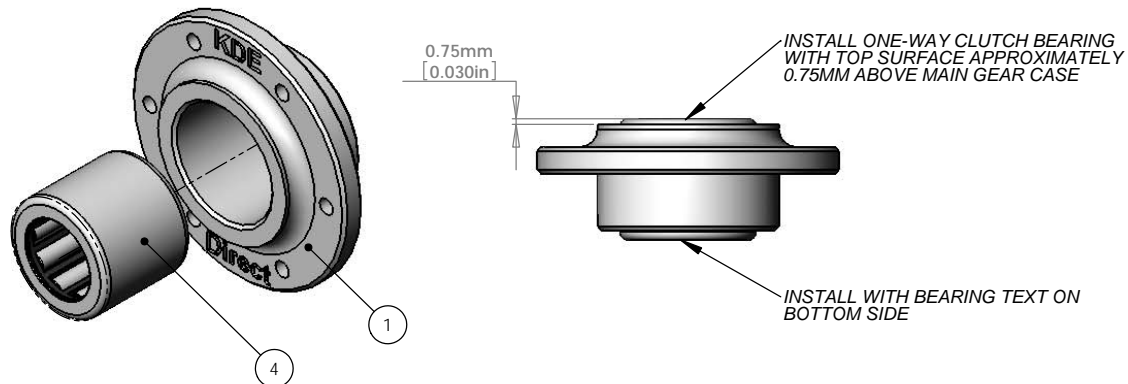


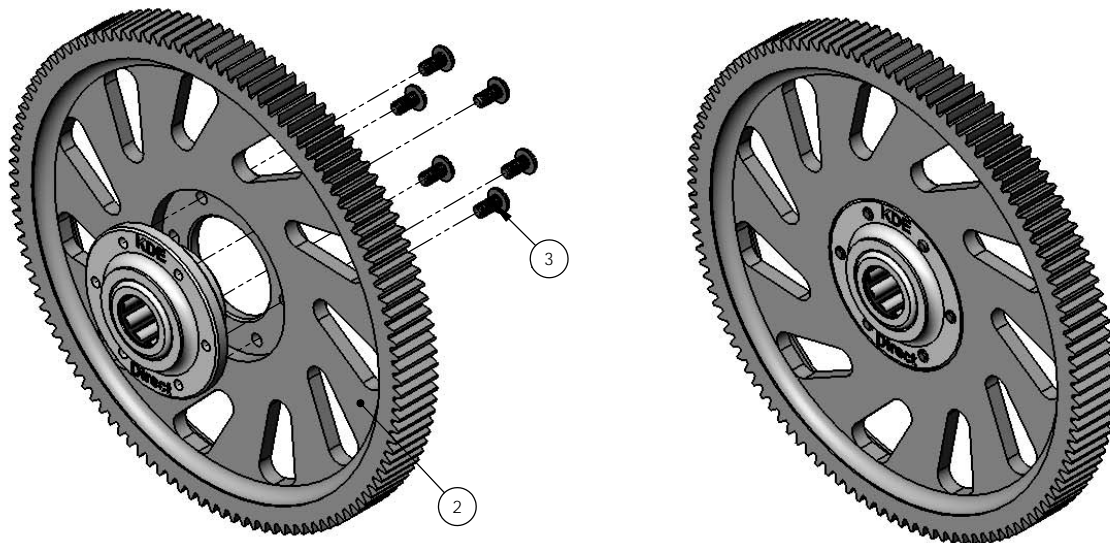
# TREX550/600 MAIN GEAR CASE UPGRADE AT550/600-MGC (AL 6061-T6)

## STEP 1: ONE-WAY CLUTCH BEARING INSTALLATION



## OPTIONAL

## STEP 2: KDE DIRECT TREX 700 SERIES MAIN DRIVE GEAR INSTALLATION



ITEM NO.	DESCRIPTION	QTY.
1	TREX 550/600 SERIES T700 MAIN GEAR CASE	1
2	KDE DIRECT TREX 700 SERIES NYLATRON MAIN DRIVE GEAR (PURCHASE SEPARATELY)	1
3	M3 x 0.5 x 6MM BUTTON HEAD SOCKET HEAD CAP SCREW	6
4	KDE DIRECT TREX 550/600/600N SERIES HIGH-PERFORMANCE ONE-WAY DRAWN CUP CLUTCH BEARING, HF1216	1

**NOTE:** THE MAIN GEAR CASE HAS BEEN DESIGNED FOR AN OPTIMAL PRESS-FIT BETWEEN THE INNER BORE AND THE ONE-WAY ROLLER CLUTCH BEARING TO AID IN EASE OF ASSEMBLY.

TO PREVENT SLIPPAGE DURING FLIGHT, APPLY RED OR GREEN LOCTITE (262, 271, 290, OR 640) TO THE INNER BORE OF THE MAIN GEAR CASE BEFORE ASSEMBLY (DO NOT ALLOW ANY LOCTITE TO ENTER THE BEARING CLUTCH). ONCE PROPERLY INSTALLED (SEE DIAGRAM FOR LOCATIONAL INFORMATION), WIPE AWAY ANY EXCESS LOCTITE AND ALLOW THE ASSEMBLY TO CURE FOR 1 HOUR BEFORE FLIGHT.

**OPTIONAL INSTALL:** THE MAIN GEAR CASE CAN BE USED WITH THE **KDE DIRECT TREX 550/600/600N SERIES HIGH-PERFORMANCE ONE-WAY DRAWN CUP CLUTCH BEARING** AND **TREX 700 SERIES MAIN DRIVE GEARS** FOR UNPRECEDENTED STRENGTH CAPABILITY FOR HIGH-POWER, HIGH-VOLTAGE TREX 550/600 SETUPS (APPROPRIATE MOD1.0 PINION SOLD SEPARATELY). TIGHT TOLERANCES BETWEEN THE MAIN DRIVE GEAR AND MAIN GEAR CASE ARE USED TO MAINTAIN PERFECT CONCENTRICITY WITH THE GEAR.

**IMPORTANT NOTICE:** THE AT550/600-MGC UPGRADE IS COMPATIBLE WITH THE FOLLOWING STOCK ALIGN COMPONENTS:

**MOD0.7 TAIL GEARING**  
**BEARING SHAFT:** H60139, TREX600 ONE-WAY BEARING SHAFT  
**AUTOROTATION GEAR:** H60020, TREX600 M0.7 AUTOROTATION TAIL DRIVE GEAR  
**TORQUE TUBE GEAR:** H60121, TREX600 M0.7 TORQUE TUBE FRONT DRIVE GEAR SET  
**BELT DRIVE GEAR:** H60078, TREX600 M0.7 METAL TAIL DRIVE GEAR ASSEMBLY



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