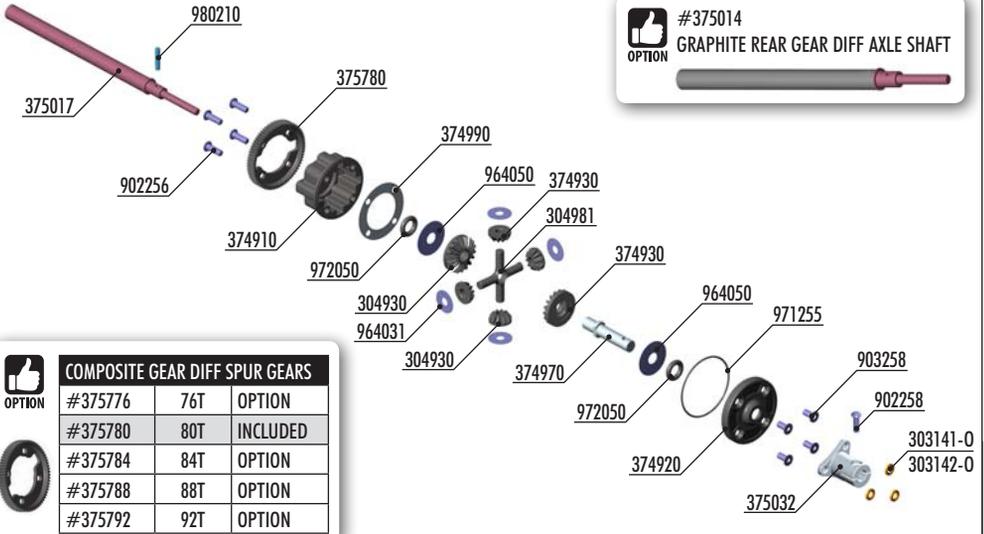


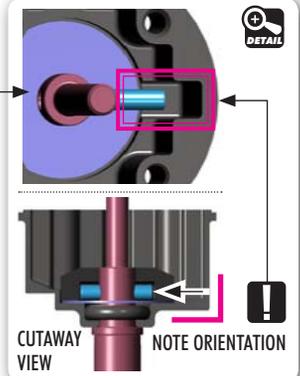
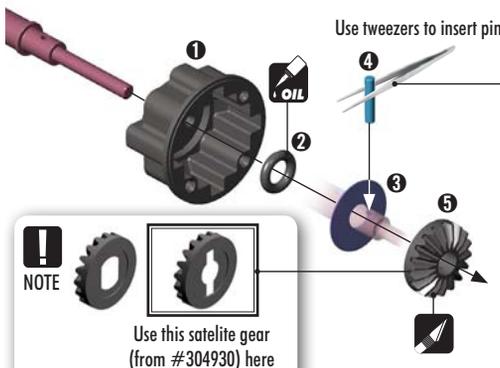
## #374900 XRAY Gear Differential 1/12 Pan Cars - Set



**#375014**  
**GRAPHITE REAR GEAR DIFF AXLE SHAFT**

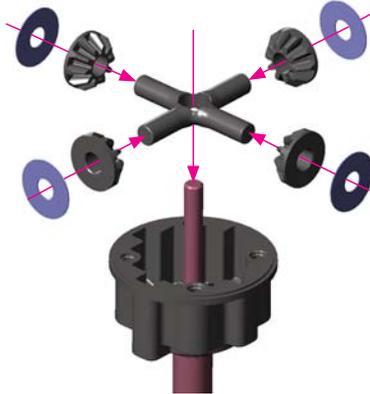
COMPOSITE GEAR DIFF SPUR GEARS		
<b>#375776</b>	76T	OPTION
<b>#375780</b>	80T	INCLUDED
<b>#375784</b>	84T	OPTION
<b>#375788</b>	88T	OPTION
<b>#375792</b>	92T	OPTION

- |           |   |         |  |
|-----------|---|---------|--|
| 30 3141-0 | ALU SHIM 3x5x1.0MM - ORANGE (10)                  | 37 5032 | X12 ALU GEAR DIFF REAR WHEEL HUB - SWISS 7075 T6 |
| 30 3142-0 | ALU SHIM 3x5x0.5MM - ORANGE (10)                  | 37 5780 | COMPOSITE GEAR DIFF SPUR GEAR - 80T / 64P        |
| 30 4930   | COMPOSITE GEAR DIFF BEVEL & SATELLITE GEARS (2+4) | 90 2256 | HEX SCREW SH M2.5x6 (10)                         |
| 30 4981   | COMPOSITE GEAR DIFF CROSS PIN WITH HOLE           | 90 2258 | HEX SCREW SH M2.5x8 (10)                         |
| 37 4900   | XRAY GEAR DIFFERENTIAL 1/12 PAN CARS - SET        | 90 3258 | HEX SCREW SFH M2.5x8 (10)                        |
| 37 4910   | COMPOSITE GEAR DIFFERENTIAL CASE - GRAPHITE       | 96 4031 | WASHER S 3.5x10x0.2 (10)                         |
| 37 4920   | COMPOSITE GEAR DIFFERENTIAL COVER - GRAPHITE      | 96 4050 | WASHER S 5x15x0.3 (10)                           |
| 37 4930   | COMPOSITE GEAR DIFF BEVEL & SATELLITE GEARS (2+4) | 97 1255 | SILICONE O-RING 25.5x0.7 (10)                    |
| 37 4970   | ALU GEAR DIFF SHAFT - SWISS 7075 T6               | 97 2050 | SILICONE O-RING 5x2 (10)                         |
| 37 4990   | DIFF GASKET (4)                                   | 98 0210 | PIN 2x9.8 (10)                                   |
| 37 5017   | REAR GEAR DIFF AXLE SHAFT - HUDY SPRING STEEL™    |         |  |





964031  
S 3.5x10x0.2

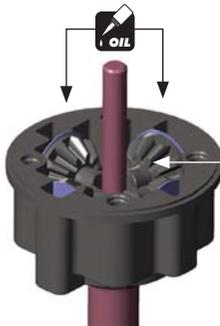


- It is important that the diff cross enters the differential case freely.
- If not, use the hobby knife to remove the remaining material.

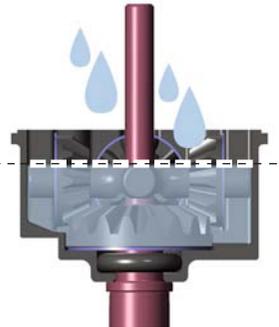


Silicone oil

Fill just above the cross-pins.



Fill differential up to the top of the diff cross-pins. DO NOT fill the diff to the top of the housing.



**TIP**

HUDY Premium Silicone Oil

LOW TRACTION	
500 cSt	#106350
550 cSt	#106355
600 cSt	#106360
650 cSt	#106365
700 cSt	#106370
750 cSt	#106375
800 cSt	#106380
900 cSt	#106390
1000 cSt	#106410

MEDIUM-HIGH TRACTION	
2000 cSt	#106420
3000 cSt	#106430
4000 cSt	#106440
5000 cSt	#106450

SUPER-HIGH TRACTION	
6000 cSt	#106460
7000 cSt	#106470
8000 cSt	#106480
10000 cSt	#106510

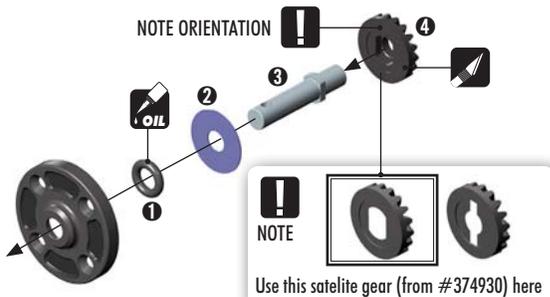
**NOTE:** Softer oil increases steering and traction, harder oil increases stability and cornering speed of the car.



964050  
5.5x15x0.3



972050  
0.5x2



NOTE ORIENTATION

NOTE

Use this satellite gear (from #374930) here



CUTAWAY VIEW



971255  
0.25x0.7



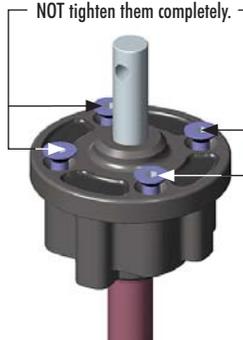
After disassembling the gear diff the large O-ring may have an increased size and may be more difficult to re-install. We recommend either inserting the old O-ring carefully in the diff cover, or replacing the old O-ring with a new O-ring if the old one cannot be made to fit properly.



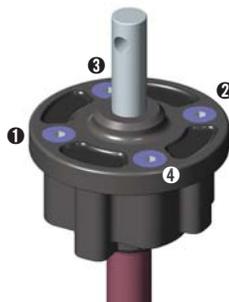
903258  
SFH M2.5x8



Tighten the screws equally but do NOT tighten them completely.

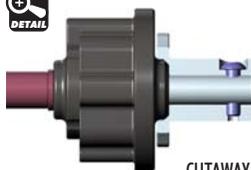


Finish tightening in this order.





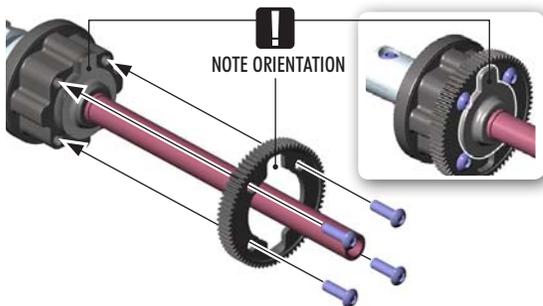
902258  
SH M2.5x8



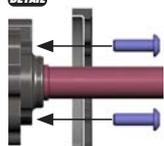
CUTAWAY VIEW



902256  
SH M2.5x6



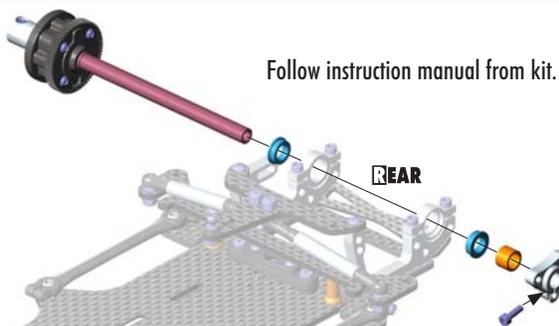
CUTAWAY VIEW



NOTE ORIENTATION



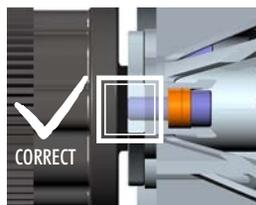
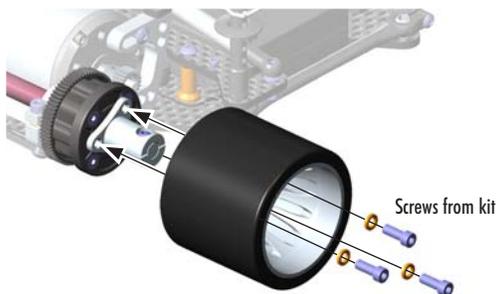
908258  
SCH M2.5x8



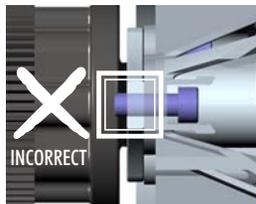
303142-0  
SHIM 3x5x0.5



303141-0  
SHIM 3x5x1



CUTAWAY VIEW



It is very important that the wheel screws do not extend through the alu gear diff rear wheel hub.

Depending on the wheel brand, use the aluminum shims:

3x5x0.5 (#303142-0), and

3x5x1.0 (#303141-0)