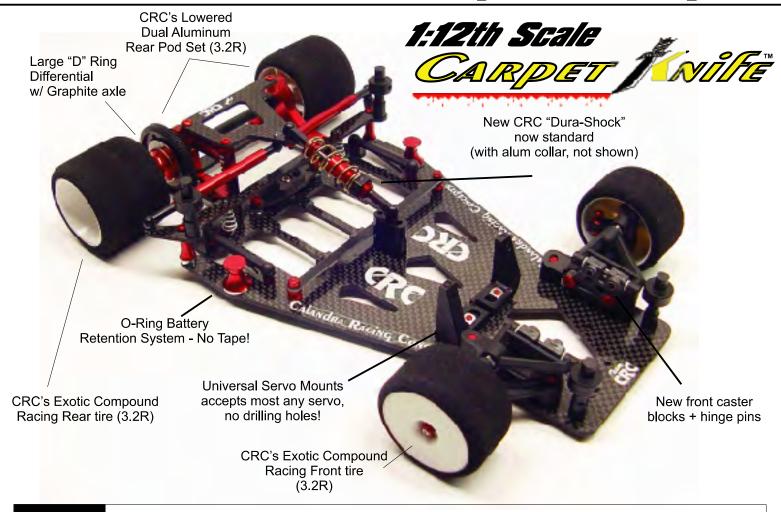
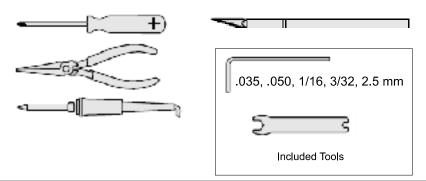
Calandra Racing Concepts







A number of tools are included in your kit. However, allen drivers with large handles are helpful when building the kit. These are available from most any hobby store. Also, handy are nut drivers with large handles. Look for 3/16" and 1/4" nut drivers at your local hobby store or hardware store. Other handy items are;

Scissors, double sided servo tape, Blue Locktite and pliers.

ITEMS NEEDED FOR COMPLETION

- 1 2 channel radio system '
- 2 4 cell battery pack + charger *
- 3 Electronic speed control '
- 4 540 size electric motor
- 5 Pinion gear
- 6 1/12th Lexan body-CRC Courage #4160 Recommended *
- * All extra items available from Calandra Racing Concepts

Chassis

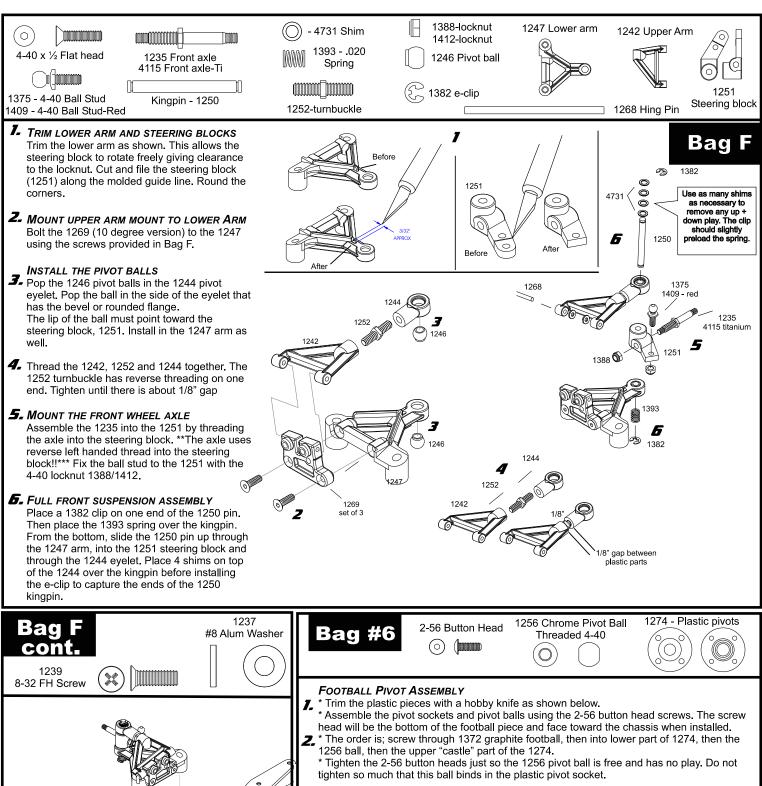


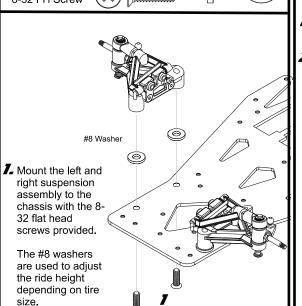
BEVEL BATTERY SLOTS Remove sharp edge- DO NOT FILE!

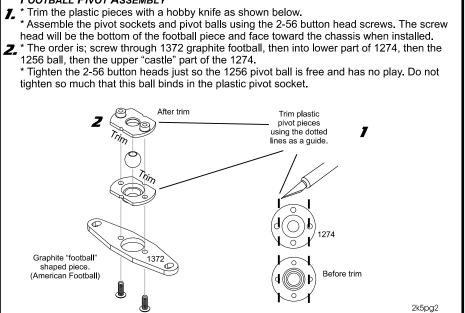
DO NOT USE A FILE TO LOWER THE CELLS! The cell slots are machined to require only a bit of edge de-burring. Use a sharp hobby knife to slightly deburr the machined battery slots. The batteries should sit so that the lowest point of the cell is flush

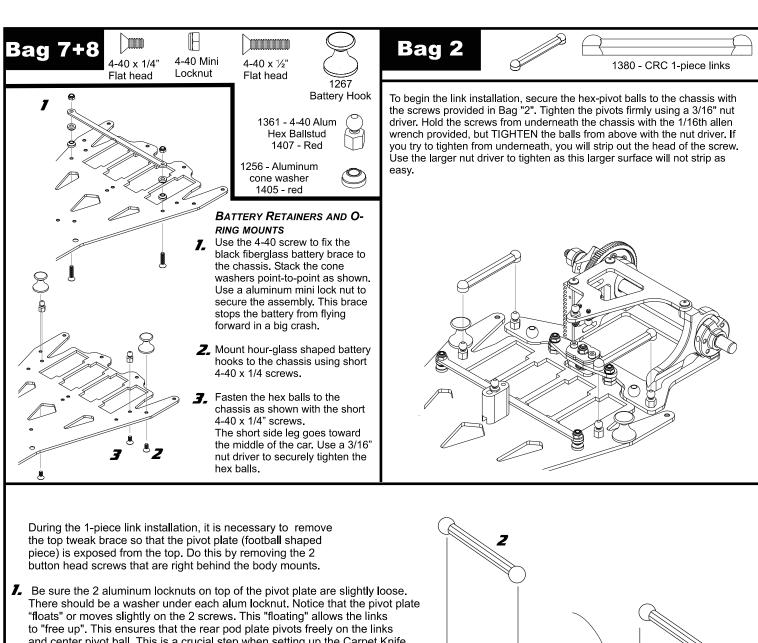
but not protruding through the chassis. WARNING! - GRAPHITE DUST CAN BE HARMFUL TO YOUR HEALTH!. WEAR SAFETY GLASSES.

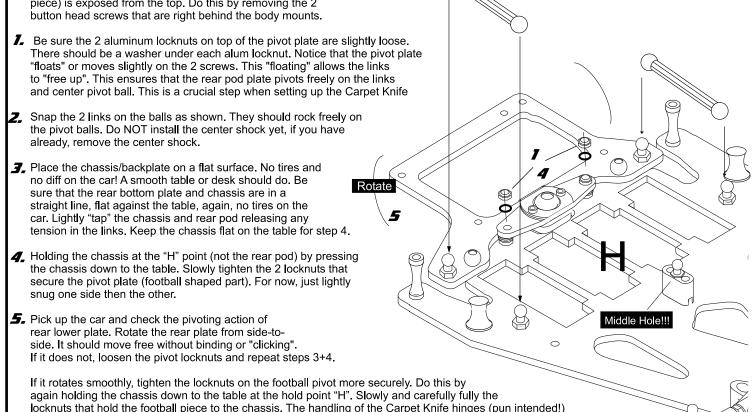
WHEN FINISHED, WASH THE CHASSIS IN RUNNING WATER AND DRY. THEN WASH YOUR HANDS AND CLEAN YOUR WORK AREA TO REMOVE GRAPHITE FILINGS.





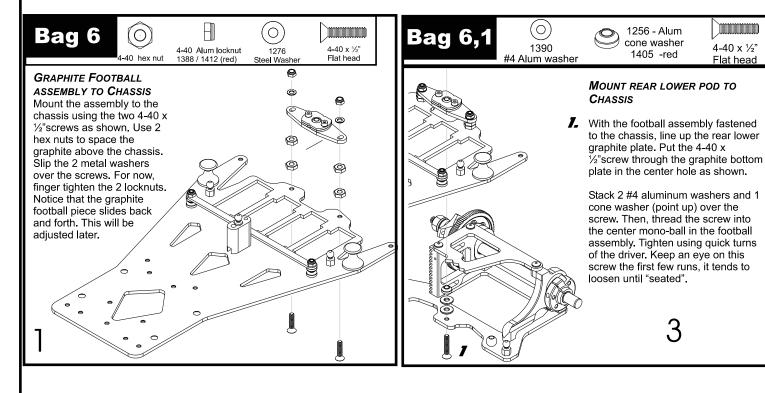


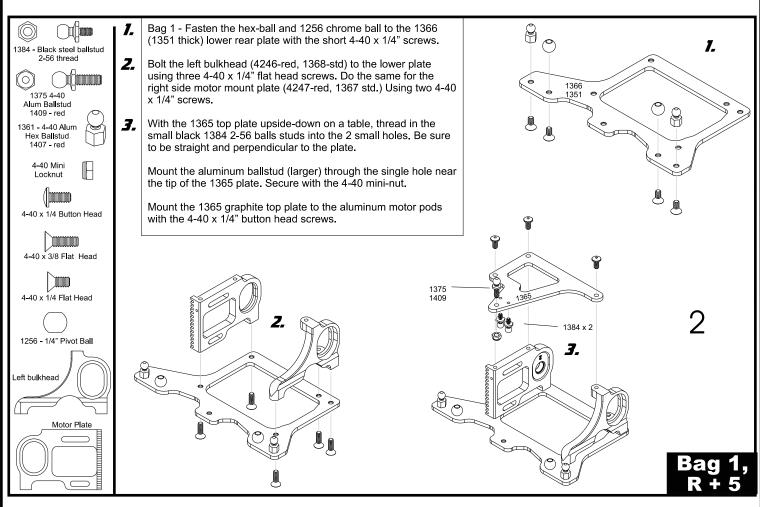




on the free movement of this rear plate. Be sure that the rear links and rear plate are free and not binding.

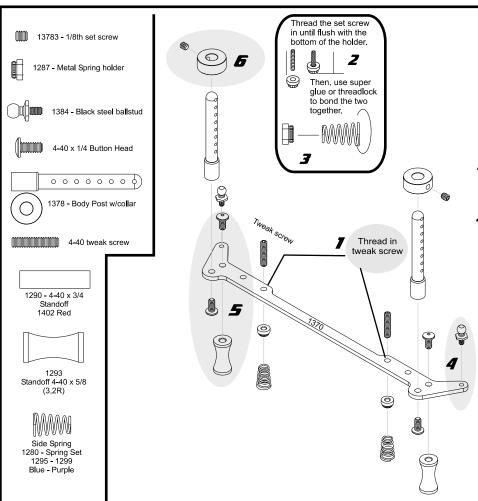
On this page, work from upper left (1) to bottom (2) and then to upper right (3).





4-40 x 1/2"

Flat head



CHASSIS/TWEAK BRACE ASSEMBLY

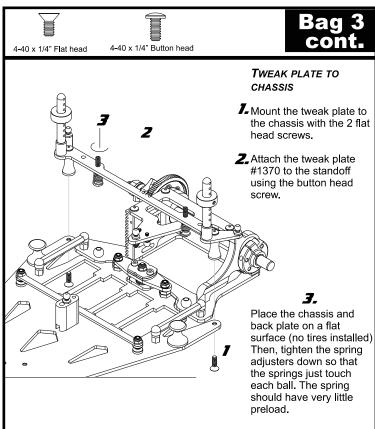
- Place the 1370 brace on a smooth, flat table and thread the Tweak set screws into the 1370 graphite brace. Try to be careful to thread it in straight and perpendicular.
- **2.** With the tweak screw threaded through the 1370, glueor threadlock the tweak screw to 1287 (metal spring holder) as shown in the illustration. The tweak screw should thread in until fluch with the 1287.

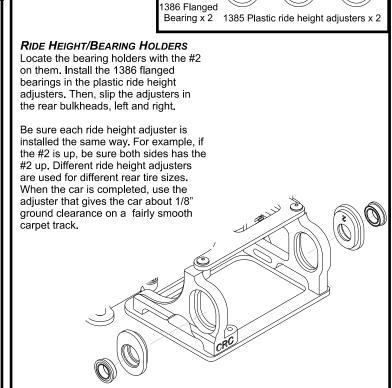
3. ATTACH SPRING TO METAL RETAINER

Use a small screwdriver or your fingernail to start the spring into the groove on the metal retainer. Pull the leading coil over the retainer and place the top coil into the groove. Then, holding the retainer securely, turn the spring counterclockwise to "open" the coil and snap the remaining portion over the groove.

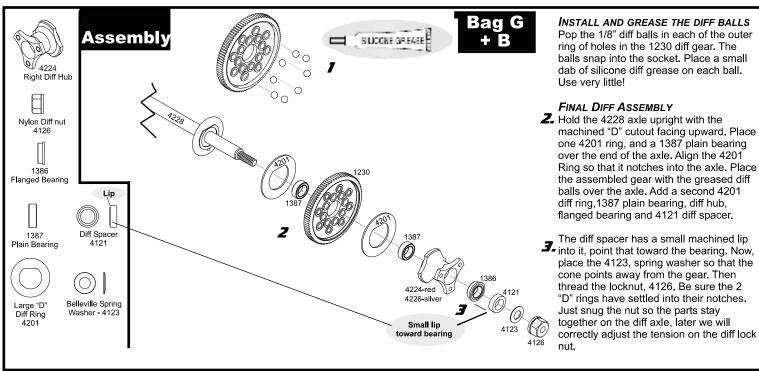
- **4.** Attach the 1384 2-56 damper tube balls to the 1370. Thread them straight and perpendicular to the 1370.
- **5.**Attach the standoffs and the body posts to the 1370 using the button head screws provided as shown. The smaller set screw are simply threaded in until 2 thread show.
- Thread the 13783 set screw into the body post collar as shown. The set screw will be used later to lock the collar at the height needed depending on your choice of body shell.

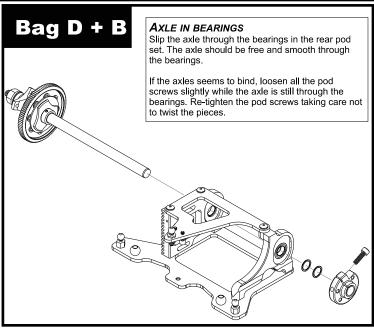
This brace will be attached to the chassis later.

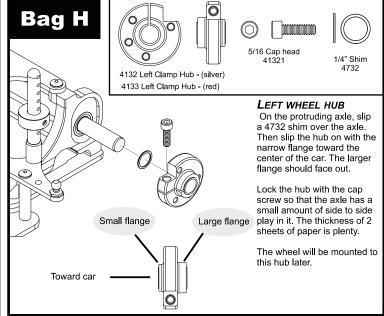


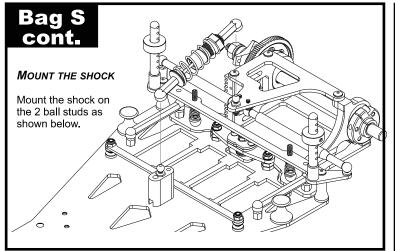


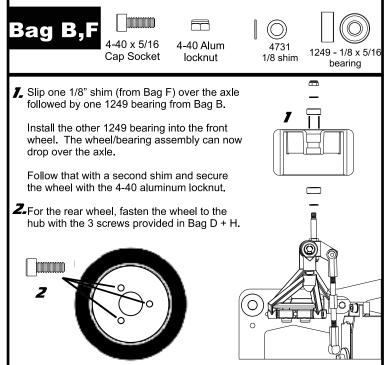
Bag R, B Assembly

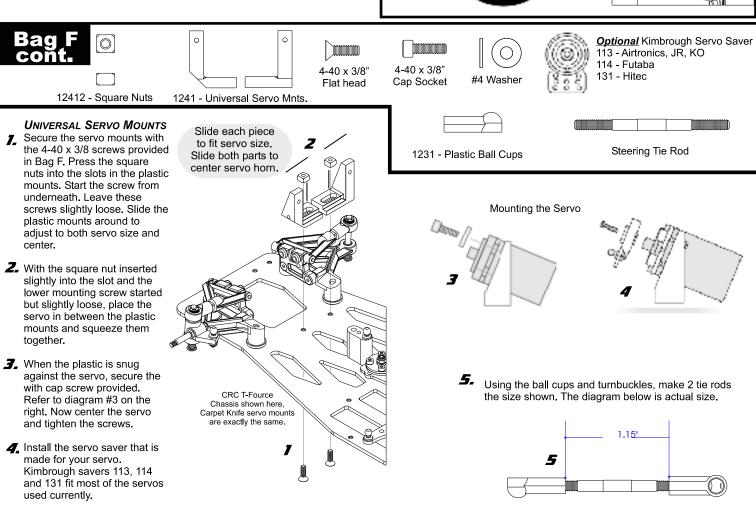


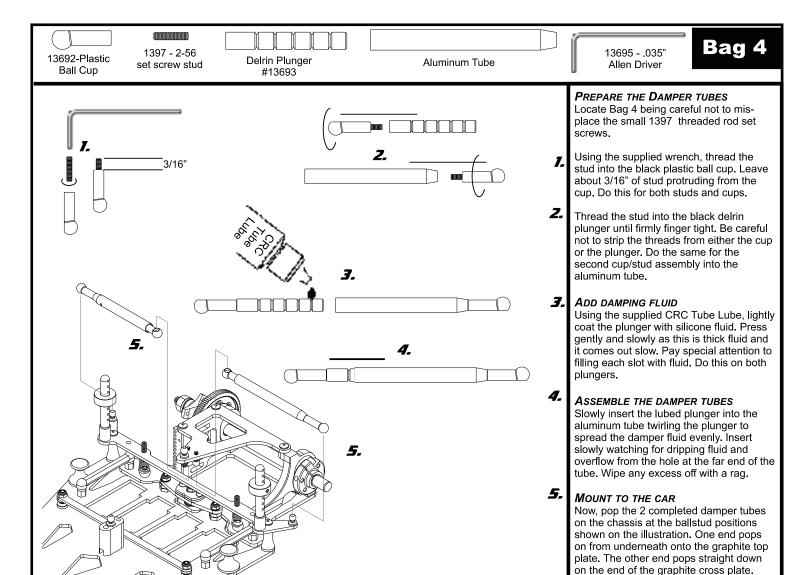


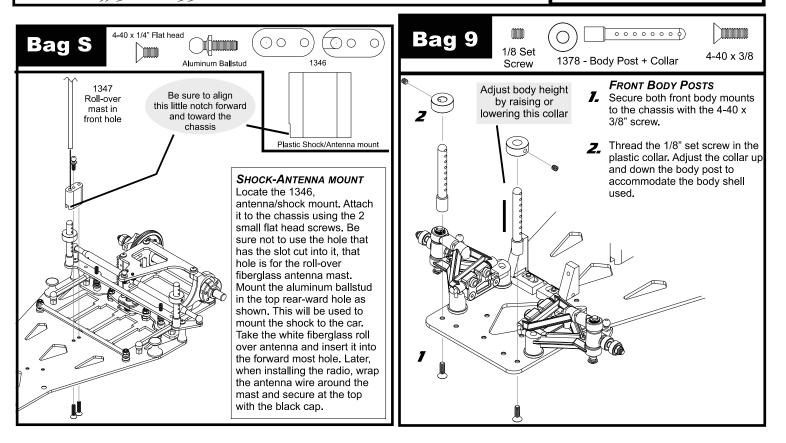










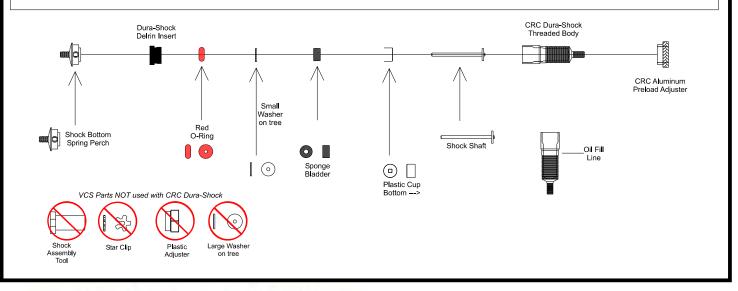


CRC Dura-Shock Assembly Instructions

***Pre assembly inspection - Take the shock shaft and slide it through the black Delrin insert. Be sure the shaft slides through freely. If the shaft drags on the Delrin, simply spin an X-acto Knife tip in each end of the delrin piece. The knife will remove the small manufacturing burr that occasionally forms right near the end of the hole.

- 1 Using 25 weight silicone oil, soak the foam bladder in oil. Press the bladder to ensure the oil has soaked into the foam. Wet the red O-ring as well.
- 2 Populate the shock shaft in this order; plastic cup (open end away from piston), soaked sponge, small washer from parts tree + pre-oiled red O-ring.
- 3 Hold the body upright and fill with 25 weight oil to the line shown. Place the populated shaft in the oil slowly.
- 4 Press the shaft slowly until it stops at the bottom of the shock. Slip the Delrin insert over the shaft and begin to thread into the shock body.
- 5 The insert will stop threading, hydro-locking as the shock has too much oil. Oil will spill out.
- 6 Allow the oil to bleed out, tightening and loosening the delrin insert while keeping the shaft fully depressed inside the body. This will bleed the shock.
- 7 When the shock is fully bled, no oil will leak and the shaft will rebound out very slowly when fully depressed. The shock shaft will rebound out 1/8".
- 8 Be sure that the shock is fully bled, any "pressure" from being overfilled with oil will cause the shock to leak during the first few uses .

***Post assemble notes: Some oil may seep out of the shock near the Delrin insert. This is simply some remnants of the oil bleed process. Just wipe it off after the first couple uses, and it should go away. This also may happen if the shock was built with too much oil in it. Be sure to bleed fully.





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