













Recommended tools/ shop items:

- 2.5mm, 2mm & 1.5mm hex wrenches
- 5.5mm Socket Wrench
- BLUE thread lock (Loctite or Pacer)
- 1 Long M3 screw and M3 nut.
- 1/8" or 2mm drill bit
- X-acto blade
- Needle nose pliers
- Long M3 screw and m3 nut

Hardware list:

 A X2 M3 X 8 BH SCREW	 E X2 6.9mm BALL	 I X2 NYLON SWIVEL
 B X2 4.8MM BALL	 F X2 4.8 X 6MM BALL END	 J X4 M3 WASHER
 C X4 M3 X 8 CS SCREW	 G X1 M4 X 20 CS SCREW	 K X2 M3 X 10 SET SCREW
 D X2 M3 X 6 CS SCREW	 H X1 M4 X 10 CS SCREW	 L X2 M3 X 4 SET SCREW

F1R2 (IFS) INDEPENDENT FRONT SUSPENSION SET

#1473 FOR **F1R2** 6 17037 37348 1

ALSO REQUIRED;

- EXOTEK F1R2
- OR F1R WITH EXOTEK F1R2 SERVO MOUNTS #1397
- EXOTEK F104 ADJUSTABLE ARMS #1205
- DAMPENING LUBE- TAMIYA AWG GREASE #53439 OR 3RACING FGX IFS SILICONE



This kit is for experienced modelers and you build and use it at your own risk.

Follow the TAMIYA manual for build up, care and safety procedures.

Except where noted this kit was designed to work with TAMIYA parts only.

Secure metal thread with a SMALL amount of BLUE thread lock.

1. ASSEMBLY PREP: Note the parts included with the conversion below.



2. Prepare set screw holes and assemble FRONT BULKHEAD as shown.

1. OPEN 2 HOLES FOR 2 SET SCREWS USING 1/8" OR 2MM BIT.

2. ATTACH STOCK F104 BALL ENDS AND SPACERS

SHOCK TOWER

F104 BALL END

F104 3MM SPACER

DO NOT OVERTIGHTEN

3. ASSEMBLY: Attach ARM POSTS and REAR HINGE MOUNT as shown.

D

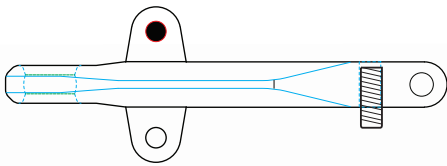
C

4. ASSEMBLY: Attach FRONT BULKHEAD as shown.

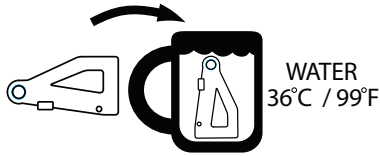
H **DO NOT OVERTIGHTEN**

Secure metal thread with a **SMALL** amount of **BLUE** thread lock.

5. **FRONT ARMS:** Assemble arms as shown.

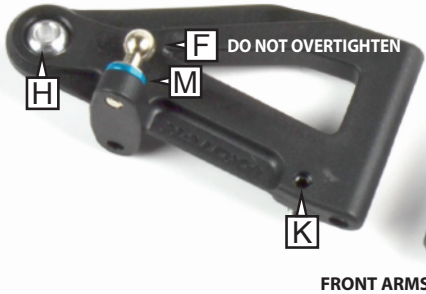


DO NOT GO TO STEP 5 IF IT IS **COLD**.
WARM UP THE FRONT ARMS. PLACE
 THE ARMS IN A CUP OF HOT WATER
 FOR 5 MINUTES TO PREVENT CRACKING.



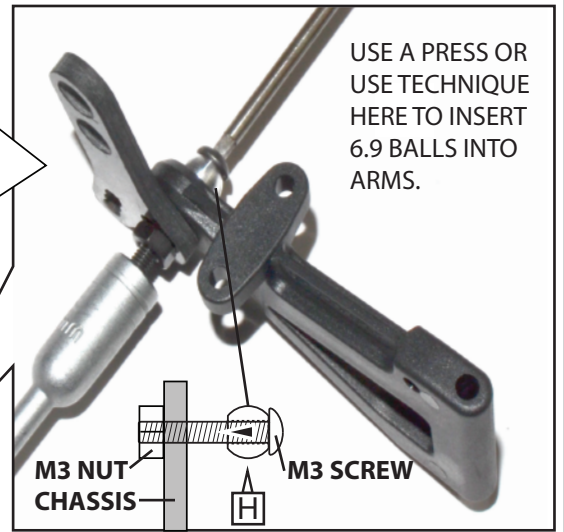
WATER
 36°C / 99°F

USE A PRESS OR
 USE TECHNIQUE
 HERE TO INSERT
 6.9 BALLS INTO
 ARMS.



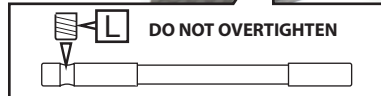
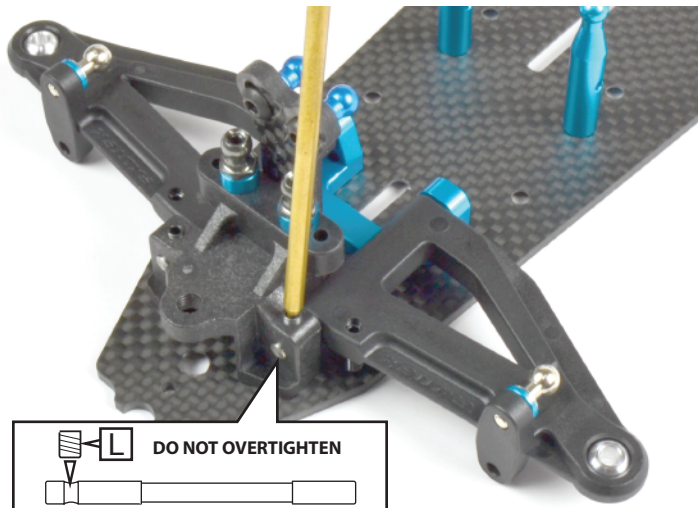
DO NOT OVERTIGHTEN

FRONT ARMS



M3 NUT
 CHASSIS
 M3 SCREW
 H

6. **ARMS:** Attach arms, hinge pins and set screws as shown.

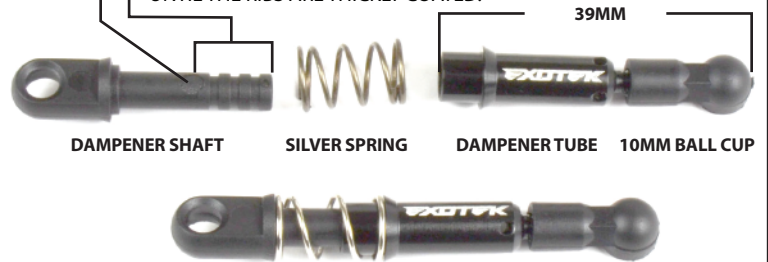


DO NOT OVERTIGHTEN

7. **DAMPENERS:** Assemble as shown.

1. TRIM EXCESS MOLD MATERIAL
 HERE UNTIL SMOOTH

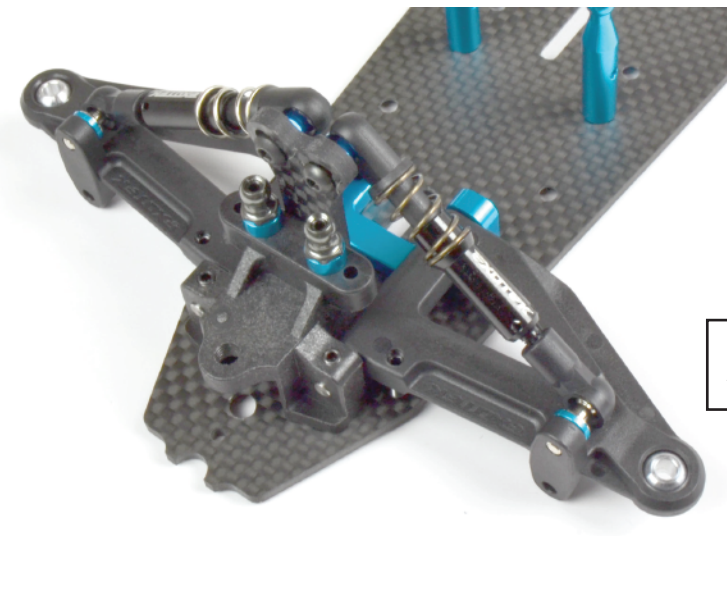
2. APPLY TAMIYA AWG LUBE #53439
 OR 3RACING FGX IFS SILICONE
 UNTIL THE RIBS ARE THICKLY COATED.



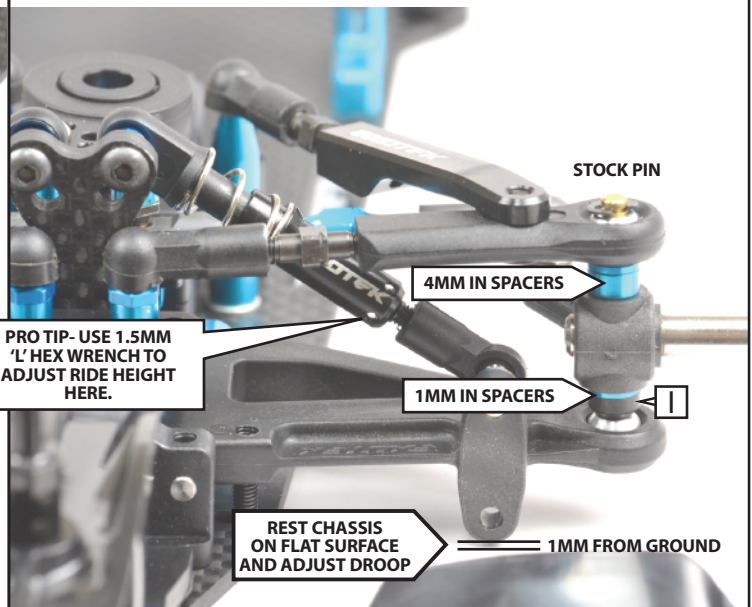
DAMPENER SHAFT SILVER SPRING DAMPENER TUBE 10MM BALL CUP

39MM

8. **DAMPENERS:** Snap onto place.



9. **ASSEMBLE:** Attach the Exotek ADJUSTABLE ARMS #1205 as shown.
 Attach F104 knuckle as shown using stock pin and spacers.



STOCK PIN

4MM IN SPACERS

PRO TIP- USE 1.5MM
 'L' HEX WRENCH TO
 ADJUST RIDE HEIGHT
 HERE.

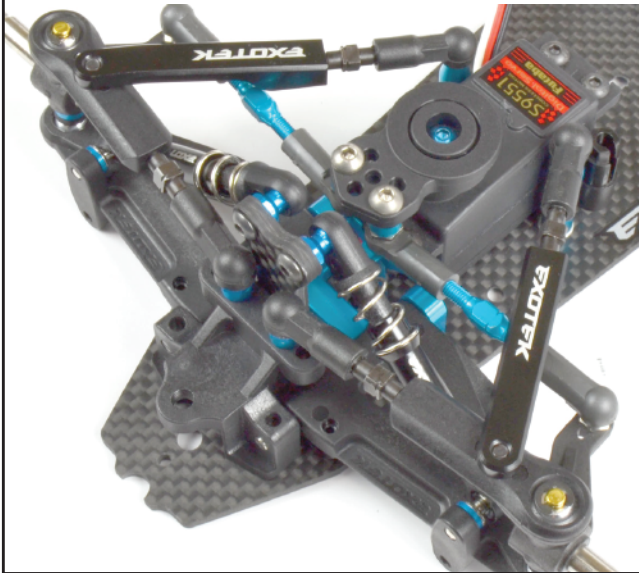
1MM IN SPACERS

REST CHASSIS
 ON FLAT SURFACE
 AND ADJUST DROOP

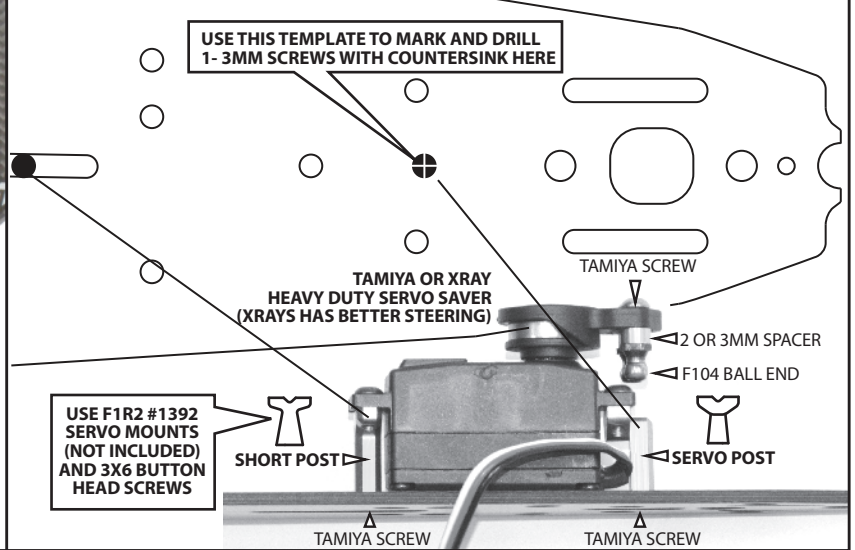
1MM FROM GROUND

Secure metal thread with a **SMALL** amount of **BLUE** thread lock.

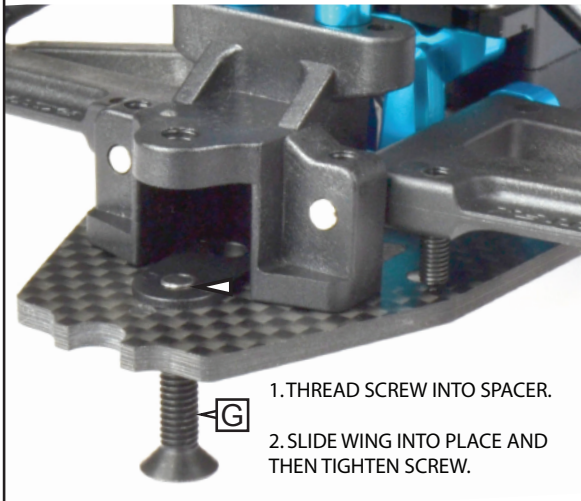
10. SERVO: Attach servo and links as shown.



11. **F1R ONLY:** For the F1R you will need to drill 1 hole and attach servo as shown in step 10.



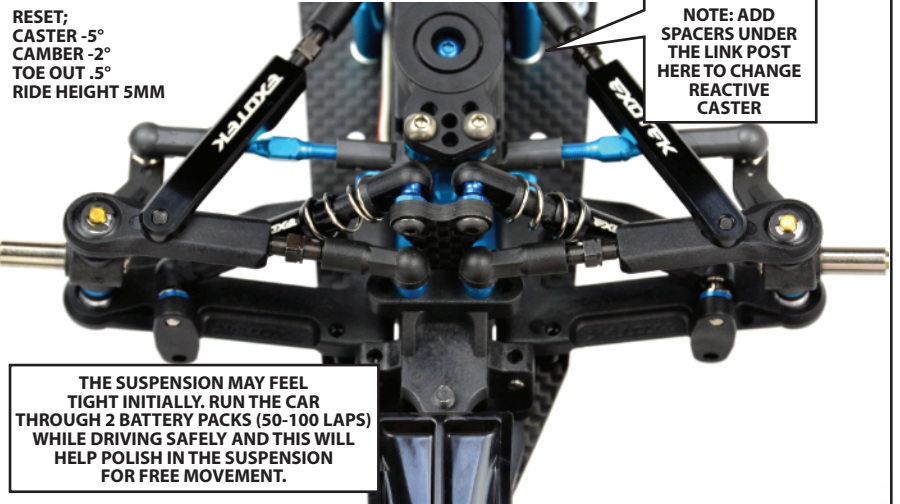
12. WING: Attach 1MM WING SPACER as shown.



1. THREAD SCREW INTO SPACER.
2. SLIDE WING INTO PLACE AND THEN TIGHTEN SCREW.

13. SET UP: Adjust angles and double check each setting again.

RESET;
CASTER -5°
CAMBER -2°
TOE OUT .5°
RIDE HEIGHT 5MM



14. BODY: Trim body for proper suspension clearance and movement.



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