# TREX700 FLYBARLESS SYSTEM MOUNT UPGRADE
## AT700-FSM (AL 6061-T6, ABS)

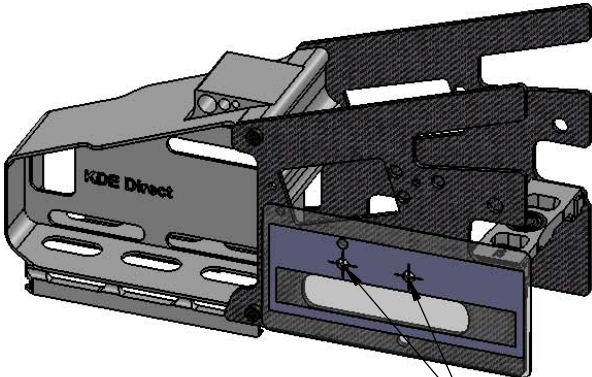| ITEM NO. | DESCRIPTION | QTY. |
|---|---|---|
| 1 | M2.5 x 0.45 x 6MM FLAT HEAD SOCKET HEAD CAP SCREWS (CLASS 12.9) | 4 |
| 2 | KDE DIRECT TREX 700/800 SERIES FLYBARLESS SYSTEM MOUNT ABS MOUNTING PLATE | 1 |
| 3 | KDE DIRECT TREX 700/800 SERIES FLYBARLESS SYSTEM MOUNT ALUMINUM BASE FRAME | 1 |
| 4 | M3 x 0.5 x 8MM SOCKET HEAD CAP SCREWS (CLASS 12.9) | 4 |
| 5 | M3 C-WASHERS, 4.5MM (AL 6061-T6) | 4 |

## STEP 1

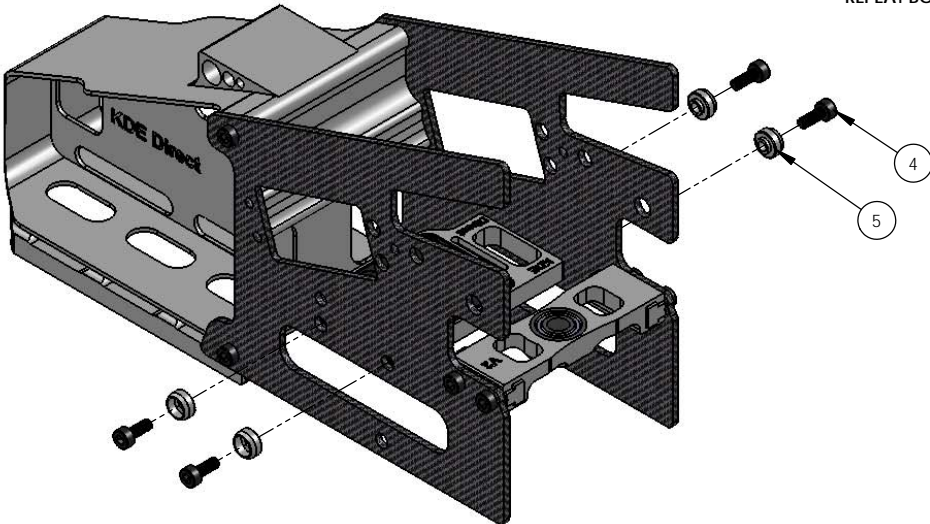**ASSEMBLE FLYBARLESS SYSTEM MOUNT UPGRADE ASSEMBLY**
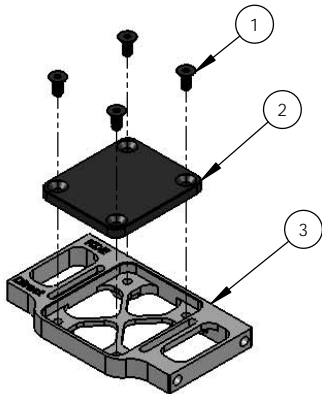


## STEP 2

**DRILL CARBON FRAMES FOR ACCURATE INSTALLATION**
**- ONLY REQUIRED FOR TREX 700E V1/V2 AND 800 DFC FRAME SET**
**- NO MODIFICATION NEEDED FOR TREX 700E DFC FRAME SET**



ATTACH ADHESIVE DRILLING TEMPLATE TO CARBON FRAMES (RIGHT AND LEFT SIDE INCLUDED) AND DRILL AT DUAL CROSSHAIR LOCATIONS TO 4.5MM.
**REPEAT BOTH SIDES.**

*NOTE:* THE TREX 700/800 SERIES FLYBARLESS SYSTEM MOUNT PROVIDES THE IDEAL LOCATION FOR THE FLYBARLESS SYSTEM ELECTRONICS, WITH A LOCATION PROTECTED INTERNAL TO THE CARBON FRAMES AND CENTRALLY-ALIGNED TO THE HELICOPTER FOR OPTIMUM CONTROL. THE DESIGN USES AN ANTI-VIBRATION, ABS MOUNTING SURFACE FOR THE FLYBARLESS SYSTEM; SUPPORTED BY A LIGHTWEIGHT ALUMINUM 6061-T6 FRAME FOR ULTIMATE STRENGTH AND FLYBARLESS OPTIMIZATION.

*STEP 1:* ASSEMBLE THE FLYBARLESS SYSTEM MOUNT, USING THE INCLUDED FLAT HEAD SOCKET HEAD CAP SCREWS. MAKE SURE TO APPLY MEDIUM-STRENGTH LOCTITE (BLUE 243 OR EQUIVALENT) TO THE THREADS DURING INSTALLATION AND TIGHTEN FLUSH TO THE ABS MOUNTING PLATE.

*FOR THE TREX 700E DFC HELICOPTER VERSION, STEP 2 IS NOT REQUIRED AND SKIP TO STEP 3 FOR FINAL INSTALLATION. HOLES ARE PRE-EXISTING IN THE 700E DFC FRAMES AND NO DRILLING/MODIFICATION IS REQUIRED.*

*STEP 2:* CLEAR ADHESIVE DRILLING TEMPLATES ARE PROVIDED FOR THE TREX 700E V1/V2 AND 800 DFC CARBON FRAME SETS. ATTACH THE ADHESIVE DRILLING TEMPLATE (RIGHT AND LEFT SIDES PROVIDED) TO THE CARBON FRAMES, USING THE GEOMETRY AS A REFERENCE TO PROPERLY ALIGN THE CROSSHAIRS TO THE FRAMES. DRILL AT THE CROSSHAIR CENTERPOINT LOCATIONS TO 4.5MM AND REPEAT BOTH SIDES.

*STEP 3:* INSTALL THE FLYBARLESS SYSTEM MOUNT INTO THE FRAMES, USING THE INCLUDED SOCKET HEAD CAP SCREWS AND M3 C-WASHERS. APPLY MEDIUM-STRENGTH LOCTITE (BLUE 243 OR EQUIVALENT) TO THE THREADS DURING INSTALLATION AND HAND TIGHTEN SNUG TO THE FRAMES.

## STEP 3

**INSTALL FLYBARLESS SYSTEM MOUNT UPGRADE ASSEMBLY**





**KDE**Direct
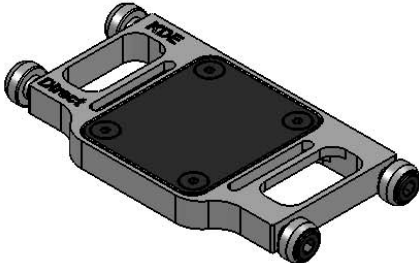
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