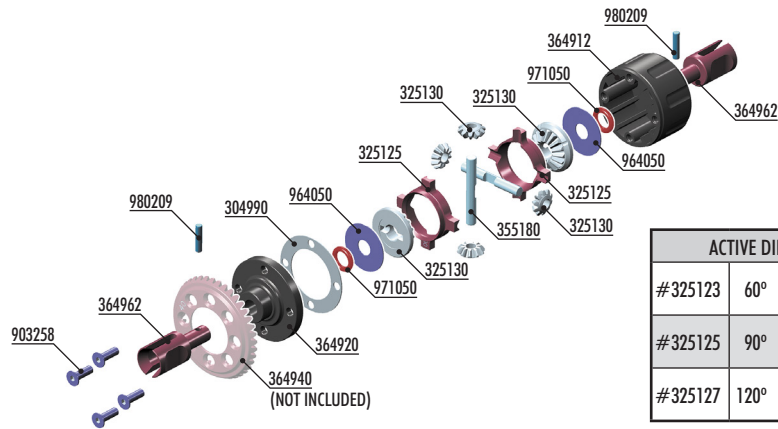


XRAY XB4/XT4

#365100 ACTIVE DIFFERENTIAL - FRONT/REAR - SET



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

304990 DIFF GASKET (4)
 325125 ACTIVE DIFF SEGMENT 90° (2)
 325130 ACTIVE DIFF STEEL BEVEL & SATELLITE GEARS (2+4)
 355180 ACTIVE DIFF PIN (2)
 364912 COMPOSITE GEAR DIFFERENTIAL CASE - LARGE VOLUME
 364920 COMPOSITE GEAR DIFFERENTIAL COVER - LARGE VOLUME
 364962 GEAR DIFF OUTDRIVE ADAPTER FOR LARGE VOLUME DIFF (2)

903258 HEX SCREW SFH M2.5x8 (10)
 964050 WASHER S 5x15x0.3 (10)
 971050 SILICONE O-RING 5x1.5 (10)
 980209 PIN 2x8.8 (10)



964050
S 5x15x0.3



971050
O 5x1.5

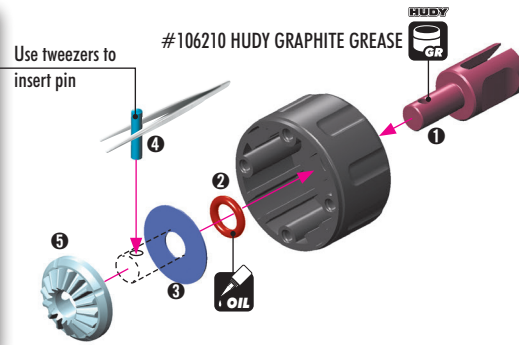
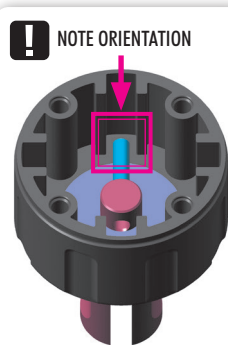
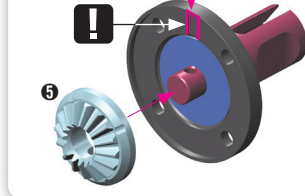


980209
P 2x8.8



STEP 4 & 5 DETAIL

NOTE ORIENTATION



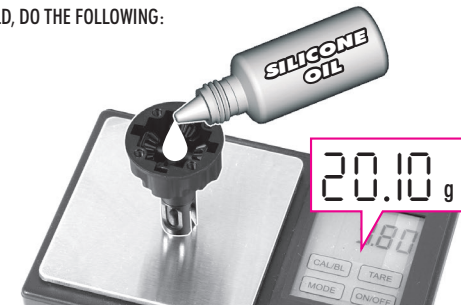
TO ENSURE YOU HAVE THE SAME AMOUNT OF OIL FROM REBUILD TO REBUILD, DO THE FOLLOWING:

#107865
 HUDY Ultimate Digital Pocket Scale 300g ± 0.01g



1 Put the diff (without oil) on the scale and check the weight (approximately 18.70g)

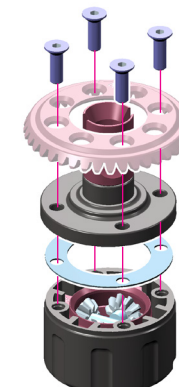
$$18.70g + 1.40g = 20.10g$$



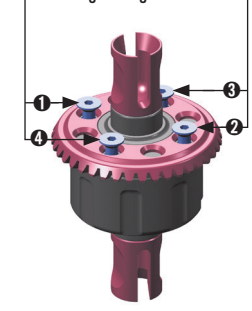
2 Slowly pour oil into the diff and watch the weight. Add 1.40g of oil into the diff. The approximate weight of the diff including oil is 20.10g.



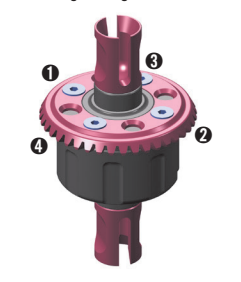
903258
SFH M2.5x8



Tighten the screws equally but do NOT tighten them completely. Finish tightening in this order.



Finish tightening in this order.



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

