

# RRP BALL DIFFERENTIAL SET YZ10 RE-RELEASES RRP-120XG



**Unleash the Power of Innovation with RRP.**



Obtain (1) 4x8x3 bearing, 33T pulley, 3/32 bearings and lube

AE Black Grease ASC6588

AE Diff Lube ASC6591

Place (12) 3/32 bearing balls as shown.

Apply AE black grease to thrust washer, and thrust bearings

**In order:** Place Spring Washer, grooved thrust ring, thrust bearing ring, grooved thrust ring, all through the bolt as shown.  
**Note:** Thrust ring grooves towards the thrust bearing ring.

Apply differential rings on outdrives

Deep well towards short outdrive.

Thread the bolt through the long outdrive (L). Apply 33T pulley with the deep well facing the right side of the car (towards short (R) outdrive).

Insert 4x8x3 bearing inside of long outdrive

Attach long outdrive against pulley.

Obtain differential thrust spring and T-Nut. Insert spring through short outdrive followed by the T-Nut.

Insert T-Nut until it reaches the end of the outdrive driveshaft slots. Apply outdrive plastic cap on the short outdrive.

## SETUP TIPS

Ensure the T-nut and screw are installed correctly; if the differential will not tighten, it may be on the wrong outdrive side. For high-traction surfaces, the diff may need to be slightly tighter to avoid excessive wear.



Tighten the diff screw with a 2.0mm driver until it is snug to seat the components, **Caution:** Pay close attention to the feeling when the spring is completely compressed. Do not overtighten the bolt. When you feel the spring completed compressed, then back it off by roughly 1/8 to 1/4 of a turn to allow proper action.

Apply a 0.5mm shim as needed for proper alignment of pulley.

