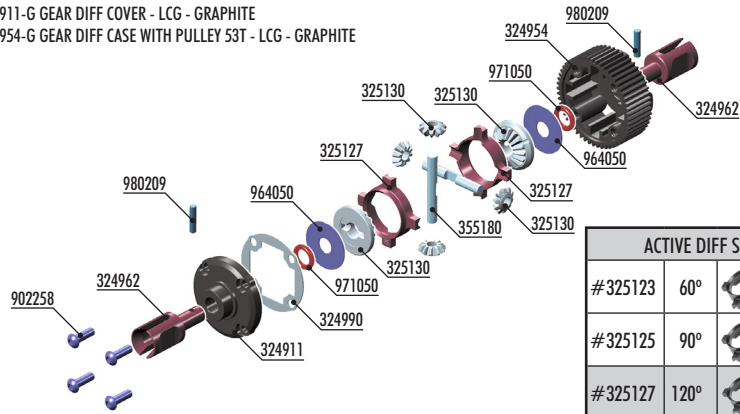


XRAY XB2 / XT2 / SCX

#325100 ACTIVE DIFFERENTIAL - SET



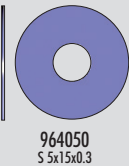
#324911-G GEAR DIFF COVER - LCG - GRAPHITE
#324954-G GEAR DIFF CASE WITH PULLEY 53T - LCG - GRAPHITE



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

324911 COMPOSITE GEAR DIFFERENTIAL COVER - LCG
324954 COMPOSITE GEAR DIFFERENTIAL CASE WITH PULLEY 53T - LCG
324962 GEAR DIFF OUTDRIVE ADAPTER - LCG - HUDY SPRING STEEL™ (2)
324990 DIFF GASKET (4)
325127 ACTIVE DIFF SEGMENT 120° (2)
325130 ACTIVE DIFF STEEL BEVEL & SATELLITE GEARS (2+4)
355180 ACTIVE DIFF PIN (2)

902258 HEX SCREW SH M2.5x8 (10)
964050 WASHER 5x15x0.3 (10)
971050 SILICONE O-RING 5x1.5 (10)
980209 PIN 2x8.8 (10)



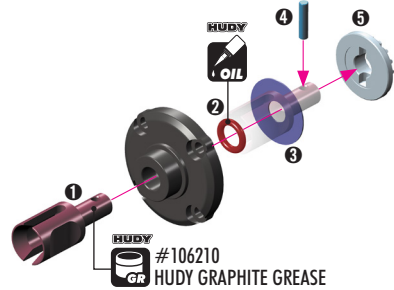
964050
5x15x0.3



971050
O 5x1.5

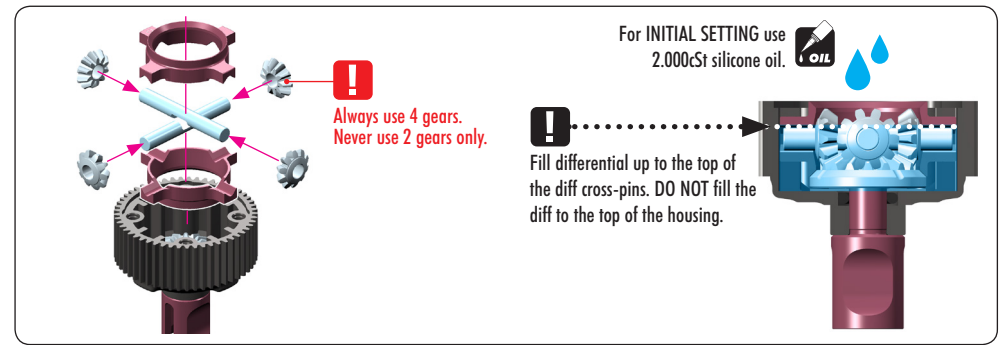
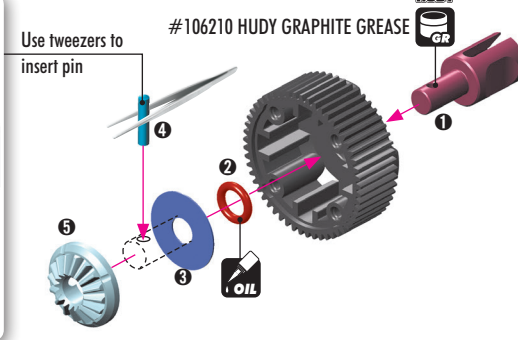
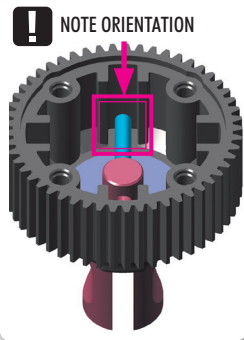
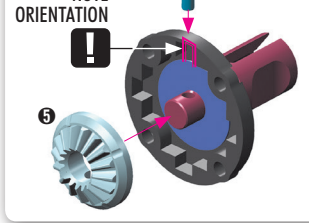


980209
P 2x8.8



STEP 4 & 5 DETAIL

NOTE ORIENTATION



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

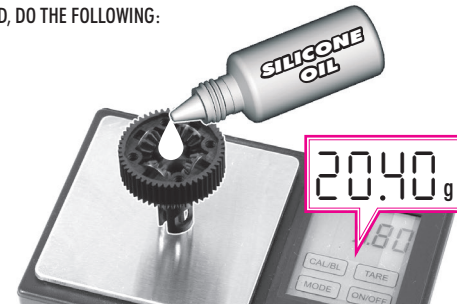
#107865

HUDY Ultimate Digital Pocket Scale 300g ± 0.01g



1 Put the diff (without oil) on the scale and check the weight (approximately 19.10g)

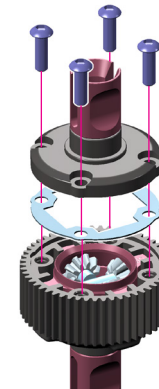
$$19.10g + 1.30g = 20.40g$$



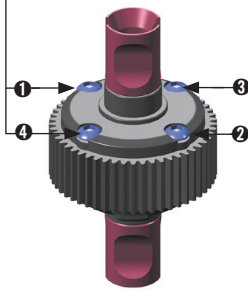
2 Slowly pour oil into the diff and watch the weight. Add 1.30g of oil into the diff. The approximate weight of the diff including oil is 20.40g.



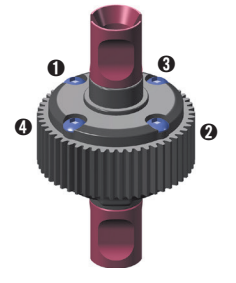
902258
SH M2.5x8



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 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°	OPTION		MEDIUM
#325127	120°	INCLUDED		HIGH

