

## Builders Support Guide: RC 10 B6 Builders Support Kit 2.

The RC 10B6 Builders Support Kit 2 brings Team Associated race-winning technology to builders assembling dirt oval sprint cars, late models, and custom drag cars. The applications are endless. The Builders Support Kit has the major sub-assemblies builders need in a value-packed kit, without having to pay for excess 2WD off-road buggy parts.

Scan the QR code to get to the TeamAssociated.com product page where you can download a detailed PDF manual showing each assembly included. Also look for a downloadable PDF of 3rd party conversion vendors who supply parts to complete your dirt oval, drag, or custom creation.

Scan QR code for complete manual.



SCAN ME

### Bag 5 - Step 1

**6581 x14**  
3/32 Carbide Diff Balls

**7666**  
Diff Drive Ring

**7666**  
Diff Drive Ring

**91419**  
Diff Gear, 52T

**91701**  
Ball Diff Outdrive Male

**91701**  
Ball Diff Outdrive Female

**91990 x2**  
Thrust Washer

**91990**  
Caged Thrust Bearing

**6575**  
Diff Thrust Bolt

**BLACK GREASE #6588**

**FT DIFF LUBE #6591**

**Build Tip:**  
The bottom side of the gear has 3 injection dots. This side faced down will keep the diff balls from falling thru the holes.

**Build Tip:**  
Install the first washer (groove up), add grease #6588. Install the caged thrust washer. Add grease on top of the balls, then install the 2nd washer (grooves down).

### Bag 5 - Step 2

**8680**  
5 x 8 x 2.5mm, Bearing

**8680**  
5 x 8 x 2.5mm, Bearing

**6575**  
Locking T-nut

**6582**  
Diff Thrust Spring

**6575**  
Diff cover

**As you tighten the diff bolt, you will notice the T-nut ears moving closer to the bottom of the outdrive slot. This compresses the spring behind the T-nut. The spring should be completely compressed at the time the T-nut reaches the end of the slot. Caution! Pay close attention to the feeling when the spring is completely compressed. Do not overtighten the bolt. When you feel the spring completely compressed, loosen the diff bolt 1/8 of a turn. Your diff should now operate smoothly but with resistance as the outdrives move in opposite directions. After you have driven the car once, re-check the diff setting.**

**Build Tip:**  
Do this entire step with the diff screw on the end of your wrench for better control.

### Bag 9 - Step 1

**91932**  
FT 13mm Shock Piston, 2.5mm [2x1.6] "front"

**31510**  
M2 x 4mm BHCS

**91933**  
FT 13mm Shock Piston, 2.5mm [2x1.7] "rear"

**89278**  
2.5mm Washer

**91615**  
V2 3 x 21 Shock Shaft TiN "front"

**91920**  
13x23mm Shock Bodies "front"

**91996**  
13mm Shock Cap O-Ring

**91493 x2**  
X-Ring

**91996**  
13mm Shock Spacer

**91996 x2**  
13mm Shock Hat Bushing

**31327**  
VCS3 Shock Bottom Cap

**FT GREEN SLIME #1105**

**Mount the shock pistons with the number facing up!**

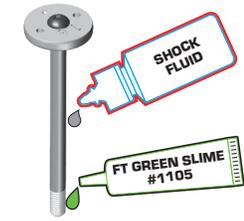
**Lightly rub shock oil on the O-ring before installation!**

**Racers Tip:**  
Use a marker over the numbers on the pistons to make them easily visible!

**Racers Tip:**  
Coating the O-rings with green slime (#1105) helps seal & reduce O-ring swell! Green slime not included in kit!

Build x2 front, x2 rear shocks

## :: Bag 9 - Step 2



There are 3 lengths of shock eyelet in the kit. Pay attention to length when building as these affect your droop and uptravel.



Lightly rub shock fluid or green slime on threads



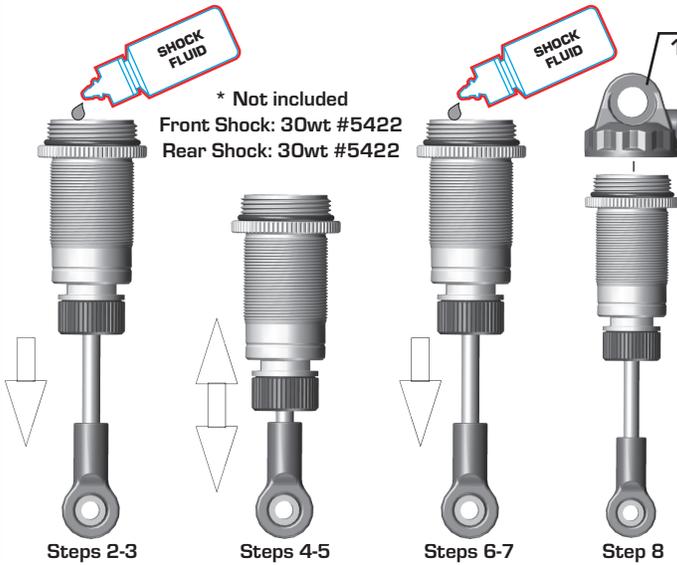
**92419**  
Shock Eyelets  
Front / Rear  
Shocks +2mm



**91819**  
Shock  
Pivot Ball

Build x2 front, x2 rear shocks

## :: Bag 9 - Step 3

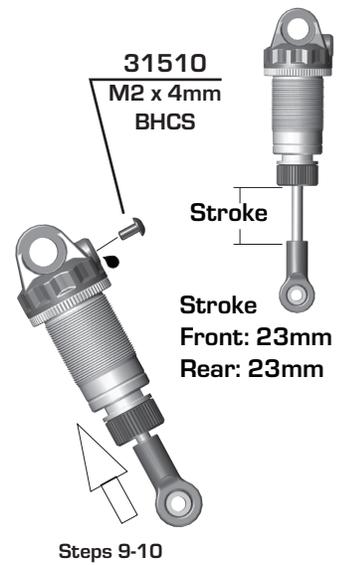


\* Not included  
Front Shock: 30wt #5422  
Rear Shock: 30wt #5422

**91926**  
13mm Shock  
Cap

### Shock Bleeding Steps:

1. Before assembly, get each bleed screw and thread it 1-2 turns into the shock cap, then remove the screw. This will make it easier when you are bleeding your shocks.
2. Pull shock shaft down.
3. Fill shock body 3/4 full with silicone shock fluid.
4. Slowly move the shock shaft up and down to remove air from under the piston.
5. Wait for bubbles to come to surface.
6. Fill shock body to top with silicone shock fluid.
7. Place a drop of oil in the cap and on cap threads.
8. Install cap (without bleed screw) and tighten completely.
9. Slowly compress shaft all the way to bleed excess silicone shock fluid out the hole in the cap (use rag around shock to catch excess fluid).
10. Install M2x4mm button head screw until snug while shaft is fully compressed.



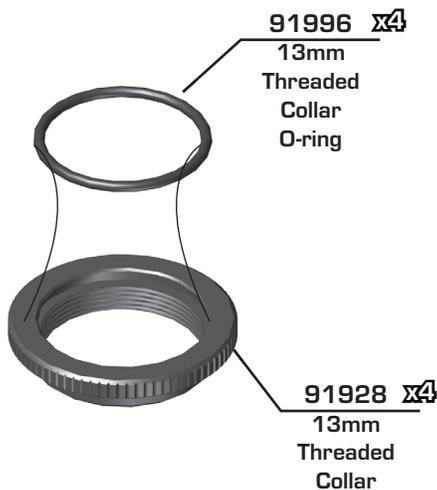
**31510**  
M2 x 4mm  
BHCS

Stroke

Stroke  
Front: 23mm  
Rear: 23mm

Steps 9-10

## :: Bag 9 - Step 4



**91996** x4  
13mm  
Threaded  
Collar  
O-ring

**91928** x4  
13mm  
Threaded  
Collar

Build x4



Racers Tip:  
Use your finger  
to rub shock fluid  
on the O-ring for  
smoother  
adjustment!

**91944**  
13mm Front  
Spring, Red  
(4.00lb)

**91945**  
13mm Front  
Spring, Orange  
(4.30lb)



**#91966** 13mm Shock Spring Cups  
0mm      5mm      9mm



**91966**  
13mm Shock  
Spring Cup  
(Front - 5mm)  
(Rear - 5mm)



Screw collars to top.  
Use to adjust ride  
height.

Build x2 front, x2 rear shocks