

ICON²


Designed and developed by our engineering and race team, this gear differential offers several great improvements over the ball differential design.

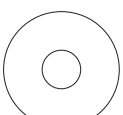
- Consistent and easy setting with less frequent maintenance, with very little change from race to race.
- Improved handling ability with more stable cornering entry, and improved mid and particularly exit rotation.
- Fully ball raced for high precision, performance and lower maintenance.
- Steel axle for strength and reliability.
- 60T 48dp spur included.
- The oil viscosity can be adjusted, to offer greater tunability than the ball differential. (700cSt-2000cSt) suited to low grip conditions. (1000cSt supplied as standard) (2000cSt-5000cSt) suited to medium grip conditions. (5000cSt-15000cSt) suited to high grip conditions.
- The ball differential may still be used when the track grip is low, but in other conditions this gear differential should always offer more potential.


Ball Diff - Easiest to drive - best for low grip tracks.
 Gear Diff - Easy to drive - best for medium grip tracks.


- U8353 Optional carbon axle available for ultimate performance, 8g lighter.

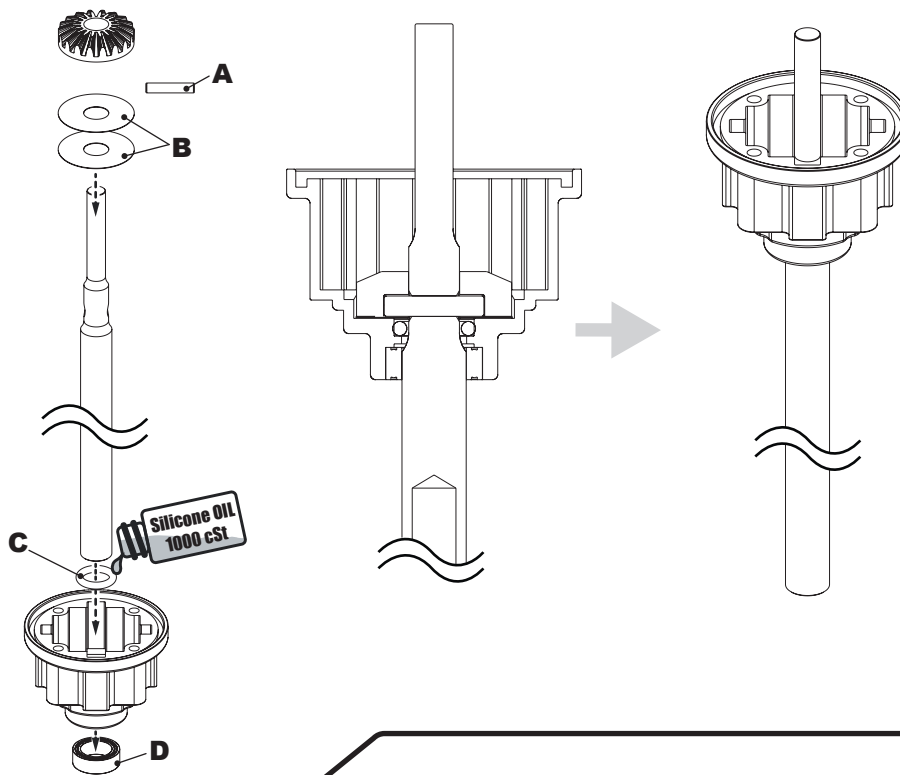
Bag A

A x1  $\varnothing 2.0 \times 9.8\text{mm}$ Pin

B x2  Diff Gear Shim

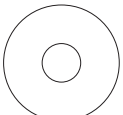
C x1  'O' Ring 5mm


D x1  $\varnothing 1/4" \times \varnothing 3/8"$ Bearing




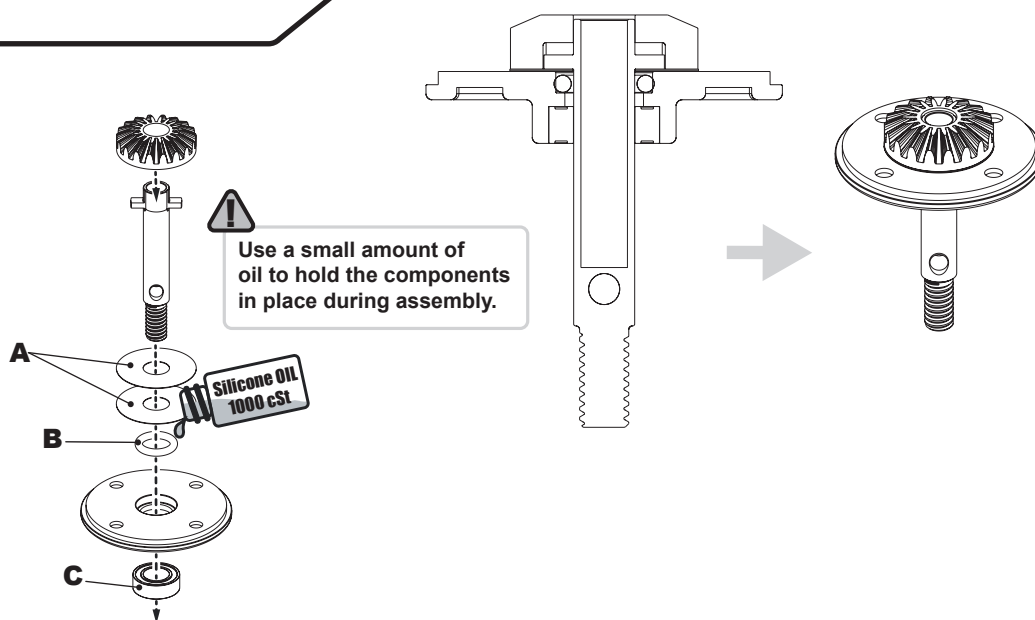
 Use a small amount of oil to hold the components in place during assembly.


Bag B

A x2  Diff Gear Shim

B x1  'O' Ring 5mm

C x1  5 x 9 x 3 Bearing



 Use a small amount of oil to hold the components in place during assembly.

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Bag C

A x4

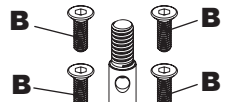
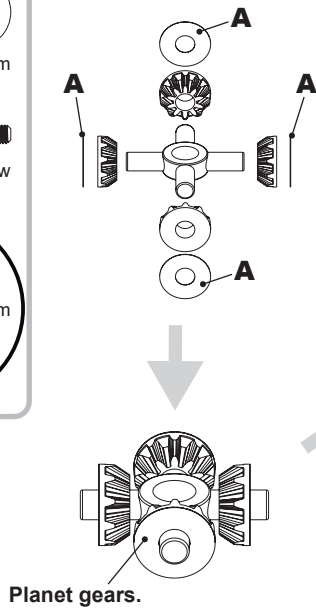
Bevel Gear Shim

B x4

M2.5x 8 Csk Screw

C x1

'O' Ring 25mm



⚠ Line up screw with the hole before tightening.

Silicone OIL
1000 cst

⚠ Use 1.5g of oil or fill until the top of planet gears are covered. Do not overfill.

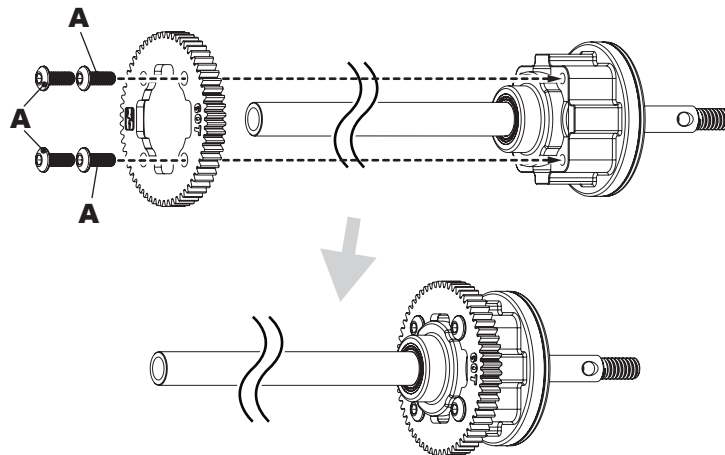
Bag D

A x4

M2.5x 6 Button Hd Screw

Optional spur gears are available:

- U8341 - 60T 48DP (included)
- U8355 - 88T 64DP
- U8356 - 80T 64DP
- U8357 - 64T 48DP



Bag E

A x1

M2.5x 8 Button Hd Screw

B x1

Thin Pin Drive Washer

