**Differential Break In**

The differential mesh may seem smoother when turning the outdrive on the non-gear side. This is normal. The differentials will NEED TO BREAK IN before you run the car for the first time. To do this Get your car ready to run, electronics installed, battery charged, ready to go…

**Step 1** – Place the 2 left tires on the ground, ensure they do not move. Rev to 1/8 throttle for 30 seconds allowing the 2 right tires to ‘diff out’ BE CAREFUL not to rev too fast or you may completely damage the diff. Repeat Step 1 placing the 2 right tires on the ground. Repeat Step 1 placing the 2 front tires on the ground. Repeat Step 1 placing the 2 rear tires on the ground.

When done properly, breaking in the diffs will smooth out the diff action and ensure that they run freely during operation.

---

**Step 1**

- Place the 2 left tires on the ground, ensure they do not move.
- Rev to 1/8 throttle for 30 seconds allowing the 2 right tires to ‘diff out’
- BE CAREFUL not to rev too fast or you may completely damage the diff.
- Repeat Step 1 placing the 2 right tires on the ground.
- Repeat Step 1 placing the 2 front tires on the ground.
- Repeat Step 1 placing the 2 rear tires on the ground.

**Fill with oil to the top of spider gears**

---

**Step 2**

---

**Step 3**

---

**Step 4**

---

**TKR5148 Complete Front/Rear Differential (overview)**

**TKR1325 M3x14mm Flat Head Screw**

**TKR5144 Differential O-rings**

**TKR5145 Differential Shims (6x17mm)**

**TKRBB08165 Ball Bearing (8x16x5mm)**