

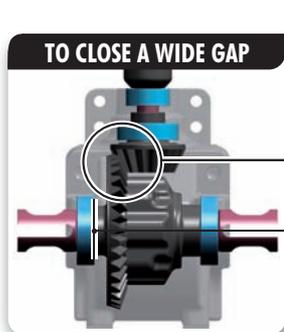
# XRAY XB4 TECH TIP

## **TIP** FRONT & REAR DIFF GEAR MESH ADJUSTMENT

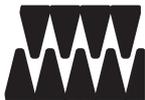
We suggest that you first check gear mesh as below. If there is too much or too little diff side play, this may create non-optimal gear mesh between the diff gear and the pinion drive gear. This is easily resolved by inserting 1 or 2 of the included thin shims behind a diff outdrive ball-bearing, depending on how much play there is.

THE LOCATION OF THE SHIM(S) DEPENDS ON WHETHER YOU ARE TRYING TO CLOSE OR OPEN THE GAP:

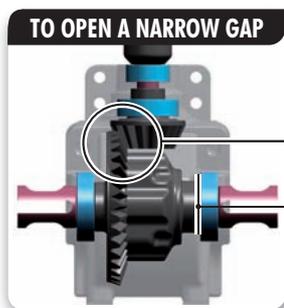
### INCLUDED SHIM



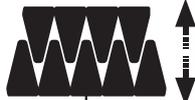
### CLOSE A WIDE GAP



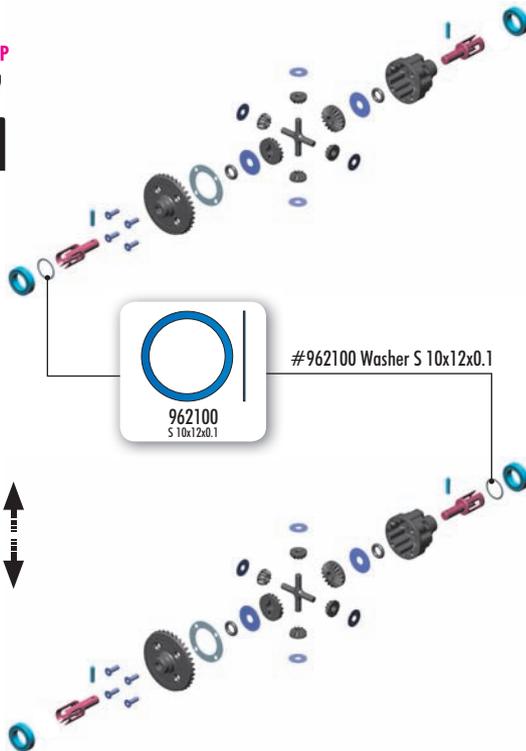
insert shim(s) here



### OPEN A NARROW GAP



insert shim(s) here



**To CLOSE** a wide gap:  
add 1 or 2 shims against diff spur gear



**To OPEN** a narrow gap:  
add 1 or 2 shims on the other side of the diff, away from spur gear