



DATE: 2023-11-29

MODEL: SR3

GDU UPGRADE KIT – TQ0731

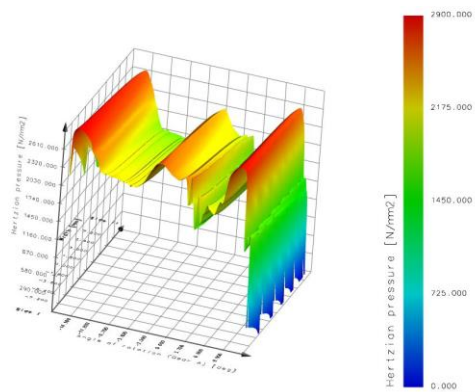
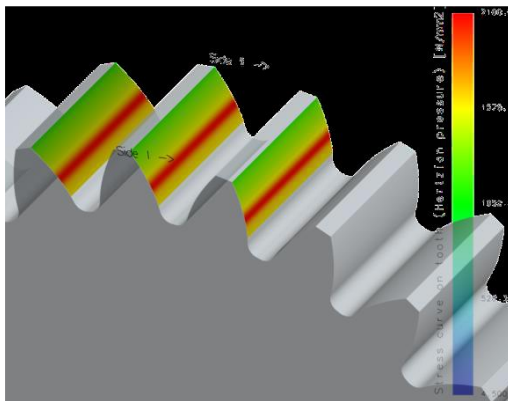
PRIORITY –

LOW (INFORMATION)

To improve longevity and reduce component wear Radical has introduced an upgraded version of the SR3 Gear Drive Unit. This improved GDU has multiple design changes to extend the service interval of the unit. An in-depth study was undertaken on the previous unit to identify key areas for improvement. The upgraded design is also available to retrofit to existing GDUs.

Key benefits:

- 18% wider drive gears
- reduced tooth flank contact and tooth root bending stress
- redesigned macro and micro gear geometry to reduce engagement stresses

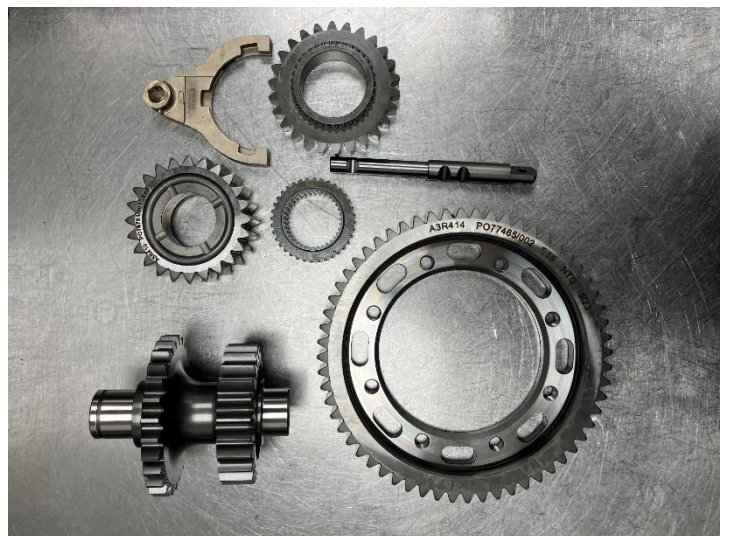


Stock code for new GDU: **TQ0732**

Stock code for GDU upgrade kit: **TQ0731**

Kit contents:

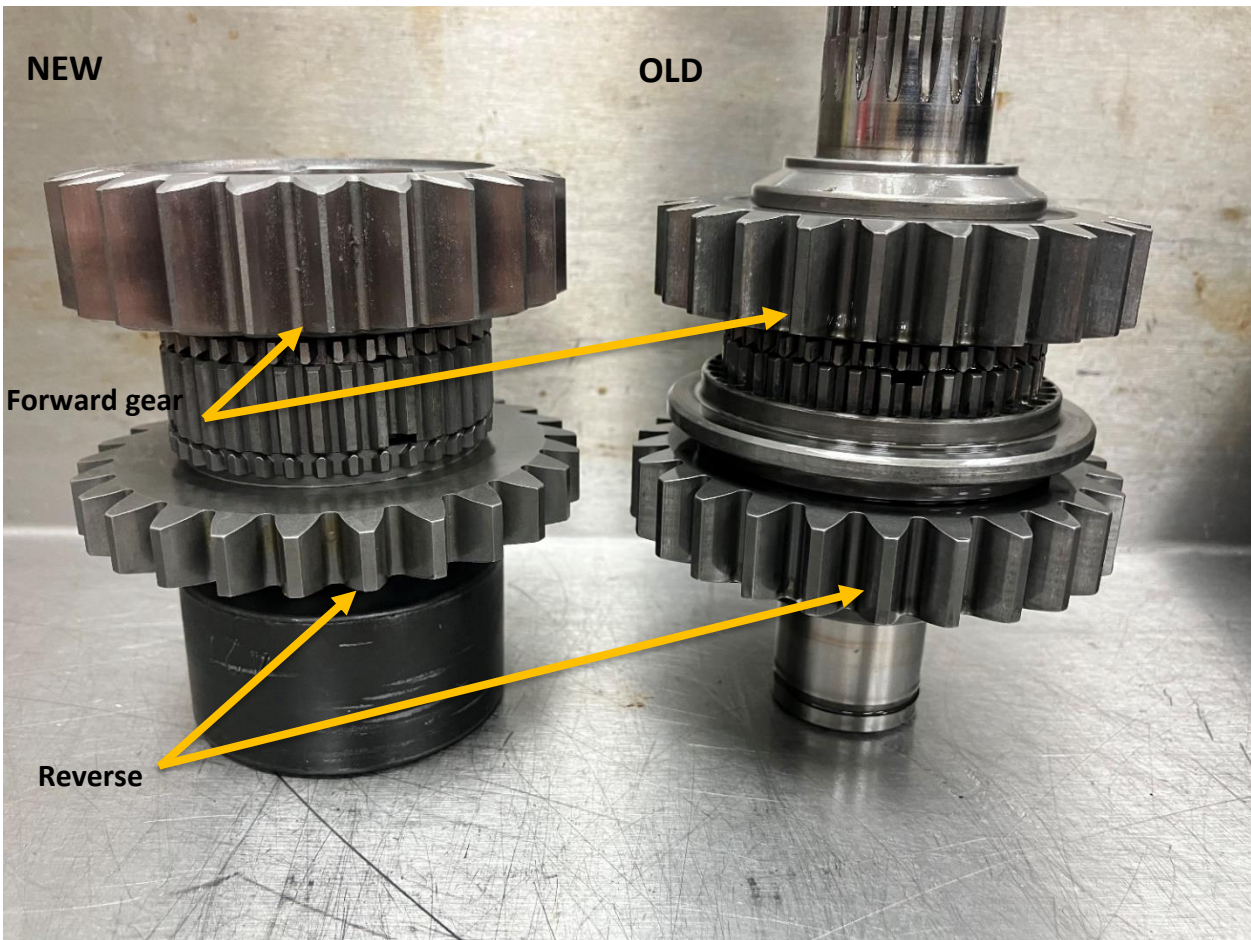
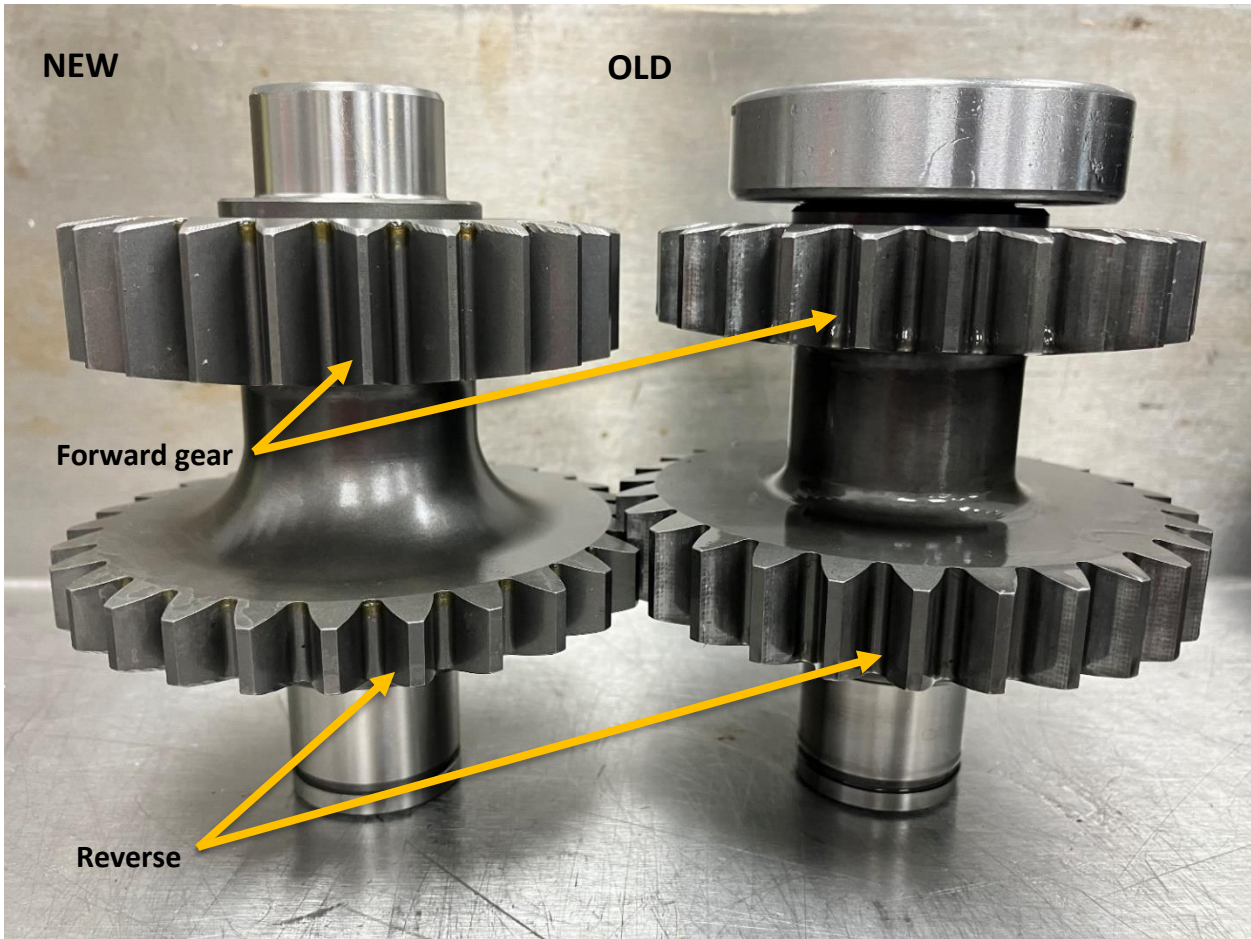
Component	Stock code	Replaces
Upgraded GDU forward gear	TQ0724	TQ0014
Upgraded GDU crownwheel gear	TQ0725	TQ0002
2023 GDU drive hub (thin) reverse	TQ0726	TQ0123
2023 GDU reverse gear	TQ0727	TQ0115
2023 GDU selector fork	TQ0728	TQ0054
2023 GDU selector rod	TQ0729	TQ0119
2023 GDU idler shaft	TQ0730	TQ0117



When fitting TQ0731 rebuild kit, all provided parts must be fitted as they are not backwards compatible with the old internals. Customers are advised to upgrade their GDU at the point of a normal GDU rebuild.

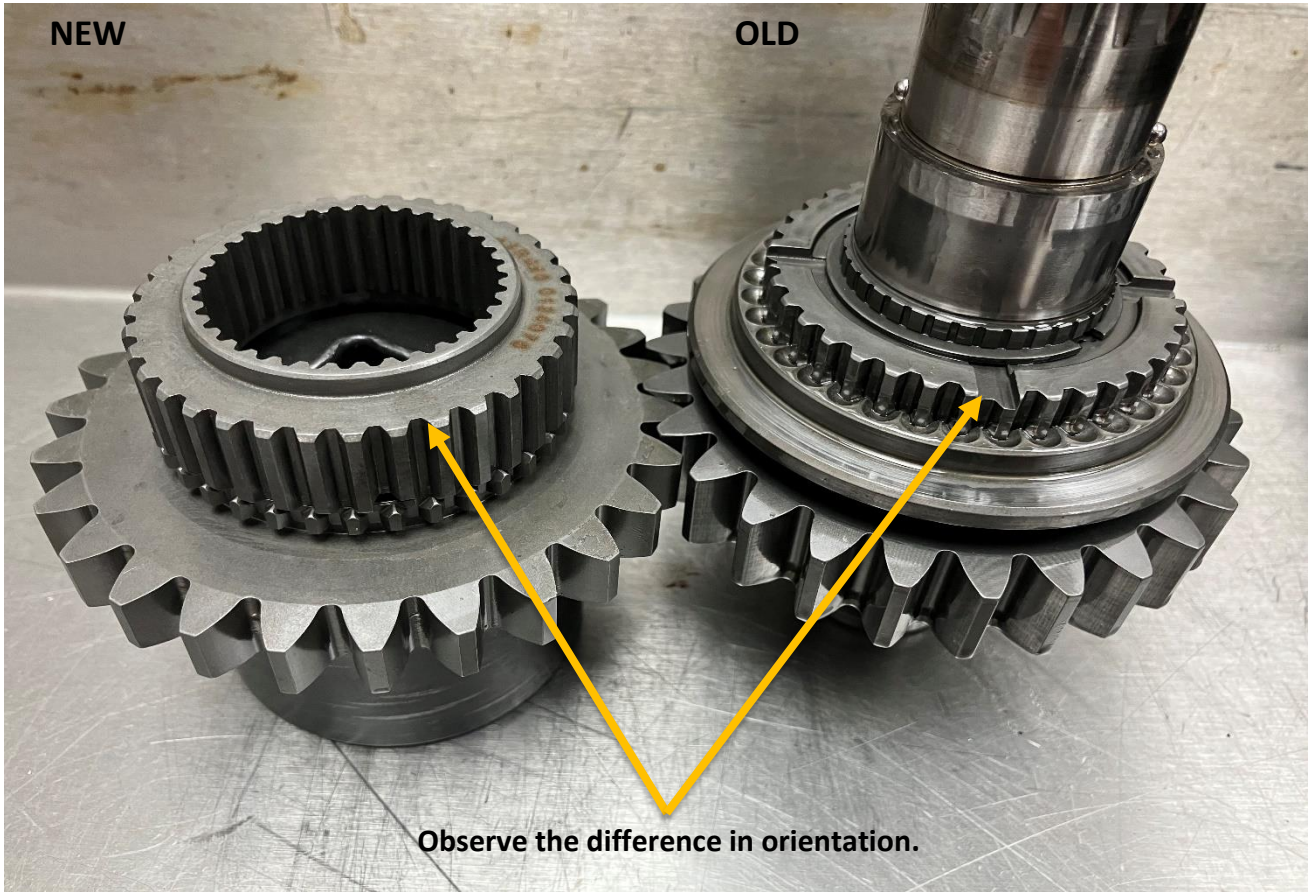
For parts supply please contact: spares@radicalmotorsport.com

For any further questions contact technical@radicalmotorsport.com

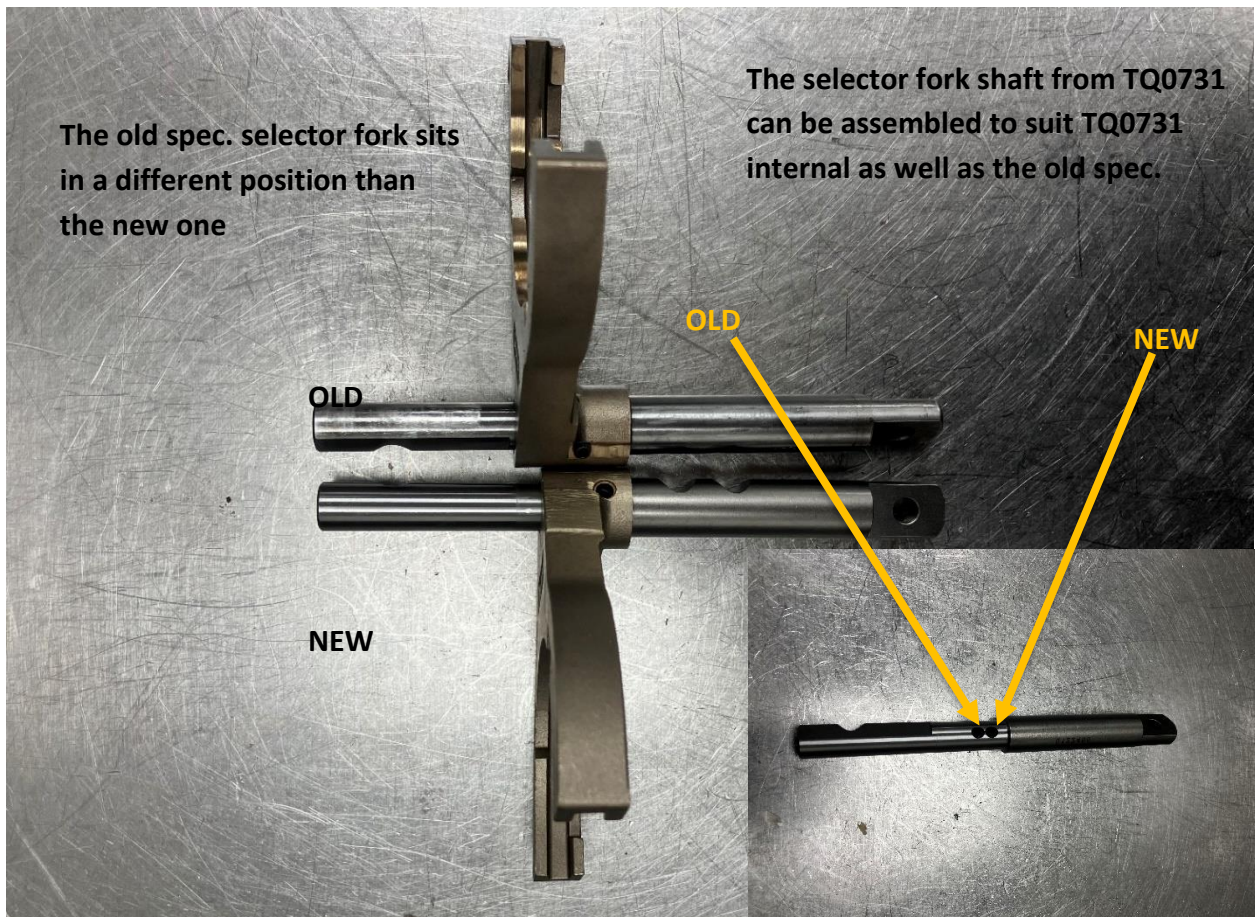


For parts supply please contact: spares@radicalmotorsport.com

For any further questions contact technical@radicalmotorsport.com



The only difference between assembling the old rebuild kit and new rebuild kit is the orientation of the dog ring guide.



For parts supply please contact: spares@radicalmotorsport.com

For any further questions contact technical@radicalmotorsport.com