

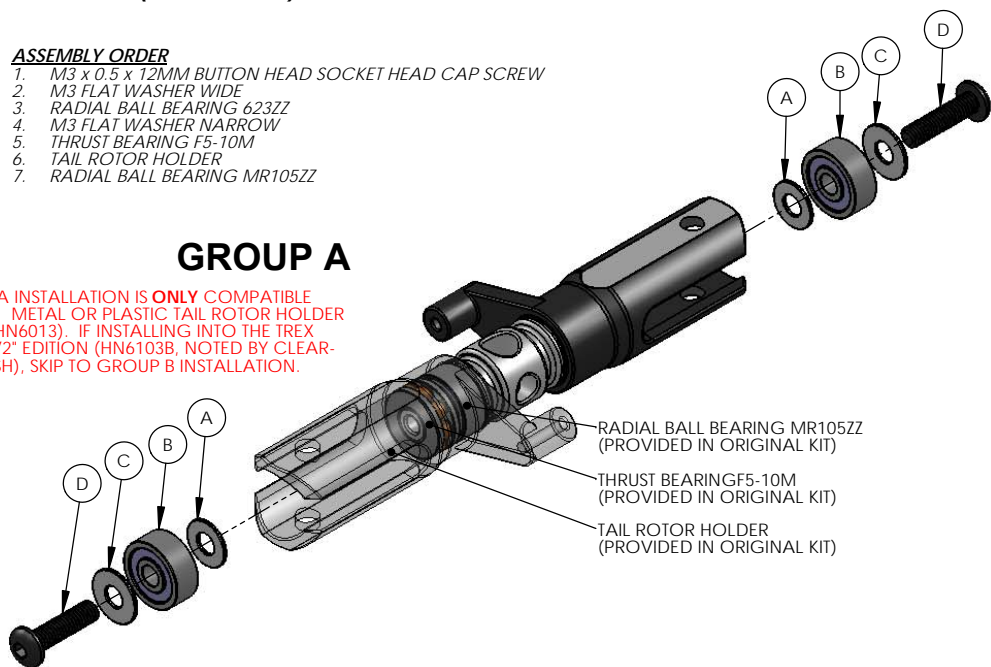
# TREX550/600/700 SERIES PERFORMANCE TAIL UPGRADE V2 AT550/600/700-PTU-V2 (AL 6061-T6)

## ASSEMBLY ORDER

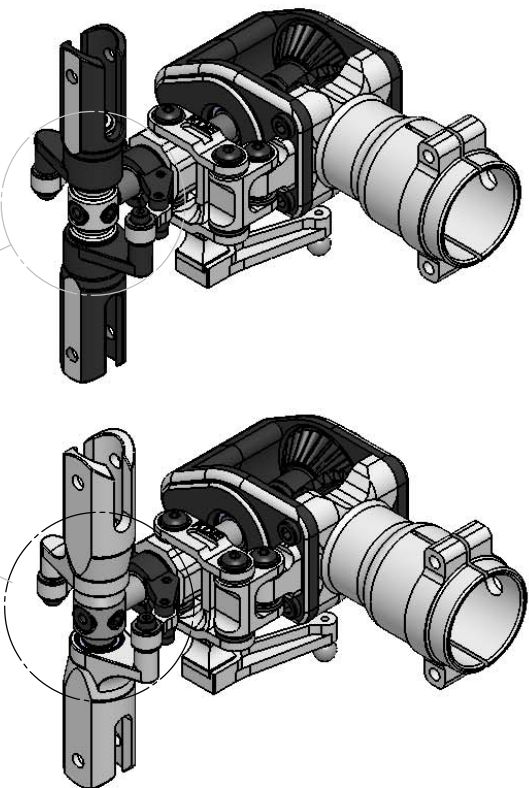
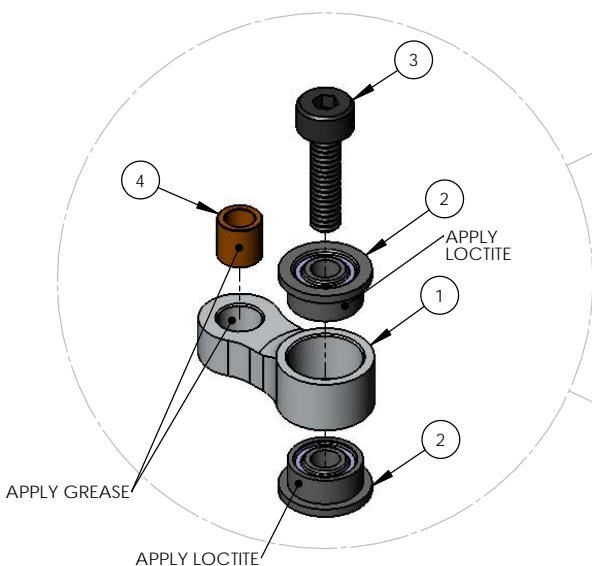
1. M3 x 0.5 x 12MM BUTTON HEAD SOCKET HEAD CAP SCREW
2. M3 FLAT WASHER WIDE
3. RADIAL BALL BEARING 623ZZ
4. M3 FLAT WASHER NARROW
5. THRUST BEARING F5-10M
6. TAIL ROTOR HOLDER
7. RADIAL BALL BEARING MR105ZZ

## GROUP A

**NOTE:** GROUP A INSTALLATION IS ONLY COMPATIBLE WITH THE ALIGN METAL OR PLASTIC TAIL ROTOR HOLDER "V1" EDITIONS (HN6013). IF INSTALLING INTO THE TREX 700E DFC OR "V2" EDITION (HN6103B, NOTED BY CLEAR-ANODIZED FINISH), SKIP TO GROUP B INSTALLATION.



## GROUP B



## GROUP A

ITEM NO.	DESCRIPTION	QTY.
A	M3 FLAT WASHER ZP STEEL	2
B	623ZZ RADIAL BALL BEARING	2
C	M3 FLAT WASHER WIDE (PROVIDED IN ORIGINAL KIT)	2
D	M3 x 0.5 x 12MM BUTTON HEAD SOCKET HEAD CAP SCREW	2

**NOTE:** THE PERFORMANCE TAIL UPGRADE IS A DIRECT RETROFIT FOR THE STOCK ALIGN TAIL ROTOR HOLDER ASSEMBLY (PLASTIC OR METAL VERSIONS). THE UPGRADE CONVERTS THE TAIL ASSEMBLY TO A DUAL RADIAL BALL BEARING, FULLY-SUPPORTED THRUST BEARING SETUP IDEAL FOR ALL FLIGHT CONDITIONS.

### TO INSTALL THE UPGRADE:

1. REMOVE THE STOCK M3 x 0.5 x 8MM SOCKET HEAD CAP SCREW FROM BOTH SIDE OF THE ALIGN TAIL ROTOR HOLDER. KEEP THE ORIGINAL M3 FLAT WASHERS WIDE (C), WHICH WILL BE REUSED AT STEP #3. DO NOT REMOVE THE ORIGINAL RADIAL BALL BEARING AND THRUST BEARING (SEE FIGURE FOR REFERENCE).
2. INSERT THE M3 FLAT WASHER NARROW (A), FOLLOWED BY THE RADIAL BALL BEARING 623ZZ (B), AND THEN THE M3 FLAT WASHER WIDE (C) ORIGINALLY INCLUDED WITH THE ASSEMBLY.
3. TIGHTEN DOWN THE ENTIRE ASSEMBLY USING THE TWO M3 x 0.5 x 12MM BUTTON HEAD SOCKET HEAD CAP SCREWS.

## GROUP B

ITEM NO.	DESCRIPTION	QTY.
1	KDE DIRECT TREX 550/600/700 SERIES TAIL CONTROL LINK UPGRADE V2	2
2	MF52ZZ FLANGED RADIAL BALL BEARING	4
3	M2 x 0.4 x 8MM SOCKET HEAD CAP SCREW	2
4	SAE 660 BRONZE BUSHING 2 x 3 x 3MM	2

**NOTE:** THE PERFORMANCE TAIL UPGRADE IS A DIRECT RETROFIT FOR THE STOCK ALIGN TAIL CONTROL ASSEMBLY.

WHEN INSTALLING THE FLANGED BALL BEARINGS (3) TO THE TREX 550/600/700 SERIES TAIL CONTROL LINK UPGRADE V2 (1), IT IS RECOMMENDED TO APPLY LOCTITE 242 OR SIMILAR TO THE OUTER HOUSING OF THE BALL BEARING. THIS WILL PREVENT THE BEARING FROM SPINNING IN THE HOUSING AND PROVIDE A SOLID, SLOP-FREE TAIL CONTROL ASSEMBLY.

IT IS ALSO RECOMMENDED TO APPLY GREASE BETWEEN THE BRONZE SLEEVE BUSHING (2) AND THE BORE OF THE TREX 550/600/700 SERIES TAIL CONTROL LINK UPGRADE V2 (1) TO PROVIDE SMOOTH, BIND-FREE OPERATION.

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