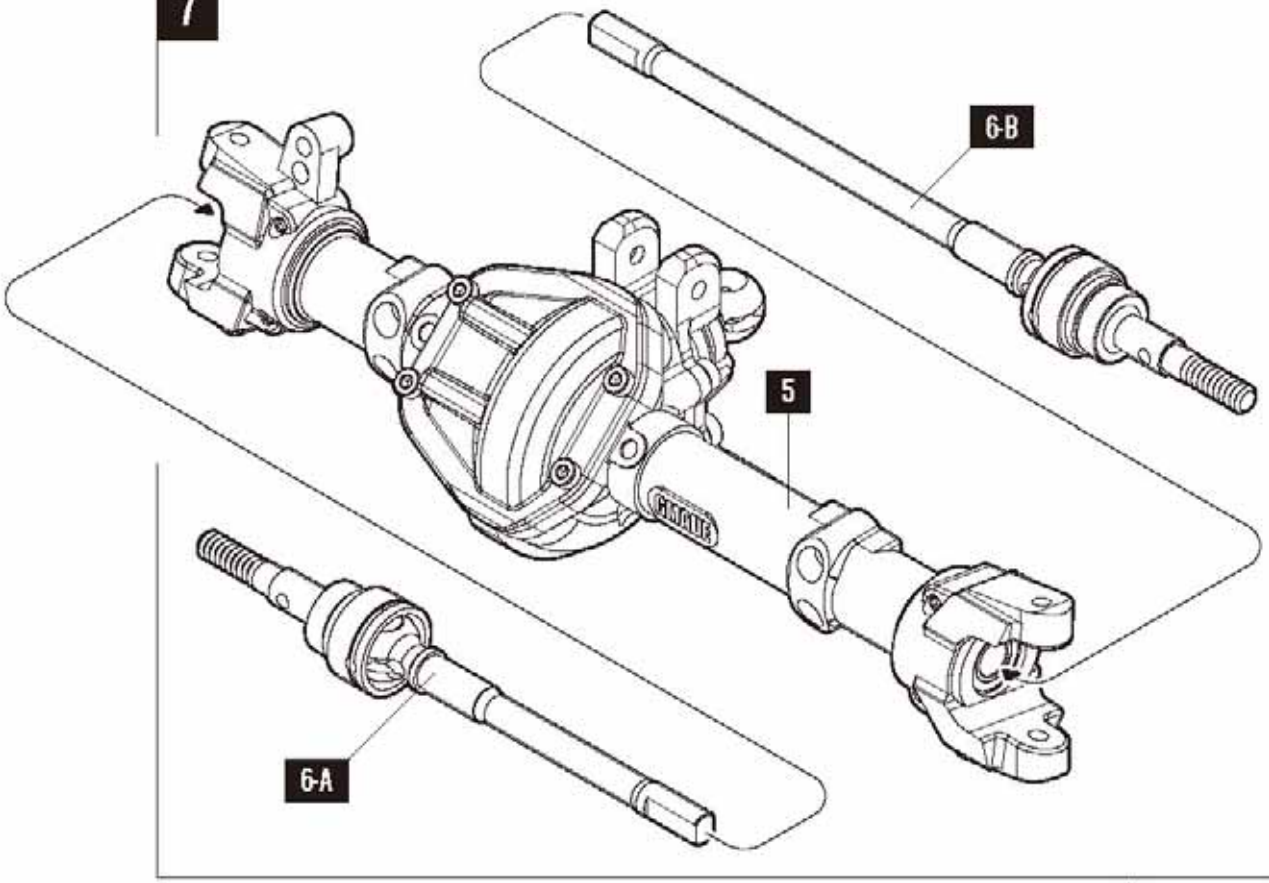


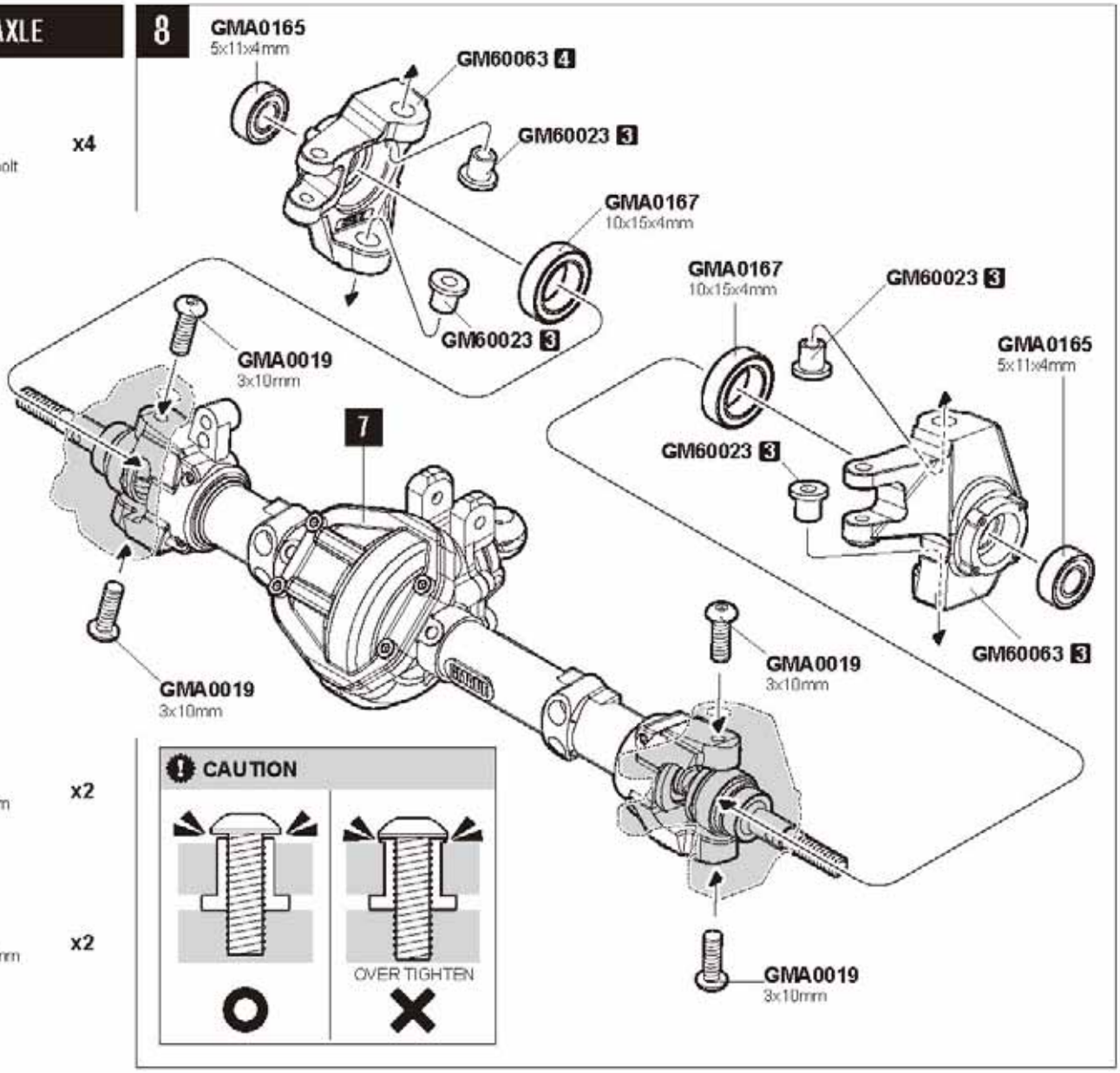
FRONT AXLE

GMA0019
3x10mm
Round head wrench bolt
x4

GMA0165
Ball bearing 5x11x4mm
x2

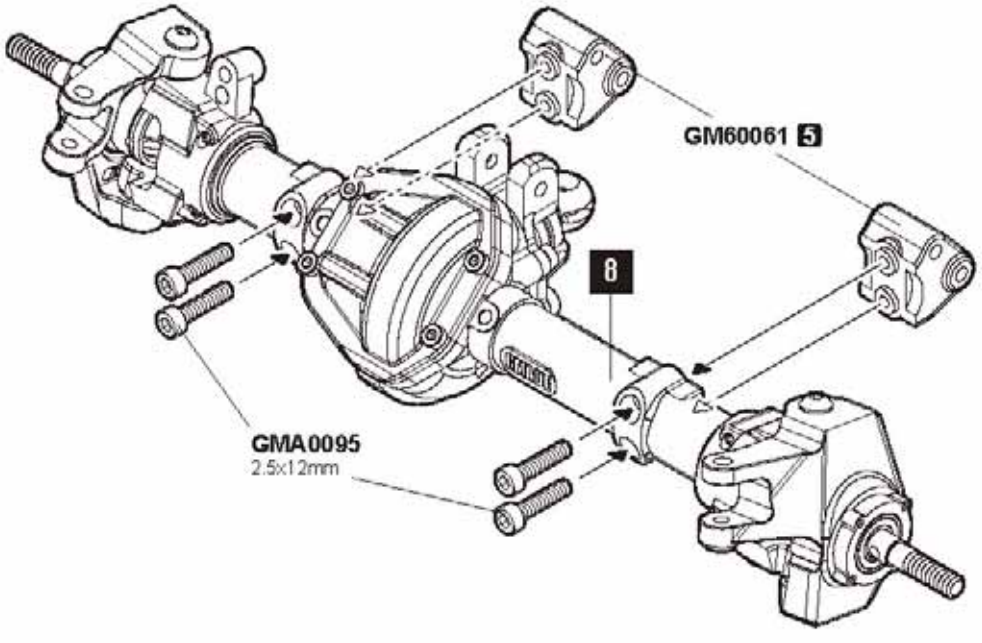
GMA0167
Ball bearing 10x15x4mm
x2

8



9

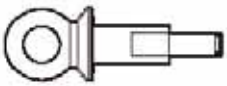
GMA0095
2.5x12mm Wrench bolt
x4



REAR AXLE

10

GM60067
11T Bevelgear
x1



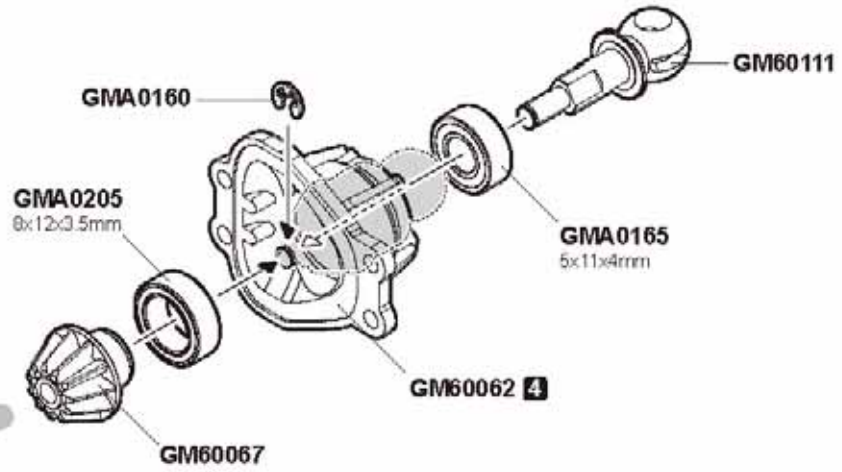
GM60111
Input universal joint 28mm
x1

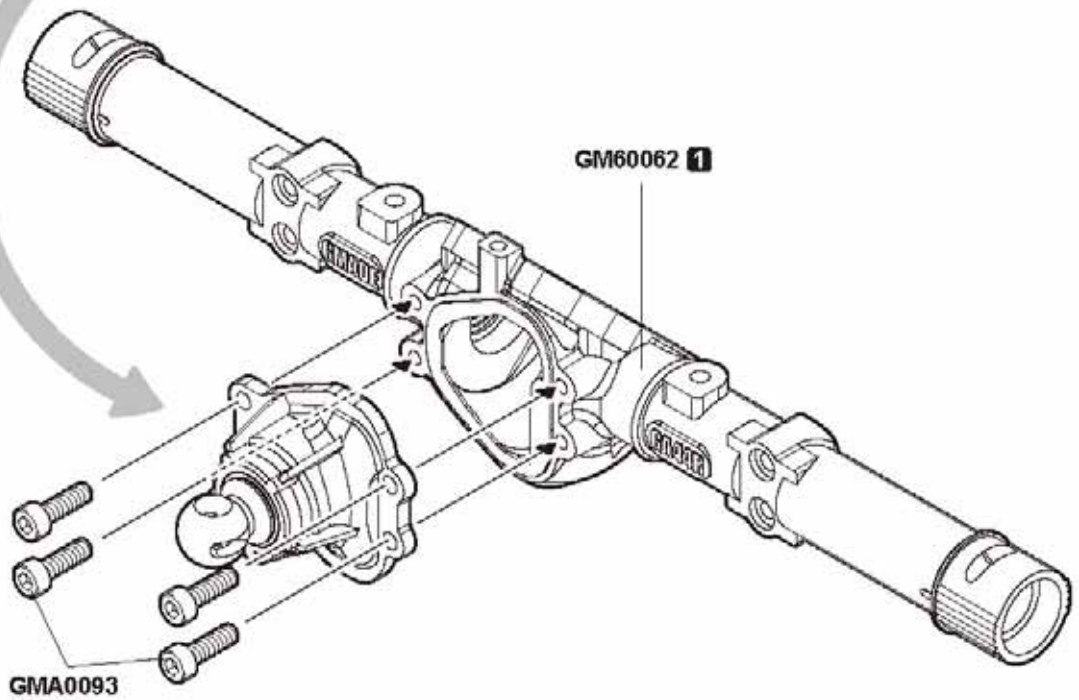
GMA0160
2mm E-ring
x1

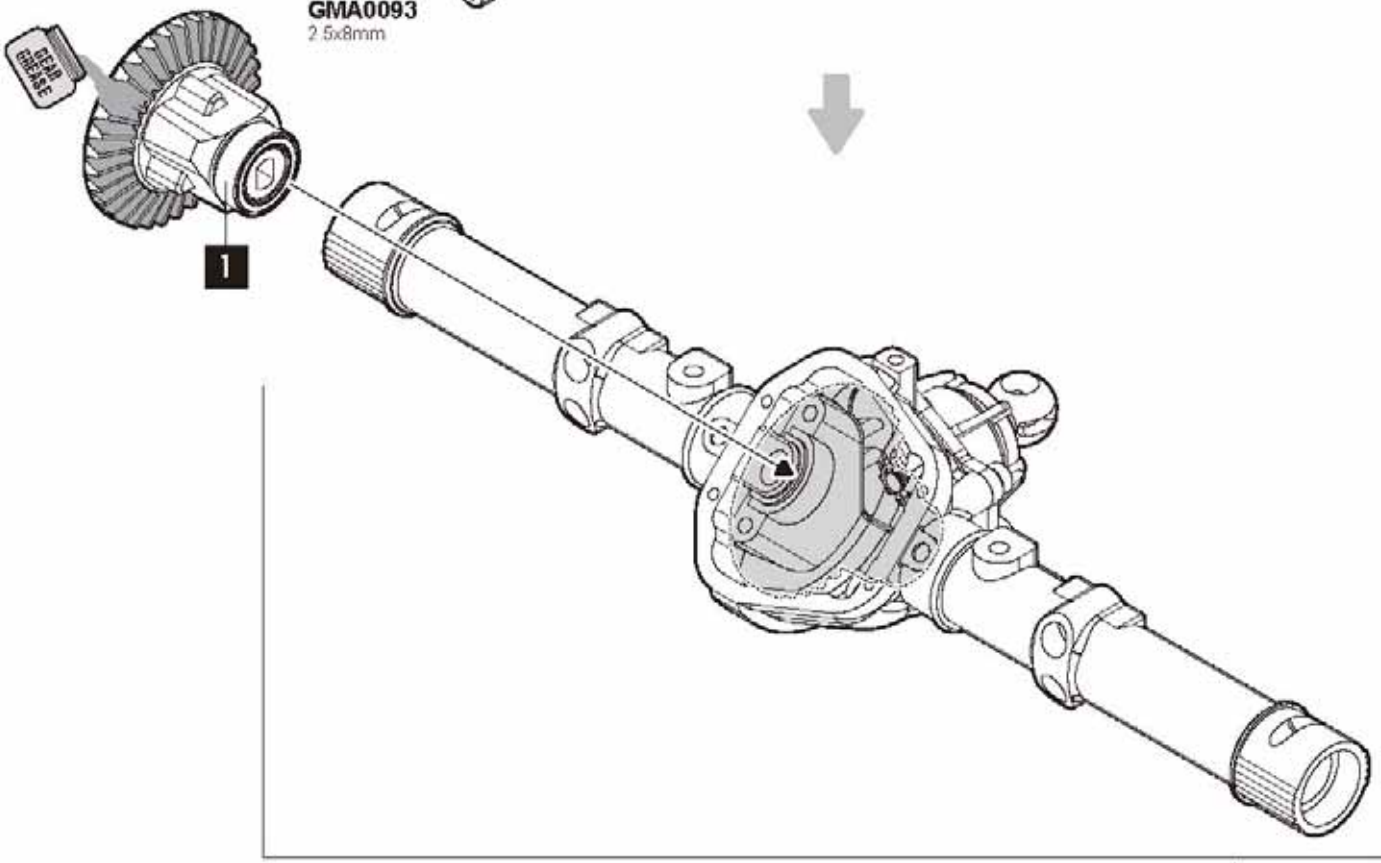
GMA0165
Ball bearing 5x11x4mm
x1

GMA0205
Ball bearing 8x12x3.5mm
x1

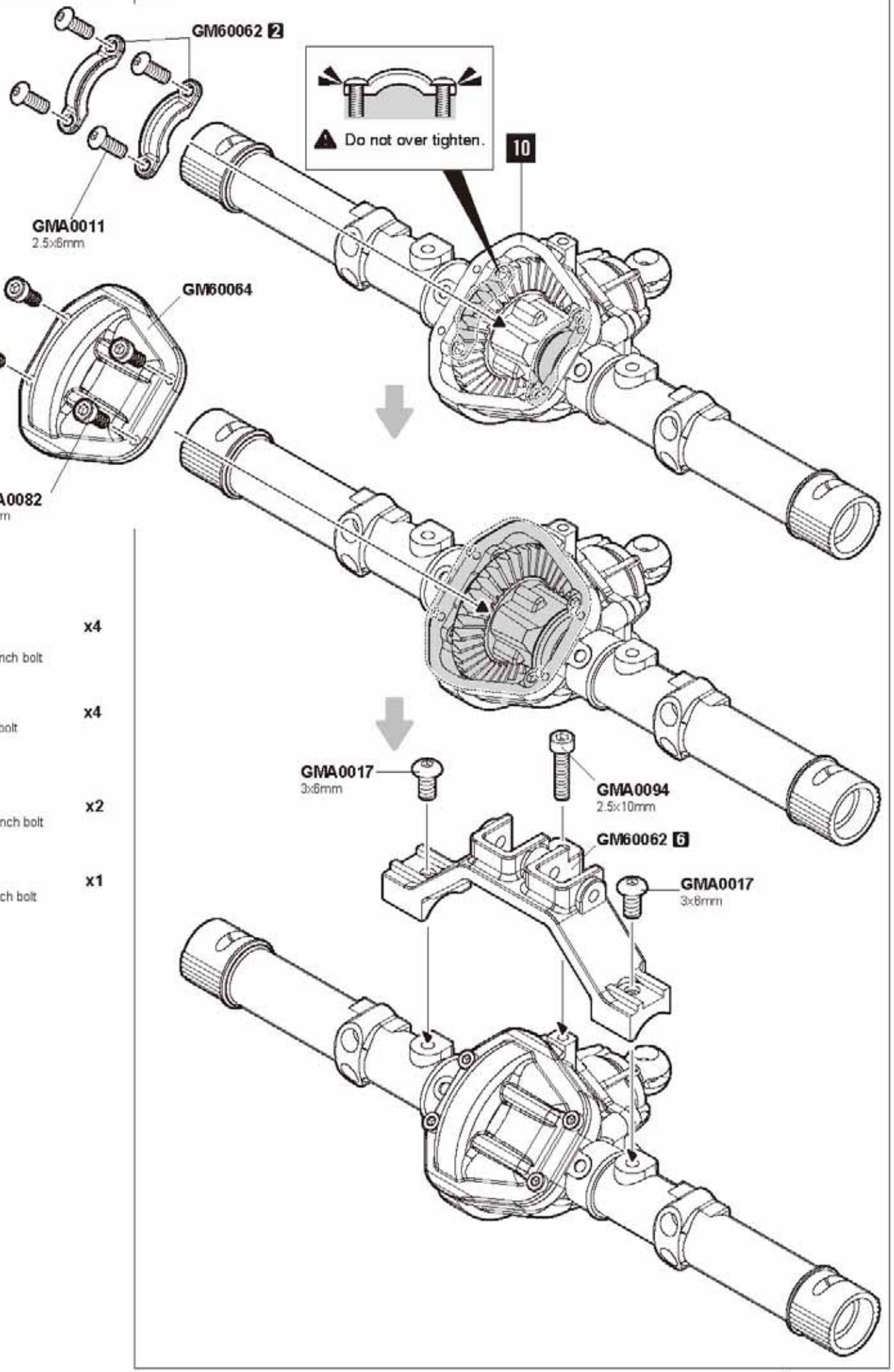
GMA0093
2.5x8mm Wrench bolt
x4







REAR AXLE 11



GMA0011 x4
2.5x8mm
Round head wrench bolt

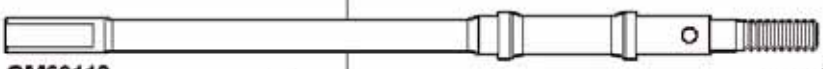
GMA0082 x4
2x6mm Wrench bolt

GMA0017 x2
3x6mm
Round head wrench bolt

GMA0094 x1
2.5x10mm Wrench bolt

REAR AXLE

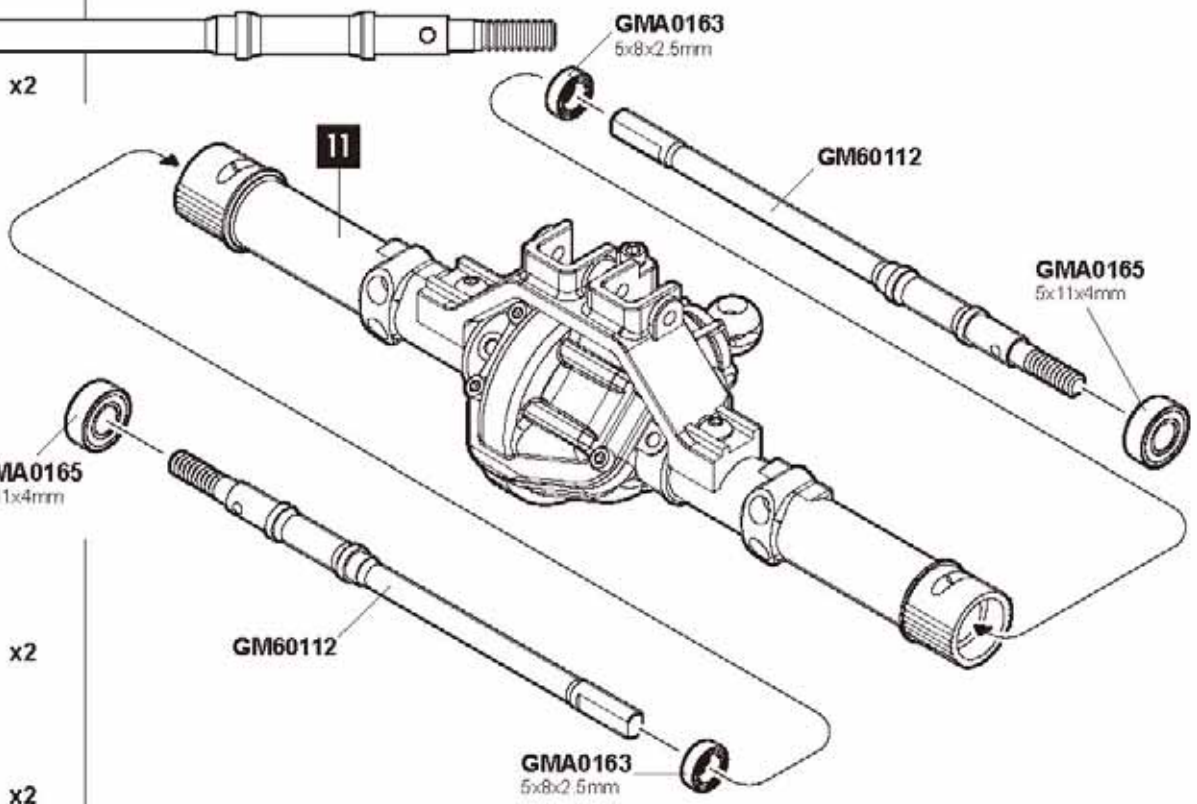
12



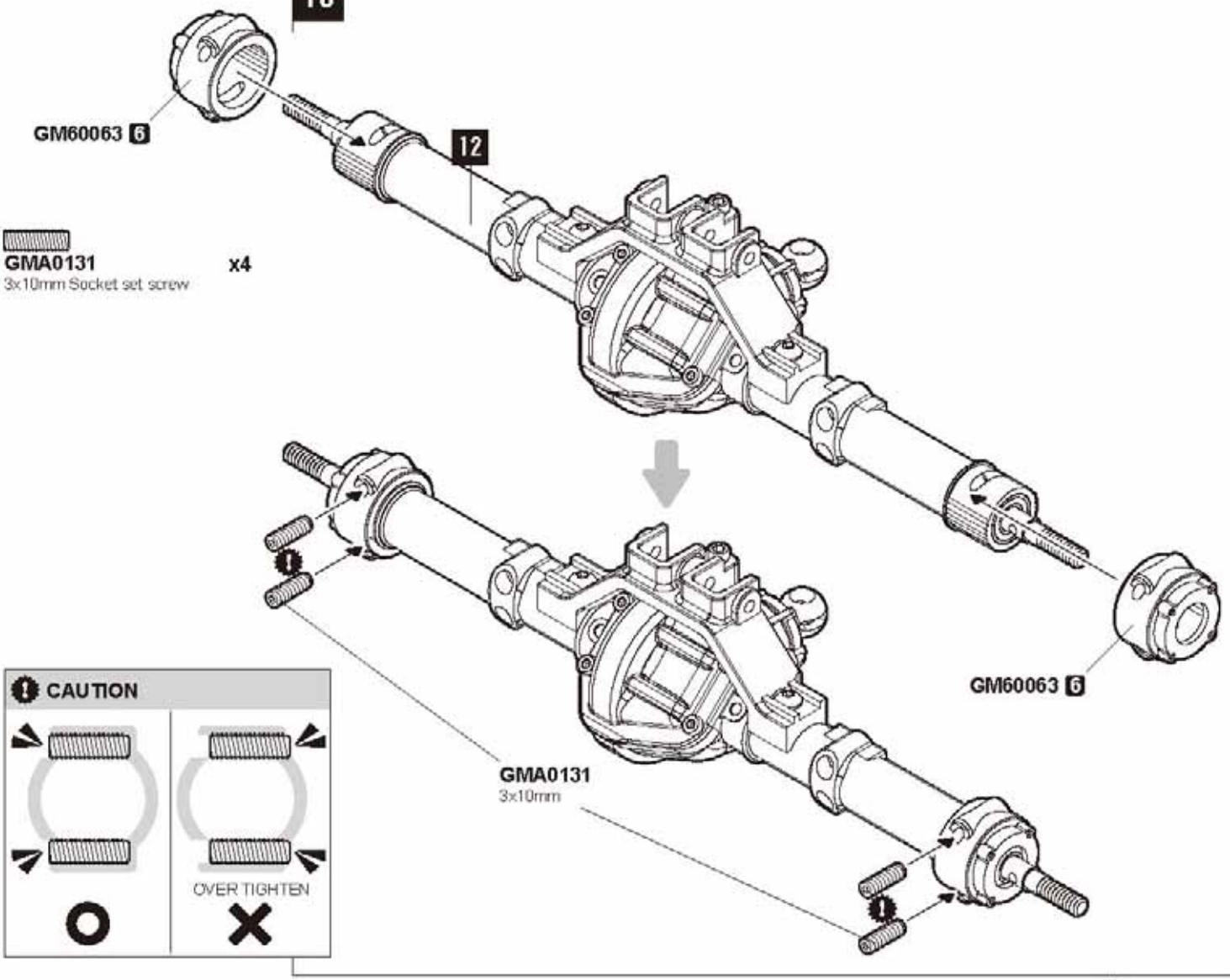
GM60112
Straight drive shaft 107mm
x2

GMA0165
Ball bearing 5x11x4mm
x2

GMA0163
Ball bearing 5x8x2.5mm
x2



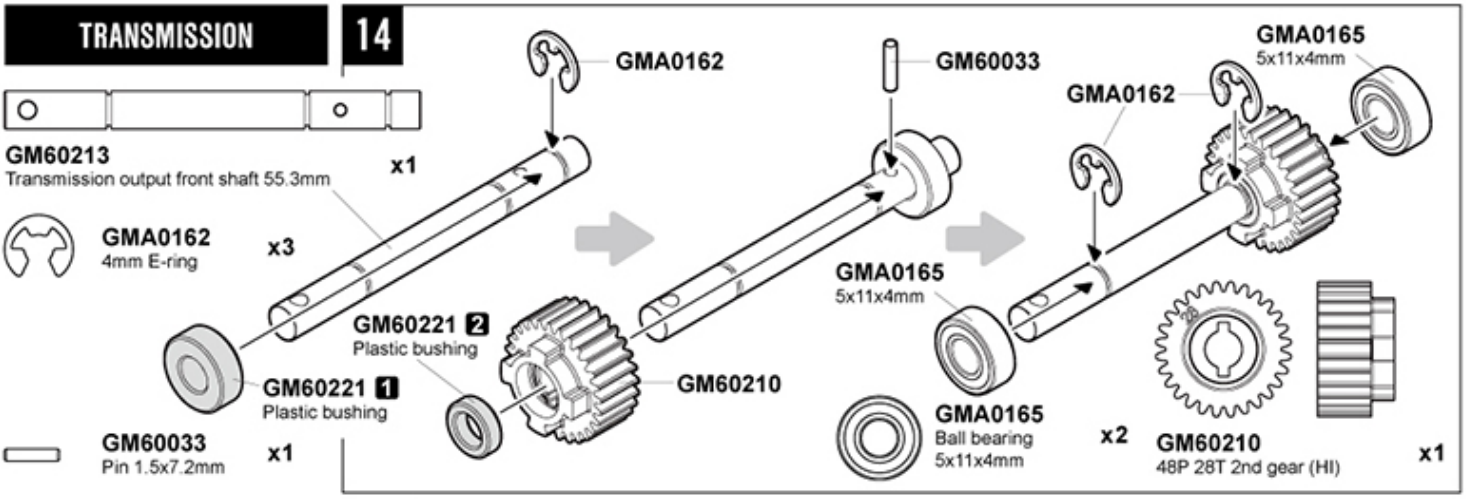
13



CAUTION

TRANSMISSION

14



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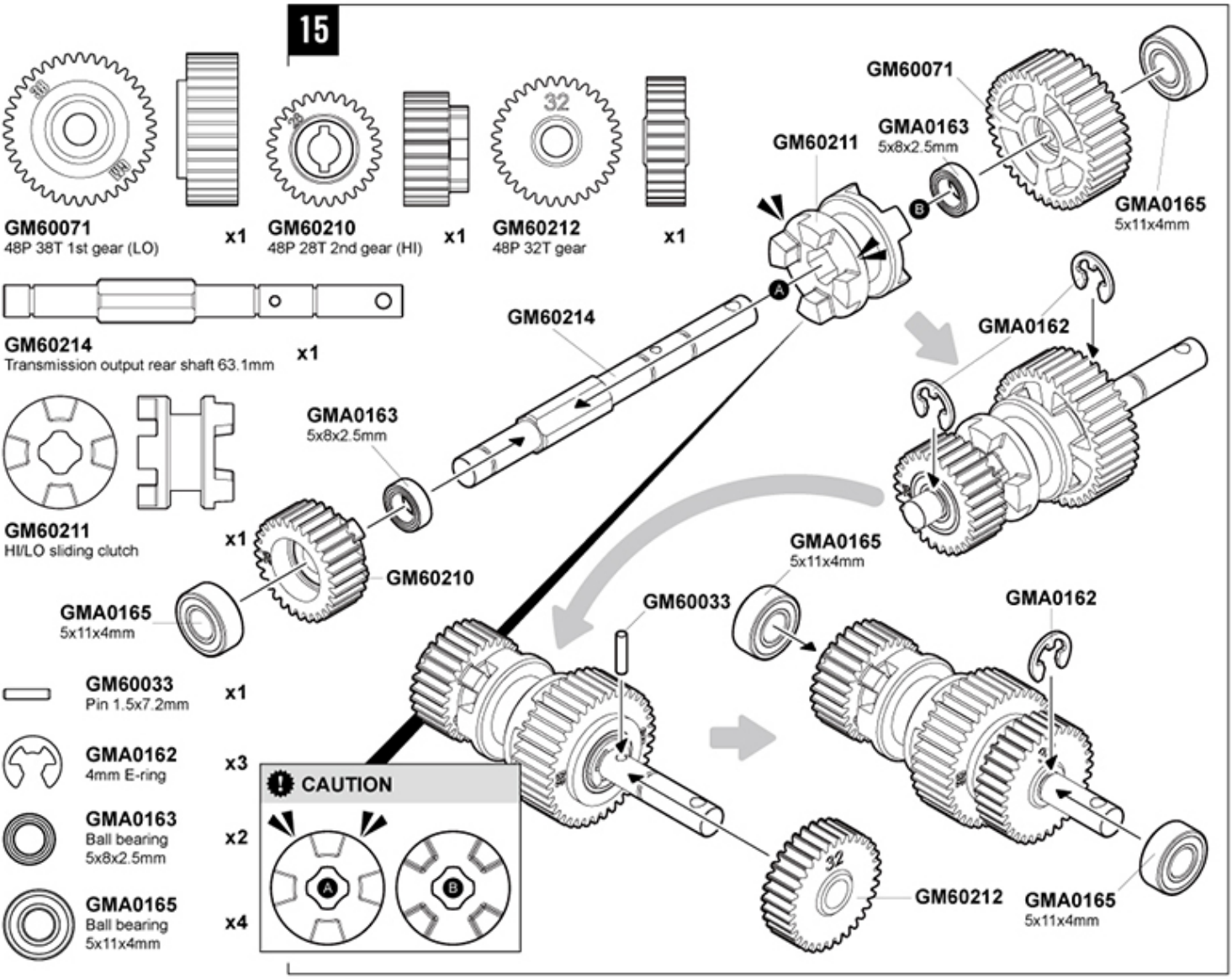
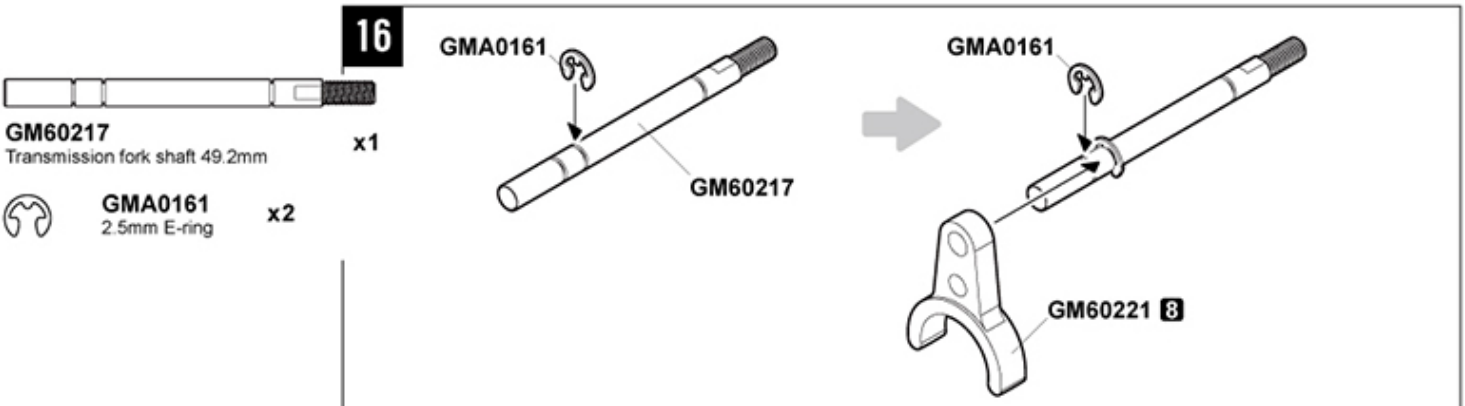
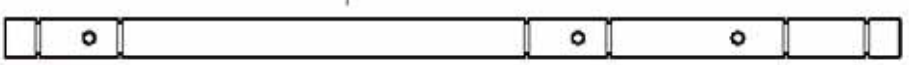


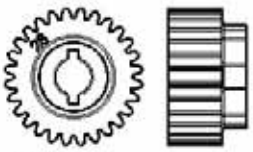
16



TRANSMISSION 17

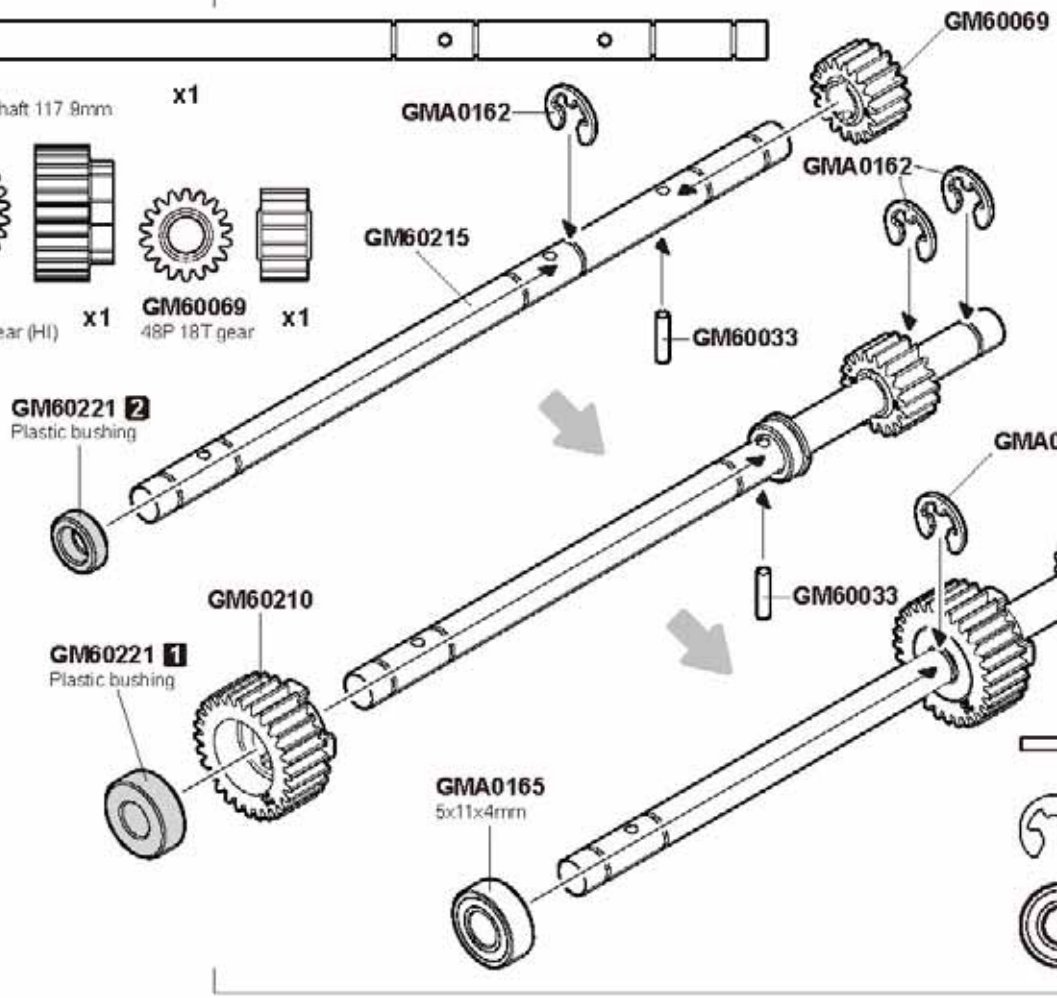


GM60215 x1
Transmission shaft 117.9mm



GM60210 x1
48P 28T 2nd gear (HI)

GM60069 x1
48P 18T gear



GM60033 x2
Pin 1.5x7.2mm

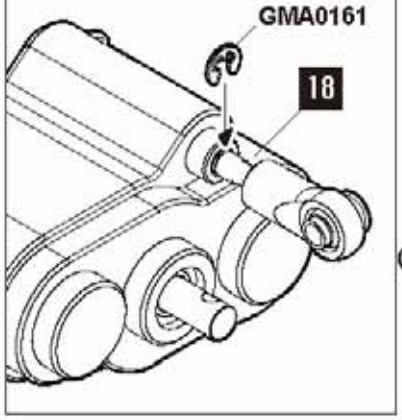
GMA0162 x4
4mm E-ring

GMA0165 x2
Ball bearing
5x11x4mm

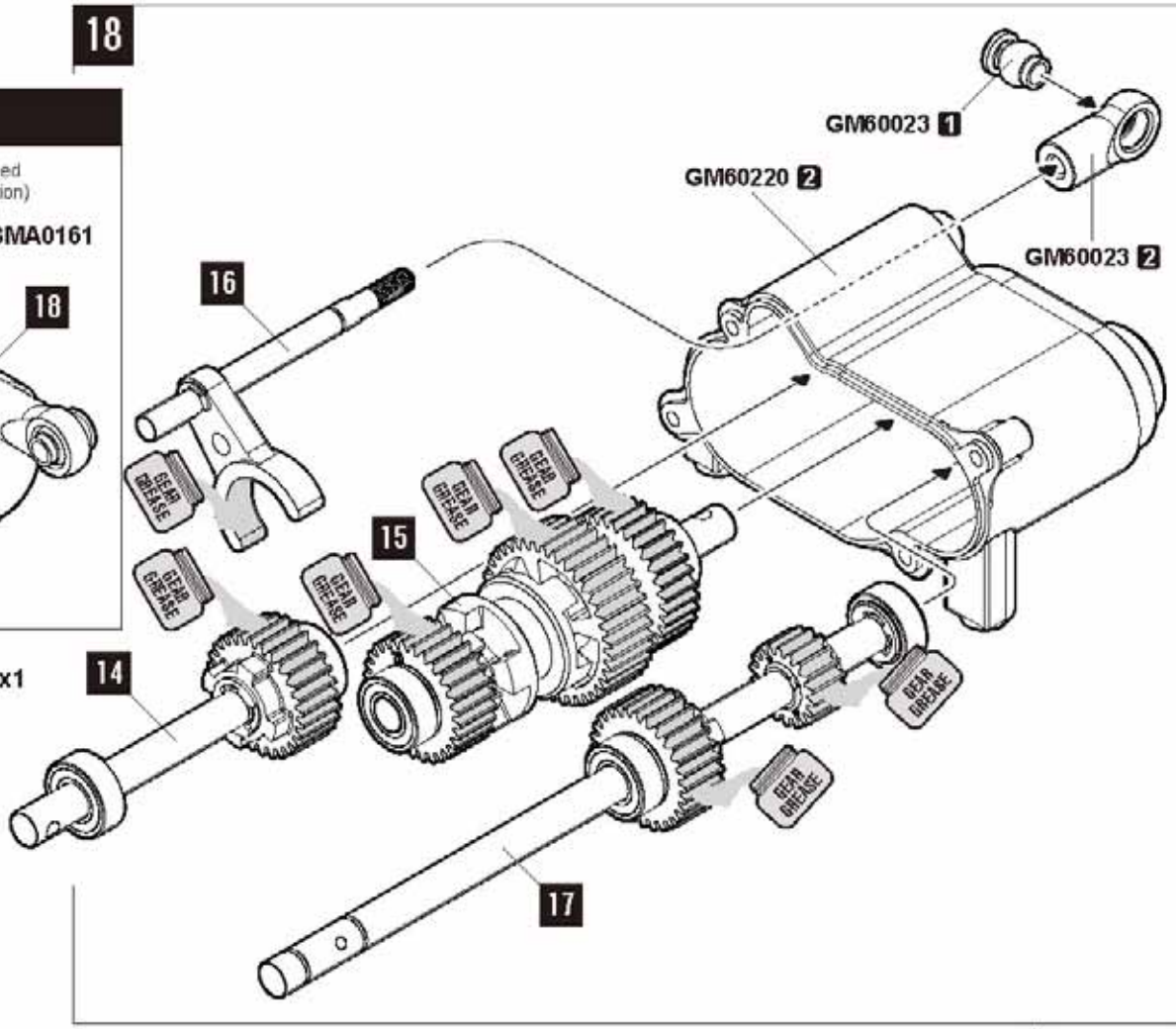
18

Option

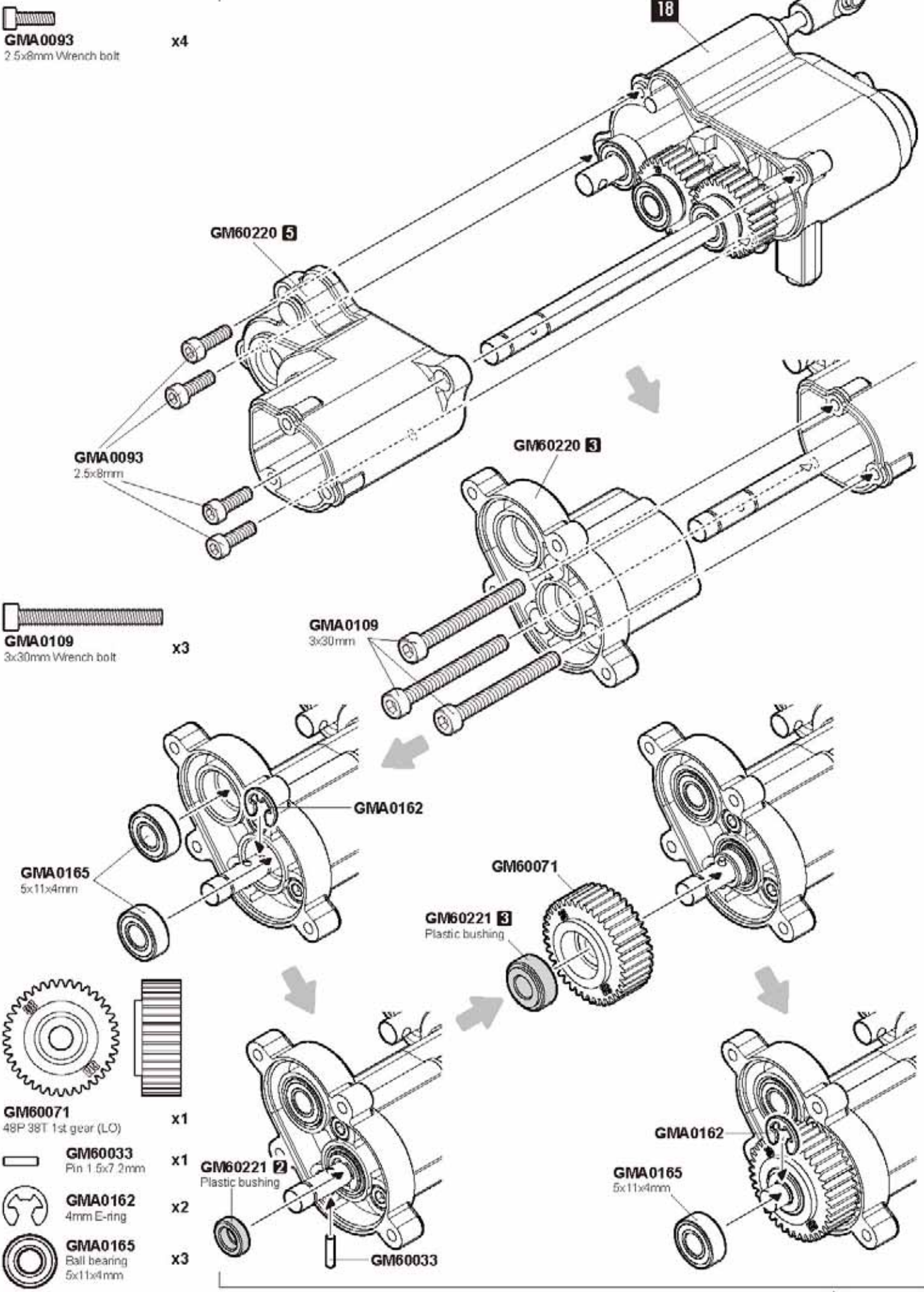
Use E-ring for full time low speed and high torque. (no shift function)



GMA0161 x1
2.5mm E-ring

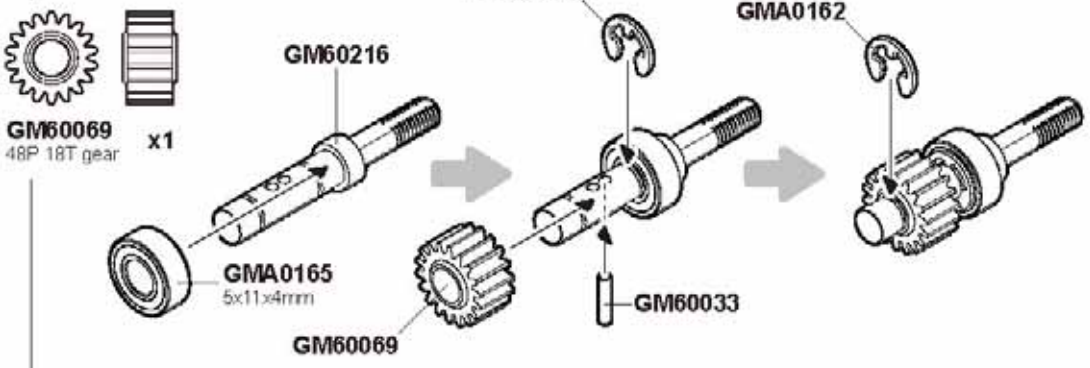


TRANSMISSION 19



TRANSMISSION

20



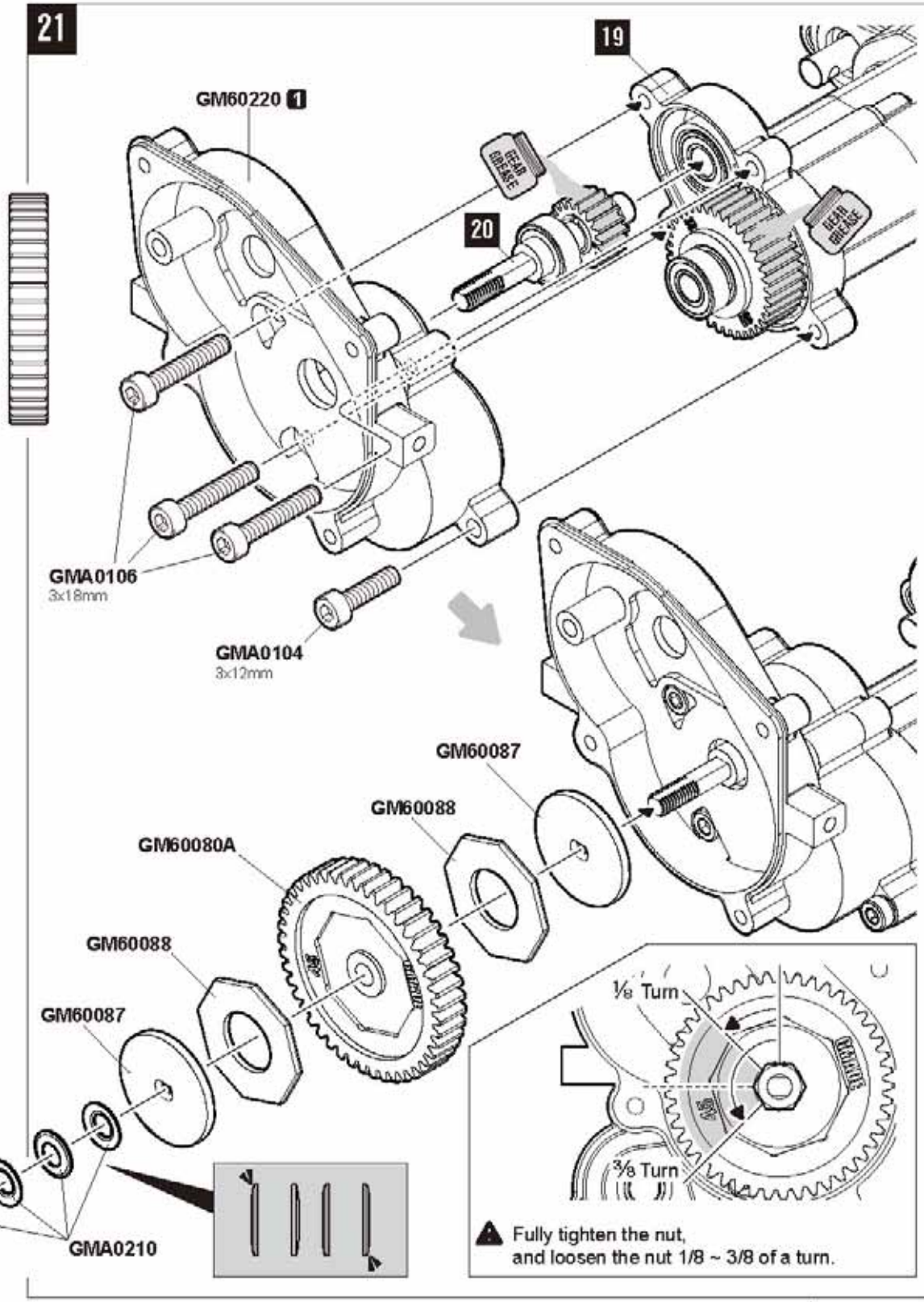
GM60216 x1
Slipper shaft 37.8mm

GM60033 x1
Pin 1.5x7.2mm

GMA0162 x2
4mm E-ring

GMA0165 x1
Ball bearing
5x11x4mm

21



GMA0104 x1
3x12mm Wrench bolt

GMA0106 x3
3x18mm Wrench bolt

GM60080A x1
32P 45T Spur gear

GM60087 x2
Slipper disk 20x1.5mm

GM60088 x2
Slipper pad

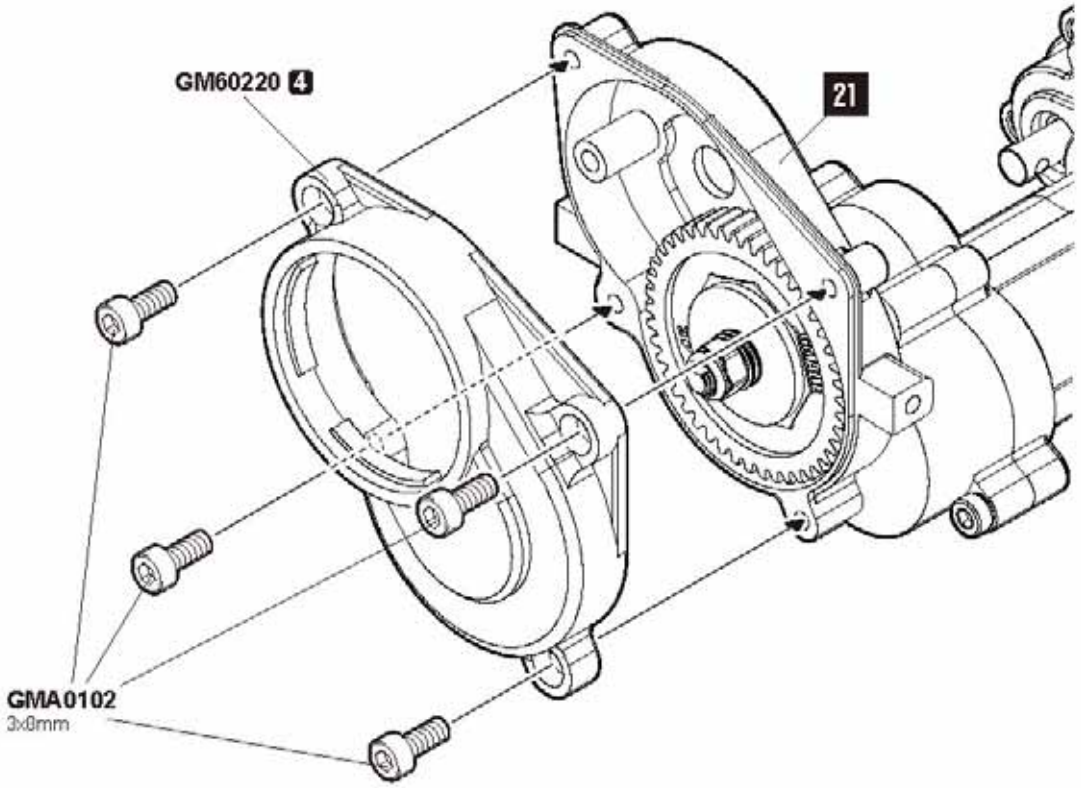
GMA0210 x4
4mm conical spring washer

GMA0157 x1
M4 nylon lock nut

TRANSMISSION

GMA0102 x4
3x8mm Wrench bolt

22



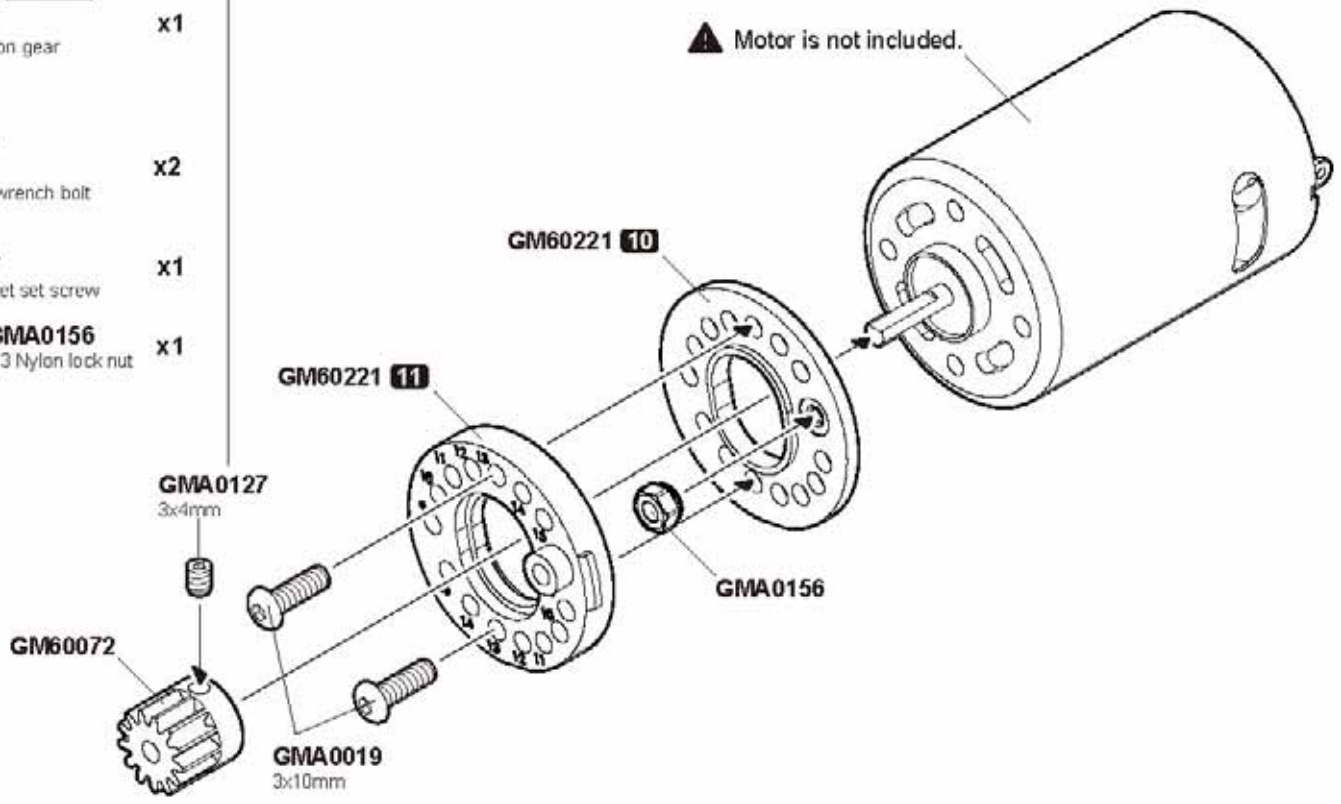
GM60072 x1
32P 13T pinion gear

GMA0019 x2
3x10mm
Round head wrench bolt

GMA0127 x1
3x4mm Socket set screw

GMA0156 x1
M3 Nylon lock nut

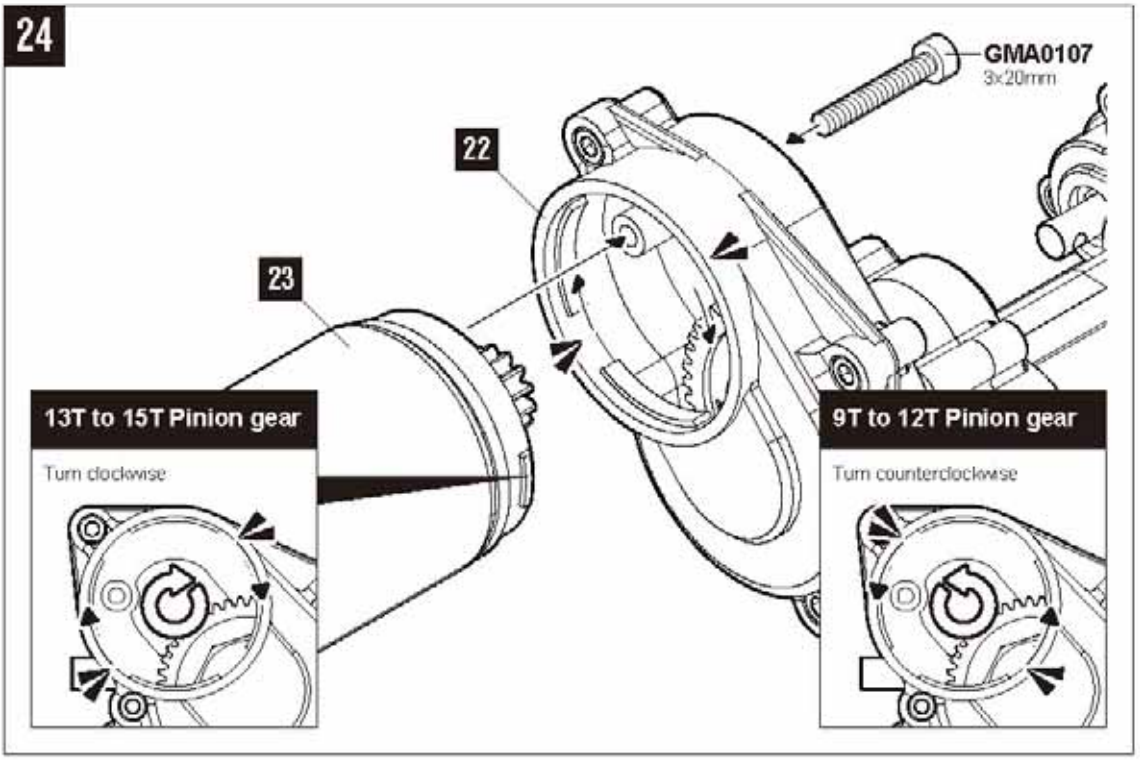
23

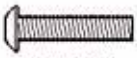


TRANSMISSION

GMA0107 x1
3x20mm Wrench bolt

24

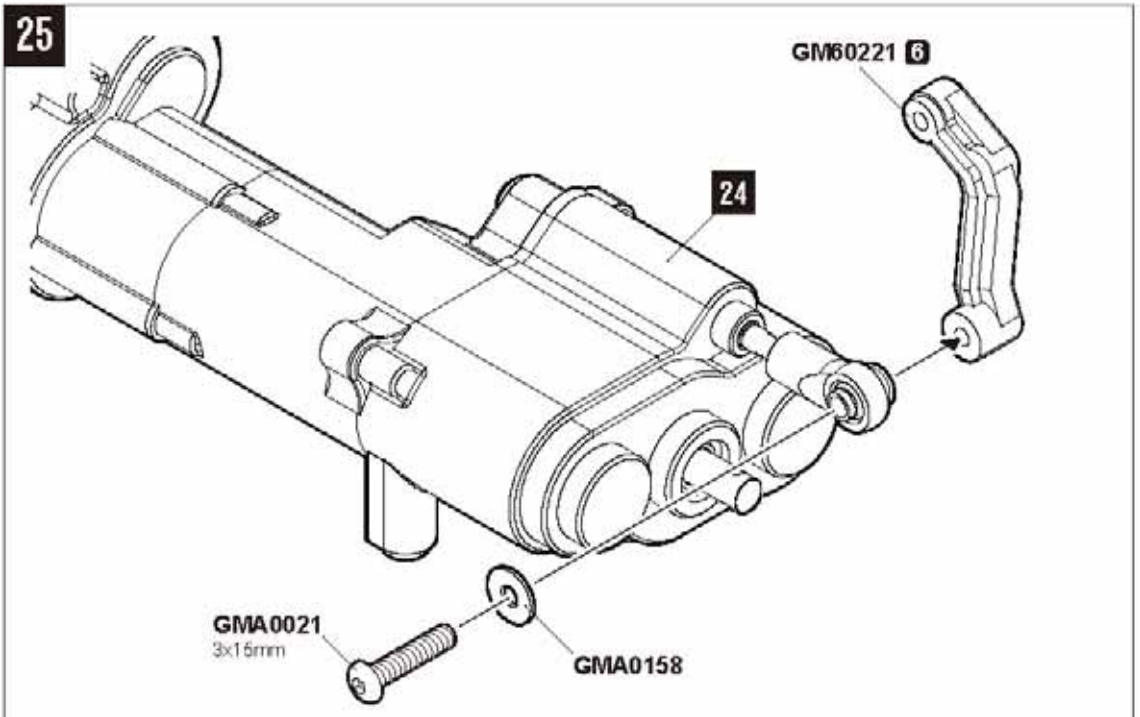




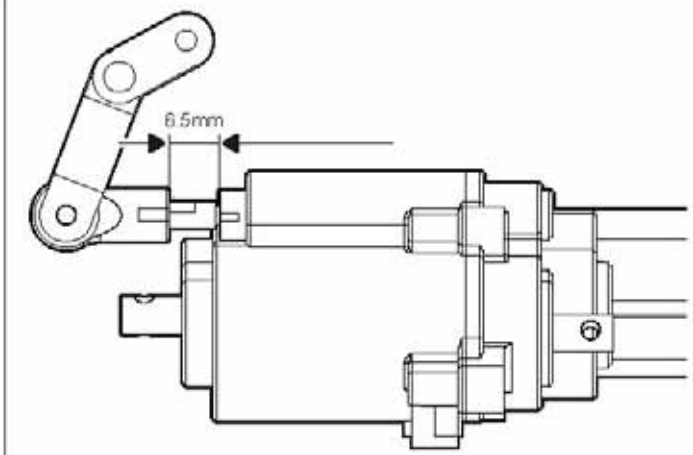
GMA0021 x1
3x15mm
Round head wrench bolt

GMA0158 x1
3mm Washer

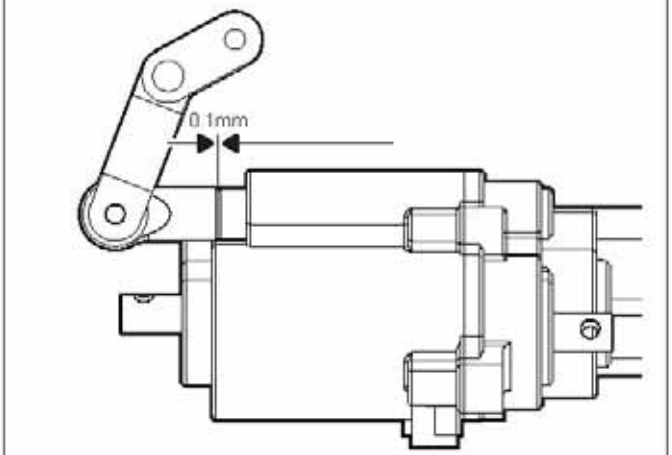
25



Low speed



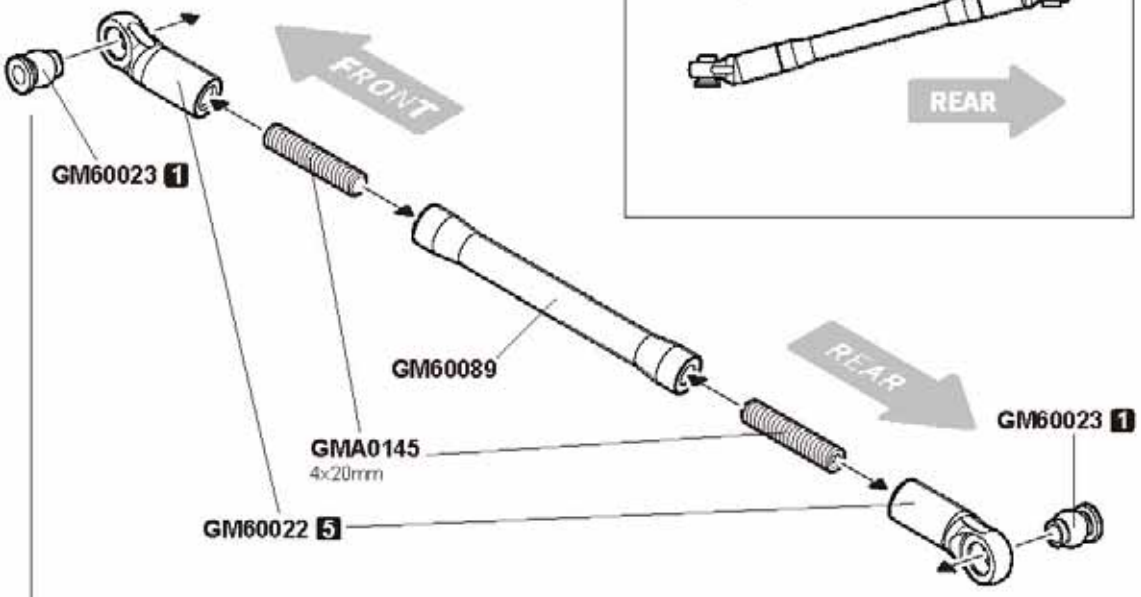
High speed



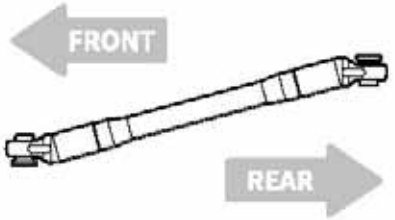
FRONT UPPER LINK 26

GM60089 x1
Upper link M4x6.8x55mm

GMA0145 x2
4x20mm Socket set screw



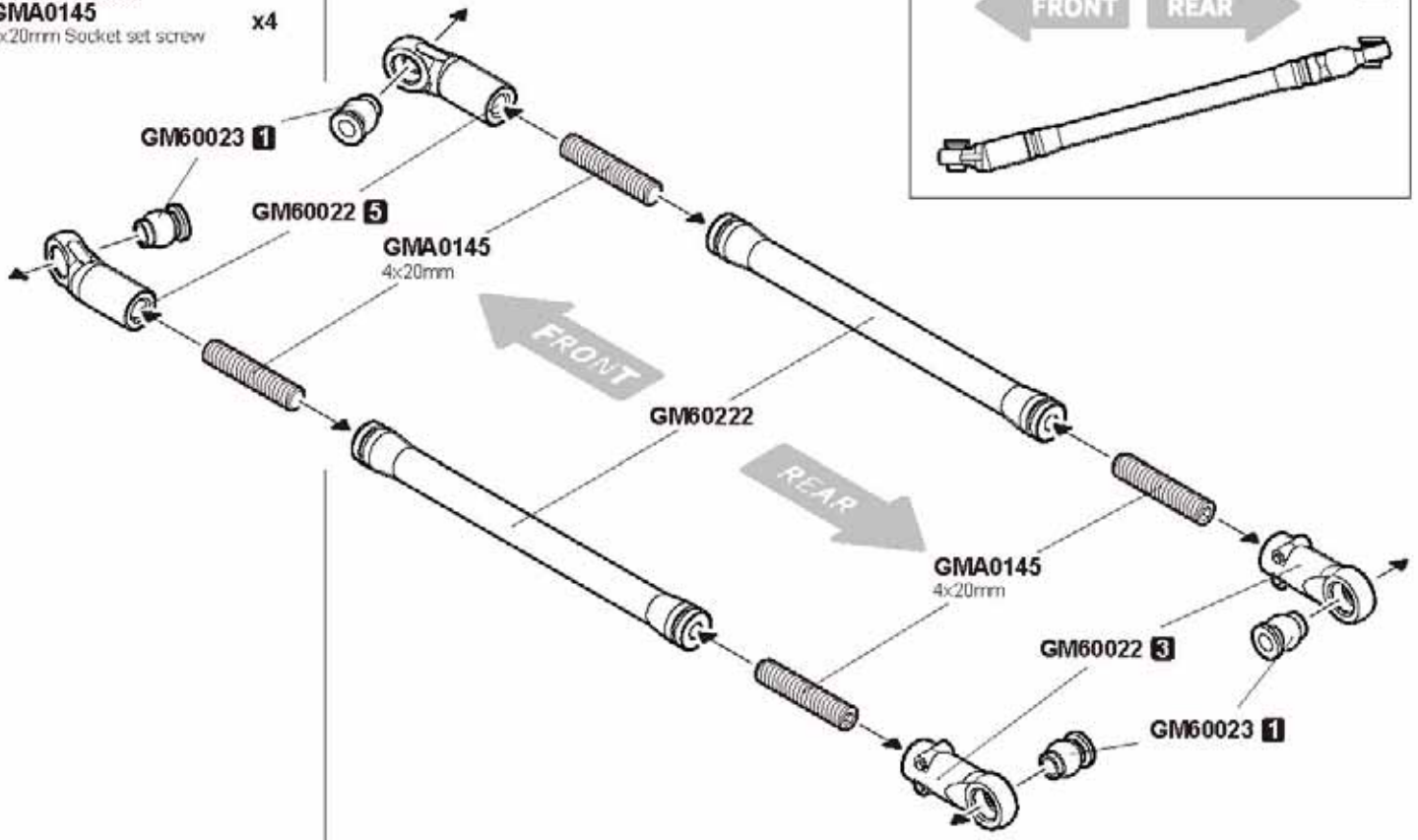
FRONT UPPER LINK TOP VIEW



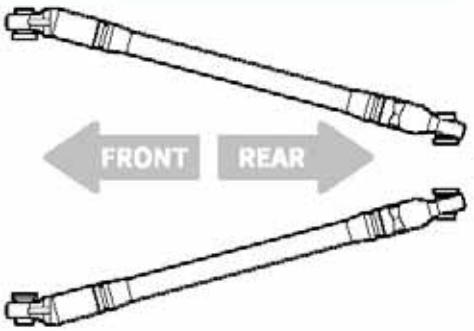
FRONT LOWER LINK 27

GM60222 x2
Lower link M4x6.8x78mm

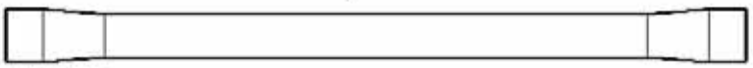
GMA0145 x4
4x20mm Socket set screw



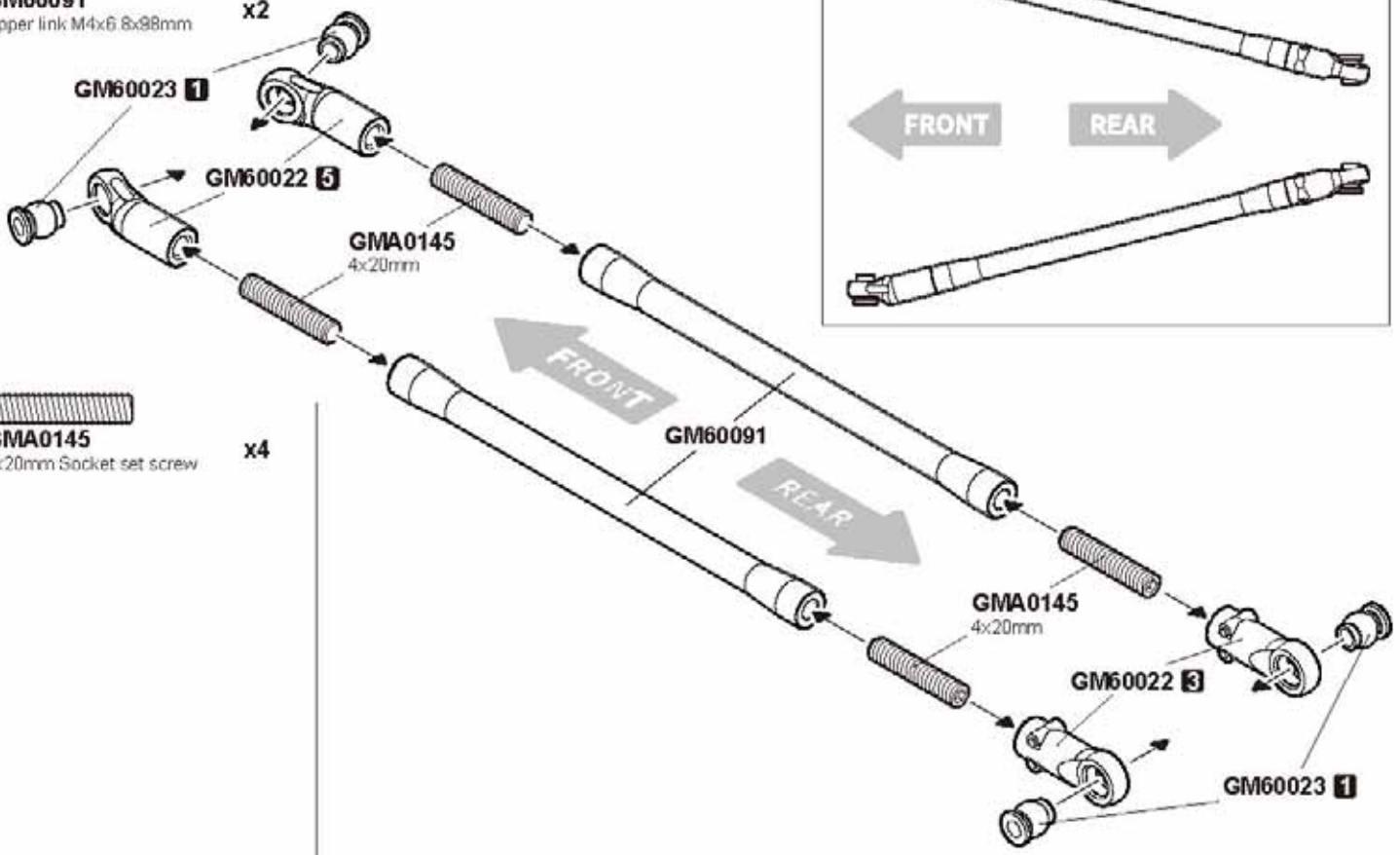
FRONT LOWER LINK TOP VIEW



REAR UPPER LINK 28

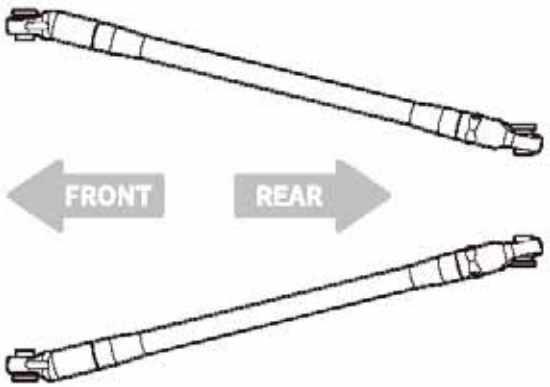


GM60091
Upper link M4x6.8x98mm
x2



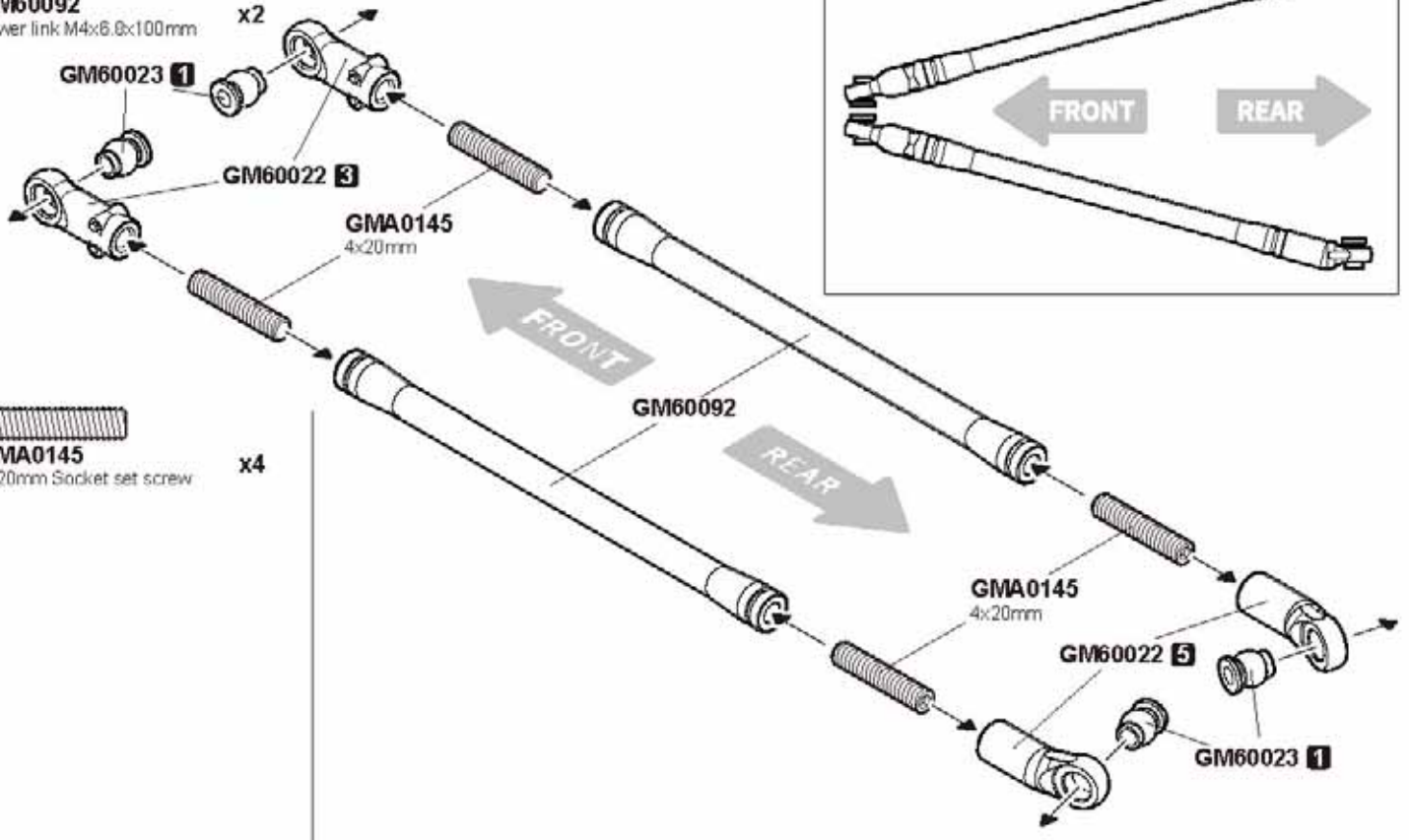
GMA0145
4x20mm Socket set screw
x4

REAR UPPER LINK TOP VIEW



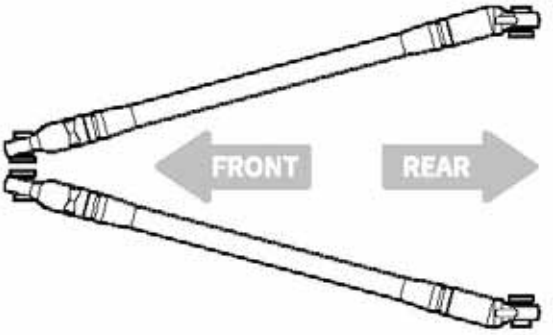
REAR LOWER LINK 29

GM60092
Lower link M4x6.8x100mm
x2



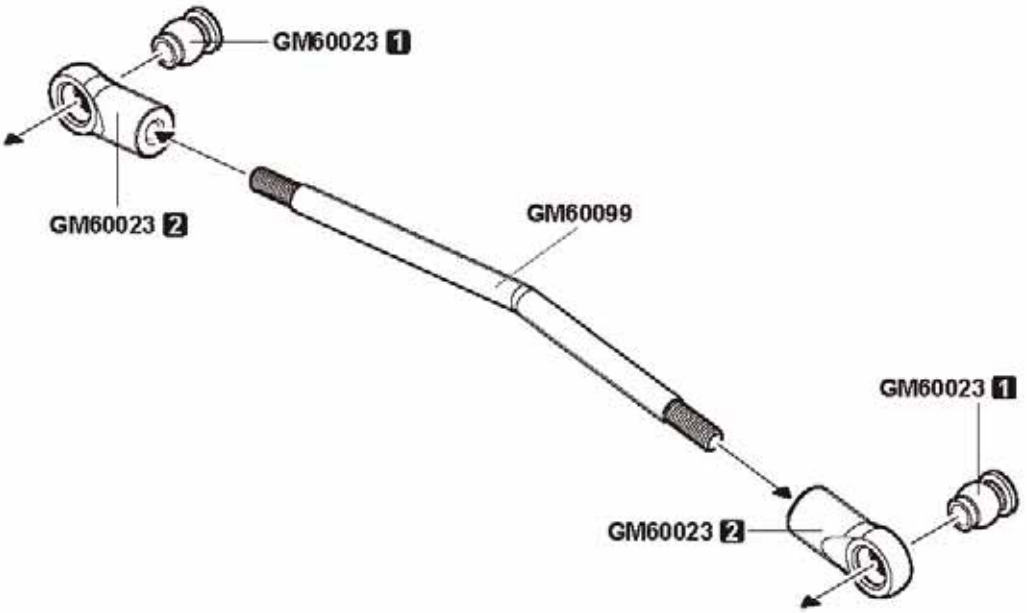
GMA0145
4x20mm Socket set screw
x4

REAR LOWER LINK TOP VIEW

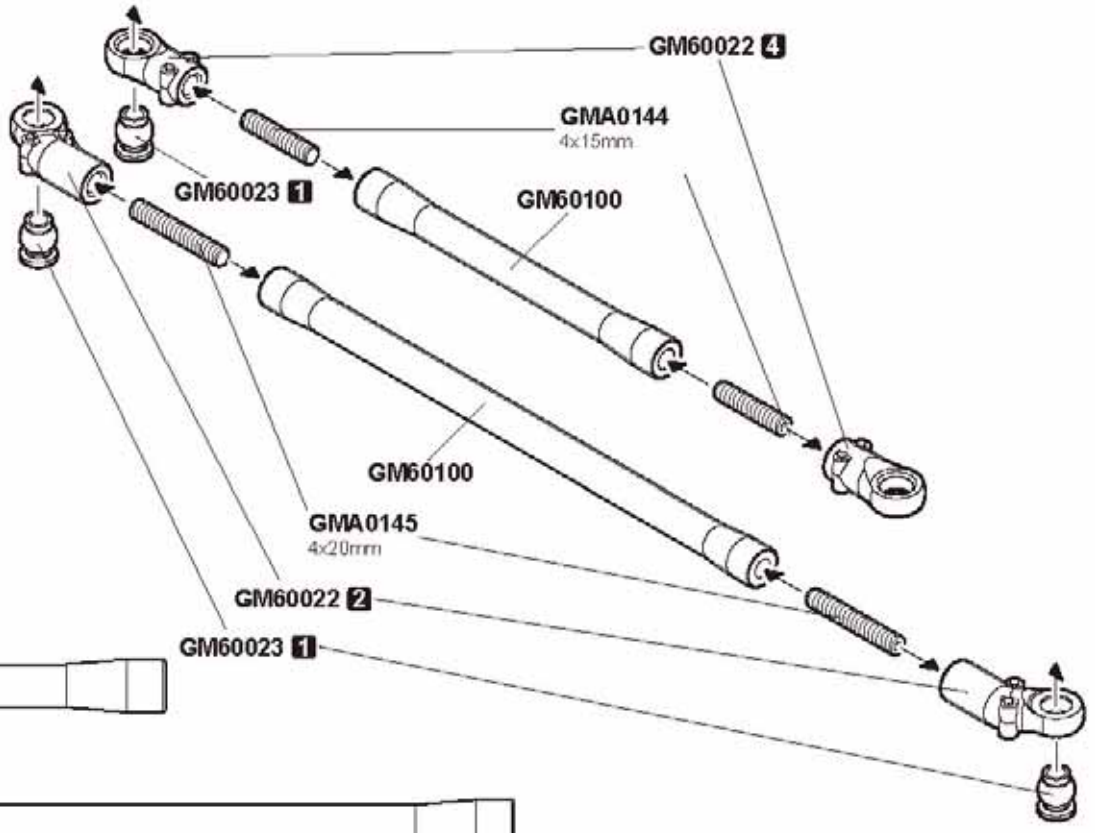


PANHARD ROD 30

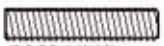
GM60099 x1
Panhard rod 86mm



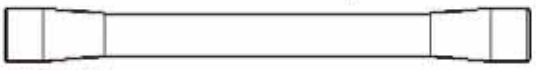
STEERING ROD 31



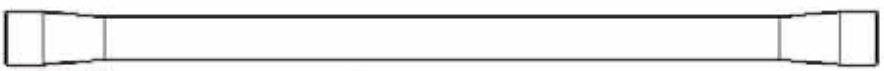
GMA0144 x2
4x15mm Socket set screw



GMA0145 x2
4x20mm Socket set screw



GM60100 x1
Steering rod M4x6.8x69m



GM60100 x1
Steering rod M4x6.8x115mm

SHOCK ABSORBER

GMA0212 x4
7x1 O-ring

GMA0160 x4
2mm E-ring

GMA0169 x8
P3 O-ring

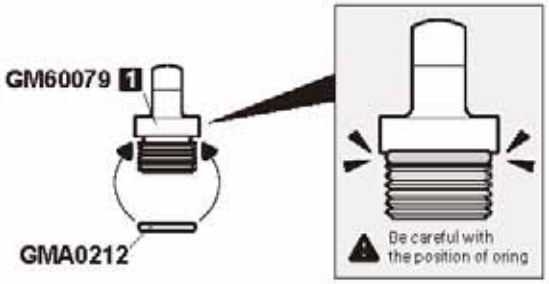
GM0020075 x2
Shock shaft 3.5x46.4mm

GM60096 x2
Shock shaft 3.5x33.9mm

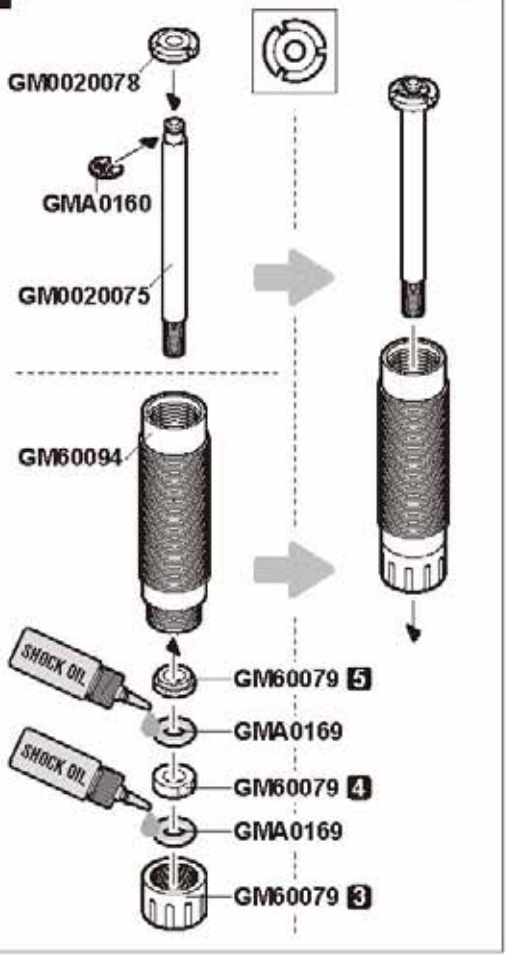
GM60094 x2
SD 90mm shock body

GM60095 x2
SD 67mm shock body

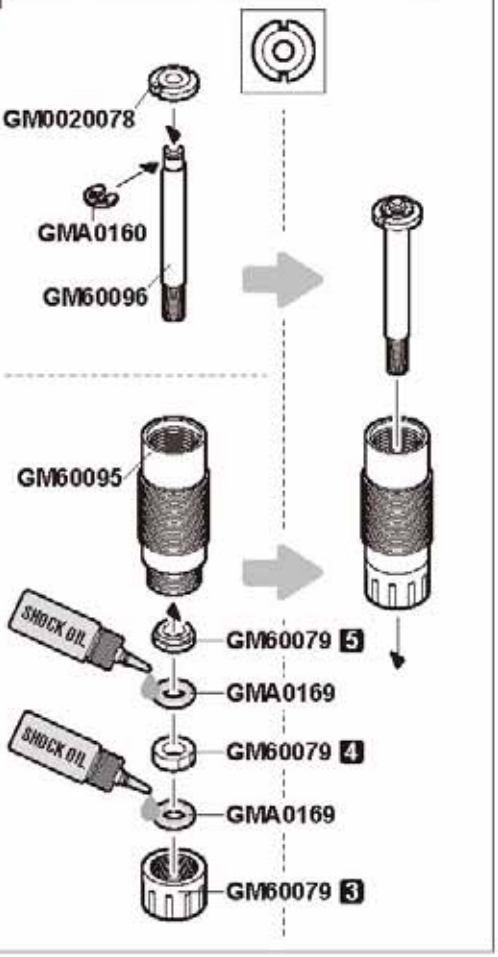
32 ⚠ MAKE X 4



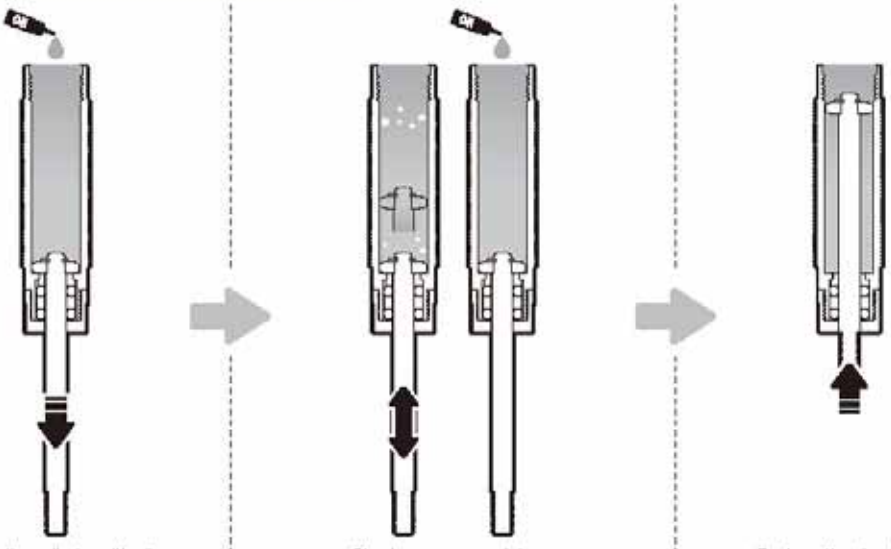
33 ⚠ MAKE X 2 : FRONT SHOCK ABSORBER



34 ⚠ MAKE X 2 : REAR SHOCK ABSORBER



35 ⚠ MAKE X 4 : FRONT & REAR

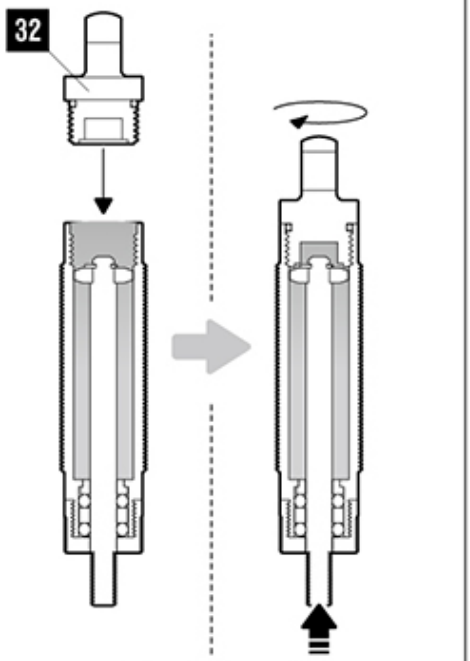


Fill up the cylinder with oil.

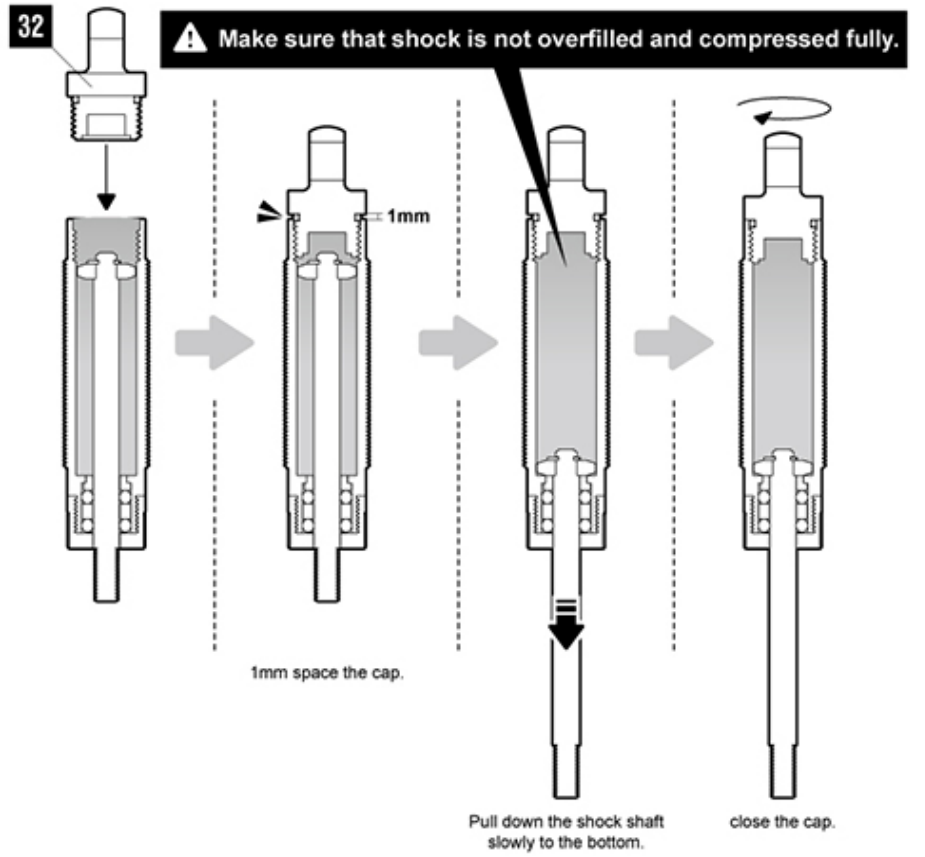
Slowly move up and down to remove air bubbles and fill up the oil.

Push up the shock shaft slowly to the top and close the cap.

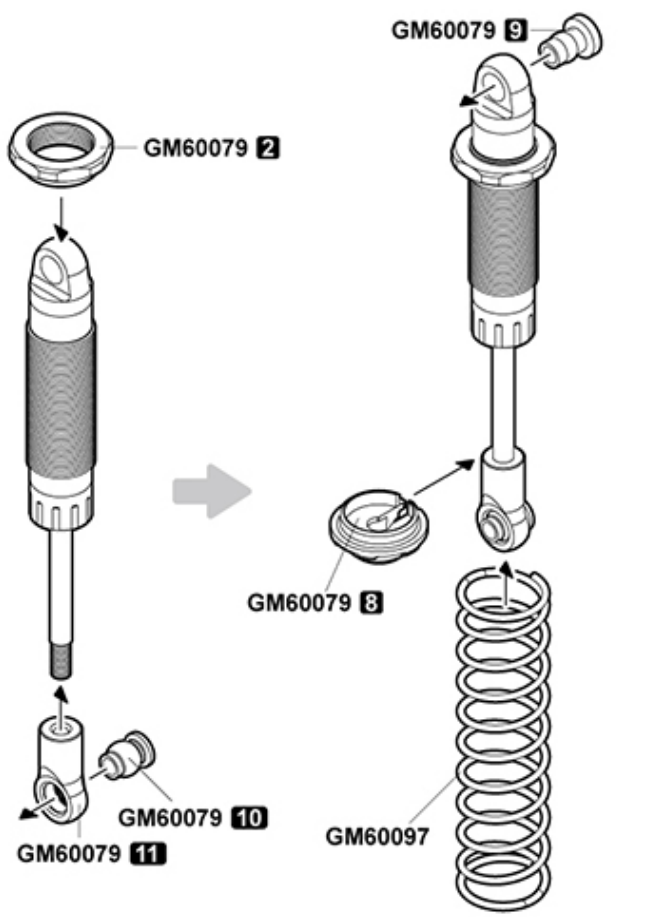
SLOWER REBOUND AND FASTER COMPRESSION



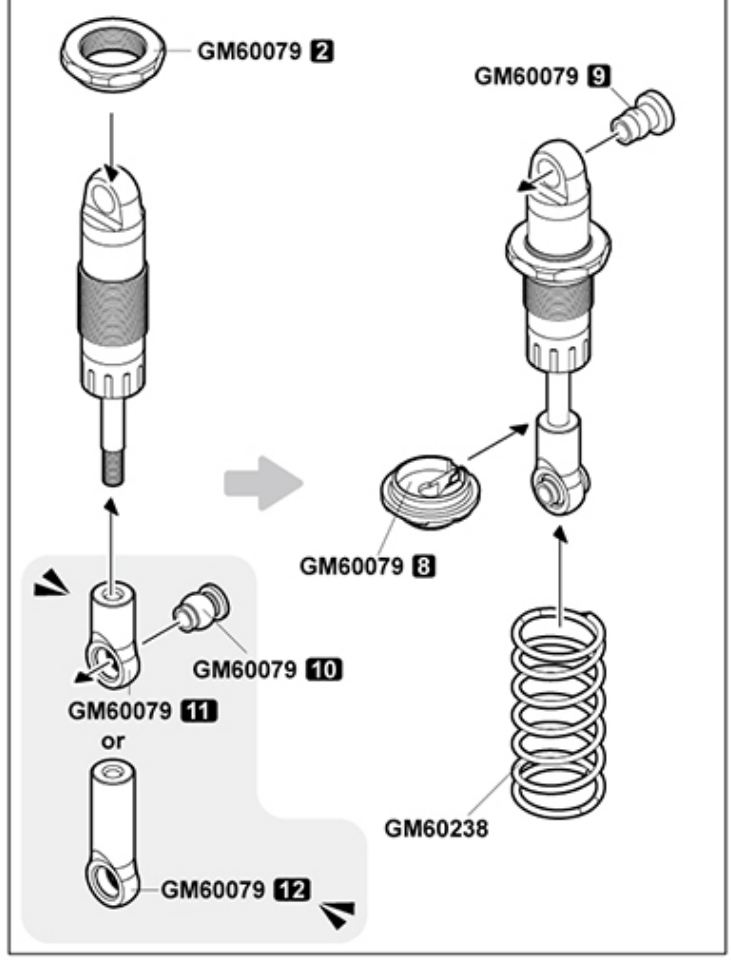
FASTER REBOUND AND SLOWER COMPRESSION



36 MAKE X 2 : FRONT SHOCK ABSORBER



37 MAKE X 2 : REAR SHOCK ABSORBER



CHASSIS

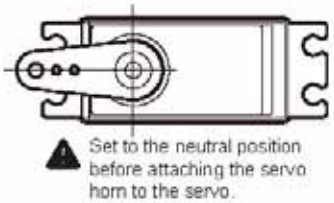
38

GMA0018
3x8mm
Round head wrench bolt
x1

GMA0020
3x12mm
Round head wrench bolt
x4

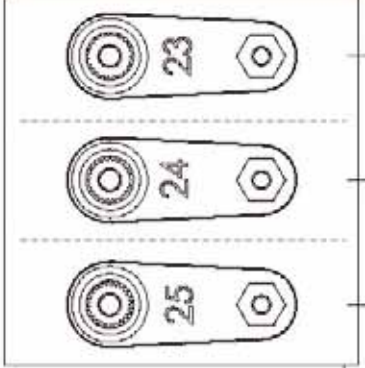
GMA0154
M3 Nut
x1

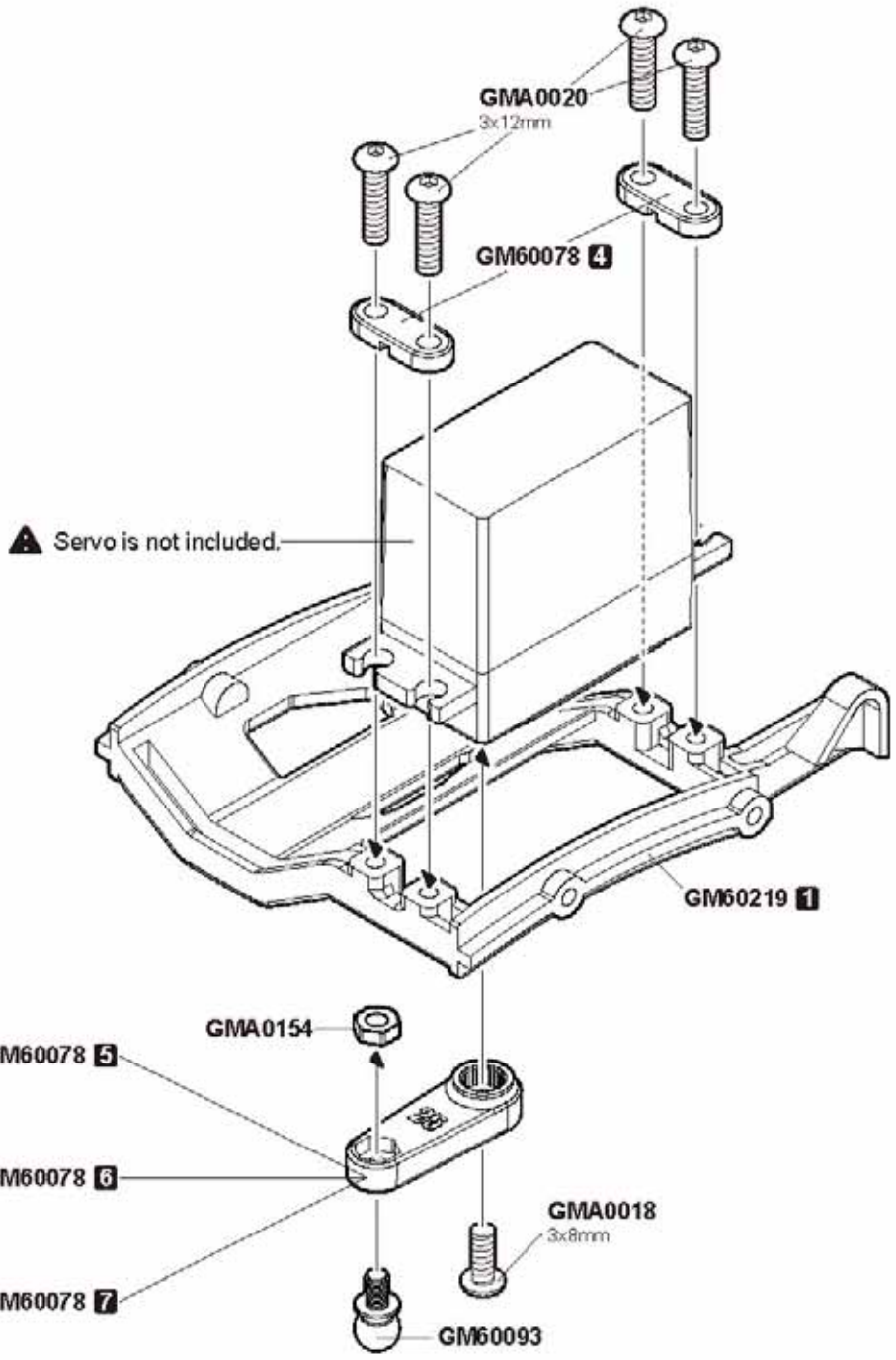
GM60093
5.8mm ball stud M3x5mm
x1



⚠ Set to the neutral position before attaching the servo horn to the servo.

SERVO HORN





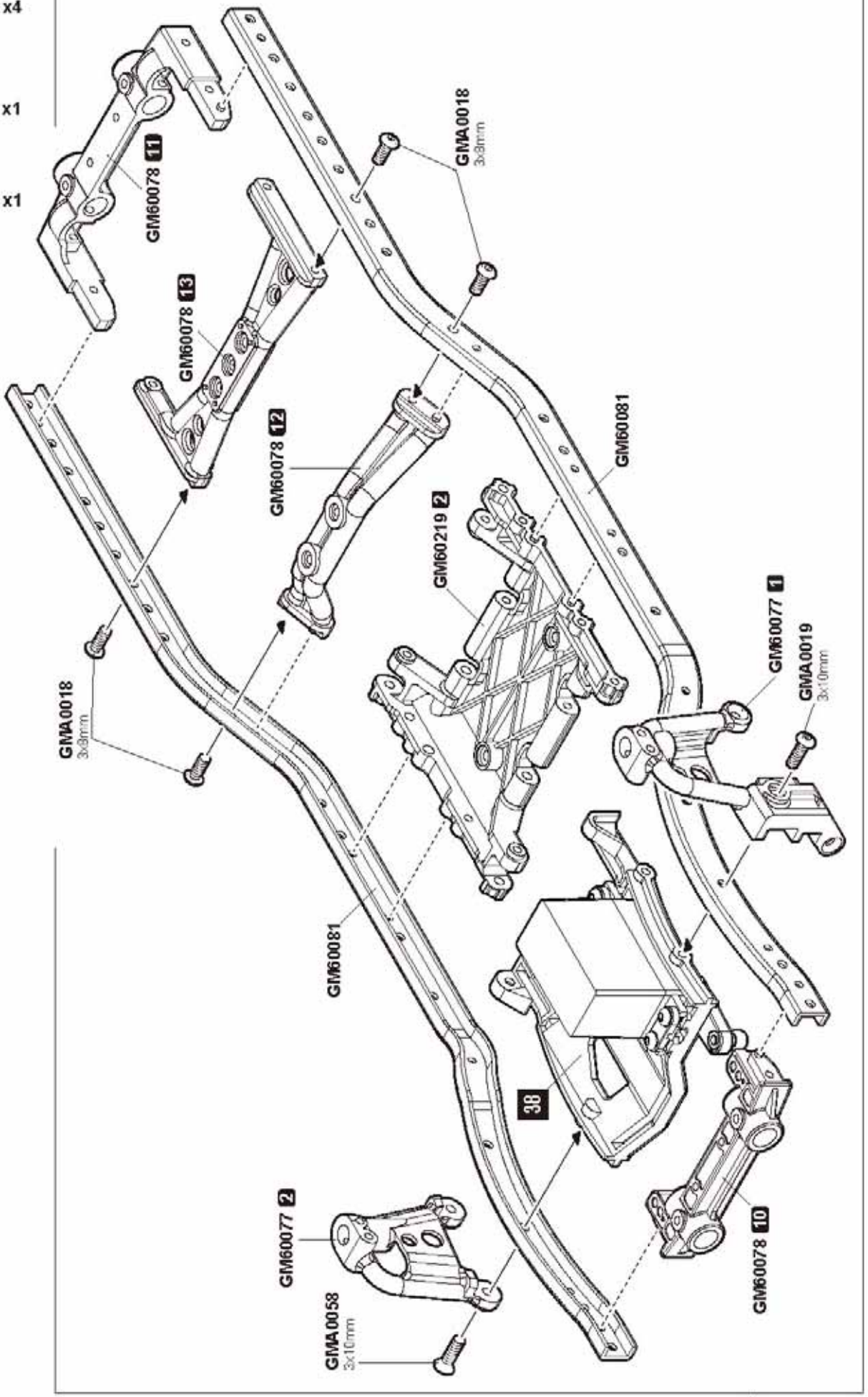
CHASSIS

39

GMA0018 x4
3x8mm
Round head wrench bolt

GMA0019 x1
3x10mm
Round head wrench bolt

GMA0058 x1
3x10mm Flat head wrench bolt



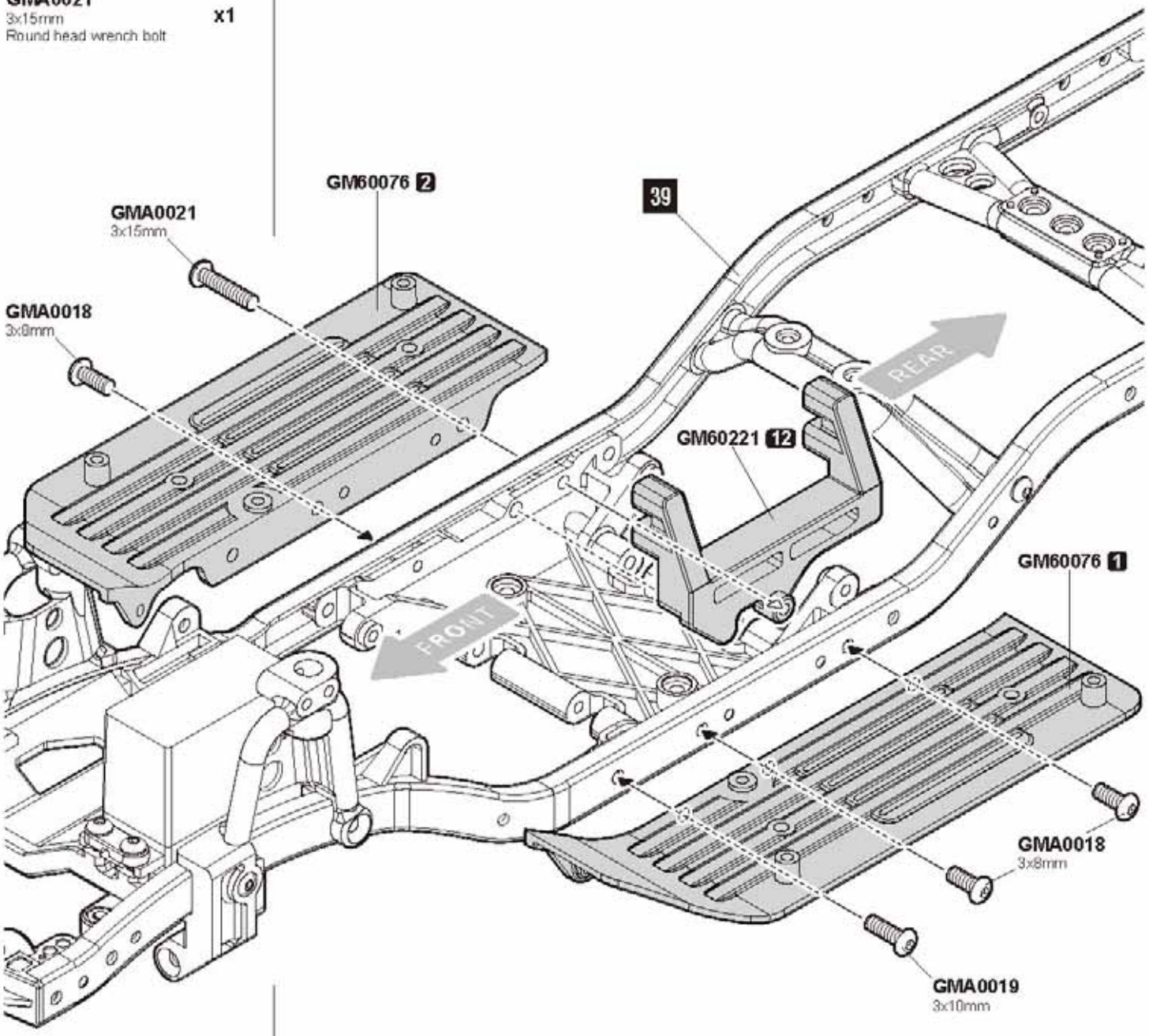
CHASSIS

40

GMA0018
3x8mm
Round head wrench bolt
x3

GMA0019
3x10mm
Round head wrench bolt
x1

GMA0021
3x15mm
Round head wrench bolt
x1

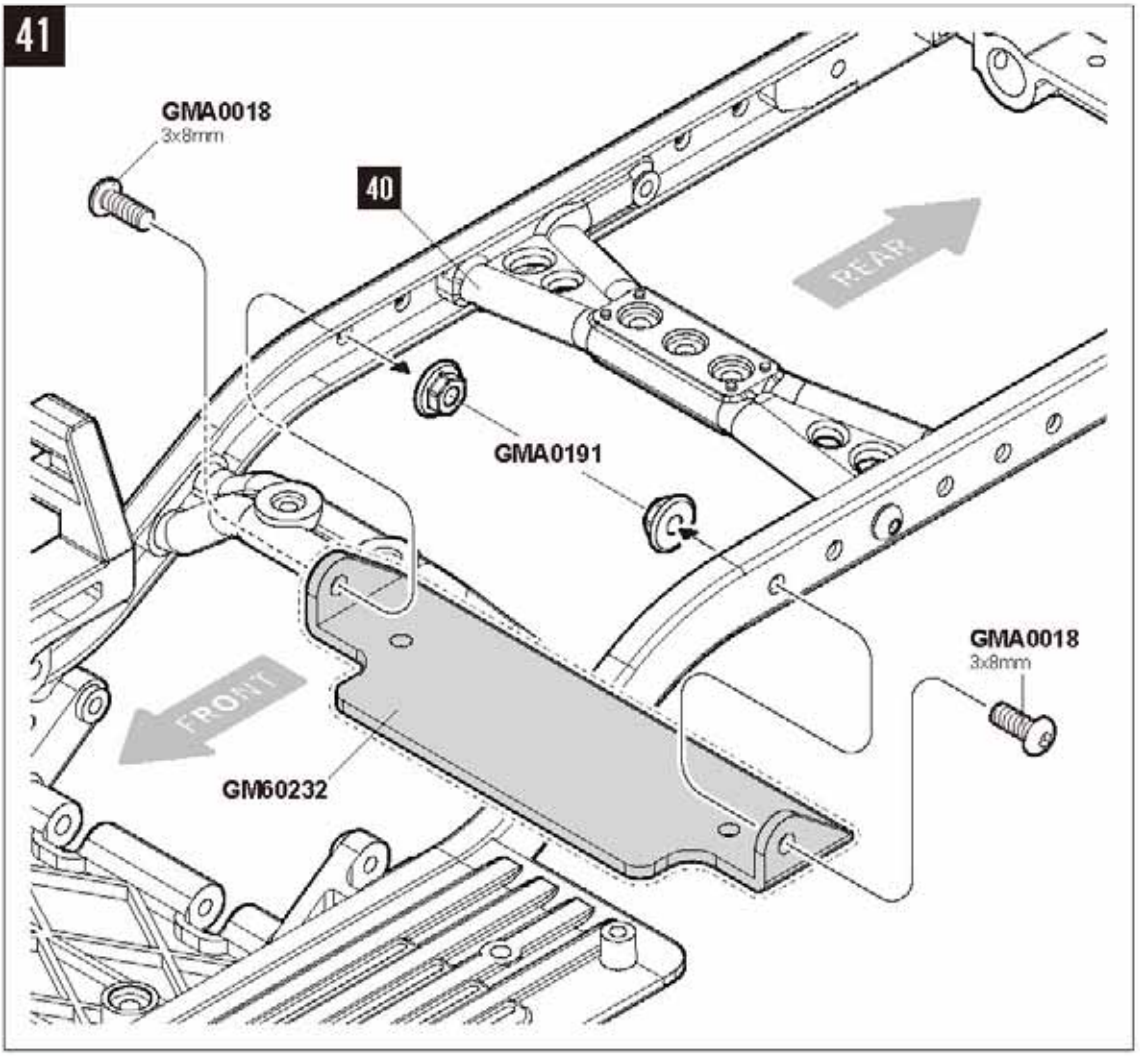


CHASSIS

GMA0018
3x8mm
Round head wrench bolt
x2

GMA0191
M3 flange nut
x2

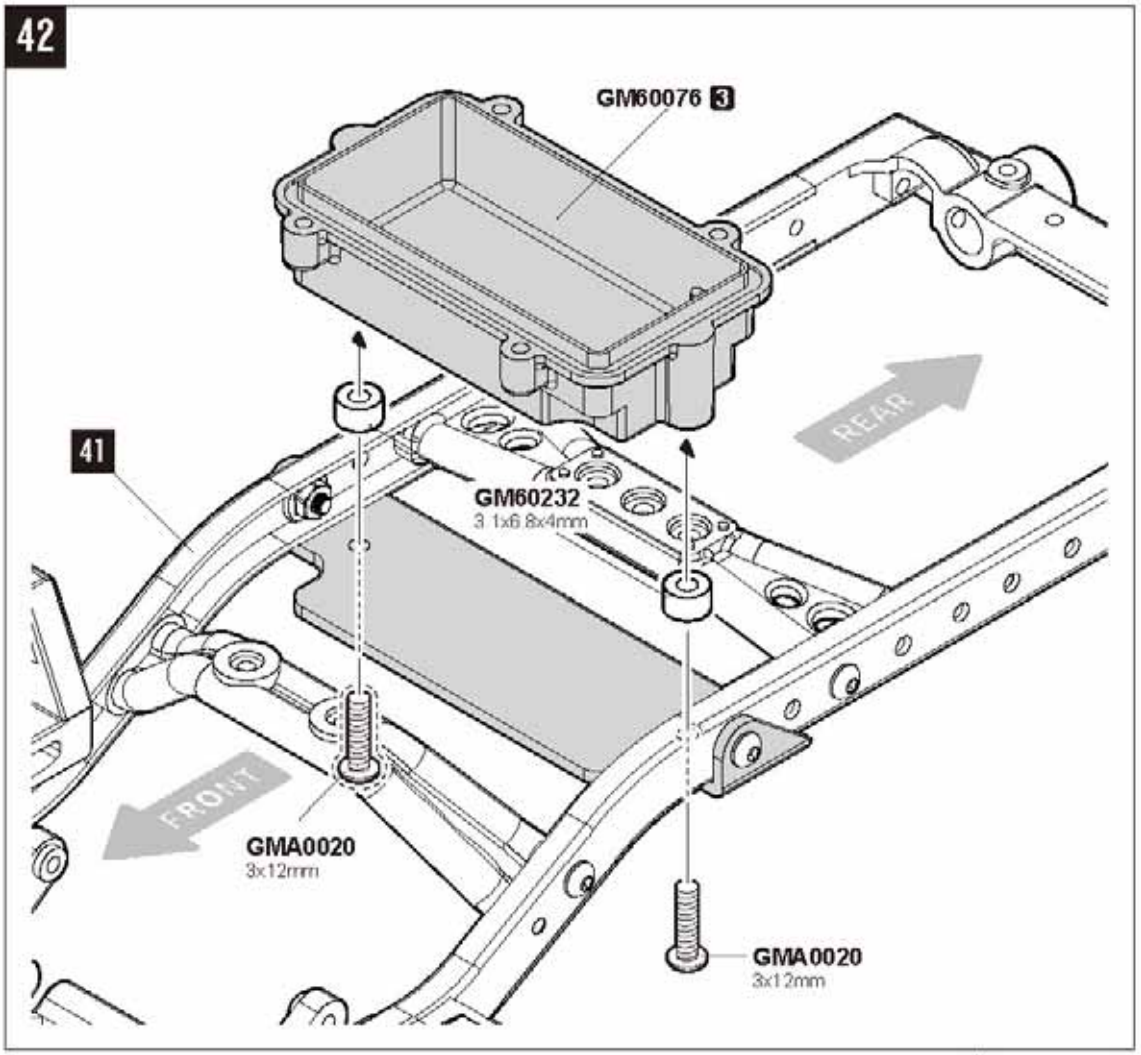
41



GMA0020
3x12mm
Round head wrench bolt
x2

GM60232
3.1x6.8x4mm spacer
x2

42



FRONT UNIVERSAL SHAFT

43

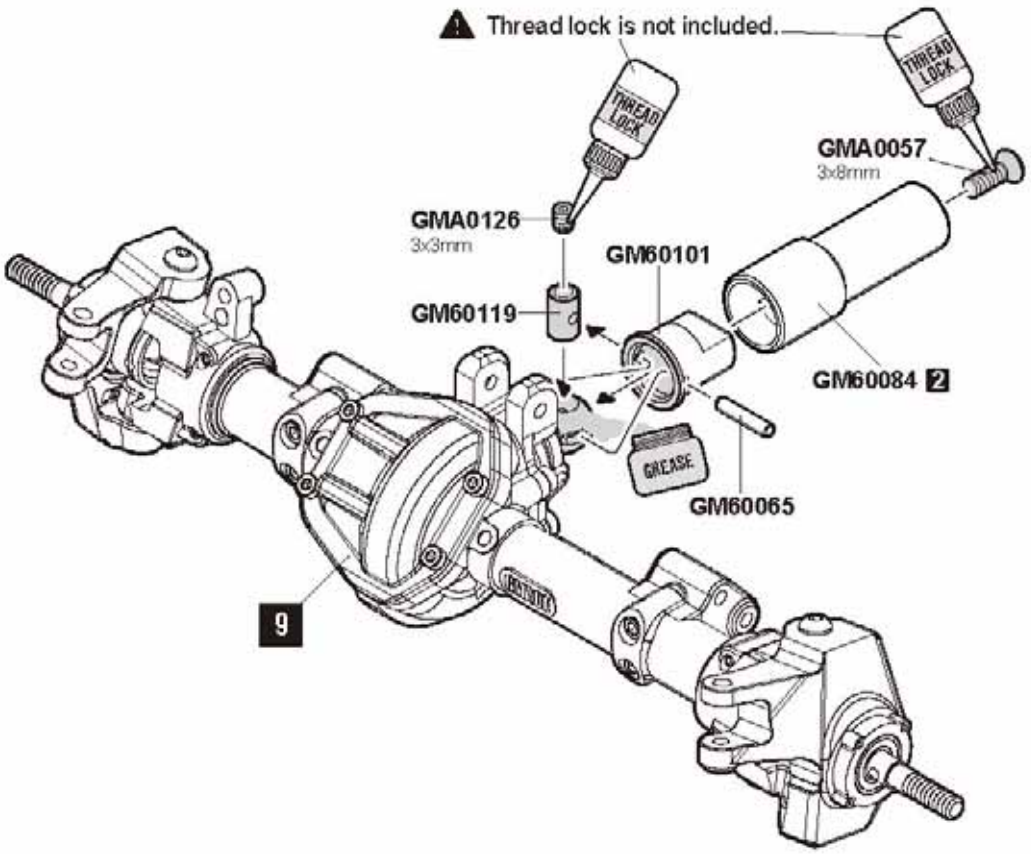
GMA0126 x1
3x3mm Socket set screw

GMA0057 x1
3x8mm Flat head wrench bolt

GM60101 x1
Universal joint cup

GM60119 x1
Universal joint drive coupler

GM60065 x1
Pin 2x11.4mm



REAR UNIVERSAL SHAFT

44

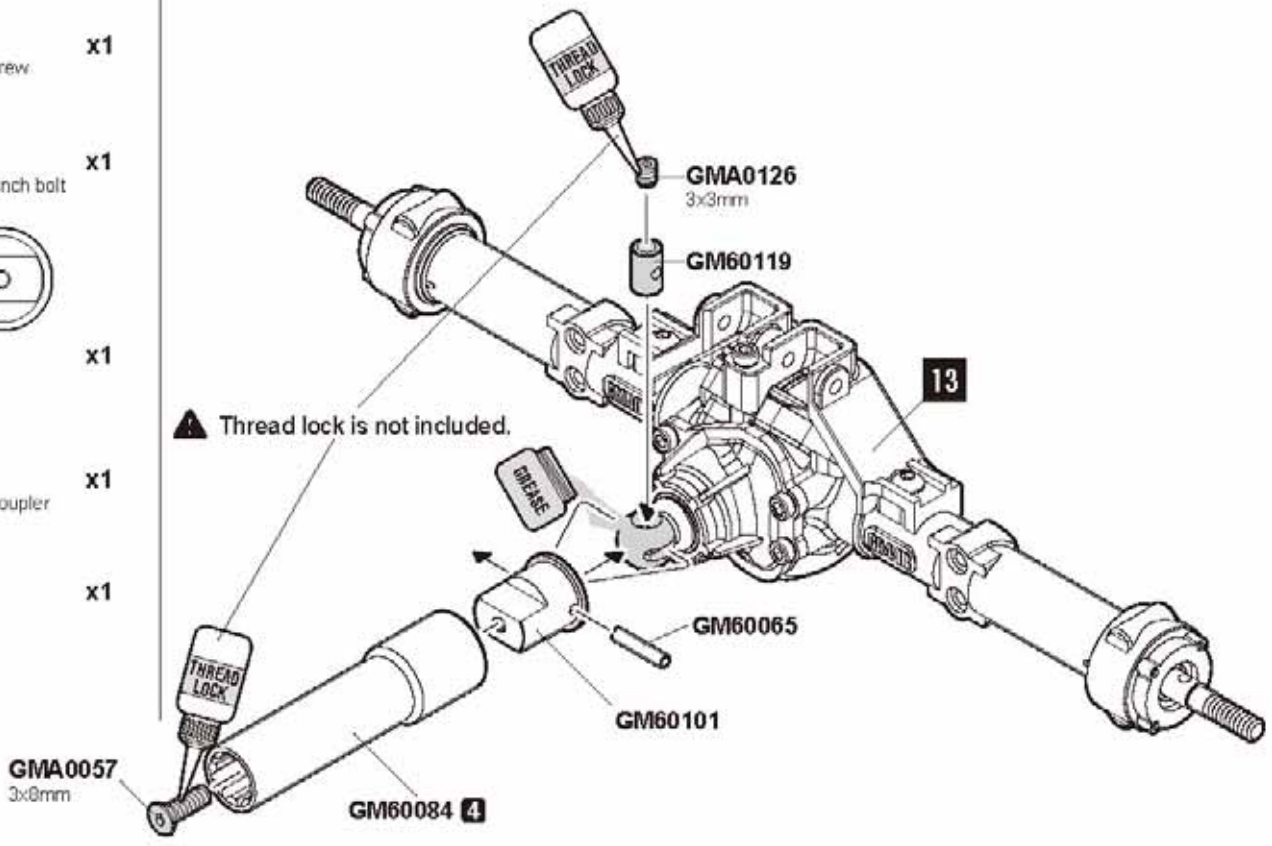
GMA0126 x1
3x3mm Socket set screw

GMA0057 x1
3x8mm Flat head wrench bolt

GM60101 x1
Universal joint cup

GM60119 x1
Universal joint drive coupler

GM60065 x1
Pin 2x11.4mm



45

GMA0126 x2
3x3mm Socket set screw

GMA0057 x2
3x8mm Flat head wrench bolt

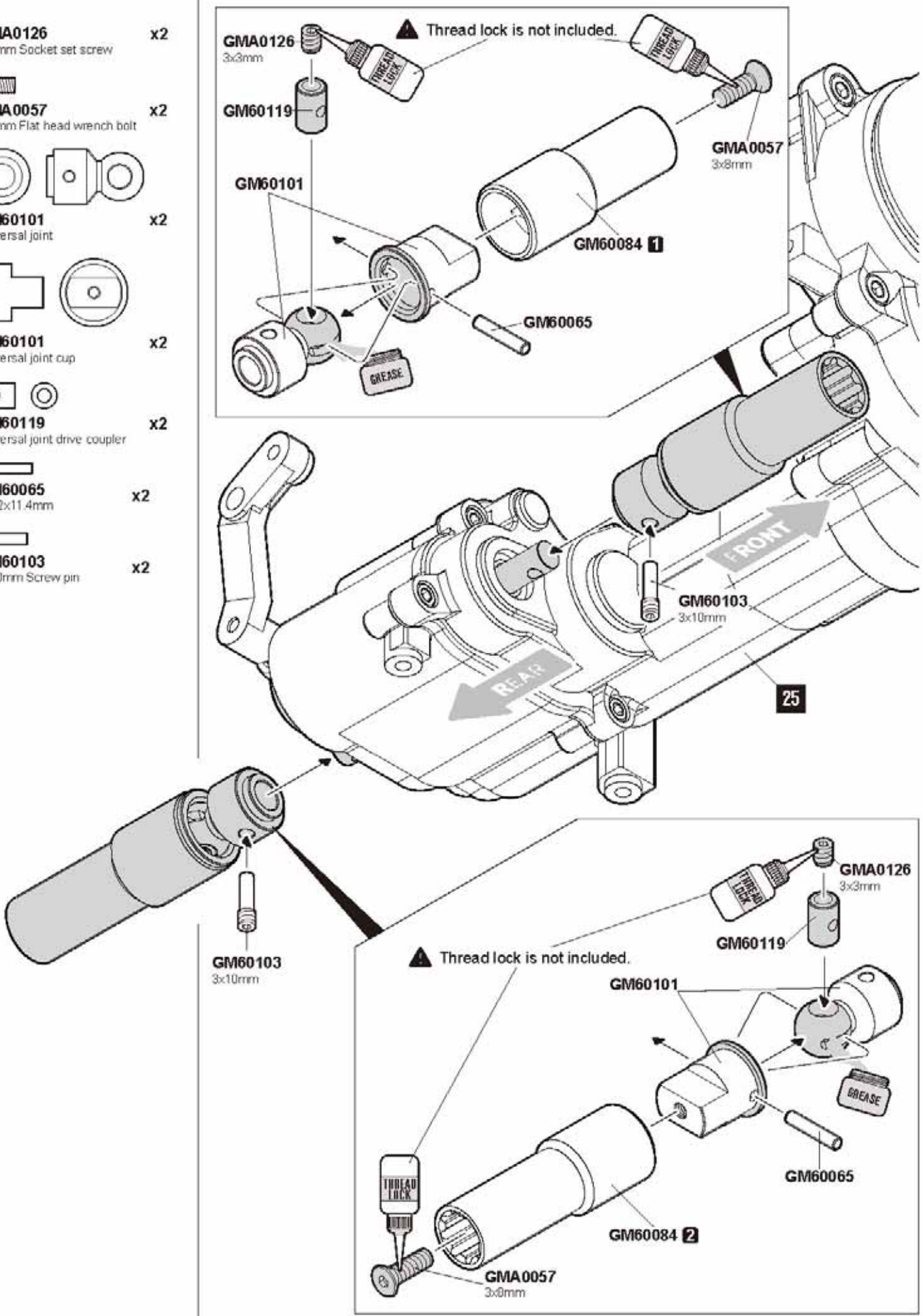
GM60101 x2
Universal joint

GM60101 x2
Universal joint cup

GM60119 x2
Universal joint drive coupler

GM60065 x2
Pin 2x11.4mm

GM60103 x2
3x10mm Screw pin

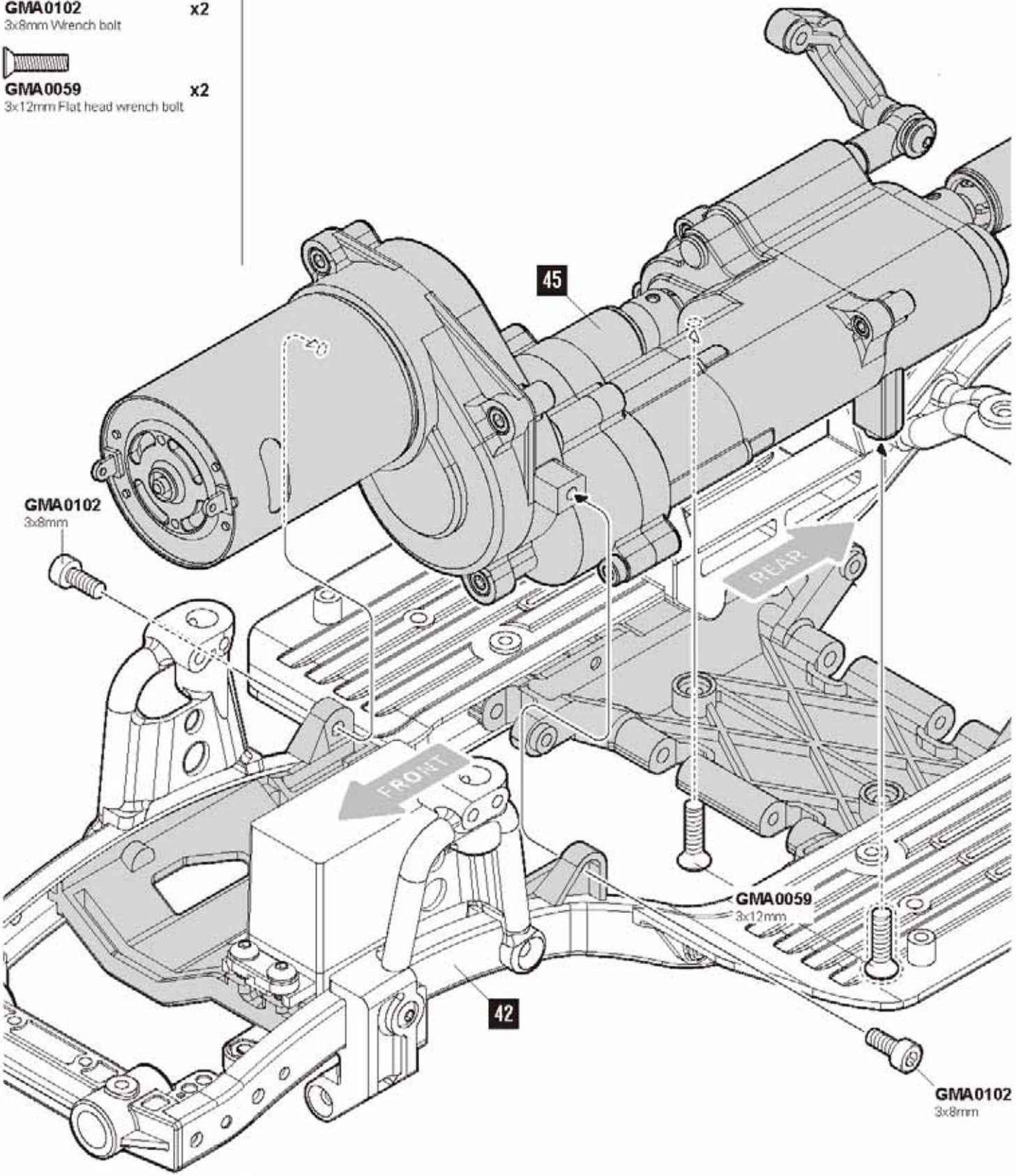


CHASSIS

46

GMA0102 x2
3x8mm Wrench bolt

GMA0059 x2
3x12mm Flat head wrench bolt

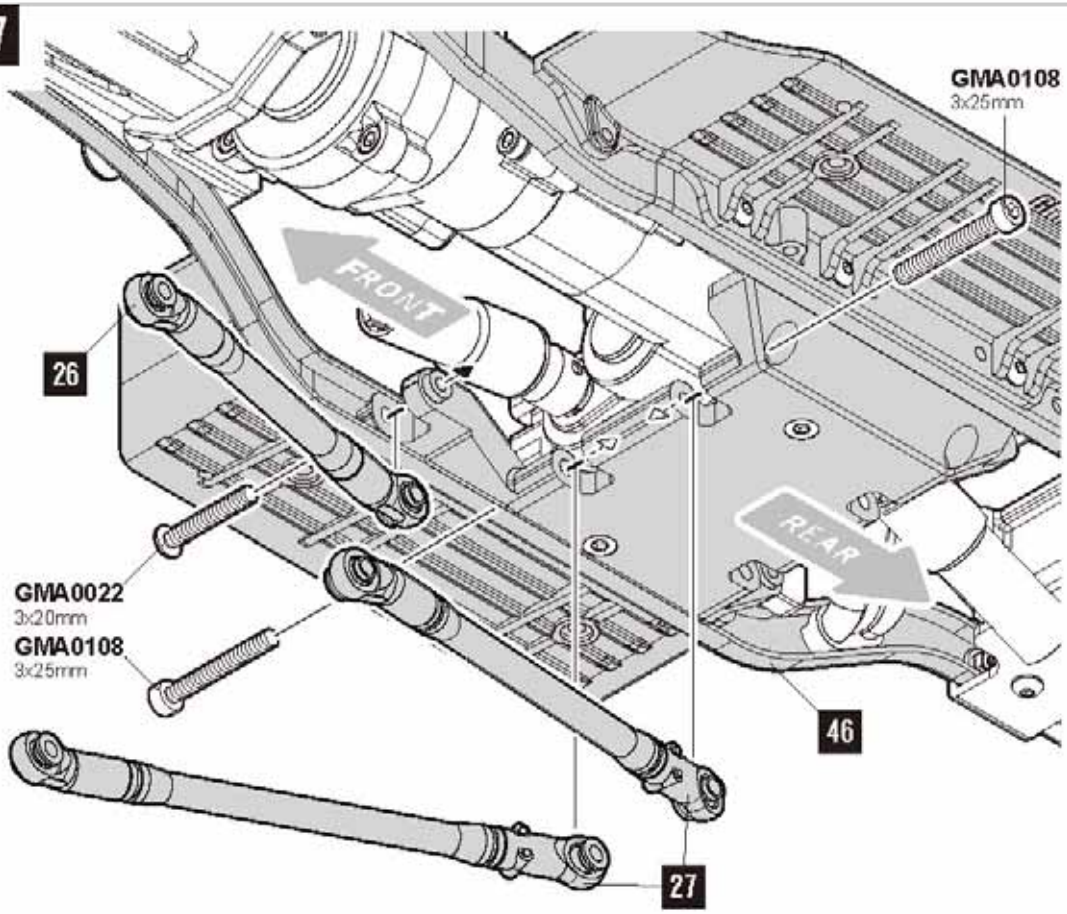


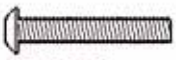
CHASSIS

GMA0022
3x20mm
Round head wrench bolt
x1

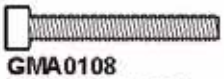
GMA0108
3x25mm Wrench bolt
x2

47



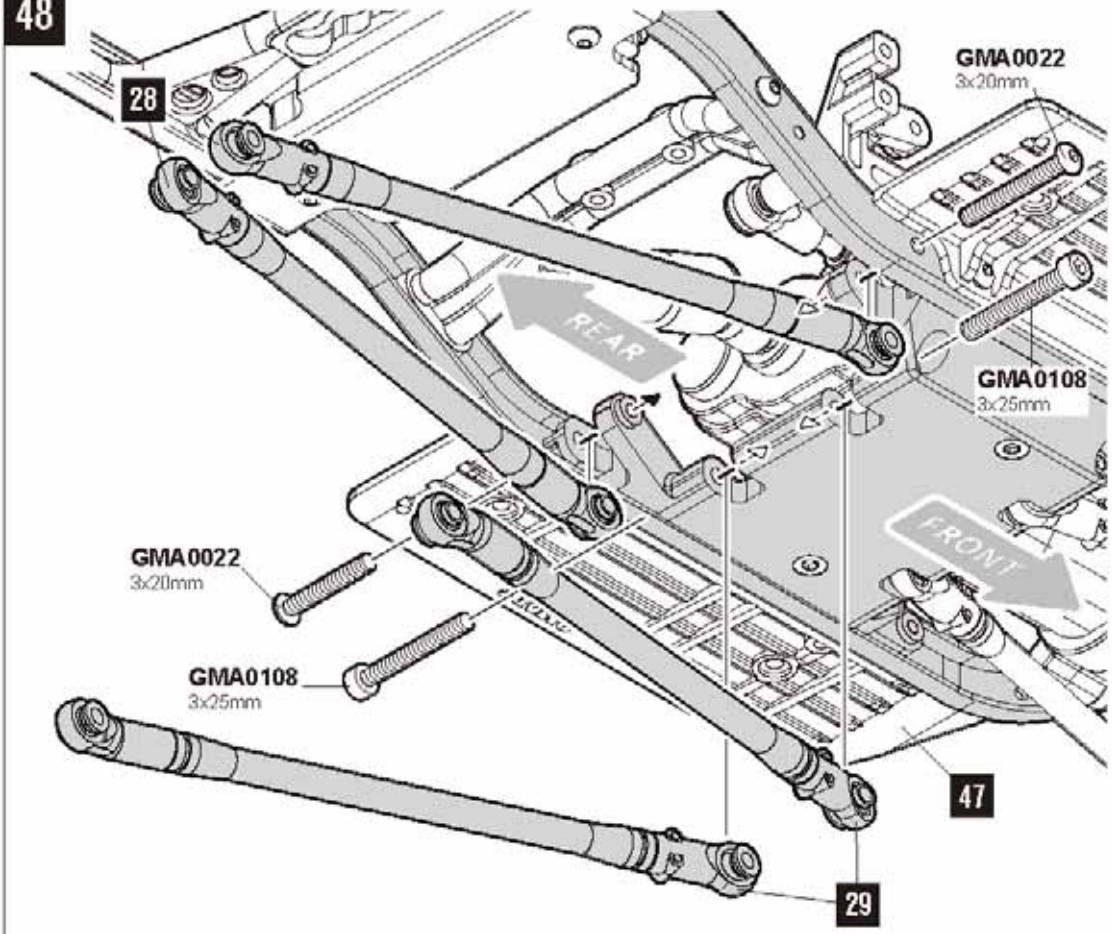


GMA0022
3x20mm
Round head wrench bolt
x2



GMA0108
3x25mm Wrench bolt
x2

48



CANTILEVER

49

GMA0156
M3 Nylon lock nut
x2

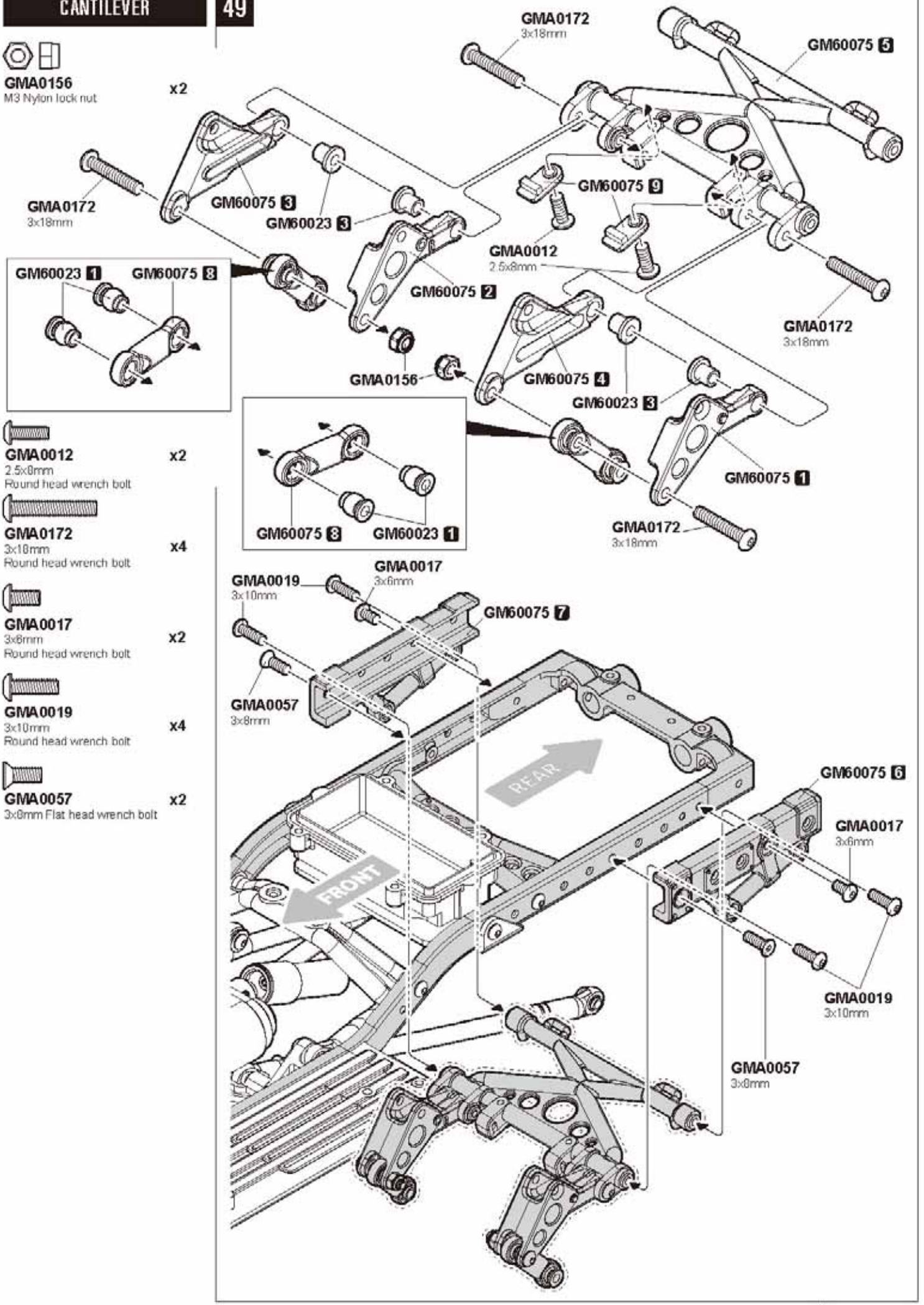
GMA0012
2.5x8mm
Round head wrench bolt
x2

GMA0172
3x18mm
Round head wrench bolt
x4

GMA0017
3x6mm
Round head wrench bolt
x2

GMA0019
3x10mm
Round head wrench bolt
x4

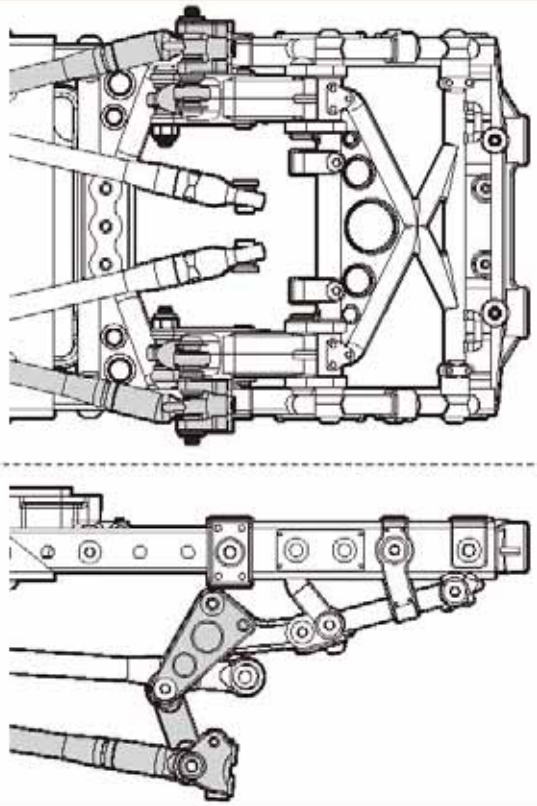
GMA0057
3x8mm Flat head wrench bolt
x2

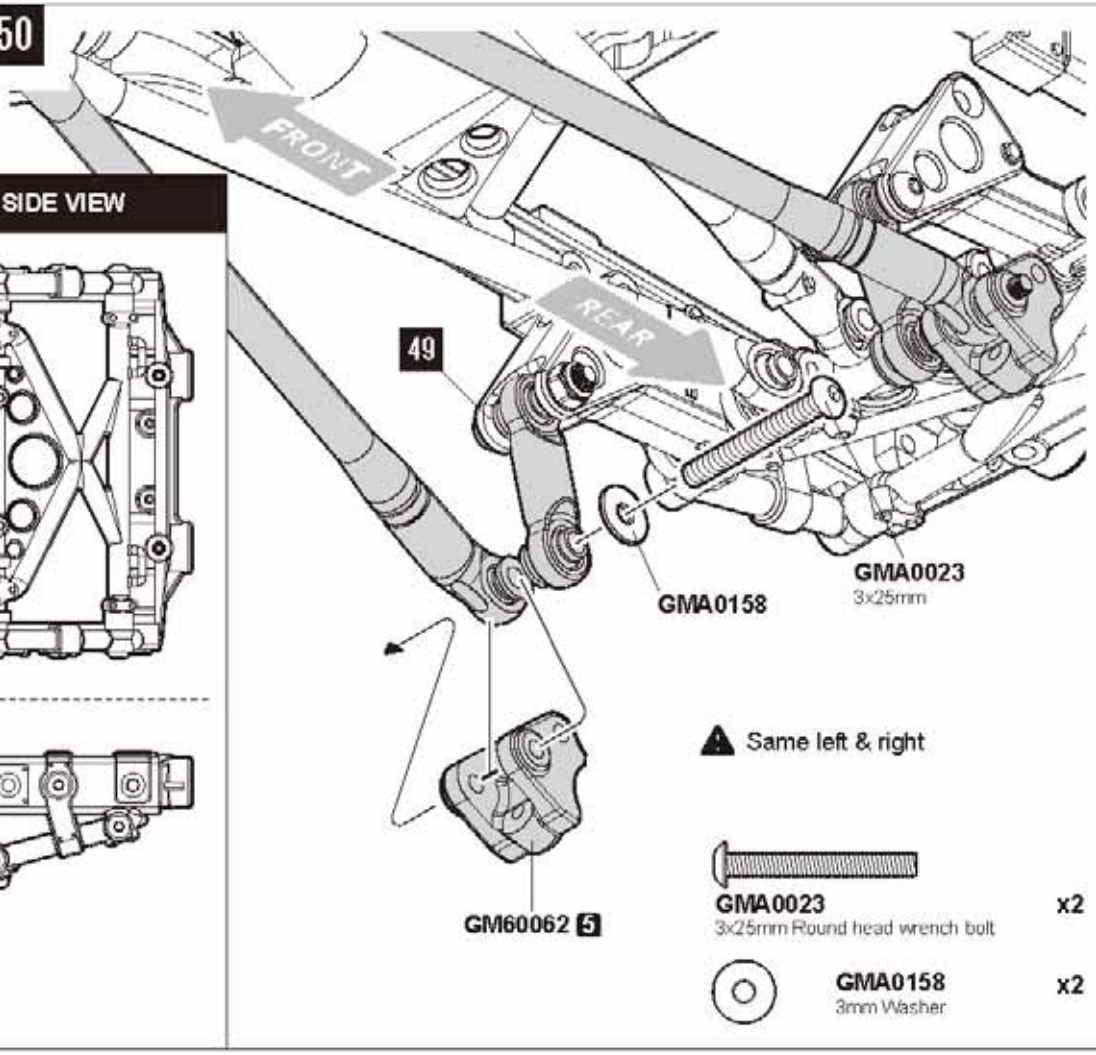


CANTILEVER

50

⚠ CANTILEVER BOTTOM & SIDE VIEW





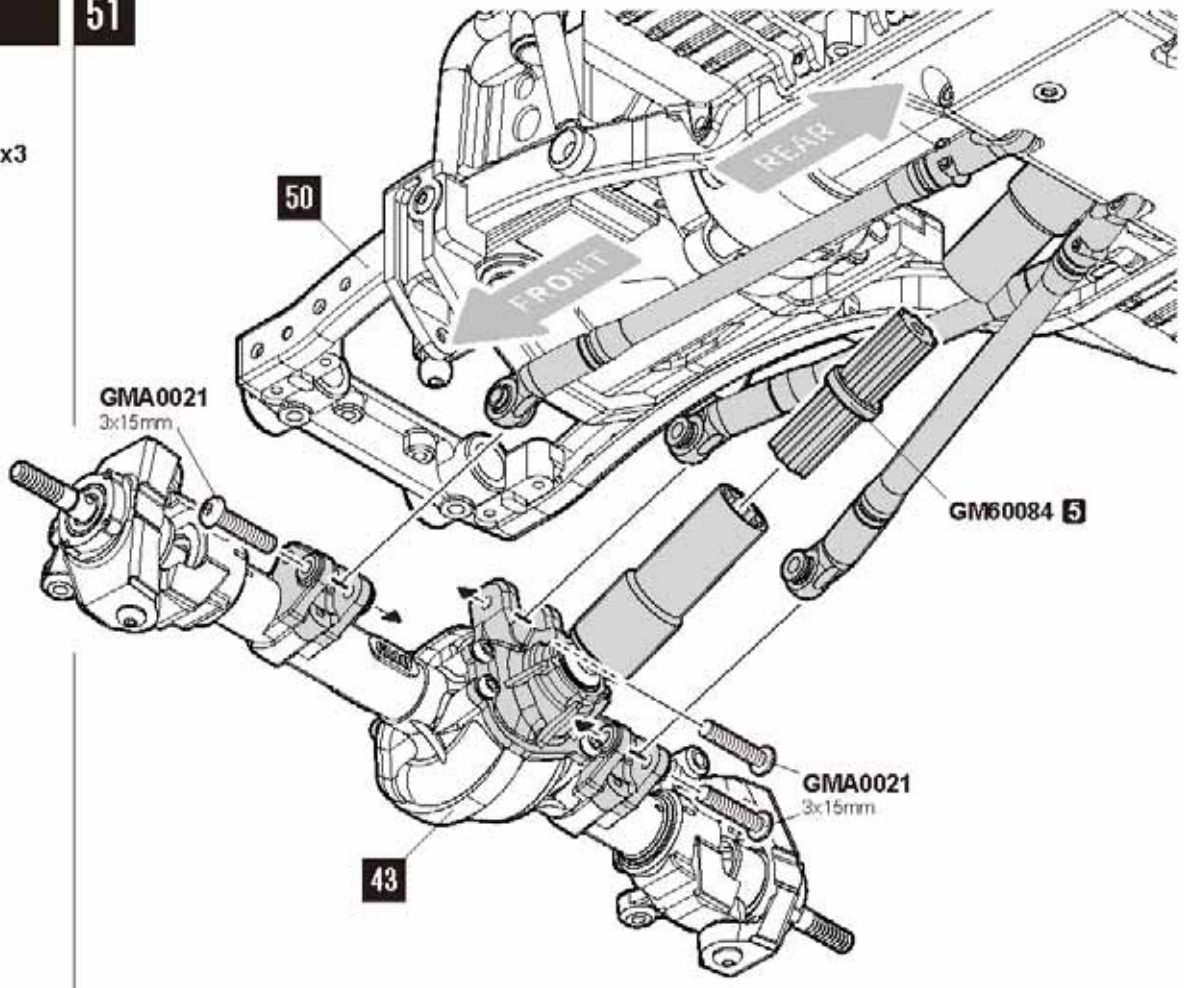
GMA0023 x2
3x25mm Round head wrench bolt

GMA0158 x2
3mm Washer

FRONT AXLE

51

GMA0021 x3
3x15mm
Round head wrench bolt

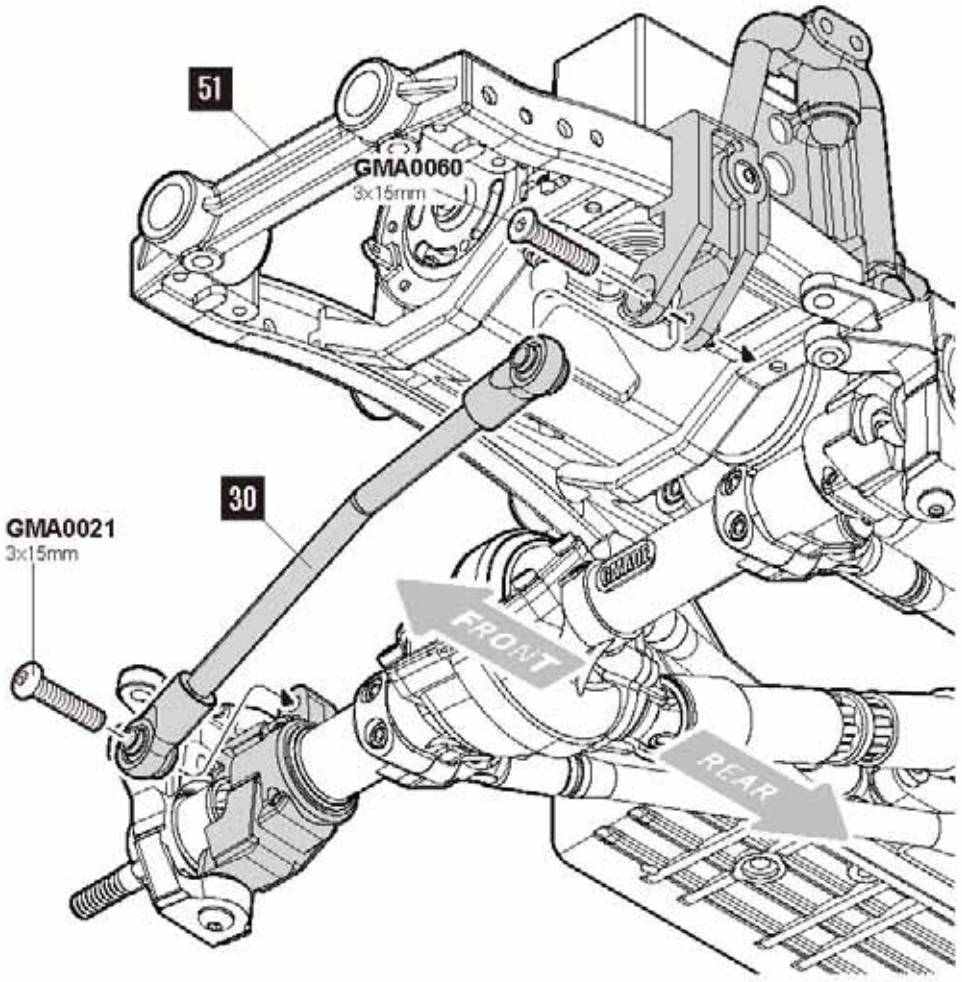


PANHARD ROD

GMA0021
3x15mm
Round head wrench bolt
x1

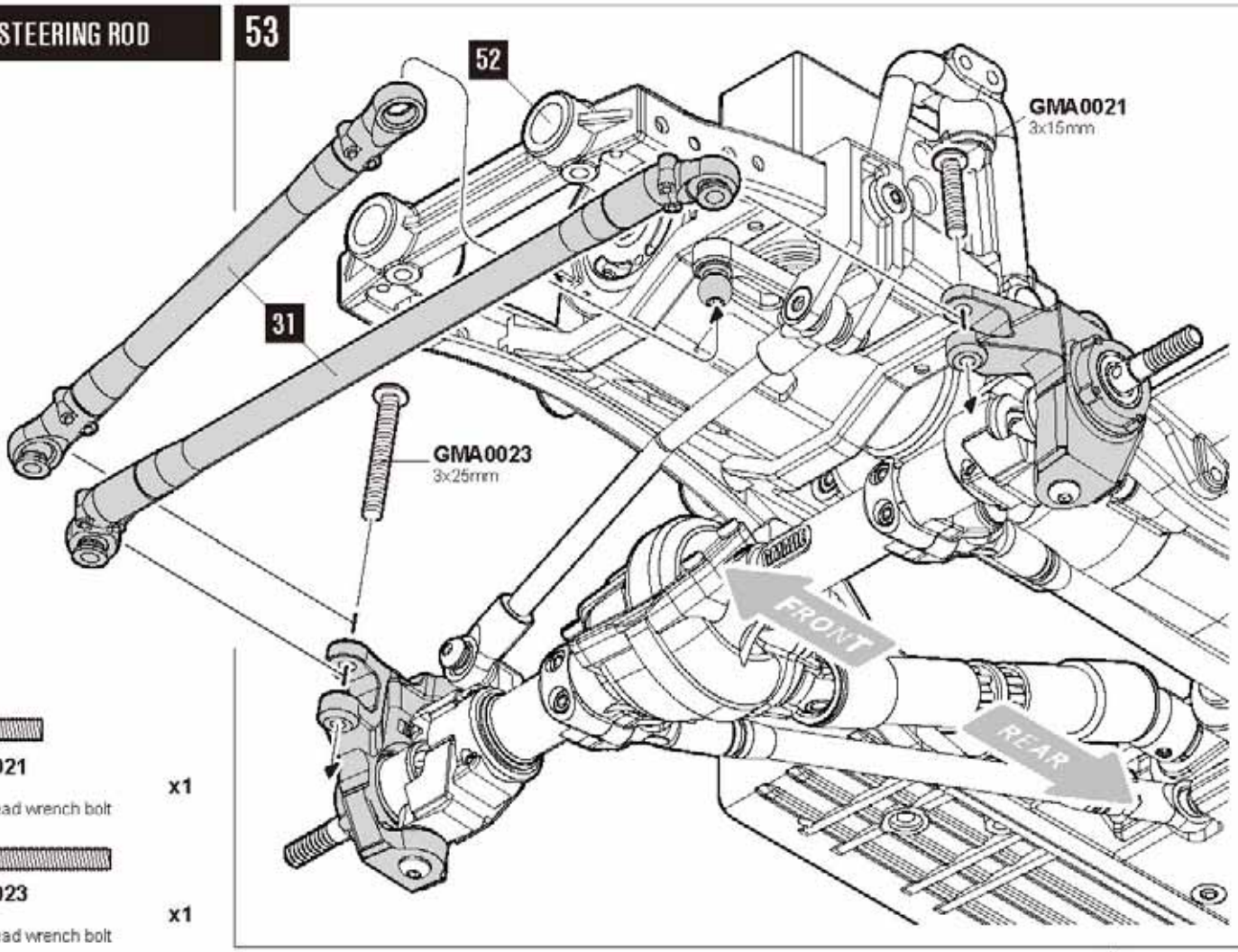
GMA0060
3x15mm Flat head wrench bolt
x1

52



STEERING ROD

53



GMA0021
3x15mm
Round head wrench bolt
x1

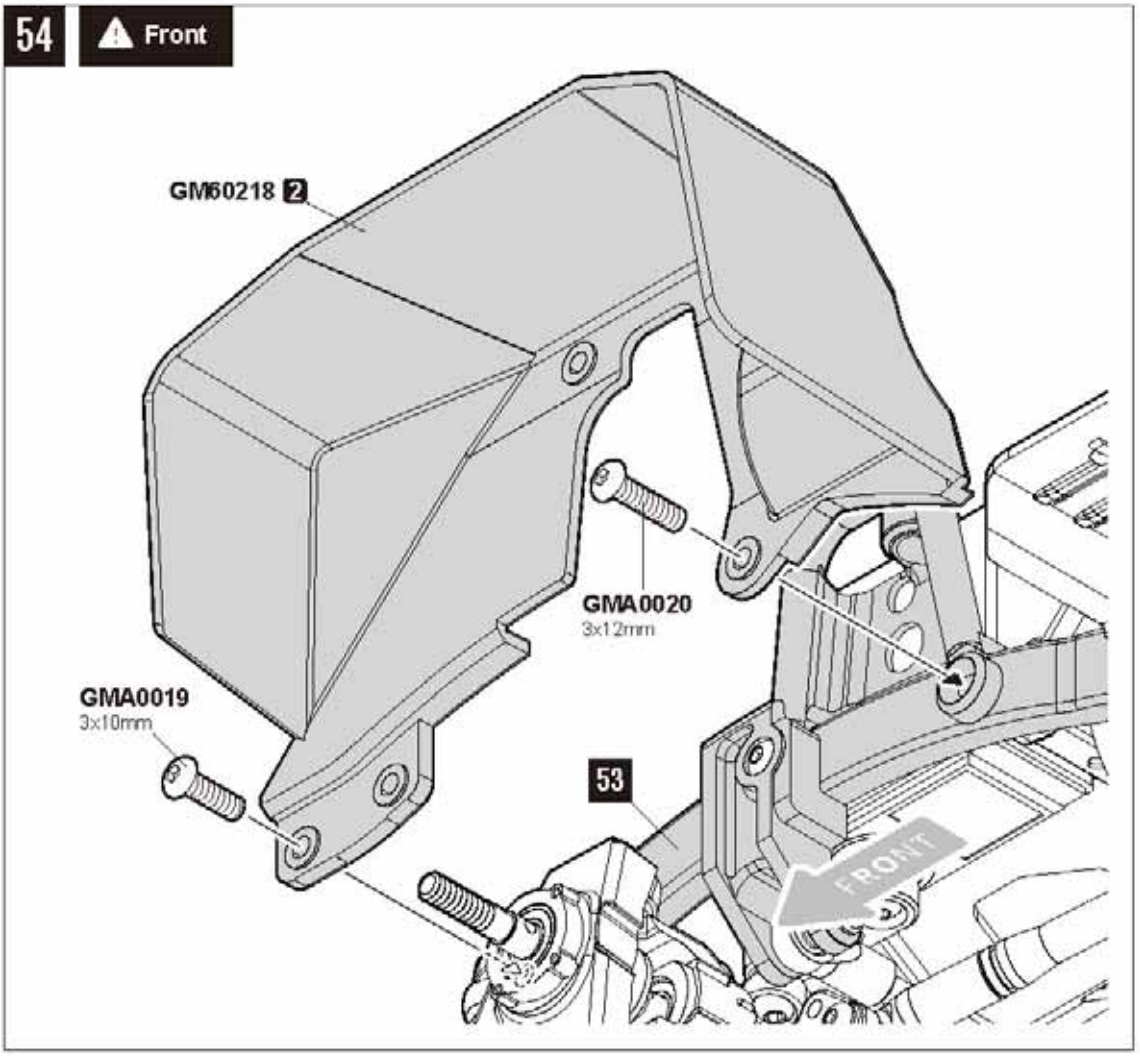
GMA0023
3x25mm
Round head wrench bolt
x1

LEFT INNER FENDER

GMA0019
3x10mm
Round head wrench bolt
x1

GMA0020
3x12mm
Round head wrench bolt
x1

54 ⚠ Front

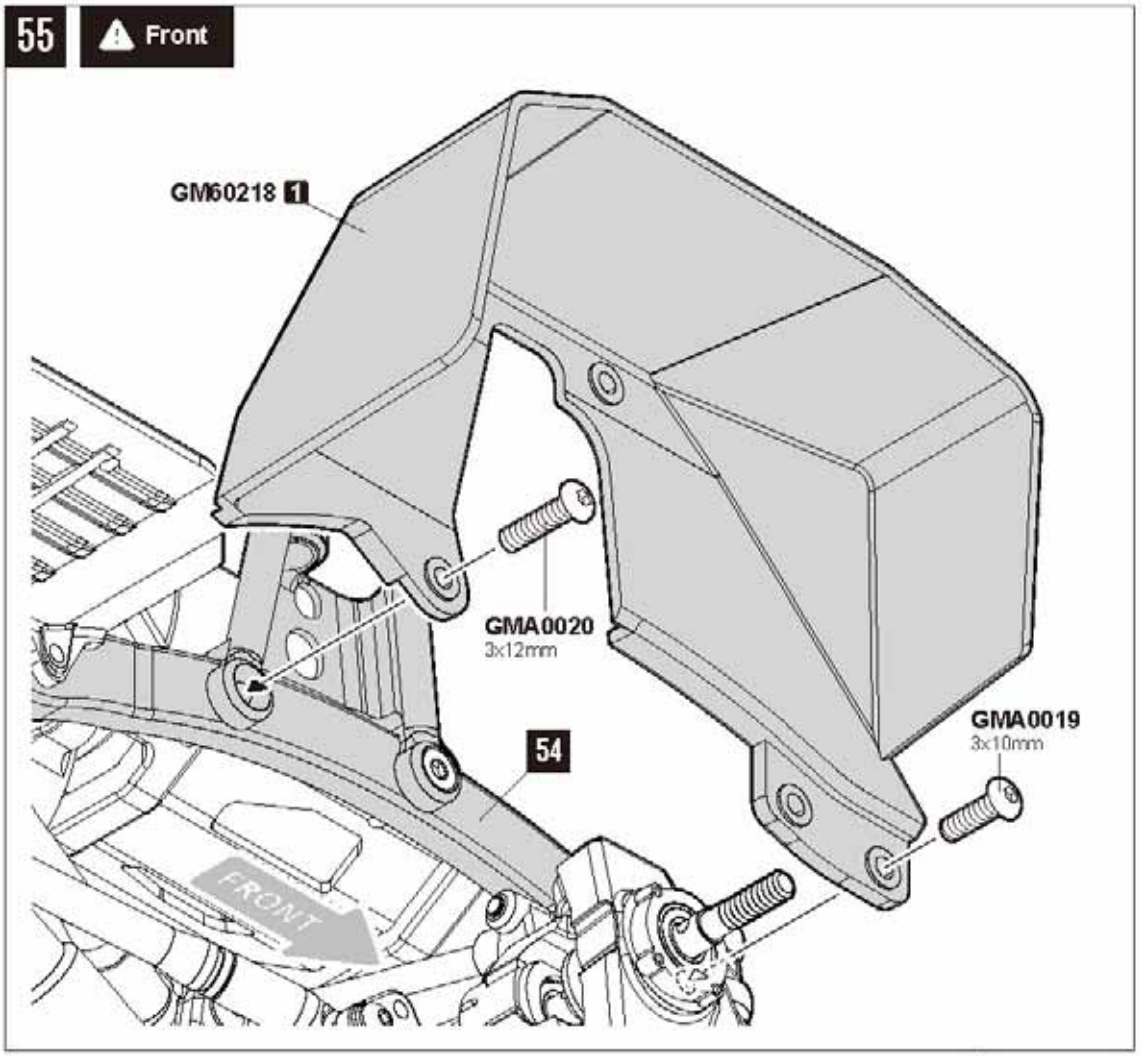


RIGHT INNER FENDER

GMA0019
3x10mm
Round head wrench bolt
x1

GMA0020
3x12mm
Round head wrench bolt
x1

55 ⚠ Front

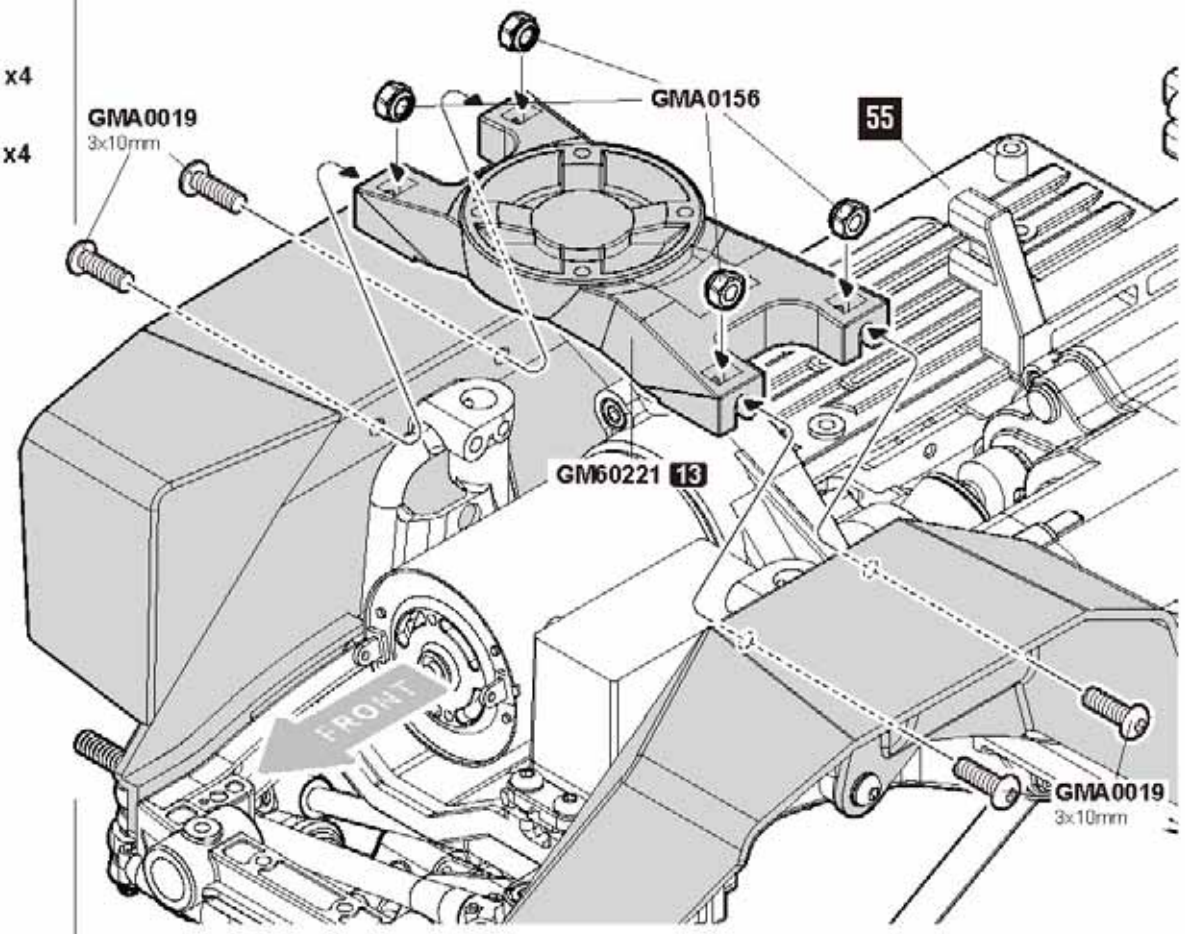


CHASSIS

GMA0019
3x10mm
Round head wrench bolt
x4

GMA0156
M3 Nylon lock nut
x4

56

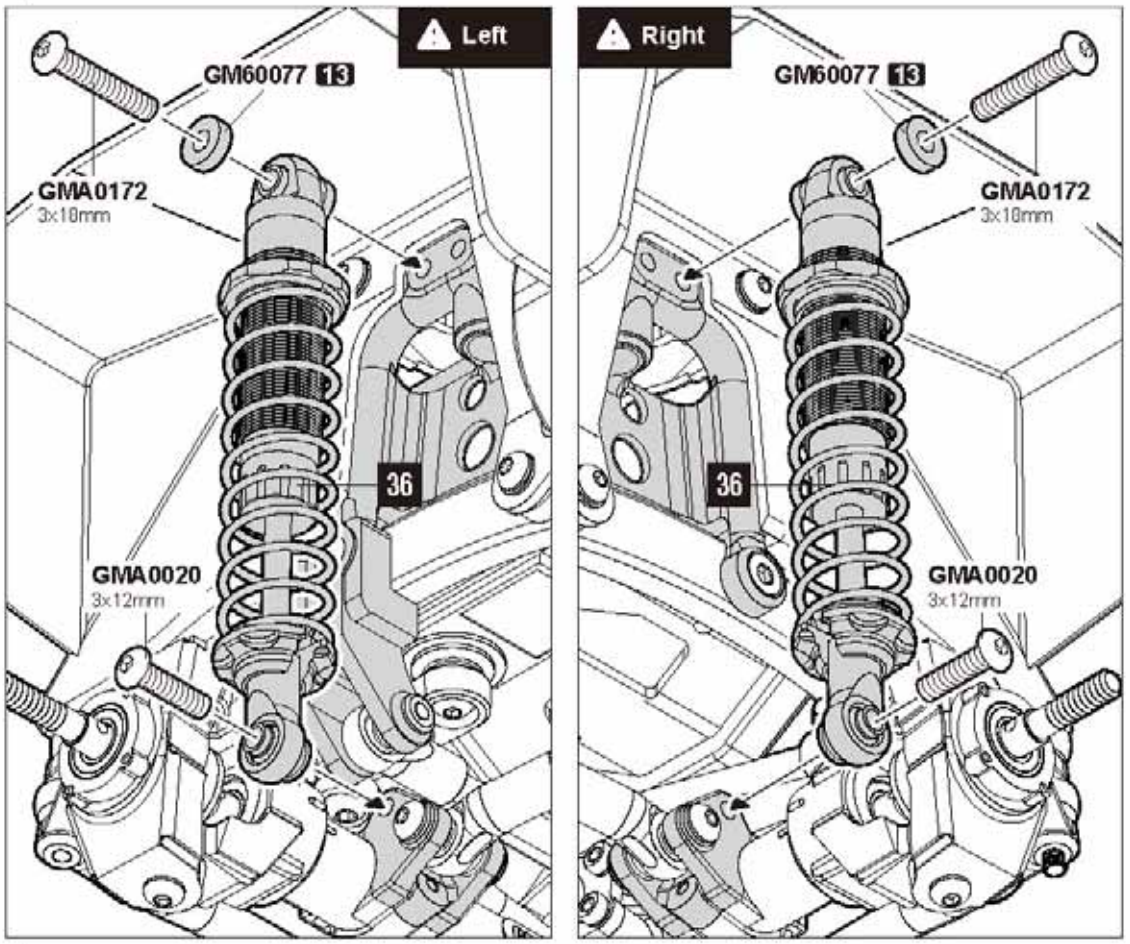


FRONT SHOCK ABSORBER

GMA0020
3x12mm
Round head wrench bolt
x2

GMA0172
3x18mm
Round head wrench bolt
x2

57



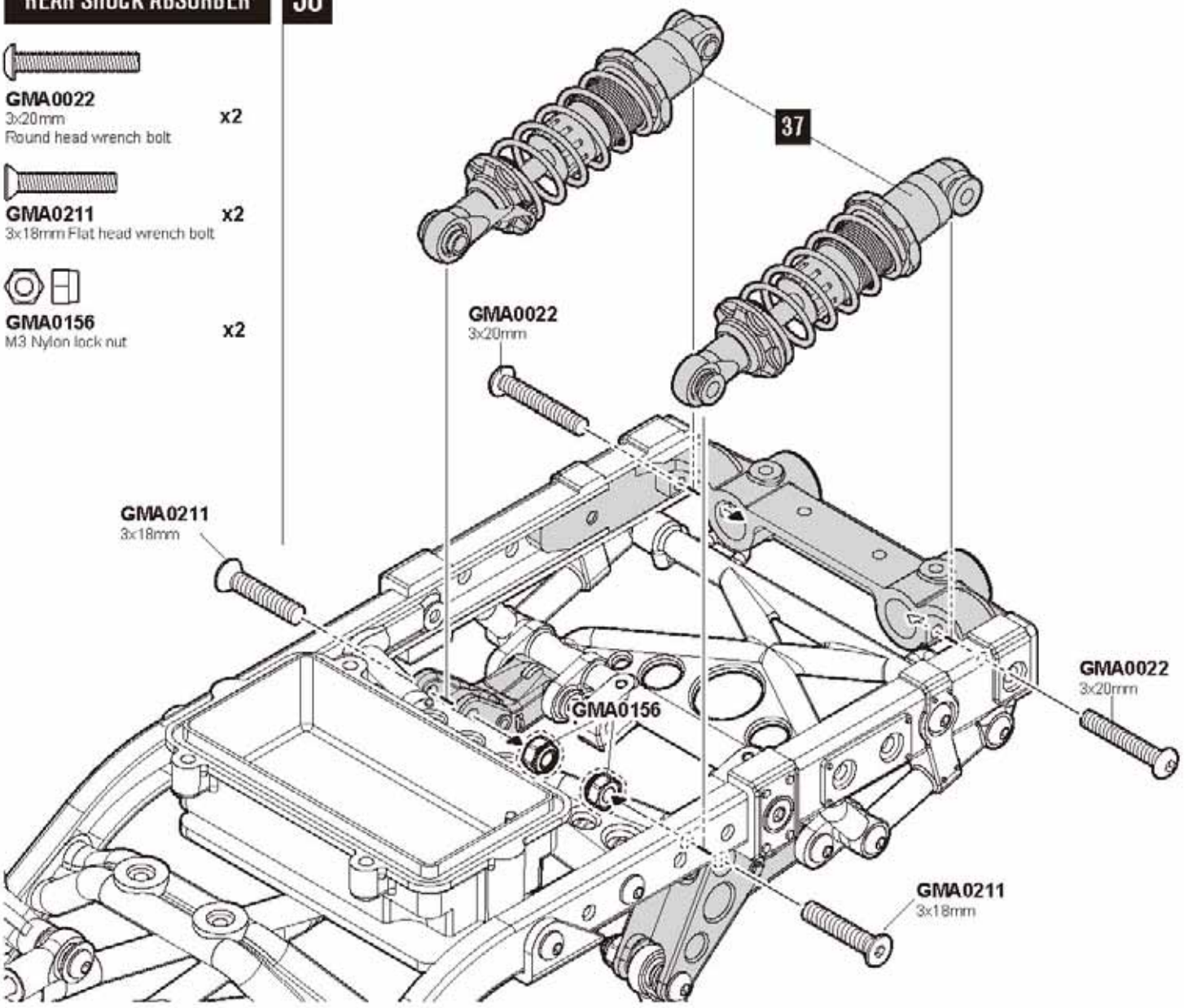
REAR SHOCK ABSORBER

58

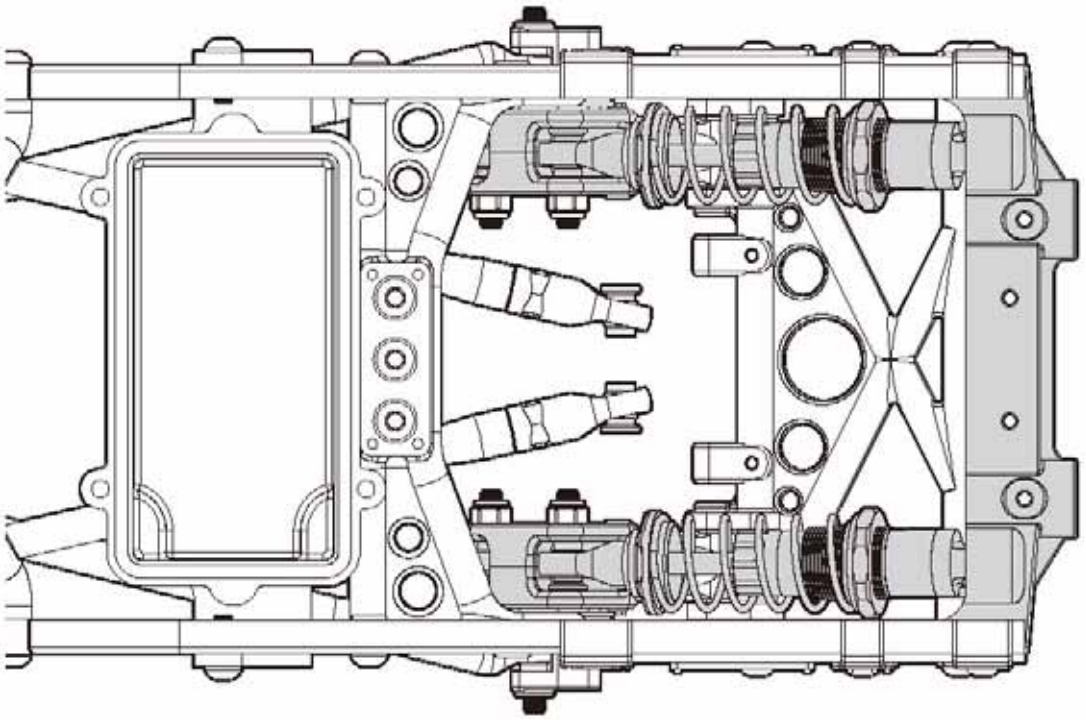
GMA0022
3x20mm
Round head wrench bolt
x2

GMA0211
3x18mm Flat head wrench bolt
x2

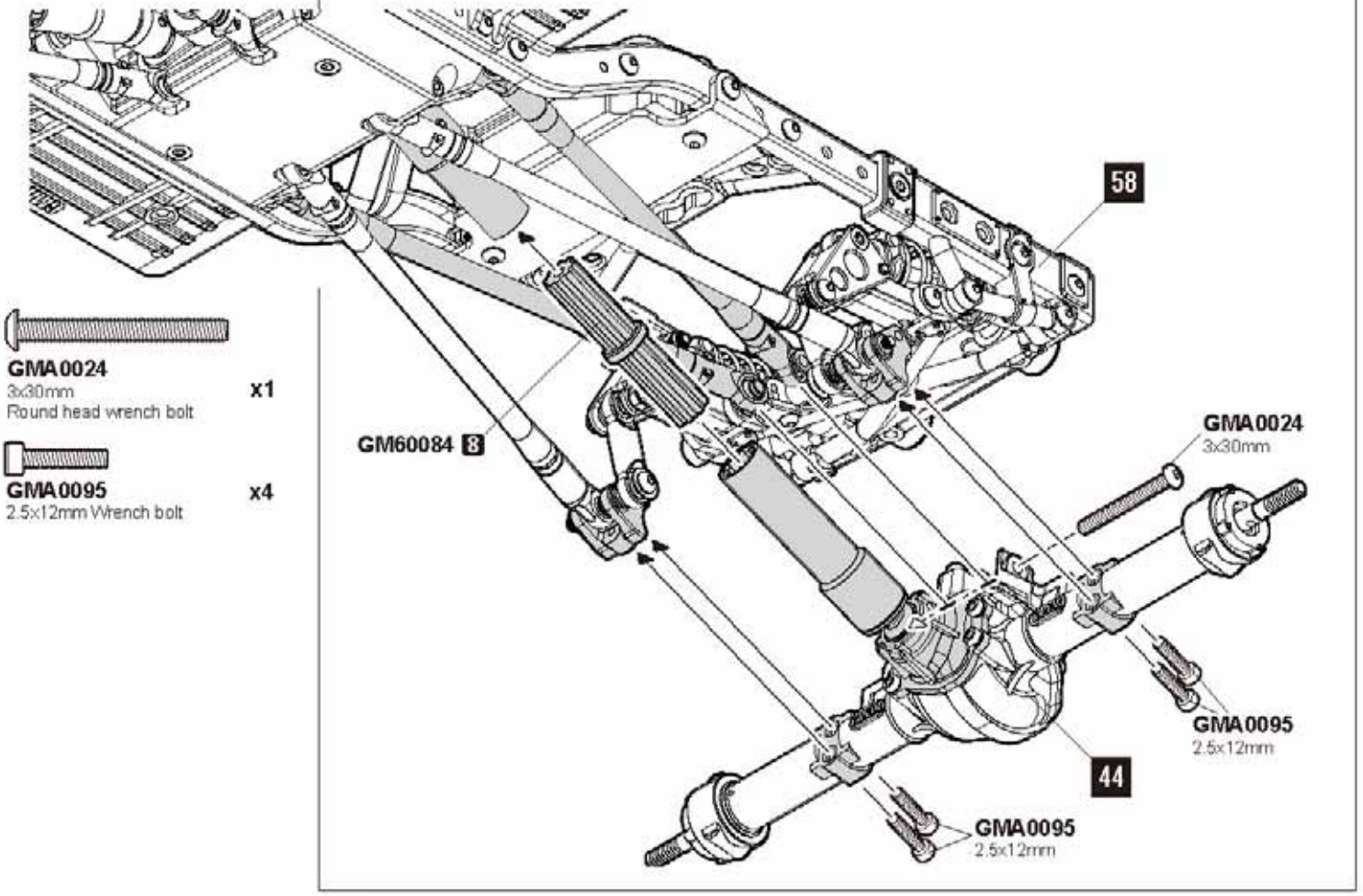
GMA0156
M3 Nylon lock nut
x2



⚠ CANTILEVER TOP VIEW



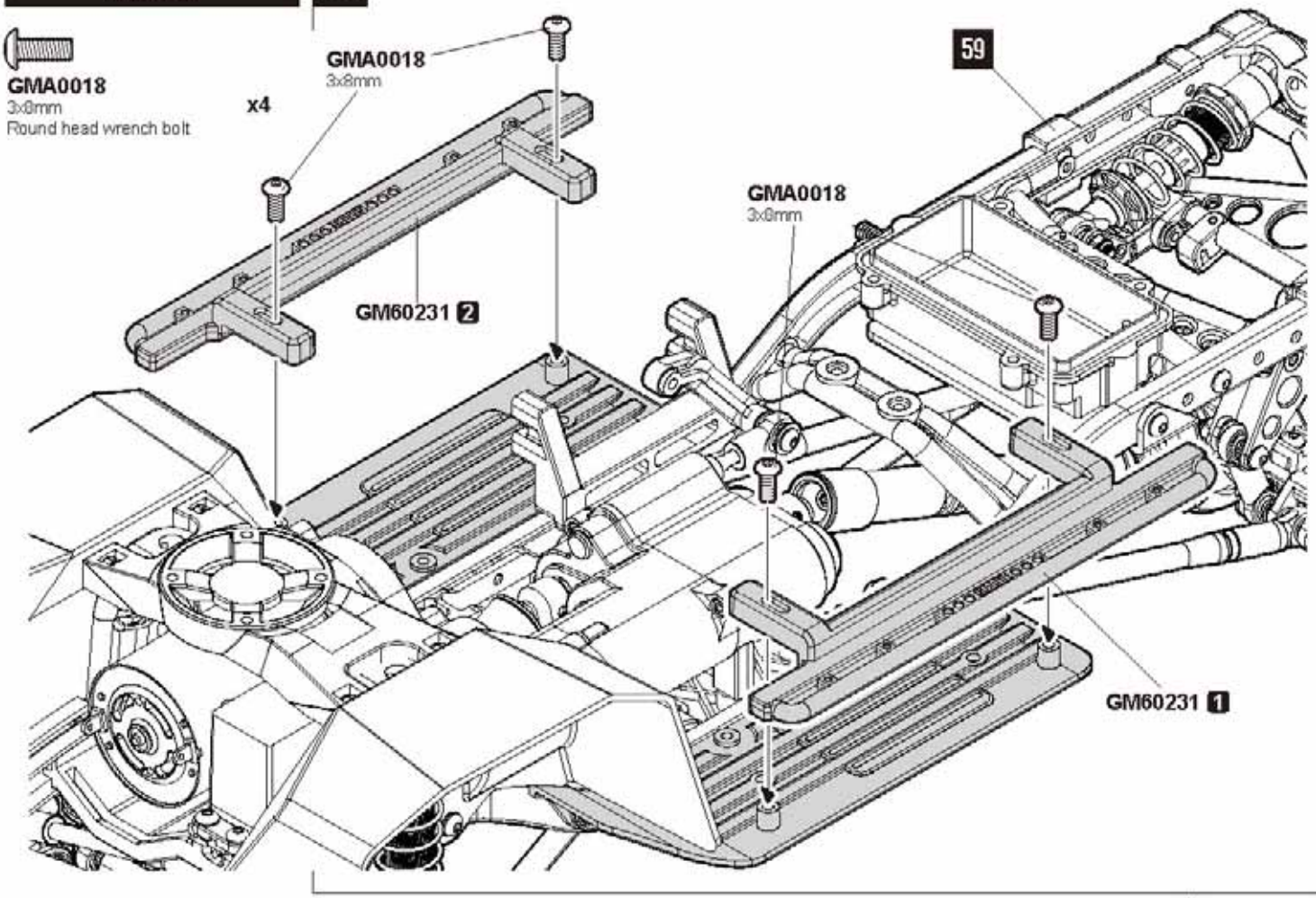
REAR AXLE 59



GMA0024
3x30mm
Round head wrench bolt
x1

GMA0095
2.5x12mm Wrench bolt
x4

CHASSIS 60



GMA0018
3x8mm
Round head wrench bolt
x4

CHASSIS

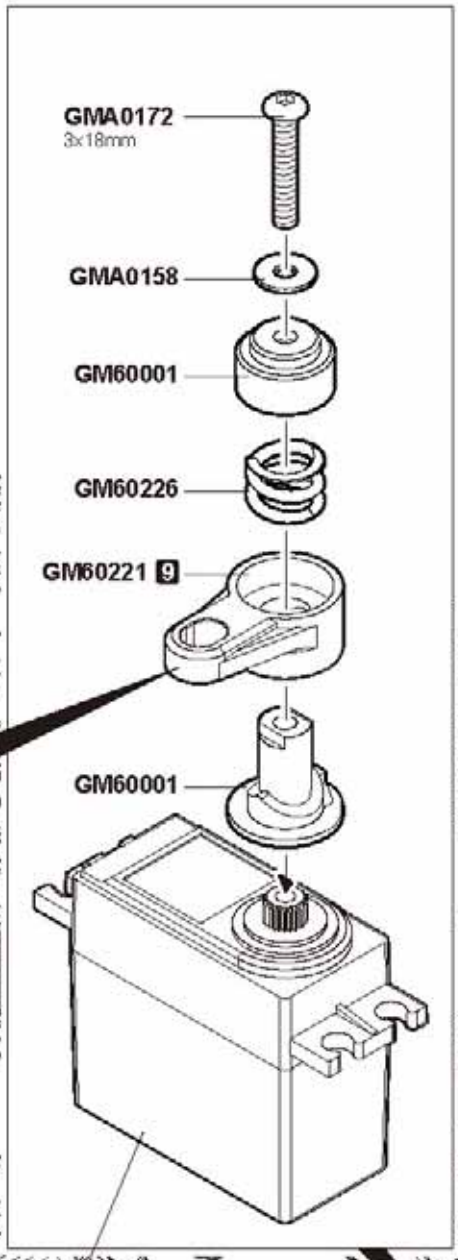
61

GMA0020
3x12mm
Round head wrench bolt
x5

GMA0172
3x18mm
Round head wrench bolt
x1

GMA0158
3mm Washer
x1

GM60226
Servo saver spring 9x9.5mm
x1

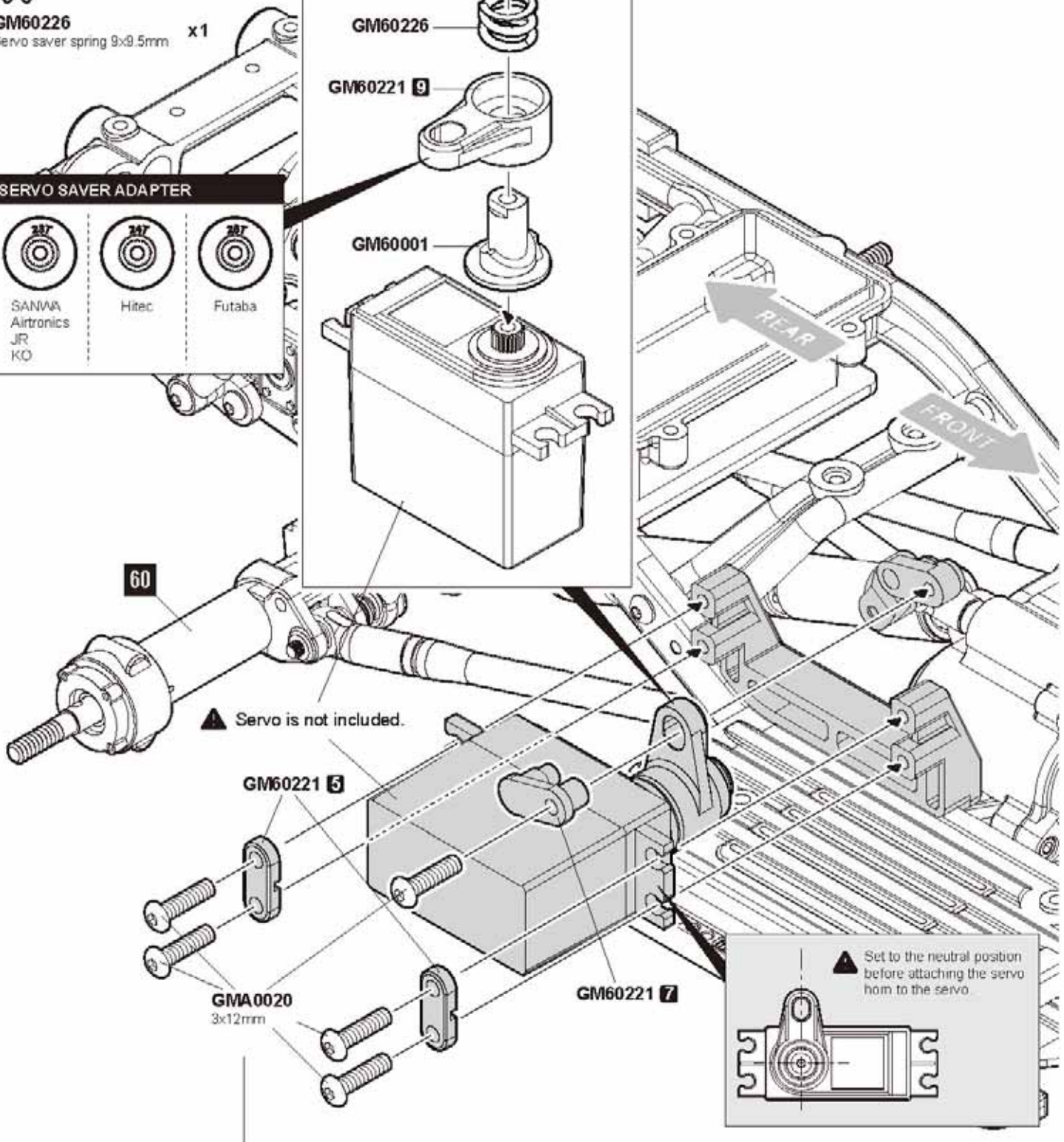


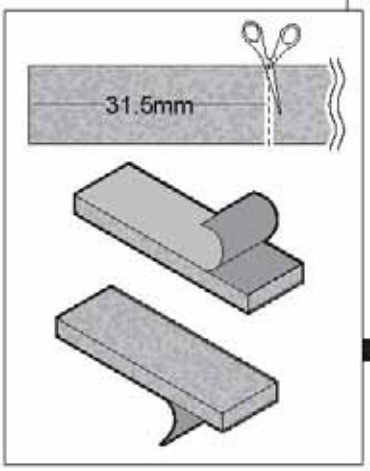
SERVO SAVER ADAPTER

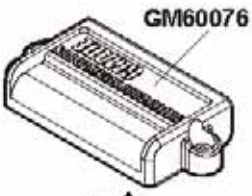
SANWA
Airtronics
JR
KO

Hitec

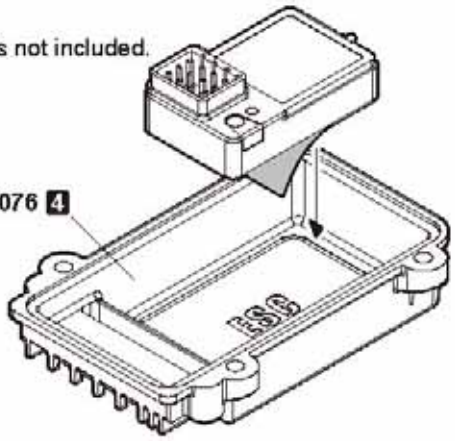
Futaba

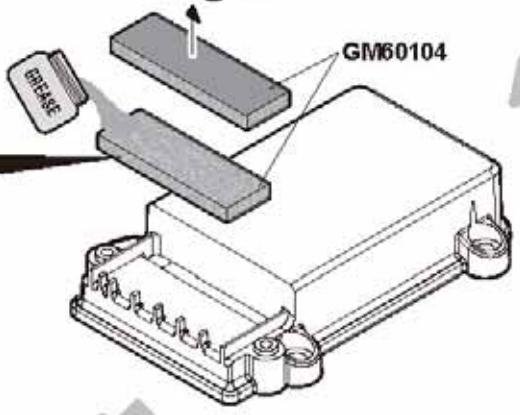


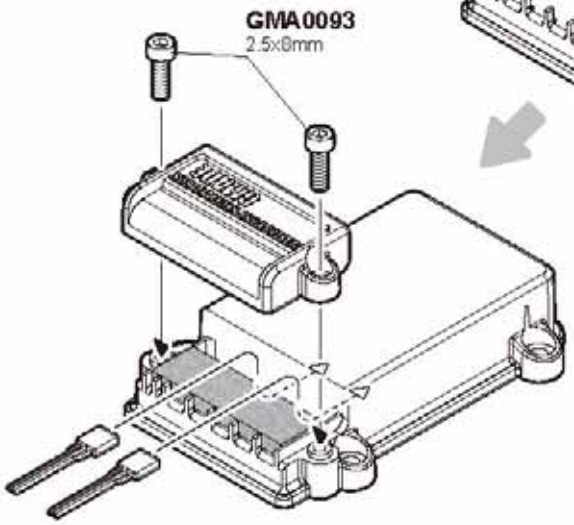


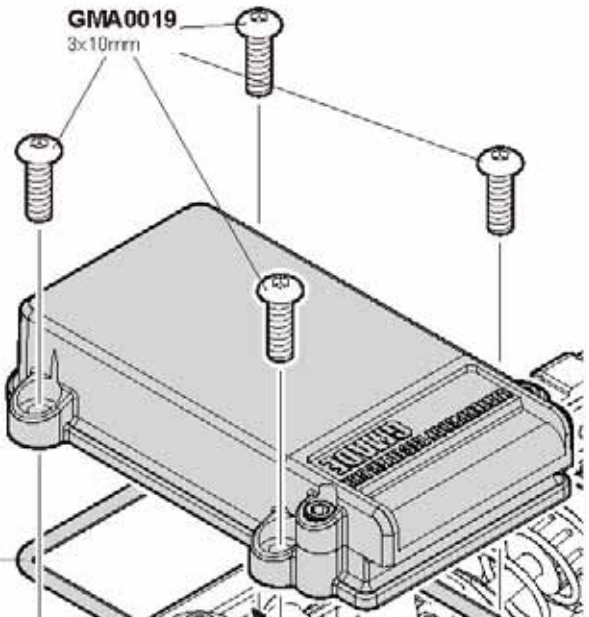


⚠ Receiver is not included.

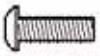








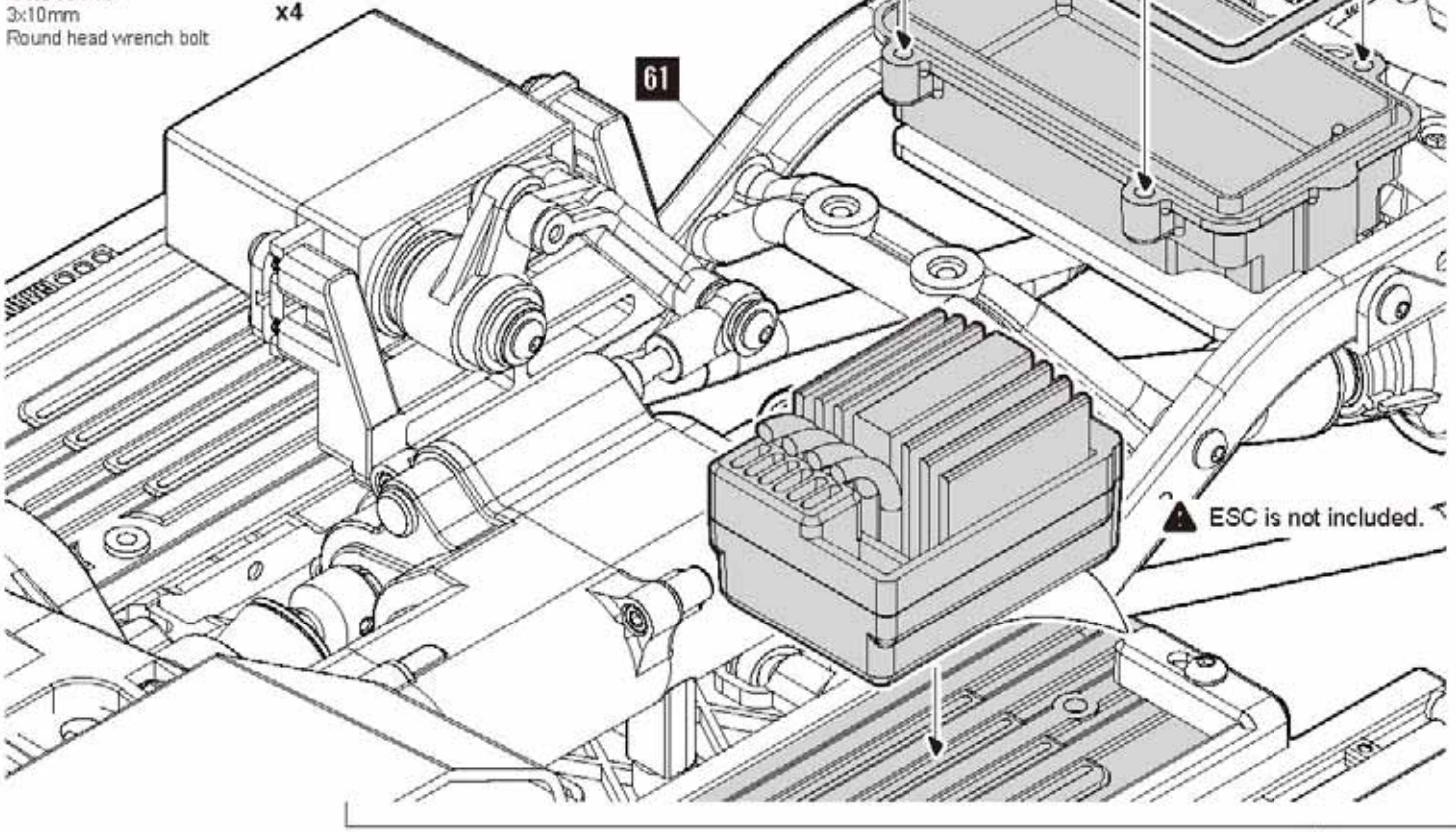
GMA0093 x2
2.5x8mm Wrench bolt



GMA0019 x4
3x10mm
Round head wrench bolt

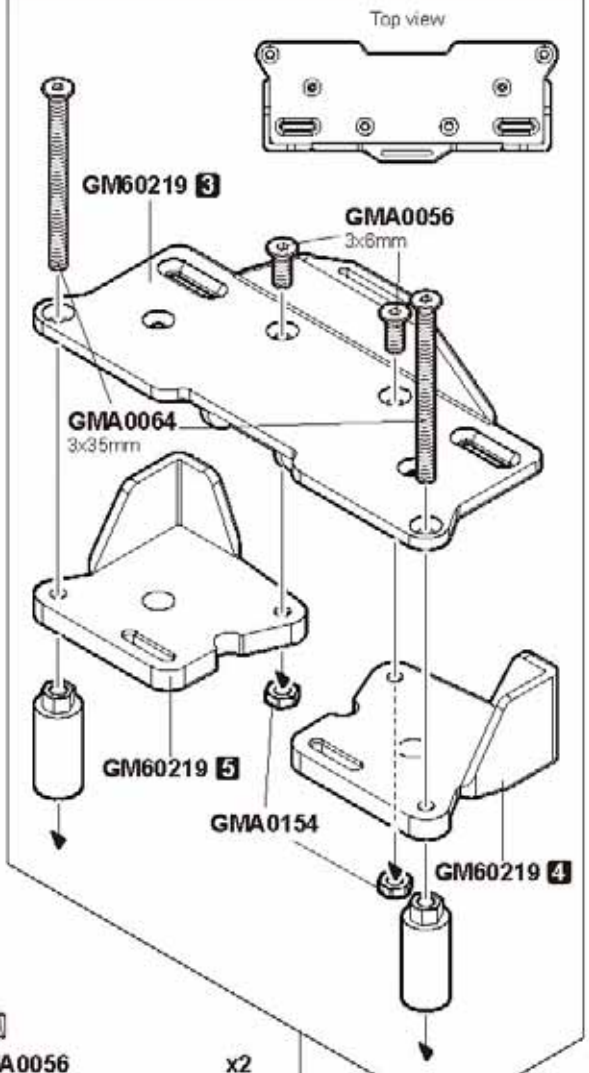
GMA0213

61

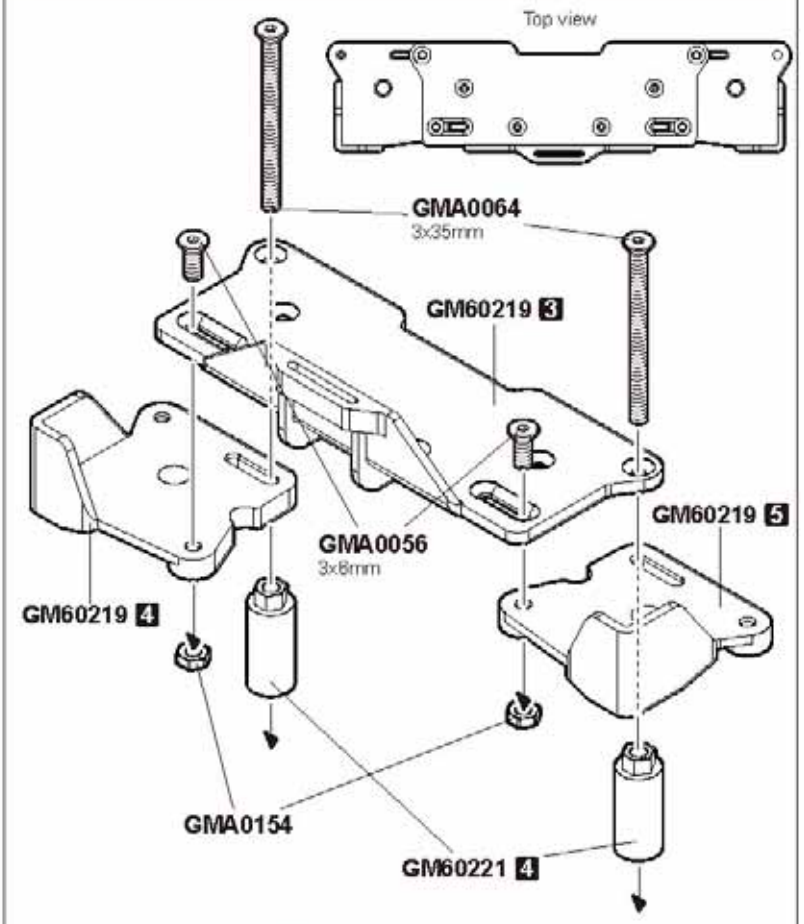


⚠ ESC is not included.

FOR SHORTY BATTERY



FOR STANDARD BATTERY

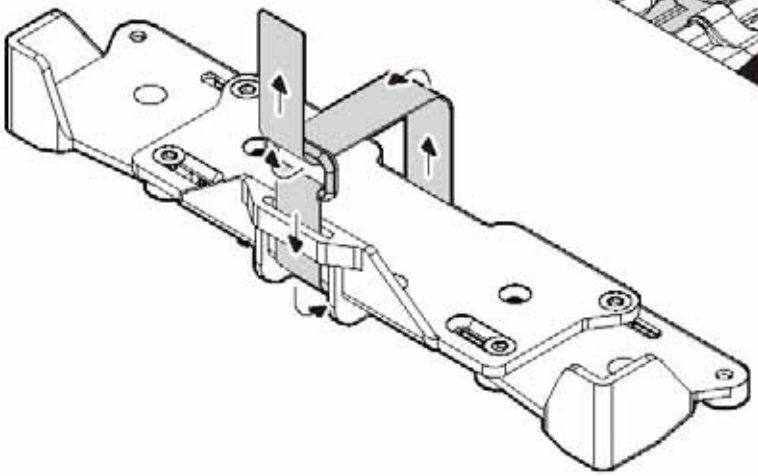


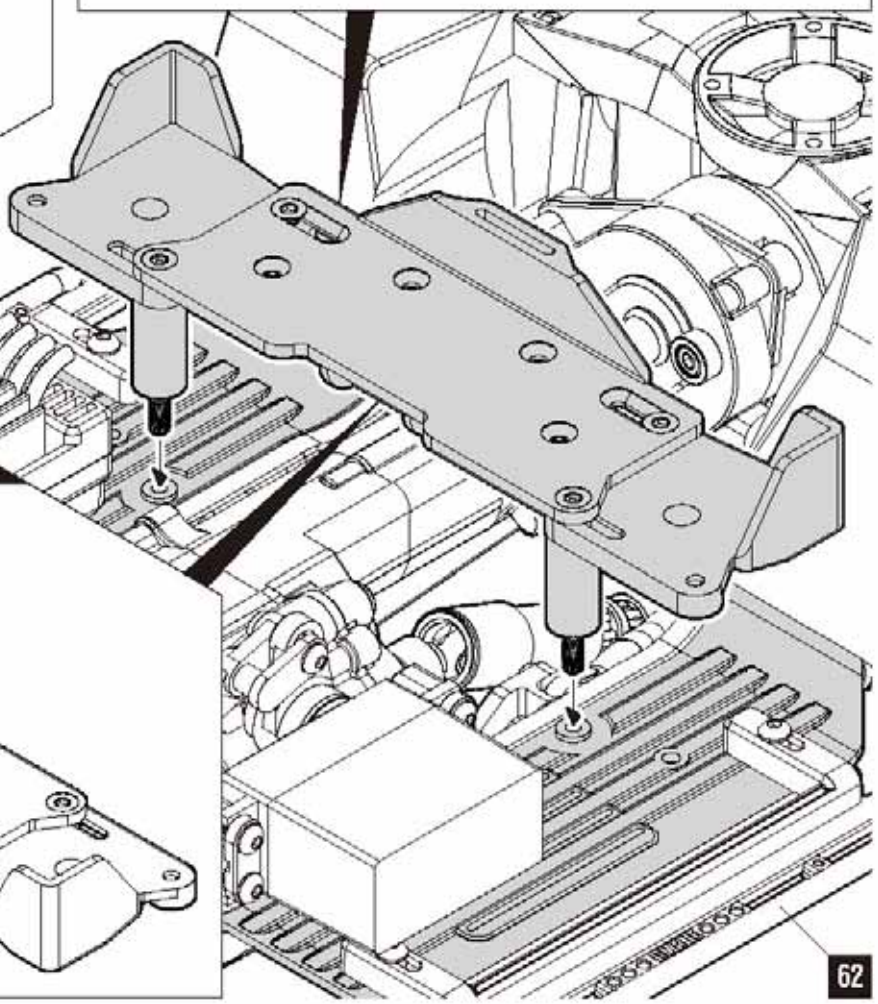
GMA0056 x2
3x6mm Flat head wrench bolt

GMA0064 x2
3x35mm Flat head wrench bolt

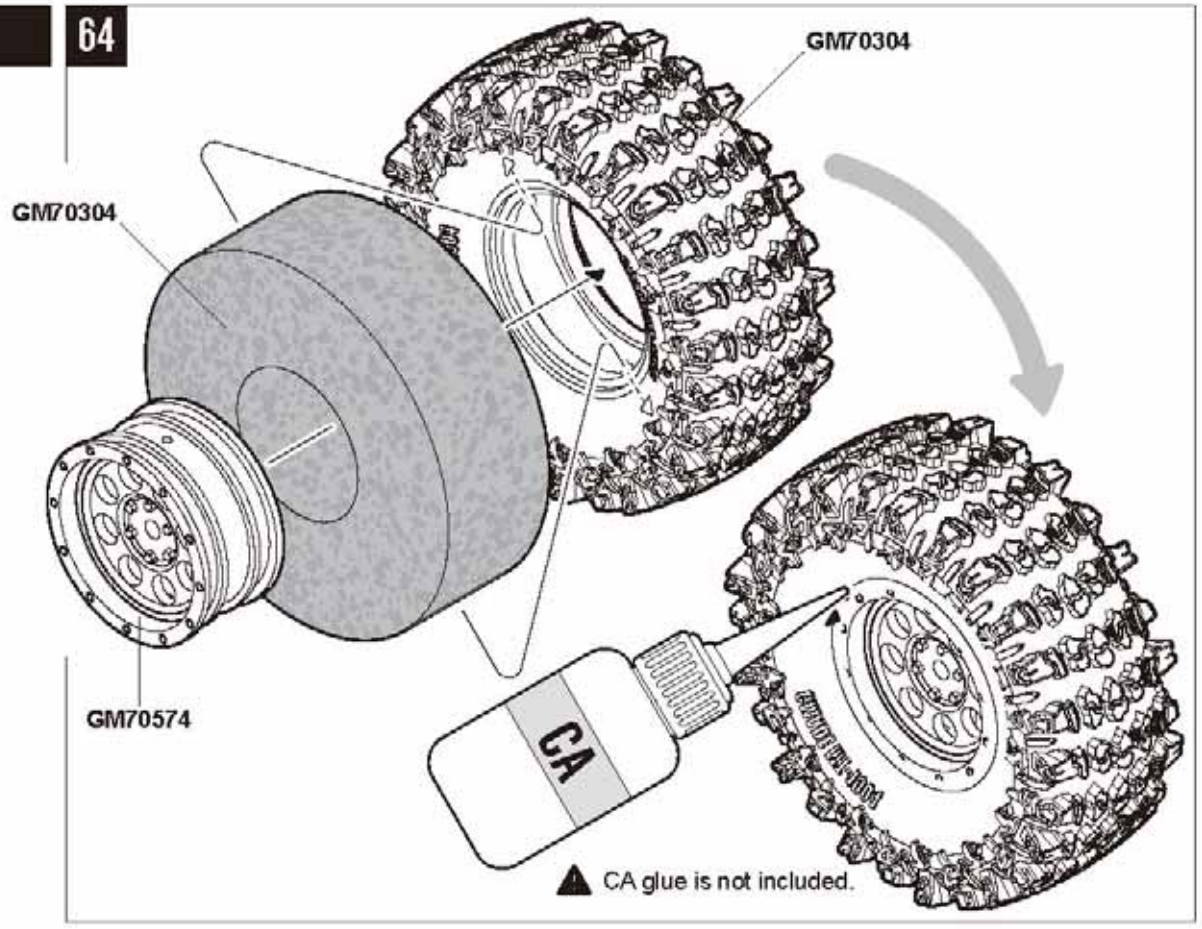
GMA0154 x2
M3 Nut

⚠ INSTALL VELCRO STRAP BEFORE BATTERY TRAY IS INSTALLED.

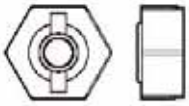




64



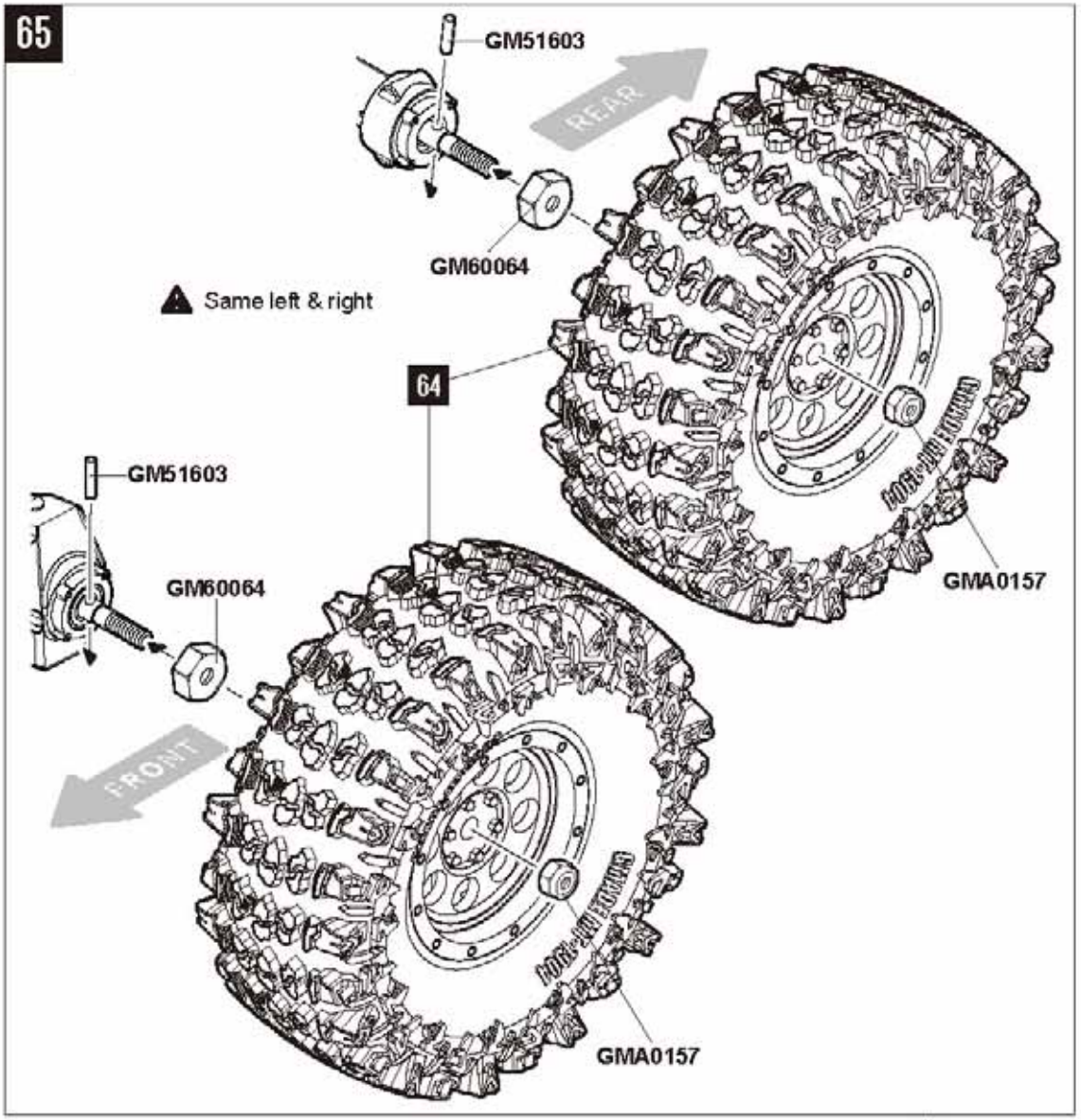
65



GM60064
12mm Wheel hub
x4

GM51603
Pin 2x10.3mm
x4

GMA0157
M4 nylon lock nut
x4



REAR CAGE

66

GMA0013 x22
2.5x10mm
Round head wrench bolt

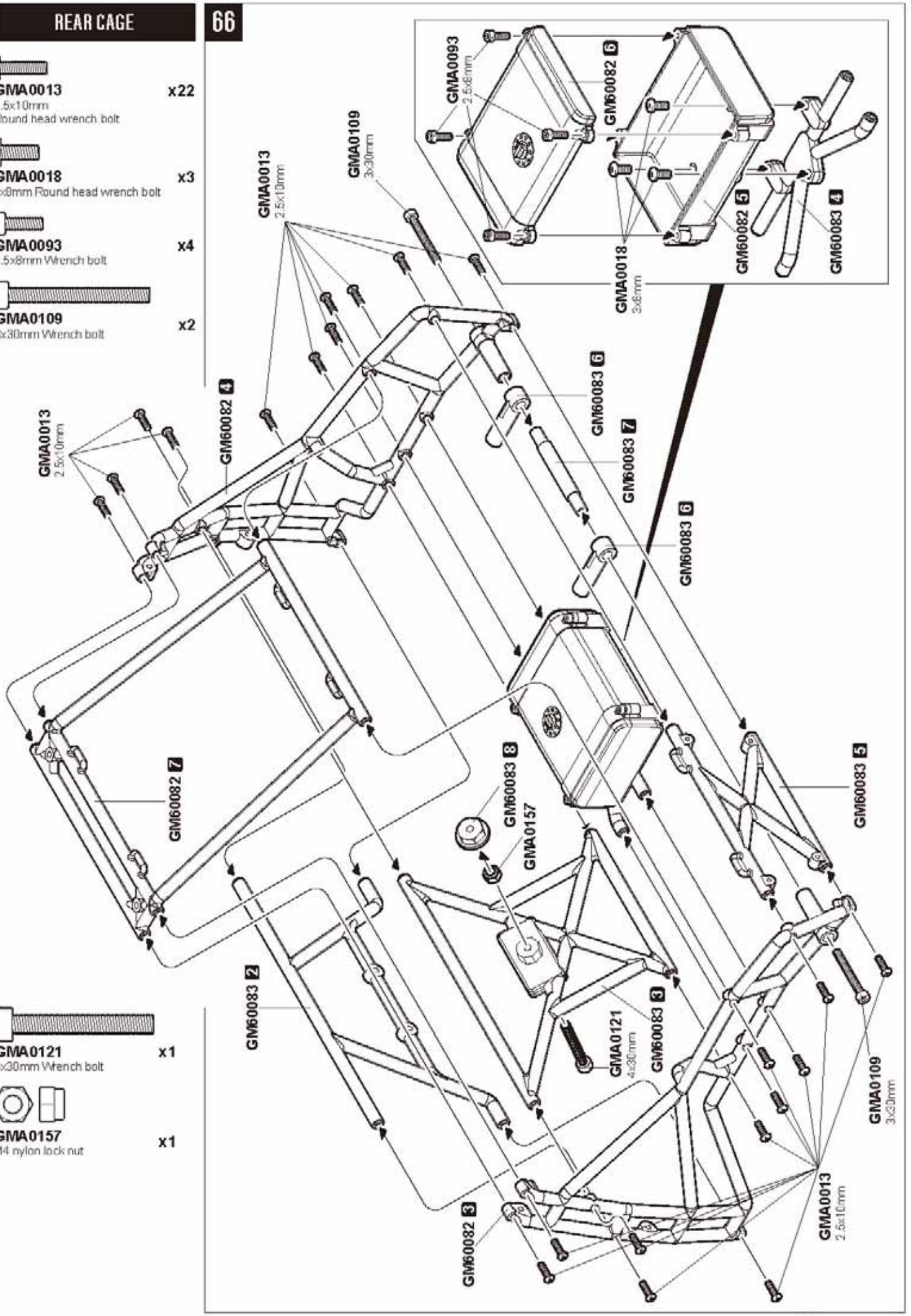
GMA0018 x3
3x8mm Round head wrench bolt

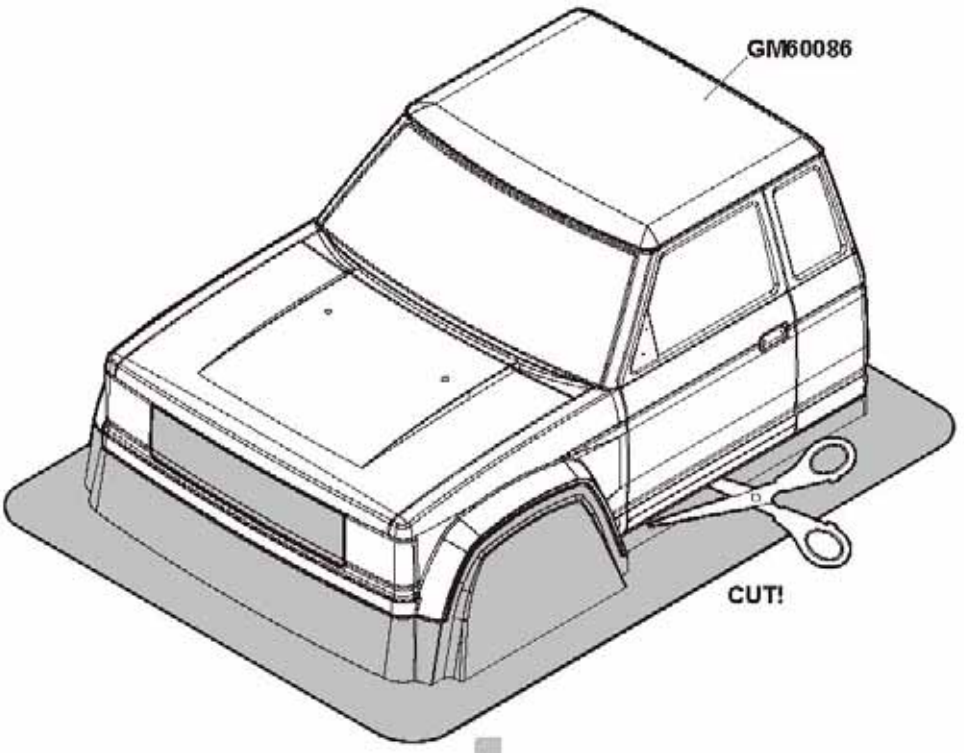
GMA0093 x4
2.5x8mm Wrench bolt

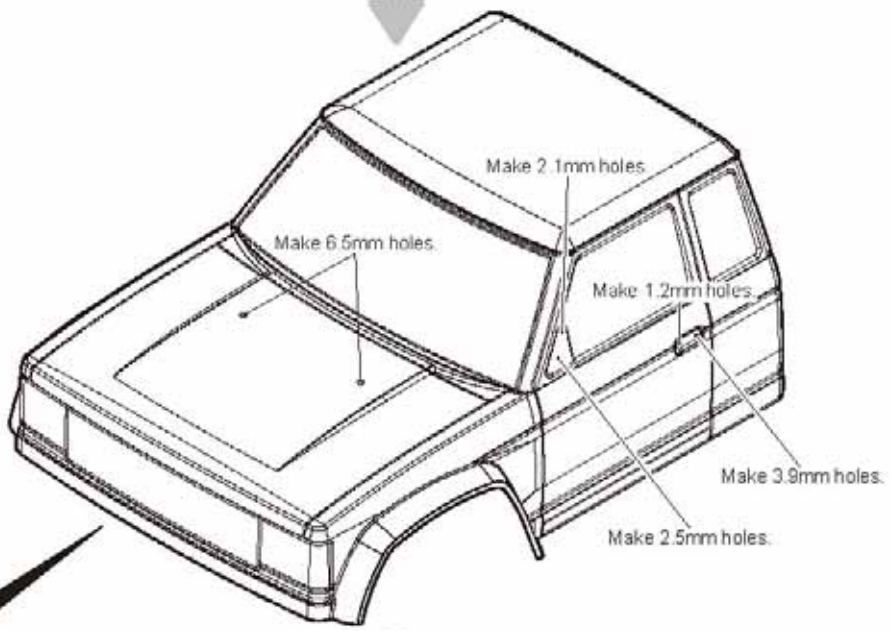
GMA0109 x2
3x30mm Wrench bolt

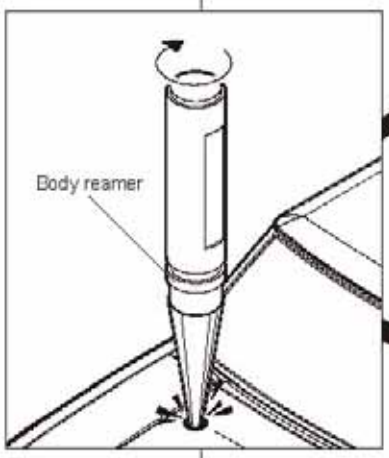
GMA0121 x1
4x30mm Wrench bolt

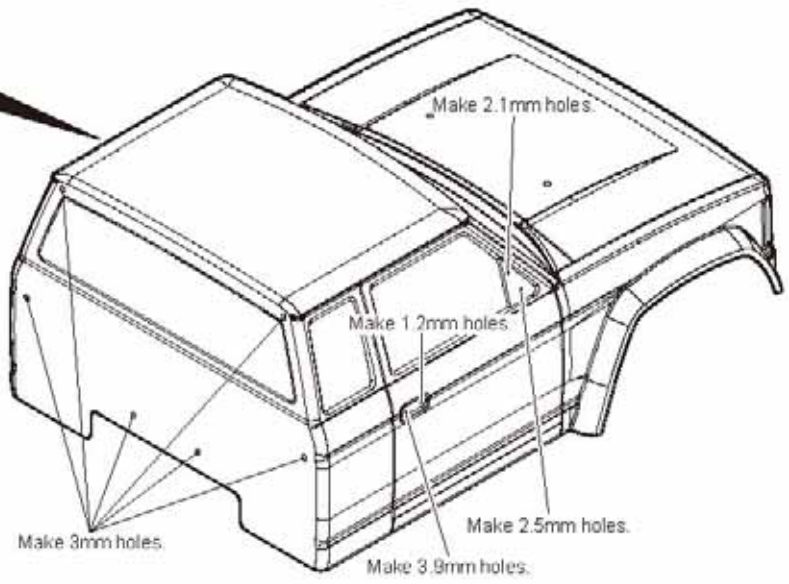
GMA0157 x1
M4 nylon lock nut




GM60086
CUT!

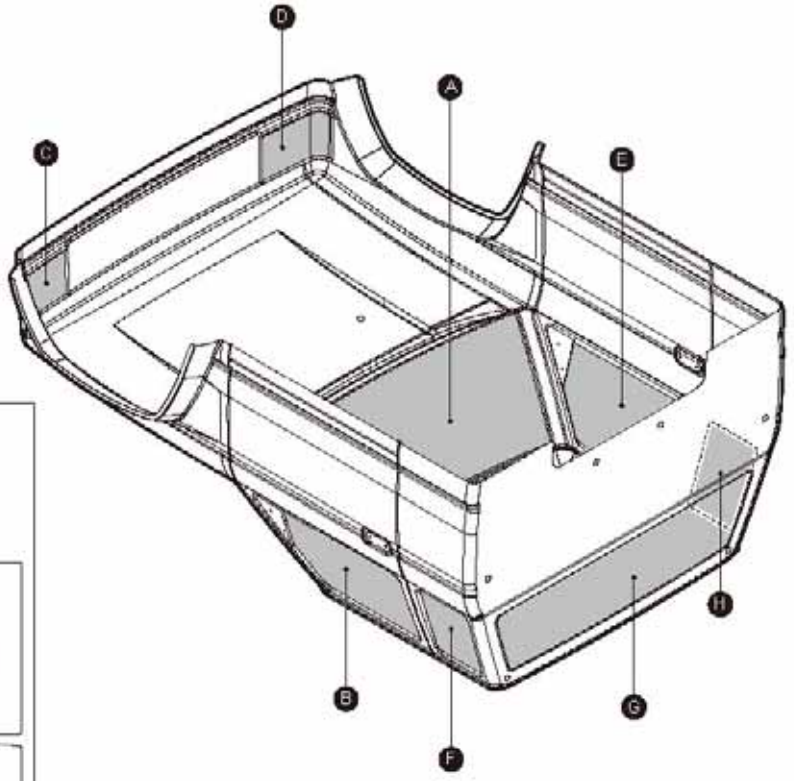

Make 2.1mm holes.
Make 6.5mm holes.
Make 1.2mm holes.
Make 3.9mm holes.
Make 2.5mm holes.


Body reamer

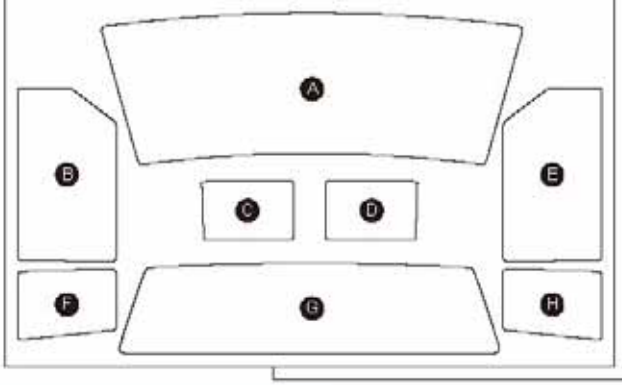

Make 2.1mm holes.
Make 1.2mm holes.
Make 2.5mm holes.
Make 3mm holes.
Make 3.9mm holes.

BODY MASKING

68

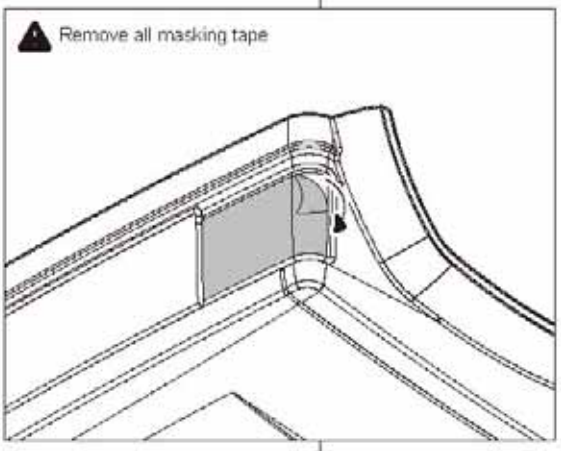


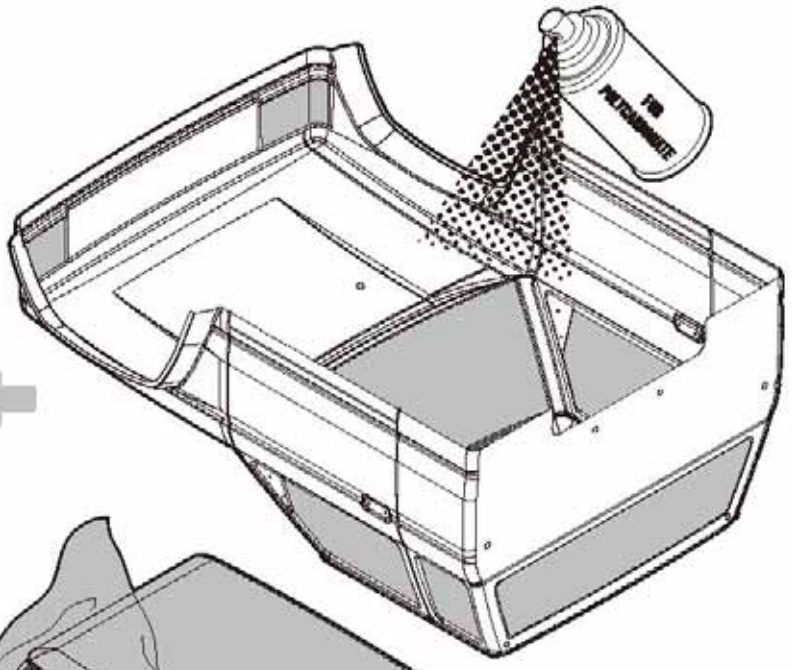
GM60086
BOM masking tape

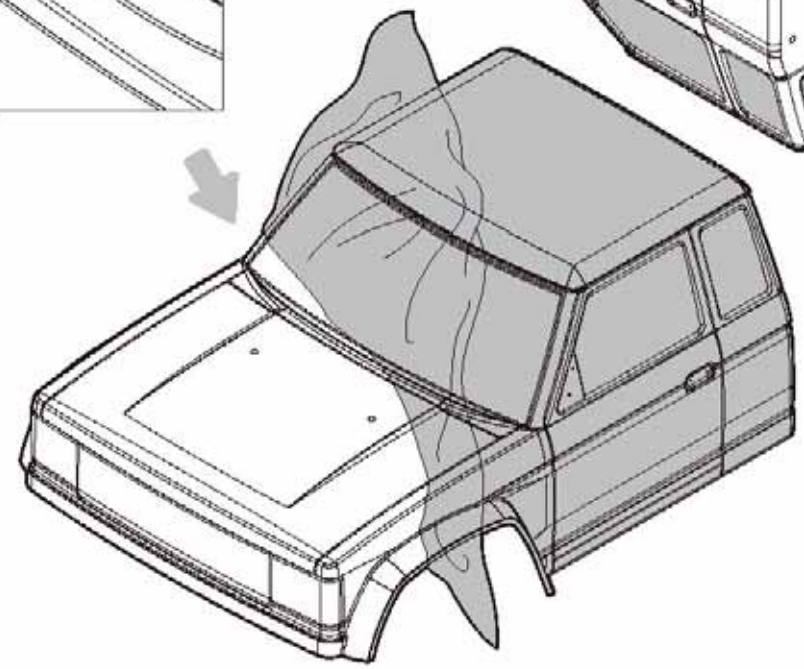


BODY PAINTING

69



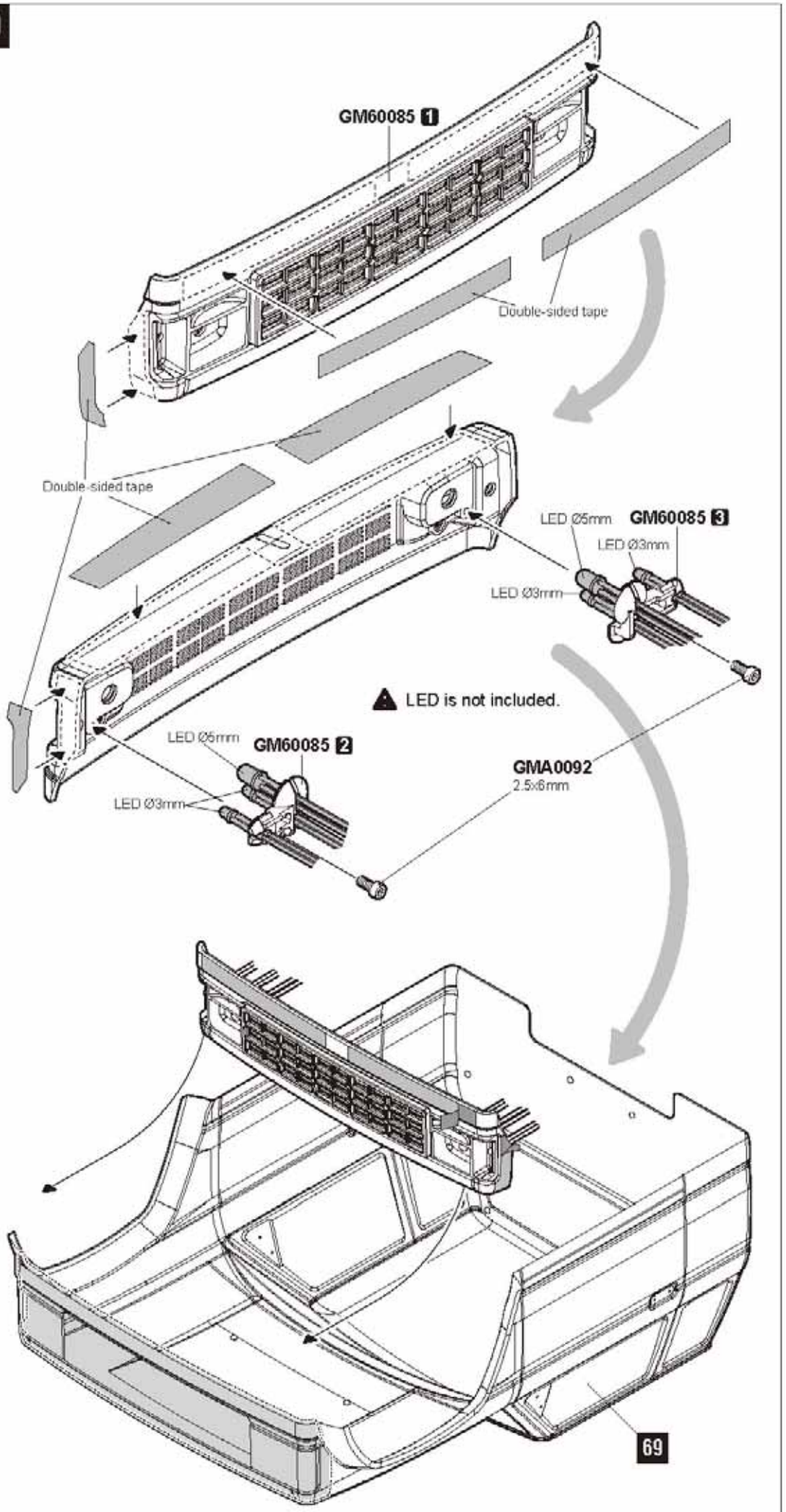


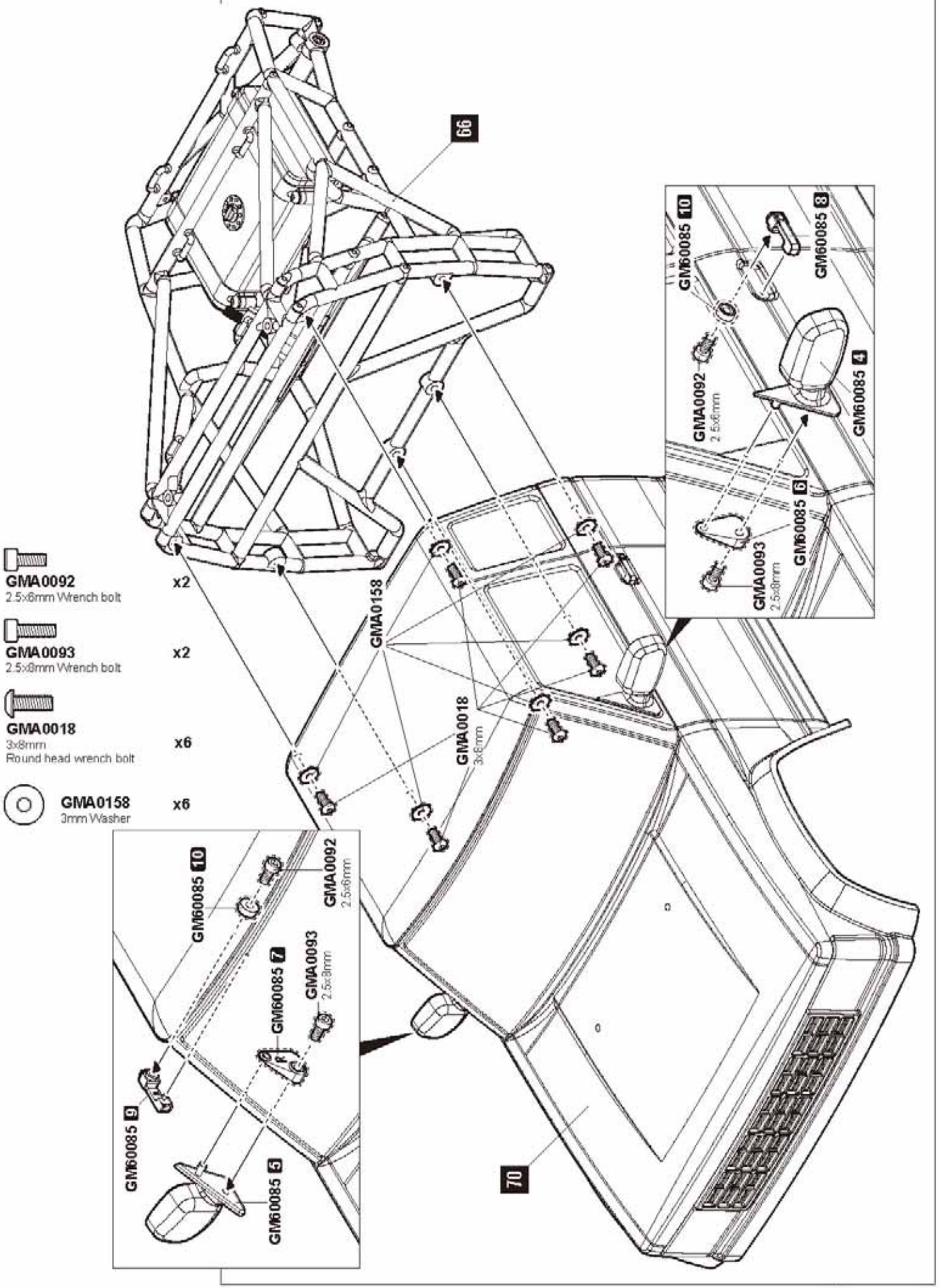


FRONT GRILLE

70

GMA0092 x2
2.5x6mm Wrench bolt

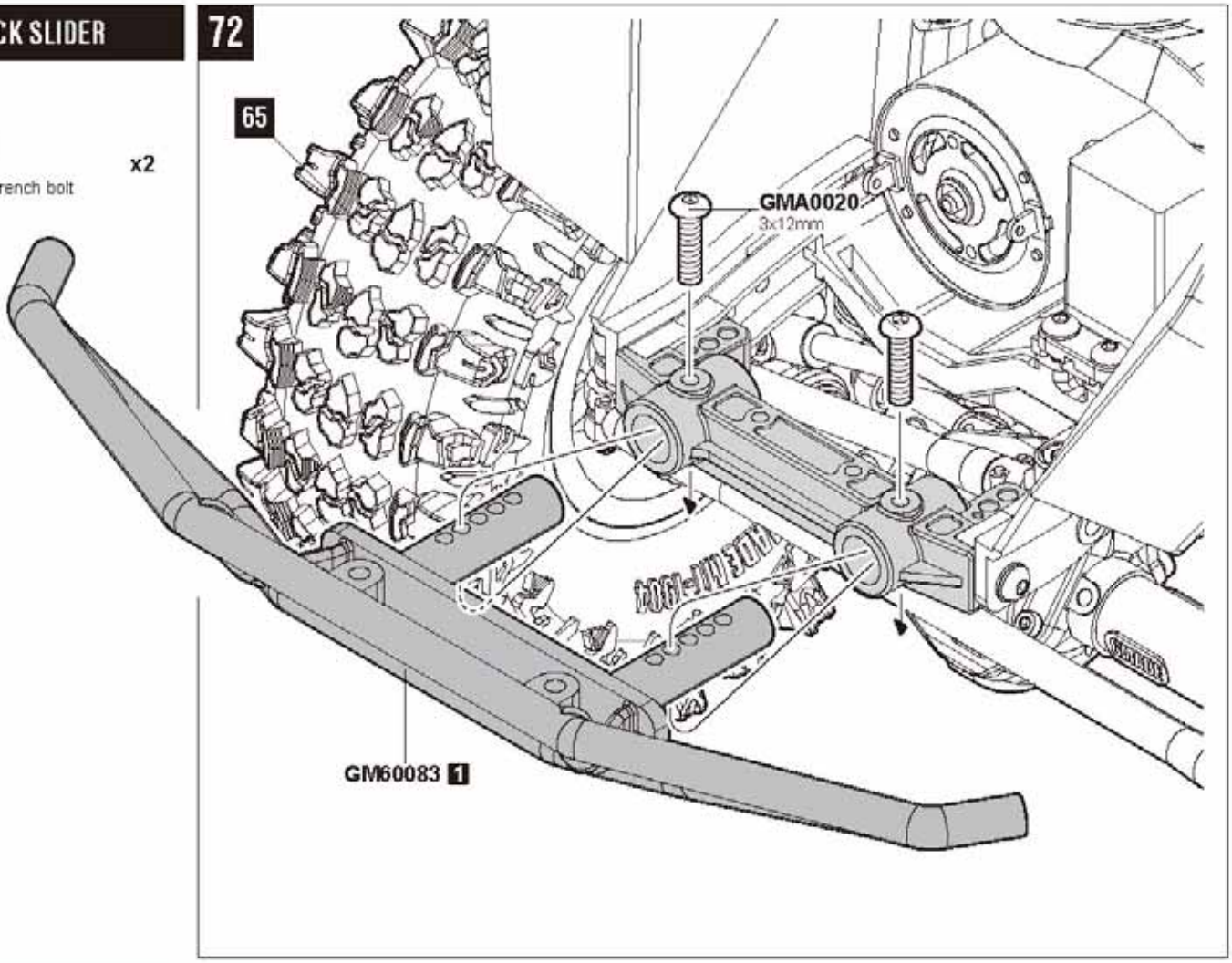



66
GMA0092
2.5x6mm Wrench bolt
x2
GMA0093
2.5x8mm Wrench bolt
x2
GMA0018
3x8mm
Round head wrench bolt
x6
GMA0158
3mm Washer
x6
GMA0158
GMA0018
3x8mm
GM60085 10
GMA0092
2.5x6mm
GM60085 8
GM60085 4
GMA0093
2.5x8mm
GM60085 6
GM60085 10
GMA0092
2.5x6mm
GM60085 7
GMA0093
2.5x8mm
GM60085 9
GM60085 5
70

ROCK SLIDER

GMA0020
3x12mm
Round head wrench bolt
x2

72

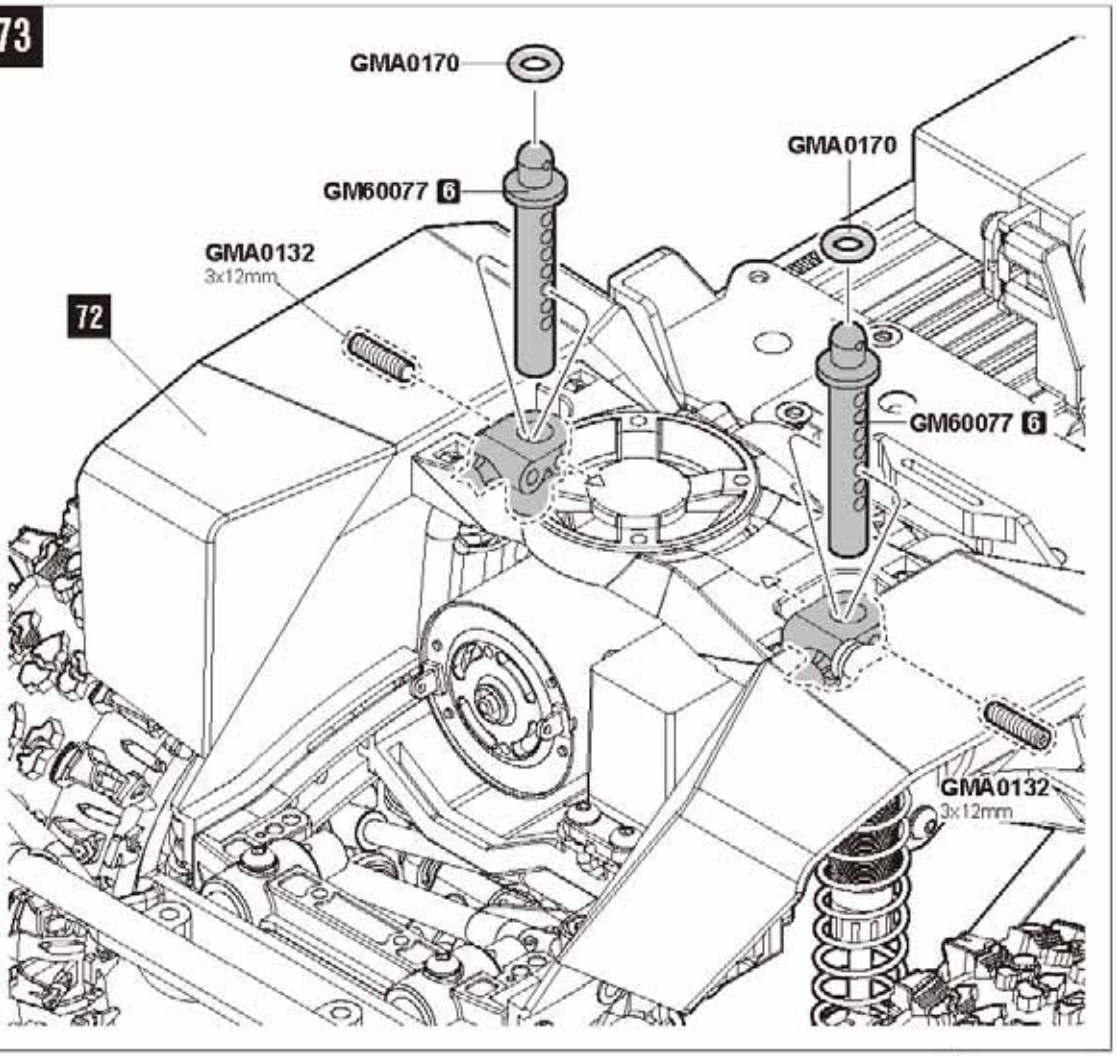


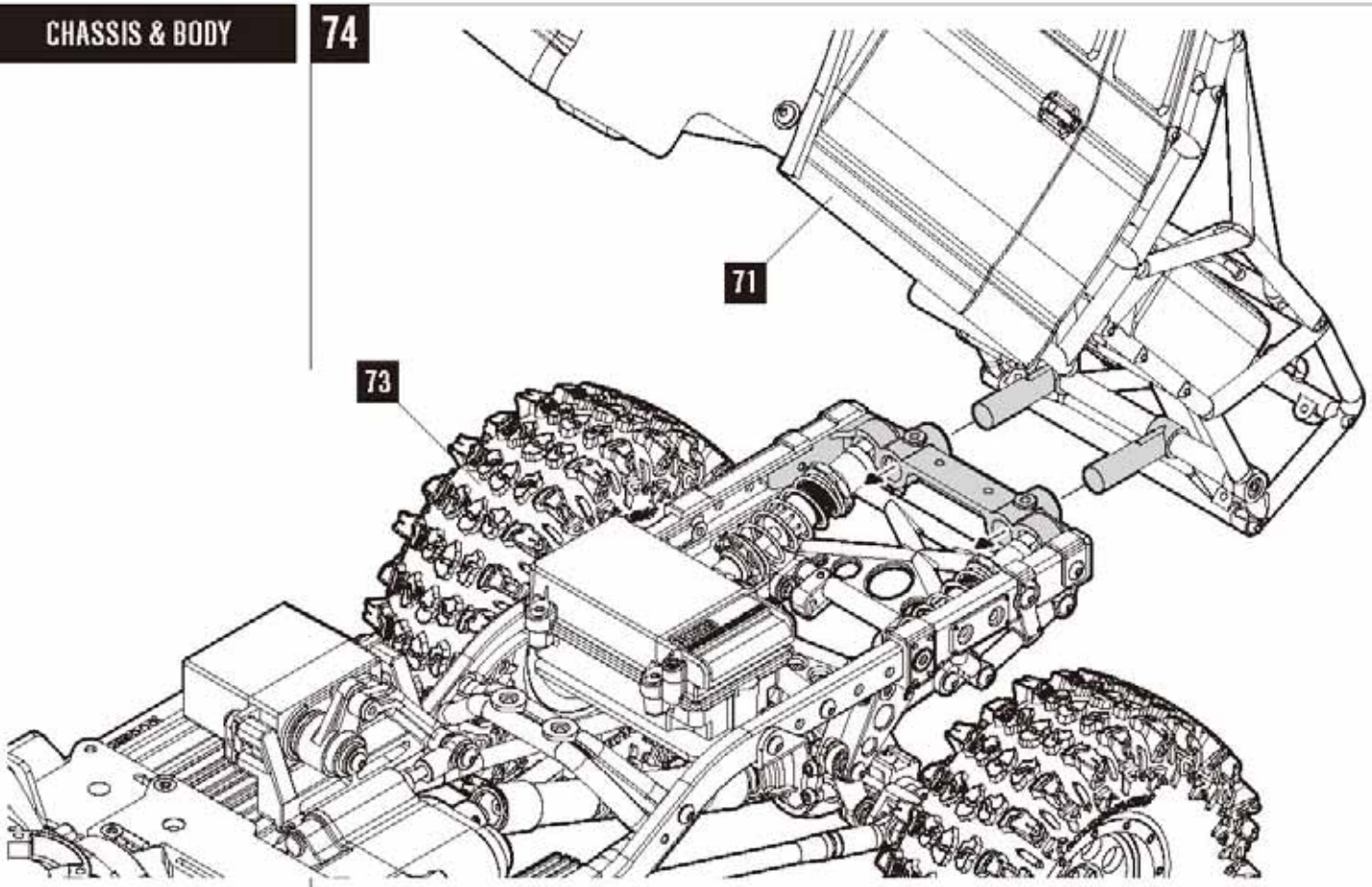
FRONT BUMPER

GMA0132
3x12mm Socket set screw
x2

GMA0170
P5 O-ring
x2

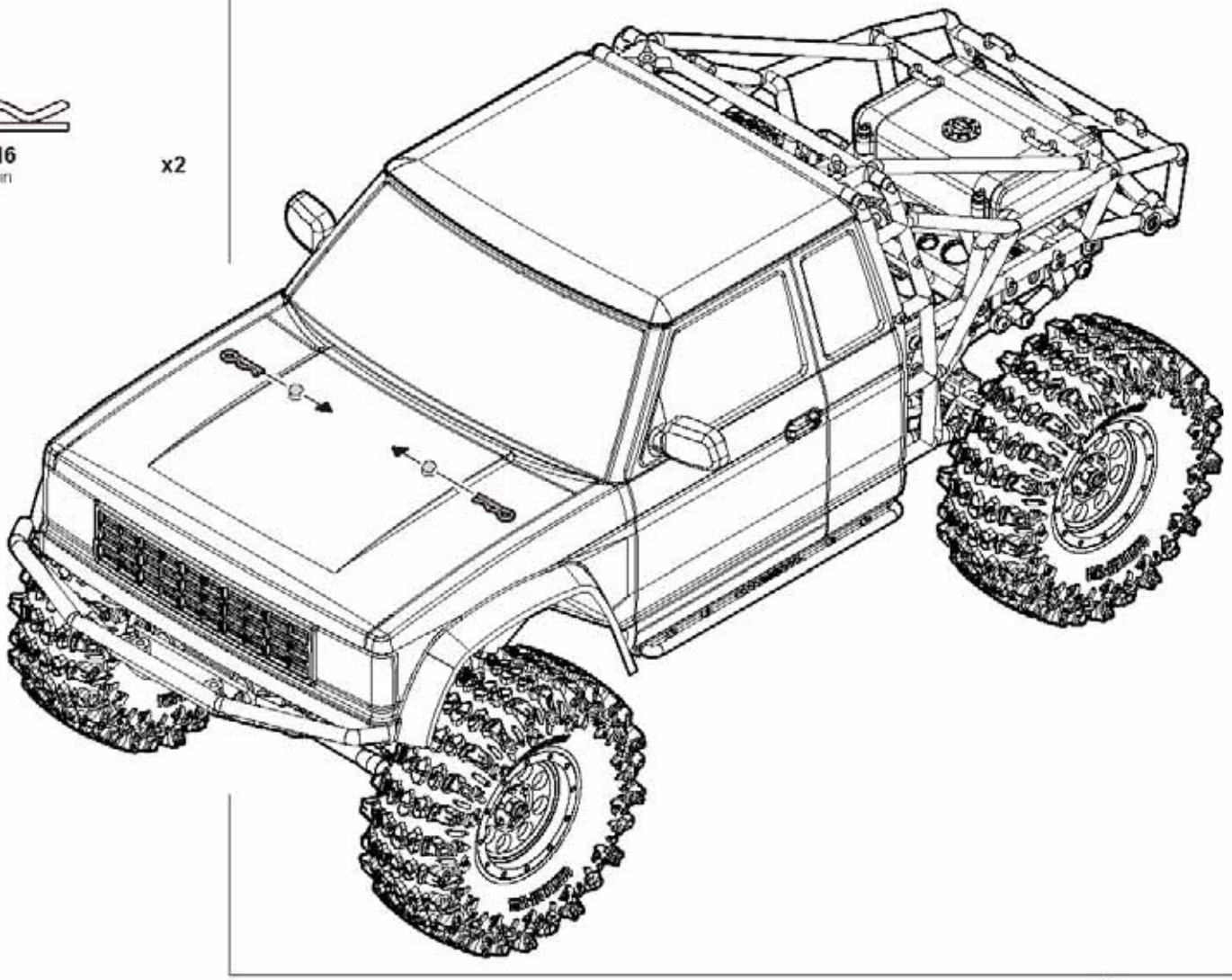
73



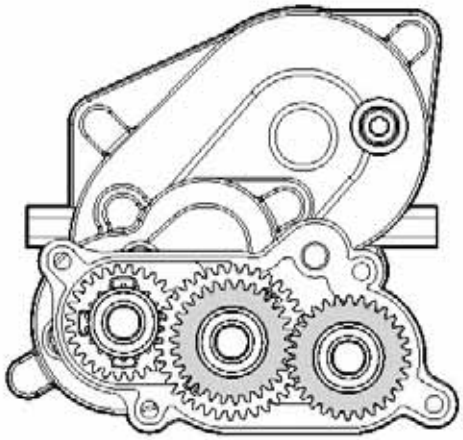


GM50116
R8 snap pin

x2

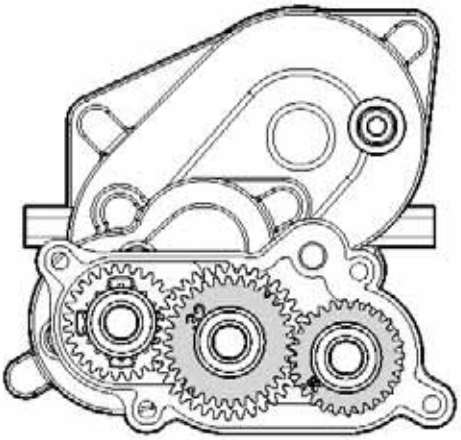


No overdrive (Option)
30T / 30T (GM30172)



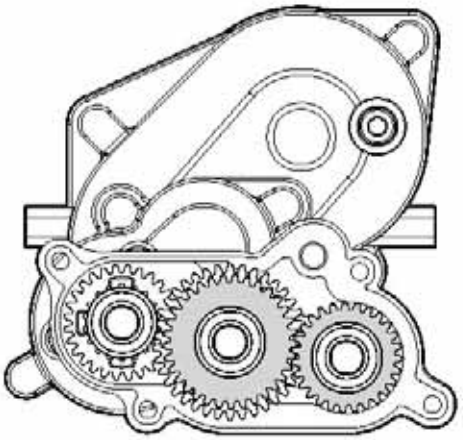
Overall gear ratio			
Pinion	Drive	LO	HI
9T	Front	66.85	31.67
	Rear	66.85	31.67
10T	Front	60.17	28.50
	Rear	60.17	28.50
11T	Front	54.70	25.91
	Rear	54.70	25.91
12T	Front	50.14	23.75
	Rear	50.14	23.75
13T	Front	46.28	21.92
	Rear	46.28	21.92
14T	Front	42.98	20.36
	Rear	42.98	20.36
15T	Front	40.11	19.00
	Rear	40.11	19.00
Overdrive percentage: 0%			

Overdrive 1 (Stock)
32T / 28T



Overall gear ratio			
Pinion	Drive	LO	HI
9T	Front	58.50	27.71
	Rear	66.85	31.67
10T	Front	52.65	24.94
	Rear	60.17	28.50
11T	Front	47.86	22.67
	Rear	54.70	25.91
12T	Front	43.87	20.78
	Rear	50.14	23.75
13T	Front	40.50	19.18
	Rear	46.28	21.92
14T	Front	37.60	17.81
	Rear	42.98	20.36
15T	Front	35.10	16.63
	Rear	40.11	19.00
Overdrive percentage: 14.29%			

Overdrive 2 (Option)
33T / 27T (GM30168)



Overall gear ratio			
Pinion	Drive	LO	HI
9T	Front	54.70	25.91
	Rear	66.85	31.67
10T	Front	49.23	23.32
	Rear	60.17	28.50
11T	Front	44.75	21.20
	Rear	54.70	25.91
12T	Front	41.02	19.43
	Rear	50.14	23.75
13T	Front	37.87	17.94
	Rear	46.28	21.92
14T	Front	35.16	16.66
	Rear	42.98	20.36
15T	Front	32.82	15.55
	Rear	40.11	19.00
Overdrive percentage: 22.22%			

MEMO

SPARE PARTS LIST

PART#	PRODUCT NAME
GM0020075	Shock shaft 3.5x46.4mm
GM0020078	RSD shock delrin pistons
GM50116	R6 snap pin (12)
GM51603	Pin 2x10.3mm (4)
GM60001	16.5mm servo saver parts tree
GM60022	M4 5.8mm rod end set
GM60023	5.8mm ball parts tree
GM60033	Pin 1.5x7.2mm (4)
GM60061	GA44 front axle housing parts tree
GM60062	GA44 rear axle housing parts tree
GM60063	GA44 axle parts tree
GM60064	GA44 axle hardware set
GM60065	Pin 2x11.4mm (4)
GM60067	11T bevel gear
GM60068	33T bevel gear
GM60069	48P 18T gear
GM60071	48P 38T 1st gear (LO)
GM60072	32P 13T pinion gear
GM60075	GS02 rear cantilever suspension parts tree
GM60076	GS02 side plate parts tree
GM60077	GS02 shock hoop & body post parts tree
GM60078	GS02 battery tray & cross member parts tree
GM60079	SD shock parts tree
GM60080A	32P 45T spur gear (2)
GM60081	GS02 frame side rails
GM60082	Rock slider & rear cage side parts tree
GM60083	Front tube bumper & Rear cage parts tree
GM60084	Universal shaft parts tree
GM60085	BOM exterior detail parts tree
GM60086	BOM body set
GM60087	Slipper disk 20x1.5mm (2)
GM60088	Slipper pad (2)
GM60089	Upper link M4x6.8x55mm (2)
GM60091	Upper link M4x6.8x98mm (2)
GM60092	Lower link M4x6.8x100mm (2)
GM60093	5.8mm ball stud M3x5mm (5)
GM60094	SD 90mm shock body (2)
GM60097	Shock spring 15.2x61mm (2)
GM60099	Panhard rod 86mm
GM60100	GA44 steering rod set
GM60101	Universal joint set
GM60102	CVA drive coupler (2)
GM60103	3x10mm Screw pin (4)
GM60104	Foam seal (2)
GM60105	BOM decal sheet
GM60109	GA44 CVA kit
GM60110	CVA pin retaining ring (2)
GM60111	Input universal joint set
GM60112	Straight drive shaft 107mm (2)
GM60117	Velcro strap 16x160mm (2)
GM60119	Universal joint drive coupler (2)
GM60210	48P 28T 2nd gear (HI)
GM60211	HI/LO sliding clutch
GM60212	48P 32T gear
GM60213	Transmission output front shaft 55.3mm
GM60214	Transmission output rear shaft 63.1mm
GM60215	Transmission shaft 117.9mm
GM60216	Slipper shaft 37.8mm
GM60217	Transmission fork shaft 49.2mm
GM60218	GS02F front & rear inner fenders
GM60219	GS02F skid plate & battery tray parts tree

PART#	PRODUCT NAME
GM60220	GS02F transmission housing parts tree
GM60221	GS02F inner fender braces & transmission hardware parts tree
GM60222	Lower link M4x6.8x78mm (2)
GM60226	Servo saver spring 9x9.5mm
GM60232	Receiver box plate
GM60238	Shock spring 16.8x36mm (2)
GM60240	BOM clear body
GM70304	1.9 MT 1904 off-road tire
GM70574	1.9 NR03 wheel
GMA0011	2.5x6mm round head wrench bolt
GMA0012	2.5x8mm round head wrench bolt
GMA0013	2.5x10mm round head wrench bolt
GMA0017	3x6mm round head wrench bolt
GMA0018	3x8mm round head wrench bolt
GMA0019	3x10mm round head wrench bolt
GMA0021	3x15mm round head wrench bolt
GMA0022	3x20mm round head wrench bolt
GMA0023	3x25mm round head wrench bolt
GMA0024	3x30mm round head wrench bolt
GMA0056	3x6mm flat head wrench bolt
GMA0057	3x8mm flat head wrench bolt
GMA0058	3x10mm flat head wrench bolt
GMA0059	3x12mm flat head wrench bolt
GMA0060	3x15mm flat head wrench bolt
GMA0064	3x35mm flat head wrench bolt
GMA0082	2x6mm wrench bolt
GMA0093	2.5x8mm wrench bolt
GMA0094	2.5x10mm Wrench bolt
GMA0095	2.5x12mm wrench bolt
GMA0102	3x8mm wrench bolt
GMA0104	3x12mm wrench bolt
GMA0106	3x18mm wrench bolt
GMA0107	3x20mm wrench bolt
GMA0108	3x25mm wrench bolt
GMA0109	3x30mm wrench bolt
GMA0121	4x30mm wrench bolt
GMA0126	3x3mm socket set screw
GMA0127	3x4mm socket set screw
GMA0131	3x10mm socket set screw
GMA0144	4x15mm socket set screw
GMA0145	4x20mm socket set screw
GMA0153	M2.5 Nut
GMA0154	M3 nut
GMA0156	M3 nylon lock nut
GMA0157	M4 nylon lock nut
GMA0158	3mm Washer
GMA0160	2mm E-ring
GMA0161	2.5mm E-ring
GMA0162	4mm E-ring
GMA0163	Ball bearing 5x8x2.5mm
GMA0165	Ball bearing 5x11x4mm
GMA0167	Ball bearing 10x15x4mm
GMA0169	P3 O-ring
GMA0170	P5 O-ring
GMA0172	3x18mm round head wrench bolt
GMA0191	M3 Flange nut
GMA0205	Ball bearing 8x12x3.5mm
GMA0210	4mm conical spring washer
GMA0211	3x18mm flat head wrench bolt
GMA0212	7x1 O-ring
GMA0213	S56 O-ring

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