

PRIMALRC

TRACTION
HOBBY

1/8 SCALE RAM 1500



INSTRUCTION MANUAL

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INTRODUCTION

Thank you for purchasing the all new Primal RC and Traction Hobby RAM 1500 Truck.

The design of the RAM 1500 sets a new benchmark in scale realism and performance. Officially licensed by Ram, this truck delivers an unmatched combination of detail and capability. It features fully functional LED lights, a true to scale interior, and a rugged drivetrain. The suspension system combines long travel independent front suspension with a cantilever shock rear live axle for maximum articulation and strength. Power comes from advanced FOC motor technology, delivering high torque output from a brushless motor. From the remote control, the truck can shift the two speed transmission, lock and unlock both differentials, and shift the transfer case between front wheel drive, rear wheel drive, or all wheel drive to provide complete control and versatility on any terrain.

We know you are excited to get your new model on the trail, but it is very important to take time to read through this owner manual. Inside you will find the setup and operating procedures that will allow you to unlock the full performance potential engineered into your truck. Even if you are an experienced RC enthusiast, reviewing these steps will ensure the best possible experience.

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Before You Proceed

Carefully read and follow all instructions in this manual and any accompanying materials to prevent serious damage to your model. Failure to do so may be considered abuse or neglect. Before operating your model, review this entire manual and inspect the model thoroughly. If for any reason you decide it is not what you wanted, do not proceed with operation. Please note that once a model has been run, your hobby dealer cannot accept it for return or exchange.

Support

If you have any questions about your model or its operation, contact Primal RC at the email address below:

sales@primalrc.com

Or fill out the "Contact Us" form available on our website at www.PrimalRC.com

Do not hesitate to contact us with any of your product support needs!

Safety Precautions

Operate your model with care and good judgment, and it will provide excitement, safety, and fun for you and those around you. Failure to use your model in a safe and responsible manner may result in property damage or serious injury. The precautions outlined in this manual must be strictly followed to help ensure safe operation. It is your responsibility to make sure that all instructions are observed and that the precautions are respected.

1. Our model is not intended for use on public roads or in congested areas where its operation could cause a conflict with pedestrians or vehicle traffic.
2. Never, under any circumstances, operate the model in crowds of people. A collision could cause serious injury.
3. Because your model is controlled by radio, it is subject to interference from many sources beyond your control. Since interference can cause temporary loss of control, always maintain a safe margin in all directions around the model to prevent collisions.
4. The motor, battery, and speed control can become hot during use. Avoid contact to prevent burns.
5. Do not operate your model at night or at any time when your line of sight may be obstructed or impaired in anyway.

Electronics Precautions:

The models electronic speed control (ESC) is an extremely powerful electronic device capable of delivering high current. Please closely follow these precautions to prevent damage to the speed control or other components.

1. Disconnect the Battery: Always disconnect the battery from the speed control when not in use.
2. LiPo cells 2-4s : The ESC can accept a maximum input voltage of 14.8 volts (4S LiPo). Always adhere to the minimum and maximum voltage range of the ESC to prevent damage.
3. No Reverse Voltage: The ESC is not protected against reverse polarity. Be certain to connect the battery with the correct polarity to avoid permanent damage.
4. Runaways and Erratic Performance: Always be prepared for the possibility of radio signal loss or interference, which can cause unexpected movement of the model. Maintain a safe operating area at all times.
5. Do Not Get Burned: The ESC and motor can become extremely hot during use. Do not touch them until they have cooled completely. Always ensure adequate airflow for cooling.



WARNING CAUTION DANGER

Your model is capable of using LiPo batteries. Charging and discharging LiPo batteries carries the risk of fire, explosion, serious injury, and property damage if not performed according to the instructions. Before use, carefully read and follow all manufacturer instructions, warnings, and precautions.

Lithium Polymer (LiPo) batteries require special care and handling. If not handled properly, they pose a severe risk of fire. Always follow the recommended charging, storage, and handling procedures to ensure long life and safe operation.

LiPo batteries are intended only for advanced users who are fully educated on the risks involved with LiPo battery use. Primal RC and Traction Hobby do not recommend that anyone under the age of 14 use or handle LiPo battery packs without the supervision of a knowledgeable and responsible adult. Dispose of used batteries in accordance with local regulations.

Lipo Battery Safety Guidelines:

1. **Low Voltage Protection:** LiPo batteries have a minimum safe discharge voltage. The ESC includes Low Voltage Detection, but it is the driver's responsibility to stop use immediately when the cutoff is reached. Continuing to run the pack below this threshold can permanently damage the battery.
2. **Charging Equipment:** Only use a LiPo balance charger with the correct balance port. Never use NiMH or NiCad chargers or charge modes, as this can cause fire, explosion, or permanent damage to the Lipo pack.
3. **Charging Rules:** Do not charge packs in series or parallel, since improper charger recognition can result in cell imbalance or overcharging. Always charge on a fireproof, nonflammable surface in a well-ventilated area, away from flammable materials. Never charge inside a vehicle or while driving. Never leave a charging battery unattended.
4. **Inspection:** Inspect batteries carefully before every charge. Look for swelling, leaks, impact damage, damaged insulation, missing labels, or deformities. Do not charge or use a damaged battery, dispose of it according to manufacturer instructions.
5. **Temperature Control:** LiPo batteries, motors, and ESCs can become hot during use and charging. Do not handle until cooled. If a pack exceeds 110°F (43°C) during charging, stop immediately and disconnect it. Always allow the pack to cool between runs and before recharging.
6. **Handling and Storage:** Never short, crush, puncture, disassemble, or expose batteries to fire, water, or moisture. Do not store or charge near other batteries. Store in a cool, dry place out of direct sunlight, below 140°F (60°C). Use protective storage containers or fireproof bags when transporting.
7. **General Use:** Always unplug the battery from the charger when charging is complete, and disconnect from the ESC when the model is not in use or being stored. Remove batteries from the model before charging. Do not exceed manufacturer-recommended charge rates.
8. **Supervision:** LiPo batteries are intended for advanced users who understand the risks. Primal RC and Traction Hobby do not recommend use or handling by anyone under 14 without the supervision of a knowledgeable and responsible adult.

Troubleshooting Guide

Problem: Model does not power on

Ensure the battery is fully charged and properly connected.
Verify correct polarity on all battery and ESC connections.
Check the on/off switch and wiring for damage.

Problem: Model powers on but will not respond to radio input

Confirm the transmitter and receiver are powered on and bound correctly.
Check for radio interference in the area.
Inspect antenna, wiring, and receiver connections.

Problem: Overheating motor or ESC

Driving in high gear for long periods may cause overheating; use low gear for most running.
Allow the vehicle to cool between runs.
Ensure adequate airflow around the ESC and motor.

Problem: Transmission does not shift properly

Check servo end points and trim settings.
Inspect shift linkage for binding or misalignment.
Examine internal gears for wear or damage.

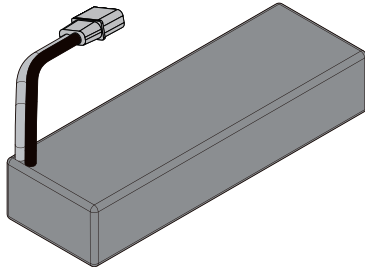
Problem: Axles do not lock or unlock shift properly

Check servo end points and operation.
Inspect linkage for binding or misalignment.
Check differential internals for wear or damage.

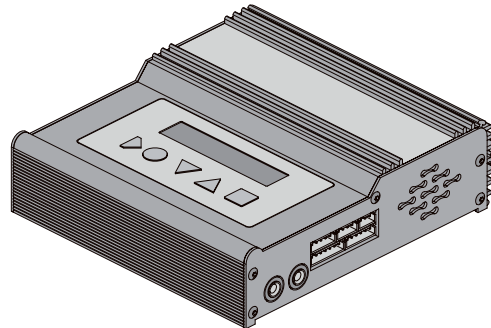
Problem: Vehicle lights not functioning properly

Cycle through lighting modes using the remote trigger button.
Inspect wiring connections and plugs for damage or loose contact.

REQUIRED EQUIPMENT

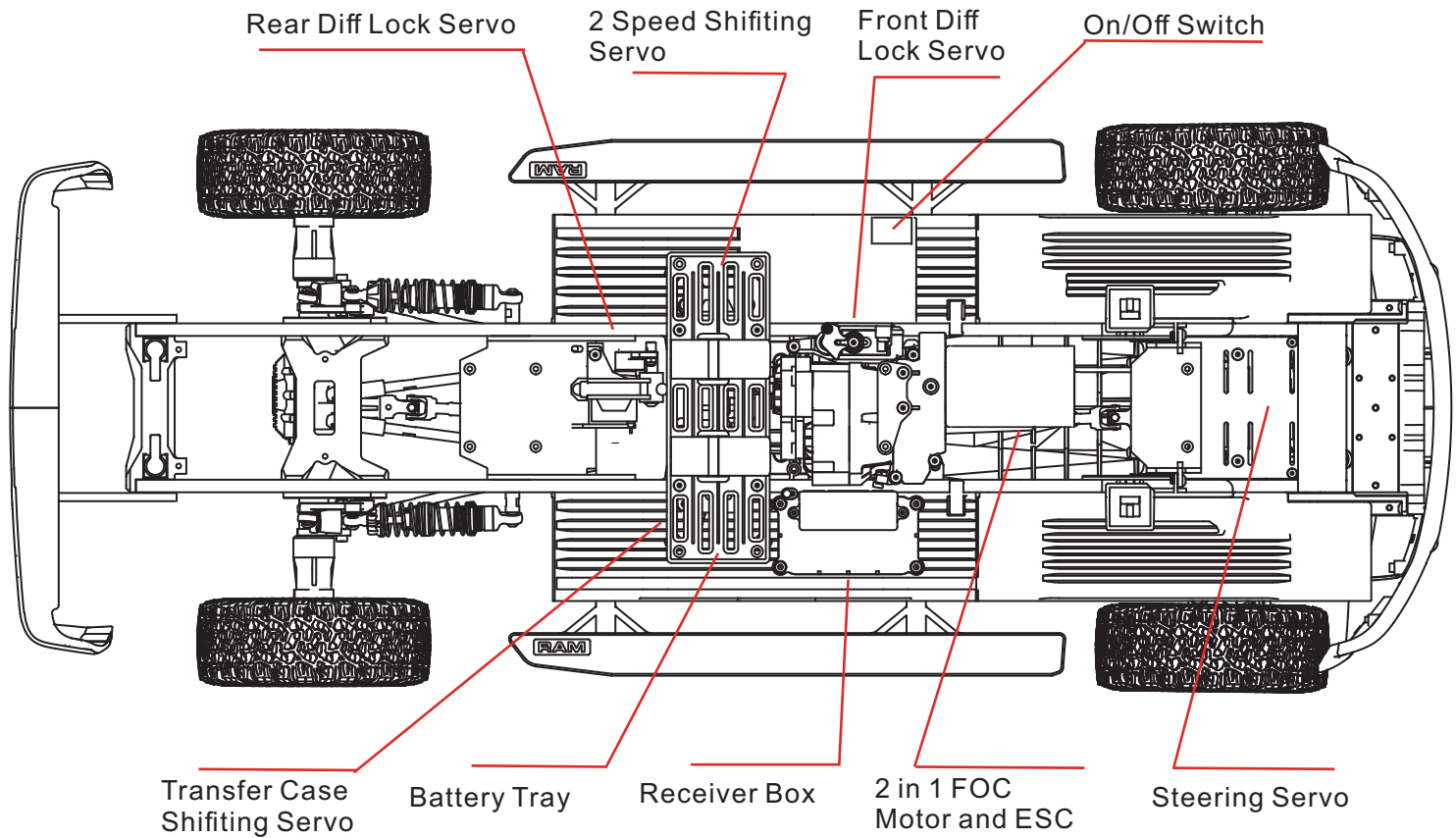


2s-4s Lipo battery
XT60 Connector



Lipo Charger

Chassis top view



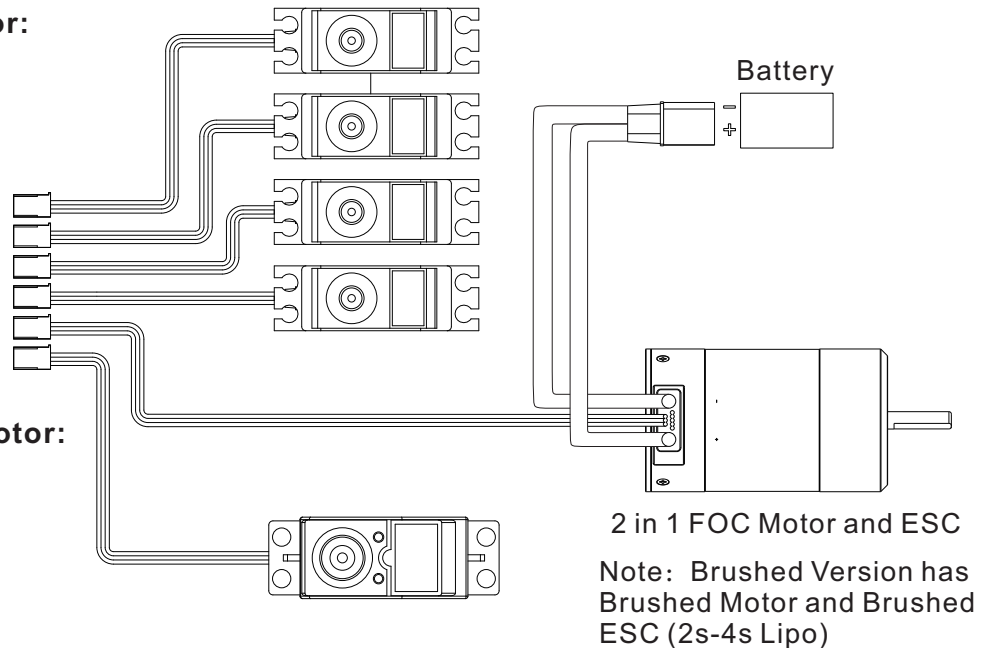
Receiver Connection

Flysky G7P+ Receiver with FOC Motor:

- CH1: Steering Servo
- CH2: 2 in 1 FOC Motor and ESC
- CH3: Transfer Case Shifting Servo
- CH4: 2 Speed Shifting Servo
- CH5: Front Diff Lock Servo
- CH6: Rear Diff Lock Servo
- CH7: LED AUX

Dumby RC Receiver with Brushed Motor:

- CH1: Steering Servo
- CH2: Brushed ESC
- CH3: 2 Speed Shifting Servo
- CH4: LED AUX
- CH7: Transfer Case Shifting Servo
- CH9: Front Diff Lock Servo
- CH10: Rear Diff Lock Servo



Radio Functions - Refer to Radio model supplied with vehicle

Flysky FS-G7P+ Radio

Shift High and Low Gear
CH3

LED Light Mode Toggle
CH7

Steering
CH1

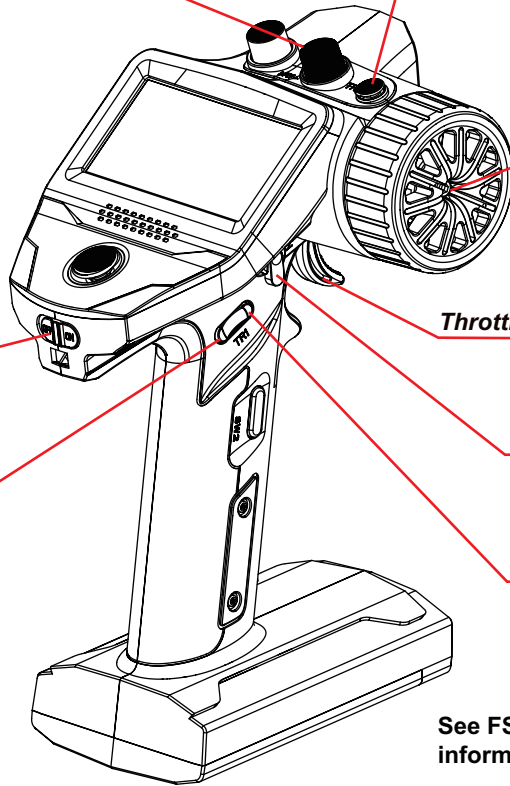
Throttle and Reverse
CH2

Shift Transfer Case
FWD, AWD, RWD
CH4

Front Diff Lock
CH5

On / Off

Rear Diff Lock
CH6



See FS-G7P+ User Manual for more information

Dumby RC DDF-350 Radio

LED Light Mode Toggle
CH4

Shift High and Low Gear
CH3

On / Off

Steering
CH1

Shift Transfer Case
FWD, AWD, RWD
CH7

Throttle and Reverse
CH2

Rear Diff Lock
CH10

Front Diff Lock
CH9

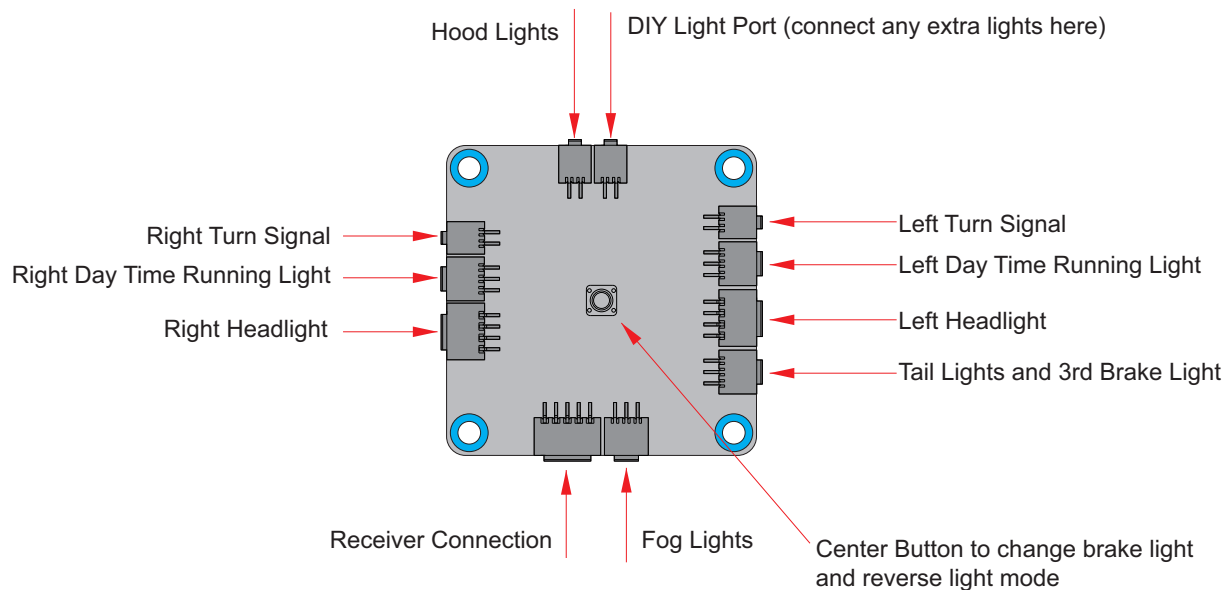


See Dumby RC DDF-350 User Manual for more information

Lighting Modes

1. Use the LED Light Mode Toggle(LED AUX) Button to cycle through the main lighting modes:
 - a. Press once to cycle modes: Running Lights → Auxiliary Lights → Low Beams → High Beams
 - b. In any mode, press the LED Light Mode Toggle button quickly two times to flash headlights.
2. Activate additional LED modes. Turn the steering wheel fully Left or Right, then return to center. Follow the patterns below. After the final turn, wait 3 seconds for the change to take effect:
 - a. **Two Left Turns** → DRL (Daytime Running Lights) color toggles between White and Orange
 - b. **Three Left Turns** → Fog Lights and License Plate Lights toggle On/Off
 - c. **Two Right Turns** → Hazard Flashers toggle On/Off
 - d. **Three Right Turns** → DIY Light Port Switched On/Off
3. Brake and Reverse Light Mode Options:
 - a. **Mode 1 - Forward/Reverse ESC** - Brake lights stay ON when the vehicle is stopped. Reverse lights turn ON when the vehicle goes into reverse.
 - b. **Mode 2 - Forward/Brake/Reverse ESC** - Brake lights stay OFF when the vehicle is stopped. Brake lights turn ON when the brake is applied for the first time. Reverse lights turn ON when the vehicle goes into reverse.
 - c. Press the center button once on the light control board to change Mode 1 or Mode 2.
4. CH1 / CH2 Signal Reversal:
 - a. **Reverse CH1 Lights, Turn Signals** - With vehicle raised off ground, hold CH1 and CH2 at full steering and full throttle (above 80%) then press LED Light Mode Toggle (LED AUX) one time to reverse turn signals.
 - b. **Reverse CH2 Lights, Reverse and Brake Lights** - With vehicle raised off ground, hold CH1 and CH2 at full steering and full throttle (above 80%) then press LED Light Mode Toggle (LED AUX) two times to reverse brake lights.

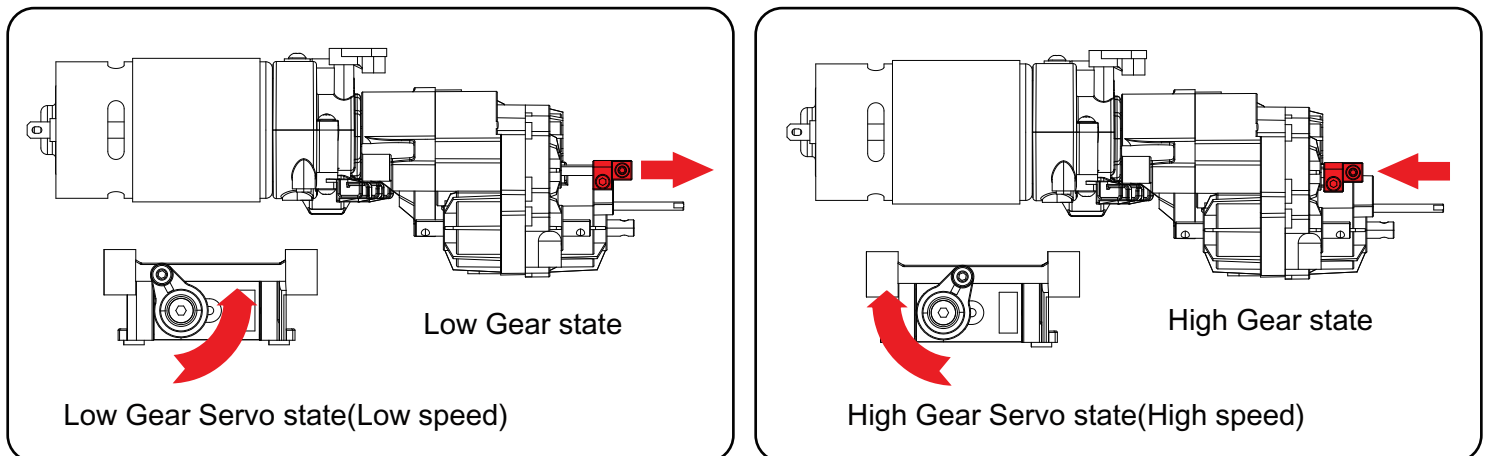
5. LED Control Board Wiring Diagram:



DRIVING YOUR MODEL

1. Allow the model to cool between runs, especially when using high-capacity battery packs that extend run times. Monitoring motor and battery temperatures will help extend their life.
2. Do not operate the model with low batteries, as you may lose control. Signs of low power include sluggish steering or reduced speed. Stop immediately at the first sign of weak batteries.
3. Never drive the model at night, on public streets, or in crowds of people.
4. Use low gear for most driving to maximize torque and control. High gear is intended for open trails, steep climbs, or clearing obstacles. Prolonged use of high gear can cause the motor or ESC to overheat and lead to premature wear.
5. Always shift the transmission and locking differentials with the vehicle stopped to prevent damage to the transmission.
6. Radio interference can cause momentary loss of control. Always maintain a safe distance in all directions around the model to avoid collisions.
7. Drive responsibly. Aggressive or abusive driving will reduce performance and may cause damage. Taking care of your model will ensure long-lasting enjoyment.
8. High-performance vehicles generate vibration that can loosen hardware. Frequently check wheels, links, shocks, screws, and other fasteners to keep the vehicle secure and reliable.

Operating the High-Low Transmission:



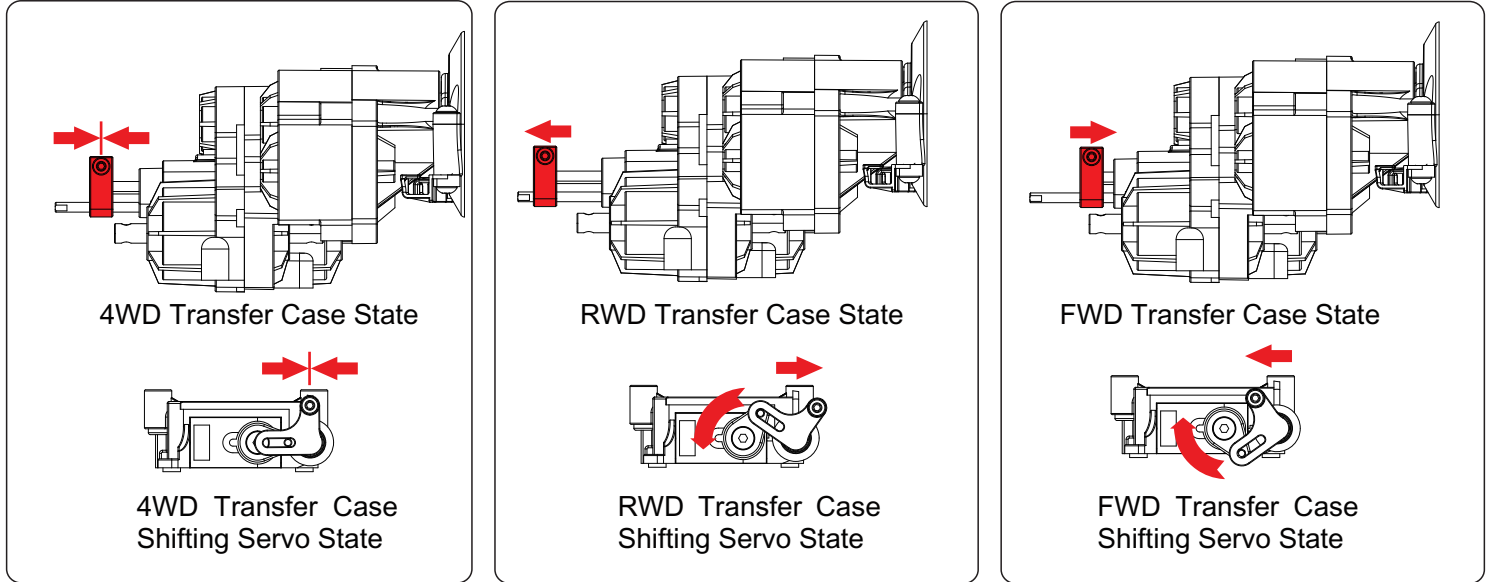
Use the third-channel button on the remote control to shift the gearbox. There will be a noticeable difference in speed between high and low gears. The gearbox provides strong torque in low gear, which helps extend the service life of the motor. The corresponding gearbox lever and servo positions are shown in the figure.

If you replace the servo or transmitter, adjust the servo parameters to match the positions shown in the figure. Specifically, set the EPA (End Point Adjustment) of the corresponding channel on the remote control to ensure smooth servo operation. Failure to adjust these parameters may cause the servo to experience continuous strain, leading to damage over time.

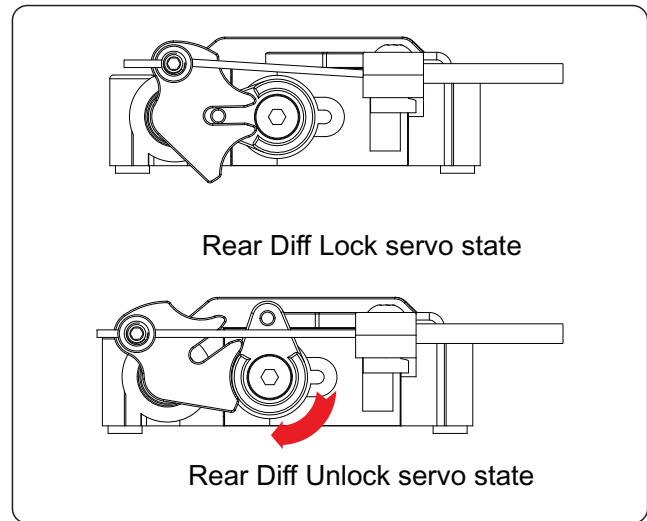
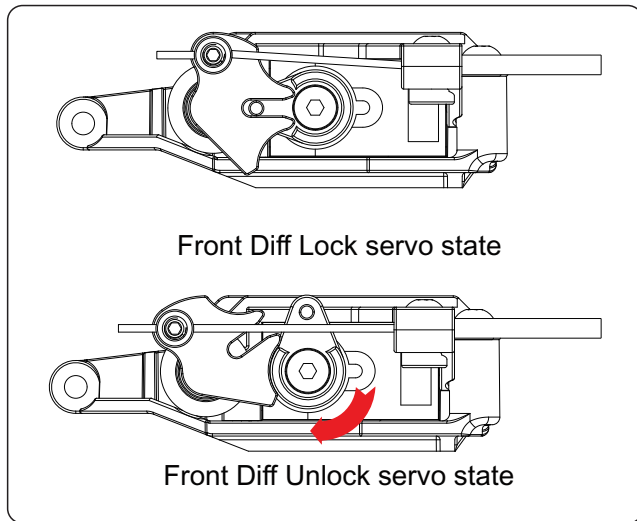
Operating the Transfer case:

1. The RAM 1500 can switch between three driving modes, 4WD, FWD and RWD, which are controlled by the fourth channel of the transmitter, and the driving mode can be selected according to different road conditions and vehicle states.

2. If you replace the servo or transmitter, adjust the servo parameters to match the positions shown in the figure. A 3 position switch is required for the channel shifting the transfer case. Set the EPA (End Point Adjustment) of the corresponding channel on the remote control to ensure smooth servo operation. Failure to adjust these parameters may cause the servo to experience continuous strain, leading to damage over time.



Operating the Diff Lock











1. The front and rear differential locks of the RAM 1500 are controlled by the fifth and sixth channels of the remote control, respectively.

2. In most driving situations, the differentials can be locked or unlocked at any time. If there is a large speed difference between the left and right tires, release the throttle before engaging the lock to prevent damage. Keeping both differentials unlocked during normal driving provides optimal steering, the smallest turning radius, and reduces stress on drivetrain components. Use the differential lock when wheel slip or obstacles require additional traction.

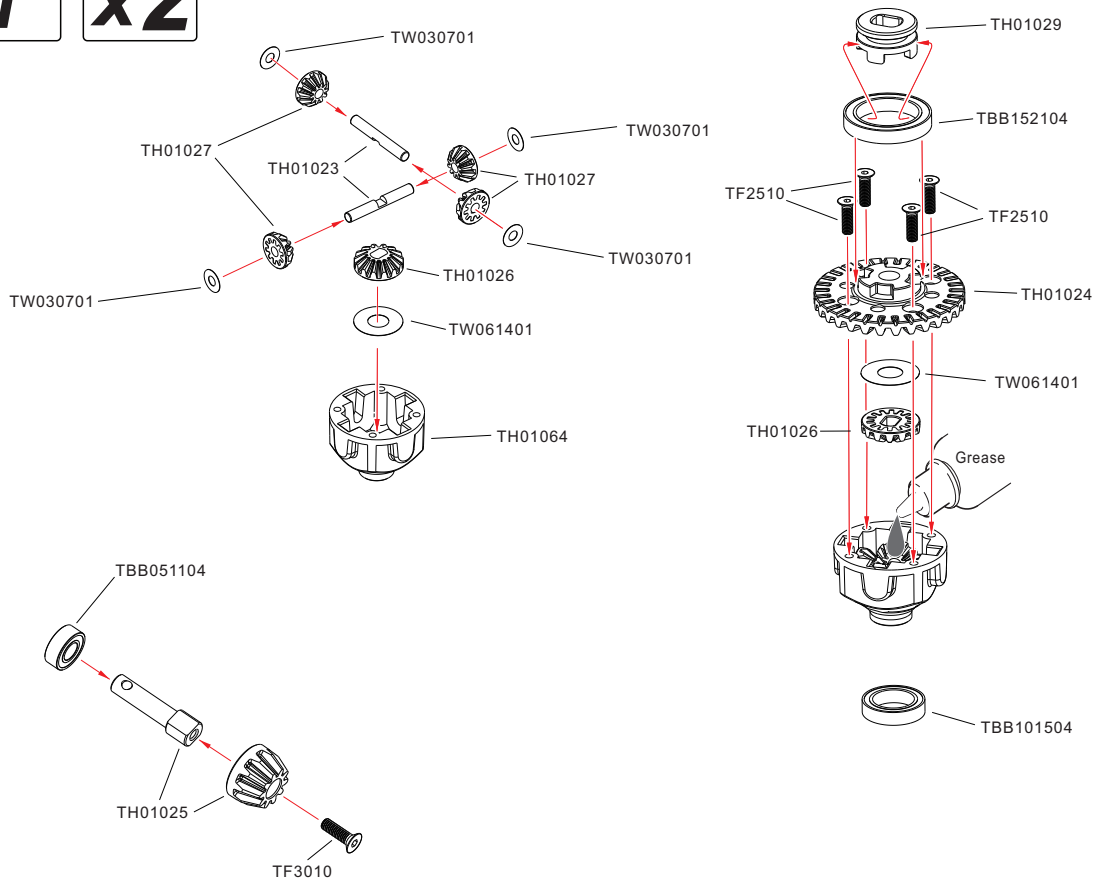
3. If you replace a servo or transmitter, adjust the EPA (End Point Adjustment) of the corresponding channel on the remote control to match the differential servo positions. This ensures smooth operation and prevents damage from continuous strain on the servo.

Maintenance

| Battery Packs Run | Maintenance |
|-------------------|---|
| Every 1-2 Packs | <ul style="list-style-type: none"> o Inspect and tighten all screws and wheel bolts o Check for damage (chassis, suspension, body) o Clean off dirt and debris (soft brush or compressed air) o Wipe down shocks and drive shafts o Inspect tires for cuts or damage o Check throttle and steering control for smooth function o Lightly lubricate moving joints with WD-40 or light oil |
| Every 5 Packs | <ul style="list-style-type: none"> o Remove wheels, inspect wheel hubs and pins o Check shocks for leaks or physical damage o Inspect suspension arms, hinge pins, and links for wear o Clean and inspect drivetrain for dirt or binding o Re-grease exposed drive cups and universals |
| Every 10 Packs | <ul style="list-style-type: none"> o Check motor mount screws and pinion gear mesh o Check servo horn tightness o Inspect ball joints and steering linkages for excessive play o Test all transmission and diff lock shifting servos; inspect servo endpoint o Inspect LiPo connectors for wear, corrosion, or looseness o Replace shock oil (or sooner if oil looks dirty or handling worsens) |
| Every 15-20 Packs | <ul style="list-style-type: none"> o Inspect and clean all gears (spur, pinion, diff input, center gear) o Re-lubricate drivetrain gears o Replace shock oil (or sooner if oil looks dirty or handling worsens) o Replace differential oil o Inspect and clean bearings throughout chassis o Monitor ESC and motor for thermal wear o Inspect chassis and mounts for cracks or fatigue |
| As Needed | <ul style="list-style-type: none"> o Replace tires, foam inserts, or stripped screws o Replace spur/pinion gear if chipped o Replace weak or jittery servos o Replace puffed or unbalanced Li-Po |

-  **TF2510** M2.5×10mm **x8**
-  **TF3010** M3×10mm **x2**
-  **TW030701** Washer 5×11×4mm **x2**
-  **TW061401** Washer 6×14×0.1mm **x2**
-  **TW070301** Washer 7×3×0.1mm **x4**
-  **TH01207** Washer 4×7×2.1mm **x4**
-  **TRD10010** O-ring D10×1mm **x4**
-  **TRD14501** O-ring D14.5×1mm **x2**

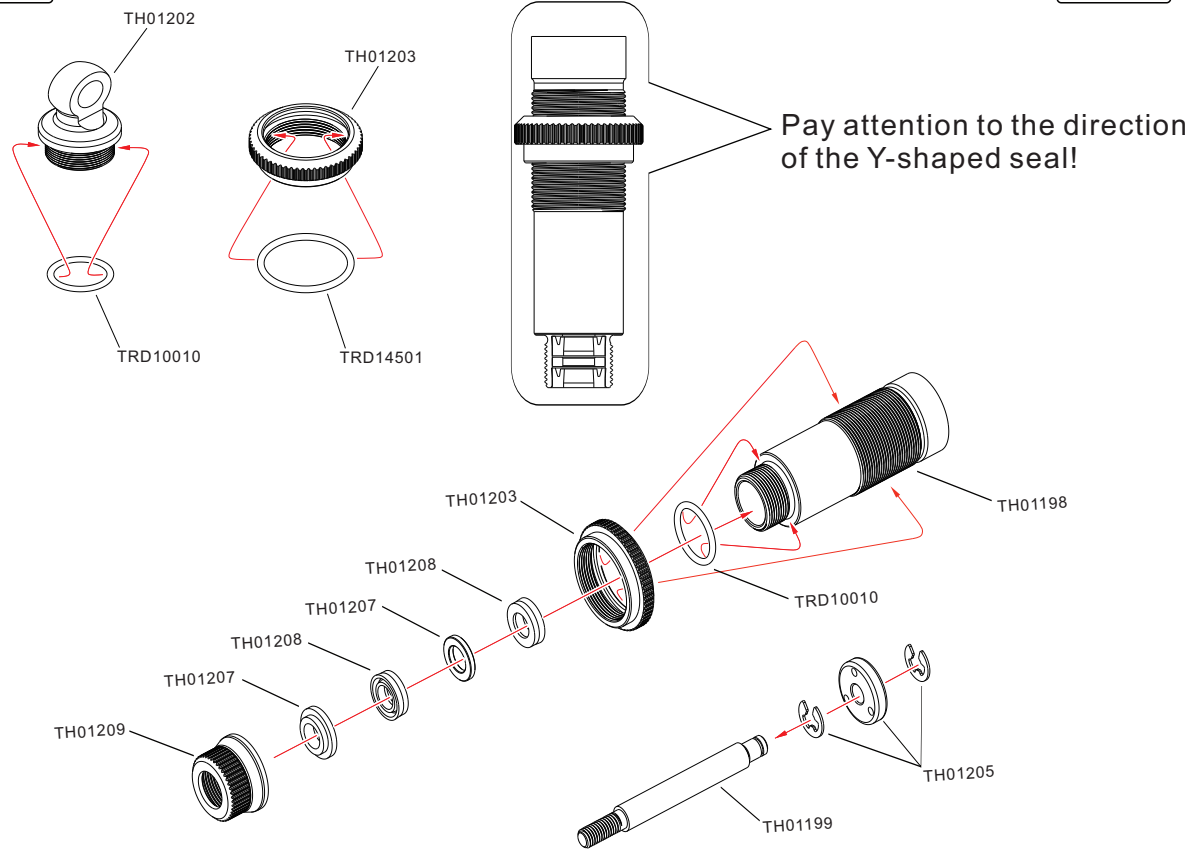
1 **x2**



-  **TW061401** Washer 6×14×0.1mm **x2**
-  **TW070301** Washer 7×3×0.1mm **x4**
-  **TH01208** Washer 4×7×2.1mm **x4**
-  **TRD10010** O-ring D10×1mm **x4**
-  **TRD14501** O-ring D14.5×1mm **x2**

2

Front shock absorber **x2**



3

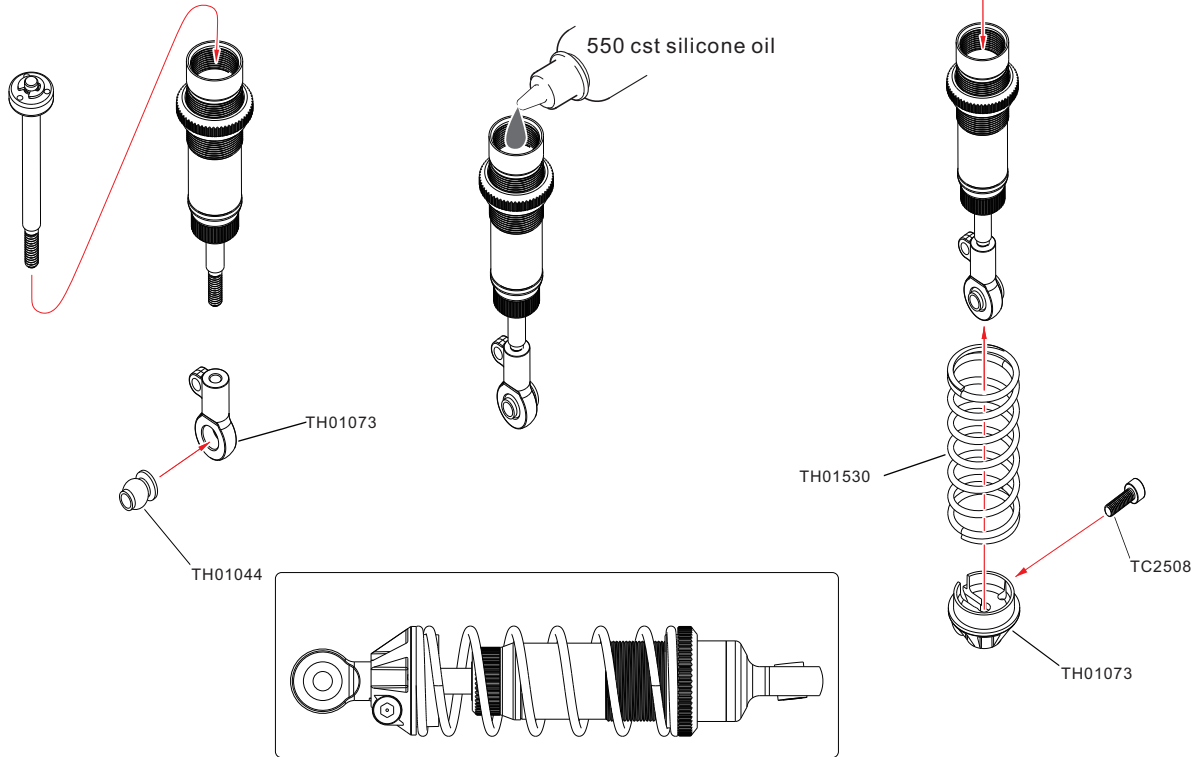
x2

Front shock absorber



TC2508
M2.5x8mm

x2



4

Rear shock absorber

x2



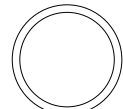
TH01208
Bearing 4x7x2.1mm

x4



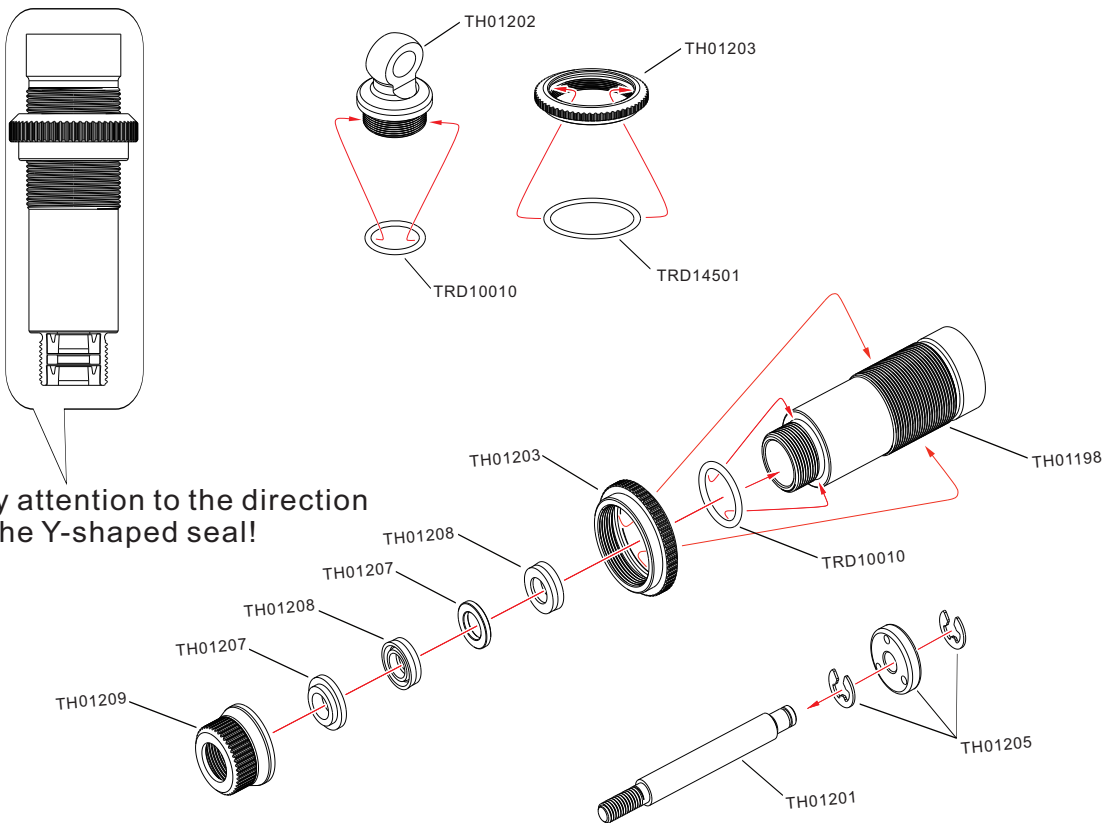
TRD10010
O-ring D10x1mm

x4



TRD14501
O-ring D14.5x1mm

x2



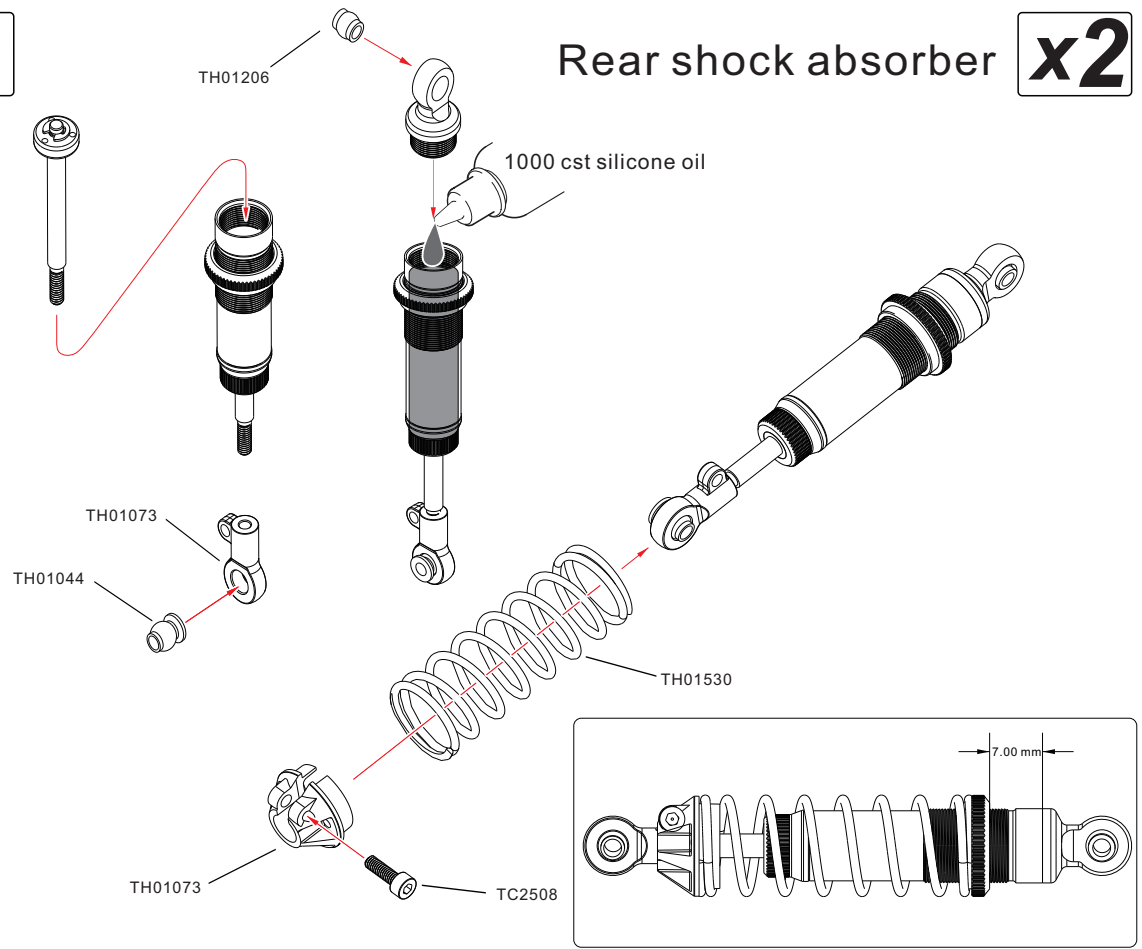
Pay attention to the direction of the Y-shaped seal!

TC2508
M2.5x8mm

x2

5

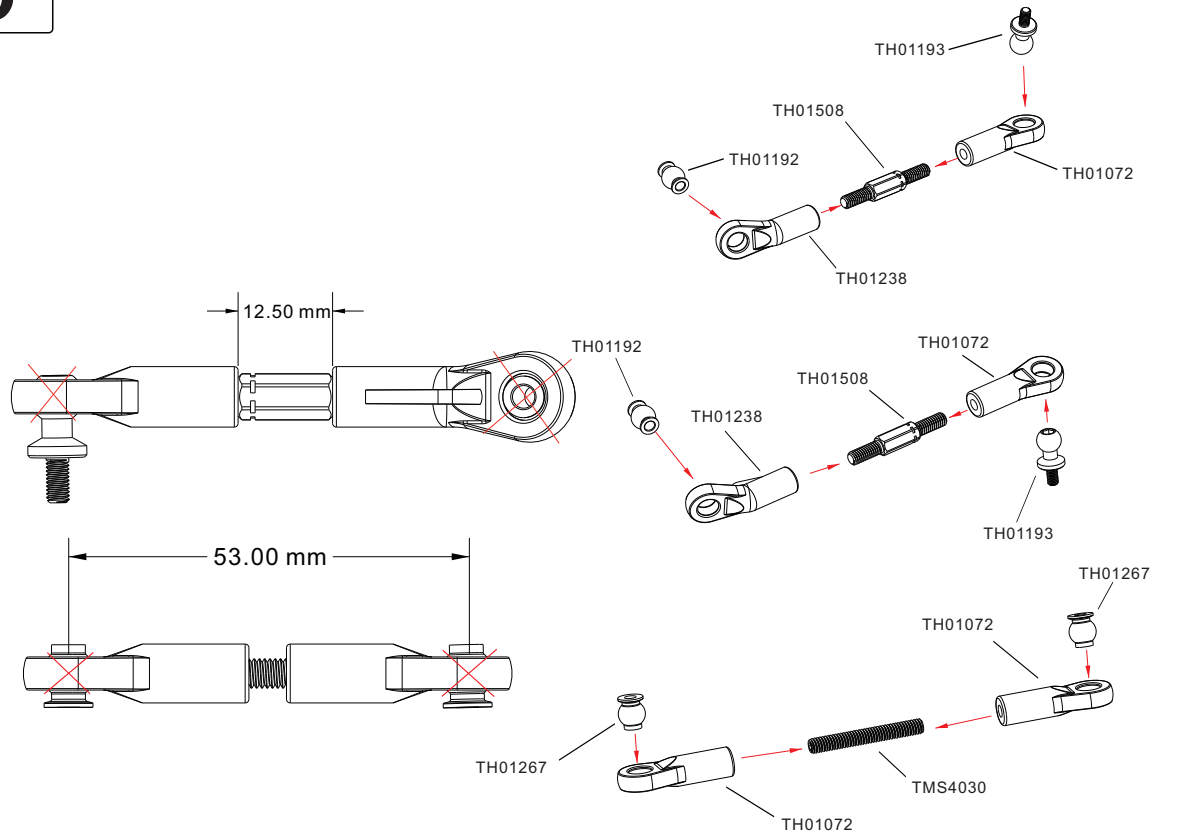
Rear shock absorber x2




6


TMS4030
M4x30 Set Screw


x1




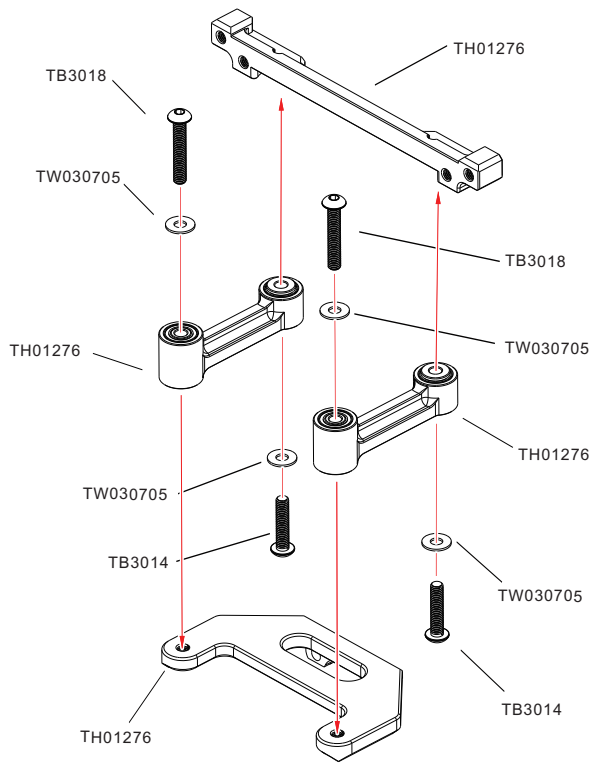
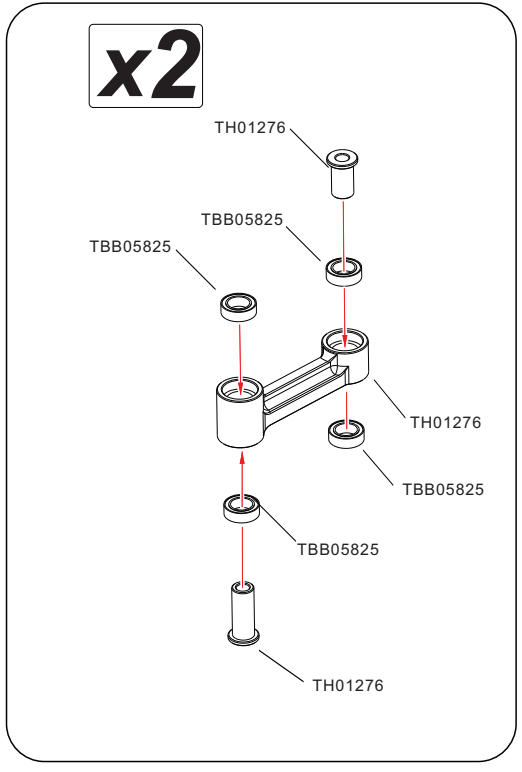
 **TBB05825** **x8**
Bearing 5x8x2.5mm

 **TW030705** **x4**
Washer 3x7x0.5mm


 **TB3014** **x2**
M3x14mm

 **TB3018** **x2**
M3x18mm

7 




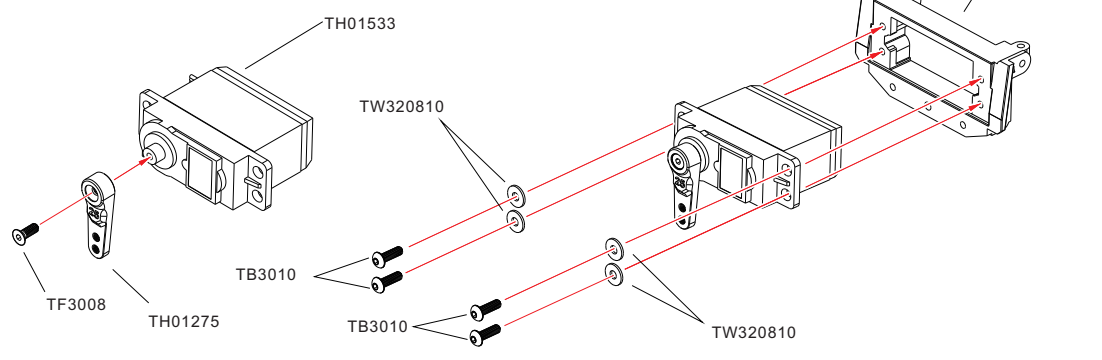
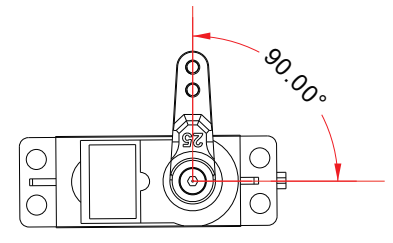
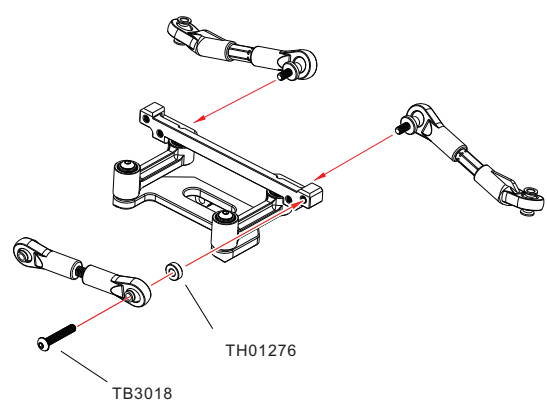
 **TF3008** **x1**
M3x8mm

 **TB3010** **x4**
M3x10mm

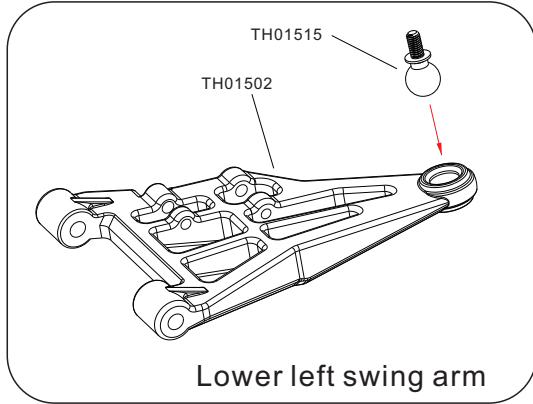
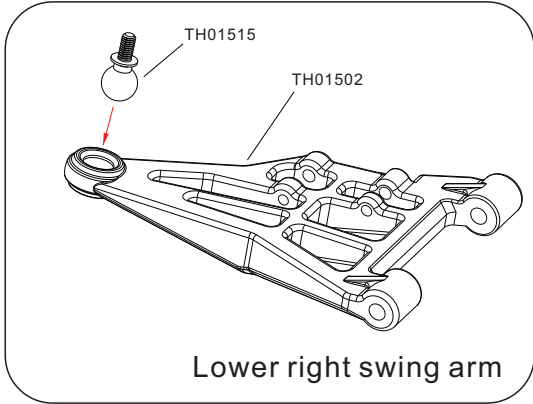
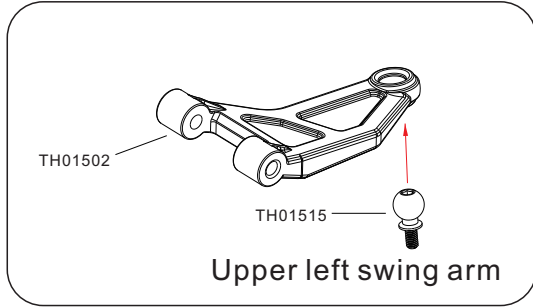
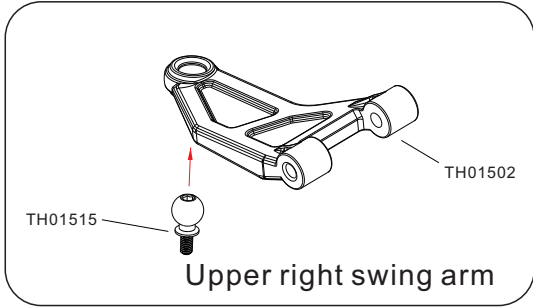
 **TB3018** **x1**
M3x18mm

 **TW320810** **x4**
Washer 3.2x8x10mm

8 



9

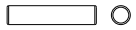


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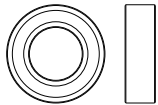
L/R



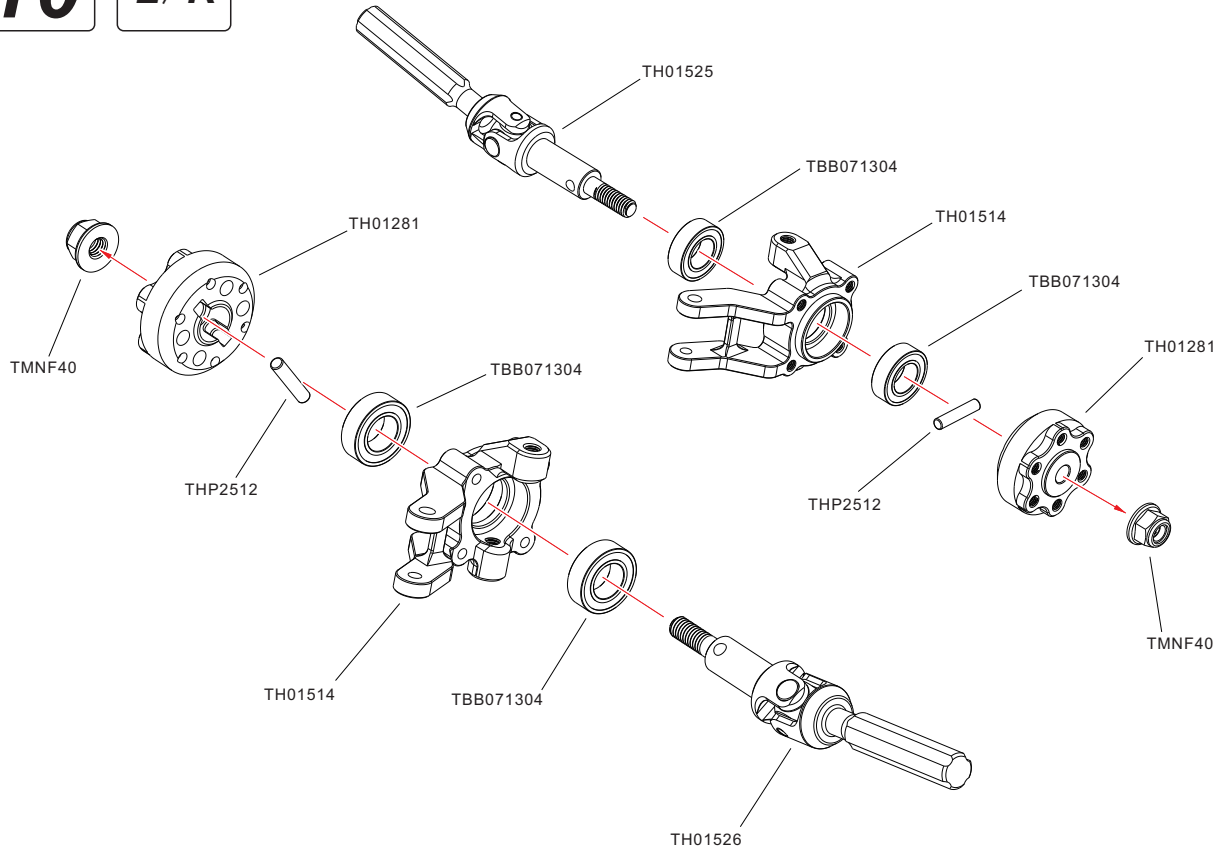
TMNF40 M4 Flange Nylon Nut x2



THP2512 Pin 2.5x12mm x2



TBB071304 Bearing 7x13x4mm x4



11



TC3018
M3x18mm

x4



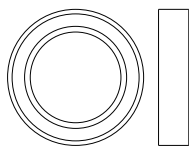
TME70
E-Clip 7mm

x2



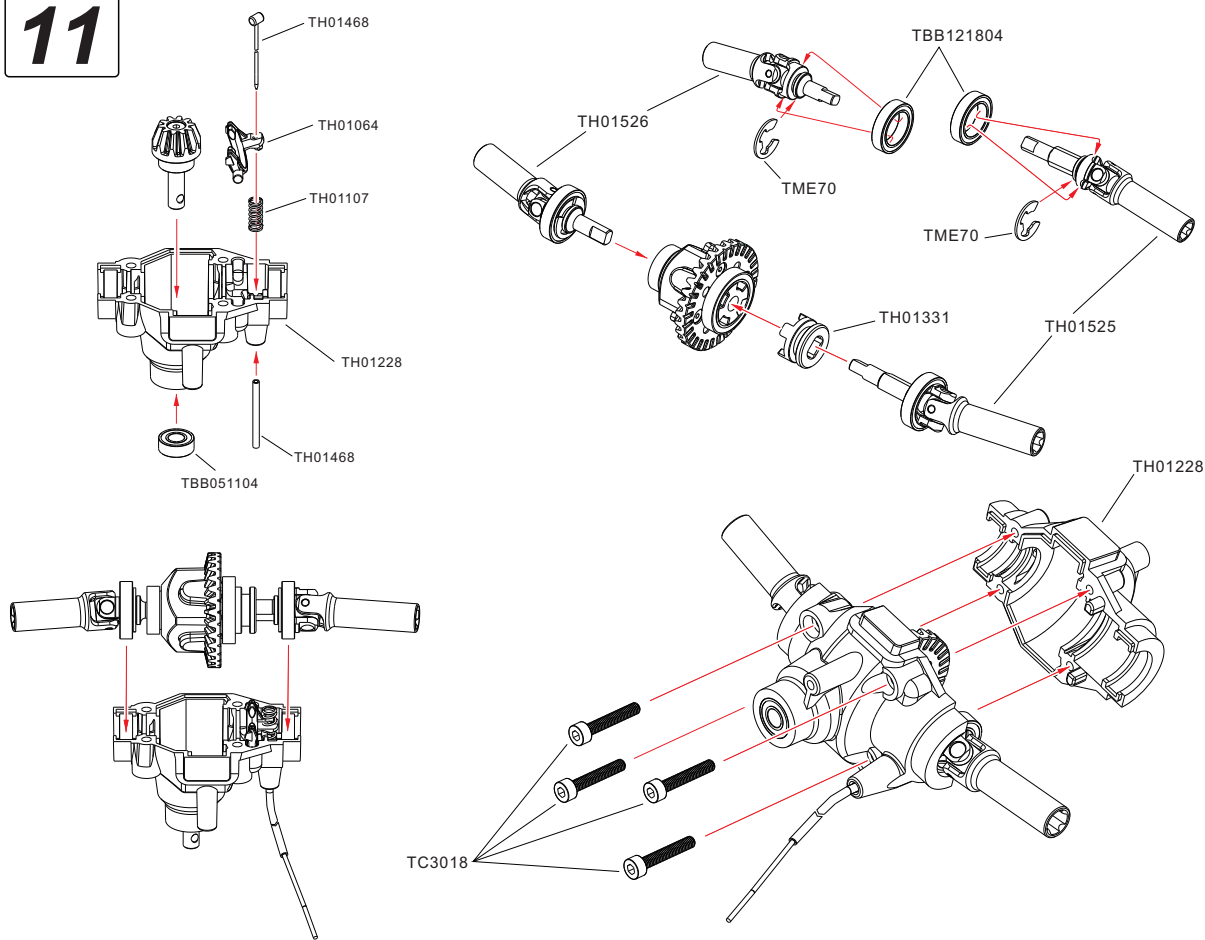
TBB051104
Bearing 5x11x4mm

x1



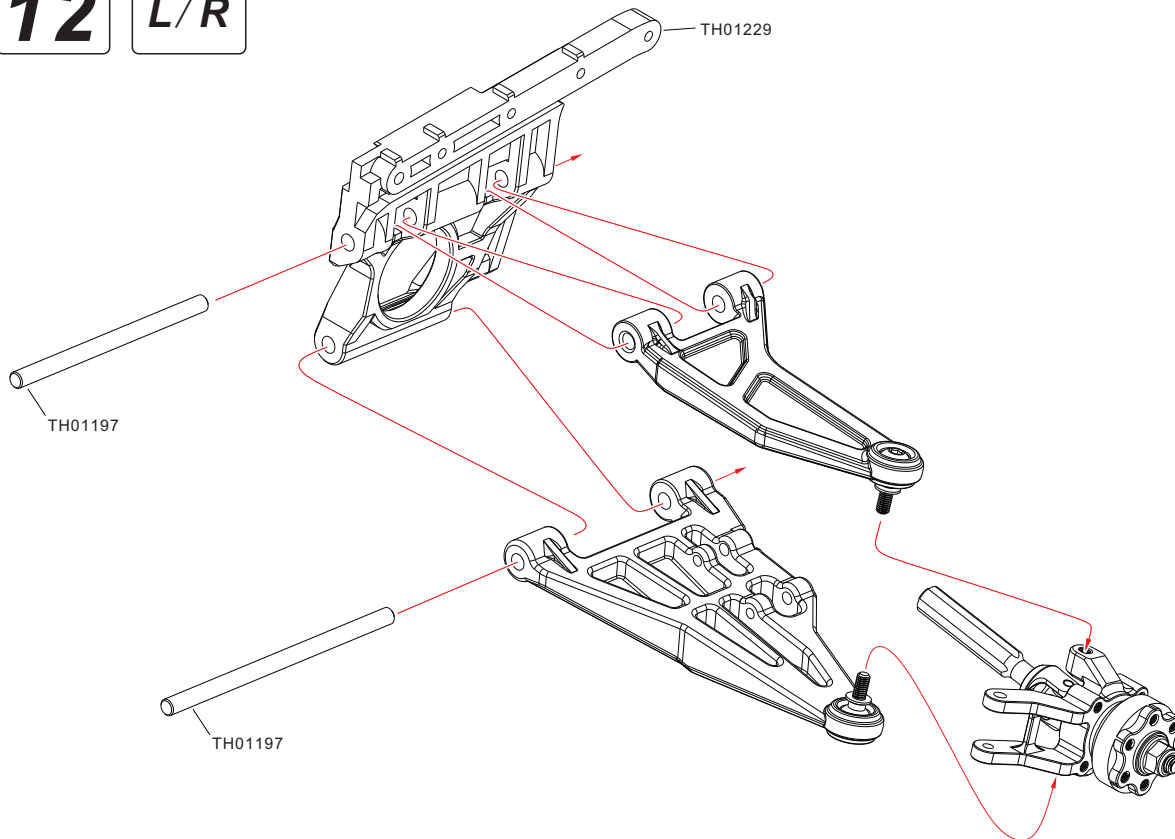
TBB121804
Bearing 12x18x4mm

x2

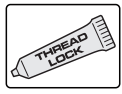







12

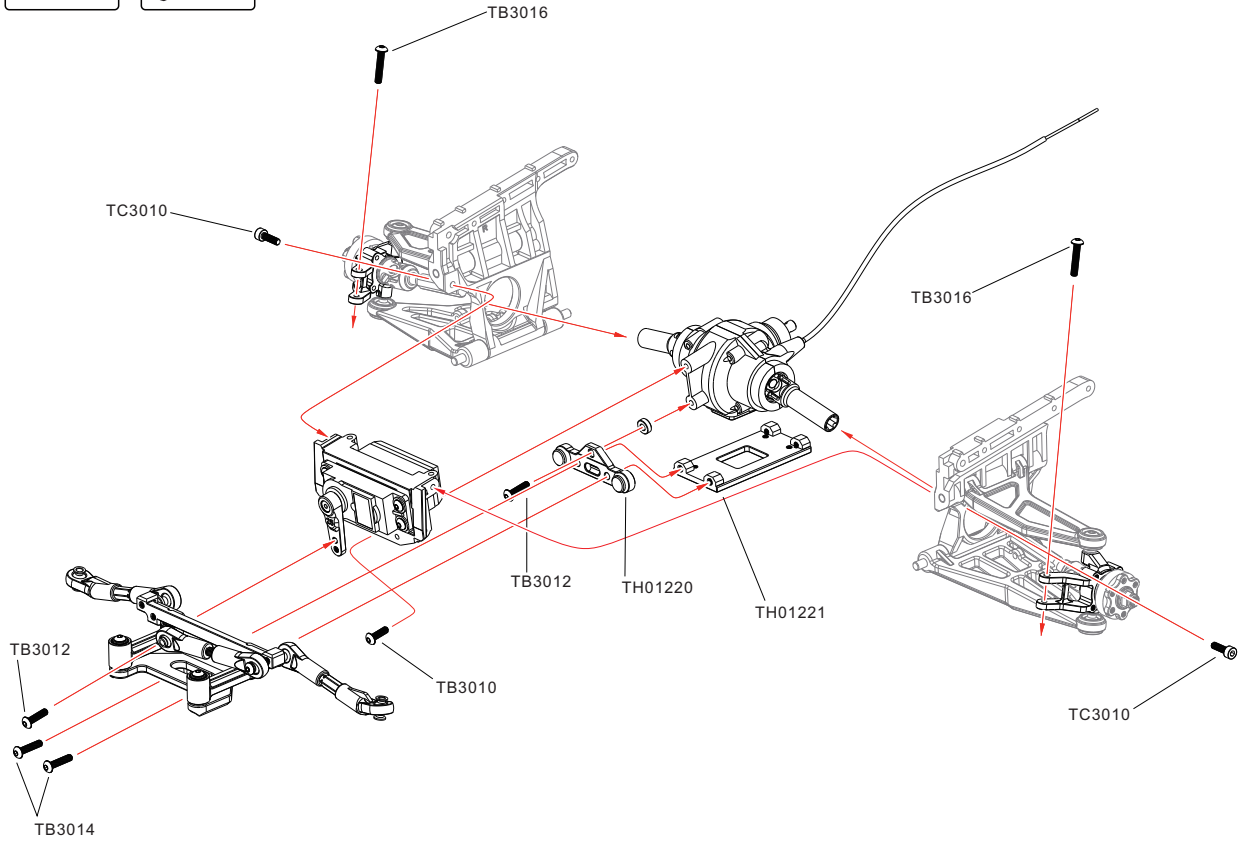
L/R



13





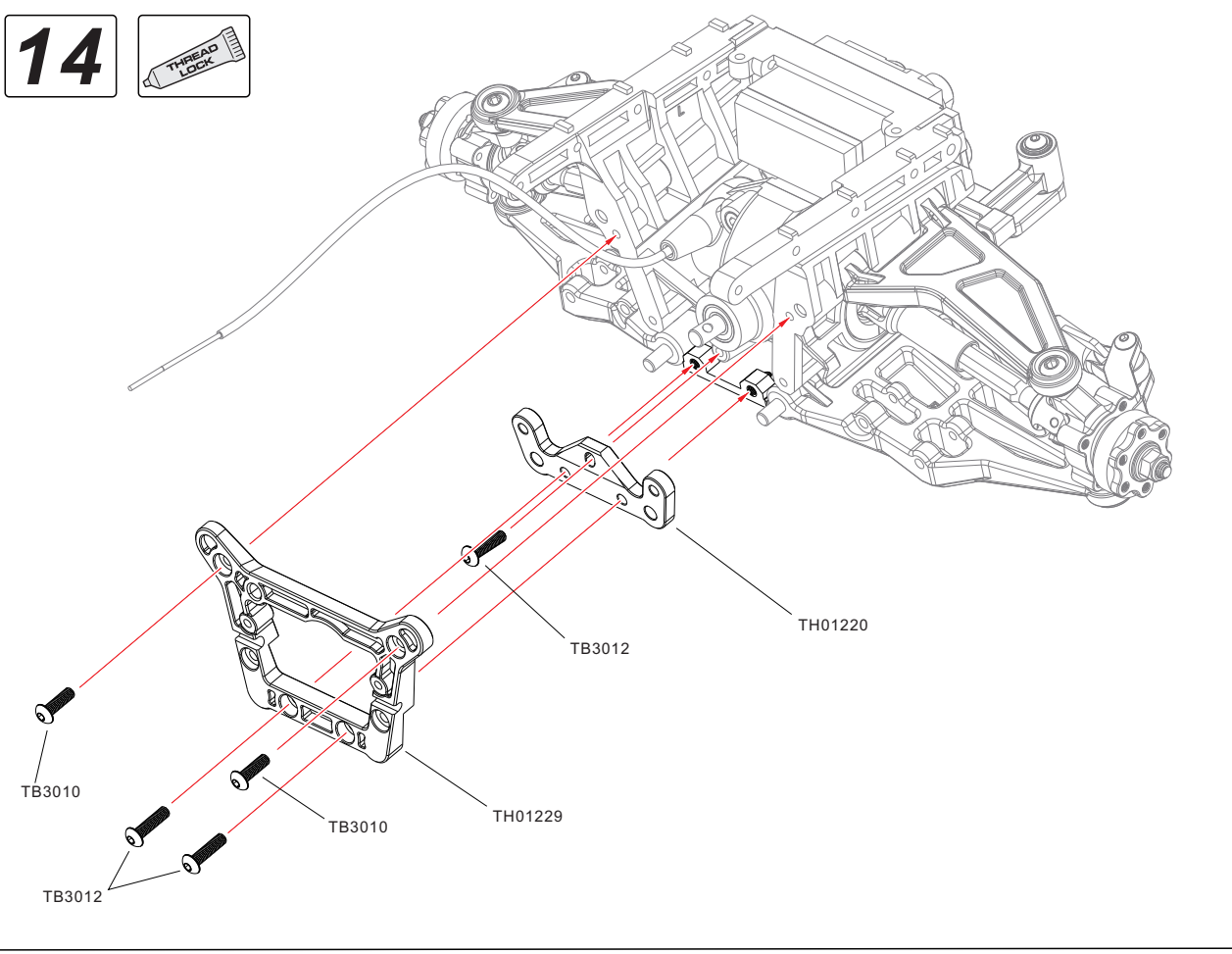
-  TC3010 x2
M3×10mm
-  TB3010 x1
M3×10mm
-  TB3012 x2
M3×12mm
-  TB3014 x2
M3×14mm
-  TB3016 x2
M3×16mm



14



-  TB3010 x2
M3×10mm
-  TB3012 x3
M3×12mm



15



TMS3003
M3x3 Set Screw

x2

TB3010
M3x10mm

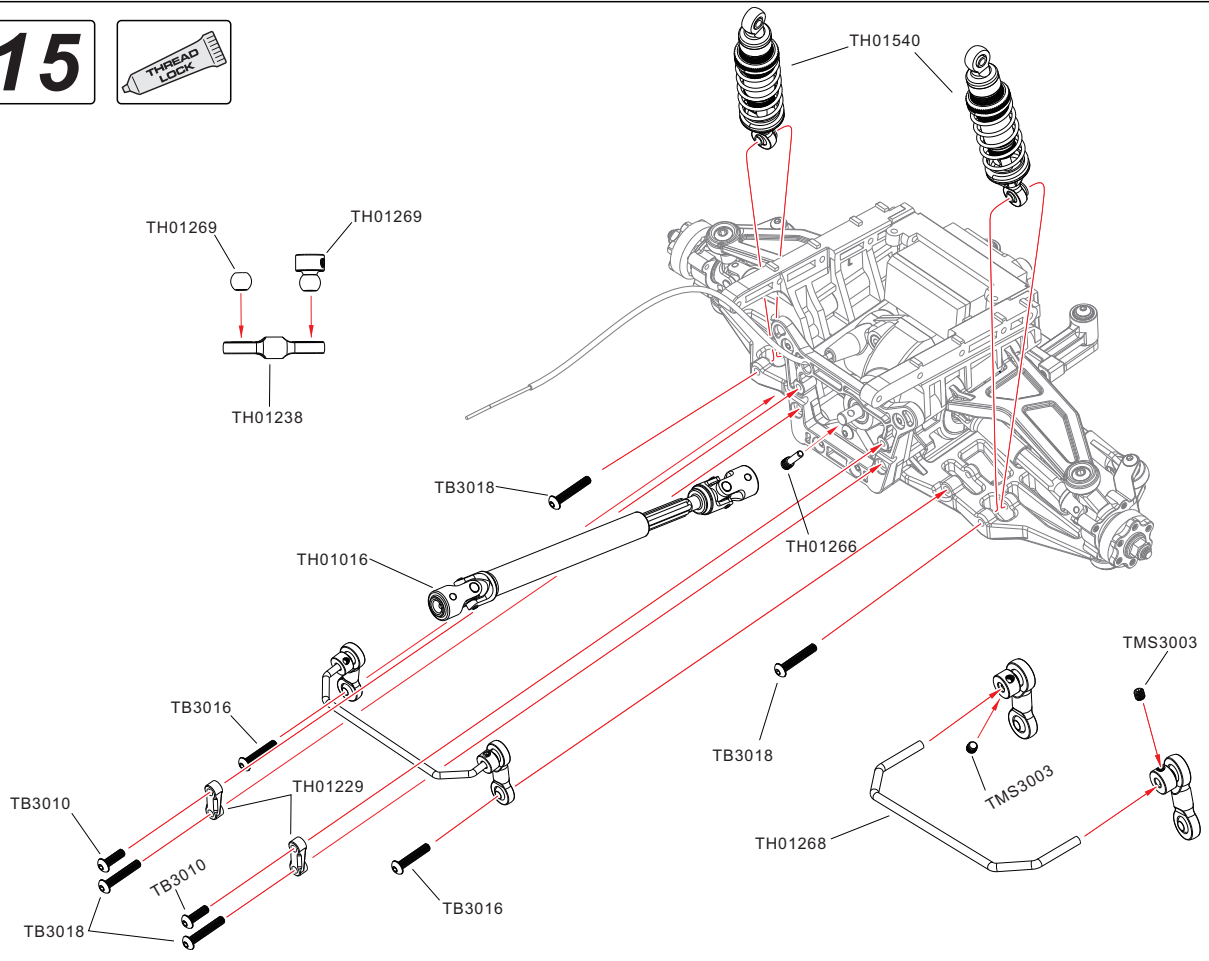
x2

TB3016
M3x16mm

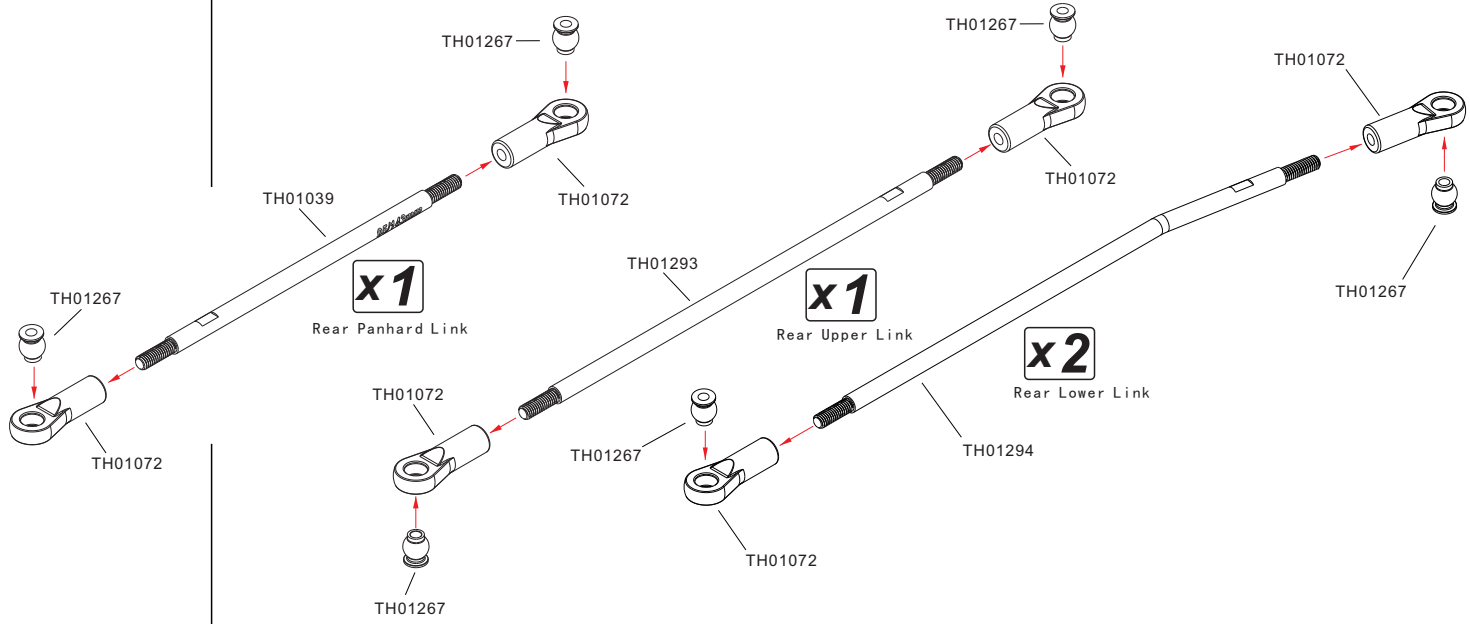
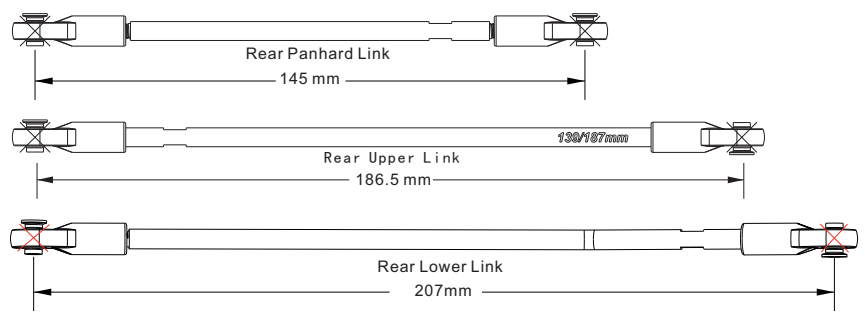
x2






TB3018
M3x18mm

x4



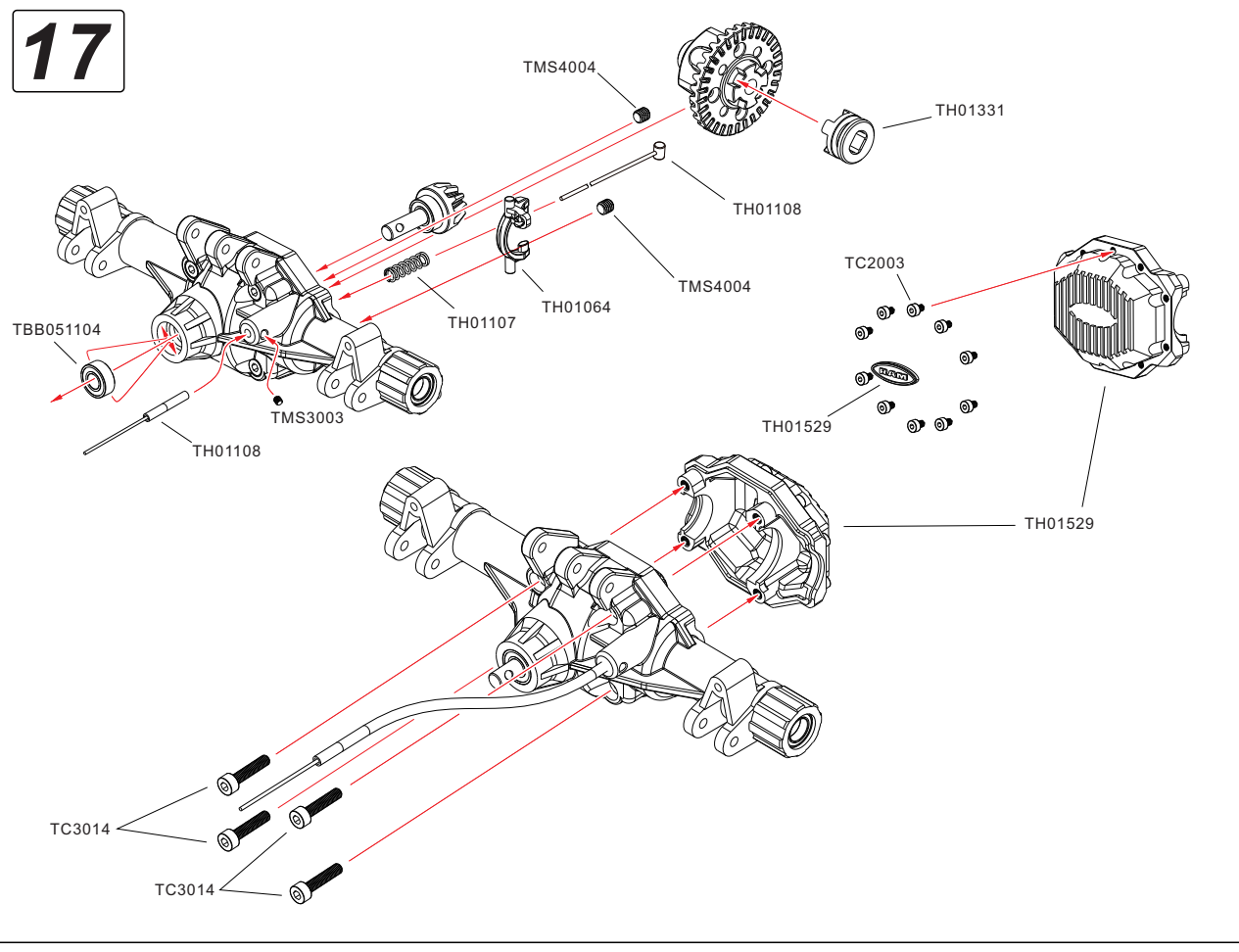
16



-  **TMS3003**
M3×3 Set Screw
-  **TMS4004**
M4×4 Set Screw
-  **TC2003**
M2×3mm
-  **TC3014**
M3×14mm
-  **TBB051104**
Bearing 5×11×4mm

- x1**
- x2**
- x10**
- x4**
- x1**

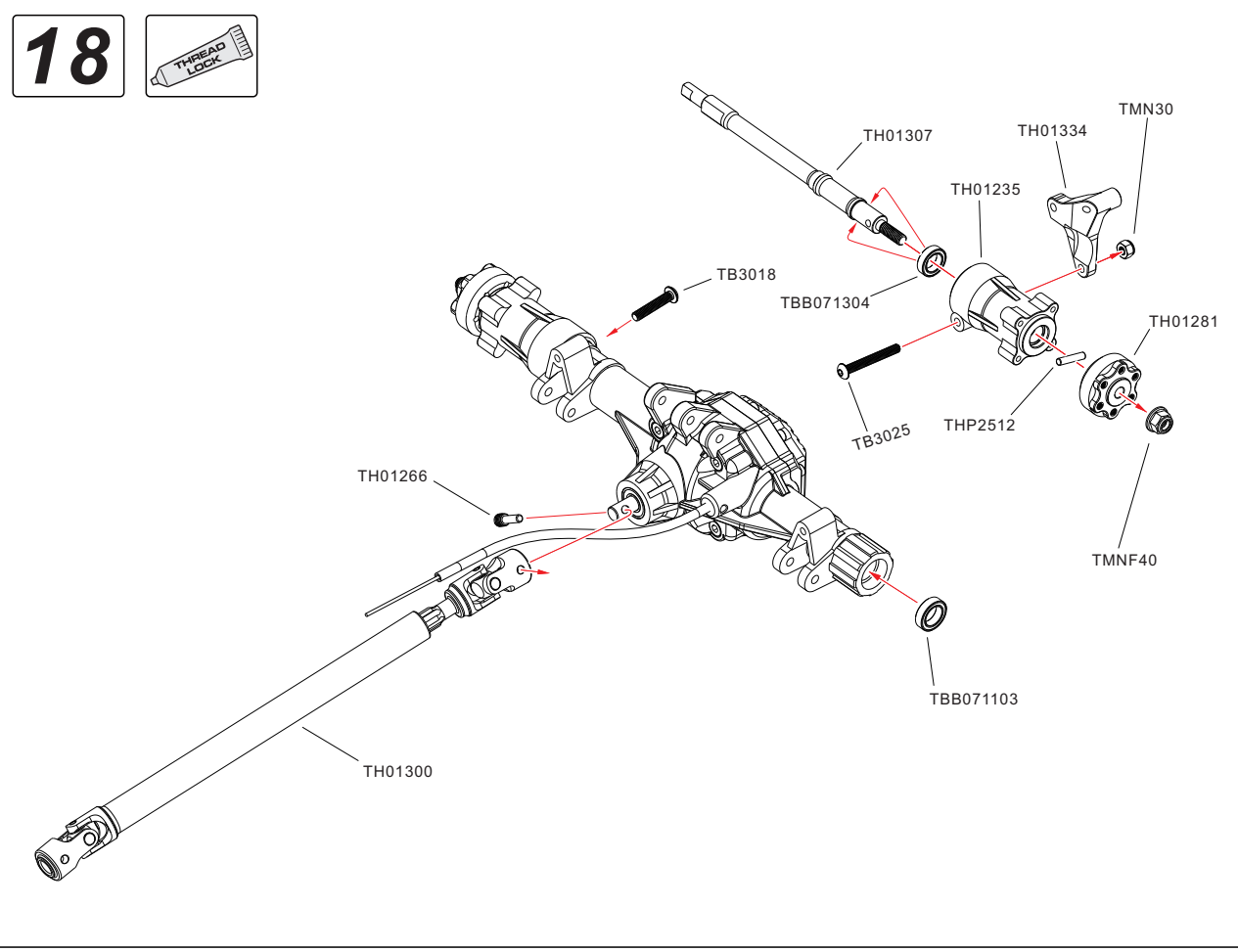
17



-  **TB3018**
M3×18mm
-  **TB3025**
M3×25mm
-  **TBB071103**
Bearing 5×11×3mm
-  **TBB071304**
Bearing 7×13×4mm
-  **THP2512**
Pin 5×11×4mm
-  **TMNF40**
M4 Flange Nylon Nut
-  **TMN30**
M3 Nylon Nut


- x1**
- x1**
- x2**
- x2**
- x2**
- x2**
- x1**

18



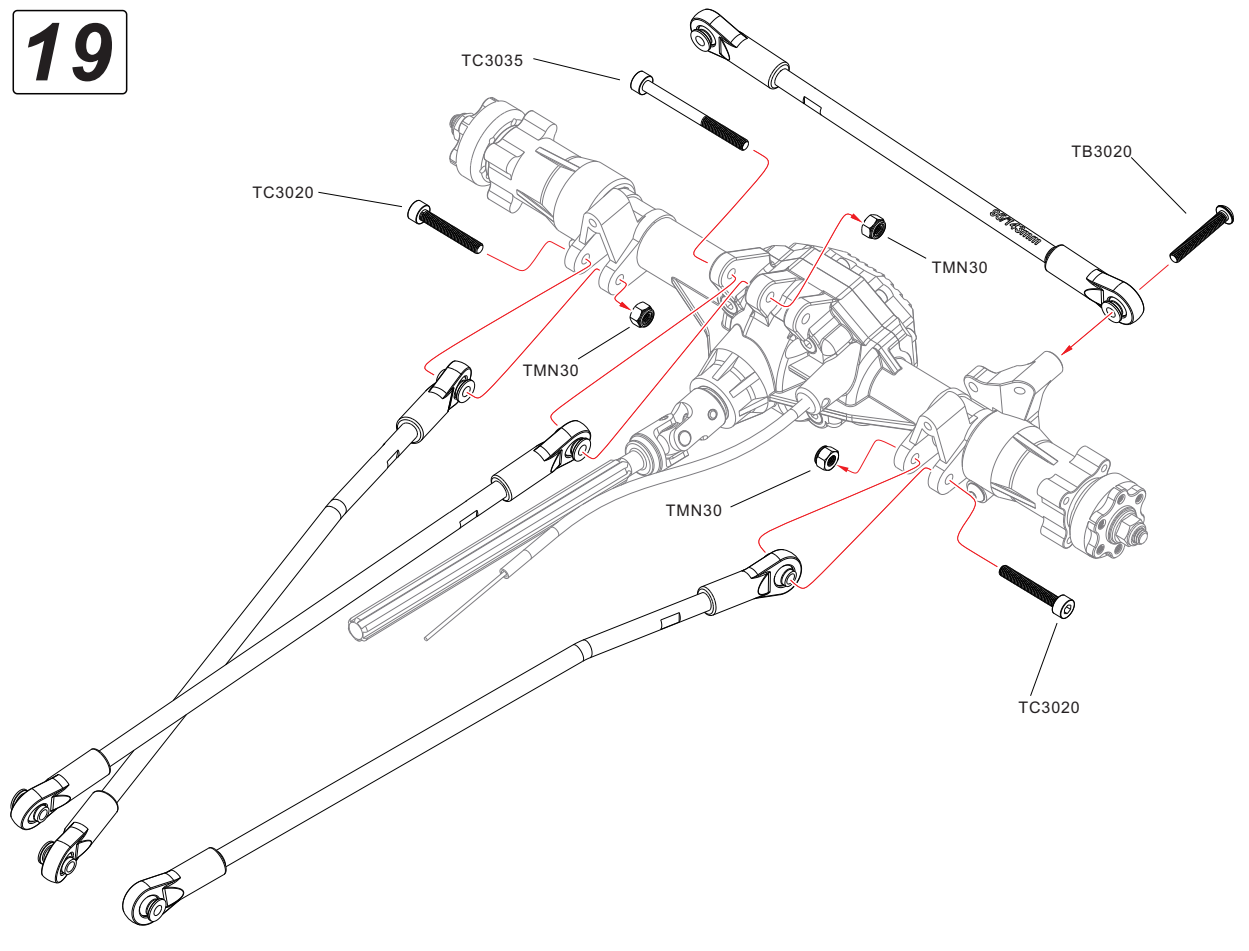
 **TB3020**
M3×20mm **x1**

 **TC3020**
M3×20mm **x2**


 **TC3035**
M3×35mm **x1**

 **TMN30**
M3 Nylon nut **x3**

19

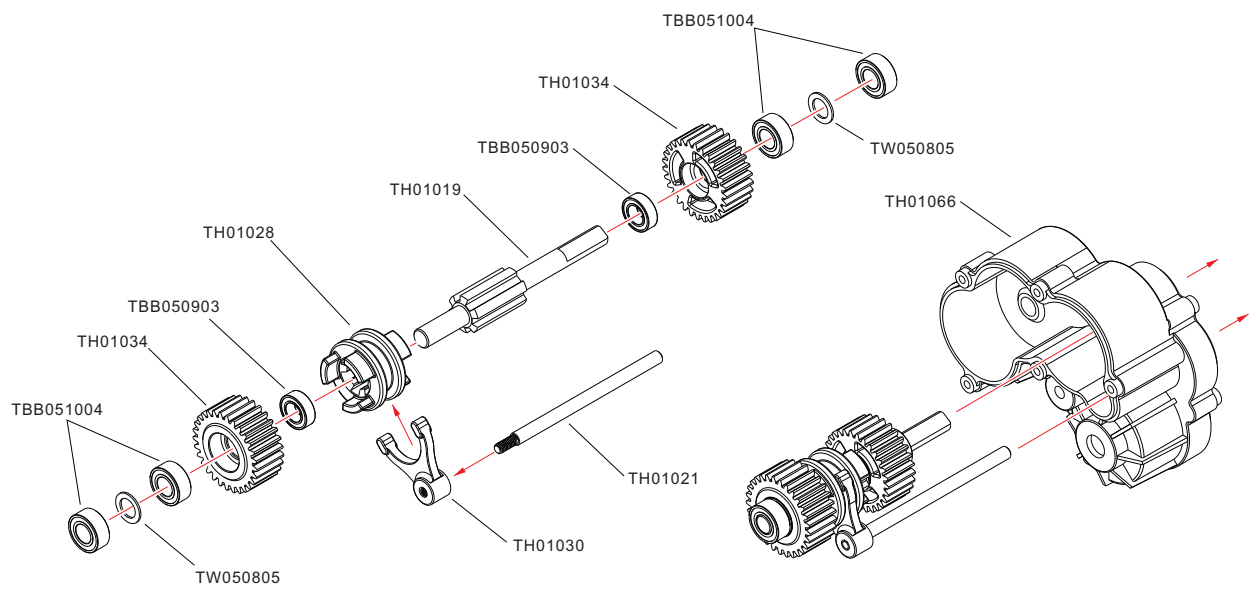
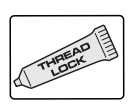


 **TBB050903**
Bearing 5×9×3mm **x2**








 **TBB051004**
Bearing 5×10×4mm **x4**

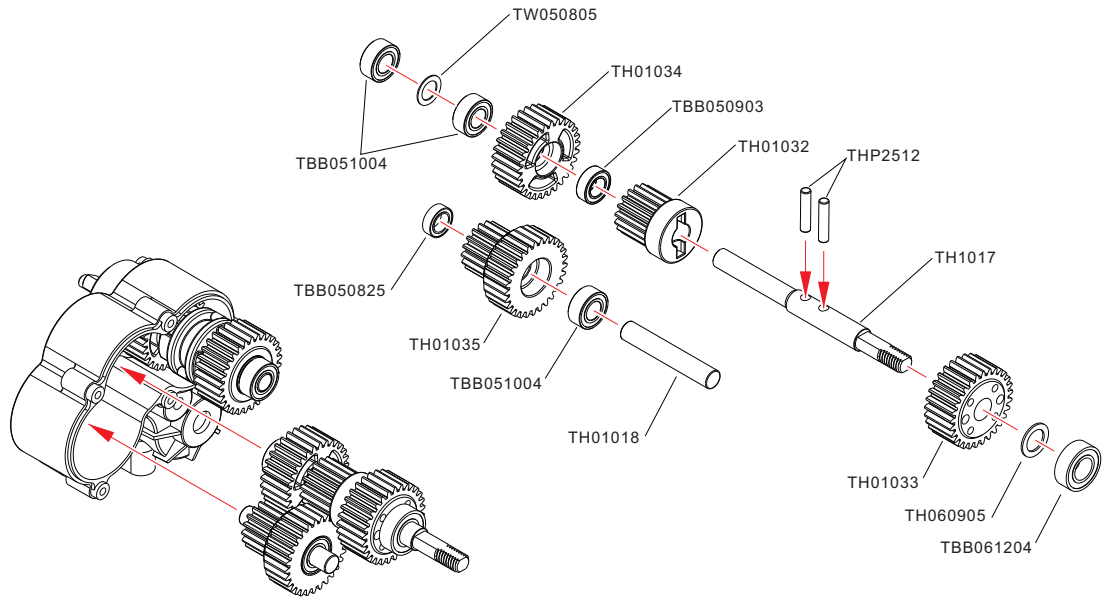
 **TW050805**
Washer 5×8×0.5mm **x2**

20





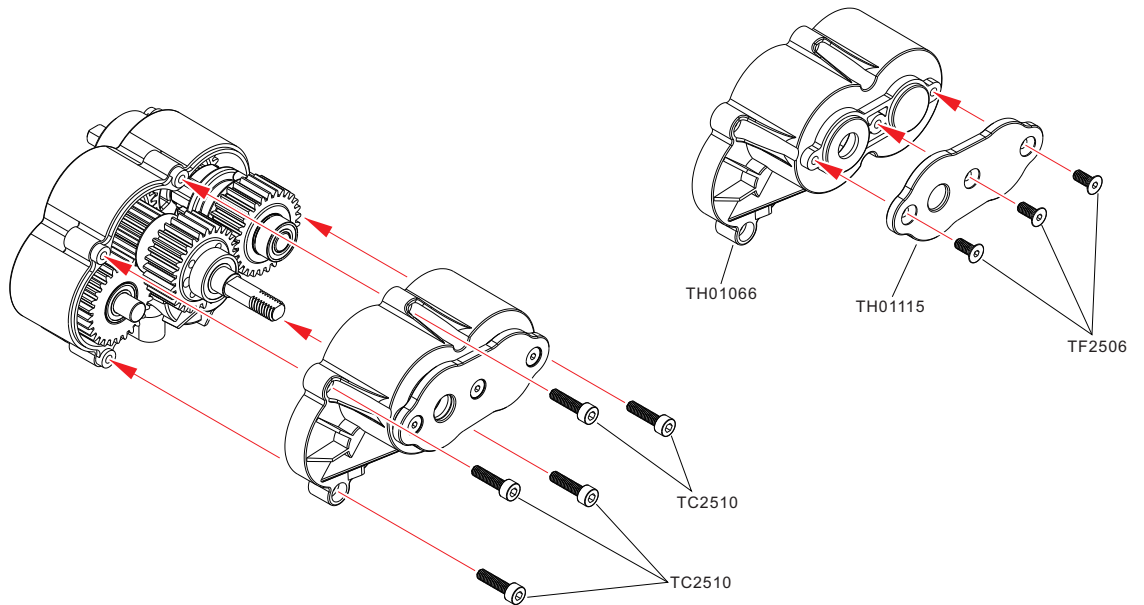
21

-  **TBB050825** x1
Bearing 5×8×2.5mm
-  **TBB050903** x1
Bearing 5×9×3mm
-  **TBB051004** x4
Bearing 5×10×4mm
-  **TBB061204** x1
Bearing 6×12×4mm
-  **TBB050805** x1
Washer 5×8×0.5mm
-  **TW060905** x1
Washer 6×9×0.5mm
-  **THP2512** x2
Pin 2.5×12mm





22

-  **TF2506** x3
M2.5×6mm
-  **TC2510** x5
M2.5×10mm




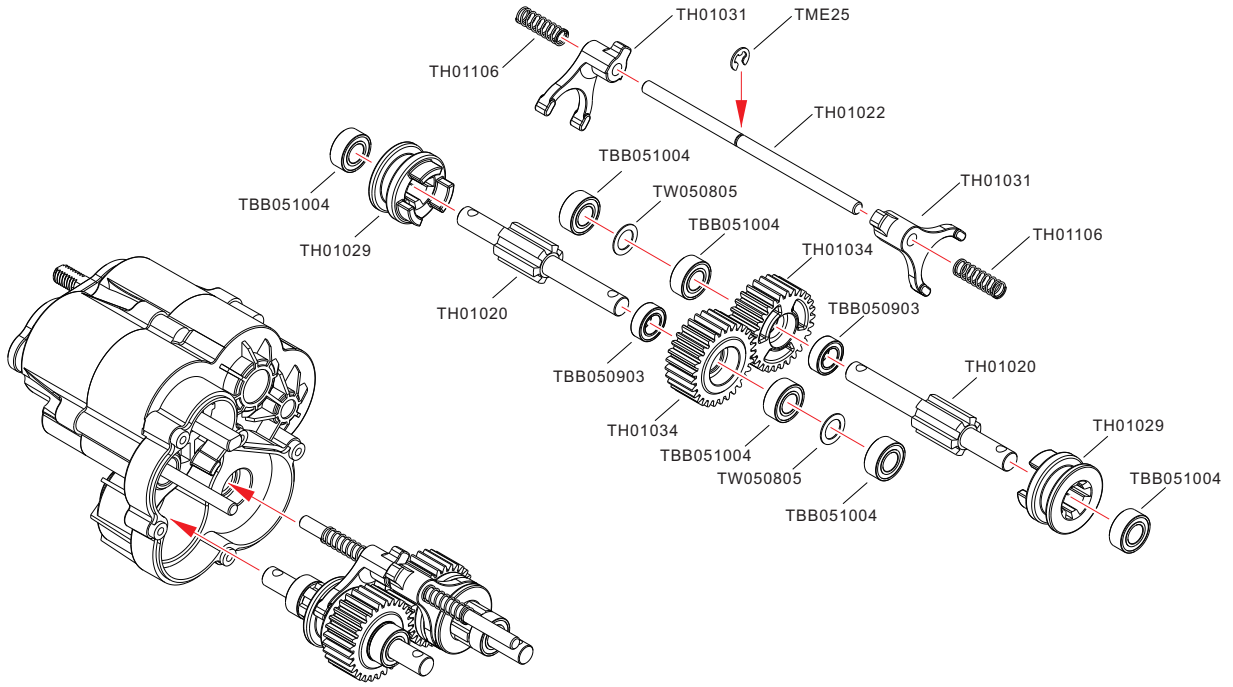
23


TBB050903 x2
 Bearing 5×9×3mm


TBB051004 x6
 Bearing 5×10×4mm



TW050805 x2
 Washer 5×8×0.5mm



TME25 x1
 E-Clip 2.5mm

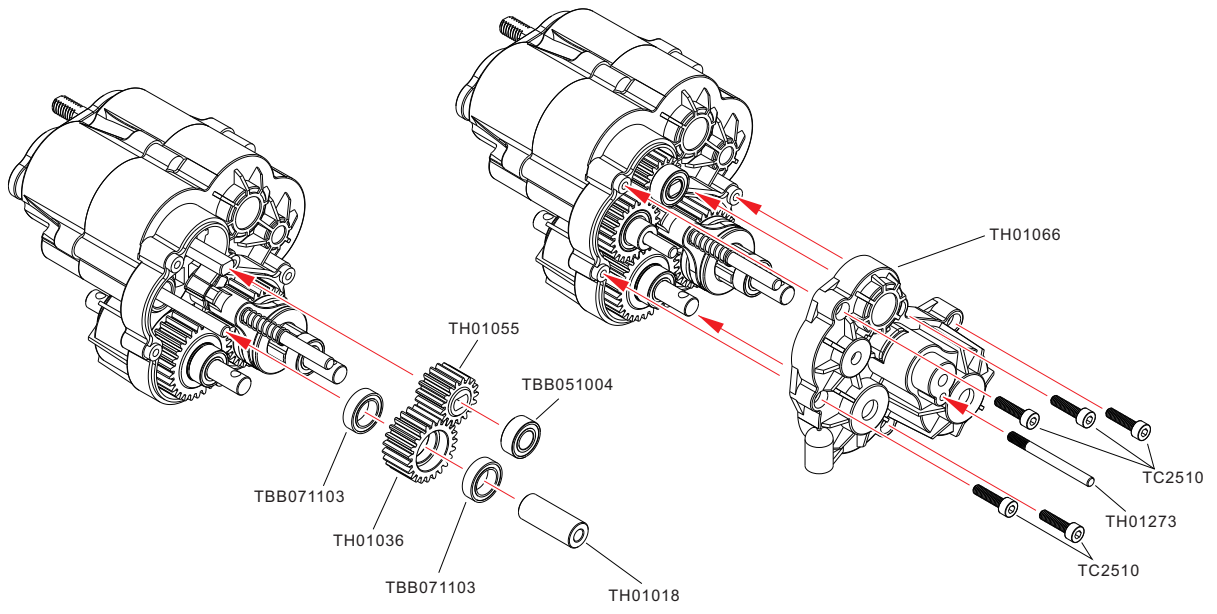


24


TC2510 x5
 M2.5×10mm


TBB051004 x1
 Bearing 5×10×4mm


TBB071103 x2
 Bearing 7×11×3mm



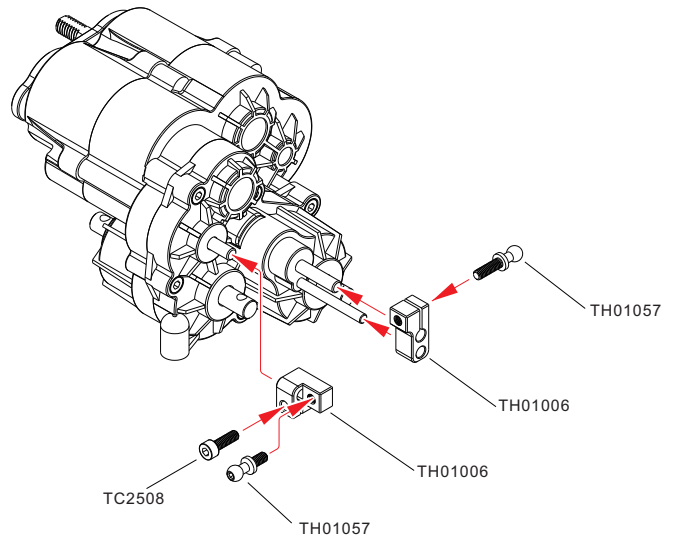
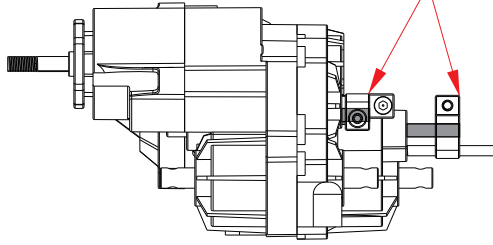
25

Two brake pads installed flush with the brake shaft end face.



TC2508
M2.5x8mm

x1

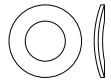


26

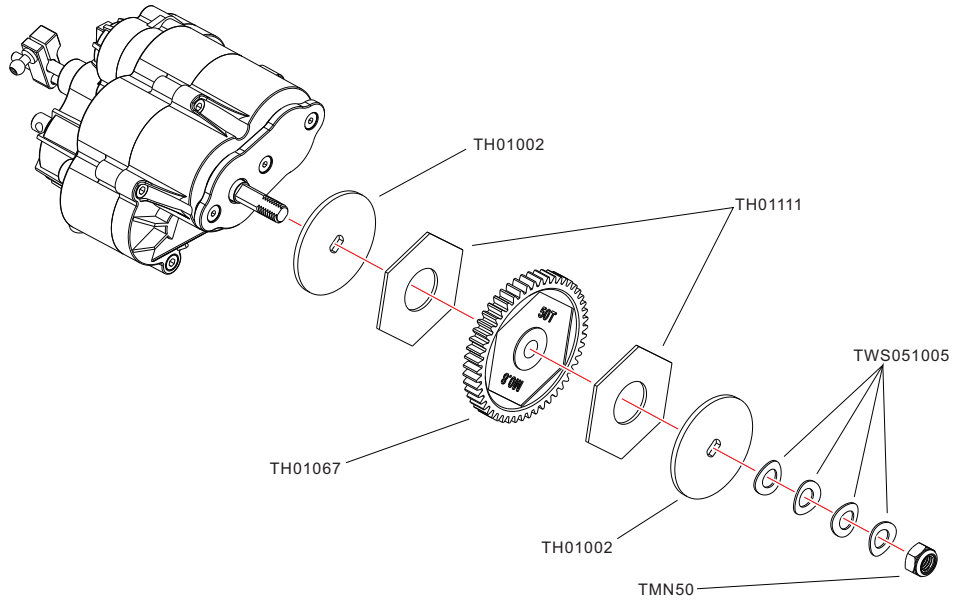


TMN50
M5 Nylon Nut

x1



TWS051005 x4
Spring Washer 5x10x0.5mm



27

Brushless Version

Brushed Version



TB3010
M3x10mm

x2



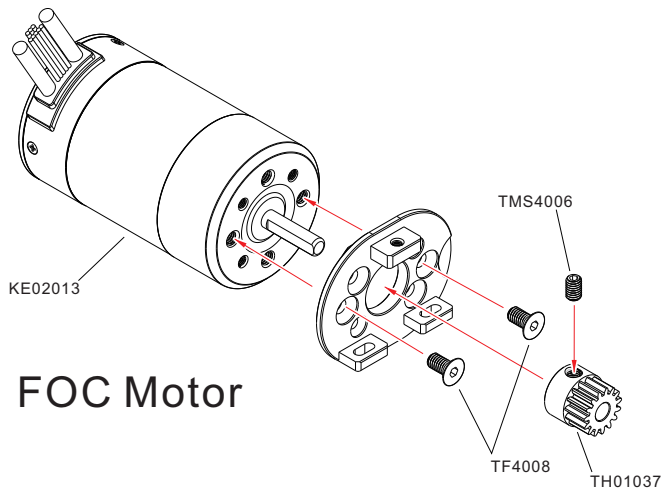
TF4008
M4x8mm

x2

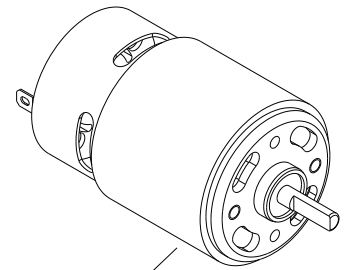


TMS4006
M4x6 Set screw

x1



FOC Motor



THE002

775 Motor

28



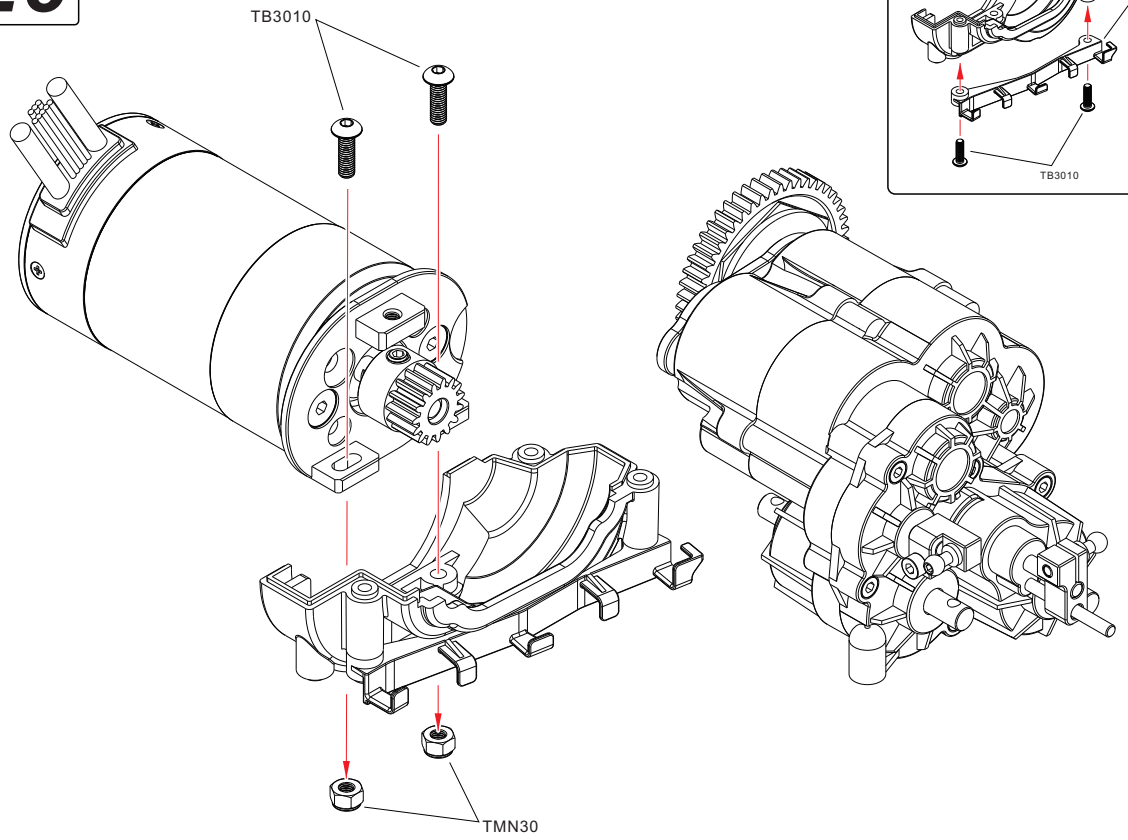
TMN30
M3 Nylon Nut

x2



TB3010
M3x10mm

x2



29



TB3008
M3x8mm

x3



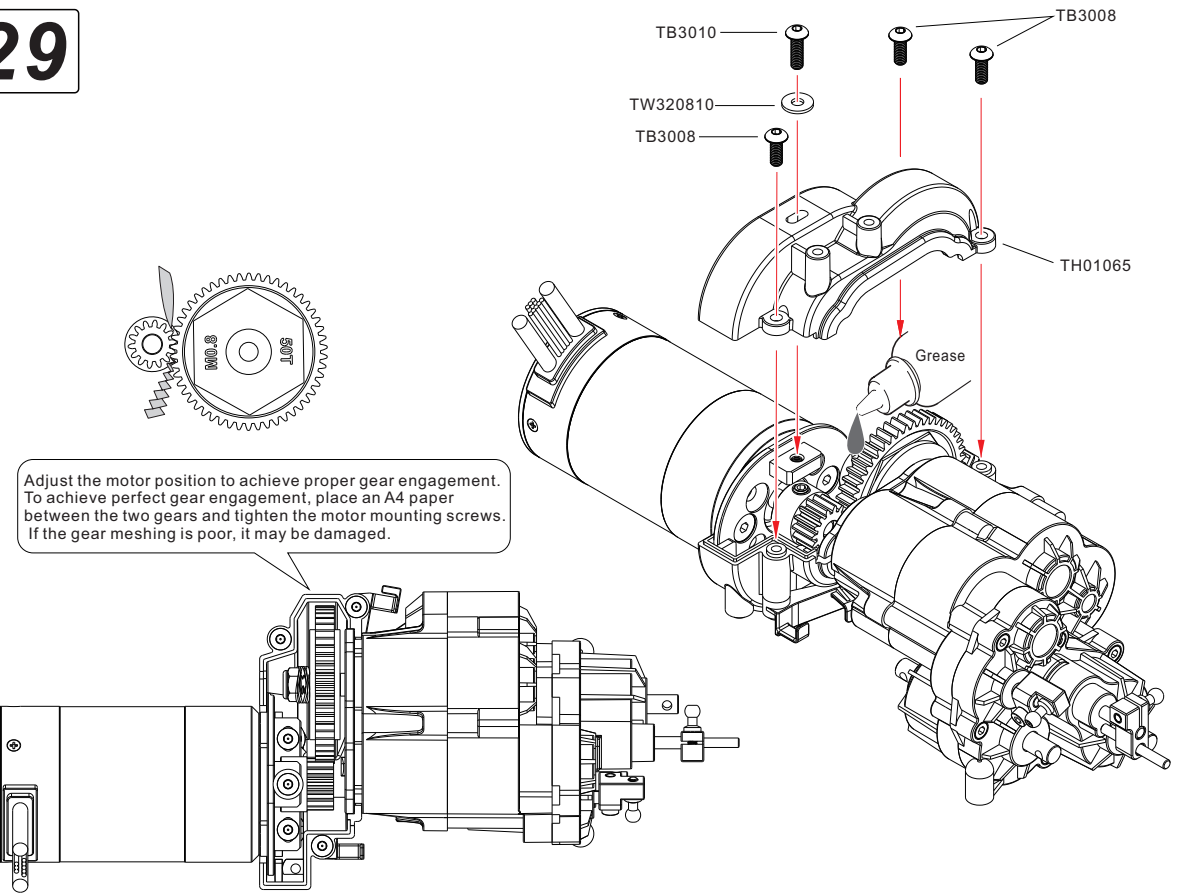
TB3010
M3x10mm

x1






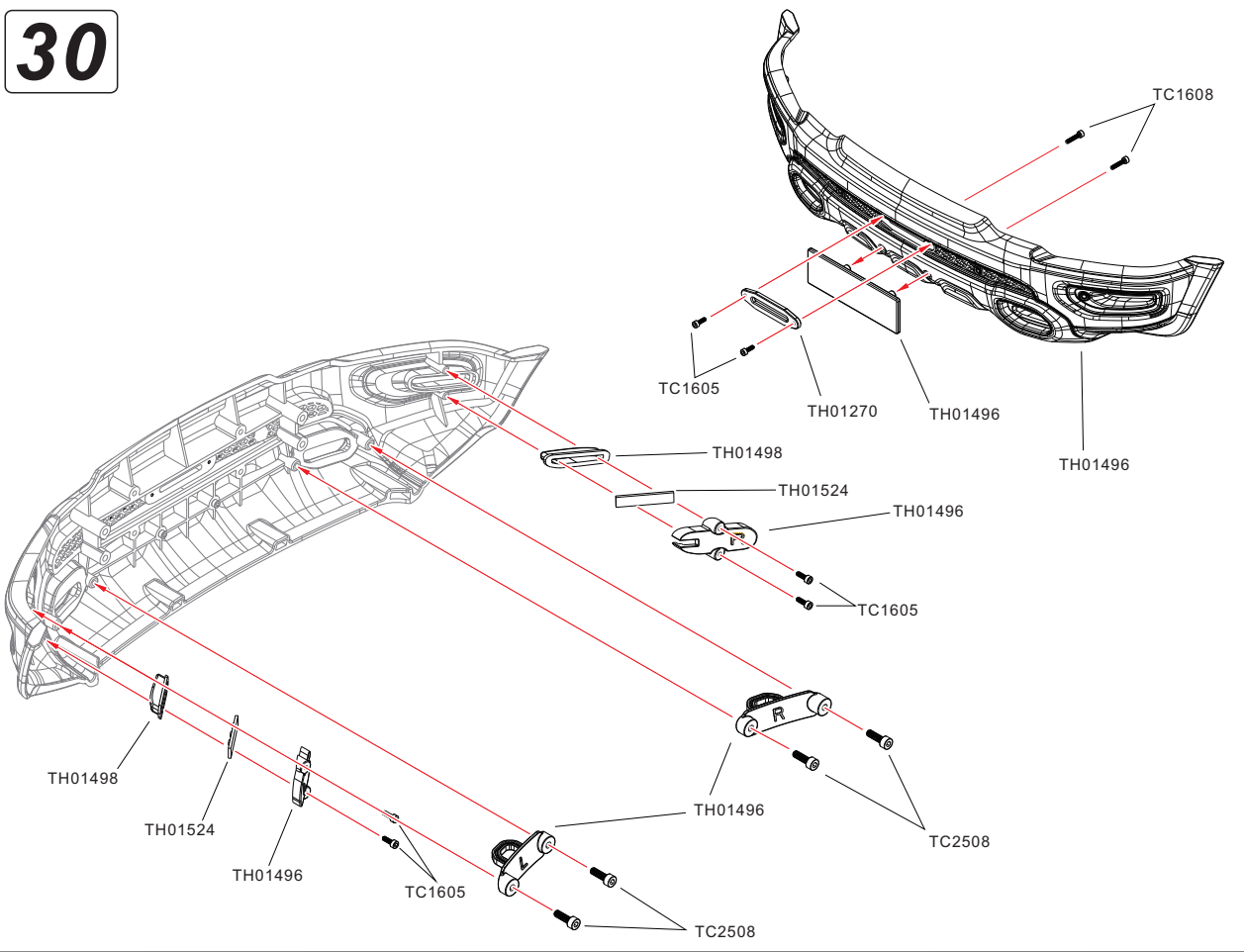
TW320810
Washer 3.2x8x10mm

x1





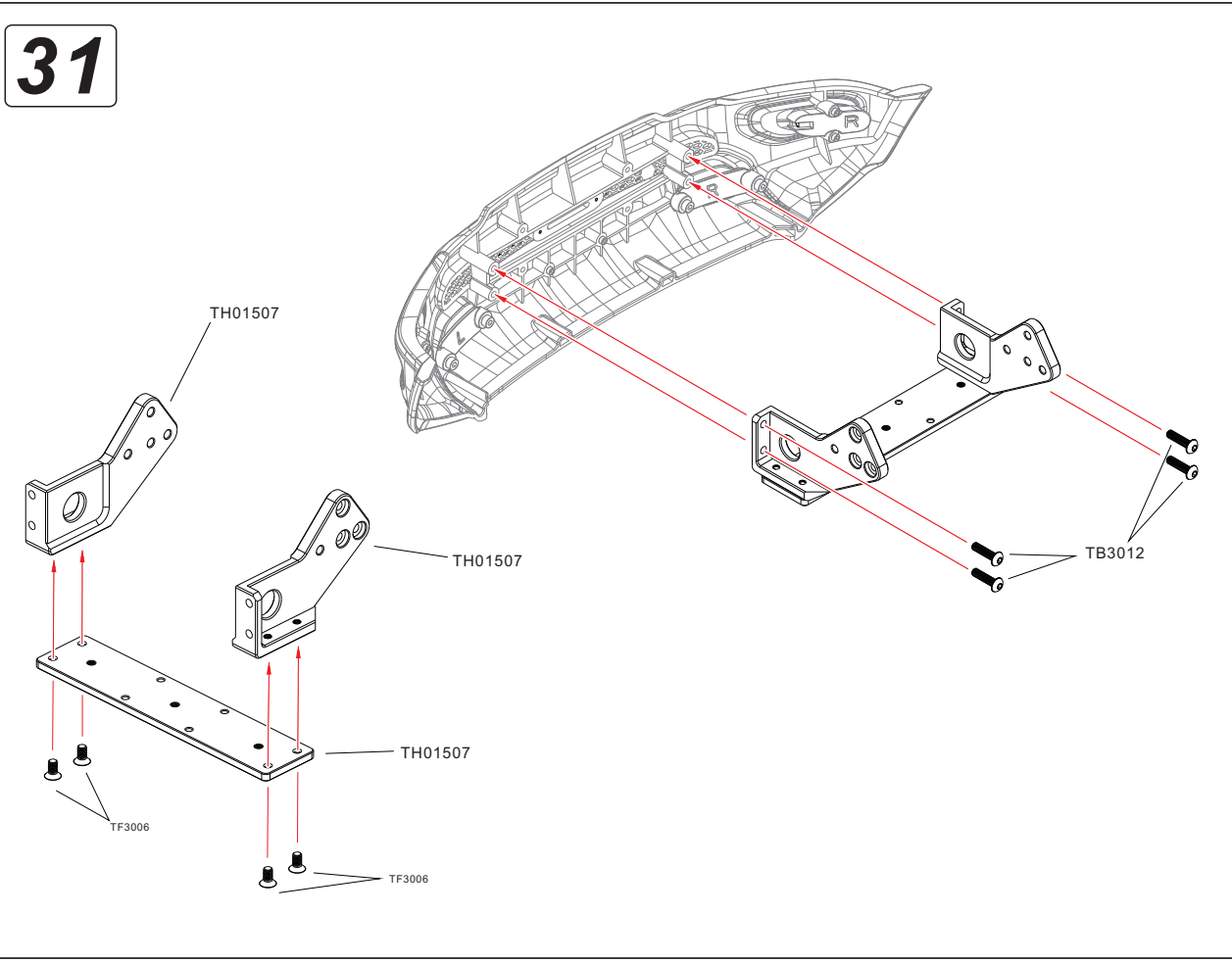
30

-  **TC1605**
M1.6×5mm **x6**
-  **TC1608**
M1.6×8mm **x2**
-  **TC2508**
M2.5×8mm **x4**



31

-  **TF3006**
M3×6mm **x4**
-  **TB3012**
M3×12mm **x4**



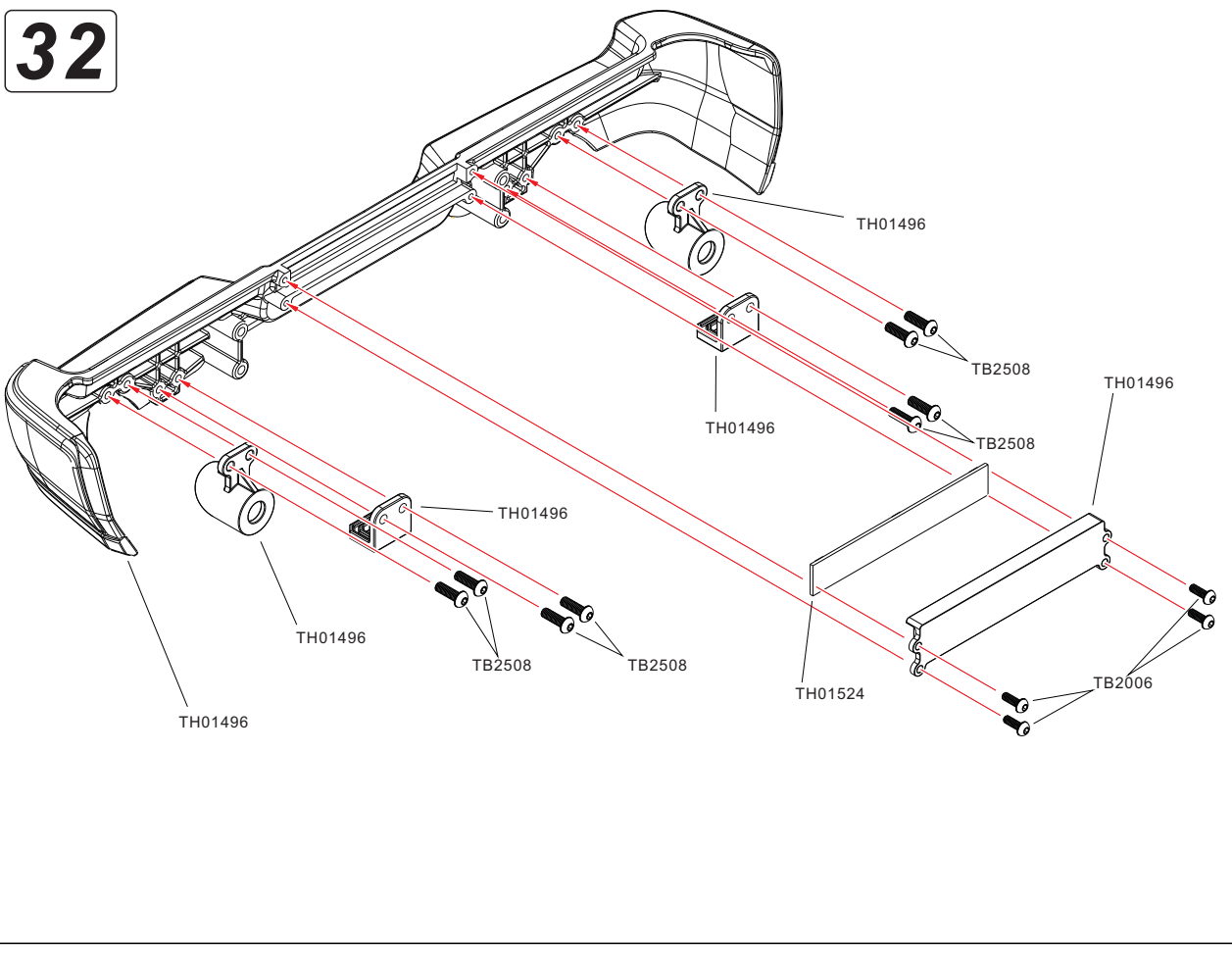
32


TB2006
M2×6mm


x4


TB2508
M2×8mm

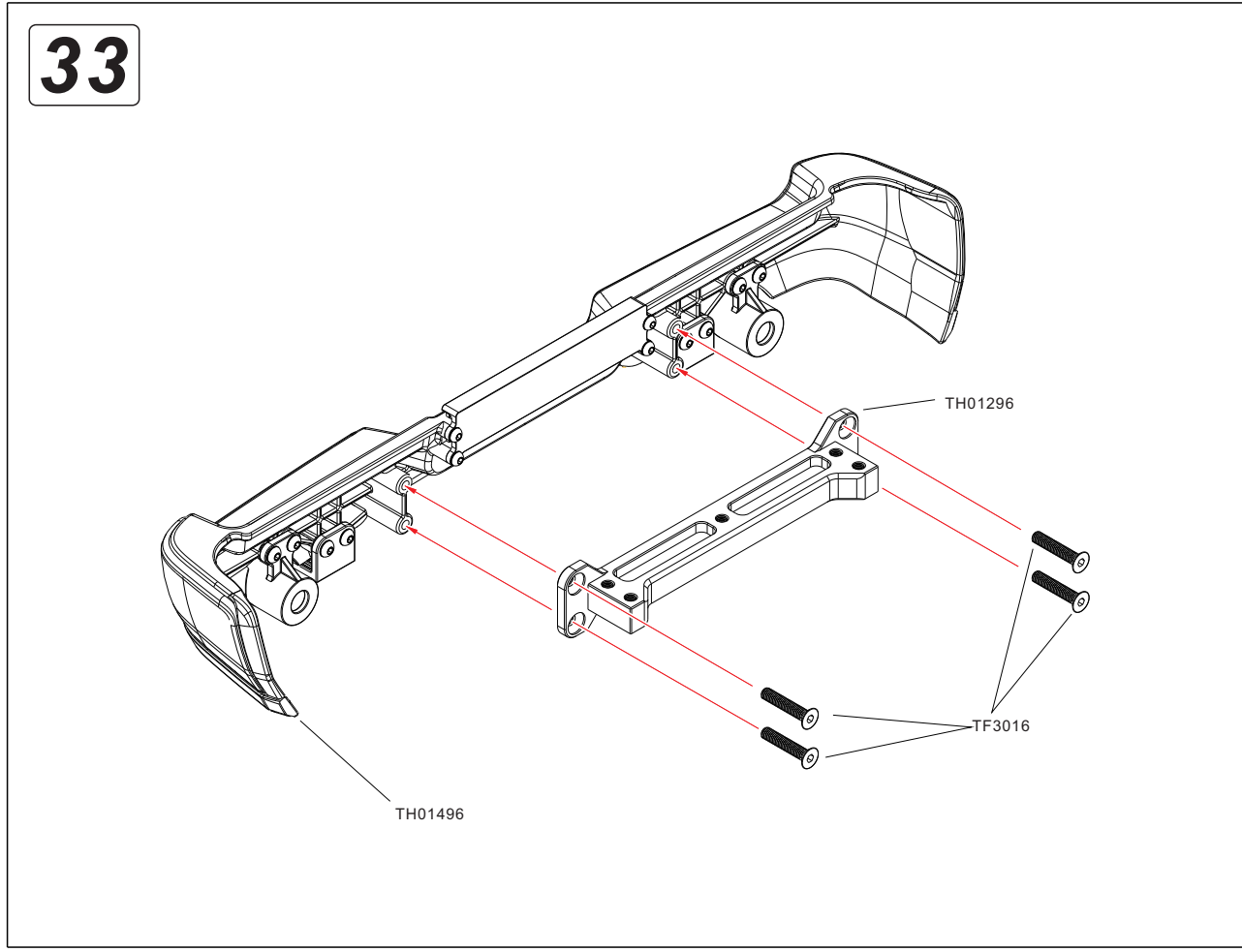
x8



33


TF3016
M3×16mm

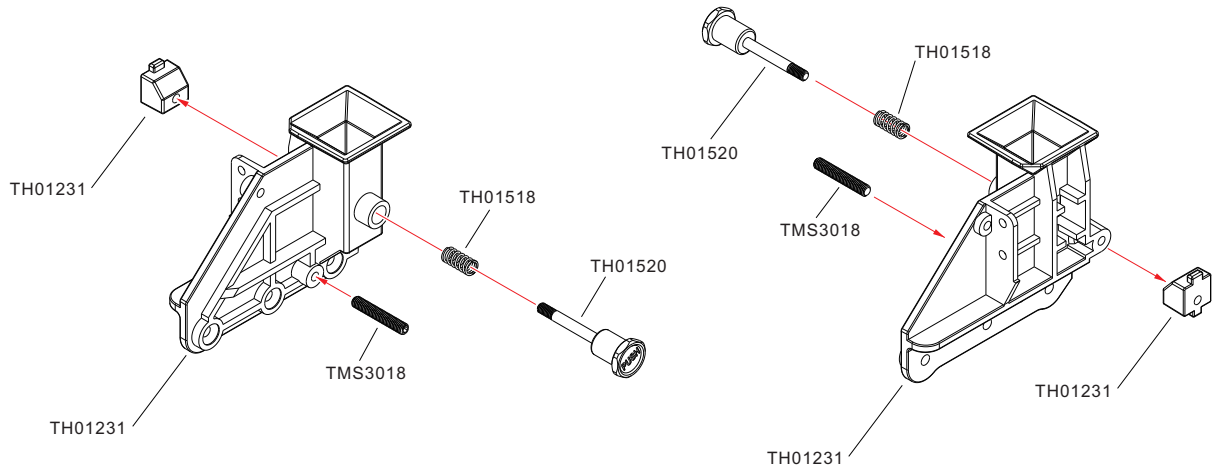
x4



34 L/R



TMS3018
M3x18 Set Screw **x2**



35



TF3006
M3x6mm **x1**



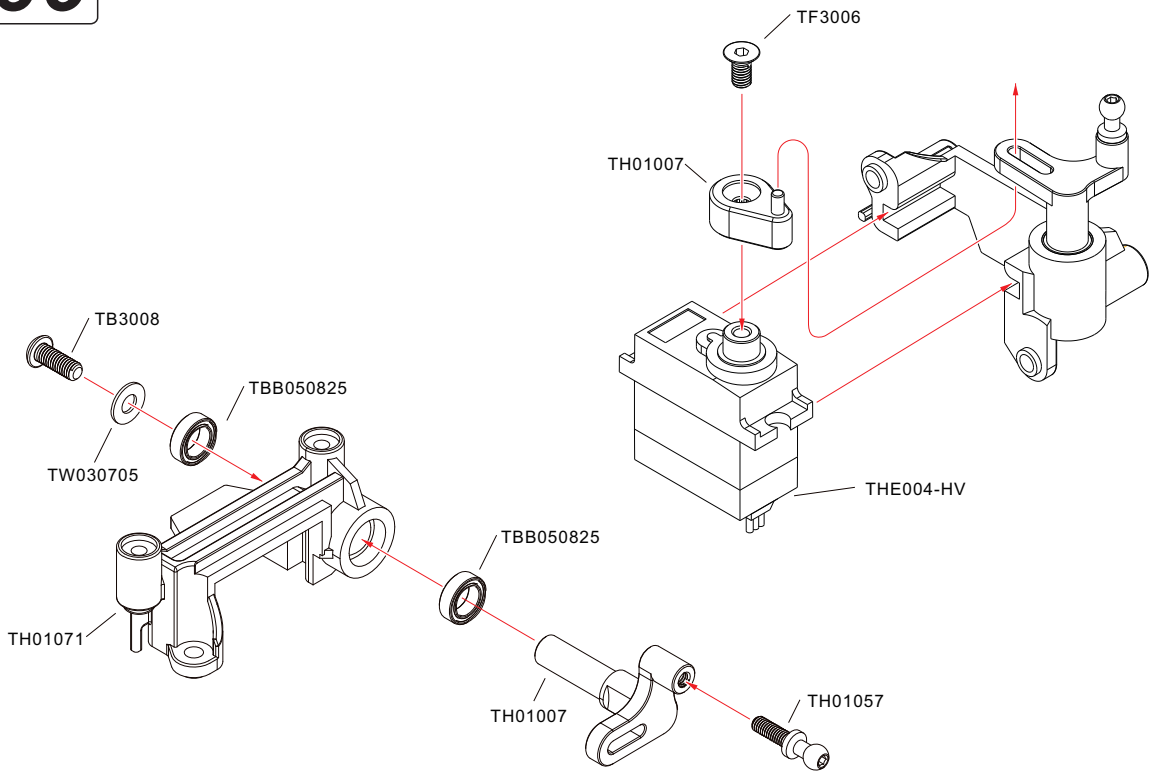
TB3008
M3x8mm **x1**



TBB050825
Bearing 5x8x2.5mm **x2**



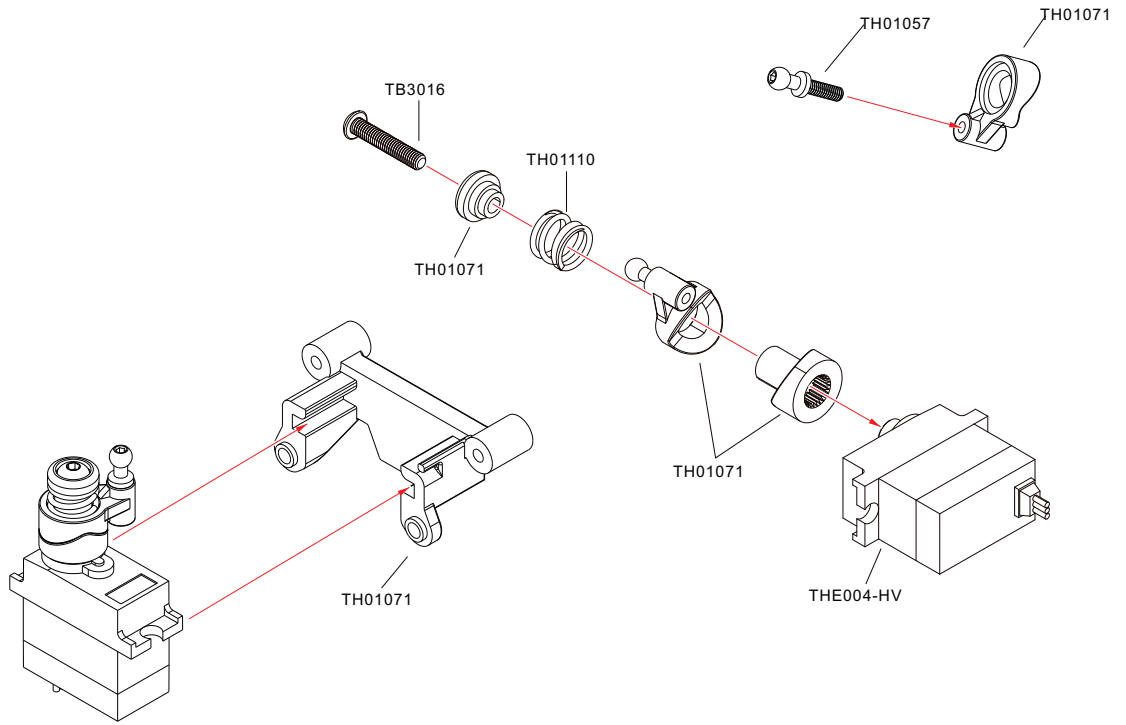
TW030705
Washer 3x7x0.5mm **x1**



36



TB3016
M3×16mm **x1**



37



Front differential servo



TF2506
M2.5×6mm **x1**



TF3006
M3×6mm **x1**



TB3008
M3×8mm **x3**



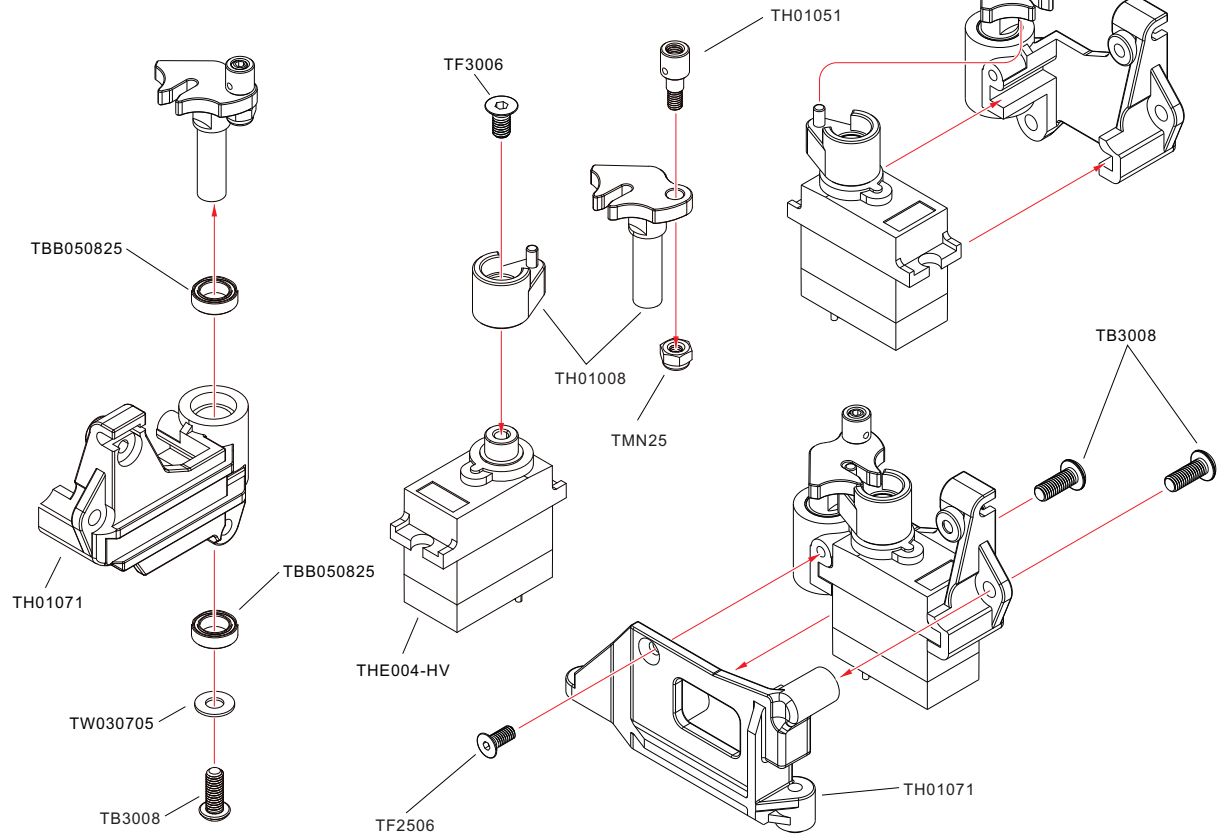
TBB050825
Bearing 5×8×2.5mm **x2**



TW030705
Washer 3×7×0.5mm **x1**



TMN25
M2.5 Nylon Nut **x1**

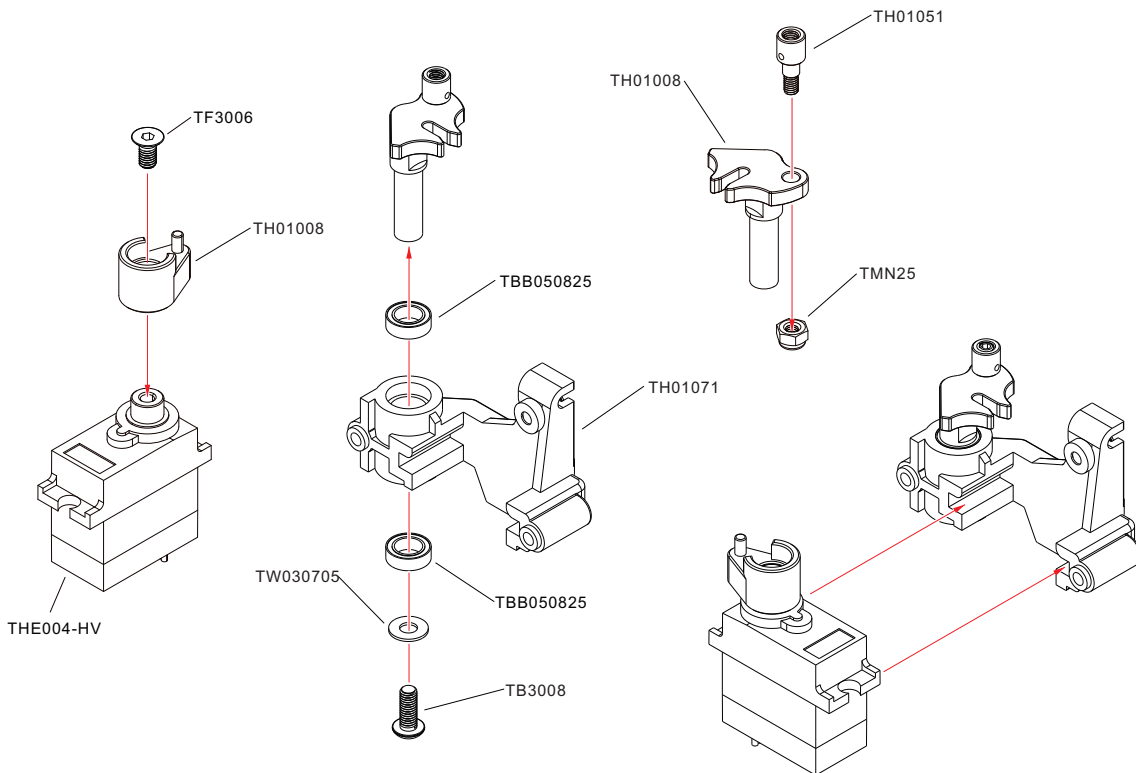


38









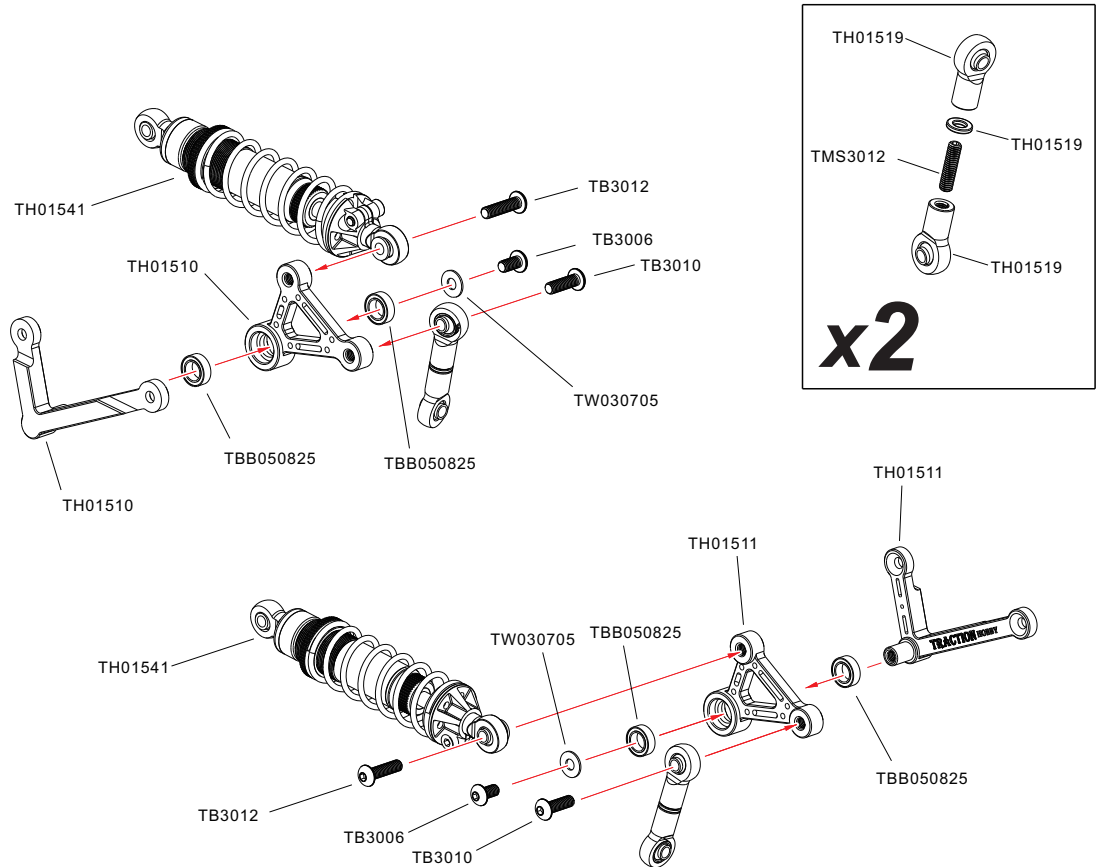
Rear differential servo

-  TF3006
M3×6mm **x1**
-  TB3008
M3×8mm **x1**
-  TBB050825
Bearing 5×8×2.5mm **x2**
-  TW030705
Washer 3×7×0.5mm **x1**
-  TMN25
M2.5 Nylon Nut **x1**



39

-  TMS3012
M3×12mm Set screw **x2**
-  TB3006
M3×6mm **x2**
-  TB3010
M3×10mm **x2**
-  TB3012
M3×12mm **x2**
-  TBB050825
Bearing 5×8×2.5mm **x4**
-  TW030705
Washer 3×7×0.5mm **x2**



41



TB3010
M3×10mm

x3



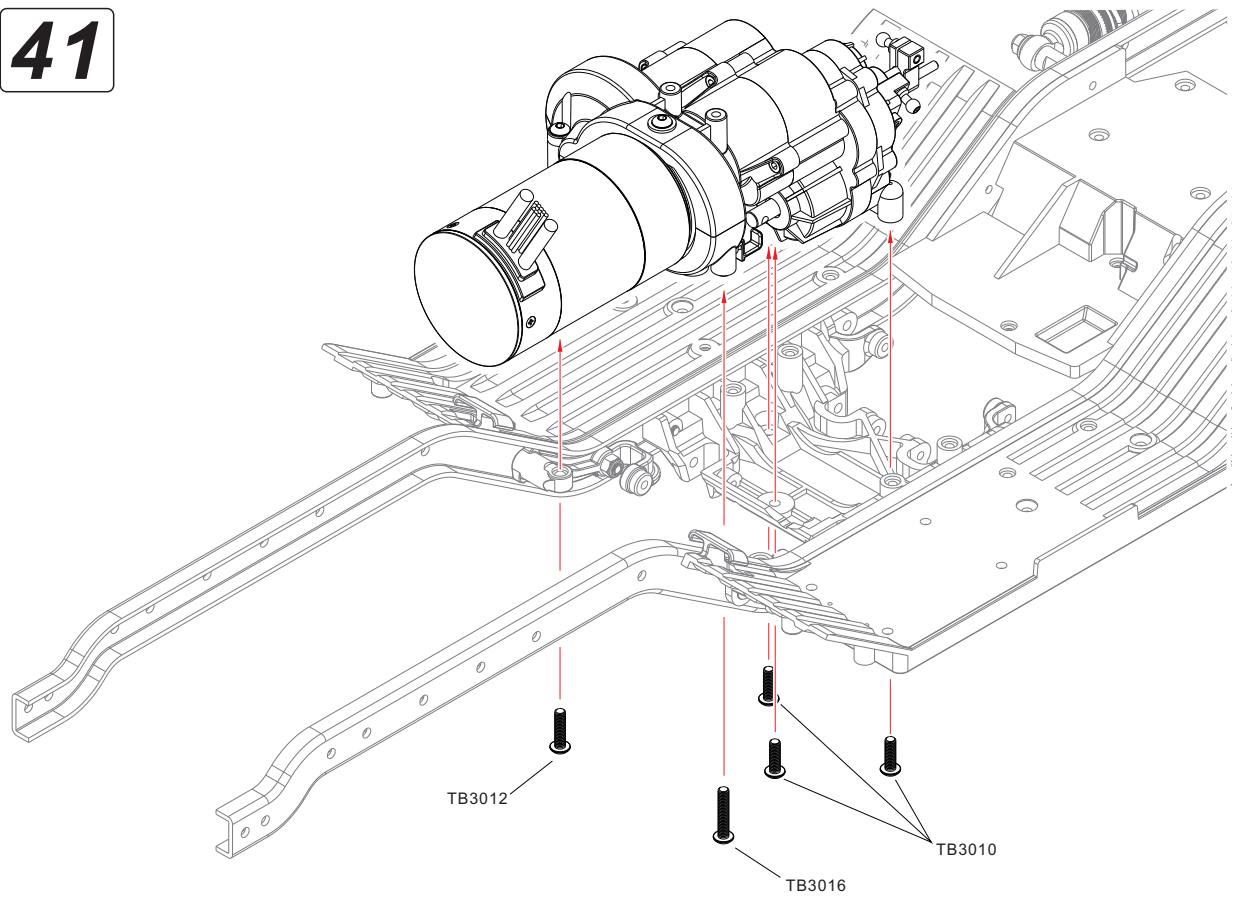
TB3012
M3×12mm

x1



TB3016
M3×16mm

x1



42



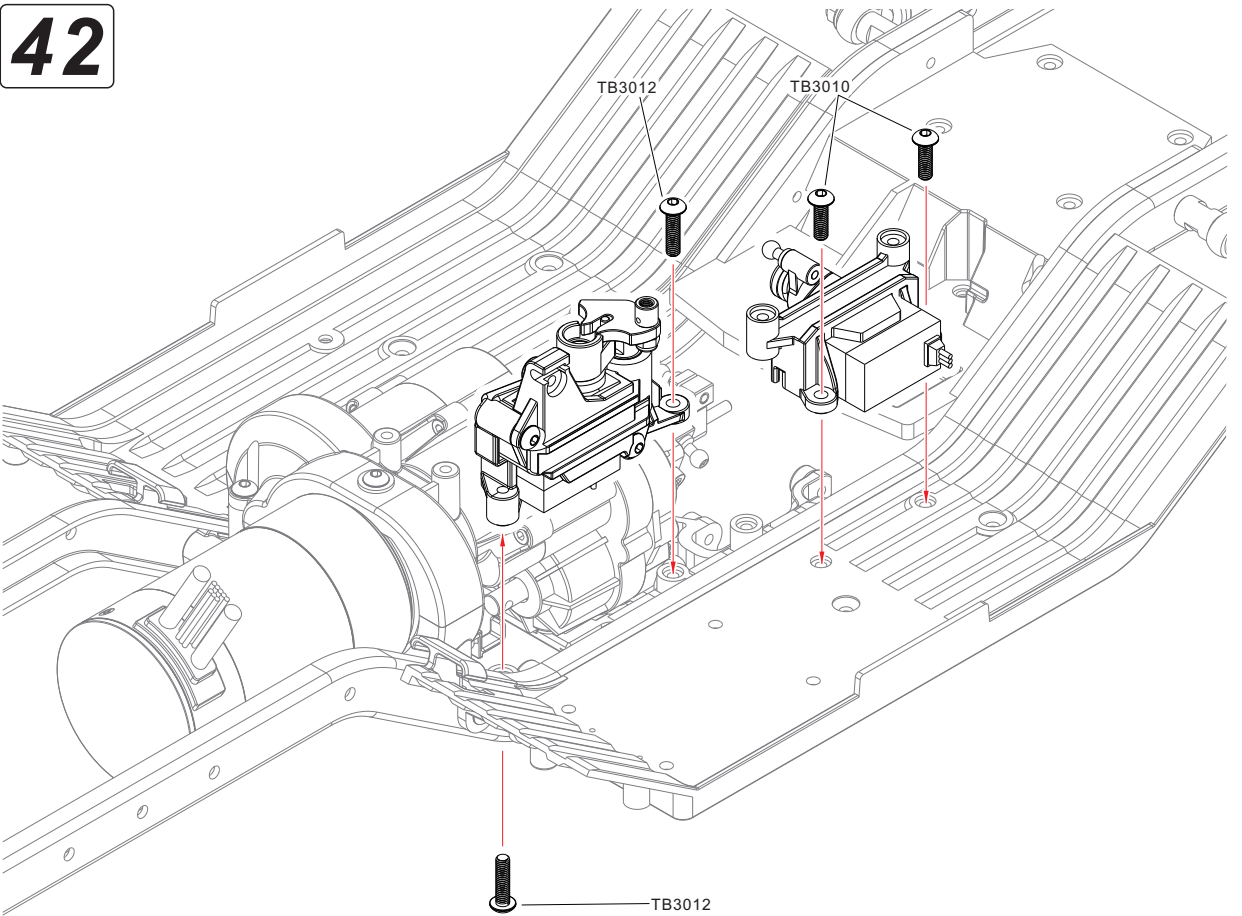
TB3010
M3×10mm

x2



TB3012
M3×12mm

x2



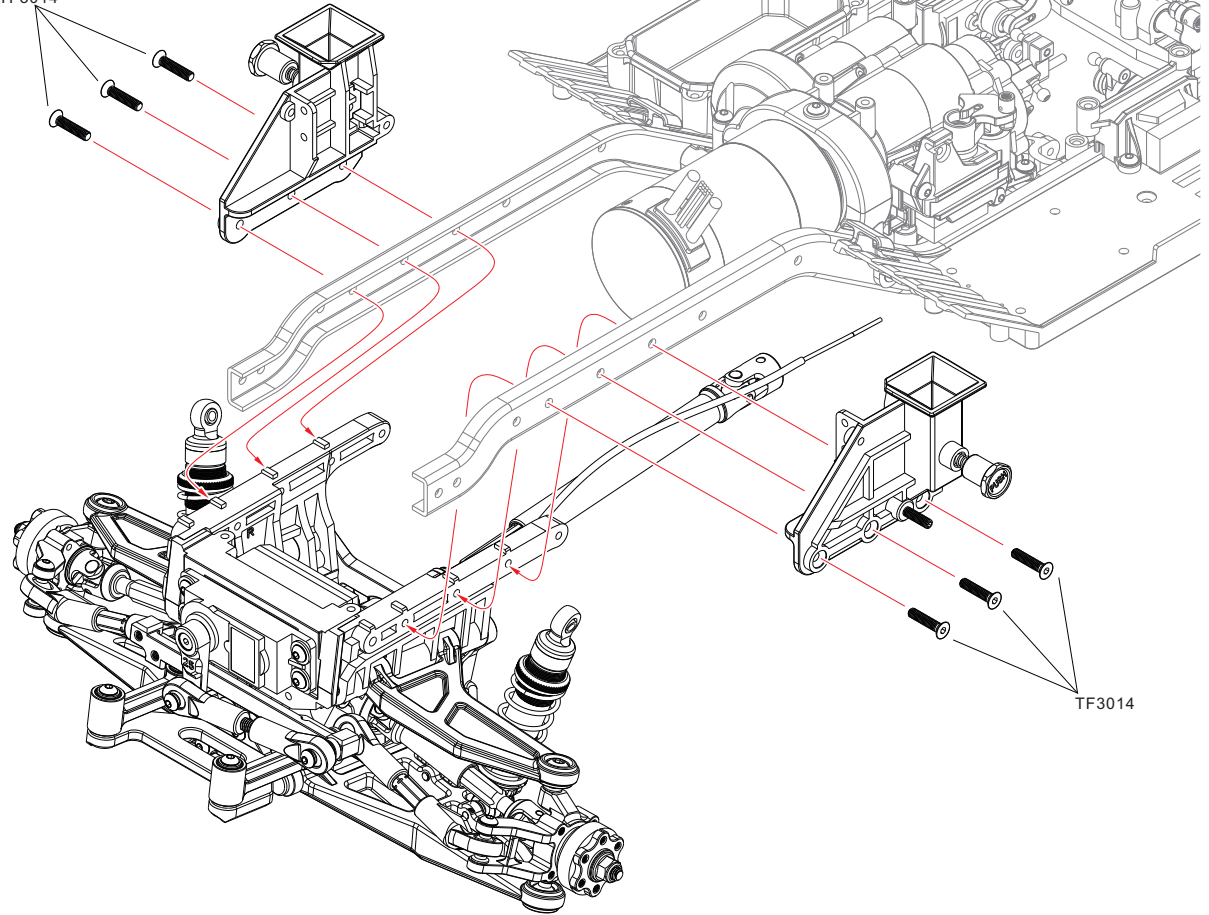


TF3014
M3×14mm

x6

45

TF3014



TF3014



TB3006
M3×6mm

x4

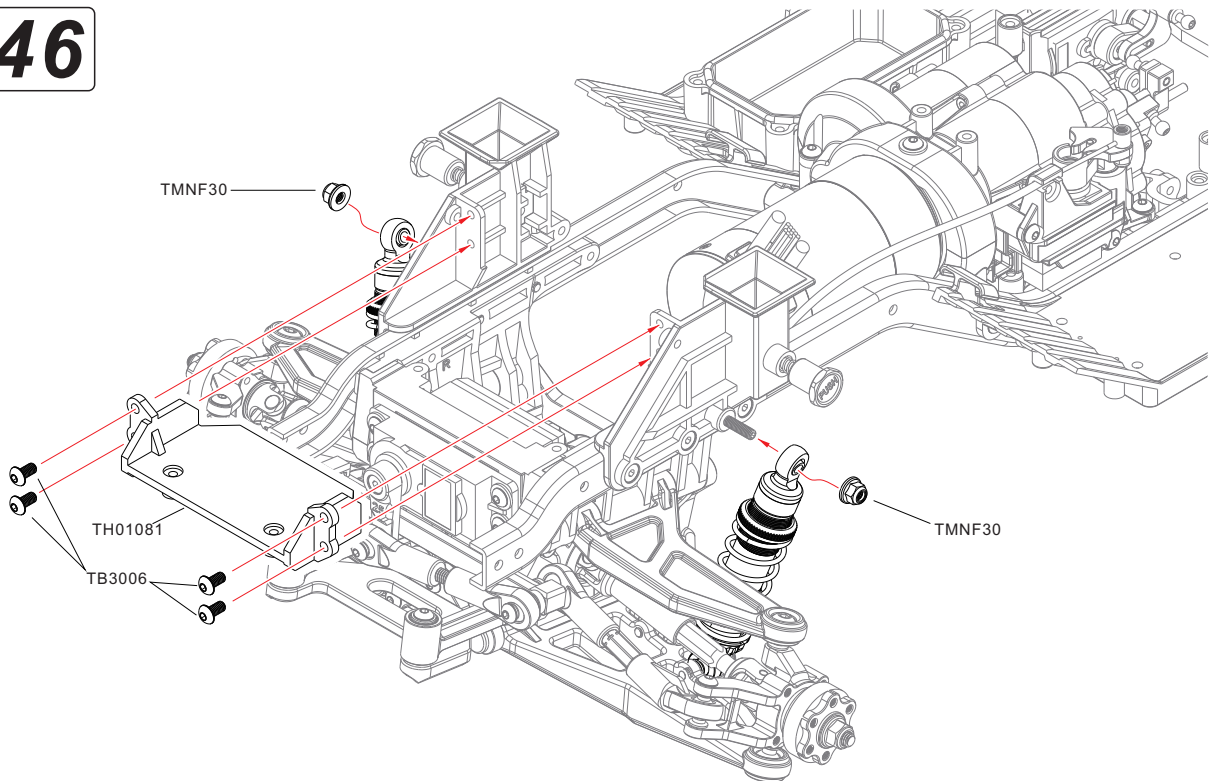


TMNF30
M3 Flanged Nylon Nut

x2

46

TMNF30



TH01081

TB3006

TMNF30

47



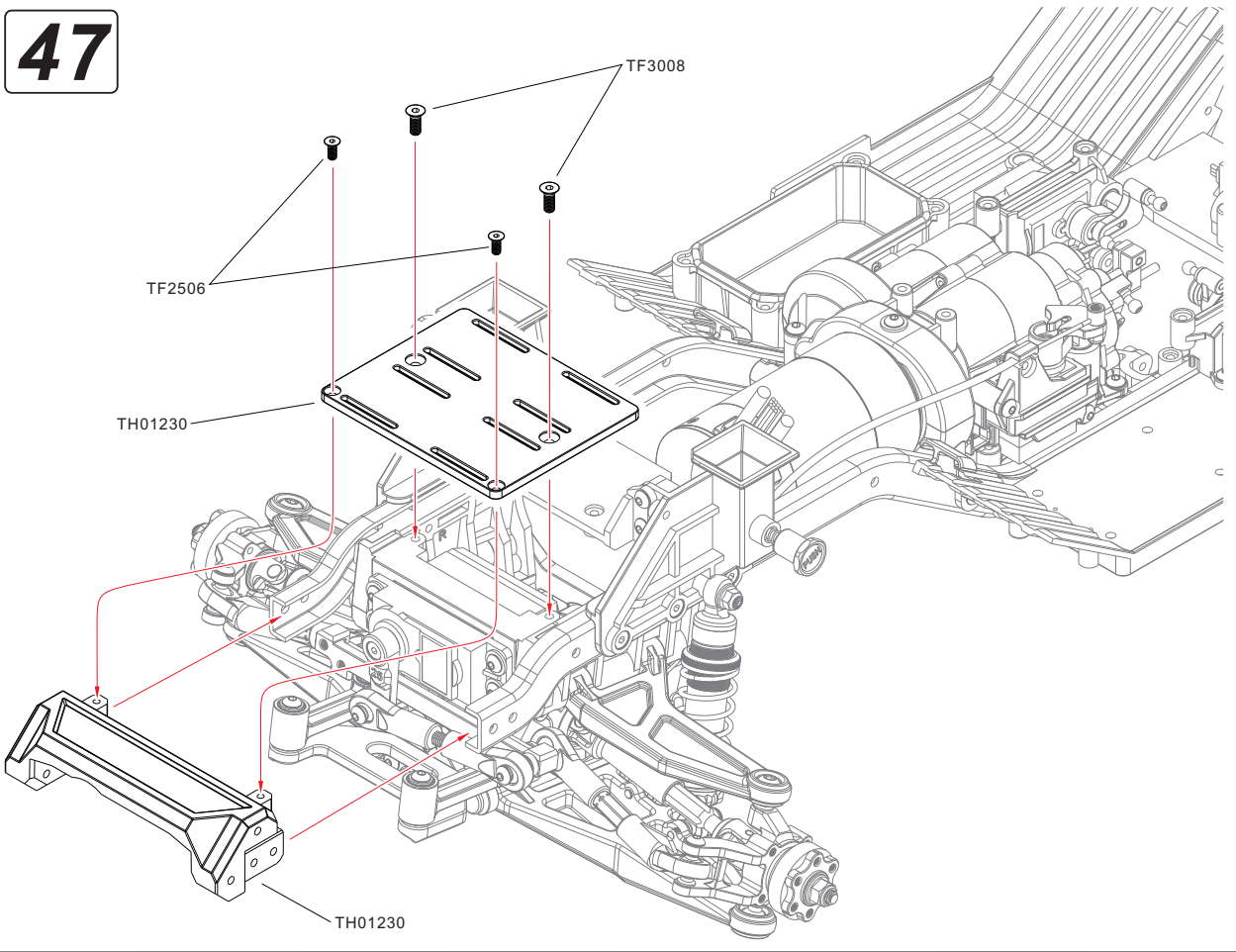
TF2506
M2.5×6mm

x2



TF3008
M3×8mm

x2

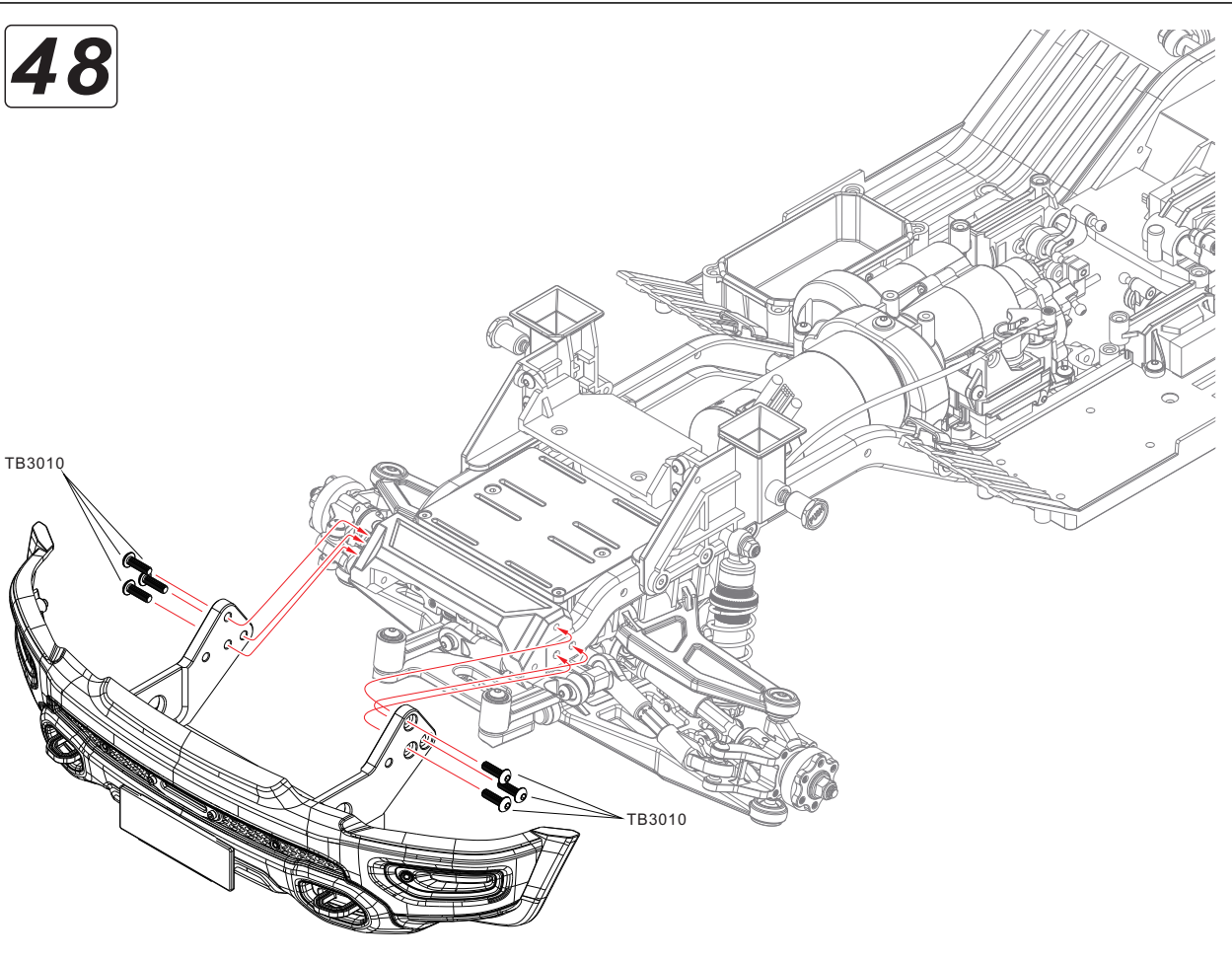


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TB3010
M3×10mm

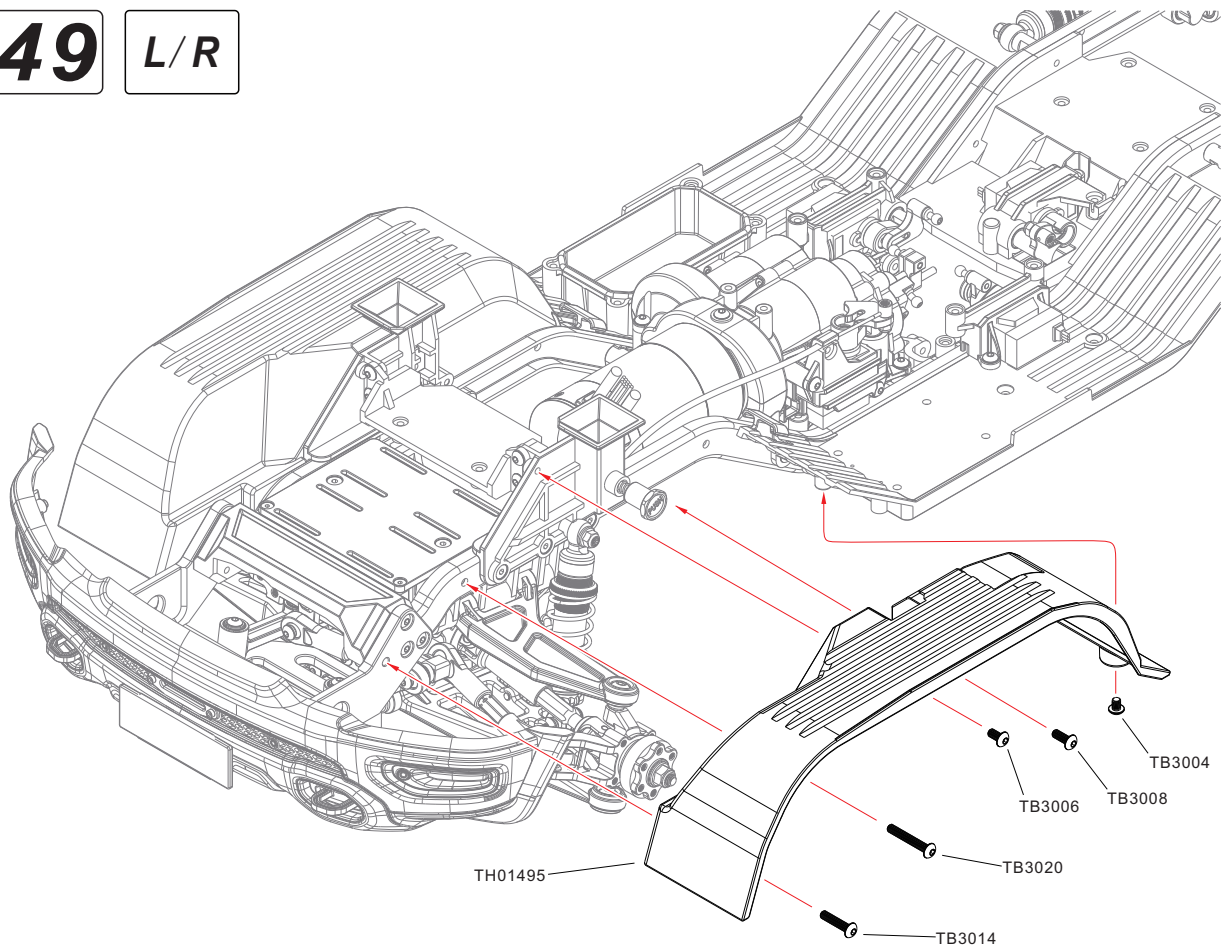
x6







49

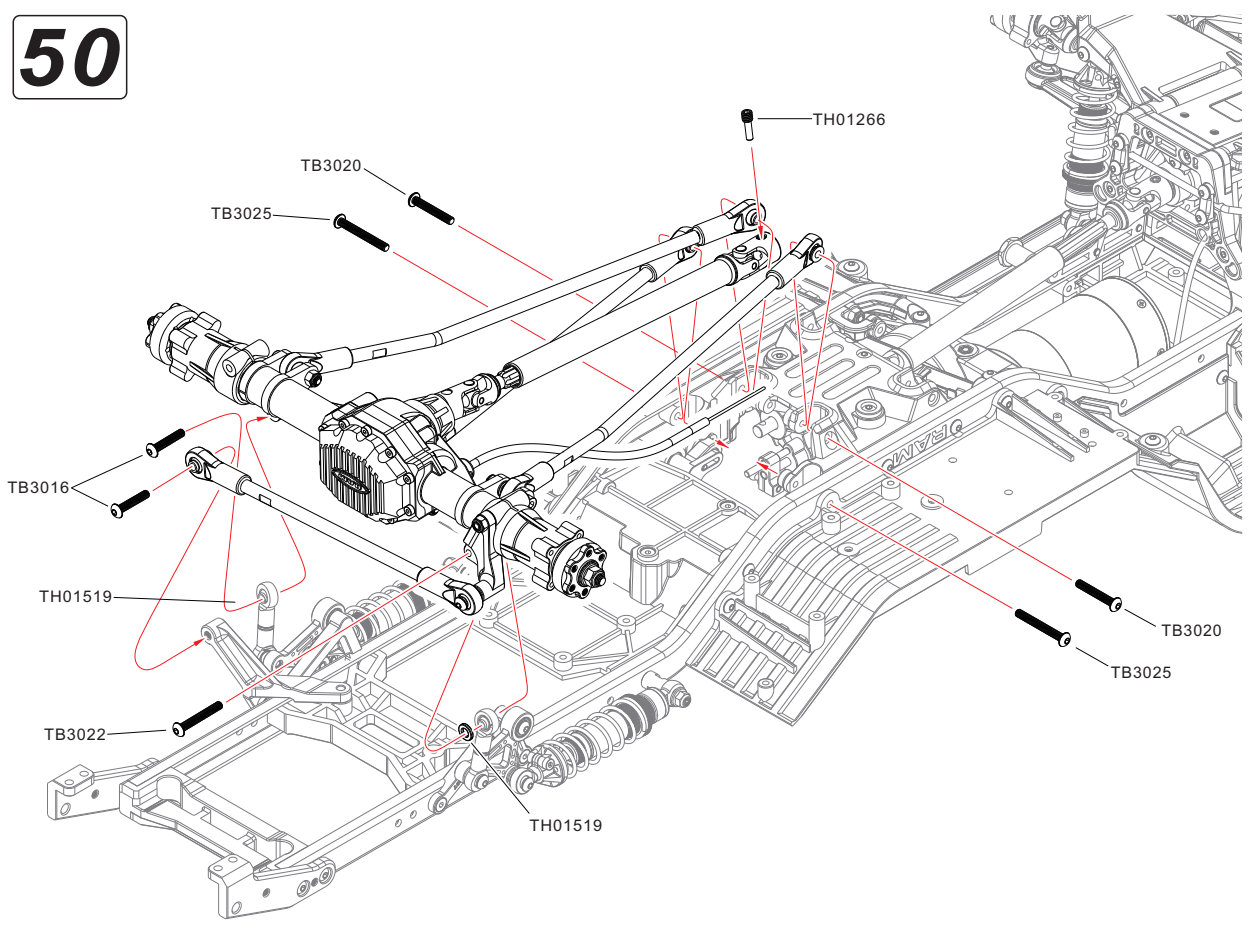
L/R

-  **TB3004** x2
M3×4mm
-  **TB3006** x2
M3×6mm
-  **TB3008** x2
M3×8mm
-  **TB3014** x2
M3×14mm
-  **TB3020** x2
M3×20mm



-  **TB3016** x2
M3×16mm
-  **TB3020** x2
M3×20mm
-  **TB3022** x1
M3×20mm
-  **TB3025** x2
M3×25mm

50

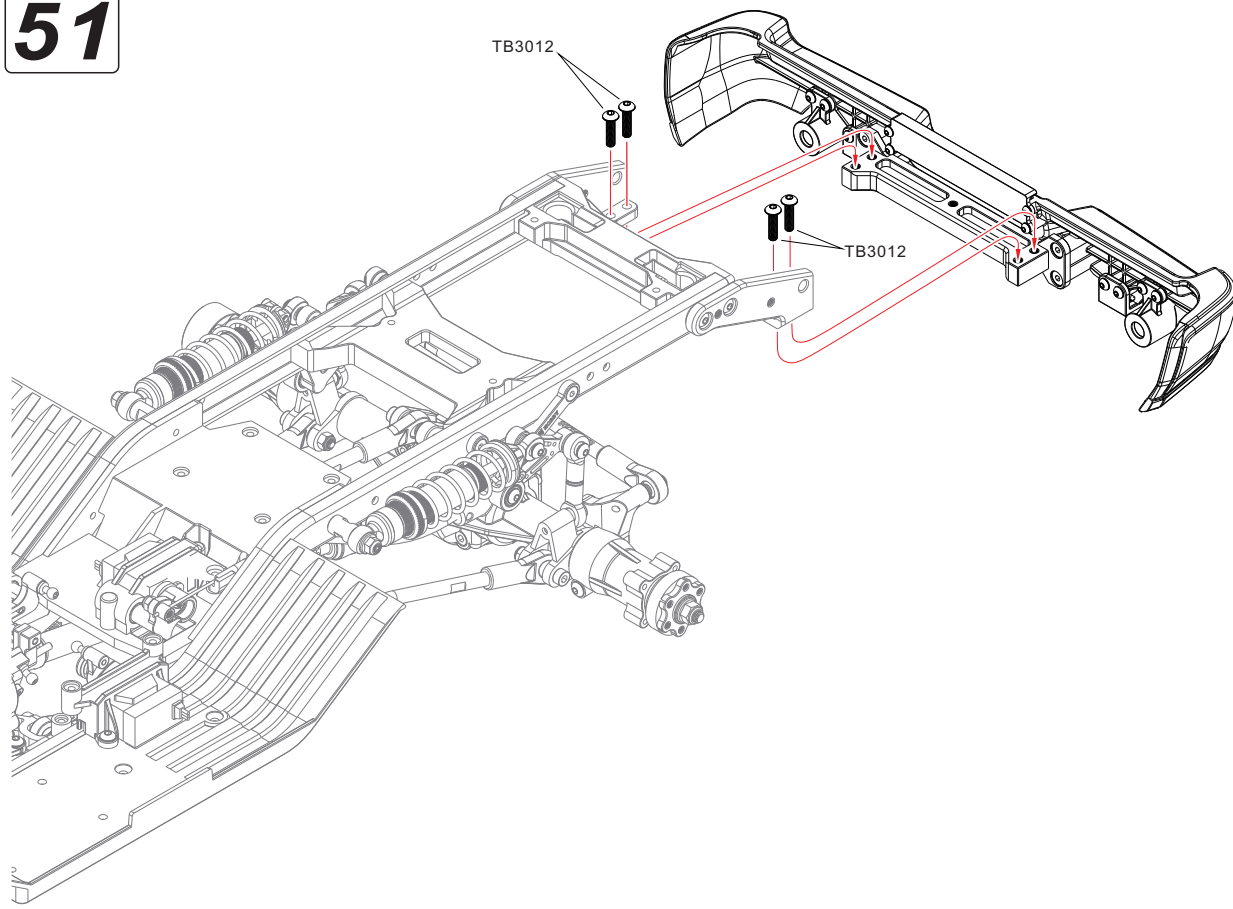


51



TB3012
M3×12mm

x4



52



TMS3003
M3×3 Set Screw

x2



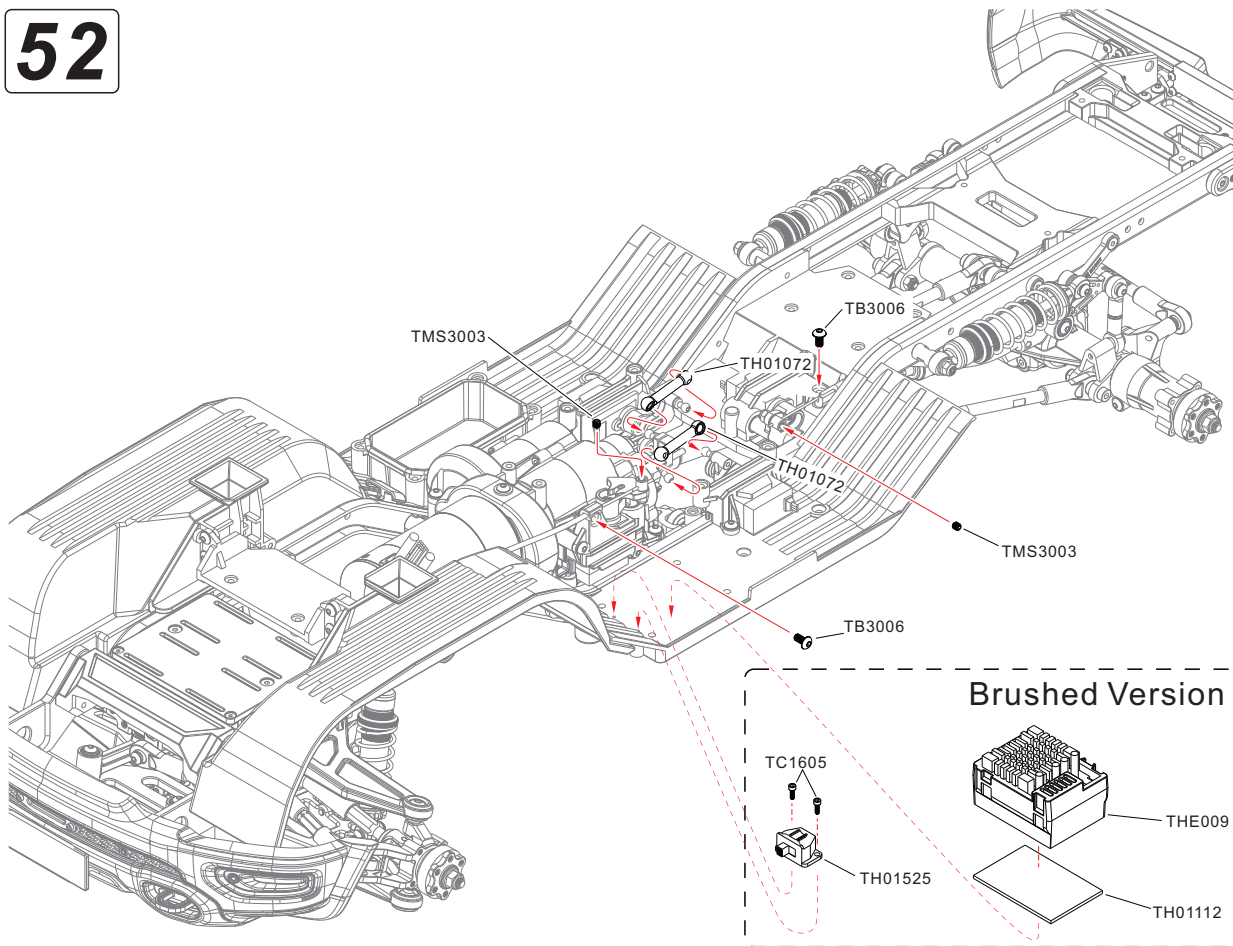
TB3006
M3×6mm

x2







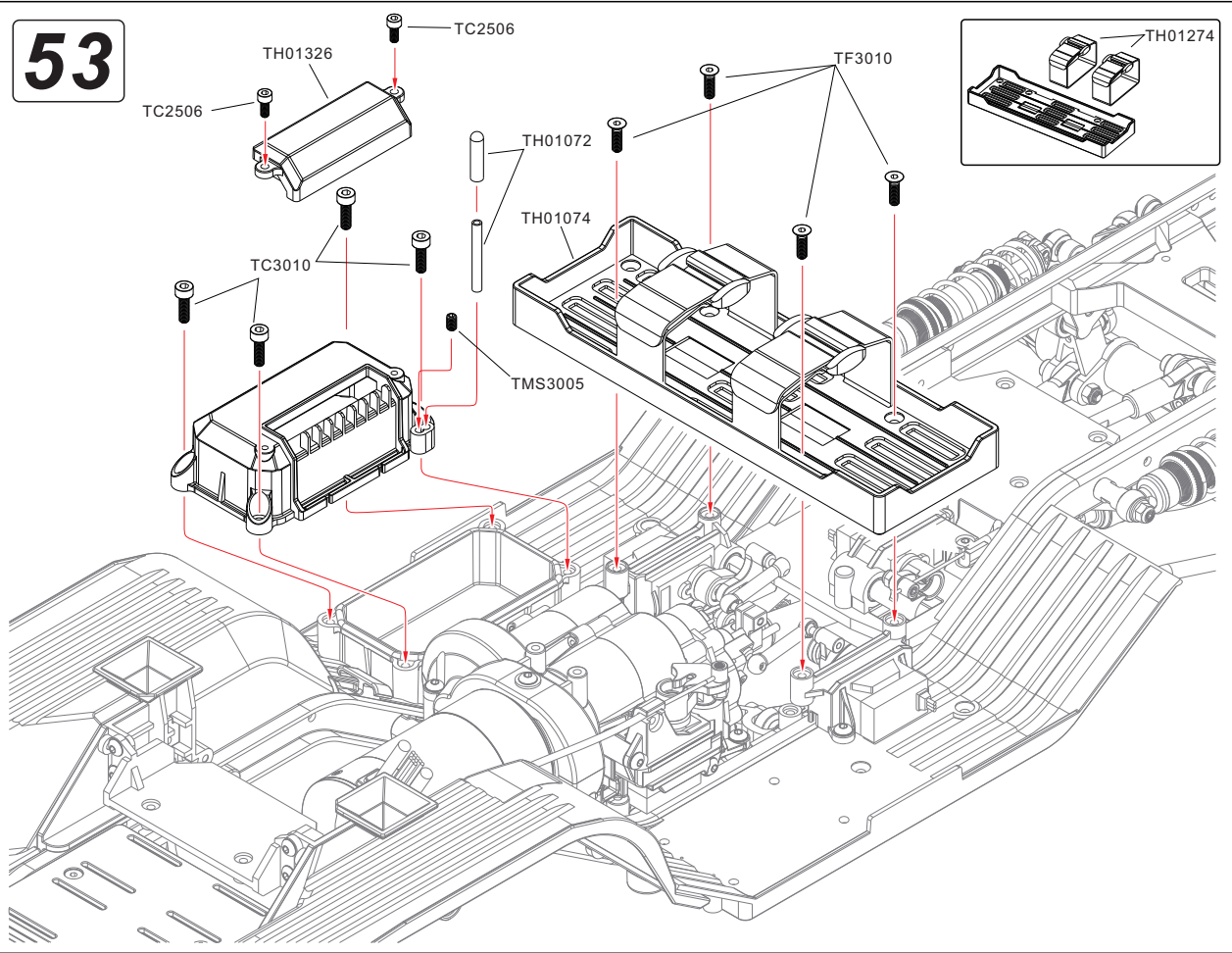
TC1605
M1.6×5mm

x2




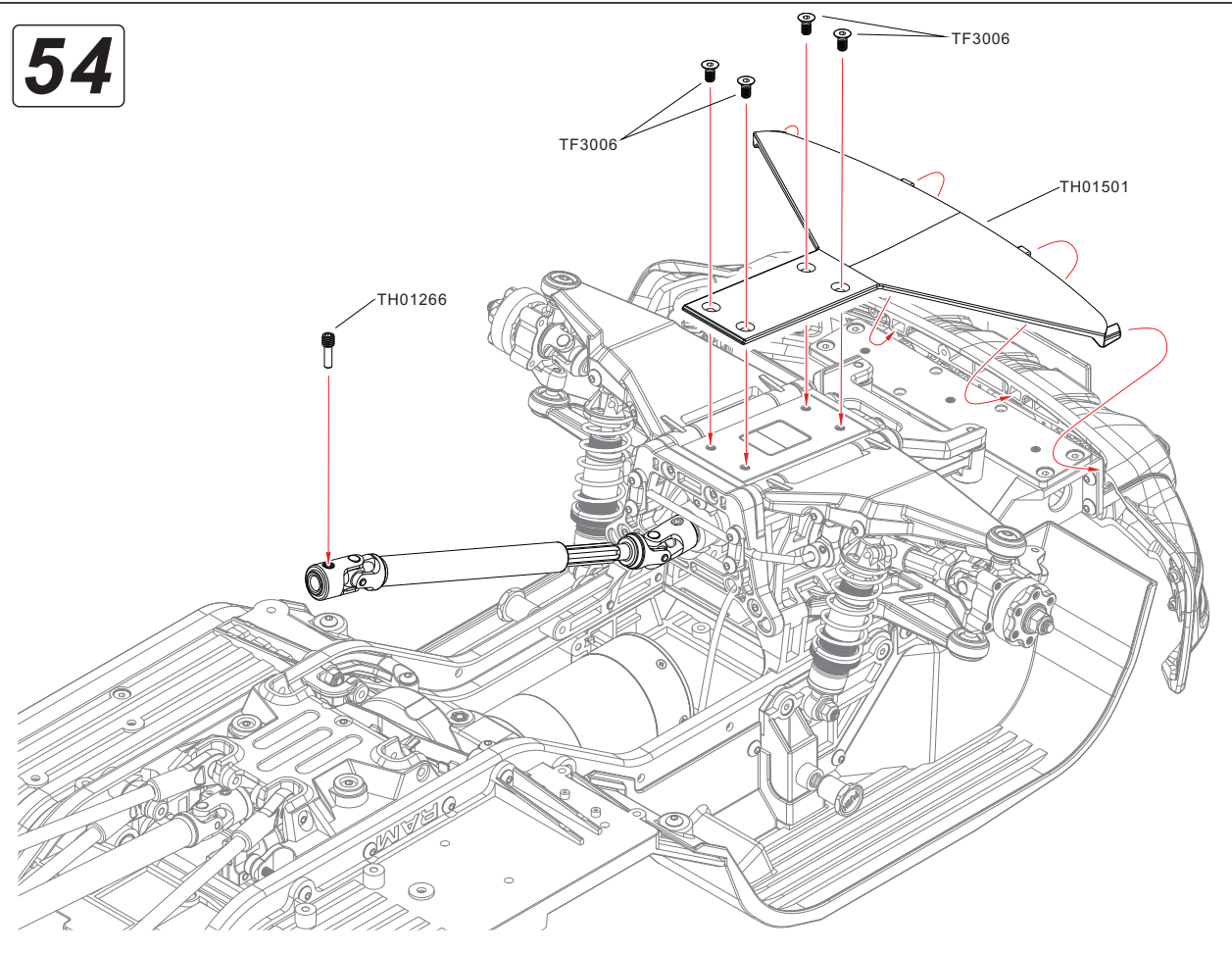
53

-  TC2506
M2.5x6mm x2
-  TC3010
M3x10mm x4
-  TF3010
M3x10mm x4
-  TMS3005
M3x3 Set Screw x1



54

-  TF3006
M3x6mm x4



55



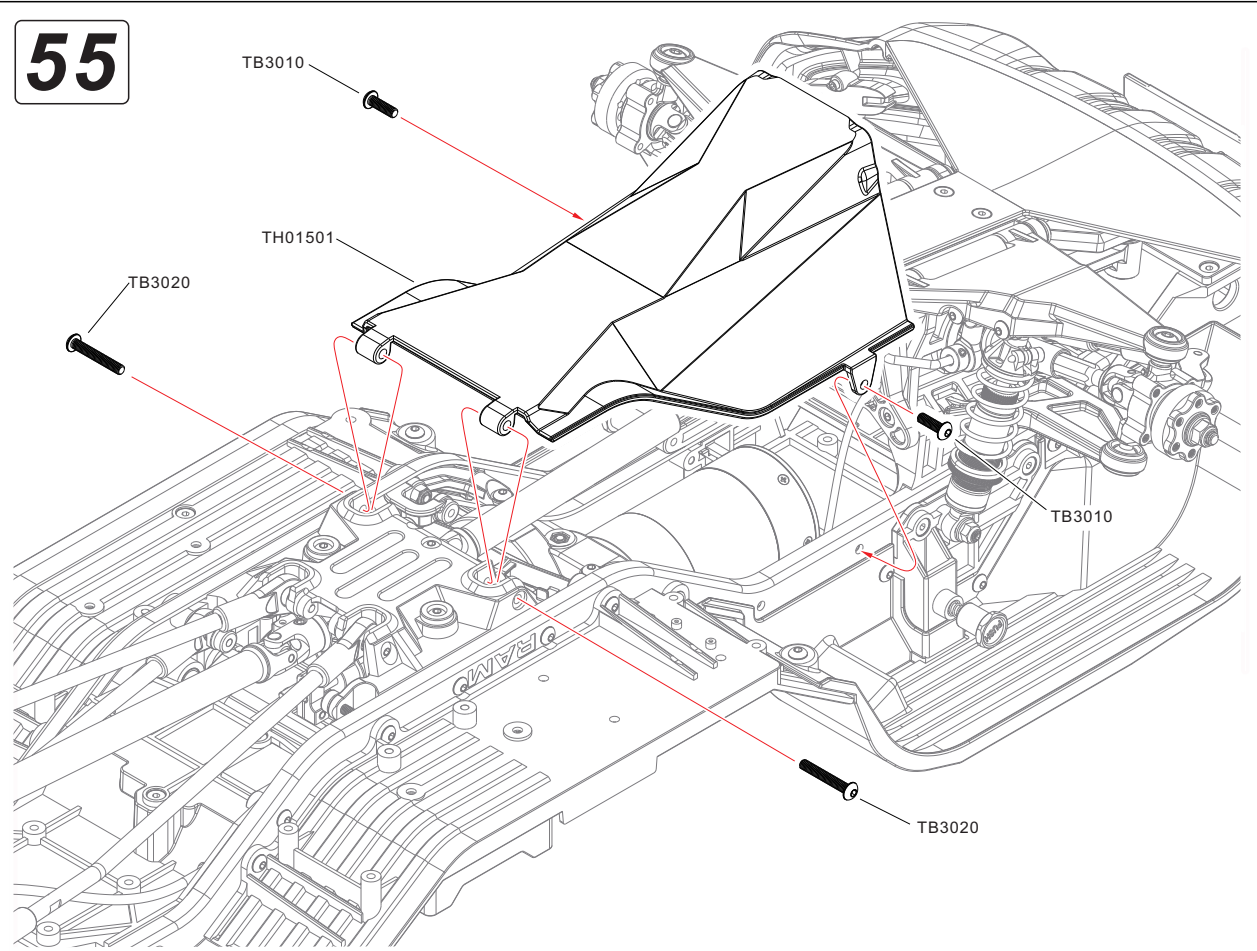
TB3010
M3×10mm

x2



TB3020
M3×20mm

x2



56



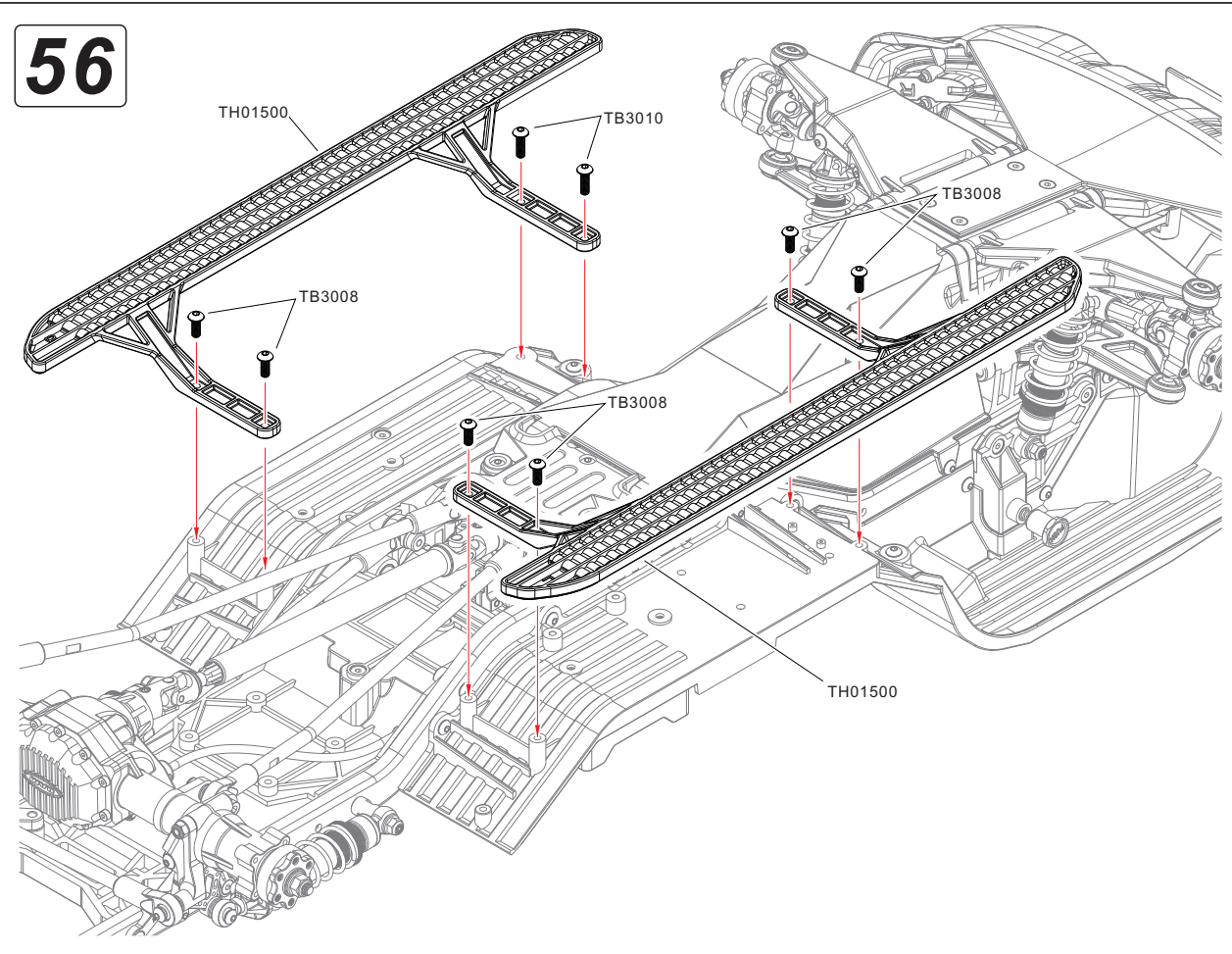
TB3008
M3×8mm

x6



TB3010
M3×10mm

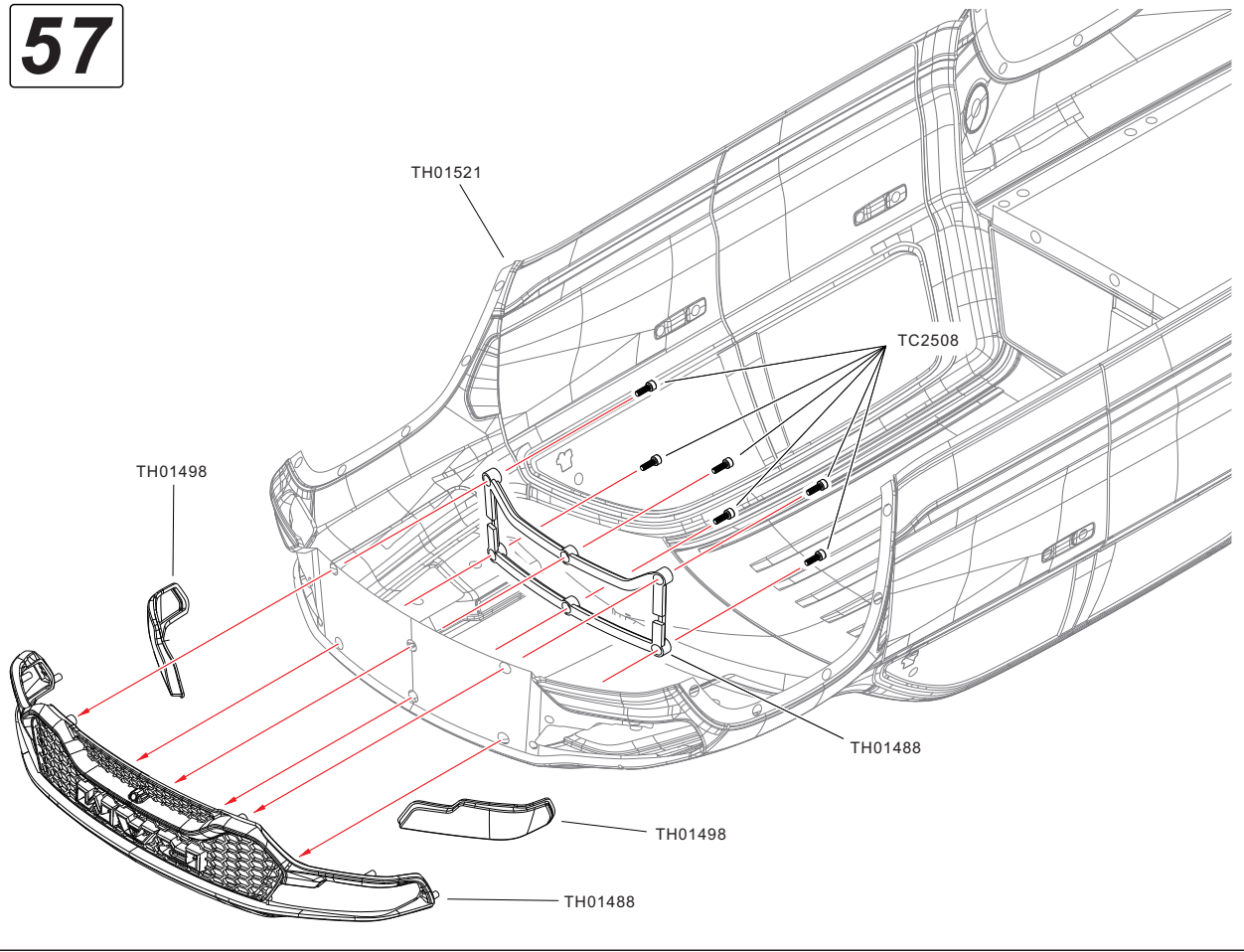
x2



57

TC2508
M2.5×8mm

x6

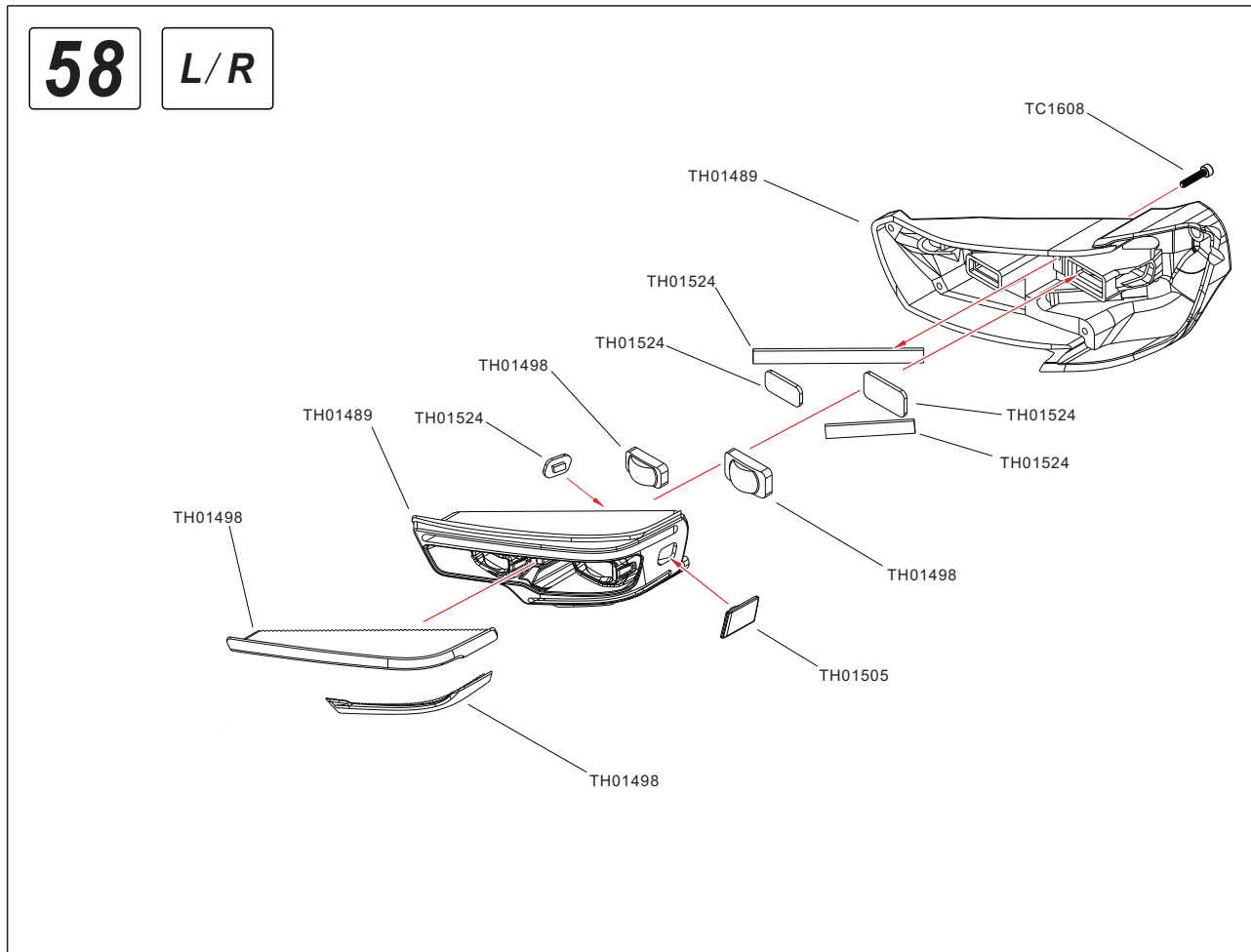


58

L/R

TC1608
M1.6×8mm

x2

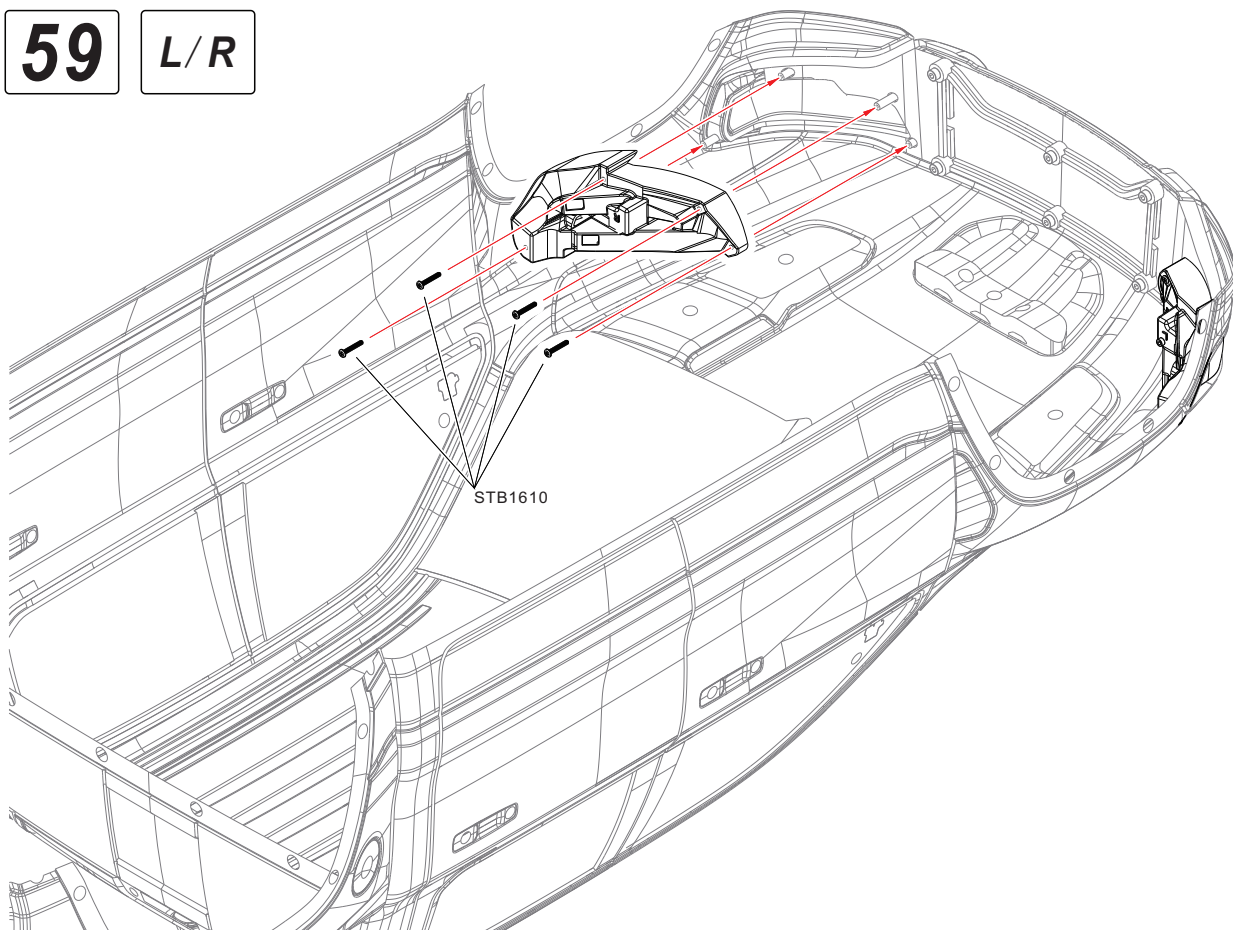


59

L/R

x8

STB1610
M1.6x10mm

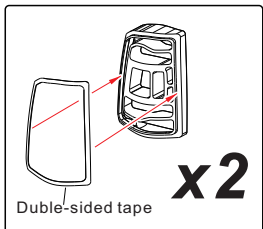


60

L/R

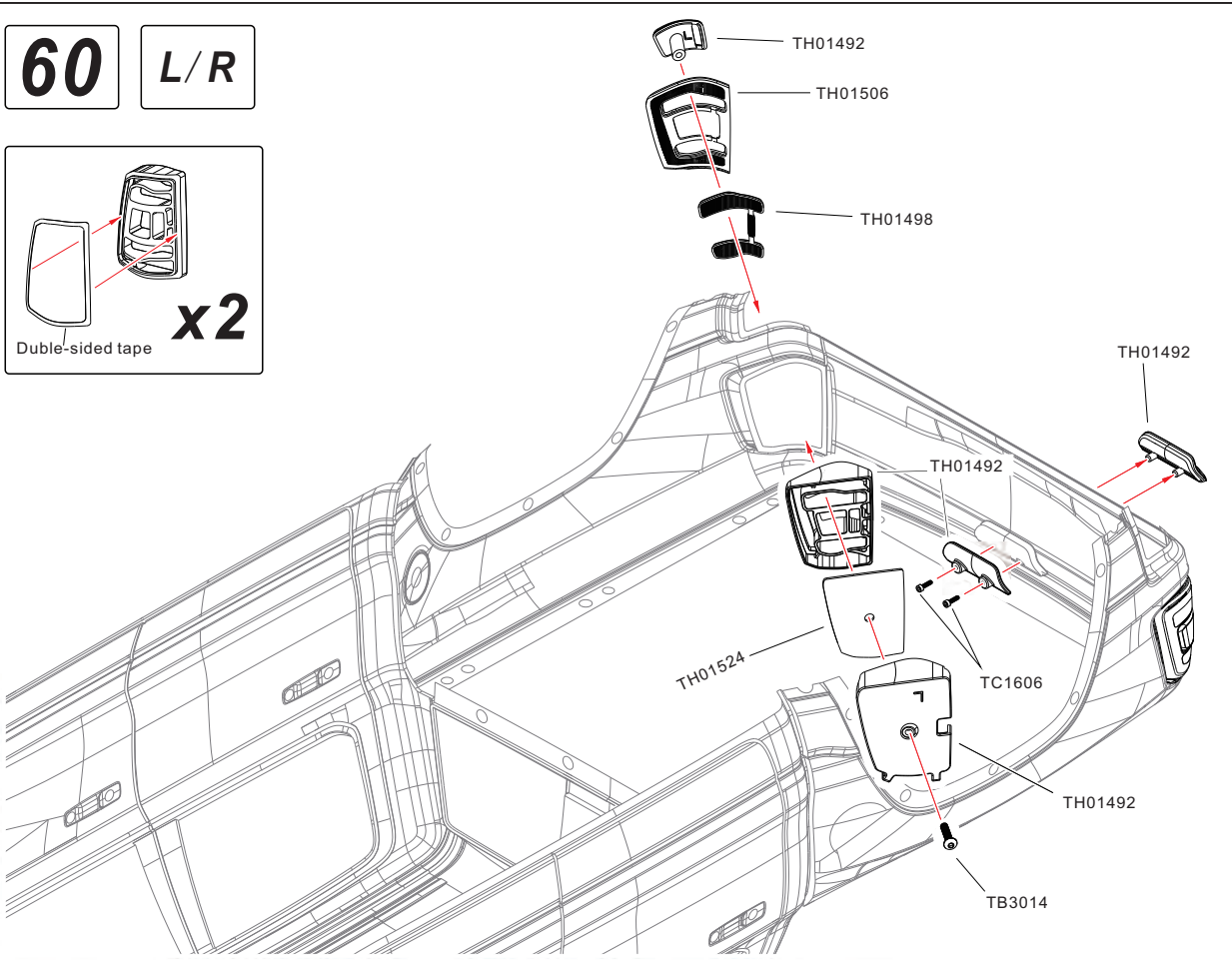
x2

TB3014
M3x14mm



x2

TC1606
M1.6x6mm



61

L/R



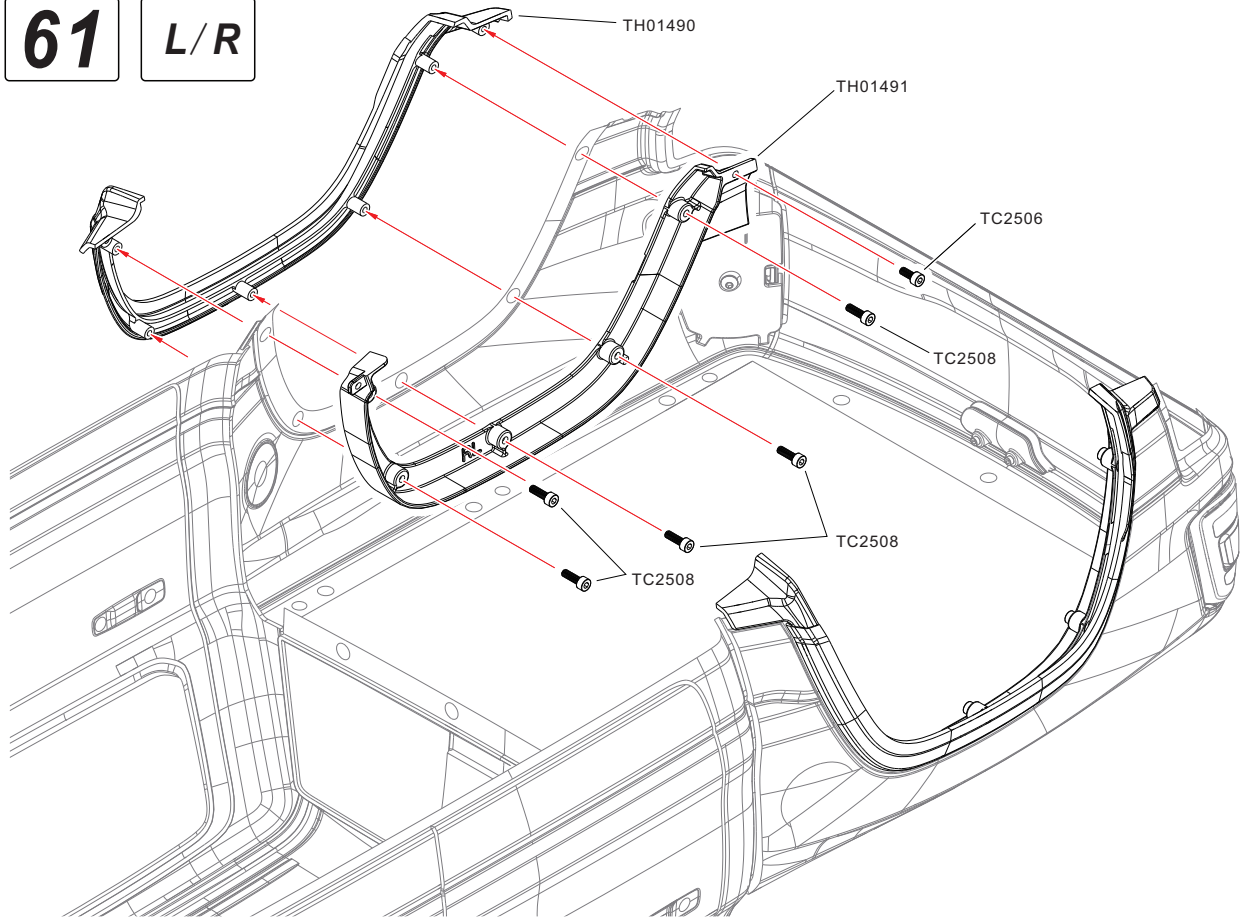
TC2508
M2.5x8mm

x10



TC2506
M2.5x6mm

x2



62

L/R



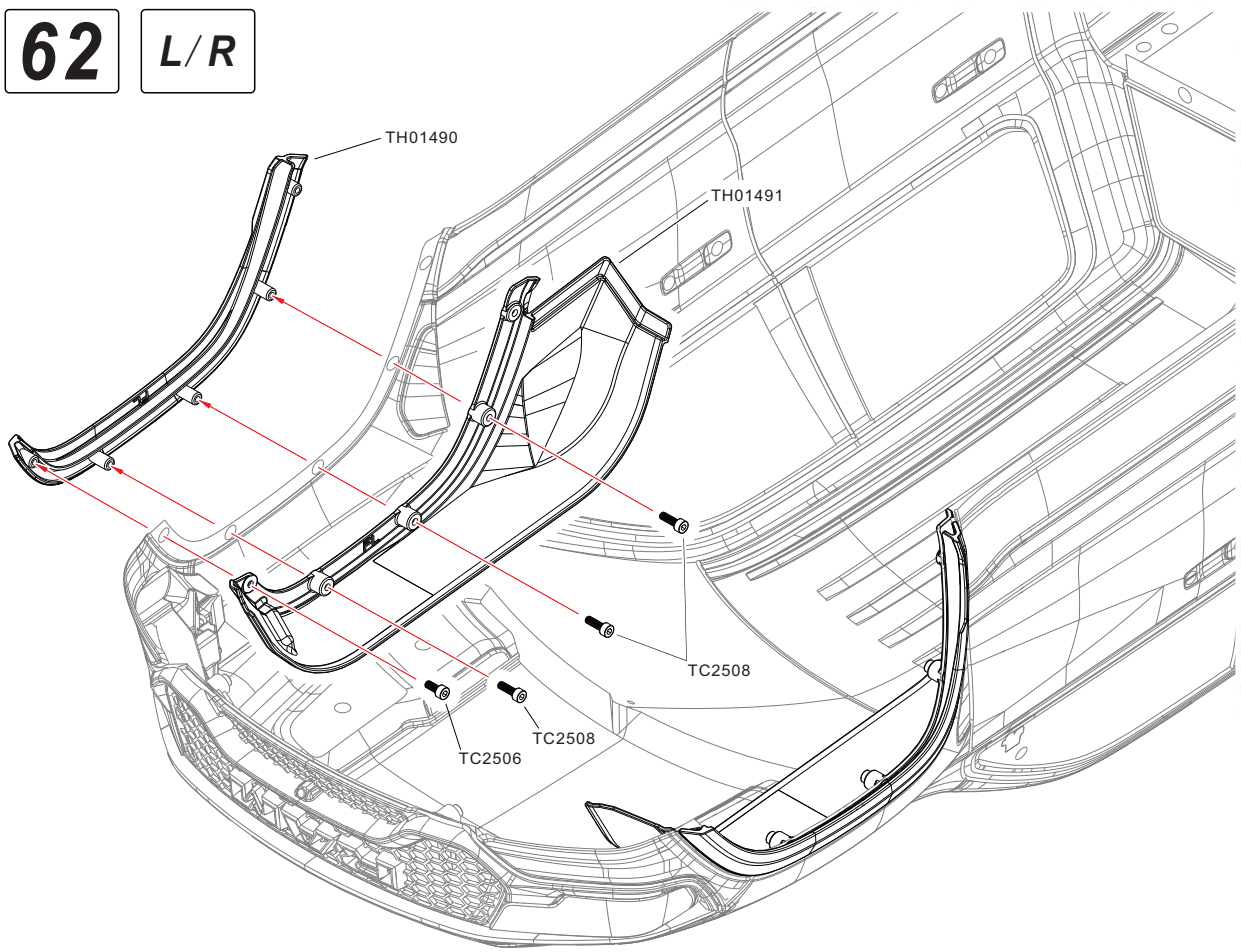
TC2508
M2.5x8mm

x6



TC2506
M2.5x6mm

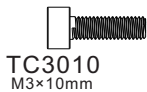
x2



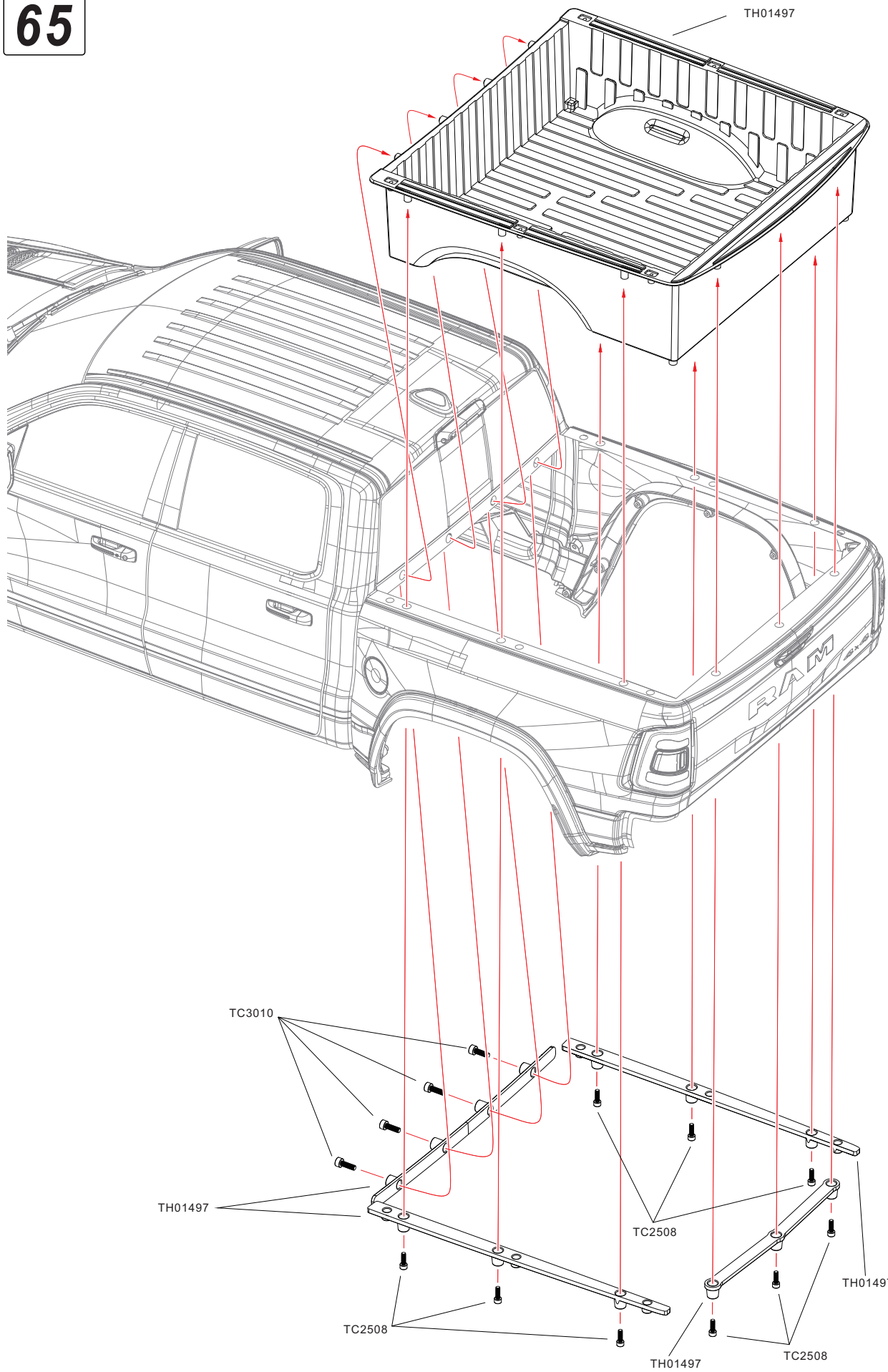
65









x9

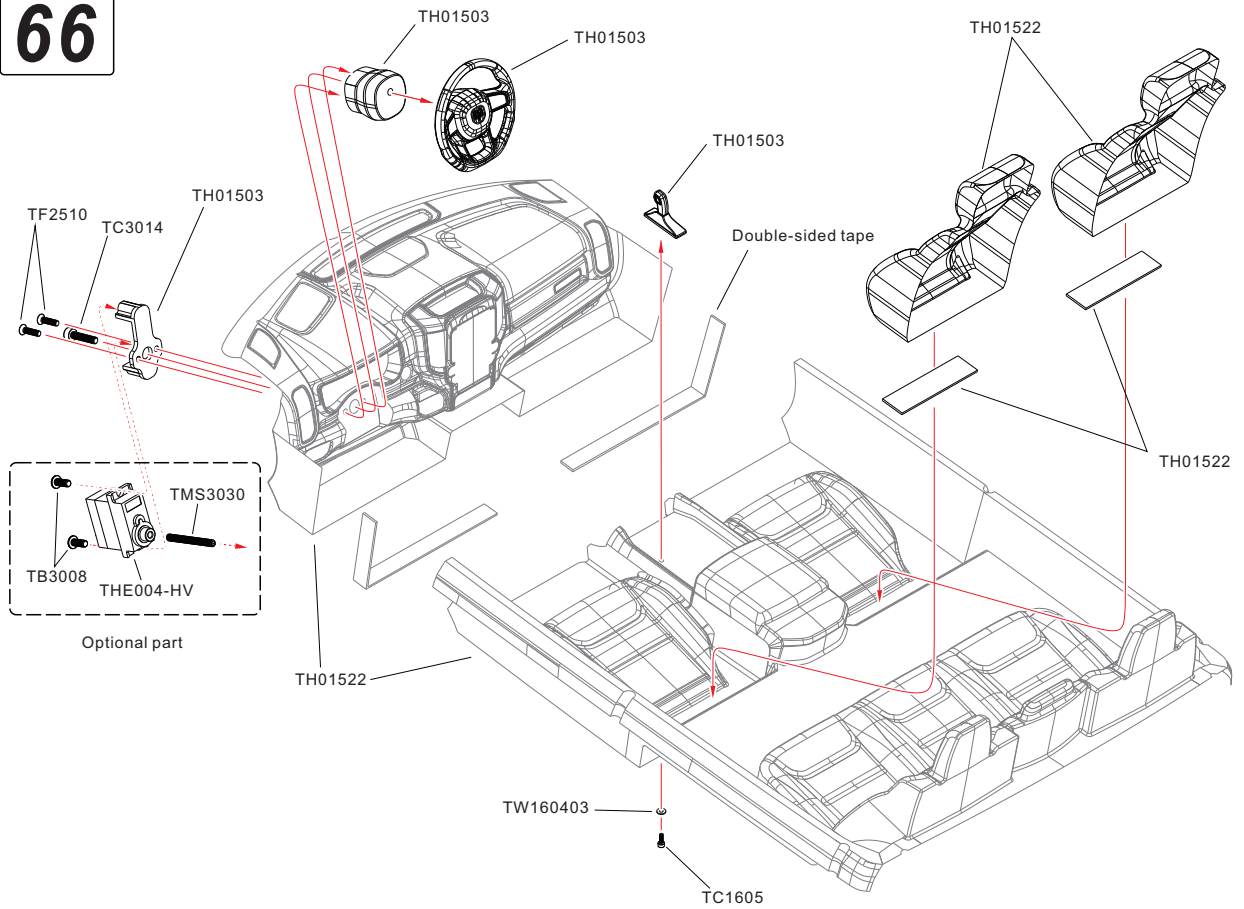


x4

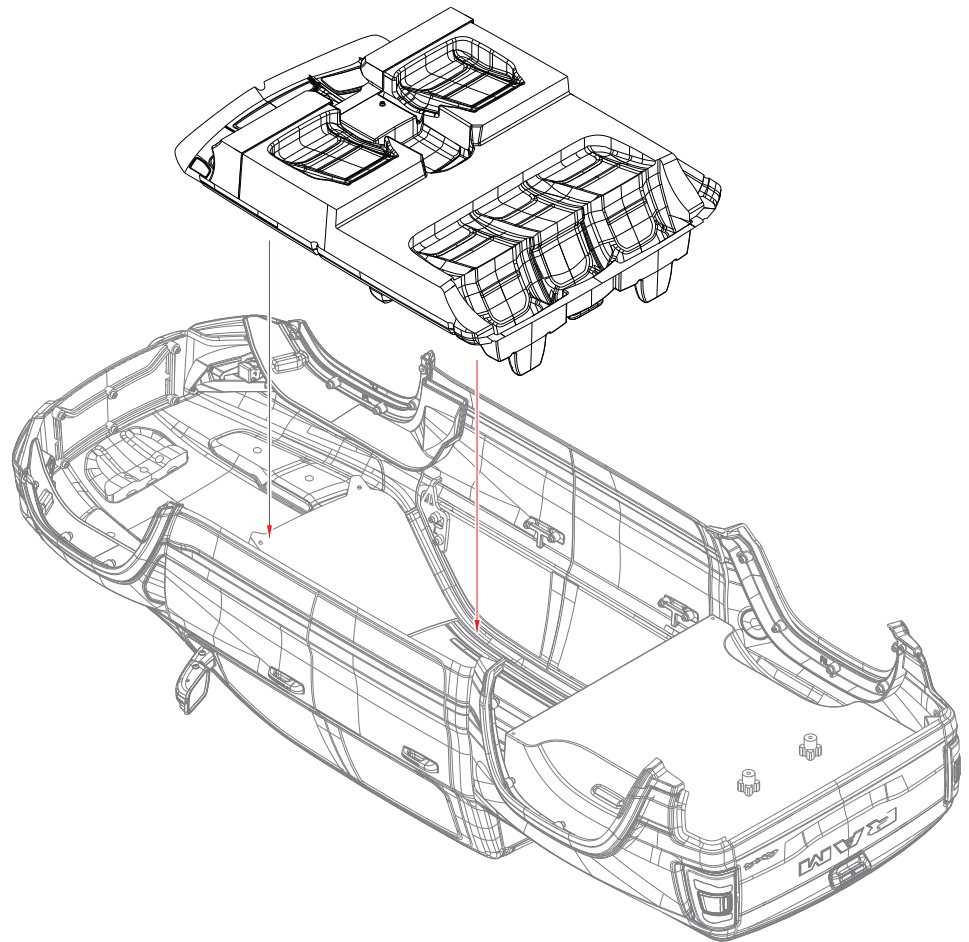


66

-  **TC1605**
M1.6×5mm **x1**
-  **TW160403**
Washer 1.6×4×0.3mm **x1**
-  **TC3014**
M3×14mm **x1**
-  **TF2510**
M2.5×10mm **x2**
-  **TB3008**
M3×8mm **x2**
-  **TMS3030**
M3×30 Set Screw **x1**



67



68



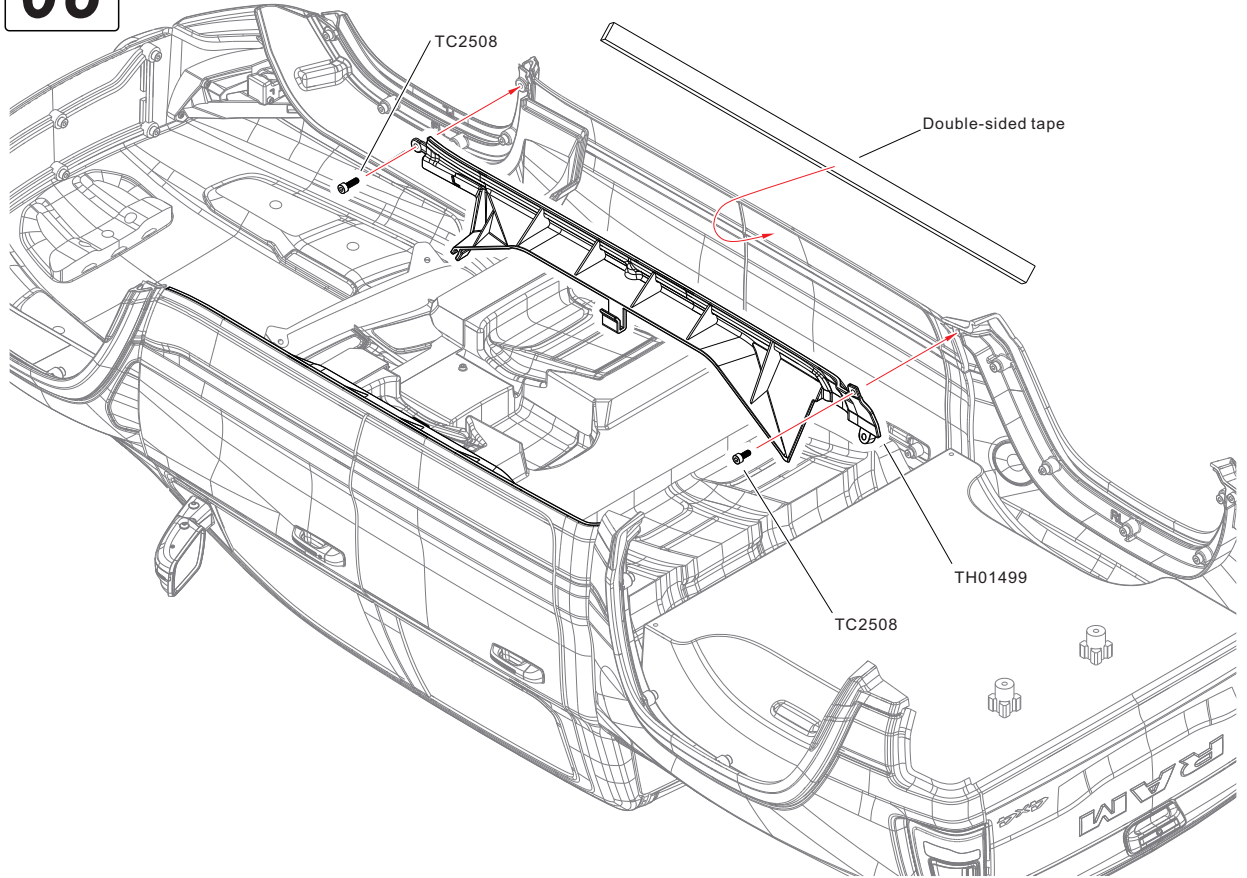
TC2508
M2.5x8mm

x2

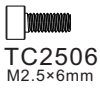


TC2506
M2.5x6mm

x2



68



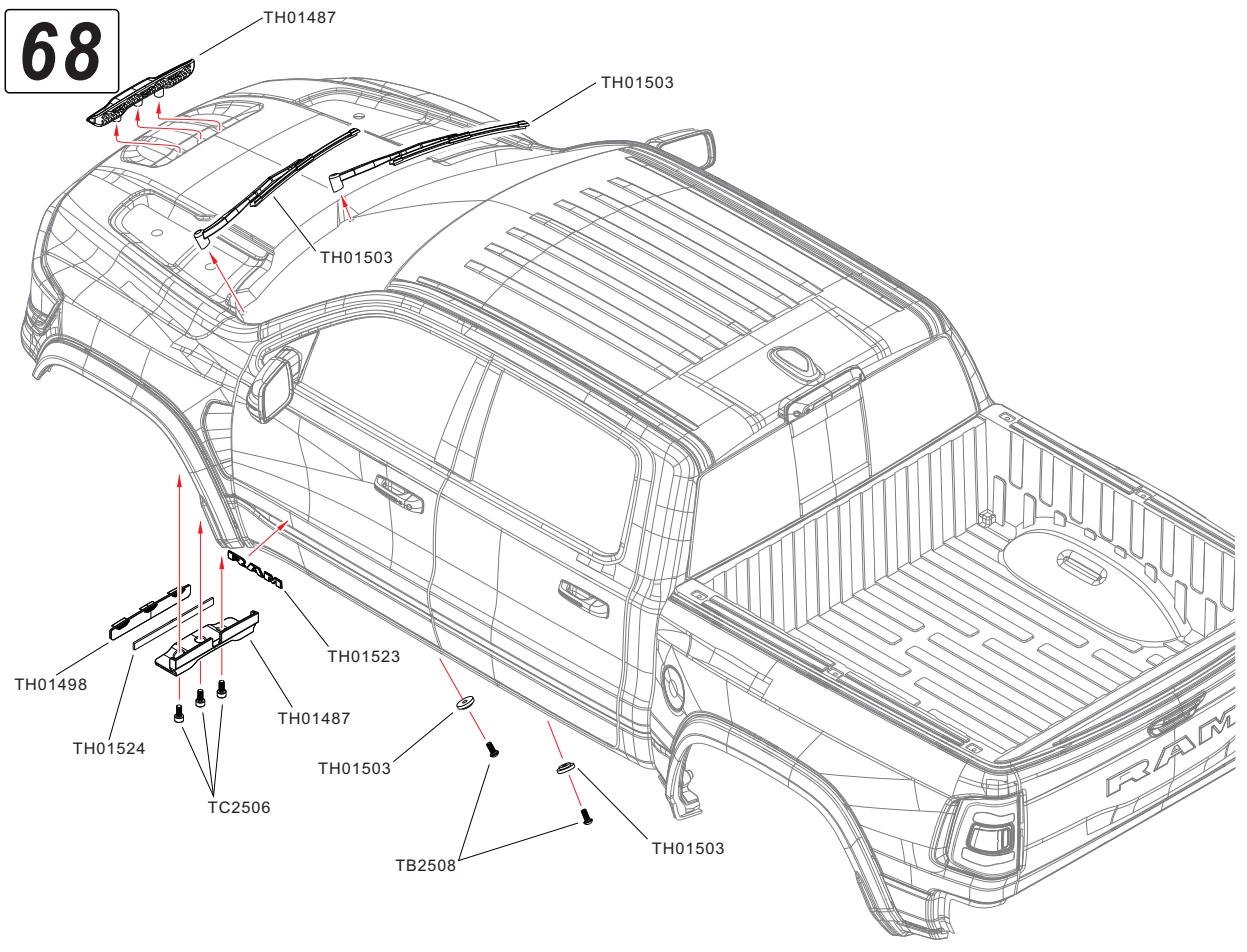
TC2506
M2.5x6mm

x3







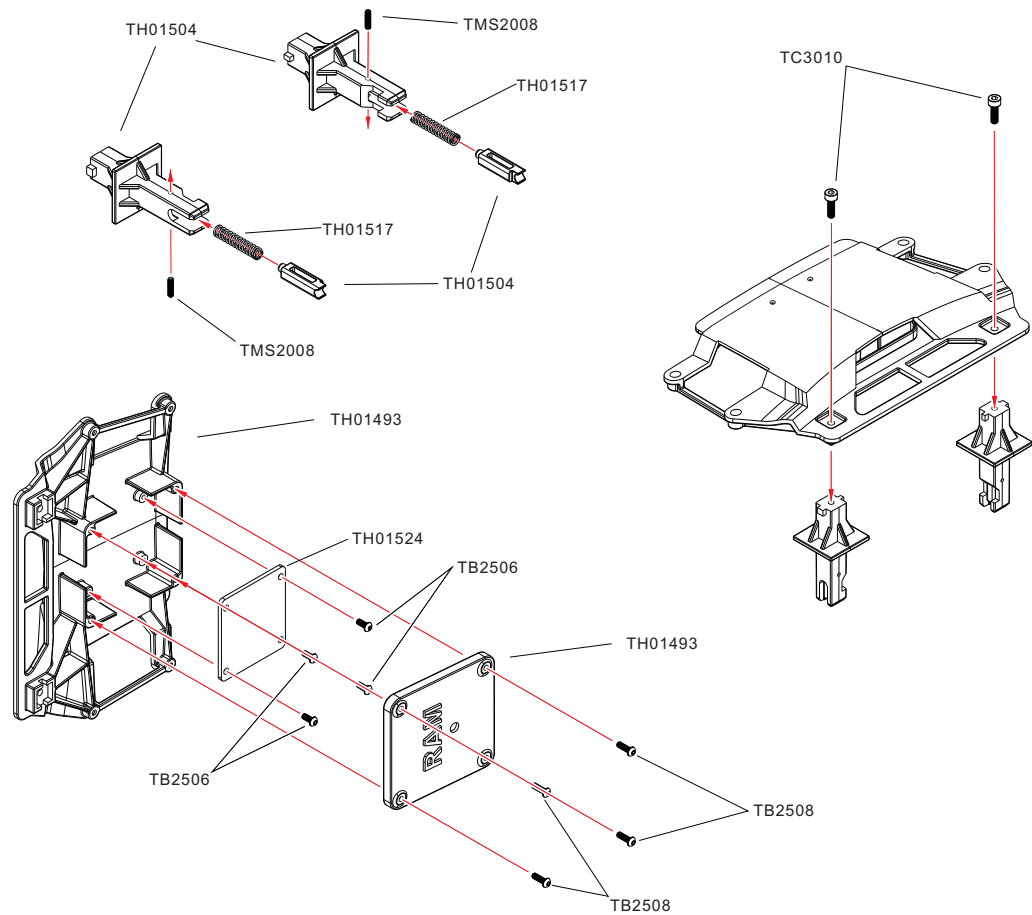
TB2508
M2.5x8mm

x2




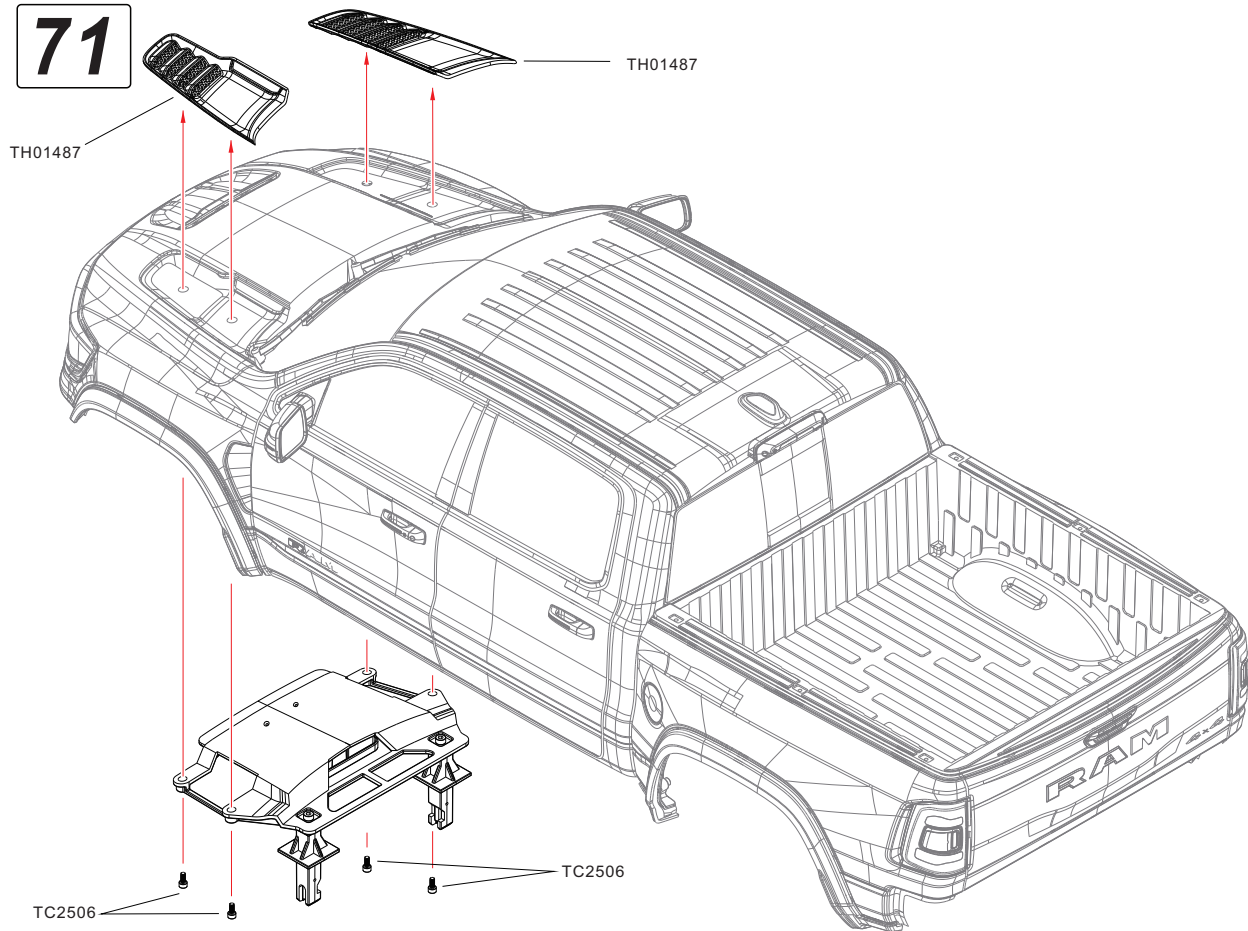
70

-  **TB2506**
M2.5×6mm **x4**
-  **TB2508**
M2.5×8mm **x4**
-  **TC3010**
M3×10mm **x2**
-  **TMS2008**
M2×8 Set Screw **x2**



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-  **TC2506**
M2.5×6mm **x4**



72



TB3004
M3×4mm

x2



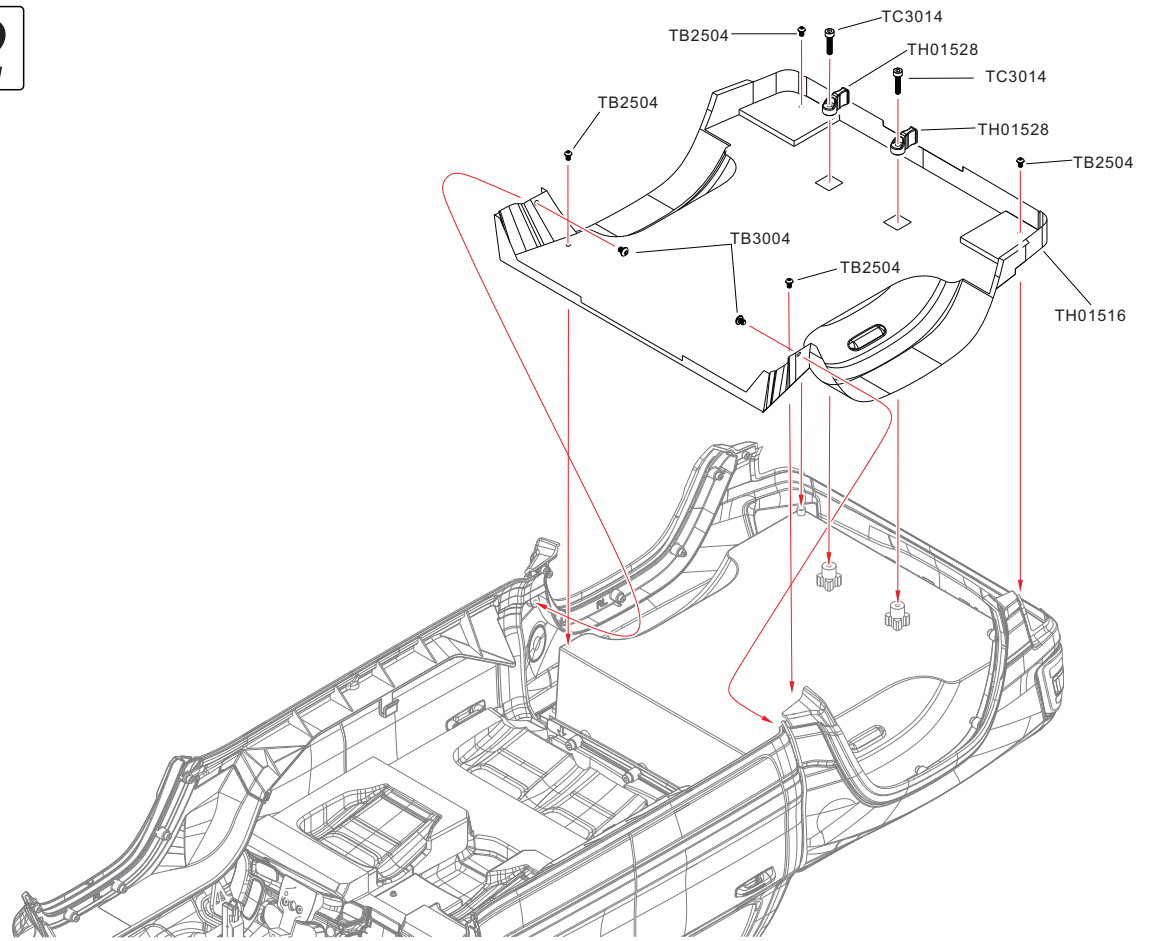
TB2504
M2.5×4mm

x4



TC3014
M3×14mm

x2



73



TC3008
M3×8mm

x24



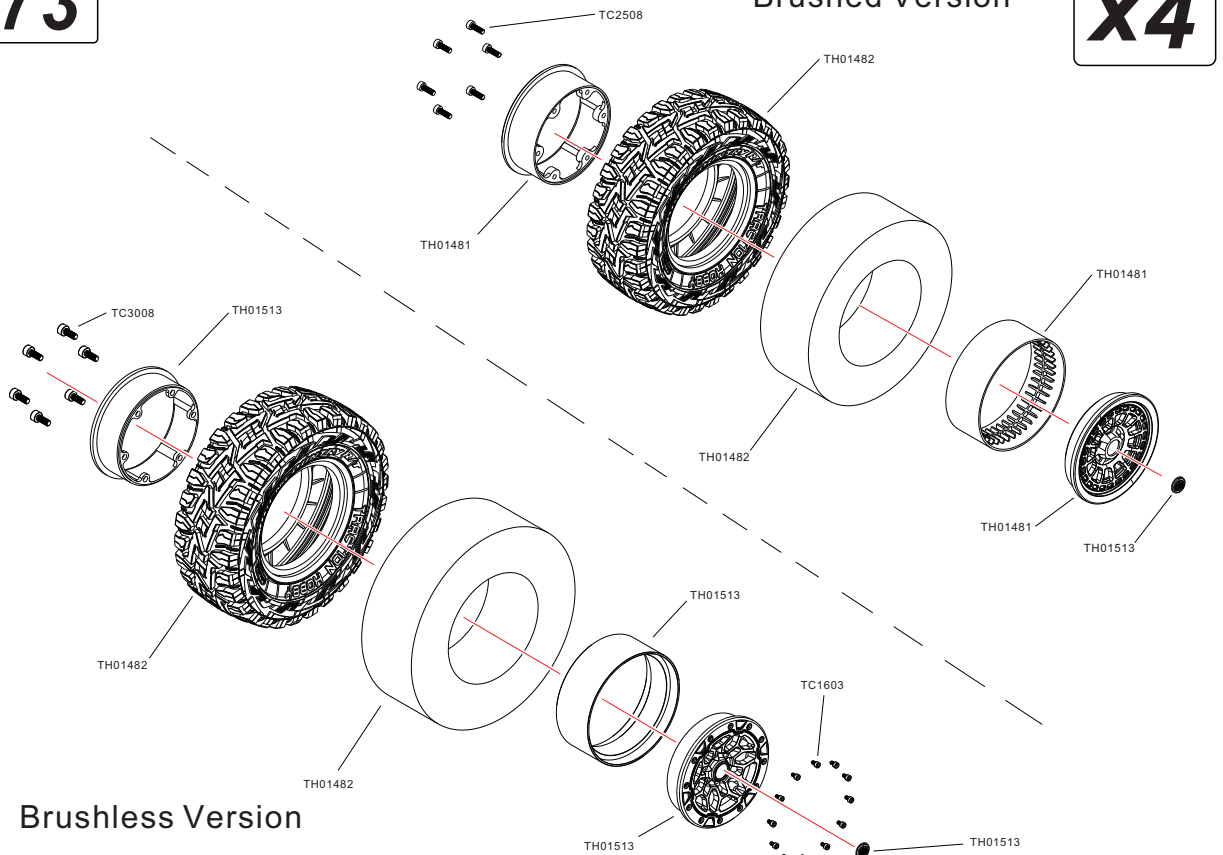
TC1603
M1.6×3mm

x48




TC2508
M2.5×8mm

x24




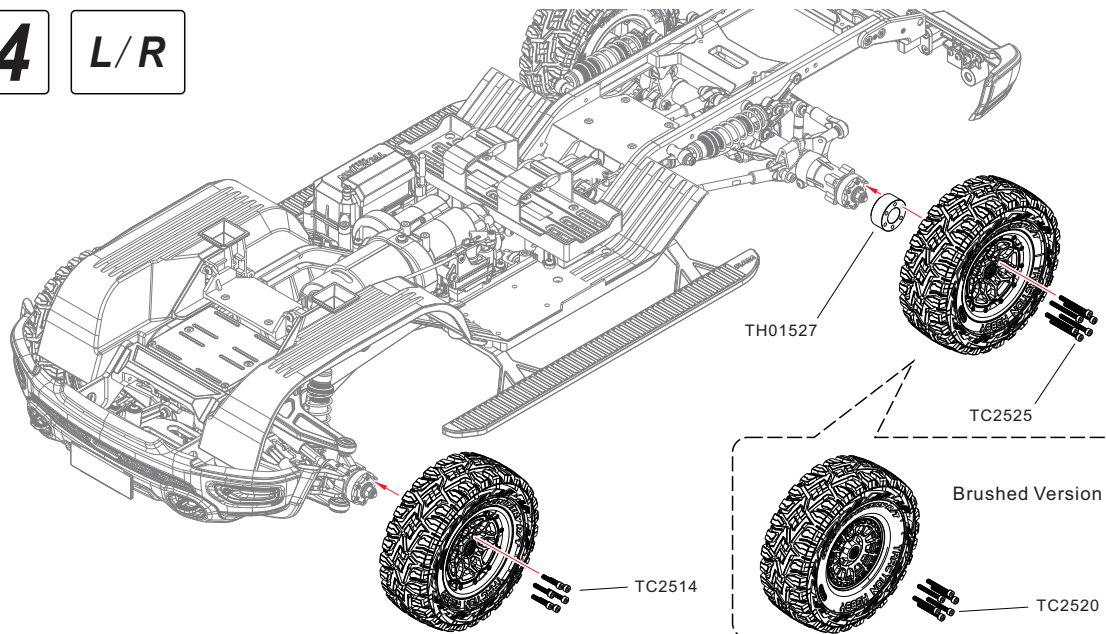
74

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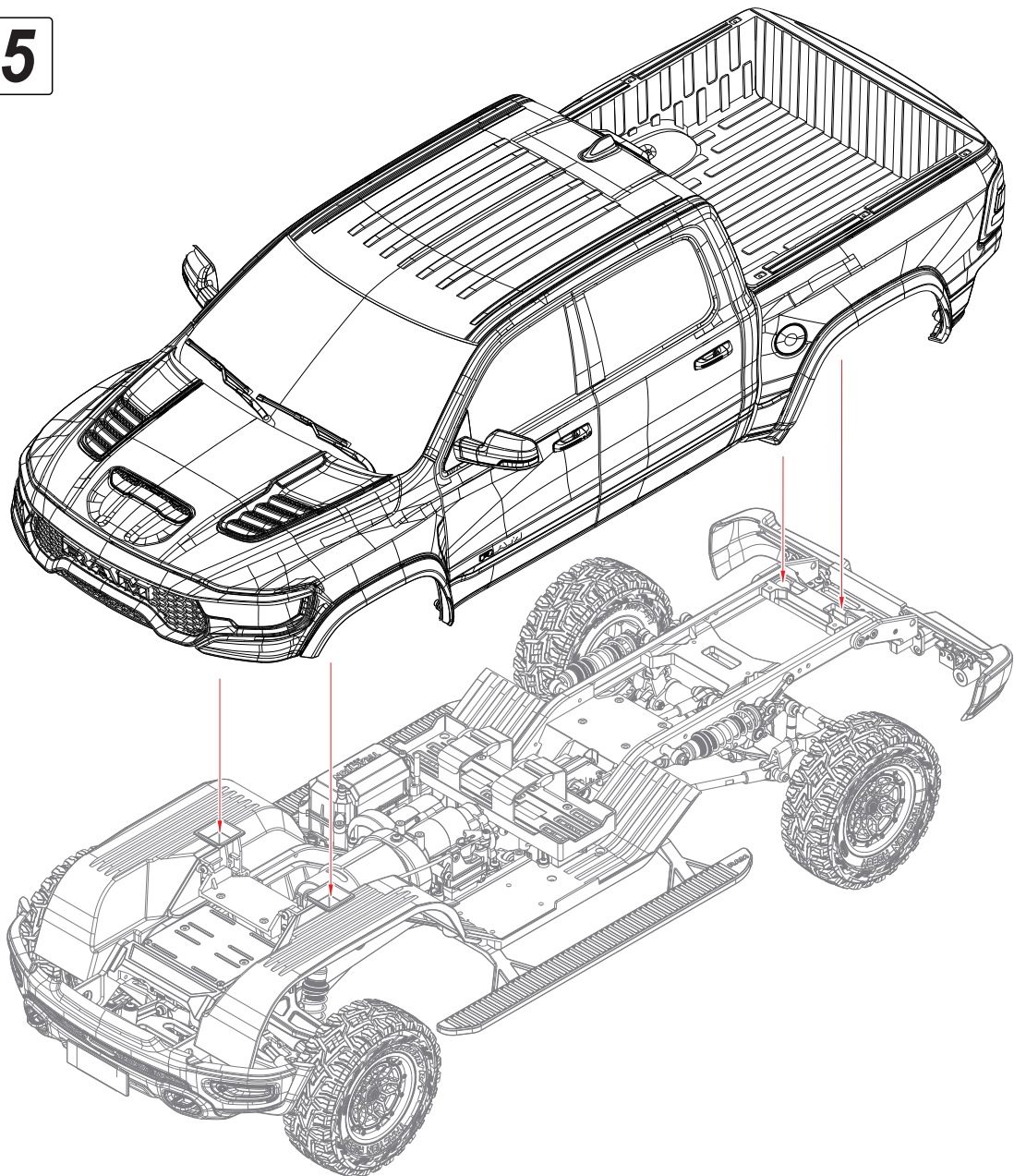
 **TC2525**
M2.5×25mm **x12**

 **TC2514**
M2.5×14mm **x12**

 **TC2520**
M2.5×20mm **x12**



75



Parts package list

| Number | Description | Number | Description | Number | Description |
|---------|--------------------------------------|-----------|-------------------------------------|-----------|---------------------------|
| TH01002 | Limited-Slip Plate | TH01326 | Receiver box cover | TB3022 | M3x22 Button Head Screw |
| TH01005 | Motor Base | TH01330 | Rear Thrust Rod | TB3025 | M3x25 Button Head Screw |
| TH01006 | Double-Speed Clutch Brake Block | TH01331 | Strengthened diff lock set | TBB050825 | BearingΦ5×Φ8×2.5 |
| TH01007 | Two/Four-Wheel Drive Servo Arm | TH01334 | Rear axle thrust rod fixing seat | TBB050903 | BearingΦ5×Φ9×3 |
| TH01008 | Differential Lock Steering Arm | TH01468 | Ram Front Differential Lock Wire | TBB051004 | BearingΦ5×Φ10×4 |
| TH01016 | Central Front Drive Shaft | TH01471 | Ram Front Shock Absorber Spring | TBB051104 | BearingΦ5×Φ11×4 |
| TH01017 | Drive Shaft Of The Transmission | TH01481 | Ram Metal Wheel Hub | TBB061204 | BearingΦ6×Φ12×4 |
| TH01018 | 5×30 Shaft | TH01482 | 2.2 Wilderness Tires | TBB071103 | BearingΦ7×Φ11×3 |
| TH01019 | Double-Speed Splined Shaft | TH01485 | Ram Door Handle | TBB071304 | BearingΦ7×Φ13×4 |
| TH01020 | Broken Transmission Splined Shaft | TH01486 | Ram Rearview Mirror | TBB101504 | Bearing Φ10×Φ15×4 |
| TH01021 | Two-Speed Shift Brake Shaft | TH01487 | Ram Heat Sink | TBB121804 | BearingΦ12×Φ18×4 |
| TH01022 | Interrupted Transmission Brake Shaft | TH01488 | Ram Front Radiator Grille | TBB152104 | BearingΦ15×Φ21×4 |
| TH01023 | Differential Spider | TH01489 | Headlamps | TC1603 | M1.6×3 Cap Head Screw |
| TH01024 | 30T Differential Gear | TH01490 | Ram Wheel Header | TC1605 | M1.6×5 Cap Head Screw |
| TH01025 | Small Umbrella Gear 110T | TH01491 | Ram Wheel Arch Fixed Strip | TC1606 | M1.6×6 Cap Head Screw |
| TH01026 | 14T Differential Internal Gear | TH01492 | High Mount Stop Lamp | TC1608 | M1.6×8 Cap Head Screw |
| TH01027 | 10T Differential Internal Gear | TH01493 | Ram Radiator Mounting Bracket | TC2003AS | M2×3 Cap Head Screw |
| TH01028 | Double-Speed Synchronizer | TH01494 | Ram Car Side Panel | TC2006 | M2×6 Cap Head Screw |
| TH01029 | Transmission Broken Synchronizer | TH01495 | Ram Front Mudguard | TC2506 | M2.5×6 Cap Head Screw |
| TH01030 | Double-Speed Fork | TH01496 | Ram Front Anti-Collision | TC2508 | M2.5×8 Cap Head Screw |
| TH01031 | Interrupted Transmission Fork | TH01497 | Ram The Rear Cargo Bed | TC2510 | M2.5×10 Cap Head Screw |
| TH01032 | 17T First Gear Driving Gear M0.7 | TH01498 | Headlamp Lens | TC2514 | M2.5×14 Cap Head Screw |
| TH01033 | 29T Second Gear Driving Gear M0.7 | TH01499 | Ram Side Rail Fixing Strip | TC2525 | M2.5×25 Cap Head Screw |
| TH01034 | 29T Synchronous Gear Teeth m0.7 | TH01500 | Ram Side Footrest | TC3008 | M3×8 Cap Head Screw |
| TH01035 | 17-29Compound Teeth m0.7 | TH01501 | Ram Independent Guard Plate | TC3010 | M3×10 Cap Head Screw |
| TH01036 | 23Tsplitted Idler Gear Teeth m0.7 | TH01502 | Ram Front Swing Arm | TC3014 | M3×14 Cap Head Screw |
| TH01037 | 14T Motor Teeth m0.8Φ5 | TH01503 | Ram Wiper Wash | TC3018 | M3×18 Cap Head Screw |
| TH01044 | 5.8 Shocks Ball Bearing | TH01504 | Ram Car Body Clip Spring Seat | TC3020 | M3×20 Cap Head Screw |
| TH01051 | Steel Wire Clamping Clip | TH01505 | Ram Wide-Angle Lampshade | TC3035 | M3×35 Cap Head Screw |
| TH01055 | Gear 17T | TH01506 | Tail Light Cover | TF2506 | M2.5×6 Flat Head Screw |
| TH01057 | Gear Box Brake Ball Bearing | TH01507 | Front Bumper Mounting Bracket | TF2510 | M2.5×10 Flat Head Screw |
| TH01059 | Rear Axle | TH01508 | Ram Steering Rod | TF3006 | M3×6 Flat Head Screw |
| TH01064 | Differential Housing | TH01509 | Horizontal Shock Absorber Strut | TF3008 | M3×8 Flat Head Screw |
| TH01065 | Main Reduction Gearbox | TH01510 | Left Shock Absorber Bracket | TF3010 | M3×10 Flat Head Screw |
| TH01066 | Variable Speed Transfer Case | TH01511 | Right Shock Absorber Bracket | TF3012 | M3×12 Flat Head Screw |
| TH01067 | 50Tm Ain Reduction Gear m0.8 | TH01512 | Ram Chassis | TF3014 | M3×14 Flat Head Screw |
| TH01068 | Central Seat | TH01513 | Ram Metal Wheel Hub | TF3016 | M3×16 Flat Head Screw |
| TH01070 | Release Seat For Rear Car Shell | TH01514 | Ram Steering Seat | TF4008 | M4×8 Flat Head Screw |
| TH01071 | Servo Mount Kit | TH01515 | 8Mm Integrated Ball Bearing | THP2008 | Φ2.7×8Mm Steel Pin |
| TH01072 | Pull Rod Ball Joint Fastener | TH01516 | Ram Driving Doll | THP2512 | Φ2.5×11.8Mm Steel Pin |
| TH01073 | Shock Absorber Ball Joint Stud | TH01517 | Snap Support Spring | TMN25 | M2.5 Nylon Locknut |
| TH01074 | Battery Tray\ Receiver Box | TH01518 | Snapback Return Spring | TMN30 | M3 Nylon Locknut |
| TH01081 | Equipment Installation Plate | TH01519 | Shock Absorber Ball Joint Fastener | TMN50 | M5 Nylon Locknut |
| TH01106 | Spring D4.3×16mm | TH01520 | Car Body Lock Stopper Push Rod | TMS2008 | M2×8 Set Screw |
| TH01107 | Differential Lock Return Spring | TH01521 | Ram A Car Body Shell | TMS3003 | M3×3 Set Screw |
| TH01108 | Front Differential Lock Wire | TH01522 | Interior decoration of the car body | TMS3005 | M3×5 Set Screw |
| TH01110 | Servo Protection Spring | TH01523 | Ram Metal Tag | TMS3012 | M3×12 Set Screw |
| TH01111 | Limited-Slip Friction Plate | TH01524 | Ram Light Kit | TMS3018 | M3×18 Set Screw |
| TH01115 | Reducer Box Clamp Plate | TH01525 | Front Left Ram CVD | TMS3030 | M3×30 Set Screw |
| TH01192 | 7mm Outward-Turning Ball Stud | TH01526 | Front Right CVD Of Ram | TMS4004 | M4×4 Set Screw |
| TH01193 | 7mm Outward-Turning Ball Stud | TH01527 | 2.2 Hub Gasket 10mm | TMS4006 | M4×6 Set Screw |
| TH01197 | Suspended Steel Pin Shaft | TH01528 | Rear Fixed Handle | TMS4025 | M4×25 Set Screw |
| TH01198 | 87mm shock absorber | TH01529 | Rear Axle Cover | TMS4030 | M4×30 Set Screw |
| TH01199 | 81mm Shock Absorber | TH01530 | Rear Shock Absorber Spring For Ram | TRD10010 | O-Ring D10×1mm |
| TH01200 | 102mm Shock Absorber | TH01533 | Th1623Hv High-Voltage Digital Servo | TRD14501 | O-Ring D14.5×1mm |
| TH01201 | 93mm Shock Absorber | TH01534 | Traction Hobby Labels | TMNF30 | M3 Nylon Flange Locknut |
| TH01202 | Car Shock Absorber Cover | TH01535 | Ram Interior Stickers | TMNF40 | M4 Nylon Flange Locknut |
| TH01203 | Spring Adjustment Seat | TH01536 | Ram Car Window Decal Stickers | TW030701 | Φ3×Φ7×0.1 Washer |
| TH01205 | Three-Hole Piston | TH01537 | Ram Logo Decals | TW030705 | Φ3.2×Φ7×0.5 Washer |
| TH01206 | Ball 5.5mm | TH01538 | Ram Car Window Tint | TW050805 | Φ5×Φ8×0.5 Washer |
| TH01207 | Shock spacer | TH01539 | Ram Car Window Coverings | TW060905 | Φ6×Φ9×0.5 Washer |
| TH01208 | Y-Type Oil Seal 4X7X2.1mm | TH01540 | Ram Front Shock Absorber Assembly | TW061401 | Φ6×Φ14×0.1 Washer |
| TH01209 | Shock cap nut | TH01541 | Ram Rear Shock Absorber Assembly | TW160403 | Φ1.6×Φ4×0.3 Washer |
| TH01220 | Front Suspension Arm | THE004-HV | Th1036Hv High-Voltage Digital Servo | TW320810 | Φ3.2×Φ8×1 Washer |
| TH01221 | Former Independent Base | THE021 | FS G7P+Remote-Control Unit | TWS051005 | M5 Saddle-Type Spring Pad |
| TH01228 | Front Differential Gearbox | KE02013 | Electrical Machinery | | |
| TH01229 | Former Independent Framework | THE009 | Electronic Speed Controller (7.4V) | | |
| TH01230 | Steering Servo Bracket | THE016 | 775 Brushed Motor | | |
| TH01231 | Front Shock Absorber Bracket | THE25 | 2.5mm E-type spring clip | | |
| TH01235 | Rear Wheel Seat | TME70 | 7mm E-type spring clip | | |
| TH01238 | Steering Ball Joint Stud | STB1210 | M1.2×10Head Self-Tapping Screws | | |
| TH01266 | M4×2.5×12mm Machine Pin Shaft | STB1610 | M1.6×10Head Self-Tapping Screws | | |
| TH01267 | Pull Rod Ball Bearing7mm | TB2006 | M2×6 Button Head Screw | | |
| TH01268 | Front Independent Anti-Roll Bar | TB2016 | M2×16 Button Head Screw | | |
| TH01269 | Anti-Roll Bar Ball Joint | TB2504 | M2.5×4 Button Head Screw | | |
| TH01270 | Winch Wire Guide | TB2506 | M2.5×6 Button Head Screw | | |
| TH01272 | Antenna Tube | TB2508 | M2.5×8 Button Head Screw | | |
| TH01273 | Shift Lever Positioning Pin | TB2512 | M2.5×12 Button Head Screw | | |
| TH01274 | 20*250mm magic Cable Ties | TB3004 | M3×4 Button Head Screw | | |
| TH01275 | Tank300 Steering Arm | TB3006 | M3×6 Button Head Screw | | |
| TH01276 | Multi-Link Steering Kit | TB3008 | M3×8 Button Head Screw | | |
| TH01281 | One-Piece Coupling | TB3010 | M3×10 Button Head Screw | | |
| TH01293 | Rear Pull-Up Bar139mm | TB3012 | M3×12 Button Head Screw | | |
| TH01294 | Rear Pull Rod159mm | TB3014 | M3×14 Button Head Screw | | |
| TH01296 | Rear Bumper Mounting Bracket | TB3016 | M3×16 Button Head Screw | | |
| TH01300 | Central Rear Drive Shaft | TB3018 | M3×18 Button Head Screw | | |
| TH01307 | Strengthening The Rear Shaft | TB3020 | M3×20 Button Head Screw | | |

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TRACTION
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1/8 SCALE RAM 1500



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