



## Installing Z3D's 12mm Front Hex Adapter (Fits AE 2wd Buggies)

### Packaging:

- 12mm Hex Adapter (Qty. 2)
- Outer Bearing Adapter (Qty. 2)
- Outer Washer (Qty. 2) – **Note:** Installation Optional
- Metal 4-40 Wheel Nuts (Qty. 2)

### Instructions:

**Step 1.** Install 3/16 x 3/8 bearings (not included) on both the Hex and round adapter, see Figure 1 below. **Note:** These are a tight fit by design. Press bearing and be sure it is seated well.

**Step 2.** Slide the *12mm Hex Adapter* onto the front axle with the fully exposed bearing towards the center of the car, see Figure 2 below.

**Step 3.** Slide the wheel onto the 12mm hex adapter, see Figure 3 below. **Optional:** The modern wheel and AE axle are the same diameter. You can ream to 5.5mm to improve how free the wheel is, see Figure 4.

**Step 4.** Slide the Outer Bearing Adapter onto the front axle with the fully exposed bearing towards the outside of the car, see Figure 5 below.

**Step 5.** Place supplied metal wheel nut and tighten, see Figure 6 below. **Note:** Do not overtighten

**Tech Tip:** I prefer to tighten the wheel nut until snug and back out  $\frac{1}{4}$  to  $\frac{1}{2}$  turn. This is the perfect amount to make sure you don't compress the inner race and have no slop. **Optional:** For those that prefer the plastic wheel nuts, an outer washer is included. Be sure to install with smaller surface towards the bearing.

**Thank you for choosing Z3D!!**



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6