

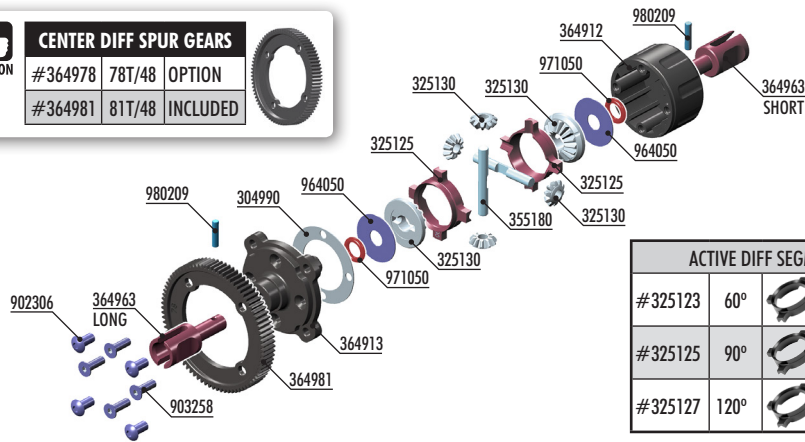
# XRAY XB4 / XT4

## #365101 ACTIVE DIFFERENTIAL - CENTER - SET



### CENTER DIFF SPUR GEARS

OPTION	#364978	78T/48	OPTION
	#364981	81T/48	INCLUDED



ACTIVE DIFF SEGMENTS				
#325123	60°		OPTION	
#325125	90°		INCLUDED	
#325127	120°		OPTION	

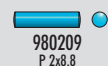
304990	DIFF GASKET (4)	364981	COMPOSITE CENTER DIFF SPUR GEAR 81T / 48
325125	ACTIVE DIFF SEGMENT 90° (2)	902306	HEX SCREW SH M3x6 (10)
325130	ACTIVE DIFF STEEL BEVEL & SATELLITE GEARS (2+4)	903258	HEX SCREW SFH M2.5x8 (10)
355180	ACTIVE DIFF PIN (2)	964050	WASHER S 5x15x0.3 (10)
364912	COMPOSITE GEAR DIFFERENTIAL CASE - LARGE VOLUME	971050	SILICONE O-RING 5x1.5 (10)
364913	COMPOSITE CENTER GEAR DIFF ADAPTER - LARGE VOLUME	980209	PIN 2x8.8 (10)
364963	CENTER GEAR DIFF OUTDRIVE ADAPTER (1+1)		



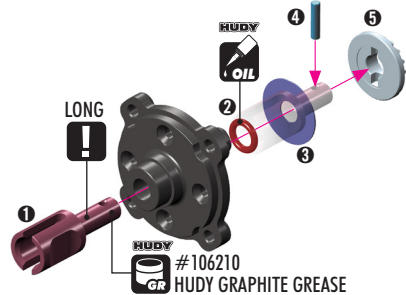
964050  
S 5x15x0.3



971050  
O 5x1.5

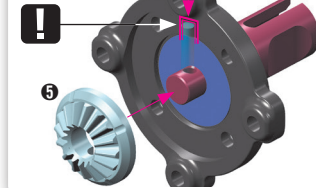


980209  
P 2x8.8

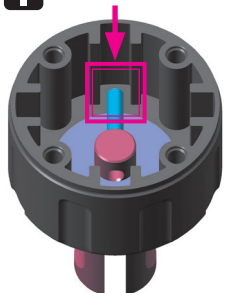


### STEP 4 & 5 DETAIL

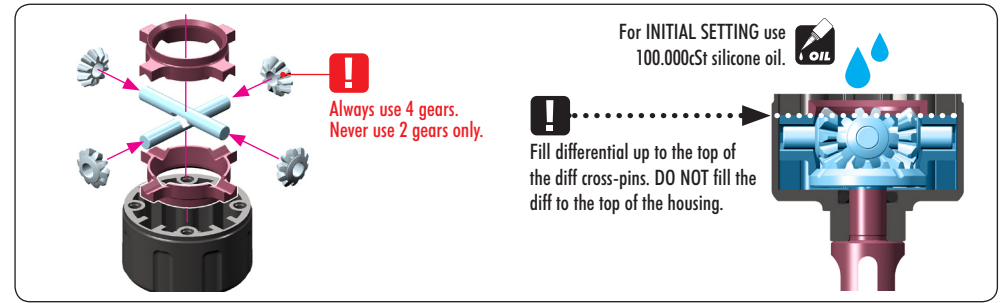
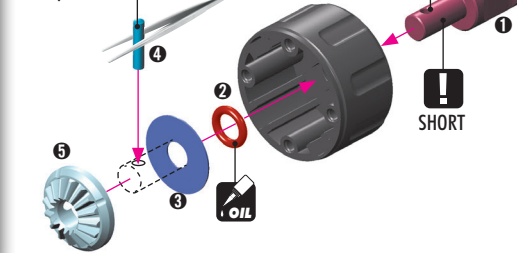
NOTE ORIENTATION



NOTE ORIENTATION



Use tweezers to insert pin



TO ENSURE YOU HAVE THE SAME AMOUNT OF OIL FROM REBUILD TO REBUILD, DO THE FOLLOWING:

#107865

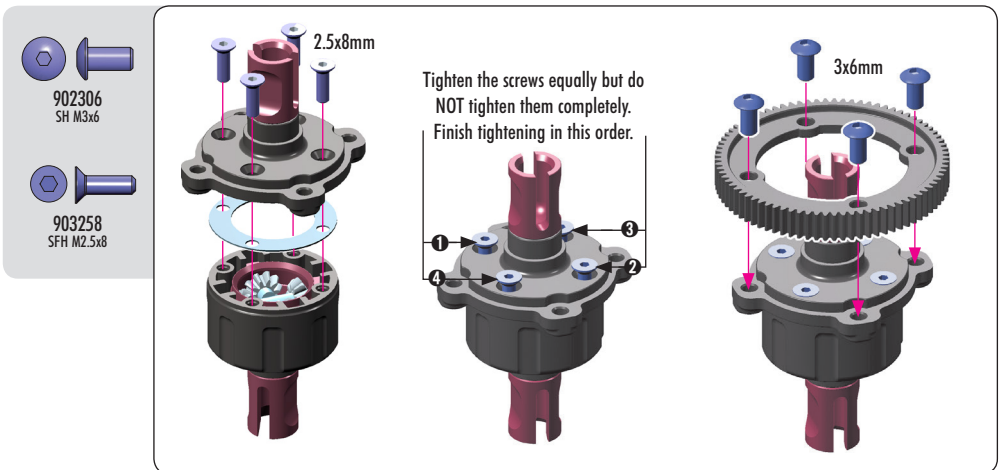
HUDY Ultimate Digital Pocket Scale 300g ± 0.01g



1 Put the diff (without oil) on the scale and check the weight (approximately 19.05g)

$$18.70g + 1.10g = 20.15g$$

2 Slowly pour oil into the diff and watch the weight. Add 1.10g of oil into the diff. The approximate weight of the diff including oil is 20.15g.



ACTIVE DIFF ON - AND OFF-POWER ACTION	
ACTION	EFFECT
OFF-POWER	Off-power the Active Diff works the same way as standard front/rear differential, so adjustment is made by using different viscosities of silicone oil. The softer the oil, the more off-power steering but the car will be more aggressive.
ON-POWER	The main advantage of the Active Diff is readily apparent when on-power. The diff becomes harder and more locked when throttle is applied, giving a lot of forward traction and stability to the car.

ACTIVE DIFF SEGMENTS	LOCK ON-POWER	TRACK CONDITIONS
#325123 60° OPTION		LOW
#325125 90° INCLUDED		MEDIUM
#325127 120° OPTION		HIGH

