

# Monster Truck Assembly Guide

555-44400 - Torch

555-44500 - Hooligan

Assembly Instruction & Parts List



**JEGS.com**

1-800-345-4545

# Precautions

## Precautions With Small Children

- For children under the age of 13, parental guidance is recommended when running.

## Assembly Precautions

- Choking hazard. Do not assemble near small children.
- Check the contents carefully before assembly. Please contact Customer Service at: 1.800.345.4545 if you have any defective or missing items.
- Carefully read through this manual, and familiarize yourself with the instructions.
- Many different tools are required during assembly. For safety purposes, please use the correct tools.
- Exercise caution when using sharp tools such as a hobby knife.
- Many different materials are used in the construction of these parts. Use extra care when handling parts with sharp edges, such as machined metal components.
- When cutting plastic parts, watch for any flying parts.
- Try to assemble any rotating parts or drivetrain parts as carefully as possible.
- Bundle wires neatly away from the ground or any moving drivetrain components. Make sure that all wires are securely connected to prevent electrical shorting.

## Precautions Before Running

- Some models may exceed speeds of 25 mph. Practice common sense and run the car in open safe places, or R/C car tracks.
- Do not run the car on public roads with high amounts of traffic, or in areas that may cause an inconvenience to people in that area.
- R/C cars are controlled using a radio frequency. In a worst-case scenario radio interferences may cause loss of control.
- If others near you are running R/C cars, confirm that they are not running on the same frequency.
- This unit is manufactured with waterproof electronics, but it should not be submerged in water for extended periods of time.
- The drivetrain of an R/C car consists of many moving parts like gears, shafts, and tires. Avoid touching these areas when the battery is connected.
- Many parts of an R/C car will become hot after running. Allow the parts to sufficiently cool before conducting any maintenance.

## Beginning a Run

1. Place the R/C car so that the wheels are off the ground.
2. Confirm that the speed controller switch is OFF, and connect the motor and battery.
3. Switch the transmitter ON. (Do not use the transmitter with low voltage. Ensure that the transmitter batteries are good before use)
4. Turn the speed controller switch ON.

## Ending a Run

1. Turn the speed controller switch OFF.
2. Disconnect the battery.
3. Turn the transmitter switch OFF.

## Battery Usage

(Carefully read the instruction included with the batteries.)

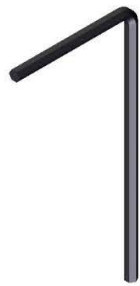
- When charging batteries, ensure nothing flammable is in the surrounding area. Also avoid charging in high-temperature locations.
- When charging batteries, be sure to frequently monitor the battery. Unattended, it could pose a fire hazard.
- If the battery reaches 122° F or more, stop charging.
- Batteries will become hot after running. Continuous use of the battery pack may result in damage to the cells. Allow the battery too cool down before re-charging. Using a battery conditioner after running may prolong the life and performance of the battery.
- Please do not discard old battery packs in the trash. Locate a battery disposal center.

## Motor Usage

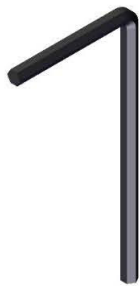
(Carefully read the instruction included with the motor.)

- Connecting a 7.2V battery directly to the motor can be very dangerous.
- Choose the appropriate gear ratio that matches the motors power characteristics.
- Using a gear ratio not suited to the characteristics of the motor will not only prevent the motor from performing at its optimum, but may damage the other electronics.
- Motors will generally become very hot after running. Continuous running will reduce the life of the motor. Allow the motor to sufficiently cool between each run.

## Tools Required



1.5 mm



2.0 mm



2.5 mm

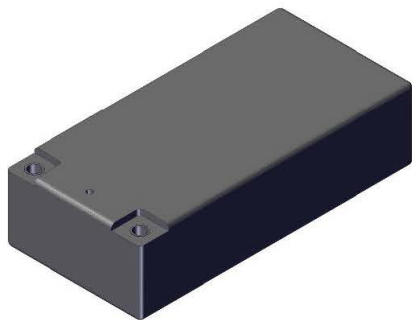


Socket  
Wrench

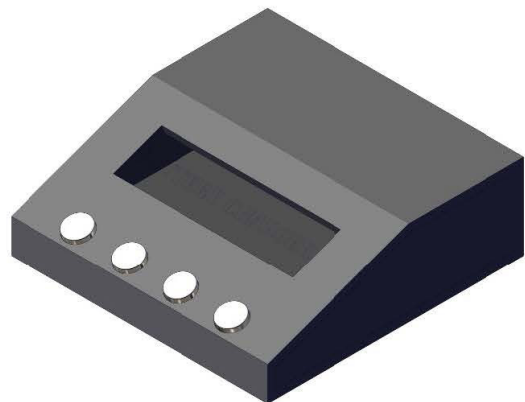


Philips Screwdriver  
(Not Included)

## Equipment Required



Battery  
(Not Included)



Battery Charger  
(Not Included)



Gear Grease  
(Not Included)



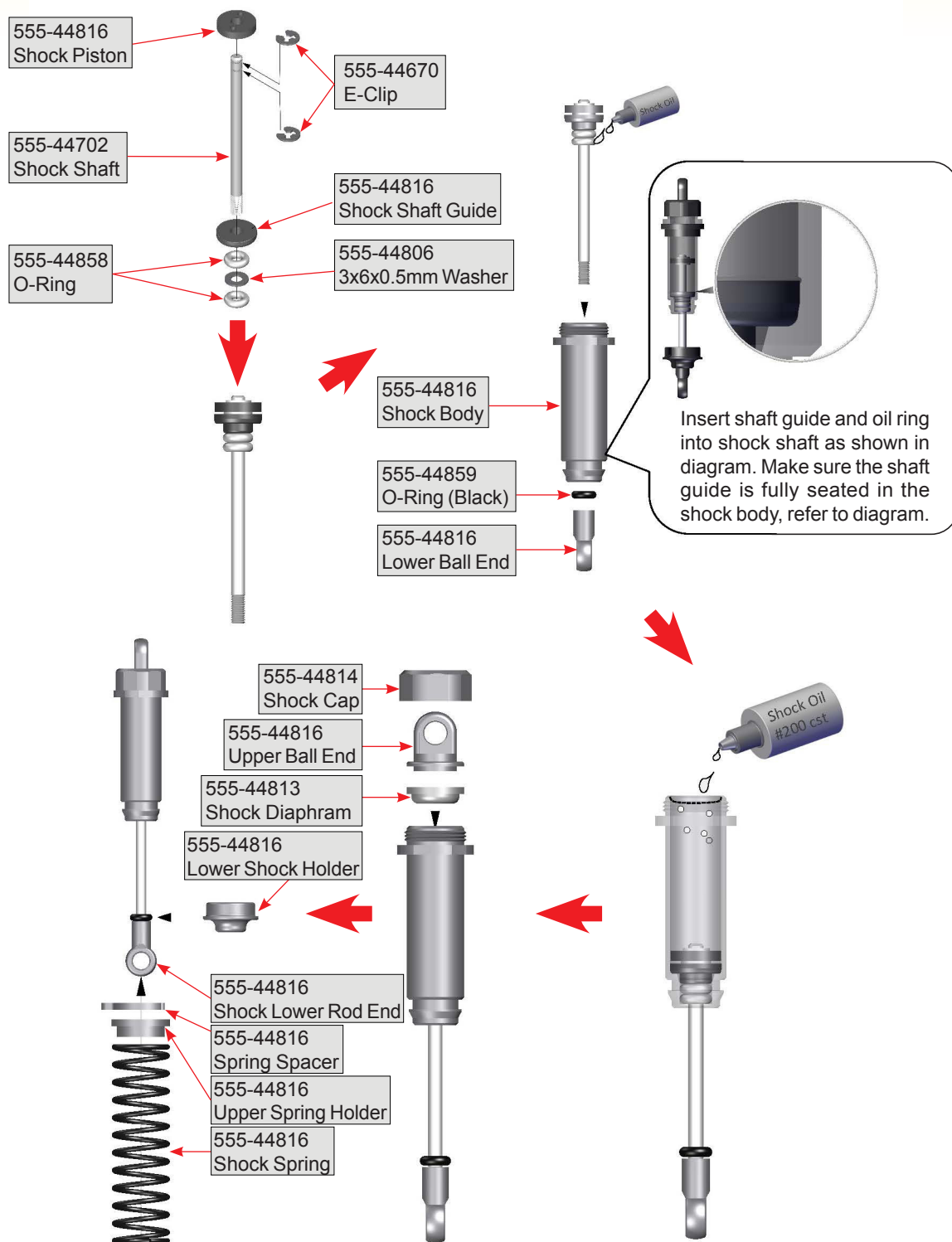
Shock Oil [Silicone]  
(Not Included)



Threadlock  
(Not Included)

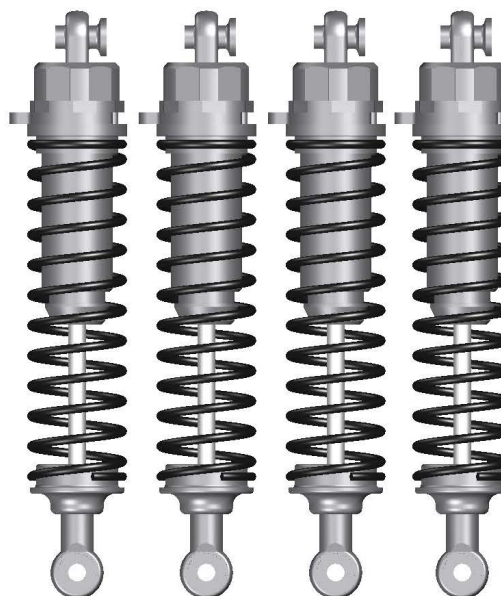
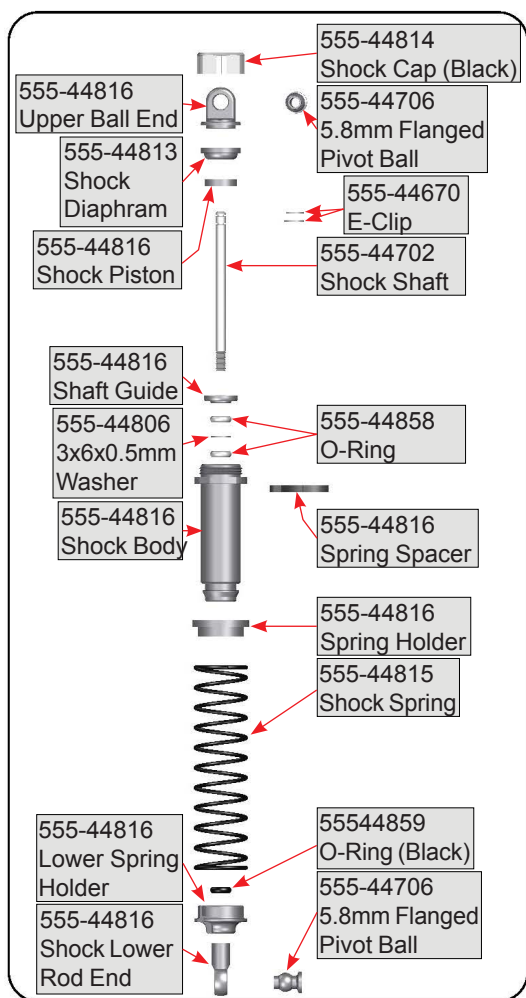
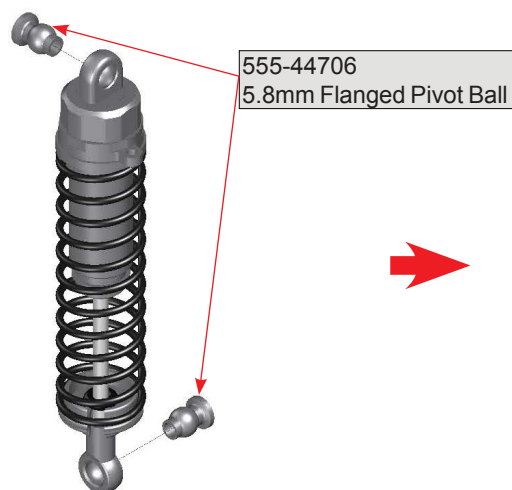
# Shock Assembly

## Bag A



# Shock Assembly Continued

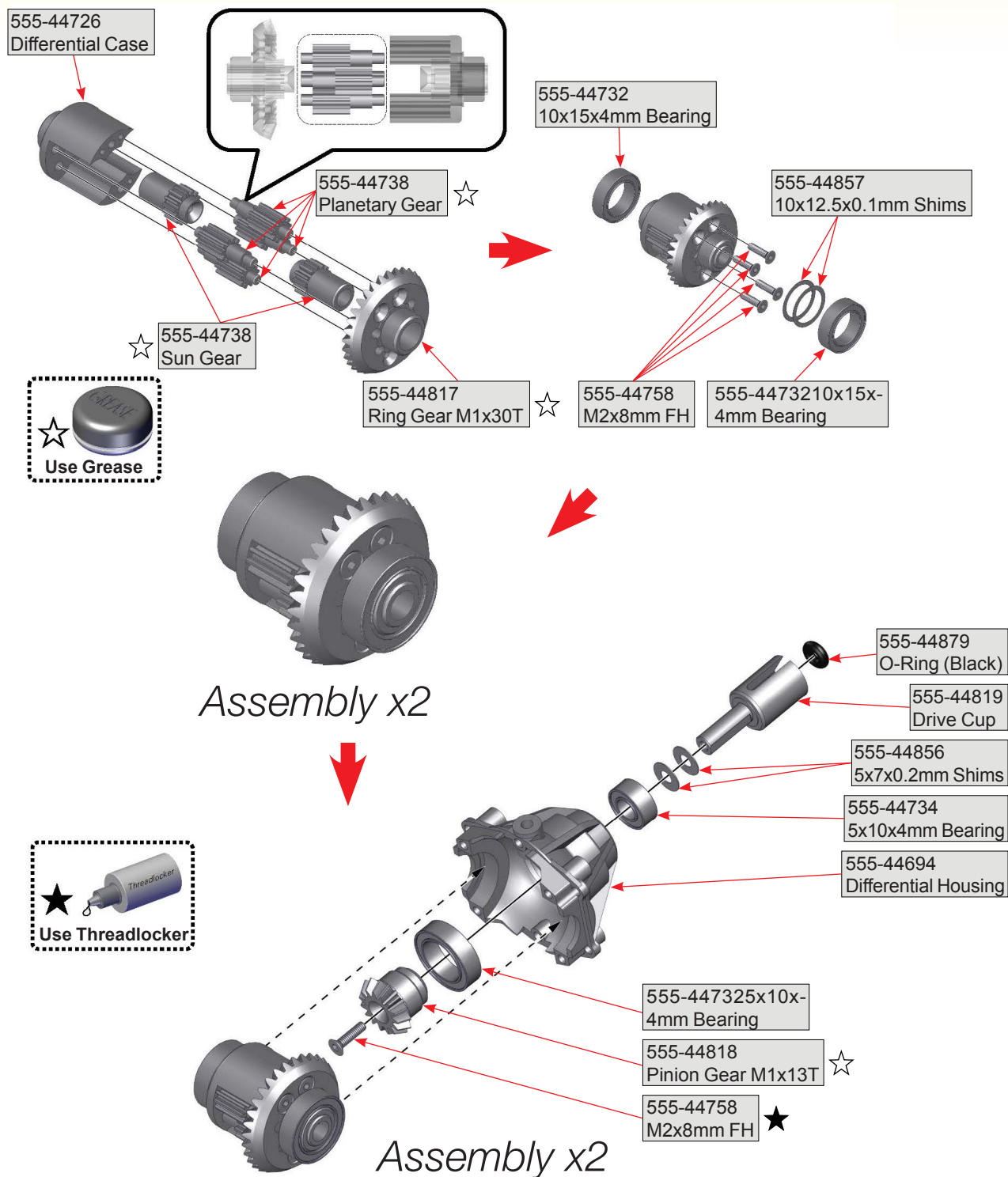
Bag A



Assembly x8

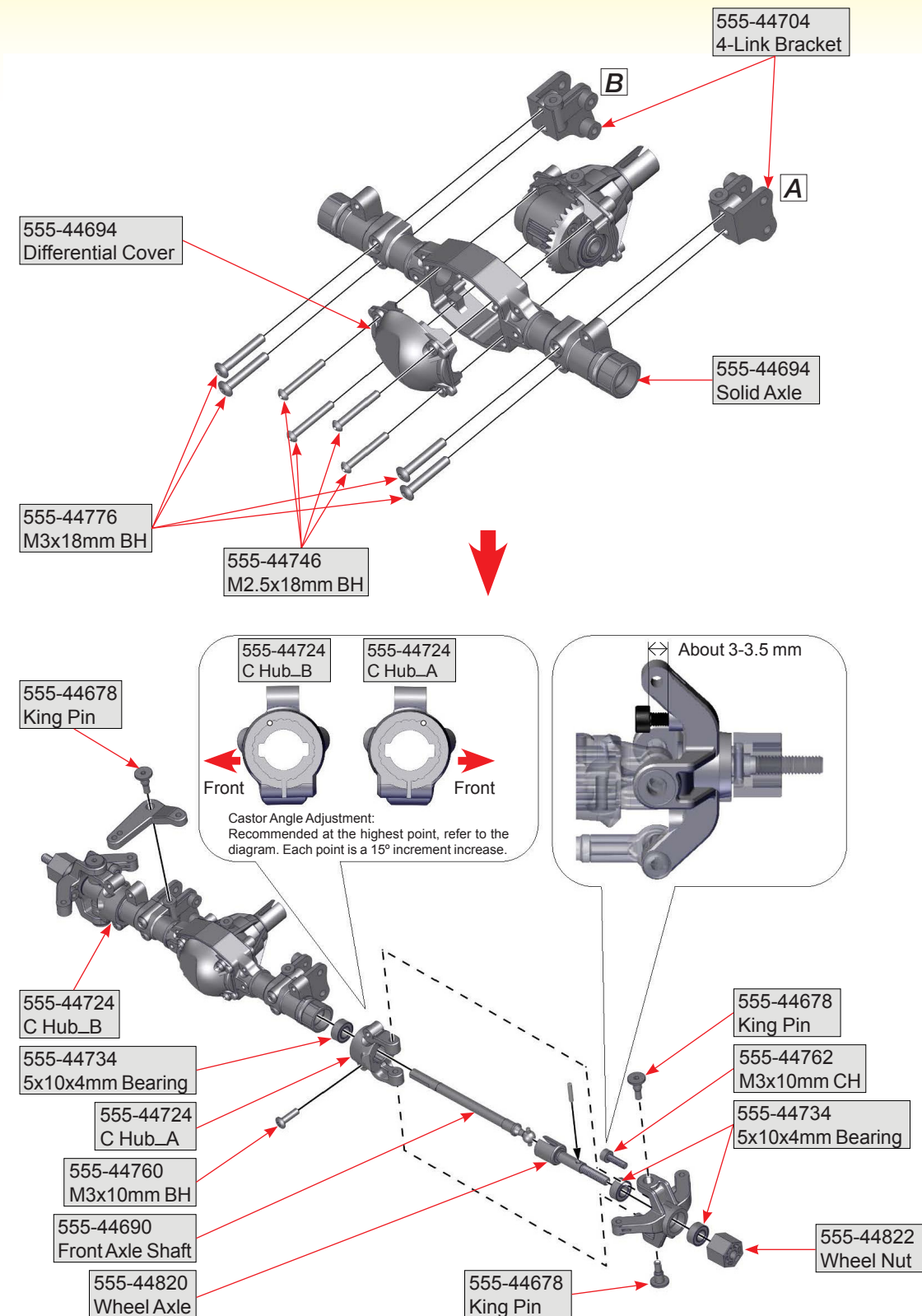
# Front & Rear End Assemblies

Bag B



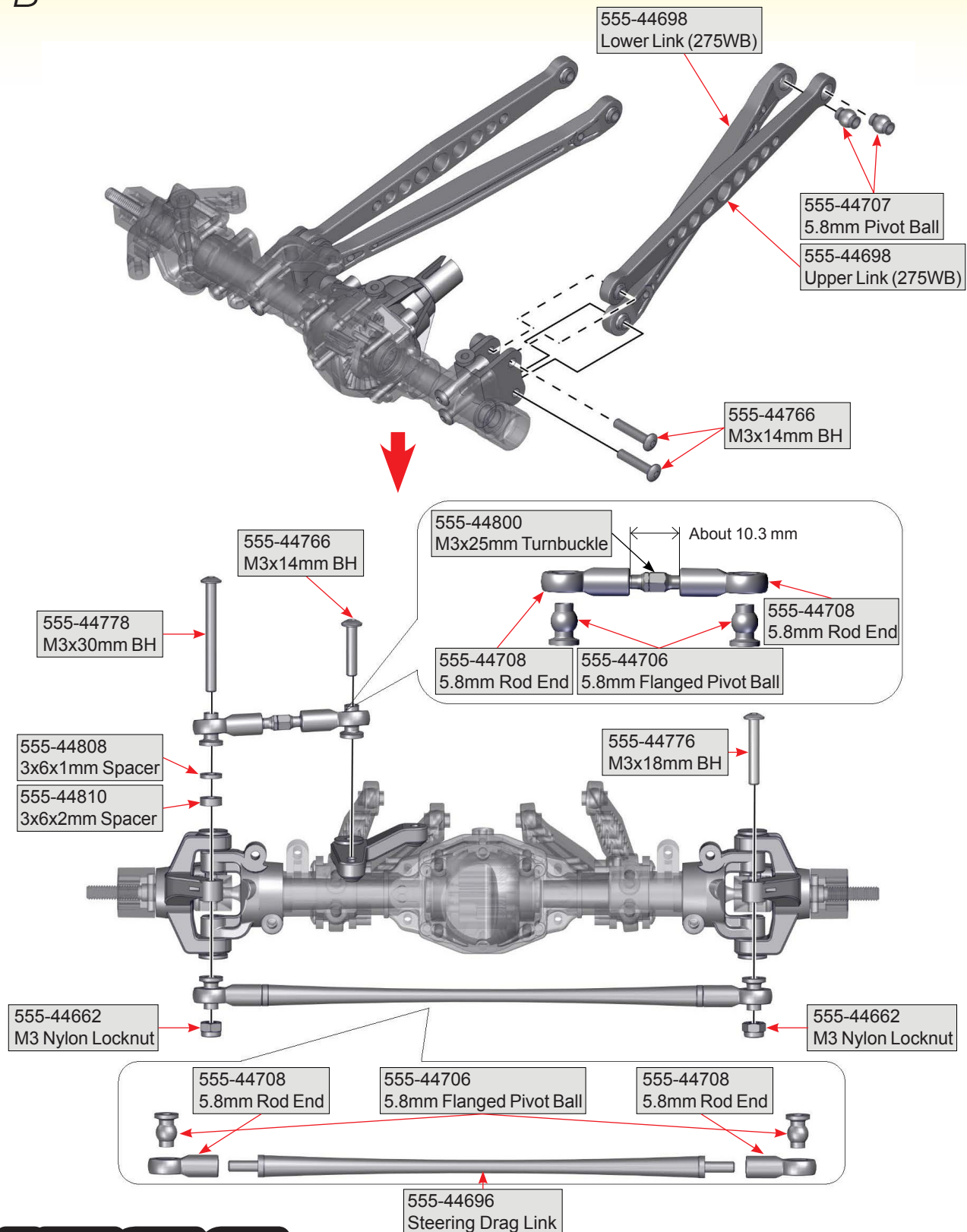
# Front End Assembly

## Bag B



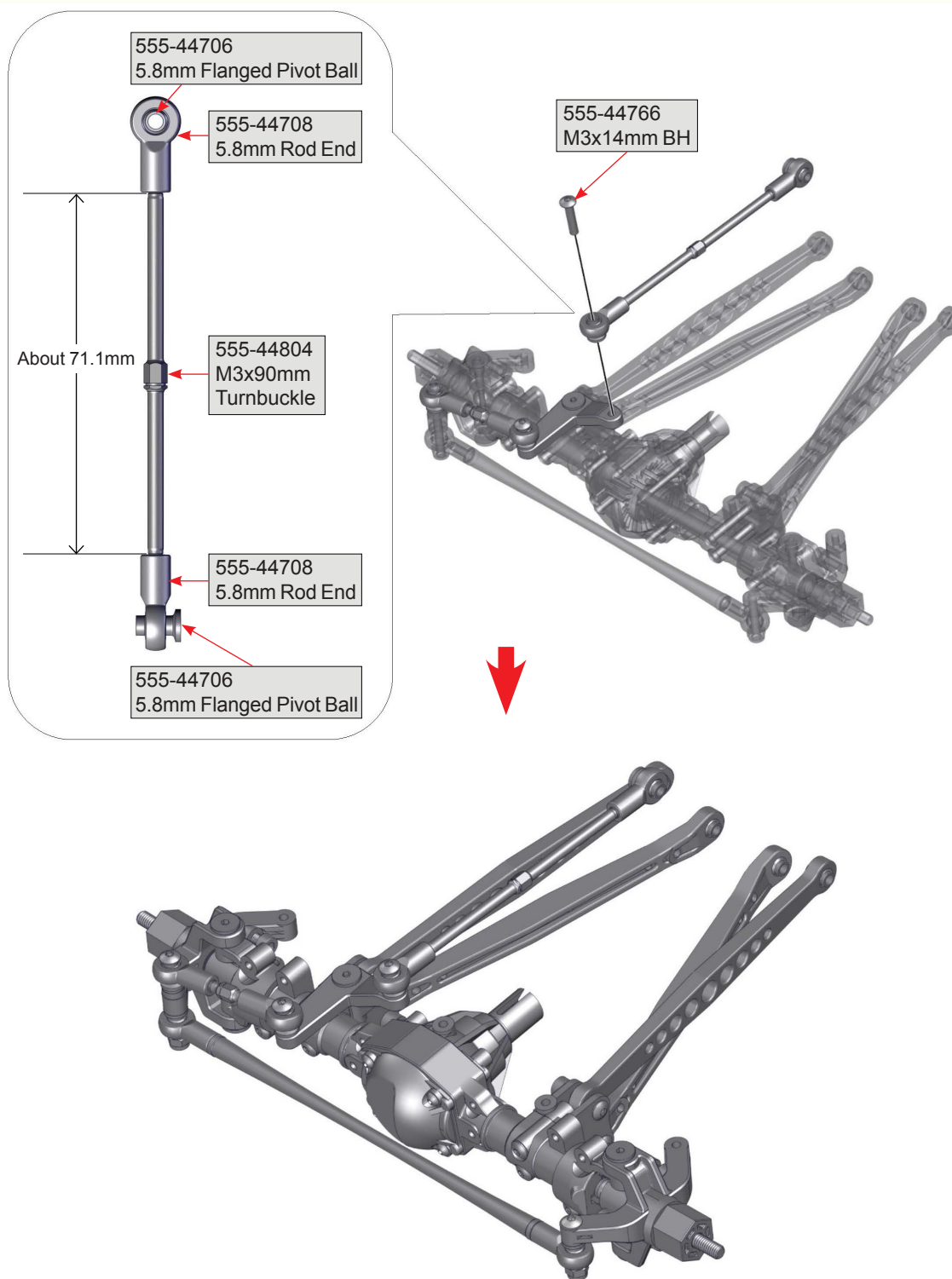
# Front End Assemblies Continued

Bag B



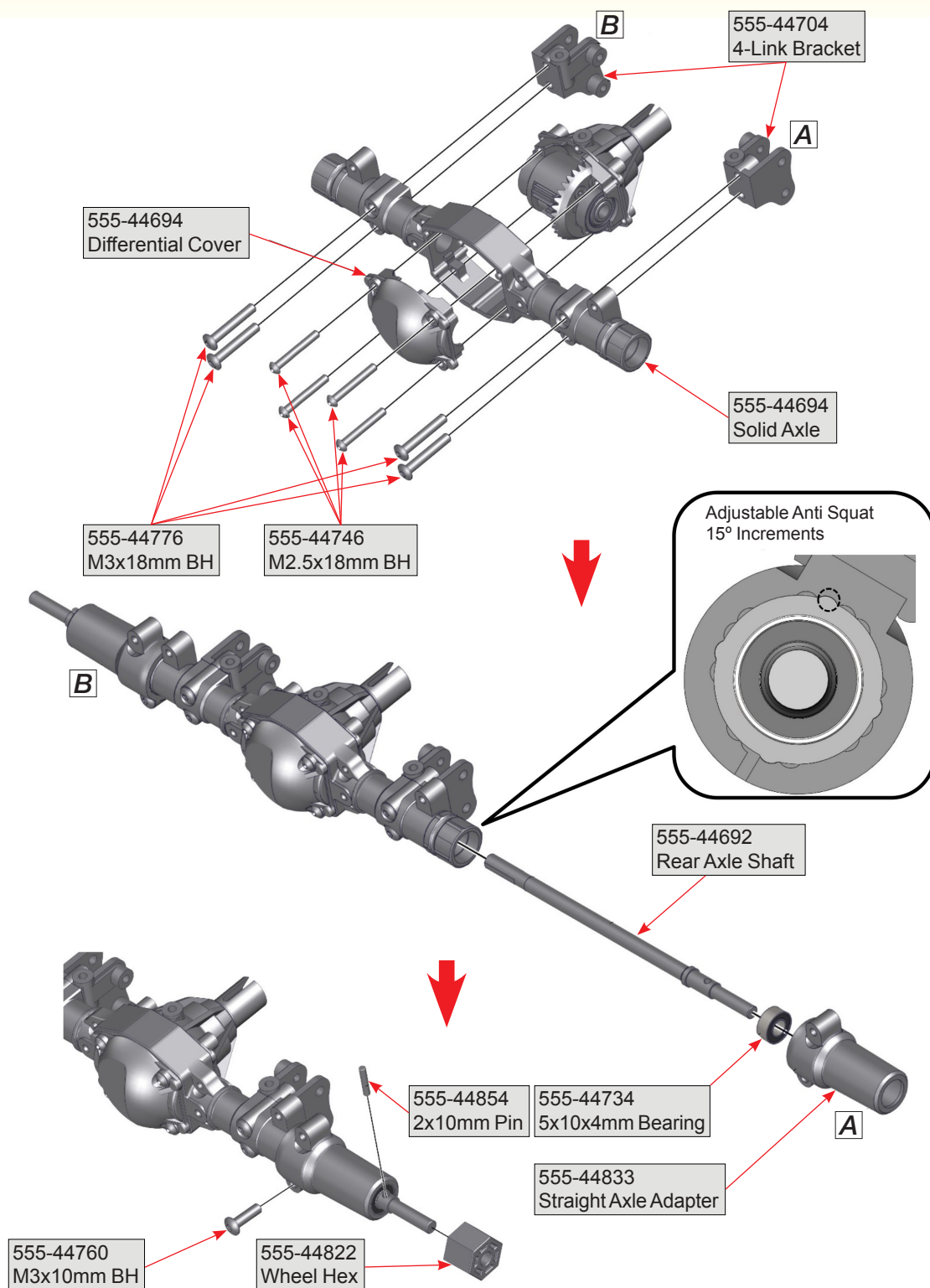
# Front End Assemblies Continued

Bag B



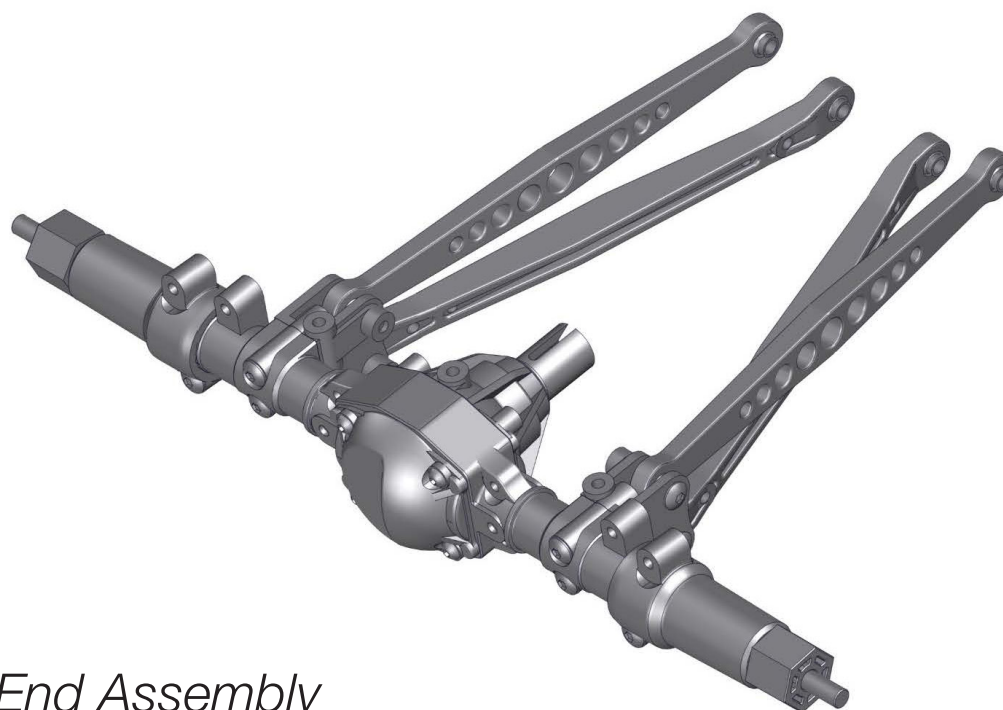
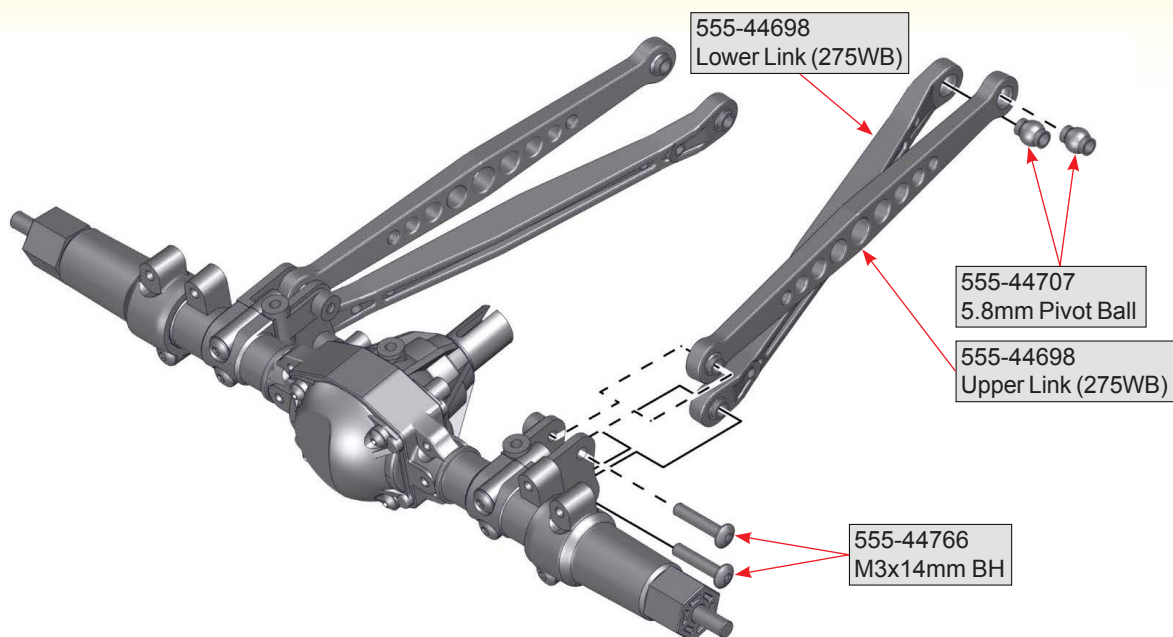
# Rear End Assemblies

Bag B



# Front & Rear End Assemblies

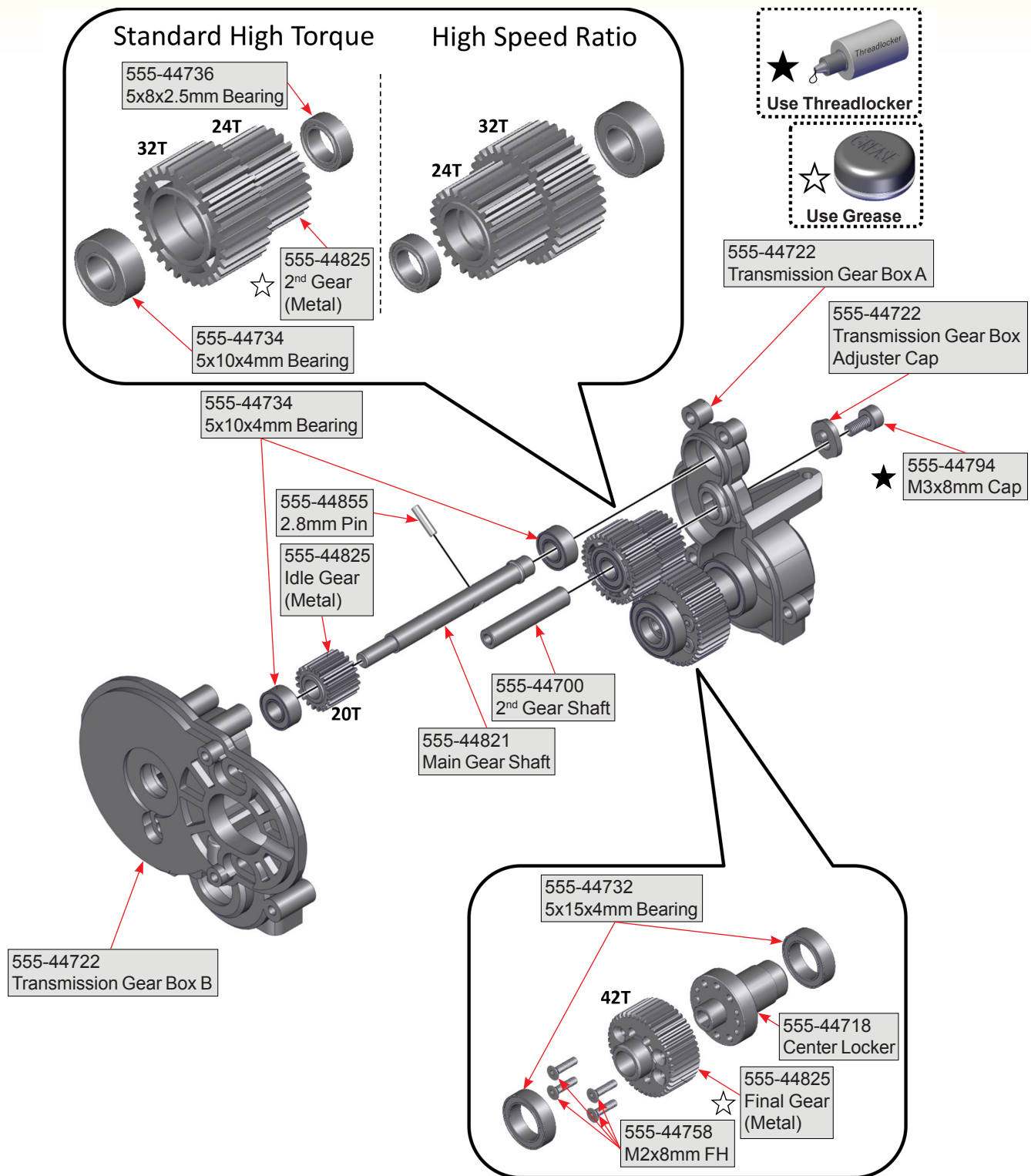
Bag B



Rear End Assembly

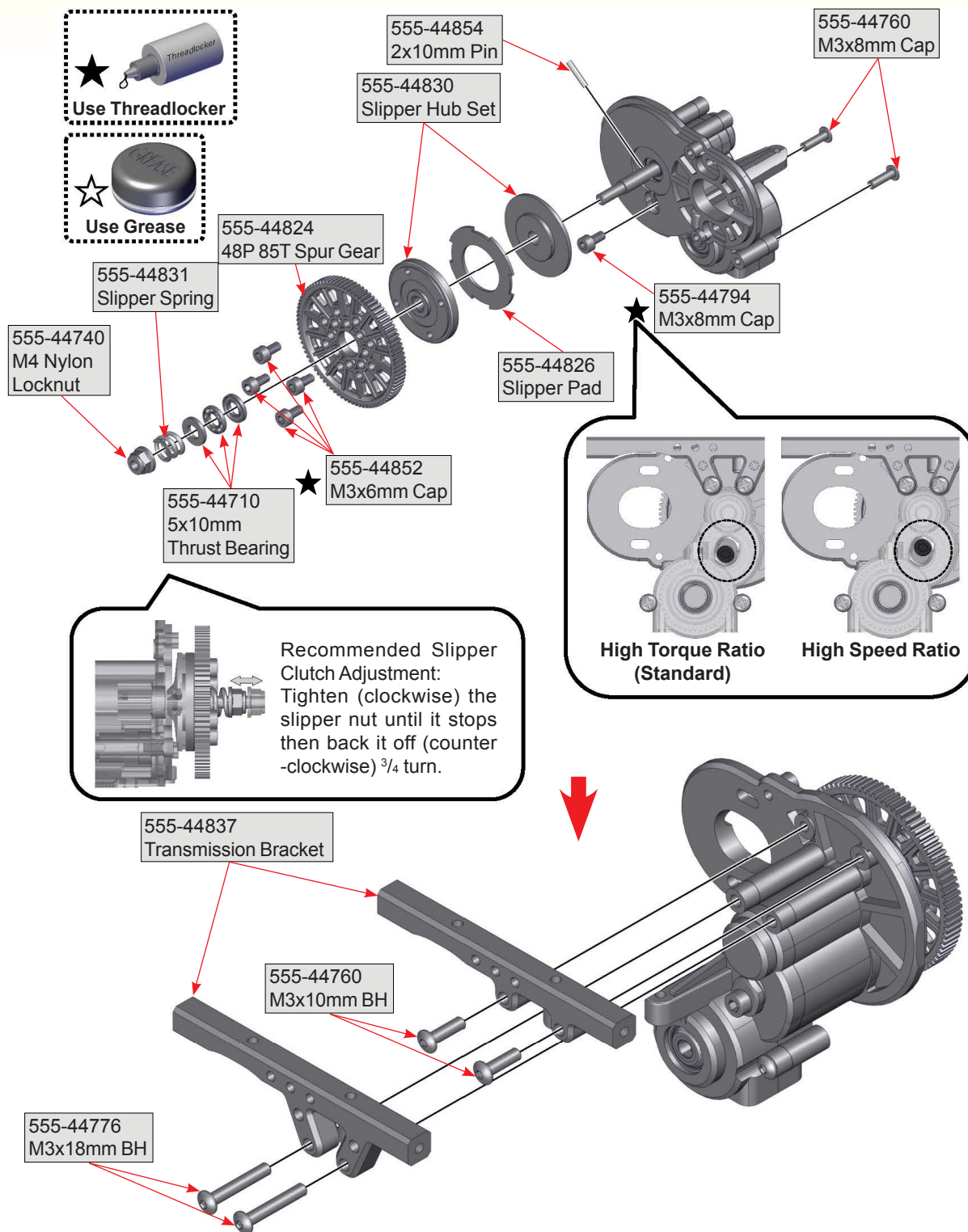
# Center Differential Assembly

Bag C



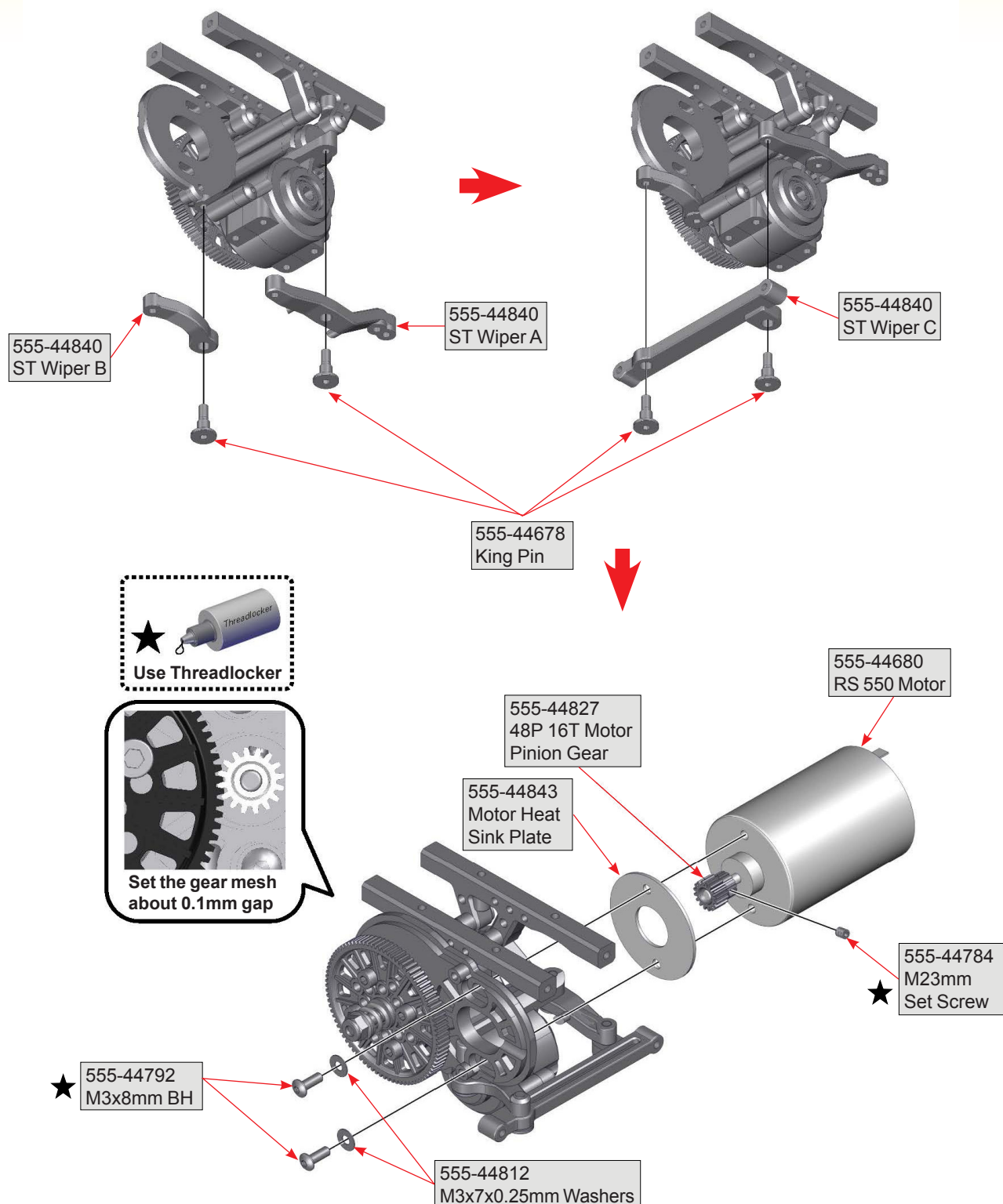
# Center Differential Assembly Continued

## Bag C



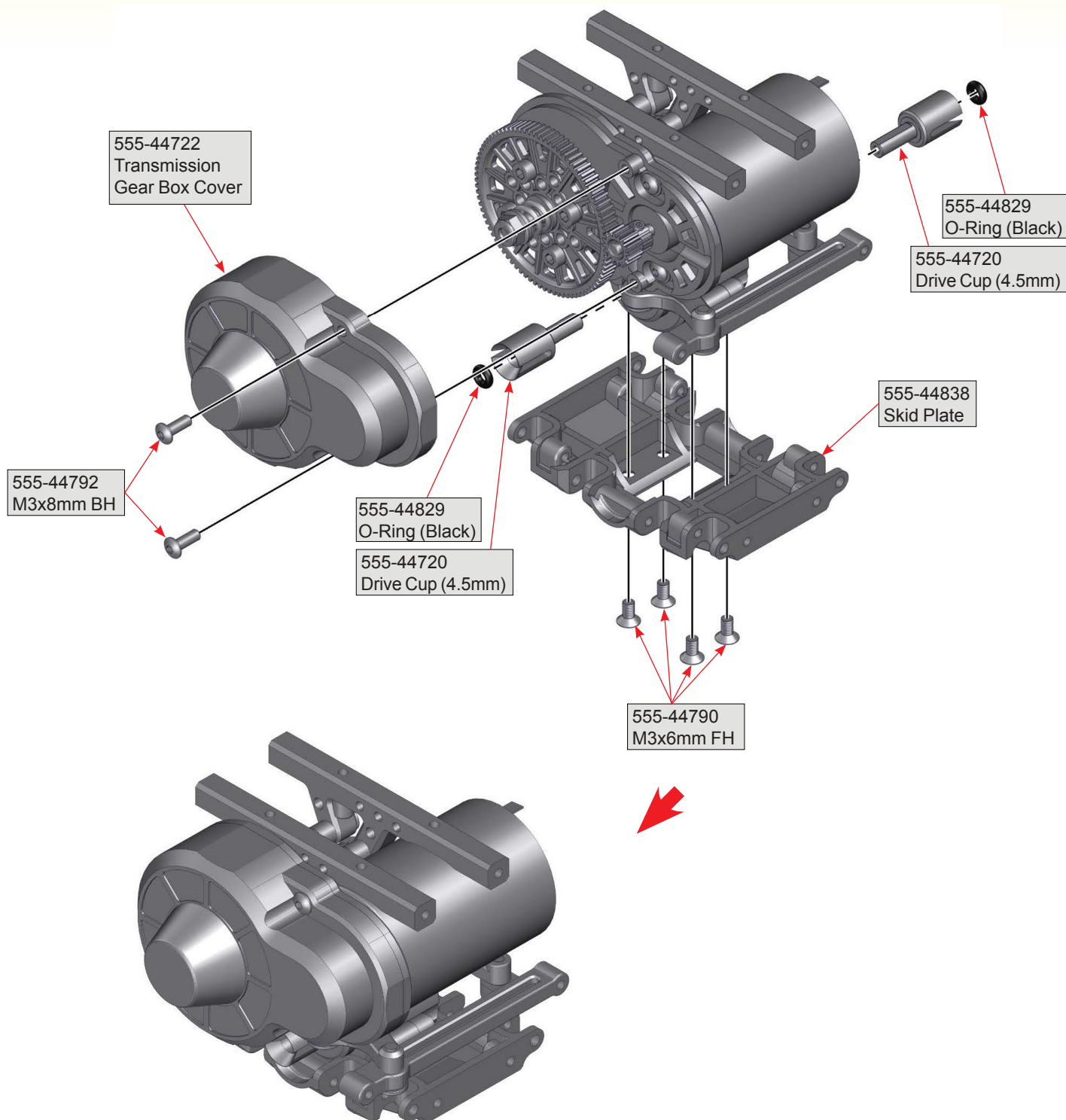
# Center Differential Assembly Continued

Bag C



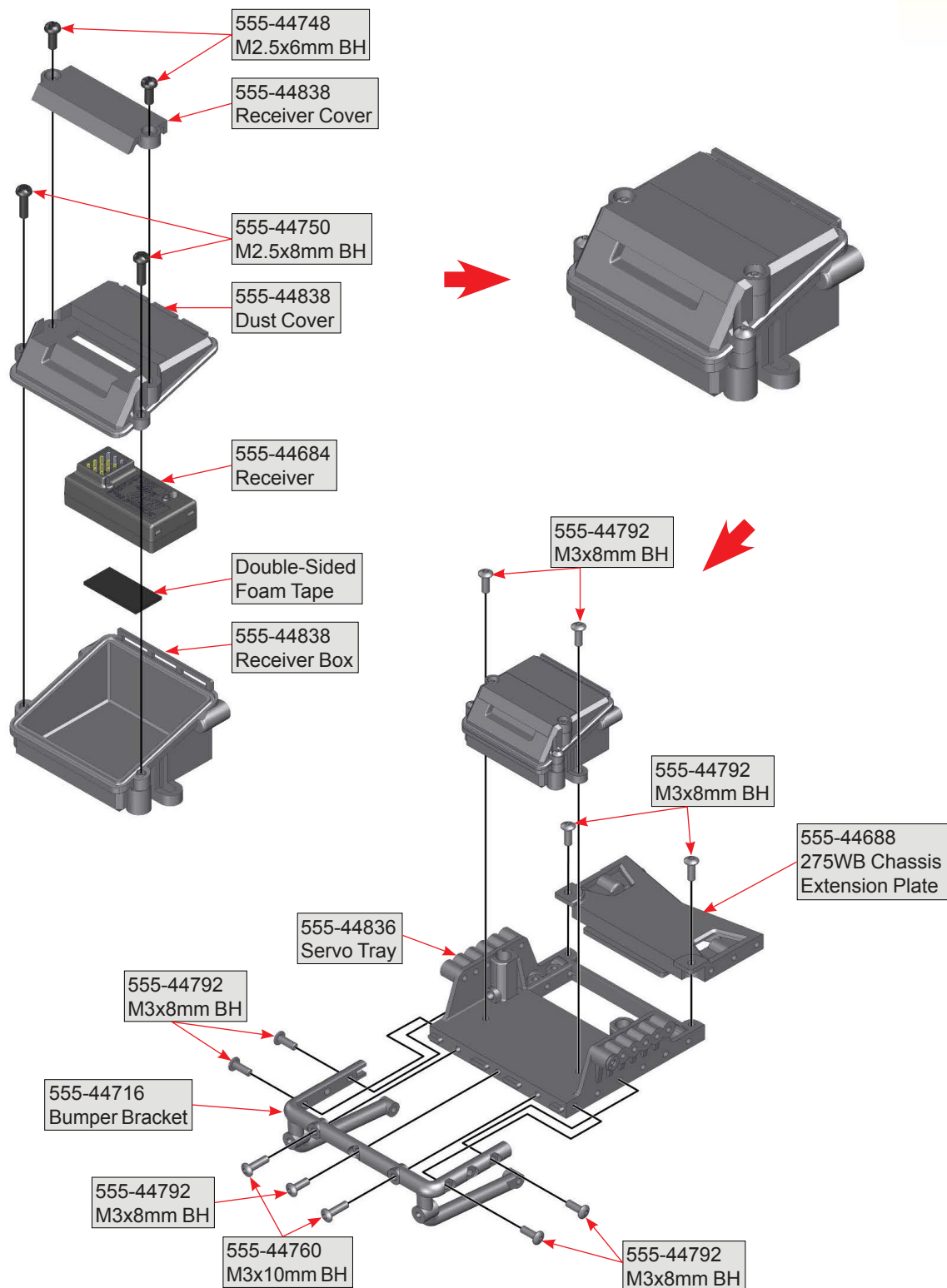
# Center Differential Assembly Continued

Bag C



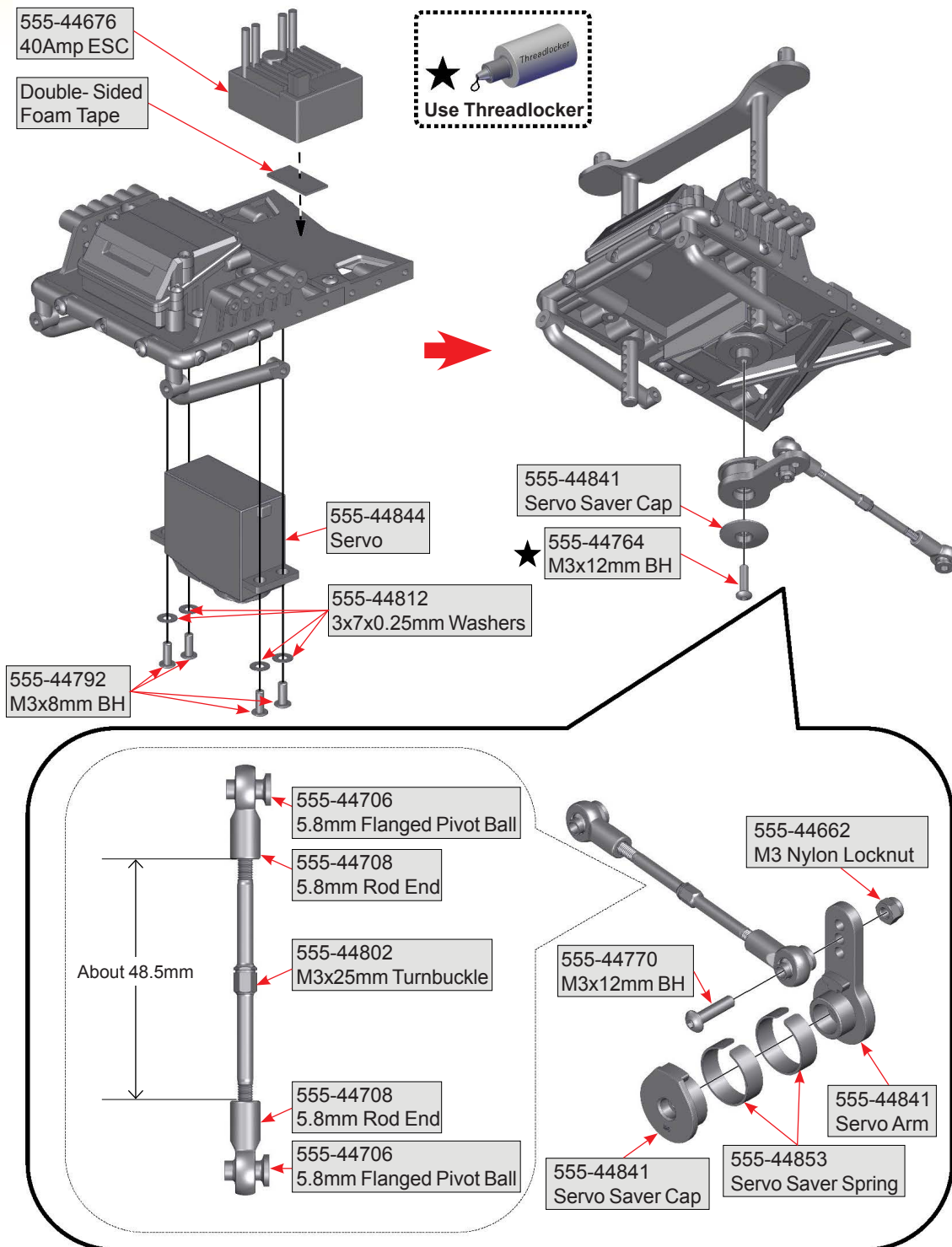
# Radio Tray

Bag D



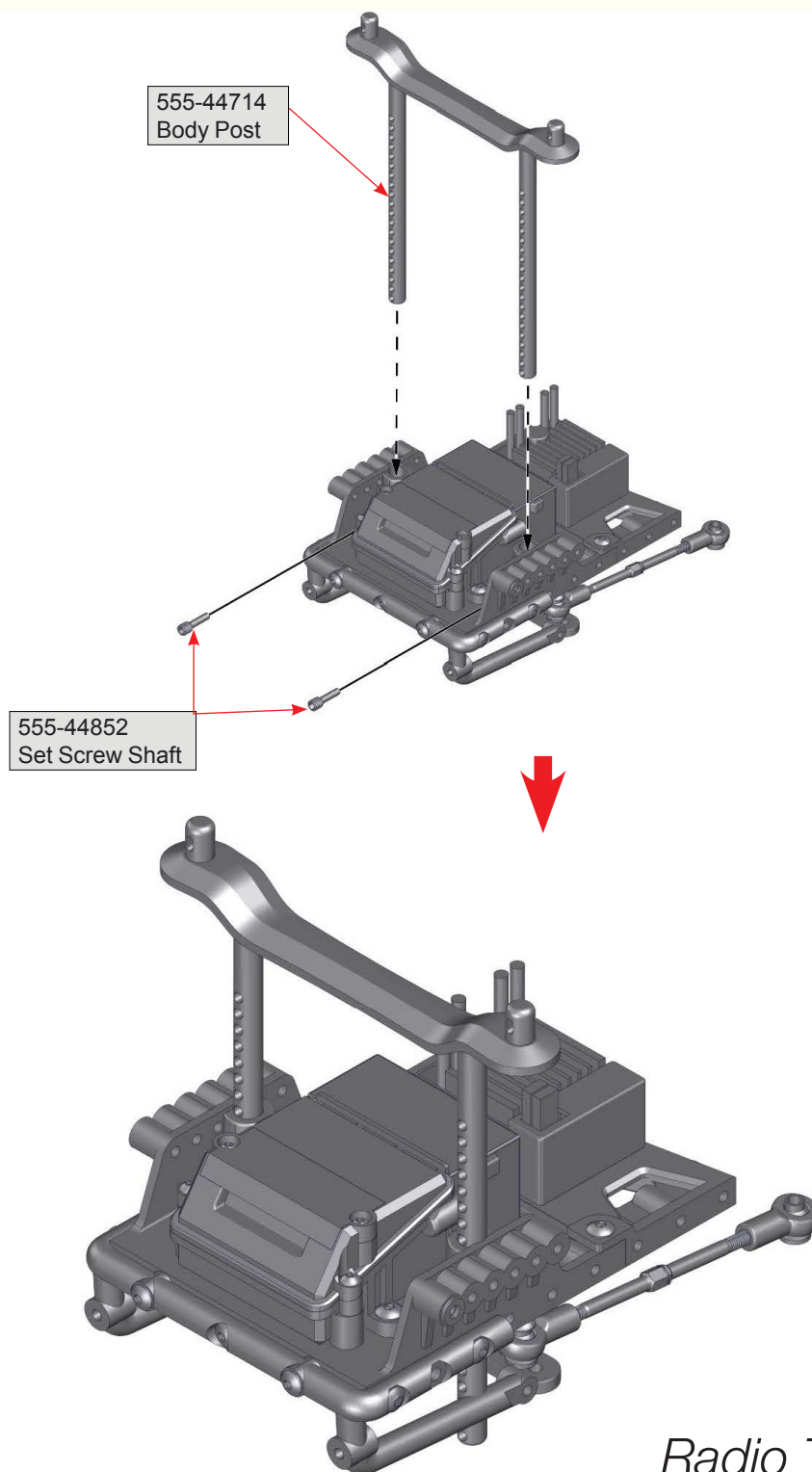
# Radio Tray Continued

Bag D



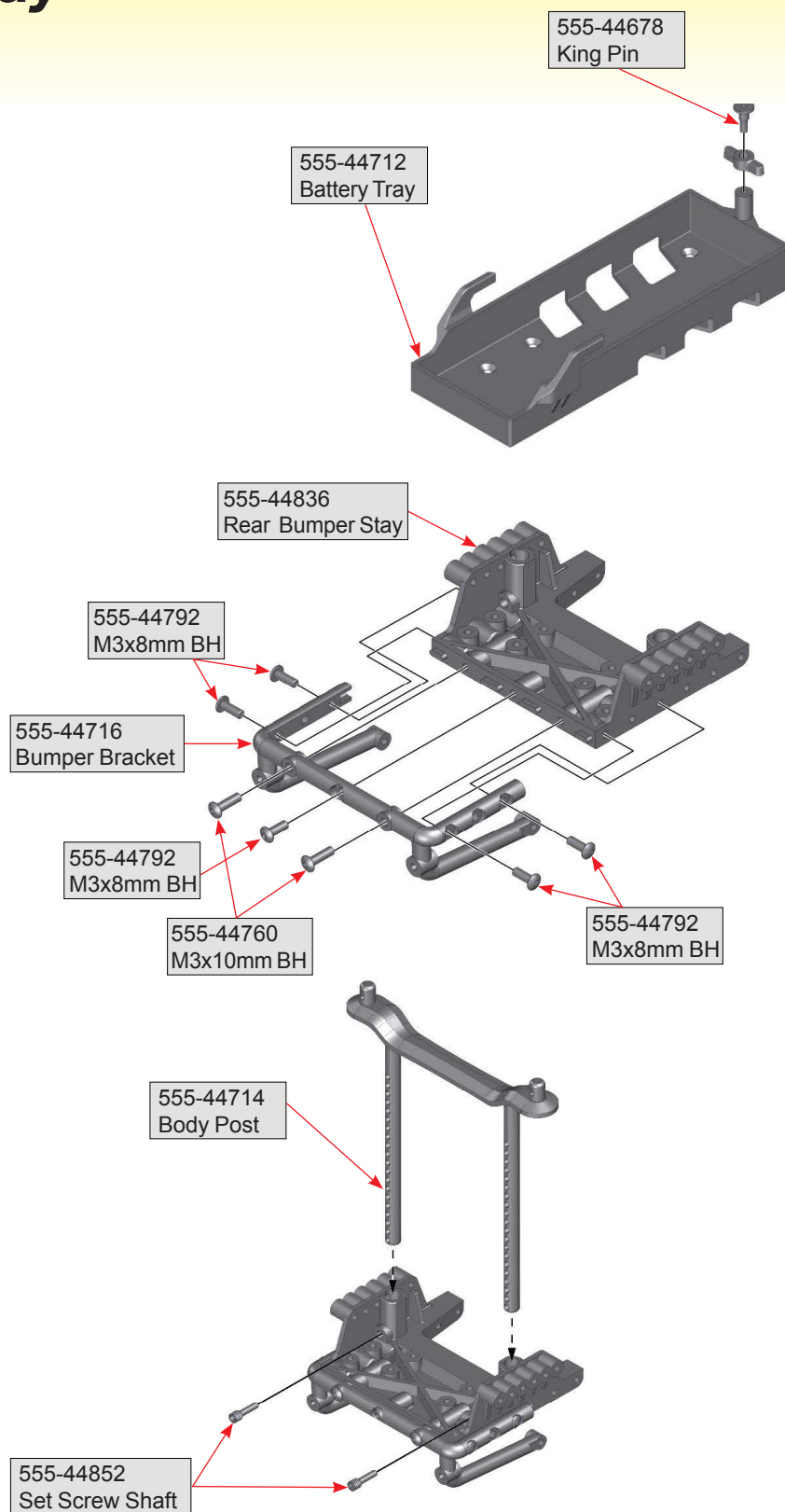
# Radio Tray Continued

Bag D



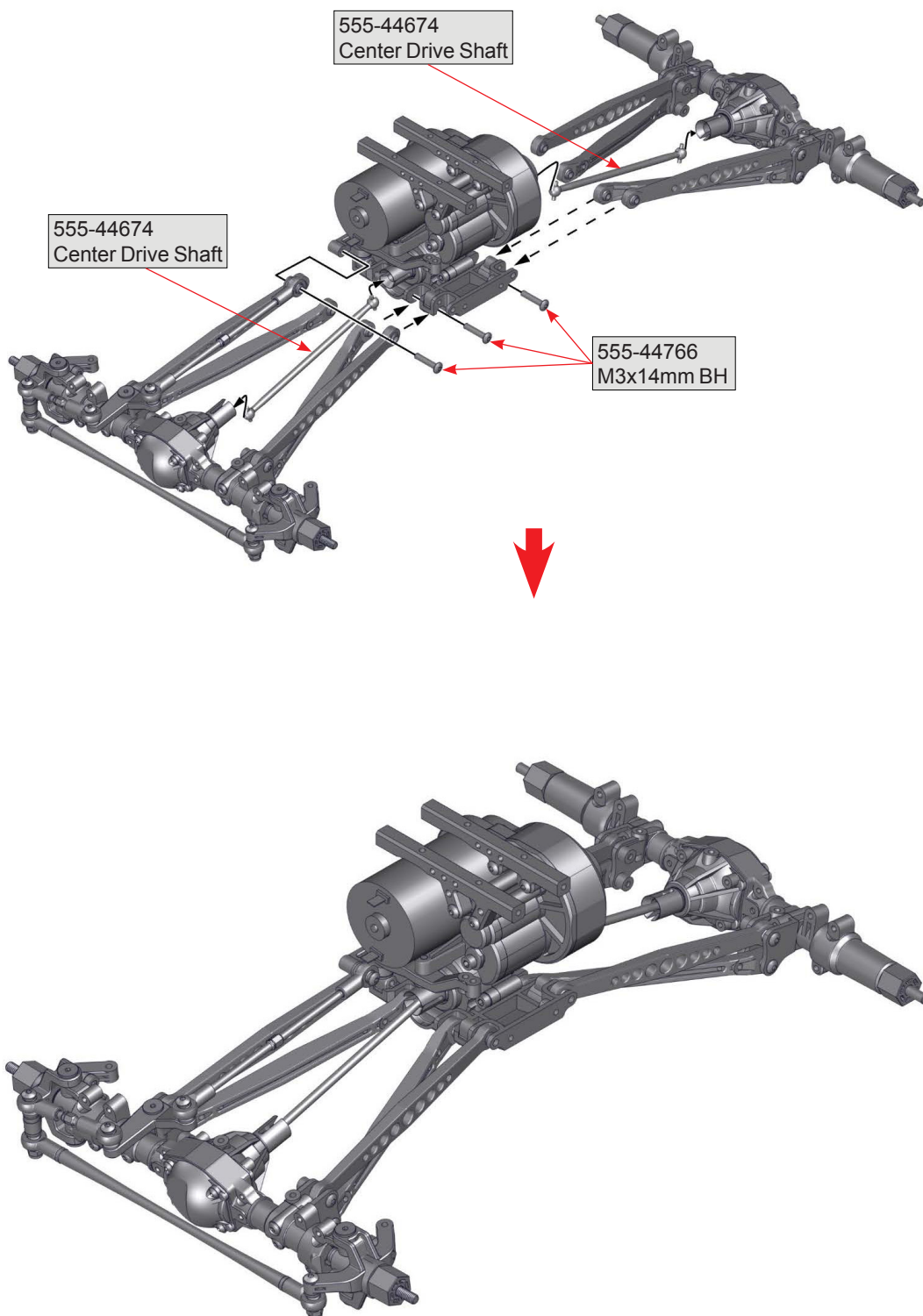
# Battery Tray

Bag E



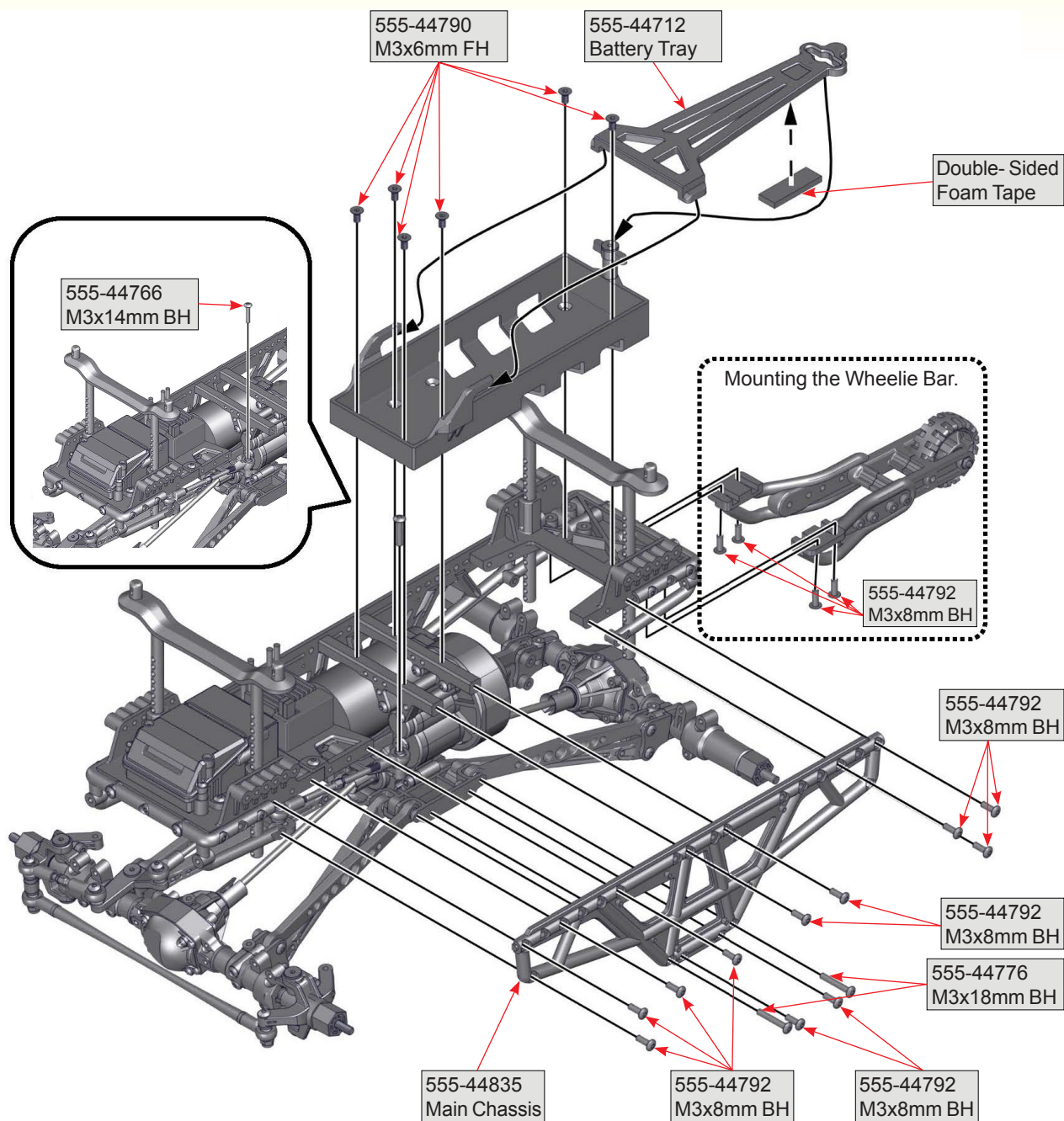
# Chassis

Bag G



# Chassis Continued

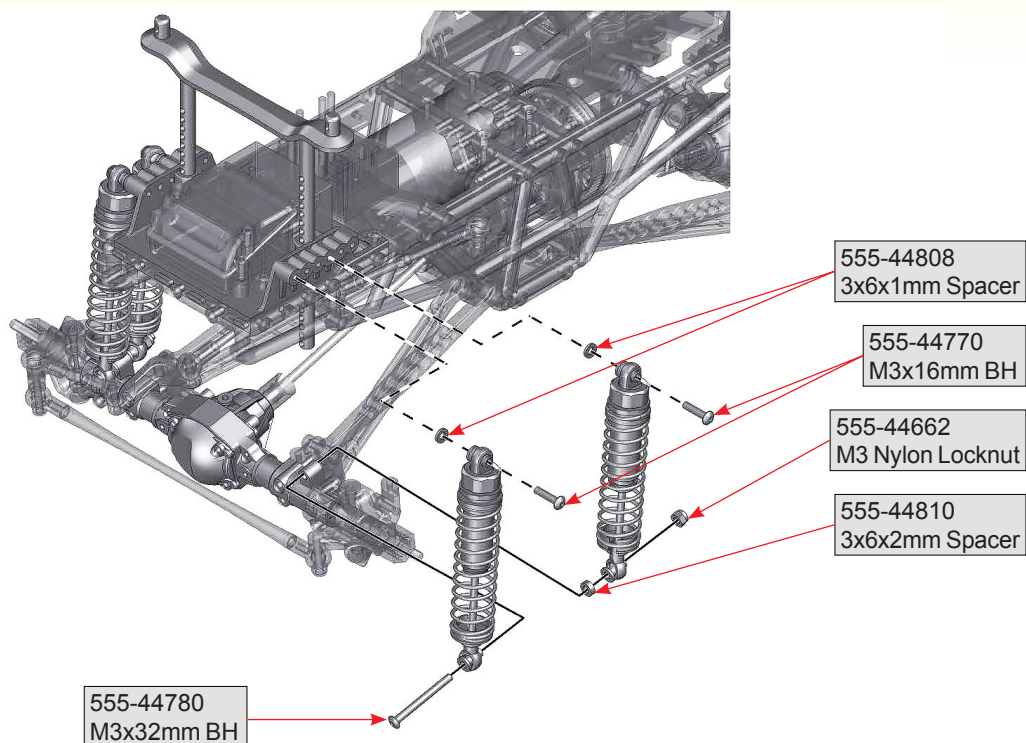
Bag G



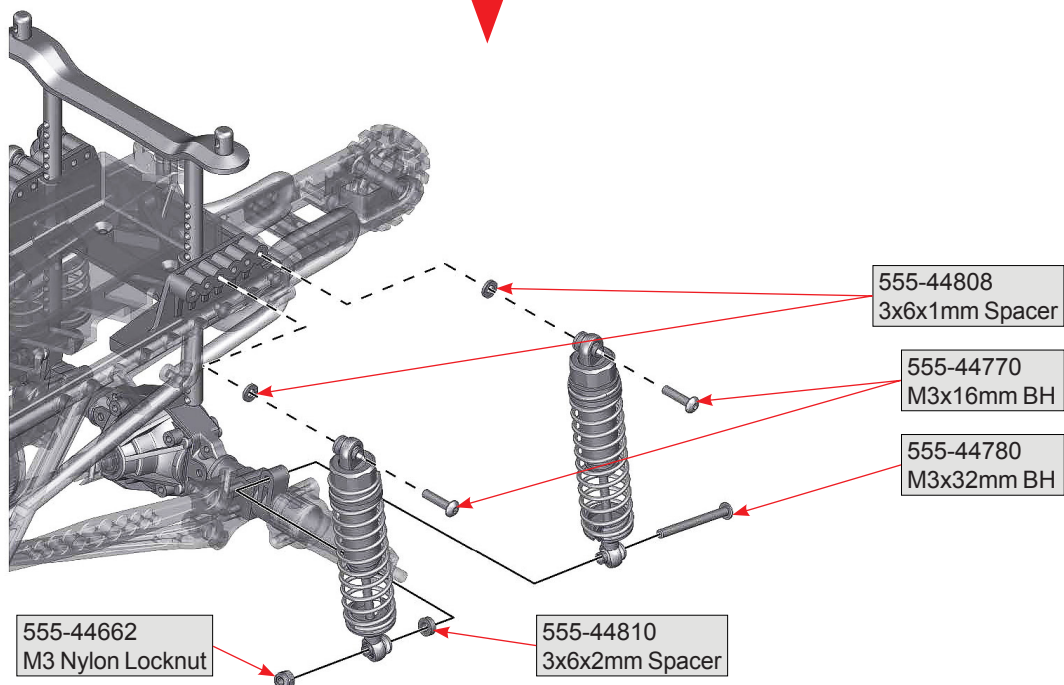
# Chassis Continued

Bag G

## Front Shock Mounting Point



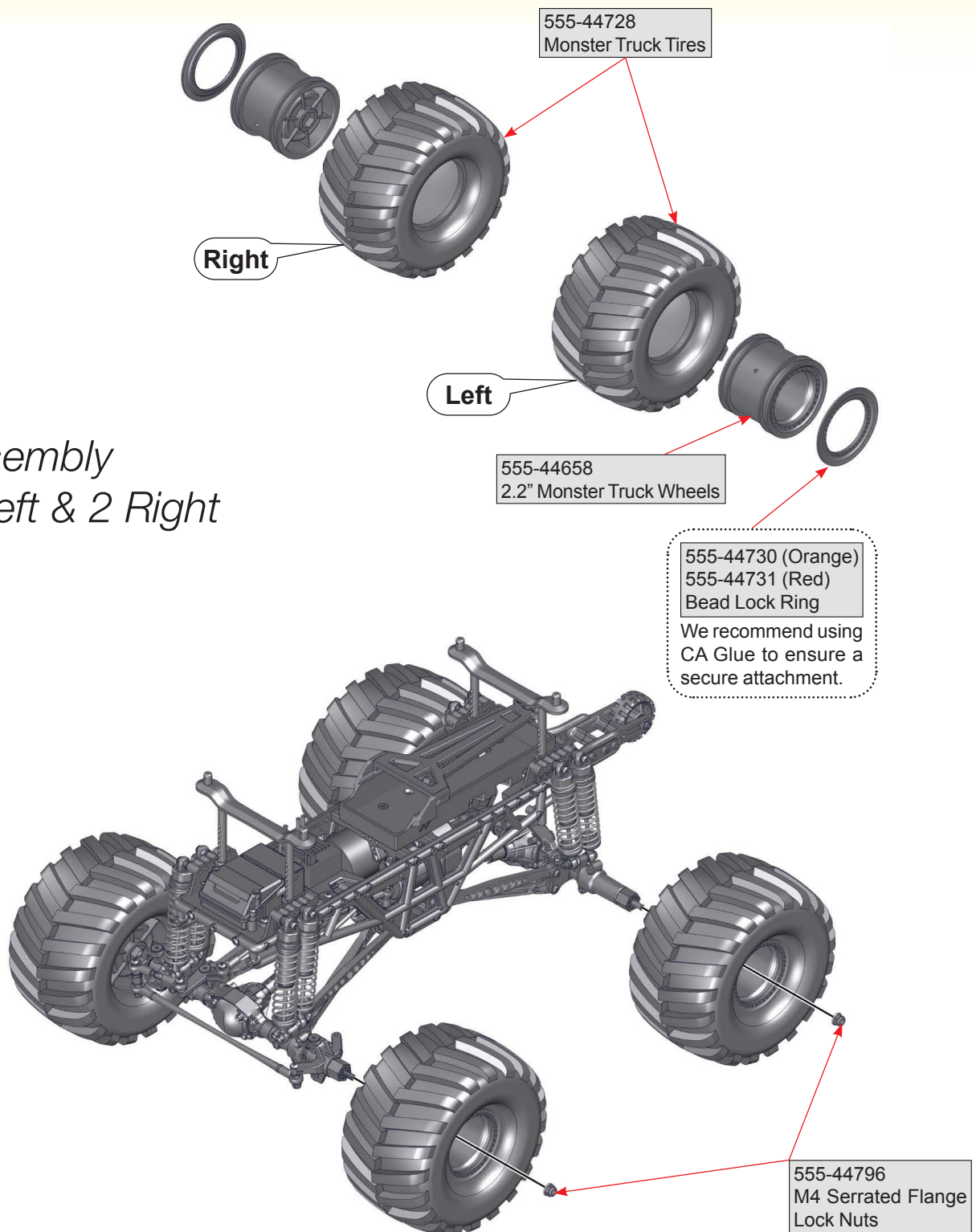
## Rear Shock Mounting Point



# Wheels & Tires

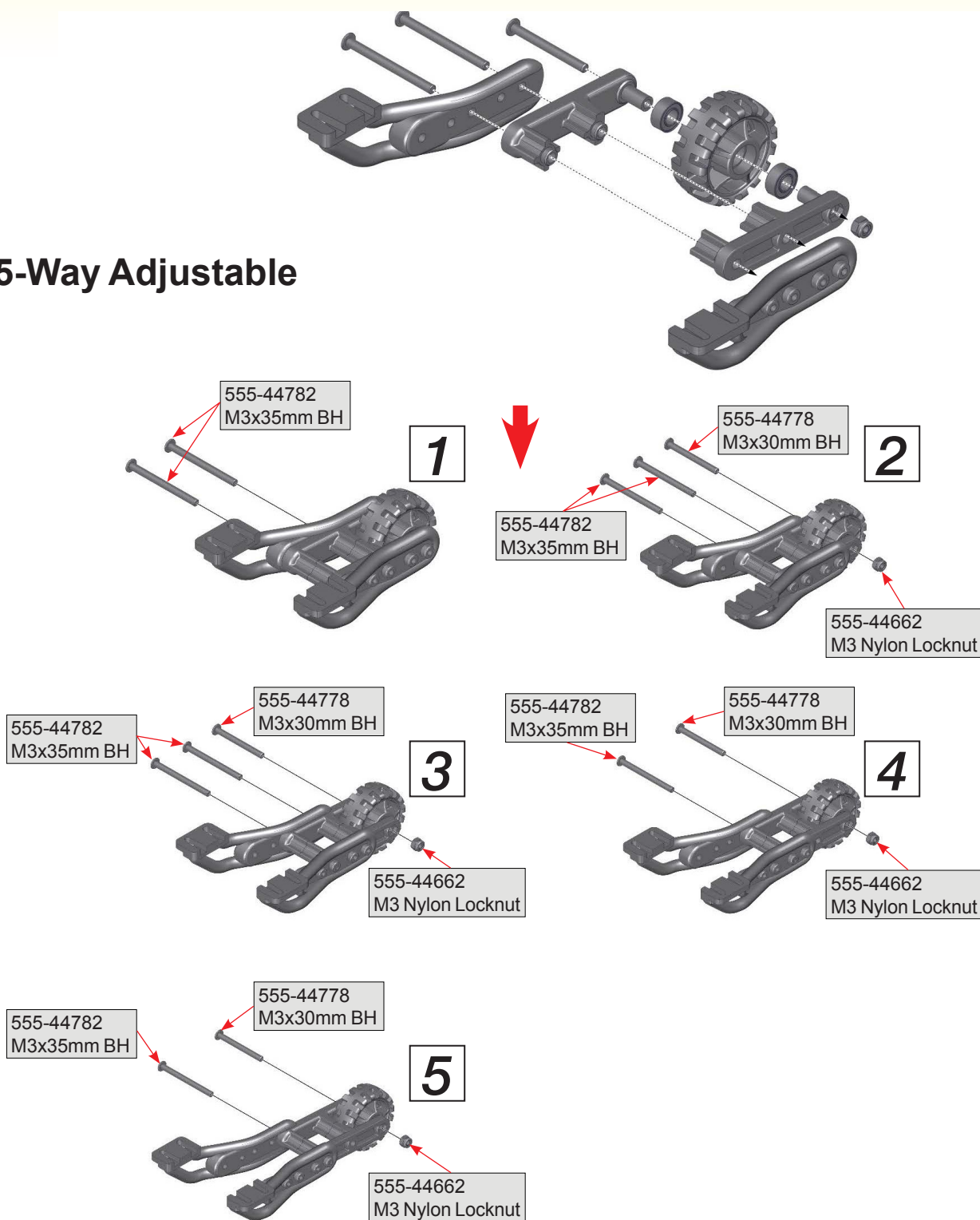
Bag H

Assembly  
2 Left & 2 Right

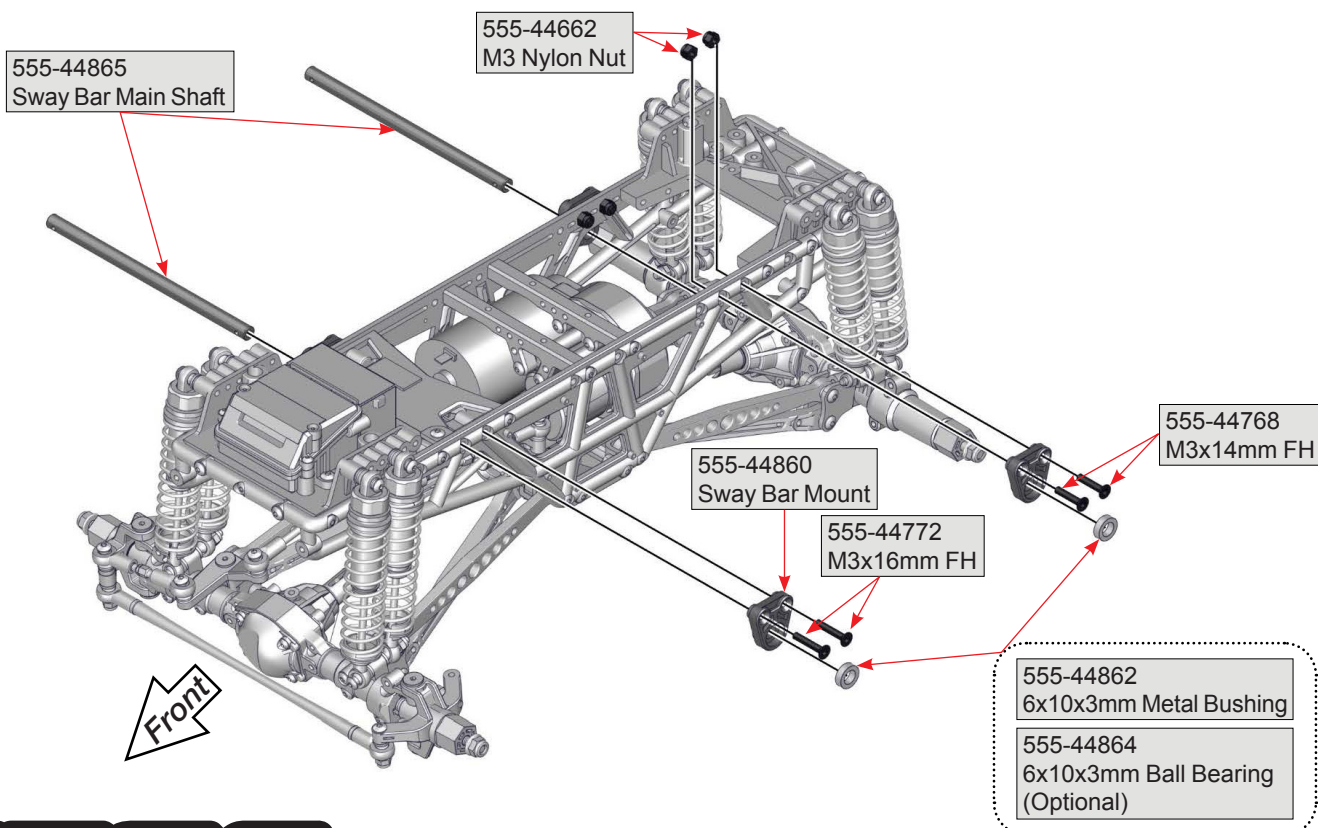
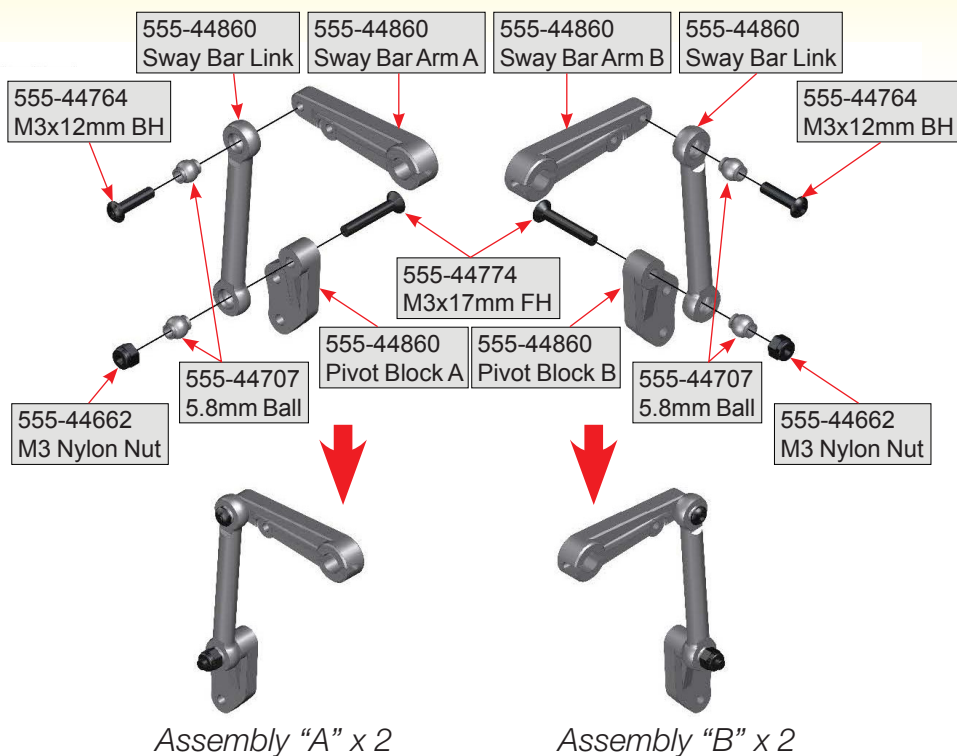
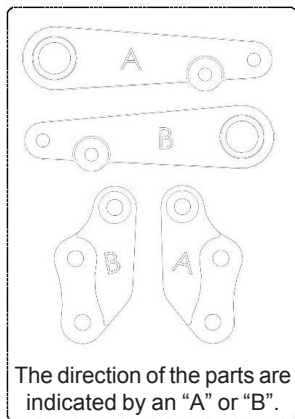


# Wheelie Bar

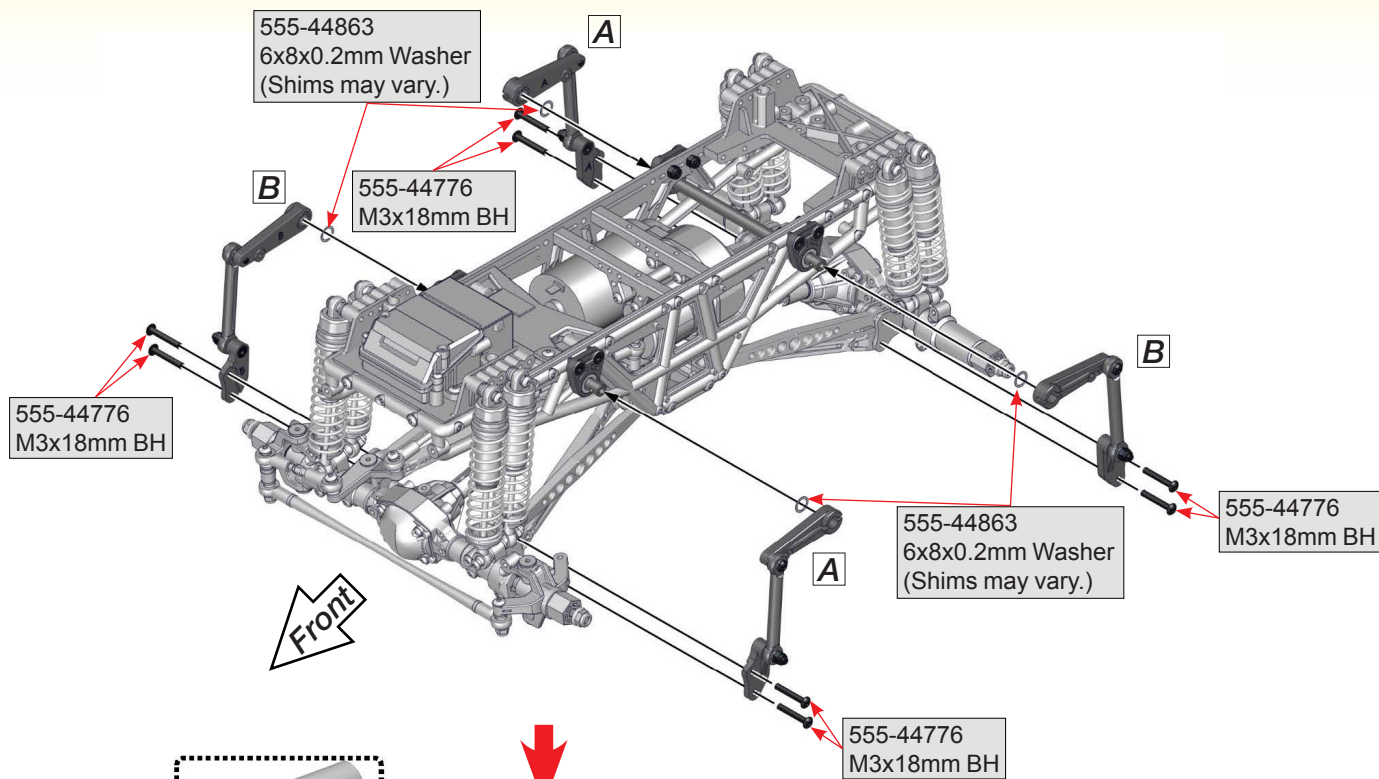
## 5-Way Adjustable



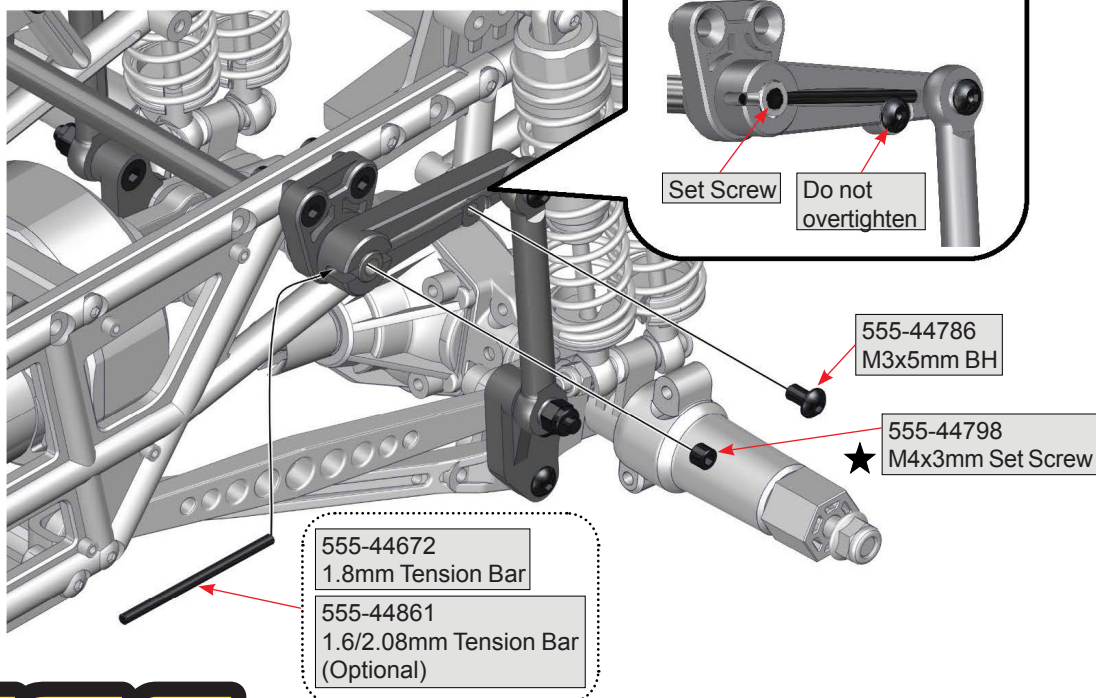
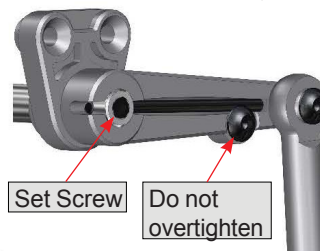
# Sway Bar Assembly



# Sway Bar Assembly Continued



When installing the Tension Bar, make sure to push it all the way in and tighten it with an M3x5mm screw. Refer to the diagram.



# Spare Parts List

| Part #        | Description                                        | Part #         | Description                                          |
|---------------|----------------------------------------------------|----------------|------------------------------------------------------|
| 1. 555-44656  | #6 Hood Pin (10 pcs.)                              | 67. 555-44788  | M3 x 6 mm Button Head Socket Screw (10 pcs.)         |
| 2. 555-44658  | 2.2 in. Monster Truck Wheel (2 pcs.)               | 68. 555-44790  | M3 x 6 mm Flathead Socket Screw (10 pcs.)            |
| 3. 555-44660  | Wheelie Bar Kit                                    | 69. 555-44792  | M3 x 8 mm Button Head Socket Screw (10 pcs.)         |
| 4. 555-44662  | Lock Nut 3mm (10 pcs.)                             | 70. 555-44794  | M3 x 8 mm Cap Screw (10 pcs.)                        |
| 5. 555-44663  | M2.5 x 12 mm Cap Screw (10 pcs.)                   | 71. 555-44796  | M4 Serrated Flange Lock Nut (4 pcs.)                 |
| 6. 555-44664  | M2.5 x 8 mm Cap Screw (10 pcs.)                    | 72. 555-44800  | Turnbuckle M3 x 25 mm                                |
| 7. 555-44665  | M2 x 12 mm Cap Screw (10 pcs.)                     | 73. 555-44802  | Turnbuckle M3 x 60 mm                                |
| 8. 555-44666  | M2 x 16 mm Cap Screw (10 pcs.)                     | 74. 555-44804  | Turnbuckle M3 x 90 mm                                |
| 9. 555-44667  | M2 x 8 mm Cap Screw (10 pcs.)                      | 75. 555-44806  | Washer 3 mm x 6 mm x 0.5 mm (6 pcs.)                 |
| 10. 555-44668 | M3 x 6 mm Cap Screw (10 pcs.)                      | 76. 555-44808  | Washer 3 mm x 5 mm x 1 mm (6 pcs.)                   |
| 11. 555-44670 | #2 E-Clip (10 pcs.)                                | 77. 555-44810  | Washer 3 mm x 6 mm x 2 mm (6 pcs.)                   |
| 12. 555-44674 | 275W B Center Driveshaft (Front or Rear)           | 78. 555-44812  | Washer 3 mm x 7 mm x 0.25 mm (6 pcs.)                |
| 13. 555-44676 | ECS 40 Amp                                         | 79. 555-44813  | Shock Diaphragm (4 pcs.)                             |
| 14. 555-44678 | King Pin (6 pcs.)                                  | 80. 555-44814  | Black Shock Cap Optional (4 pcs.)                    |
| 15. 555-44680 | Mabuchi RS-550 Motor                               | 81. 555-44815  | Shock Spring - Long (4 pcs.)                         |
| 16. 555-44682 | MOD-3S 2.4 GHZ Radio System (TX/RX)                | 82. 555-44816  | Shock Plastic Parts (For 2 shocks)                   |
| 17. 555-44684 | MOD-3S 2.4 GHz Receiver (RX)                       | 83. 555-44817  | Ring Gear M1 x 30T                                   |
| 18. 555-44686 | MOD-3S 2.4 GHz Transmitter (TX)                    | 84. 555-44818  | Pinion Gear M1 x 13T                                 |
| 19. 555-44688 | 275WB Chassis Extension Plate                      | 85. 555-44819  | Outdrive Cup - Front or Rear                         |
| 20. 555-44690 | 275WB Front Axle Shaft or Rear 4WS                 | 86. 555-44820  | Wheel Axle (2 pcs.)                                  |
| 21. 555-44692 | 275WB Rear Axle Shaft                              | 87. 555-44821  | Main Gear Shaft                                      |
| 22. 555-44694 | 275WB Solid Axle (Front or Rear, Housing, Cover)   | 88. 555-44822  | Wheel Hex - Direct Drive Spur Holder - Dust Plug     |
| 23. 555-44696 | 275WB Steering Drag Link                           | 89. 555-44823  | Spur Gear 85T 48p - For Non-Slipper Drive (Optional) |
| 24. 555-44698 | 275WB Upper and Lower Link                         | 90. 555-44824  | Spur Gear 85T 48p - For Slipper Drive                |
| 25. 555-44700 | 2nd Gear Shaft                                     | 91. 555-44825  | Metal Center Transmission Gear Set                   |
| 26. 555-44702 | 3 x 50.5 mm Shock Chaff (4 pcs.)                   | 92. 555-44826  | Slipper Pad (2 pcs.)                                 |
| 27. 555-44704 | 4-Link Bracket A, B                                | 93. 555-44827  | Pinion Gear 16T 48p                                  |
| 28. 555-44706 | 5.8 mm Flanged Pivot Ball (16 pcs.)                | 94. 555-44828  | Pinion Gear 18T 48p (Optional)                       |
| 29. 555-44707 | 5.8 mm Pivot Ball (16 pcs.)                        | 95. 555-44829  | Pinion Gear 20T 48p (Optional)                       |
| 30. 555-44708 | 5.8 mm Rod Ends (8 pcs.)                           | 96. 555-44830  | Slipper Hub Set                                      |
| 31. 555-44710 | Thrust Bearing 5 mm x 10 mm                        | 97. 555-44831  | Slipper Spring                                       |
| 32. 555-44712 | Battery Tray - Holder, Lock                        | 98. 555-44832  | Steering Knuckle (2 pcs.)                            |
| 33. 555-44714 | Body Post (For 275WB Chassis)                      | 99. 555-44833  | Straight Axle Adapter                                |
| 34. 555-44716 | Bumper Bracket - Black (For 275WB Chassis)         | 100. 555-44834 | Main Chassis - Gray (Optional)                       |
| 35. 555-44718 | Center Locker                                      | 101. 555-44835 | Main Chassis - Black                                 |
| 36. 555-44720 | Center Outdrive - 4.5mm Shaft (2 pcs.)             | 102. 555-44836 | Servo Tray, Bumper Stay                              |
| 37. 555-44722 | Center Transmission Gear Box                       | 103. 555-44837 | Transmission Bracket A, B                            |
| 38. 555-44724 | C-Hub A, B                                         | 104. 555-44838 | Receiver Box with Dust Seal                          |
| 39. 555-44726 | Differential Case - Plastic (2 pcs.)               | 105. 555-44839 | Skid Plate                                           |
| 40. 555-44728 | Monster Truck Tires                                | 106. 555-44840 | Steering Plastic Parts                               |
| 41. 555-44730 | Beadlock Ring - Orange (4 pcs.)                    | 107. 555-44841 | Servo Saver - 25Tc 24T, 23Tc Horn, Cap, Spring S     |
| 42. 555-44731 | Beadlock Ring - Red (4 pcs.)                       | 108. 555-44842 | Wheelie Bar Plastic Parts                            |
| 43. 555-44732 | Bearing 10 mm x 15 mm x 4 mm (2 pcs.)              | 109. 555-44843 | Engine Heat Sink Plate                               |
| 44. 555-44734 | Bearing 5 mm x 10 mm x 4 mm (2 pcs.)               | 110. 555-44844 | Steering Servo (RTR-12 - 12 kg.)                     |
| 45. 555-44736 | Bearing 5 mm x 8 mm x 2.5 mm (2 pcs.)              | 111. 555-44845 | Hooligan Body Decal                                  |
| 46. 555-44738 | Differential Gear Set                              | 112. 555-44846 | Torch Decal Set                                      |
| 47. 555-44740 | Flange Lock Nut 4 (4 pcs.)                         | 113. 555-44847 | Hooligan Painted Body with Decal                     |
| 48. 555-44742 | Hooligan Bumper Set - Front and Rear               | 114. 555-44848 | Hooligan Clear Body with Decal                       |
| 49. 555-44746 | M2.5 x 18 mm Button Head Socket Screw (10 pcs.)    | 115. 555-44849 | Hooligan Roll Cage and Light Housing                 |
| 50. 555-44748 | M2.5 x 6 mm Button Head Hex Socket Screw (10 pcs.) | 116. 555-44850 | Torch Painted Body with Decal                        |
| 51. 555-44750 | M2.5 x 8 mm Hex Head Socket Screw (10 pcs.)        | 117. 555-44851 | Torch Clear Body with Decal                          |
| 52. 555-44752 | M2 x 5 mm Cap Screw (10 pcs.)                      | 118. 555-44852 | Screw Shaft 4 mm x 2.5 mm x 12 mm (10 pcs.)          |
| 53. 555-44754 | M2 x 6 mm Button Head Socket Screw (10 pcs.)       | 119. 555-44853 | Servo Saver Spring (2 pcs.)                          |
| 54. 555-44756 | M2 x 6 mm Cap Screw (10 pcs.)                      | 120. 555-44854 | Pin 2 mm x 10 mm (6 pcs.)                            |
| 55. 555-44758 | M2 x 8 mm Flathead Socket Screw (10 pcs.)          | 121. 555-44855 | Pin 2 mm x 8 mm (6 pcs.)                             |
| 56. 555-44760 | M3 x 10 mm Button Head Socket Screw (10 pcs.)      | 122. 555-44856 | Shim 5 mm x 7 mm x 0.20 mm (10 pcs.)                 |
| 57. 555-44762 | M3 x 10 mm Cap Screw (10 pcs.)                     | 123. 555-44857 | Shim 10 mm x 12.5 mm x 0.10 mm (10 pcs.)             |
| 58. 555-44764 | M3 x 12 mm Button Head Socket Screw (10 pcs.)      | 124. 555-44858 | O-Ring P3 (10 pcs.)                                  |
| 59. 555-44766 | M3 x 14 mm Button Head Socket Screw (10 pcs.)      | 125. 555-44859 | O-Ring P3 NBR (10 pcs.)                              |
| 60. 555-44770 | M3 x 16 mm Button Head Socket Screw (10 pcs.)      | 126. 555-44860 | Sway Bar Components                                  |
| 61. 555-44776 | M3 x 18 mm Button Head Socket Screw (10 pcs.)      | 127. 555-44861 | 1.6 / 2.0mm Tension Bar                              |
| 62. 555-44778 | M3 x 30 mm Button Head Socket Screw (10 pcs.)      | 128. 555-44862 | 6x10x3mm Metal Bushing                               |
| 63. 555-44780 | M3 x 32 mm Button Head Socket Screw (10 pcs.)      | 129. 555-44863 | 6x8x0.2mm Washer                                     |
| 64. 555-44782 | M3 x 35 mm Button Head Socket Screw (10 pcs.)      | 130. 555-44864 | 6x10x3mm Ball Bearing                                |
| 65. 555-44784 | M3 x 3 mm Set Screw (10 pcs.)                      | 131. 555-44865 | Sway Bar Main Shaft                                  |
| 66. 555-44786 | M3 x 5 mm Button Head Socket Screw (10 pcs.)       |                |                                                      |



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