



## Twinn Rexx Parts - Base Kit

3/5/2009

| Group                   | Kit Qty | Part #   | Description  |
|-------------------------|---------|----------|--|
| Frame                   | 1       | TW-100-L | Front left main frame side plate                       |
| Frame                   | 1       | TW-100-R | Front right main frame side plate                      |
| Frame                   | 1       | TW-101-L | Rear left main frame side plate                        |
| Frame                   | 1       | TW-101-R | Rear right main frame side plate                       |
| Frame                   | 2       | TW-102   | Main frame shim plates                                 |
| Frame                   | 2       | TW-103   | Driveshaft support plates                              |
| Frame                   | 2       | TW-104   | Front Landing gear/Driveshaft mounting plates          |
| Frame                   | 4       | TW-105   | Landing gear locking plates                            |
| Frame                   | 1       | TW-106   | Main frame aluminum tube                               |
| Frame                   | 4       | TW-108   | Main shaft bearing blocks                              |
| Frame                   | 2       | TW-109   | Driveshaft bearing blocks w/M2x6 mounting screws       |
| Frame                   | 2       | TW-110   | Driveshaft support bearing block w/M2x6 mounting screw |
| Frame                   | 2       | TW-111   | Anti-rotation bracket w/screws (Align 1236 modified)   |
| Frame                   | 2       | TW-112   | Link set (Align 1119)                                  |
| Frame                   | 1       | TW-113   | Front P link kit                                       |
| Frame                   | 1       | TW-114   | Servo ball/screw set                                   |
| Frame                   | 1       | TW-115   | Rear E link kit  |
| Frame Hdw - front       | 4       | TW-200-1 | M2.5 x 20mm frame spacer                               |
| Frame Hdw - front       | 8       | TW-200-2 | M2.5 x 5 socket head screw                             |
| Frame Hdw - front       | 6       | TW-200-3 | M2 x 10 socket head screw - servo mounting             |
| Frame Hdw - front       | 6       | TW-200-4 | M2 locknut   |
| Frame Hdw - front       | 10      | TW-200-5 | M2.5 x 30 slotted screw                                |
| Frame Hdw - front       | 20      | TW-200-6 | M2.5 SS washer   |
| Frame Hdw - front       | 7       | TW-200-7 | M2.5 locknut   |
| Frame Hdw - front       | 3       | TW-200-8 | M2.5 nut   |
| Frame Hdw - front LG/DS | 2       | TW-201-1 | M2.5x1 Nylon washer                                    |
| Frame Hdw - front LG/DS | 1       | TW-201-2 | M2.5 x 20mm frame spacer                               |
| Frame Hdw - front LG/DS | 2       | TW-201-3 | M2.5 x 8 socket head screw                             |
| Frame Hdw - front LG/DS | 4       | TW-201-4 | M2.5 x 30 slotted screw                                |
| Frame Hdw - front LG/DS | 4       | TW-201-5 | M2.5 locknut   |
| Frame Hdw - front LG/DS | 6       | TW-201-6 | M2.5 SS washer   |
| Frame Hdw - rear DS     | 2       | TW-202-1 | M2.5x1 Nylon washer                                    |
| Frame Hdw - rear DS     | 4       | TW-202-2 | M2.5 x 30 slotted screw                                |
| Frame Hdw - rear DS     | 4       | TW-202-3 | M2.5 locknut   |
| Frame Hdw - rear DS     | 8       | TW-202-4 | M2.5 SS washer   |
| Frame Hdw - rear        | 6       | TW-203-1 | M2.5 x 20mm frame spacer                               |
| Frame Hdw - rear        | 8       | TW-203-2 | M2.5 x 5 socket head screw                             |
| Frame Hdw - rear        | 6       | TW-203-3 | M2 x 10 socket head screw - servo mounting             |
| Frame Hdw - rear        | 6       | TW-203-4 | M2 locknut   |
| Frame Hdw - rear        | 10      | TW-203-5 | M2.5 x 30 slotted screw                                |
| Frame Hdw - rear        | 20      | TW-203-6 | M2.5 SS washer   |
| Frame Hdw - rear        | 10      | TW-203-7 | M2.5 locknut   |
| Frame Hdw - rear        | 4       | TW-203-8 | M2.5 x 8 socket head screw                             |
| Drive                   | 1       | TW-300   | Hollow SS driveshaft w/support sleeves                 |
| Drive                   | 4       | TW-301   | Miter gears  |
| Drive                   | 4       | TW-302   | Miter gear aluminum sleeve                             |
| Drive                   | 1       | TW-303   | Rear main shaft (Align 1011)                           |
| Drive                   | 1       | TW-304   | Front main shaft                                       |
| Drive                   | 2       | TW-305   | Main shaft locking collar w/setscrews.                 |

|              |   |        |  |
|--------------|---|--------|--|
| Drive        | 1 | TW-306 | Main drive gear (Align 1218)                       |
| Drive        | 1 | TW-307 | Front main shaft ring (T-HB6003)                   |
| Drive        | 1 | TW-308 | Front one-way shaft (Align HZ026)                  |
| Drive        | 1 | TW-310 | Motor mount  |
| Drive        | 4 | TW-311 | M2x20 SH SS Miter gear mounting screw w/M2 locknut |
| Drive        | 1 | TW-312 | M2x10 SH Main gear mounting screw w/M2 locknut     |
| Drive        | 1 | TW-313 | Motor mounting screws w/washers - 3mm              |
| Drive        | 1 | TW-314 | Motor mount shim plates 0.031 thick (3 pcs)        |
| Landing Gear | 2 | TW-400 | LG cross beam                                      |
| Landing Gear | 4 | TW-401 | LG strut   |
| Landing Gear | 4 | TW-402 | LG strut mount                                     |
| Landing Gear | 4 | TW-403 | LG axel  |
| Landing Gear | 8 | TW-404 | LG 1" wheel  |
| Landing Gear | 8 | TW-405 | M2x16 SH strut mounting screw; M2 nut              |
| Landing Gear | 4 | TW-406 | M2x12 SS dowel pin                                 |
| Bearings     | 4 | TW-500 | Main shaft bearings - 5x11x5mm (T-HS1028)          |
| Bearings     | 1 | TW-501 | One-way bearing - HFO-612 (T-HS1229)               |
| Bearings     | 2 | TW-502 | Driveshaft block bearing - 5x10x4 flanged          |
| Bearings     | 2 | TW-503 | Driveshaft support bearing - 8x12x3.5 flanged      |
| Misc         | 1 | TW-802 | Fastener spares kit                                |
| Misc         | 1 | TW-803 | Flybar travel limit kit                            |

### Plastic Rotor Head Parts - Optional (not included in base kit)

|                      |   |            |   |
|----------------------|---|------------|---|
| Rotor Head - Plastic | 4 | TW-601     | Main grip bearings - 3x6x2.5mm (T-HS1030)             |
| Rotor Head - Plastic | 8 | TW-602     | Main grip bearings - 3x8x4mm (T-HS1029)               |
| Rotor Head - Plastic | 2 | TW-603     | Main rotor housing (Aign 1071)                        |
| Rotor Head - Plastic | 4 | TW-604     | Main rotor blade grips w/ball & screw (Aign 1140)     |
| Rotor Head - Plastic | 1 | TW-605-CW  | SF mixing lever set CW rotation (Aign 1072)           |
| Rotor Head - Plastic | 1 | TW-605-CCW | SF mixing lever set CCW rotation (Aign 1072 modified) |
| Rotor Head - Plastic | 2 | TW-606     | Swashplate (Align 1171)                               |
| Rotor Head - Plastic | 2 | TW-607     | Flybar control lever set (Aign 1073)                  |
| Rotor Head - Plastic | 2 | TW-608     | Flybar control set (Aign 1086)                        |
| Misc                 | 2 | TW-800     | Flybar paddles (Align 1166-00)                        |
| Misc                 | 4 | TW-801     | M3x16 SH screws w/locknuts for main blades            |
| Misc                 | 4 | TW-804     | Feathering screws (M2x5 SH)                           |
| Misc                 | 4 | TW-805     | Feathering washer                                     |
| Misc                 | 2 | TW-806     | Rotor head feathering shaft (Align 1003)              |
| Misc                 | 4 | TW-807     | Rotor head spacers                                    |
| Misc                 | 2 | TW-808     | Flybar (Align 1006)                                   |

### Metal Rotor Head Parts - Optional (not included in base kit)

|                    |   |        |  |
|--------------------|---|--------|--|
| Rotor Head - Metal | 2 | TW-700 | Metal main rotor housing (Align 1197) modified |
| Rotor Head - Metal | 2 | TW-701 | Metal main blade grips (Align 1065)            |
| Rotor Head - Metal | 2 | TW-702 | Metal control levers (Align 1215)              |
| Rotor Head - Metal | 2 | TW-703 | Metal seesaw holder (Align 1207)               |
| Rotor Head - Metal | 2 | TW-704 | Metal flybar frame (Align 1081)                |
| Rotor Head - Metal | 2 | TW-705 | Metal swashplate (Align 1111)                  |
| Rotor Head - Metal | 8 | TW-706 | Main grip bearings - 3x8x4mm (T-HS1029)        |
| Misc               | 2 | TW-800 | Flybar paddles (Align 1166-00)                 |
| Misc               | 4 | TW-801 | M3x16 SH screws w/locknuts for main blades     |
| Misc               | 4 | TW-804 | Feathering screws (M2x5 SH)                    |
| Misc               | 4 | TW-805 | Feathering washer                              |
| Misc               | 2 | TW-806 | Rotor head feathering shaft (Align 1003)       |
| Misc               | 4 | TW-807 | Rotor head spacers                             |
| Misc               | 2 | TW-808 | Flybar (Align 1006)                            |