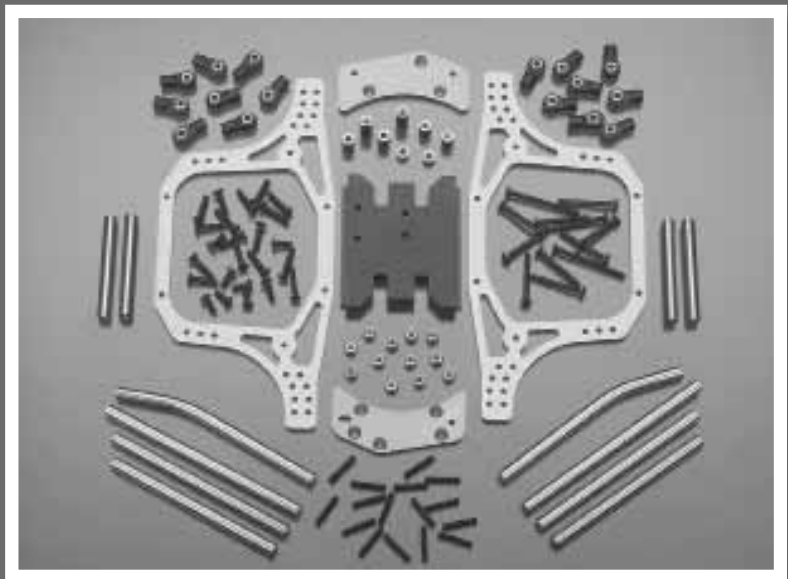


GateKeeper Designs



GC3-A Chassis Kit **For the Axial AX-10 Rock Crawler**

Disassembly of the stock AX-10 kit is required.



Parts Included:

Chassis side plates (2)	Center chassis brace/upper shock mounts (4)	3x27mm Button head machine screws (2)
Steering servo plate (1)	Rear upper shock mount spacers (2)	3x25mm Button head machine screws (8)
Rear axle/link plate (1)	Front upper shock mount spacers (2)	3x35mm Button head machine screws (2)
20° bent lower rear links (2)	Chassis skid plate (1)	3x14mm Flat head machine screws (10)
Lower front links (2)	Rod ends (16)	3mm Nylon lock nuts (12)
Rear upper links (2)	Rod end balls (16)	3x6mm Flat washers (2)
Front upper links (2)	3x8mm Button head machine screws (6)	3x16mm Set screws (16)
Lower shock mount spacers (2)	3x14mm Button head machine screws (4)	3x10mm Flat head machine screws (2)
Rear upper link mount spacers (2)	3x16mm Button head machine screws (2)	

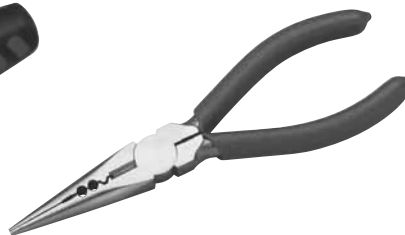
Tools/items required for assembly:



2.0mm hex driver (DTXR0289)
1.5mm hex driver (DTXR0288)



Phillips screwdriver (DTXR0122)



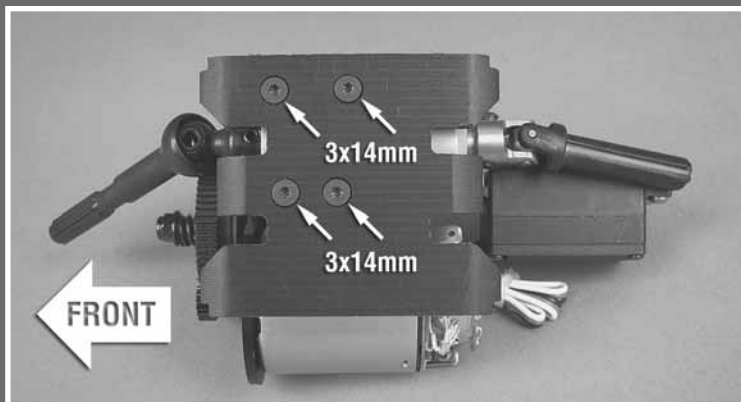
Needle nose pliers (DTXR0300)



Threadlock (DTXR2010)



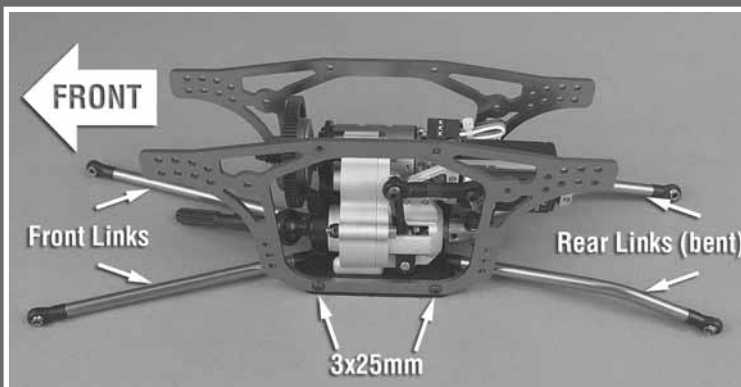
1. Install four flanged rod end balls into the rod ends. Install four 3x16mm set screws into the rod ends. **Note:** Once you feel the set screw getting tight in the rod end STOP.



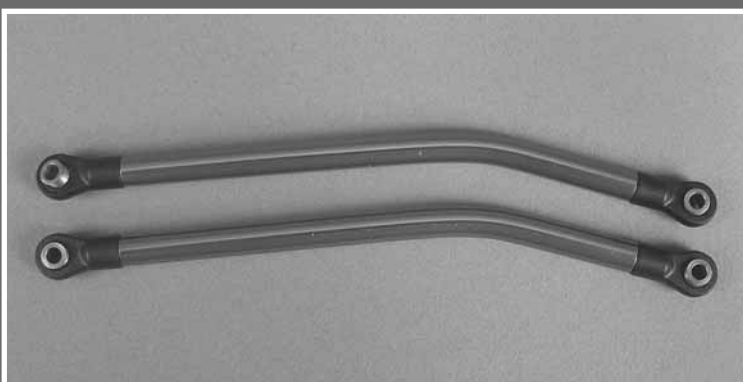
4. Mount your AX-10 transmission to the GC3-A skid plate using four 3x14mm flat head screws. **Note:** Notice the direction of the transmission on the skid plate.



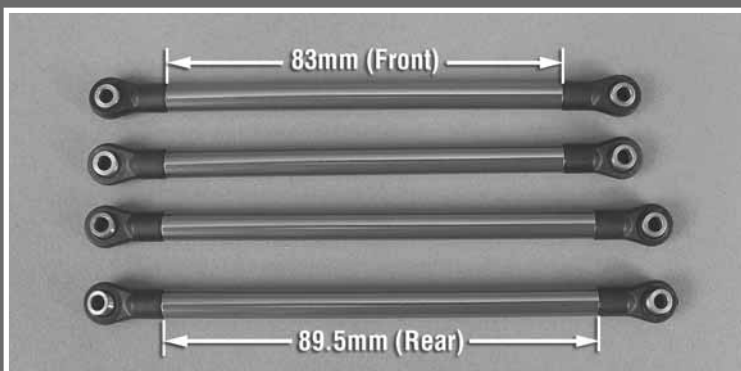
2. Install the rod ends onto the front lower links.



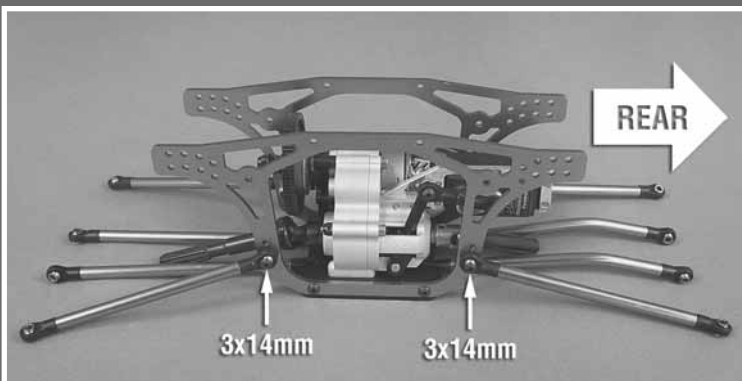
5. Install the chassis side plates and lower links onto the skid plate. Secure the assembly together using four 3x25mm button head screws. **Note:** The bent lower links go in the rear.



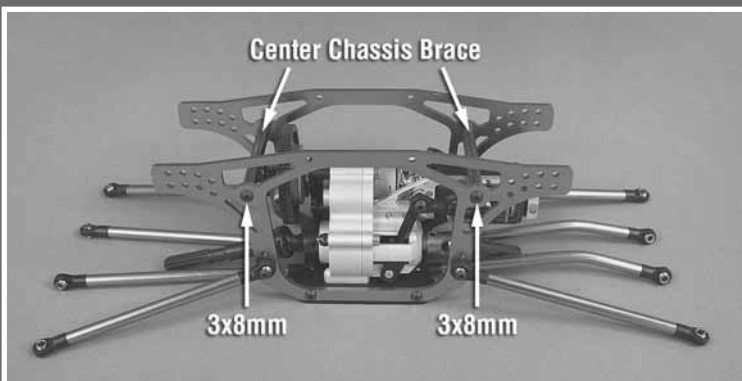
3. Assemble four more rod ends like in step #1. Install the rod ends onto the bent rear lower links.



6. Assemble eight more rod ends like in step #1. Install the rod ends onto the upper links. **Note:** The shorter (83mm) rods are for the front and the longer (89.5mm) rods are for the rear.

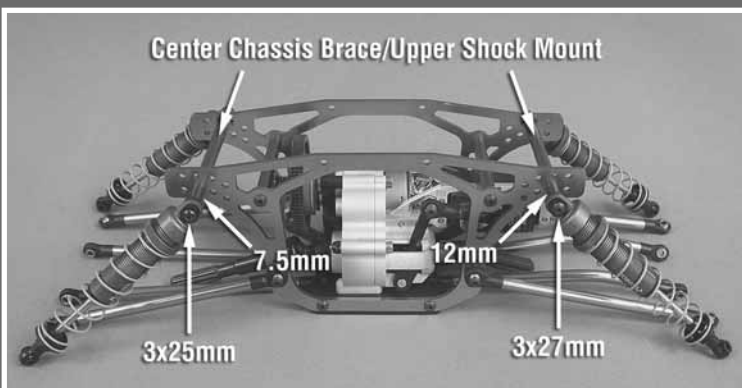


7. Install the upper links to the chassis using four 3x14mm button head screws and four 3mm lock nuts. **Note:** The longer upper links go in the rear. The upper links mount to the outside of the chassis as shown.



8. Install the center chassis braces and secure them in place with four 3x8mm button head screws.

Note: Use a generous amount of thread lock on the chassis brace screws.

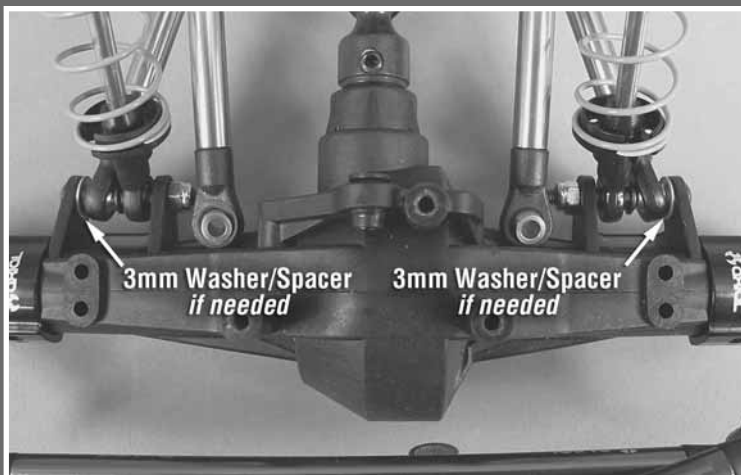


9. Insert the upper shock mount screws through the tops of the shocks. The front shocks use 3x25mm button head screws and the rear shocks use 3x27mm button head screws.

Next, thread the upper shock mount spacers onto the upper shock mount screws. The front shocks use 7.5mm spacers and the rear uses 12mm spacers.

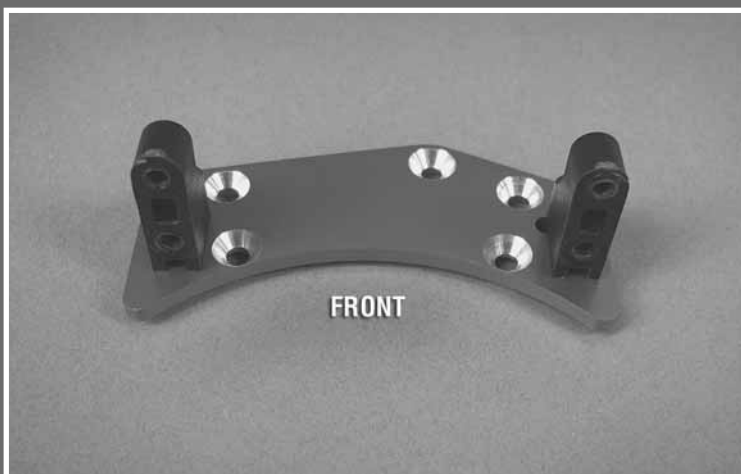
Install the center chassis brace/upper shock mounts onto the chassis and insert the upper shock mount screws through the shock mount holes on the chassis and into the center chassis brace/upper shock mount as shown.

Note: Use a generous amount of thread lock on the chassis brace screws.

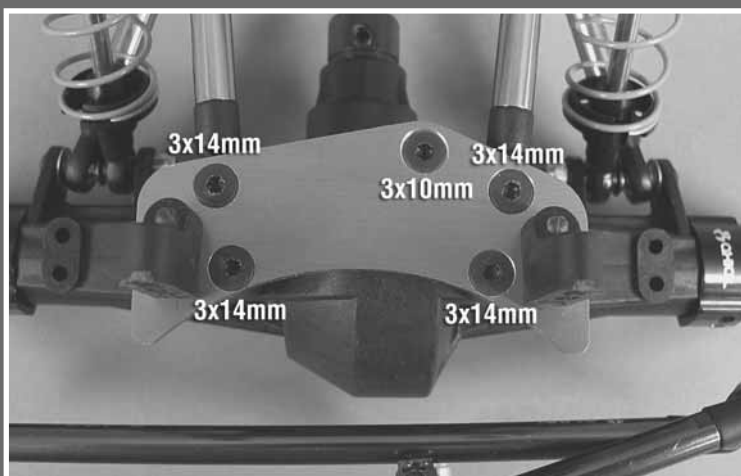


10. Attach the front shocks and front lower links to the front axle, the shocks go to the inside as shown. Secure the assembly in place with a 3x25mm button head screw and a 3mm lock nut.

Note: Depending on what shocks you use you may need to use the included 3mm washer to properly space the rod end/shock end between the mounts on the axle.



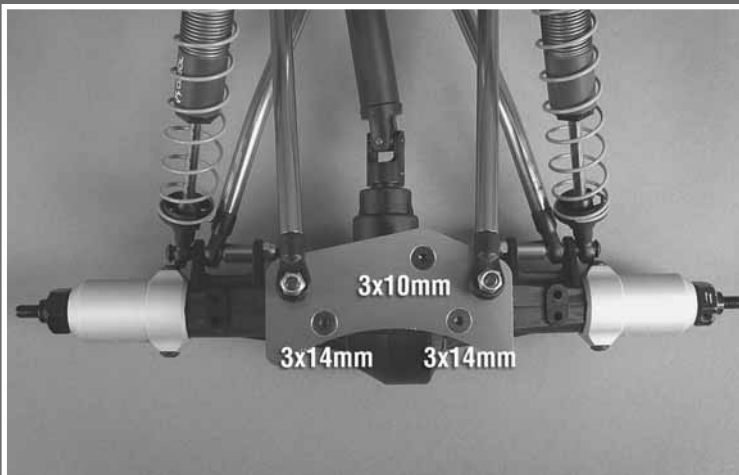
11. Attach the Axial servo mounts to the steering servo plate using two 3x8mm button head screws as shown.



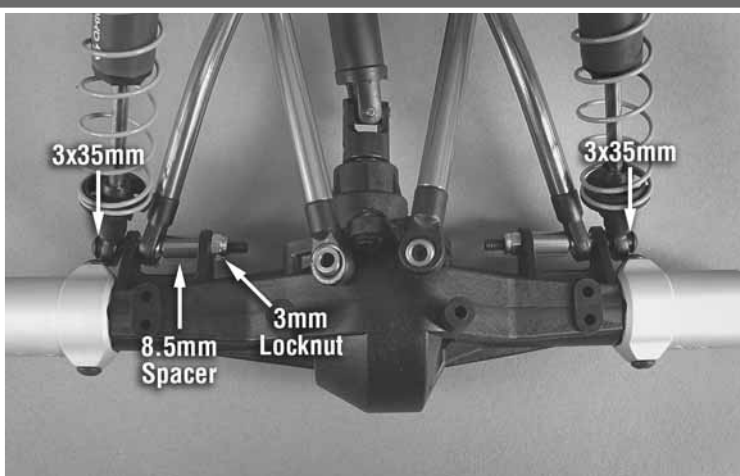
12. Attach the front upper links to the steering servo plate using two 3x14mm flat head screws and two 3mm lock nuts. Secure the steering servo plate to the front axle using one 3x10mm flat head screw (see pic for location) and two 3x14mm flat head screws.



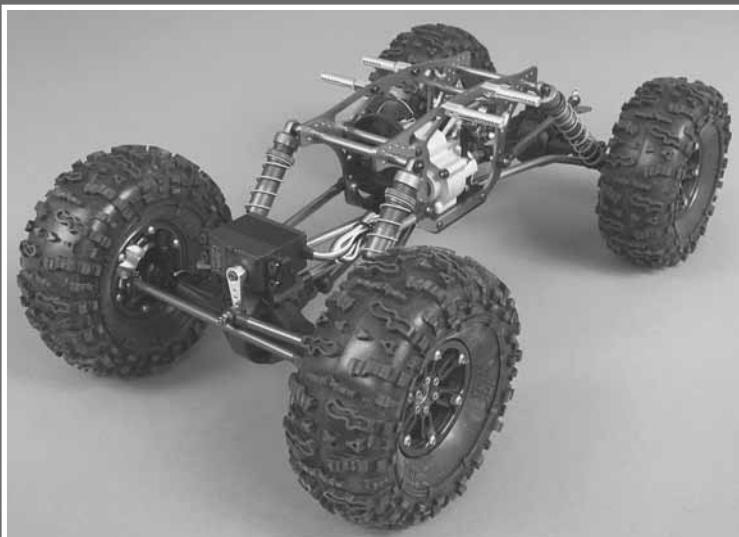
13. Install your steering servo onto the steering servo plate. Secure the servo to the servo mounts using the servo mount screws from your AX-10 kit. **Note:** Notice the direction of the servo.



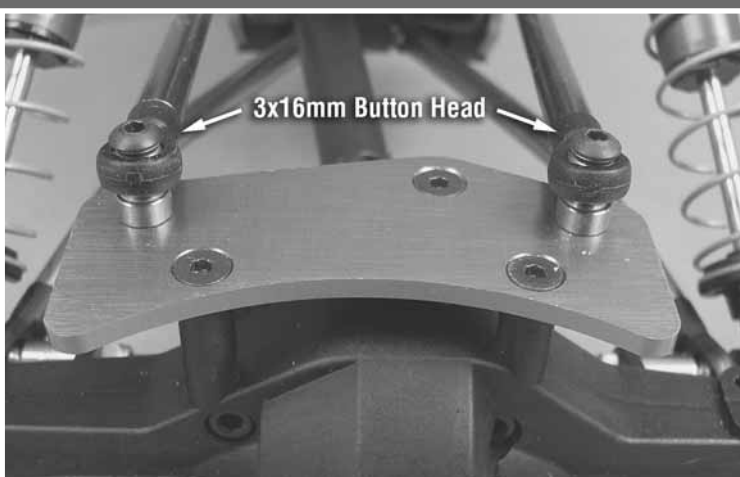
16. Attach the rear axle plate to the rear axle using two 3x14mm flat head screws and one 3x10mm flat head screw (see pic.)



14. Attach the rear shock and rear lower link to the rear axle. Use two 8.5mm spacers as shown. Secure the assembly to the axle using two 3x35mm button head screws and two 3mm lock nuts.



17. Install your body mounts, remaining electronics, wheels/tires and body.



15. Attach the rear upper links to the rear axle plate using two 3x16mm button head screws by installing the 3x16mm screws into the rod end balls followed by the 3mm spacers and then screwing into the rear axle plate. Secure the screws in place with two 3mm lock nuts.

Replacement Parts

DTXC6624	Servo/Rear Plate
DTXC6625	Upper/Lower Links
DTXC6626	Mounts/Spacers
DTXC6627	Skid Plate
DTXC8482	Rod Ends/Standoff Balls
DTXC8769	Hardware: Screws/Washers/Lock Nuts