

# Flybarless Rotor Head Conversion KIT

Applicability: mini Titan series (#4710, 4711, 4712, 4713, 3870-F06, 3876-F06)

No.3924

## 無平衡翼旋翼頭改裝套件

## INSTRUCTION MANUAL

### Introduction 簡介

We are proud to introduce you that the mini Titan series has now evolved into a flybarless design! The factory flybarless rotor head earns thumbs-up from Thunder Tiger Team International pilots, featuring highly reliable structure as well as great compatibility with most popular 3-axis gyros; the flybarless rotor head set provides absolute outstanding performance with your mini Titan. The crisp pitch response also enhances the helicopter's aggressive flying ability beyond your imagination!

很榮幸向您介紹雷虎科技mini Titan系列正式踏入無平衡翼直昇機的世界!經由世界級知名飛行員嚴格驗證的無平衡翼旋翼頭具備了絕佳的結構強度,並可適用於市場主流之無平衡翼控制系統;本套件可使您的mini Titan發揮更好的性能,快速直接的螺距反應使飛行特性完全打破您以往的想像!

### Features 特點

1. Newly designed flybarless rotor hub and assembled 2-piece main grip for easy maintenance
2. Enlarged pitch control linkage rod for rigidity (1.3 mm)
3. Applicable to whole series of mini Titan

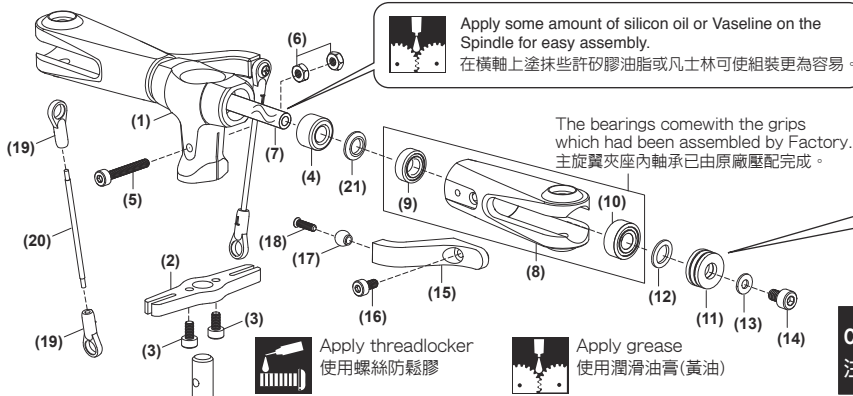
1. 全新設計無平衡翼旋翼頭固定座及2片式主旋翼轉座,方便維修
2. 加粗螺距控制連桿(1.3mm)
3. 適用於mini Titan全系列直昇機

### Spare Parts 零件包

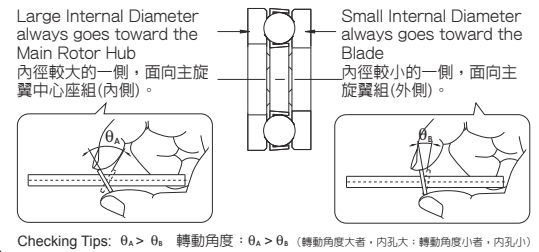


### Assembly 組裝說明

Secure all screws shown (except #5) on this page with a drop of threadlocker.  
組裝圖上顯示之螺絲(#5除外)請使用適量防鬆膠鎖固。



### Diagram for Thrust Bearing Assembly 止推軸承安裝示意圖



### CAUTION 注意事項

Preflight check both the mechanism settings and blade tracking is recommended, please refer your original instruction manual.  
飛行前,請翻閱您手上的直升機組裝說明書,務必再次確認機構設定及主旋翼軌跡是否正確。

### Spare Parts List 維修零件包表格

No.	Description	名稱	No.	Description	名稱	Qty	Index No.
PV1287	FL METAL MAIN ROTOR HUB	無平衡翼金屬主旋翼固定座	BK1927	METAL MAIN ROTOR HUB	金屬主旋翼固定座	1	1
			BK1930	LINKAGE ROD GUIDE BASE	拉桿挺座	1	2
			HMC2-6B	SOCKET SCREW, M2x6	內六角螺絲, M2x6	2	3
			BK1900	FLAP DAMPER	避震墊圈	2	4
			BK1086	SOCKET SCREW(S), M2x14	內六角半牙螺絲, M2x14	1	5
			HML2	NUT(M2)	M2螺帽	2	6
PV1288	FL METAL ROTOR GRIP	無平衡翼金屬主旋翼轉座	BK1928	METAL ROTOR GRIP	金屬主旋翼轉座	2	8
			HMV840ZZY	BALL BEARING, d4xD8xW3	滾珠軸承d4xD8x3	2	9
			HMV940ZZY	BALL BEARING, d4xD9xW4	滾珠軸承d4xD9x4	2	10
			HMX0409Y	THRUST BEARING, d4xD9xW4	止推軸承d4xD9x4	2	11
			BK1895	WASHER, d7xD9x1t	墊片, d7xD9x1t	2	12
PV1289	FL METAL ROTOR GRIP POST	無平衡翼金屬主旋翼轉座支柱	BK1929	METAL ROTOR GRIP POST	金屬主旋翼轉座支柱	2	15
			HMC2-4B	SOCKET SCREW, M2x4	內六角螺絲, M2x4	2	16
			BK1203	φ1.7xφ3.8	連接頭(φ3.8)	2	17
			HSP16-6N	M1.6x6	圓頭十字螺絲	2	18
			BK0922	φ3.8x12mm	單頭連接桿	8	19
			BK1291	LINKROD, M1.4x35	連接桿	4	20
PV0048	BALL BEARING, d4xD8xW3	軸承組, d4xD8xW3	HMV840ZZY	BALL BEARING, d4xD8xW3	滾珠軸承, d4xD8xW3	2	9
PV0707	FEATHERING SHAFT(2), E325	固定軸(2), E325	BK0906	FEATHERING SHAFT	主旋翼固定軸, E325	2	7
PV0771	BEARING, d4xD9xW4	滾珠軸承, d4xD9xW4	HMV940ZZY	BEARING, d4xD9xW4	滾珠軸承, d4xD9xW4	4	10
PV0783	SOCKET SCREW(20), M2.6x8	內六角螺絲, M2.6x8 (20)	HMC26-8B	SOCKET SCREW, M2.6x8	內六角螺絲, M2.6x8	20	14
PV0781	SCREW PACK	螺絲包	HMO26	WASHER	墊片	2	13
			BK1079	COLLAR, d4xD7	軸環, d4xD7	2	21
PV1291	LINKAGE ROD GUIDE BASE	拉桿挺座	BK1930	LINKAGE ROD GUIDE BASE	拉桿挺座	2	2