



P and M Aviation Pvt. Ltd.

GTR WING PARTS CATALOGUE

DOC No: PAM-014

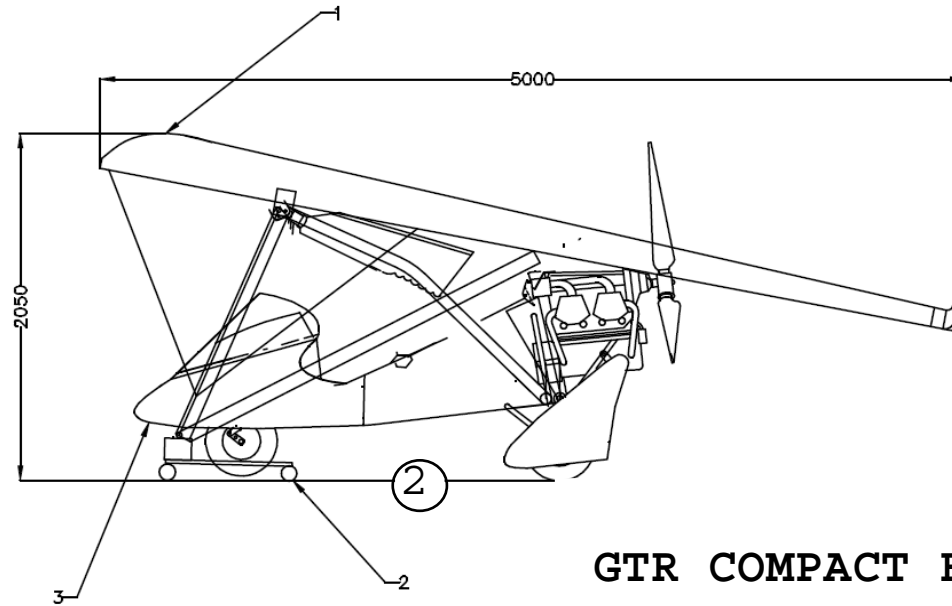
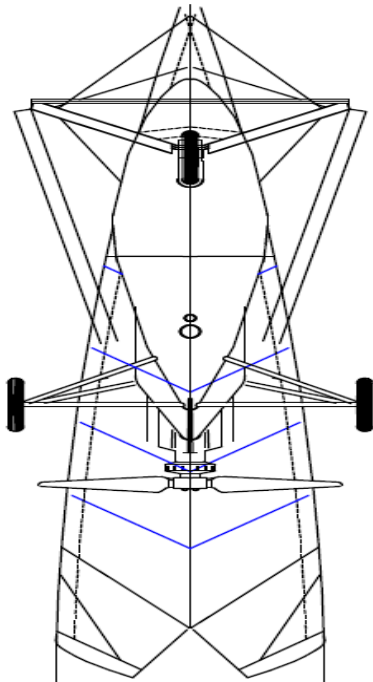
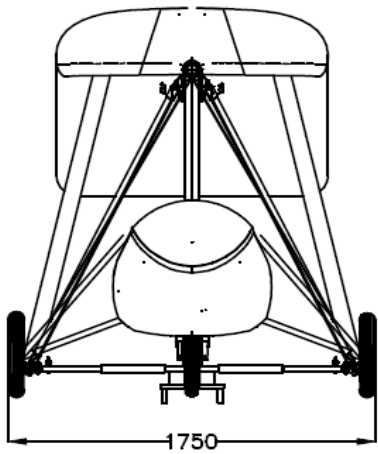
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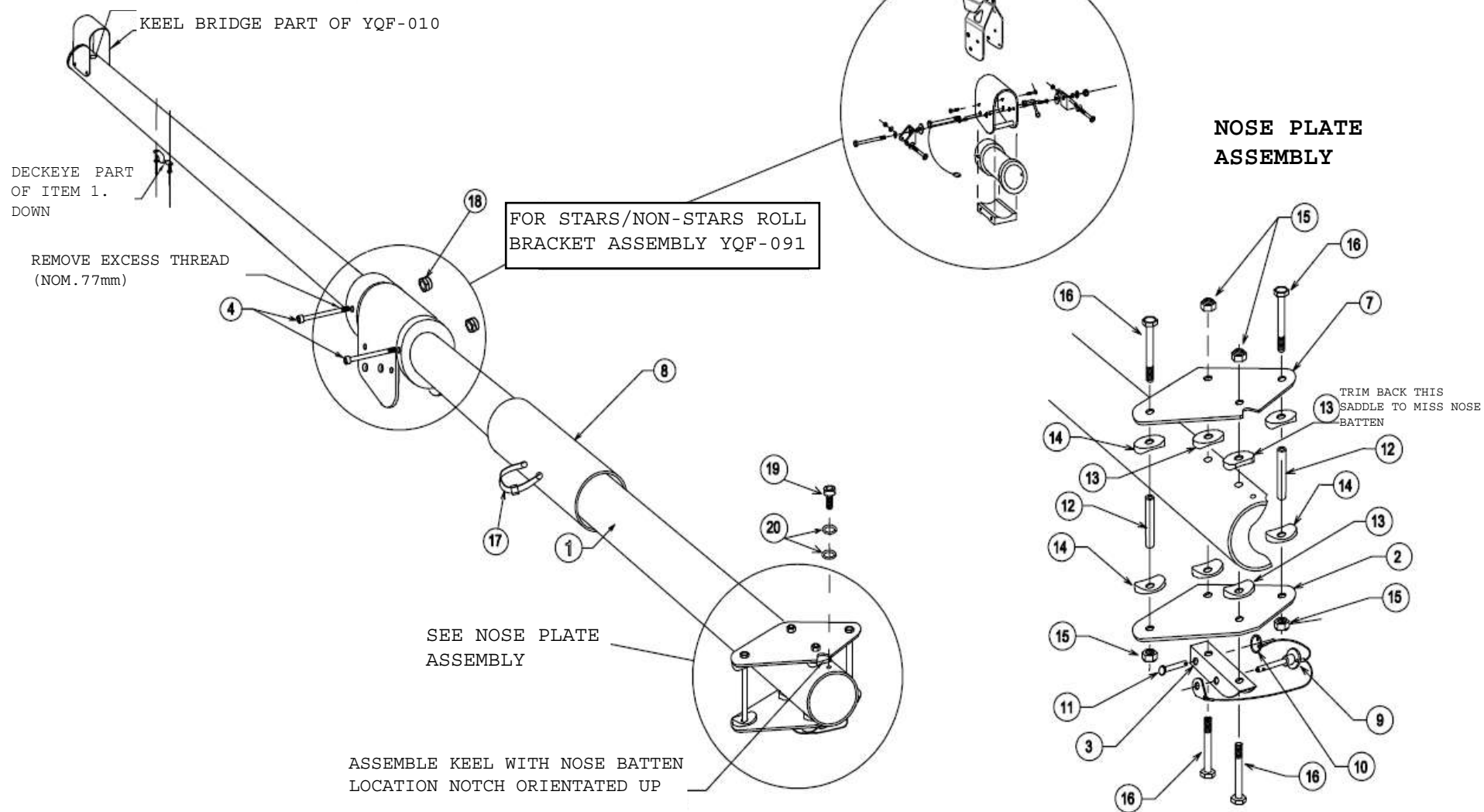


GTR COMPACT FOLD

Item Number	Description	Part number
1	GTR QUIK WING	YQF-001
2	SKATE WITH BASE BAR CHANNEL	N/A
3	TRIKE QUIK GTR/GTR EXPLORER (NOT SHOWN)	YQC-197, YQC-256

SEE WING FINAL ASSEMBLY FOR
DETAIL KEEL FINAL ASSEMBLY

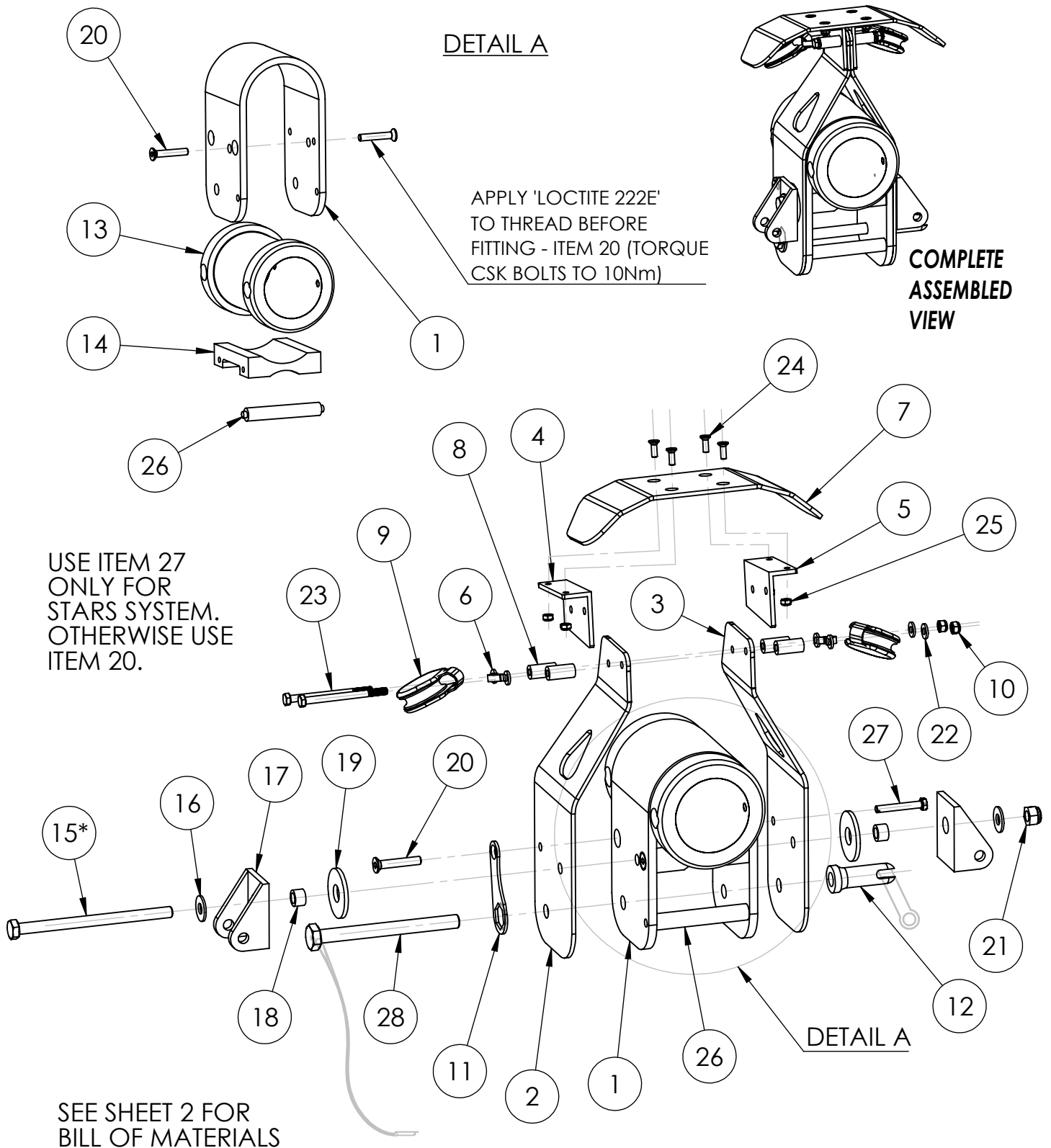
KEEL ASSEMBLY



KEEL ASSEMBLY

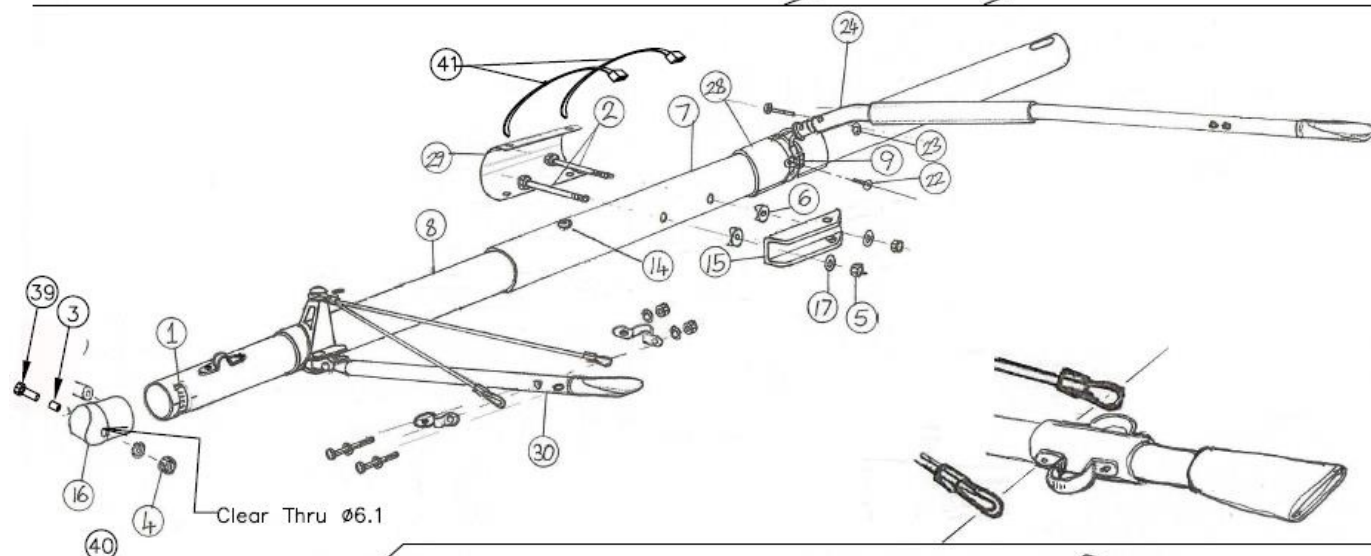
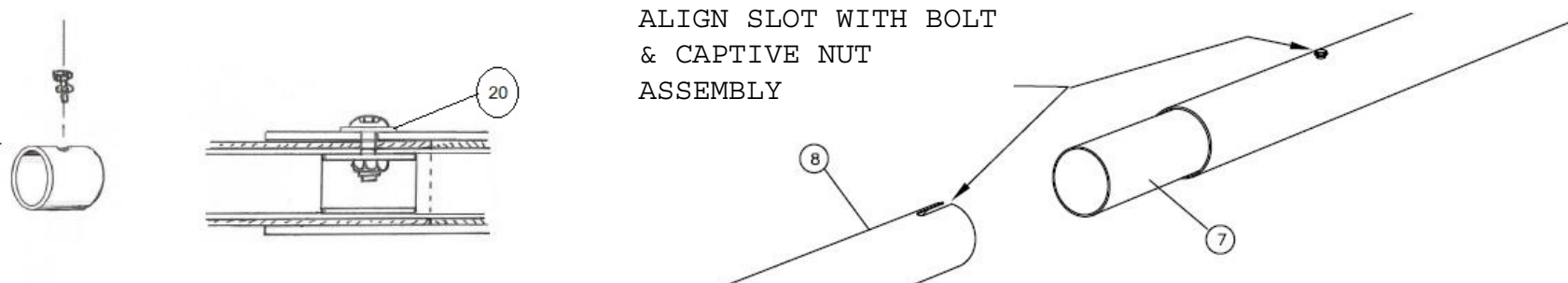
ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	KEEL TUBE COMPLETE	1	YQF-010
2	NOSE PLATE	1	ZPL-003
3	NOSE CATCH CHANNEL	1	ZCH-006
4	SOCKET HD M6 BOLT x 80	2	FCM6-80
7	NOSEPLATE WITH NOTCH	1	ZPL-154
8	TRAVELLER	1	YQE-011
9	22mm PUSH PIN (WITH LANYARD)	1	FP-001
10	5/8" SAFETY RING	1	FPSR-001
11	1/4"x13/16" SS CLEVIS PIN	1	FPCP-001
12	BRASS BUSH	2	ZSP-313
13	2 1/4"xM8 PLASTIC SADDLE	4	PMS-M8-22
14	2 1/4"xM10 ROCKING PLASTIC SADDLE	4	ZMP-142
15	1/4" UNF 'P' TYPE NYLOC NUT	4	FNU4-NP
16	3 1/4"x1/4" UNF HEX HT BOLT	4	FBU4-32/ AN4-32A
17	TYWRAP	2	HTW-006
18	6mm THIN NYLOC NUT	2	FNM6-NT
19	M5x8mm CAP HEAD	1	FCM5-8
20	M5 SPRING WASHER	2	FWM5-SW

YQF-091 STARS ROLL BRACKET ASSEMBLY



STARS ROLL BRACKET ASSEMBLY

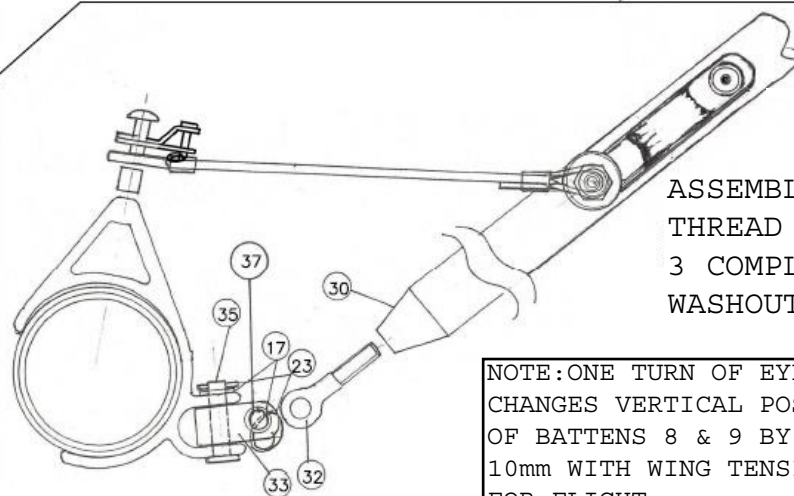
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ZMA-041	ROLL BRACKET	1
2	ZMA-173	STARS Process Center Plate RH	1
3	ZMA-173	STARS Process Center Plate LH	1
4	ZMA-174	STARS Top Angles RH	1
5	ZMA-174	STARS Top Angles LH	1
6	RM-1	Seasure Deckeye	2
7	YQF-092	Plastic Rub Plate	1
8	ZSP-320	STARS Spacer	4
9	RP 23	Pulley Block, Non Swivel	2
10	FNM5-NT	AN3 Nyloc Nut	2
11	ZMS-365	Hang Bolt Locking Plate	1
12	ZMA-042	M10 Pinch Nut	1
13	ZMP-138	Roll Bkt Bearing	1
14	ZMA-023	Roll Bkt Spacer Block	1
15*	AN5-44A / AN5-45A	A/C Hex Bolt	1
16	FW5-T3	5/16" x 1.1/4 Washer	2
17	ZCH-017B	Control Frame Channel Upper	2
18	ZSP-314	3/8"OD 1/4"ID x 12mm SPACER	2
19	FWP-012	13x37x3mm PLASTIC WASHER	2
20	FMS6-35 CSK	M6x35mm Hex Socket CTSK Screw	3
21	FNM8-NT	AN5 Nyloc Nut	1
22	008-030	3/16" An Washer	2
23	AN3-24A	AN3-24A A/C Hex Bolt	2
24	FMS4-12	M4x12mm CTSK Skt Cap	4
25	FNM4-NT	NYLOC M4 nut	4
26	ZSP-091	Roll Bkt Spacer	1
27	FBM6-35	M6x35mm Hex Ht Bolt	1
28	YQB-31302	Hang Bolt ZMF-011 & Lanyard	1



NOTE: LEFT SHOWN/RIGHT
LEADING EDGE ASSEMBLY
IS A MIRRORED
ARRANGEMENT

LEADING EDGE ASSEMBLY

Left Hand Assembly Shown, -
Right Hand mirrored.



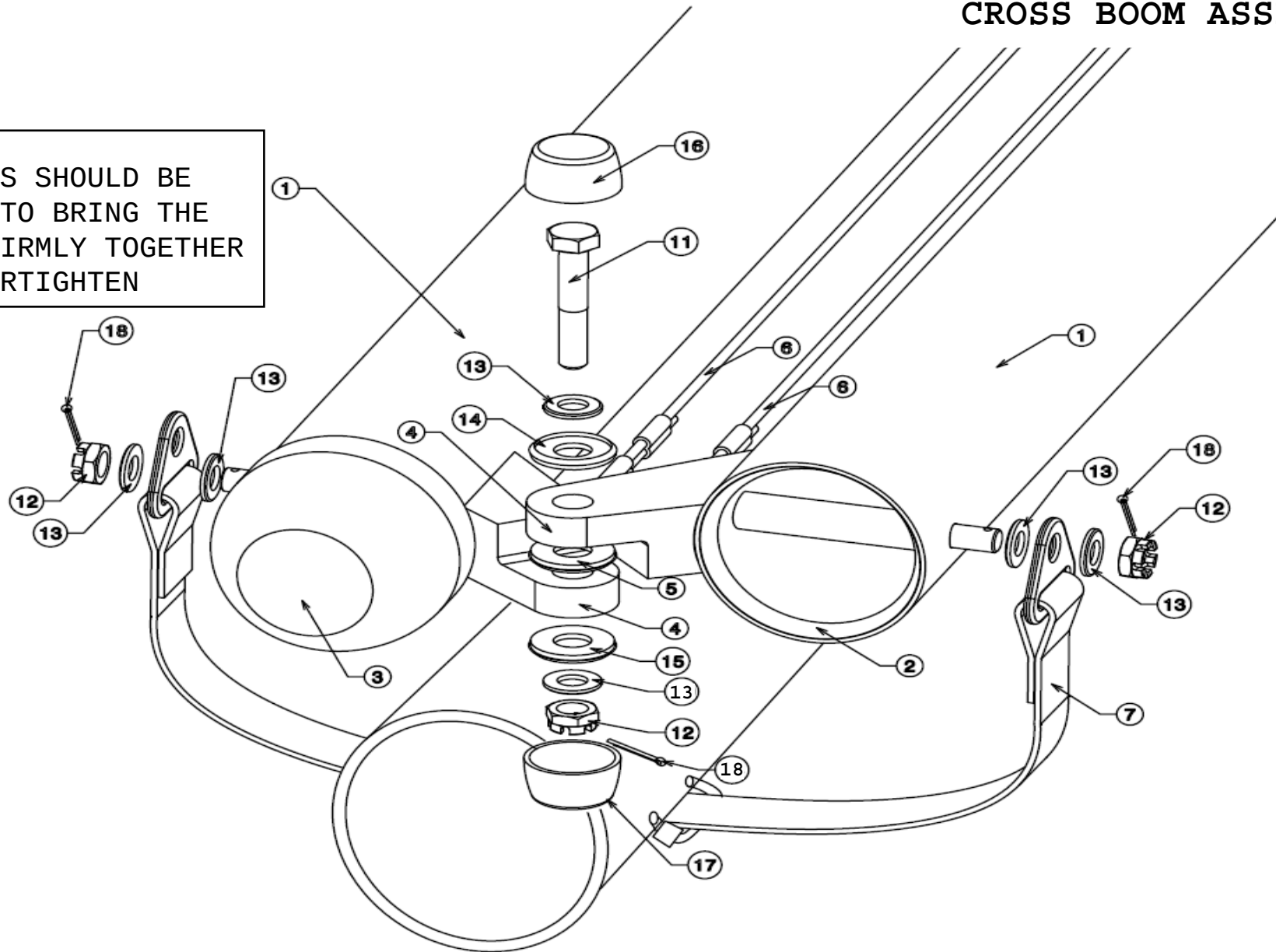
NOTE: ONE TURN OF EYEBOLT 32
CHANGES VERTICAL POSITION
OF BATTENS 8 & 9 BY APPROX
10mm WITH WING TENSIONED
FOR FLIGHT

LEADING EDGE ASSEMBLY

ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	TIP ADJUST PLACARD	2	DP-030
2	1/4 UNF HEX BOLT	4	AN4-27A
3	20mm ALLY SPACER	2	ZSP-039
4	M6 THIN NYLOCK NUT	2	FNM6-NT
5	1/4 UNF 'P' TYPE NYLOCK NUT	6	FNU4-NP
6	2 1/4 x M8 PLASTIC SADDLE	8	PMS-M8-22
7	GTR L&R LEADING EDGE FRONT SECTION	1L, 1R	YQF-023/024
8	GTR QUIKR L&R LEADING EDGE REAR SECTION	1L, 1R	YQE-025/026
9	5MM P CLIP. STAINLESS/ RUBBER	2	HCC-014
14	M6 X 20 SKT BUTTON HEAD SCREW	2	FMSB6-20
15	M/LIGHT LEADING EDGE CHANNEL	2	ZCH-018
16	TURN TIP PLUG	2	ZMP-055
17	T4 LP WASHER	8	FW4-T4
20	T3LP WASHER	2	FW4-T3
22	NO.10x1/2 PAN HEAD POS SCREW	2	FMSST-004
23	2 TURN SPLIT RING	6	FPSR-005
24	INNER WASHOUT ROD COMPLETE	1L, 1R	YQE-0700L/R
28	POLYTHENE FOAM PADS 100mm LONG	6	YQB-042
29	6"x6" MYLAR SAIL PROTECTOR	2	ZMP-157
30	OUTER WASHOUT ROD COMPLETE	2	YQE-029
32	EYE BOLT	2	FEM6-25
33	UNIVERSAL JOINT BLOCK	2	UJ-001
35	CLEVIS PIN 17mm	2	FPCP-009
37	CLEVIS PIN 13mm	2	FPCP-008
39	M6x80 CAP HEAD BOLT	2	FCM6-80
40	AN4 WASHER	2	008-035
41	10" CABLE TIE (WHITE)	4	HTW-003

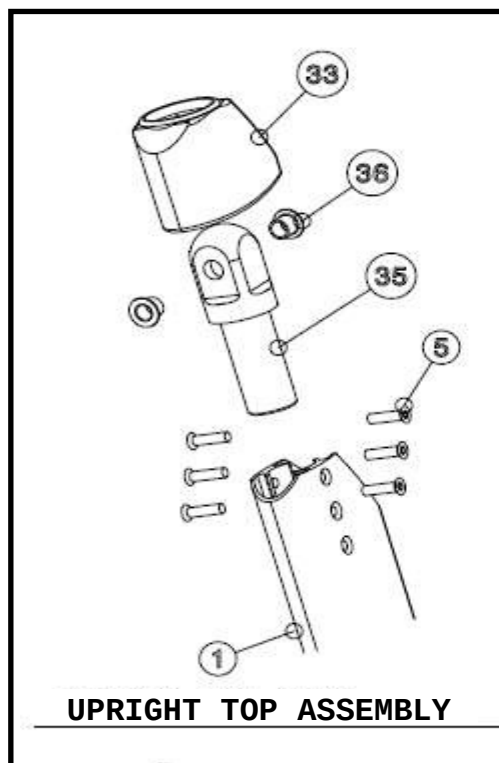
CROSS BOOM ASSEMBLY

NOTE:
CASTLE NUTS SHOULD BE
TIGHTENED TO BRING THE
ASSEMBLY FIRMLY TOGETHER
DO NOT OVERTIGHTEN

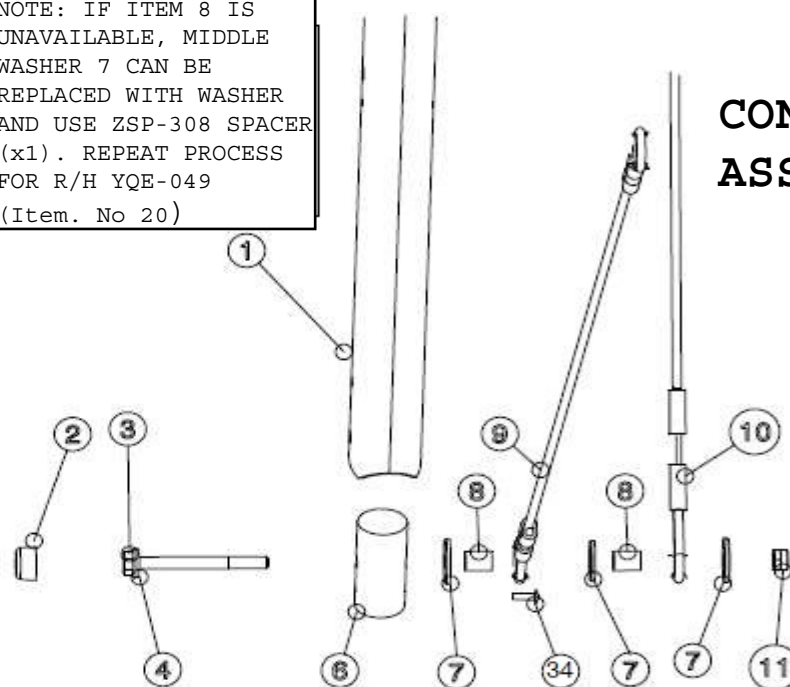


CROSS BOOM ASSEMBLY

ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	QUIK GTR CROSS SPAR (L/R)	2	YQF-031
2	CROSS SPAR BALL SEAT	1	ZIN-009
3	CROSS SPAR CENTRE BALL	1	ZMP-010
4	CROSS SPAR PIVOT BLOCK (11mm)	2	ZMA-002
5	PIVOT BLOCK SPACER	1	ZSP-008
6	QUIK GTR RESTRAINT CABLE (RELAXED)	1	YQF-032
7	GTR ANTI FLOAT WEBBING	1	YQF-027
11	AN5-15 A/C HEX BOLT	1	AN5-15
12	5/16" CASTLE NUT	3	FNU5-CN
13	5/16" T3LP WASHER	6	FW5-T3
14	8mm SKIFFY WASHER	1	PMC-SB8
15	10mm SKIFFY WASHER	1	PMC-SB10
16	8mm RAISED SKIFFY CAP	1	PMC-SC8
17	10mm RAISED SKIFFY CAP	1	PMC-RSC10
18	1x1/16" SPLIT PIN	3	FPSP-002



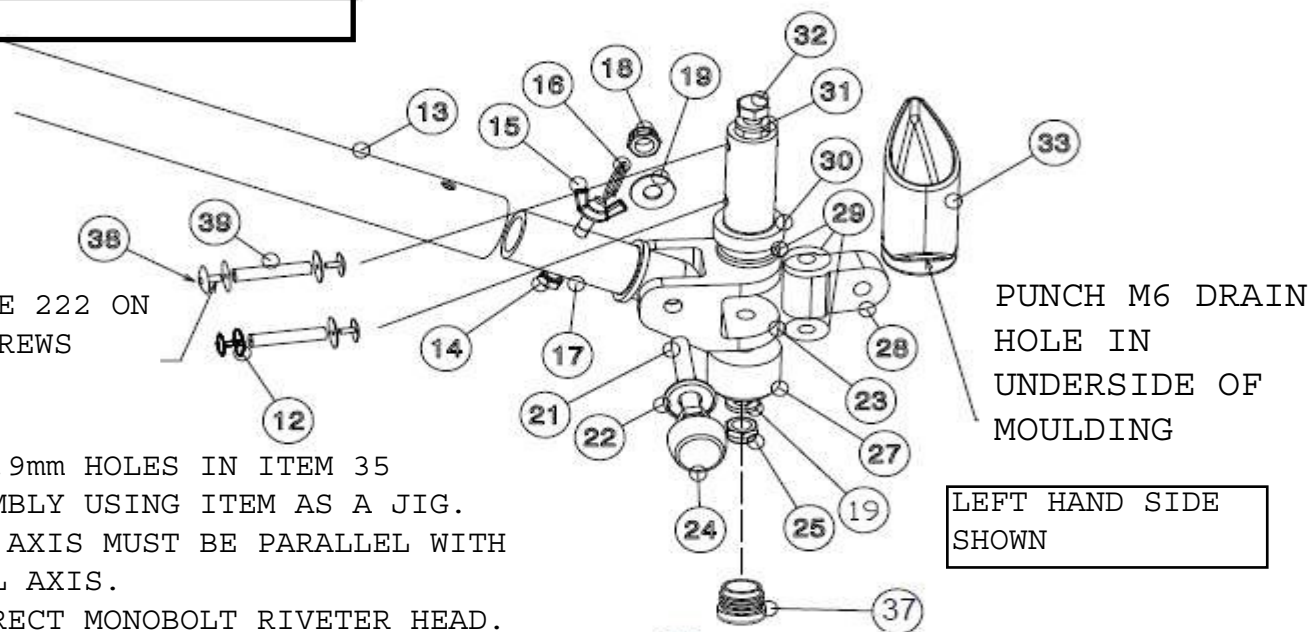
NOTE: IF ITEM 8 IS UNAVAILABLE, MIDDLE WASHER 7 CAN BE REPLACED WITH WASHER AND USE ZSP-308 SPACER (x1). REPEAT PROCESS FOR R/H YQE-049 (Item. No 20)



LOCTITE 222 ON ALL SCREWS

NOTES

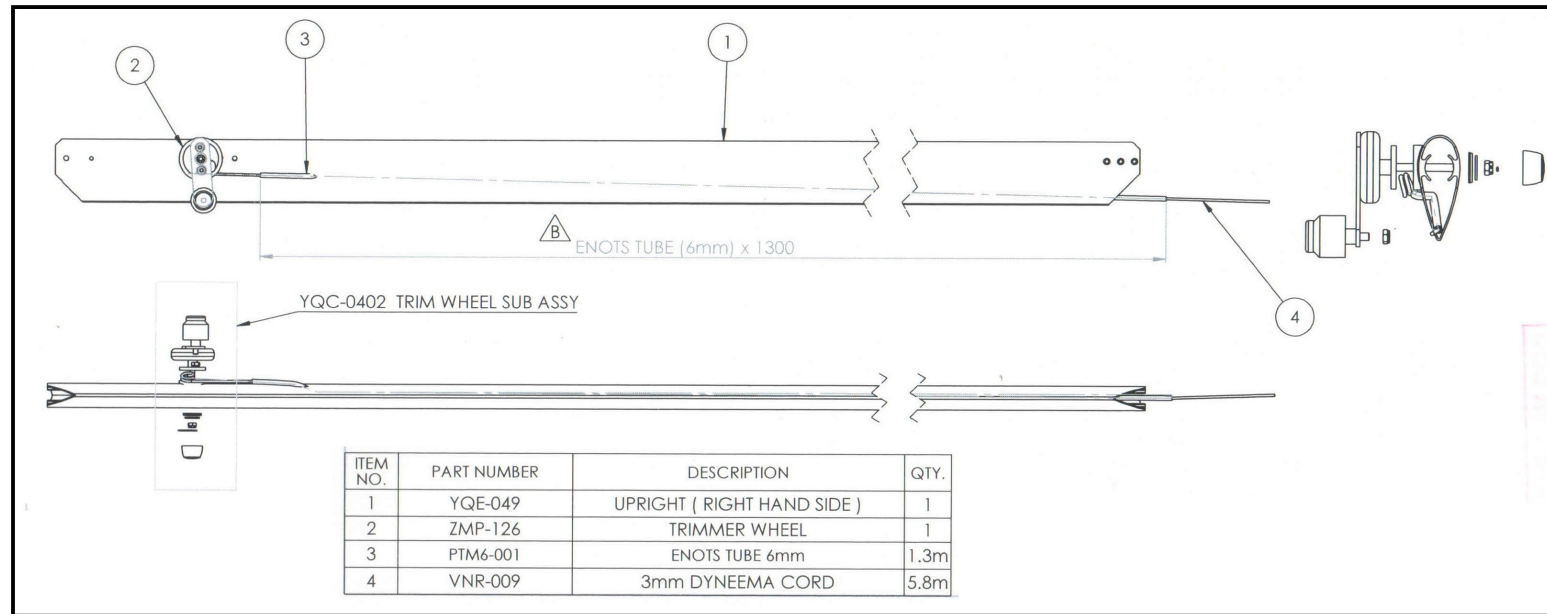
DRILL 4.9mm HOLES IN ITEM 35 ON ASSEMBLY USING ITEM AS A JIG. KNUCKLE AXIS MUST BE PARALLEL WITH AEROFOIL AXIS. USE CORRECT MONOBOLT RIVETER HEAD.



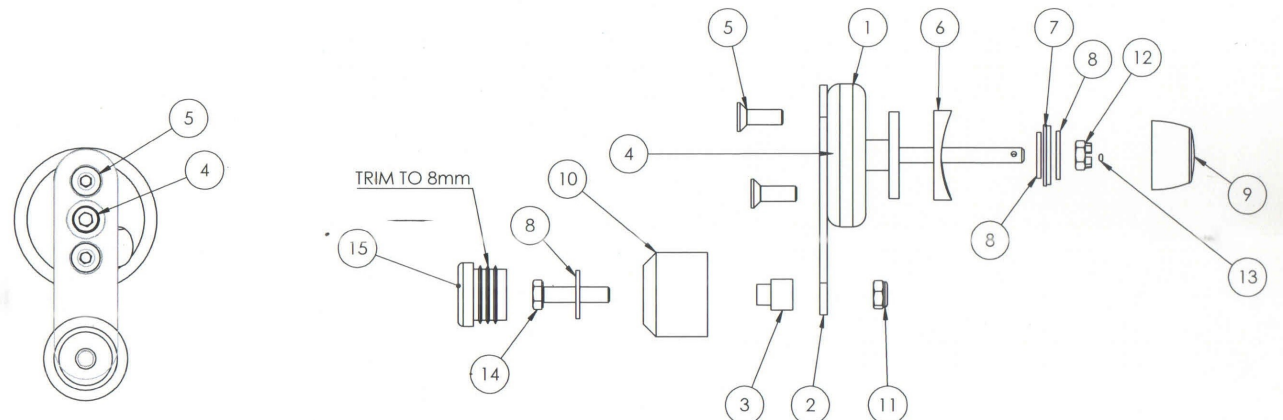
CONTROL FRAME ASSEMBLY

ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	CONTROL FRAME UPRIGHT LH	1	YQE-041
2	6mm RAISED SKIFFY CAP	2	PMC-RSC6
3	AN4-22A HEX BOLT	2	FBA4-22A
4	8mm SKIFFY RING ONLY	2	PMC-SB8
5	3/16"x3/8" CSK MONOBOLT	16	FR6-12-003
6	AEROFOIL PLUG	2	ZMP-135
7	1/4"x3/4" WASHER	6	FW4-12
8	SPACER	4	ZSP-250
9	LOWER FRONT RIGGING	1	YQF-047
10	LOWER REAR RIGGING	1	YQF-046
11	1/4" UNF 'P' TYPE NYLOC NUT	2	FNU4-NP
12	3/16" AN960-10L WASHER	8	008-025
13	CONTROL FRAME BASE TUBE	1	YQC-042
14	AN4-17 A/C HEX BOLT	2	AN4-17
15	1/4" WINGNUT	2	FNU4-WN
16	5/8" SAFETY RING	2	FPSR-001
17	BASE TUBE KNUCKLE	2	ZKN-136
18	5/16" UNF NYLOC NUT	2	FNU5-NT
19	5/16" WASHER	4	FW5-T3
20	C.F R/H UPRIGHT TUBE ONLY	1	YQE-049
21	AN5-21A HEX BOLT	2	FBA5-21A
22	M8 SKIFFY WASHER	2	PMC-SB8
23	UJ CONTROL FRAME CORNER	2	ZMA-176
24	M8 RASIED SKIFFY CAP	2	PMC-SC8
25	M8 NYLOC NUT	2	FNM8-NT
27	FOOT	2	ZMP-144
28	UJ STRUT	2	ZMA-175
29	8x30x0.25mm MYLAR WASHER	6	ZMP-013
30	UPRIGHT SWIVEL	2	YQE-043
31	5/16" THIN WASHER AN5	2	008-027
32	M8.8 M8x75 SKT HEAD BOLT	2	FCM8-75
33	BOOT	4	PMM-048
34	3.2x6mm ALLY POP RIVET	2	FR3.2-6-002
35	C FRAME SIDE TOP KNUCKLE	2	ZKN-133
36	GLACIER DU TOP HAT BEARING	4	BEA-GB8
37	1x14 PVC END PLUG BLACK	2	PEP8-001
38	M5x12mm SKT FLANGE BUTTON	8	FMSFB5-12
39	BARREL PIN	4	ZMS-352

TRIM WHEEL ASSEMBLY



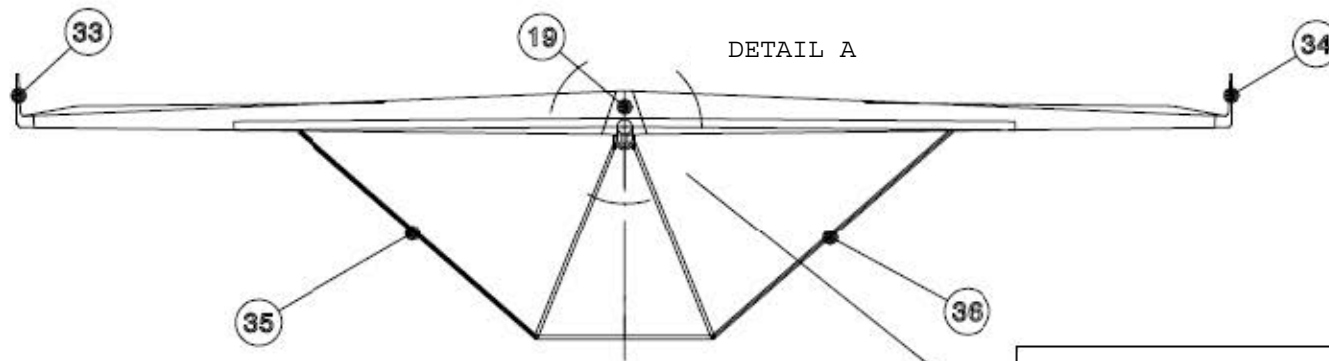
TRIM WHEEL ASSEMBLY



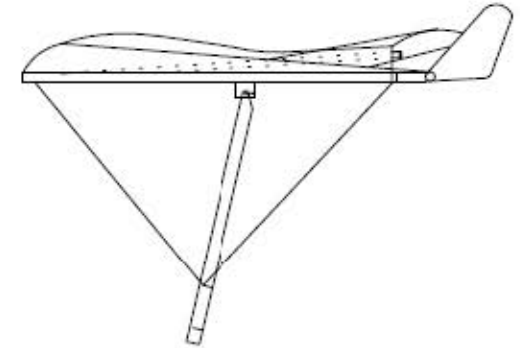
TRIM WHEEL ASSEMBLY

ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	TRIMMER WHEEL (Manual Quik & Stars roll)	1	ZMP-126
2	TRIMMER CRANK PLATE	1	ZPL-147
3	TRIM KNOB SPACER	1	ZSP-300
4	M6X69 SOC CAP BOLT	1	ZMF-003
5	M6 X 18 SOC CSK SCREW	2	FSCM6-18
6	2.5/8*5/16 PLAS/SADDLE PL6010	1	PMS-5-25
7	10mm SKIFFY RING ONLY	1	PMC-SB10
8	1/4 x 3/4 18g (1.2mm thk) washer Z/Y	3	FW4-12
9	10mm RAISED SKIFFY CAP ONLY	1	PMC-RSC10
10	CONTROL FRAME FOOT	1	ZMP-144
11	M6 NYLOC NUT 'T' TYPE	1	FNM6-NT
12	M6 CASTLE NUT	1	FNM6-CN
13	1/16 x 3/4" SPLIT PIN STAINLESS"	1	FPSP-002
14	M6*25mm HEX HT BOLT	1	FBM6-25
15	1*14 END PLUG BLACK	1	PEP8-001

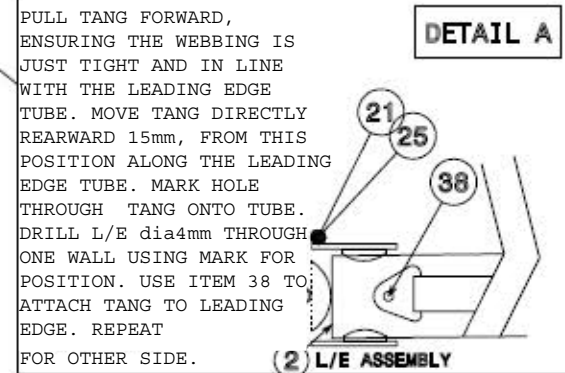
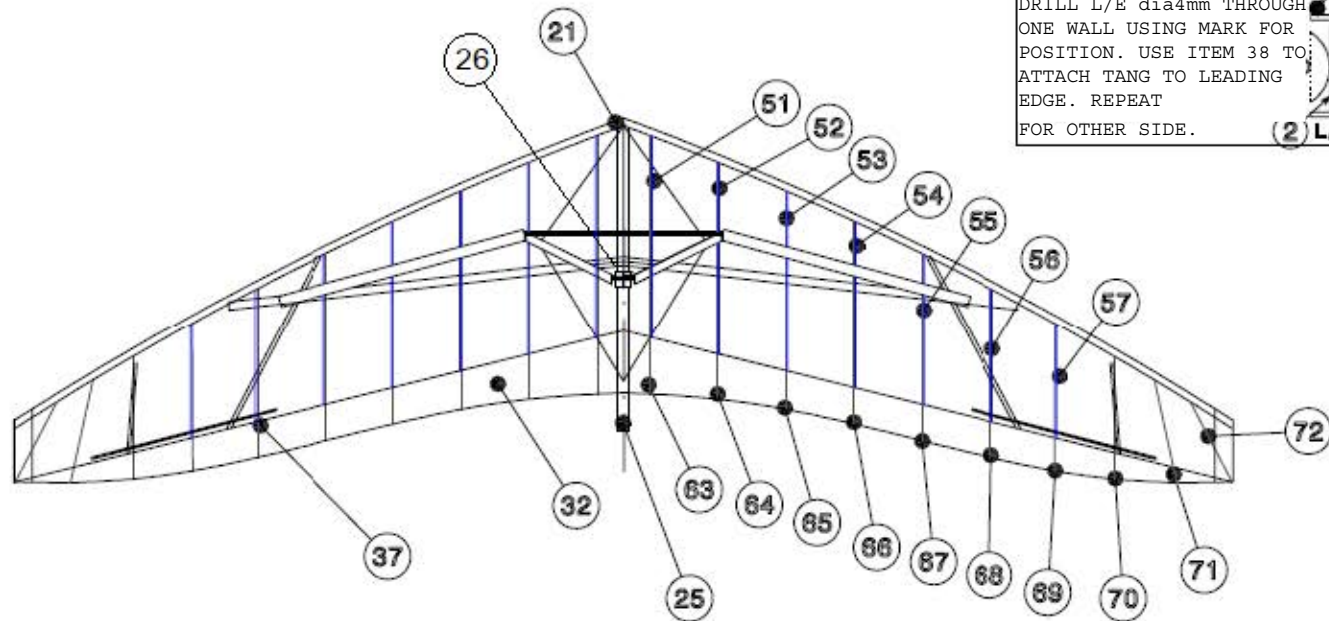
FRONT ELEVATION



SIDE ELEVATION

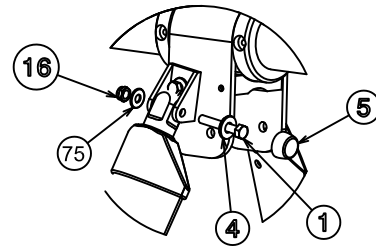


OVERSIDE ELEVATION

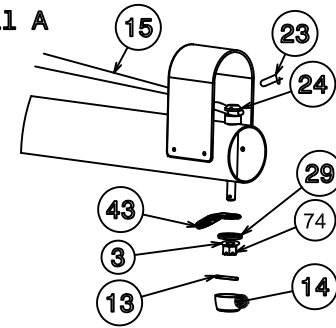


WING ASSEMBLY

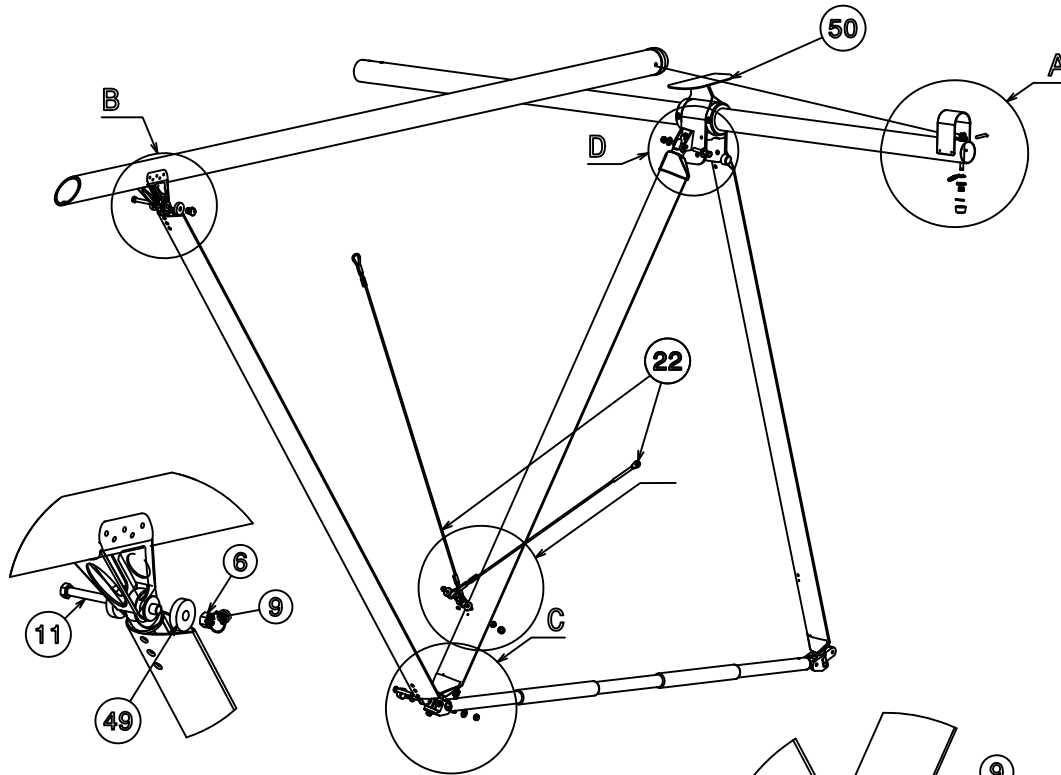
Detail D



Detail A

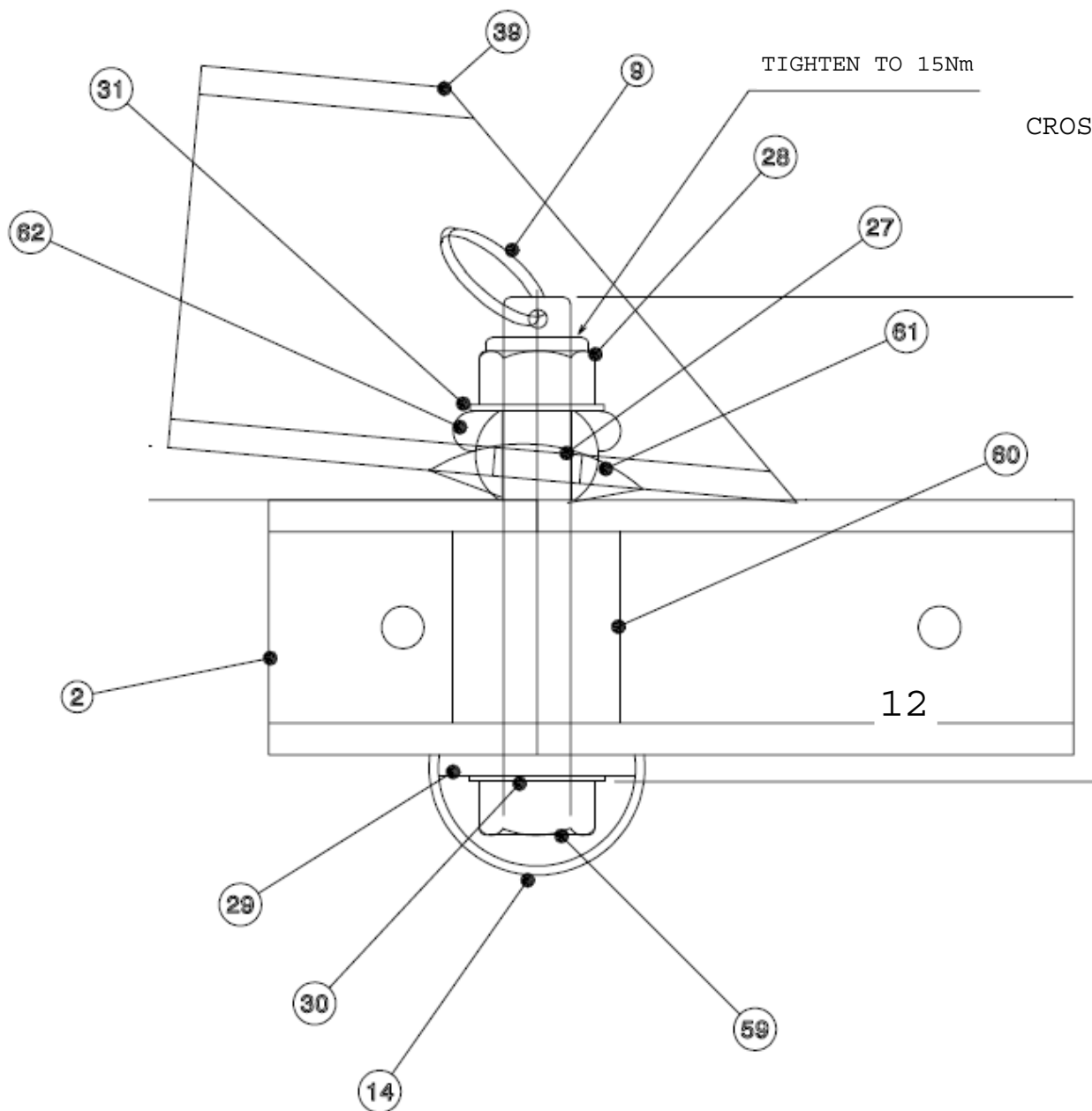


NOTE: ENSURE RESTRAINT STUD IS FULLY LOCATED THROUGH KEEL AND SAFETY PIN HOLE IS AT 90 DEG TO KEEL BEFORE FASTENING WITH ITEM 74 AND APPLYING WING TENSION.



Detail B

Detail C



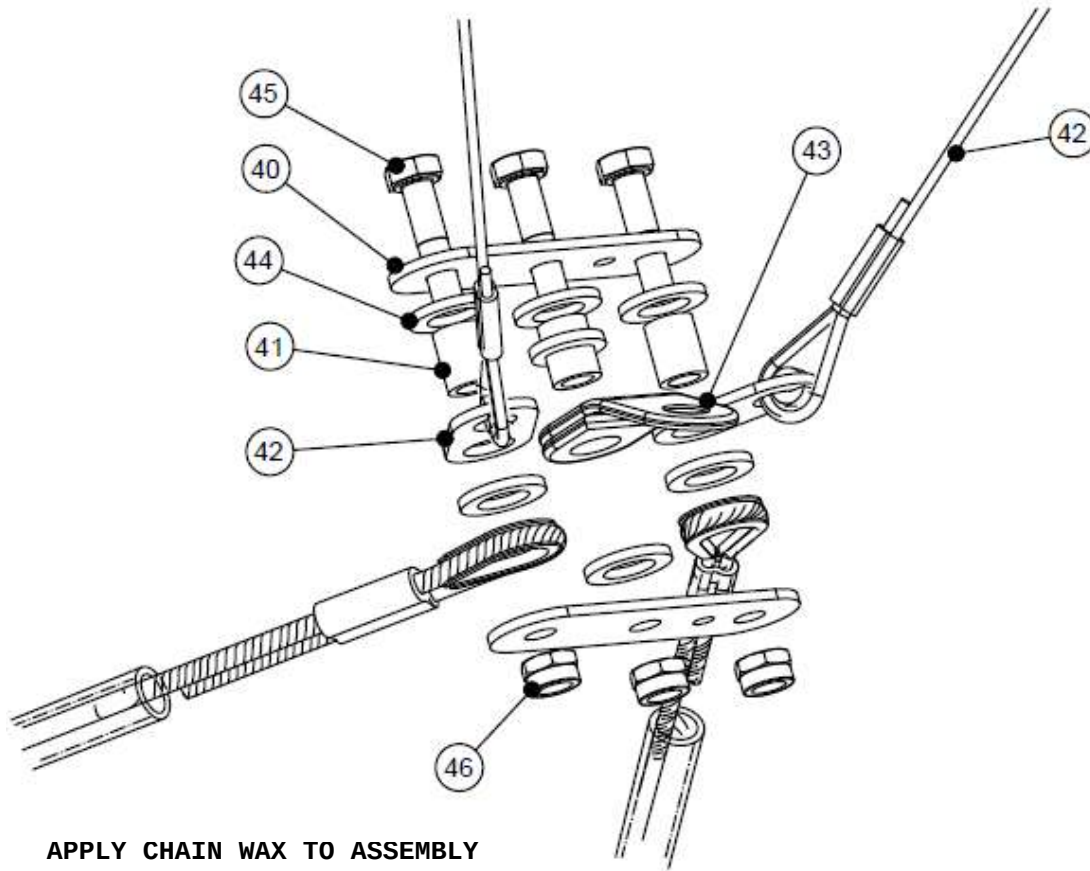
CROSS SPAR TO LEADING EDGE ASSEMBLY

WING ASSEMBLY

WING ASSEMBLY

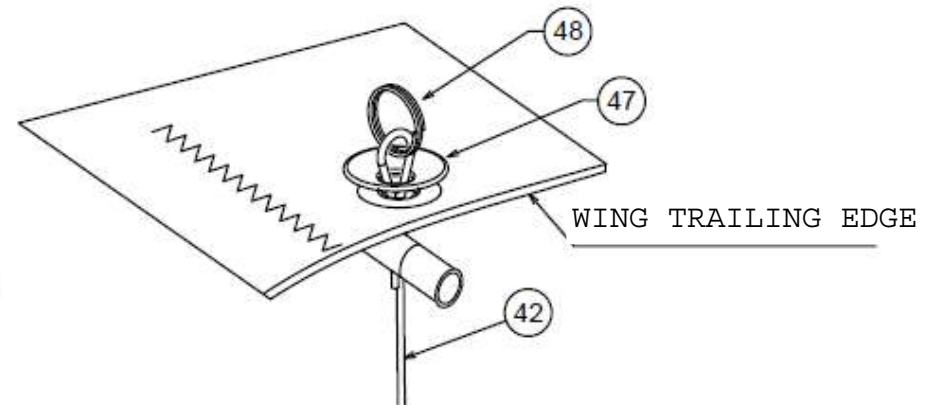
ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	AN5-20A HX BOLT	2	AN5-20A
2	LEADING EDGE CHANNEL	2	ZCH-018
3	5/16" M/S T4LP WASHER	1	FW5-T4
4	SKIFFY WASHER 8mm	2	PMC-SB8
5	SKIFFY CAP 8mm	2	PMC-SC8
6	5/16" WING NUT	4	FNU5-WN
7	1/4" WING NUT	2	FNU4-WN
8	AN4 BOLT	2	AN4-15
9	5/8" SAFETY RING	8	FPSR-001
11	5/16" AN-5 HEX BOLT WITH HOLE	2	AN5-22
13	1/16 SPLIT PIN	1	FPSP-002
14	SKIFFY CAP 10mm	3	PMC-RSC10
15	GT450 RESTRAINT CABLE ASSY	1	YQD-032
16	5/16 UNF 'P' TYPE NYLOC NUT	2	FNU5-NP
19	NOSE BATTEN	1	YQF-71300
20	5/16" HEX BOLT WITH HOLE	2	AN5-15
21	LOCATION OF SERIAL NUMBER	1	N/A
22	LOWER REAR WIRE ASSY	2	YQF-046
23	SAFETY PIN	1	FP-003
24	KEEL RESTRAINT STUD	1	ZMS-350
25	KEEL ASSY	1	YQF-010
26	STAR KEEL PROCESS ASSEMBLY	1	YQF-091
27	L.E JOINT SPHERICAL BUSH	2	ZMS-348
28	M10 'T' TYPE NYLOC NUT	2	FNM10-NT
29	SKIFFY WASHER 10mm	3	PMC-SB10
30	10mm MILD STEEL WASHER	2	FWM10-B
31	10mm WASHER, BIG DIA	2	FWM10-002
32	QUIK GTR BATTEN PLAN ASSY	1	YQF-71000
33	STARBOARD TIP FIN ASSY	1	YQD-080
34	PORT TIP FIN ASSY	1	YQD-080
35	STARBOARD STRUT ASSY	1	YQF-080R
36	PORT STRUT ASSY	1	YQF-080L
37	SPANWISE BATTEN	2	YQF-71001
38	SELF TAPPER SCREW	2	FMSST-001
39	CROSS SPAR ASSY	2	YQF-030
40	S STEEL TANG	2	ZPL-036
41	BRASS SPACER	3	ZSP-308
42	TRAILING EDGE SHIFT CABLE	2	YQF-0511
43	ANGLED MODIFIED SS TANG	1	RT-2H-HD3M
44	10x17x1.9 PLASTIC WASHER	7	FWP-011
45	M6x25 HEX HT BOLT	3	FBM6-25

FIT ITEM 43 TO KEEL USING STUD
ITEM 24 SHEET 2



**APPLY CHAIN WAX TO ASSEMBLY
AT ALL MOVING JOINTS .**

BOLT ITEMS 45 TIGHTEN TO 10NM.
ASSEMBLY MUST BE FREE TO ARTICULATE



T/E SHIFT CABLE SECURING

AFTER INSTALLING BATTENS THREAD END OF
ITEM 42 THROUGH THE EYELET AS SHOWN AND
SECURE USING ITEM 47 AND 48

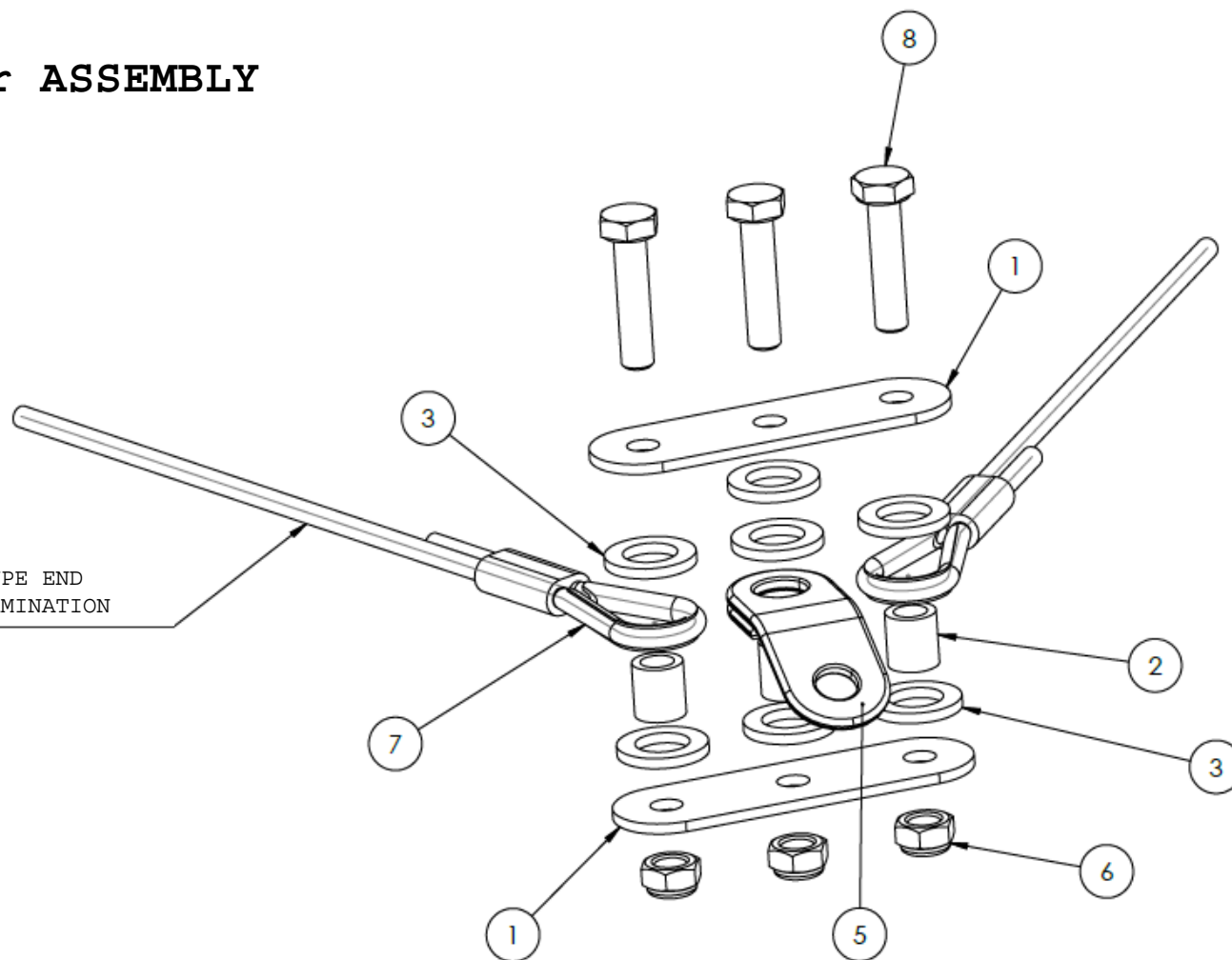
WING ASSEMBLY

WING ASSEMBLY

ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
46	M6 'T' TYPE NYLOCK NUT	3	FNM6-NT
47	MILD STEEL DISH WASHER	2	034-380
48	2 TURN SAFETY RING	2	FPSR-003
49	SNUBBER WASHER	4	ZMP-141
50	STAR SYSTEM GA	1	YQF-090
51	NO.1 LOWER RIB	2	YQF-72100 YQF-72200
52	NO.2 LOWER RIB	2	YQF-72110 YQF-72210
53	NO.3 LOWER RIB	2	YQF-72120 YQF-72220
54	NO.4 LOWER RIB	2	YQF-72130 YQF-72230
55	NO.5 LOWER RIB	2	YQF-72140 YQF-72240
56	NO.6 LOWER RIB	2	YQF-72150 YQF-72250
57	NO.7 LOWER RIB	2	YQF-72160 YQF-72260
59	M10 MODIFIED BOLT	2	ZMS-278
60	LEADING EDGE CHANNEL SPACER	2	ZSP-060
61	MODIFIED PLASTIC SADDLE	2	ZMP-089
62	RUBBER GROMMET	2	PMM-008
63	NO.1 UPPER RIB	2	YQF-71100 YQF-71200
64	NO.2 UPPER RIB	2	YQF-71110 YQF-71210
65	NO.3 UPPER RIB	2	YQF-71120 YQF-71220
66	NO.4 UPPER RIB	2	YQF-71125 YQF-71225
67	NO.5 UPPER RIB	2	YQF-71130 YQF-71230
68	NO.6 UPPER RIB	2	YQF-71135 YQF-71235
69	NO.7 UPPER RIB	2	YQF-71140 YQF-71240
70	NO.8 UPPER RIB	2	YQF-71145 YQF-71245
71	NO.9 UPPER RIB	2	YQF-71150 YQF-71250
72	NO.10 UPPER RIB	2	YQF-71155 YQF-71255
73	STARS PROCESS SAIL RUB PATCH	AR	YQE-094
74	5/16" CASTLE NUT	1	AN310-5
75	5/16" WASHERS AN	2	008-040

Keel Rocker ASSEMBLY

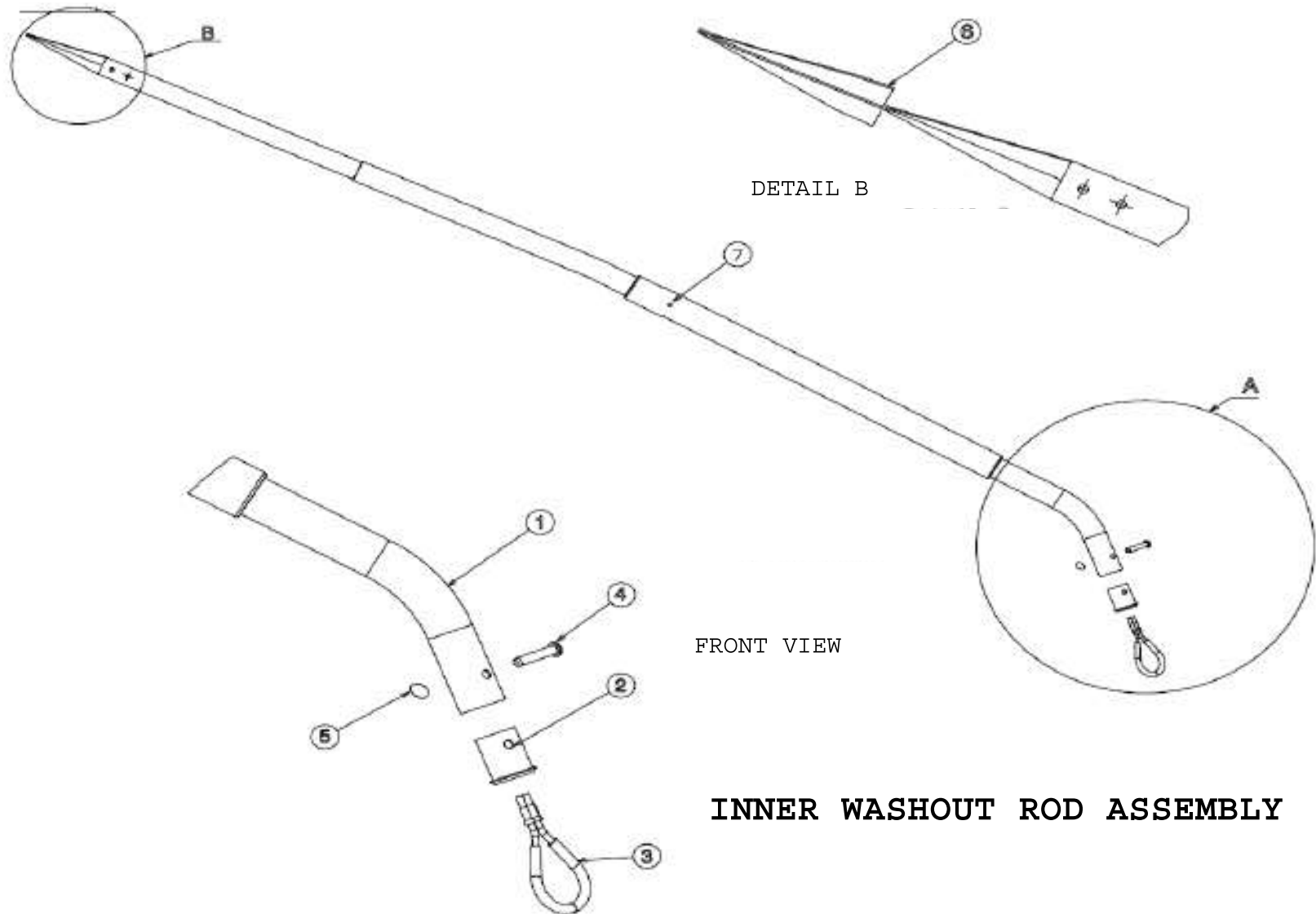
LOWER REAR RIGGING WITH THIMBLE TYPE END
TERMINATION OR ROLL SWAGED END TERMINATION



NOTE:
ASSEMBLY MUST ARTICULATE FREELY WHEN BOLTS ARE
ALL TIGHTENED TO 10Nm
LUBRICATE ASSEMBLY WITH MOTOR CYCLE CHAIN WAX

Keel Rocker ASSEMBLY

ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	STAINLESS STEEL 3 HOLE TANG	2	ZPL-036
2	SPACER	3	ZSP-342
3	PLASTIC WASHER	7	FWP-011
4			
5	MODIFIED KEEL TANG	1	RT-2H-HD3M
6	M6 NYLOC NUT	3	FNM6-NP
7	REAR RIGGING CABLE	2	YQF-046
8	M6 x 25 8.8 HEX BOLT	3	FBM6-25

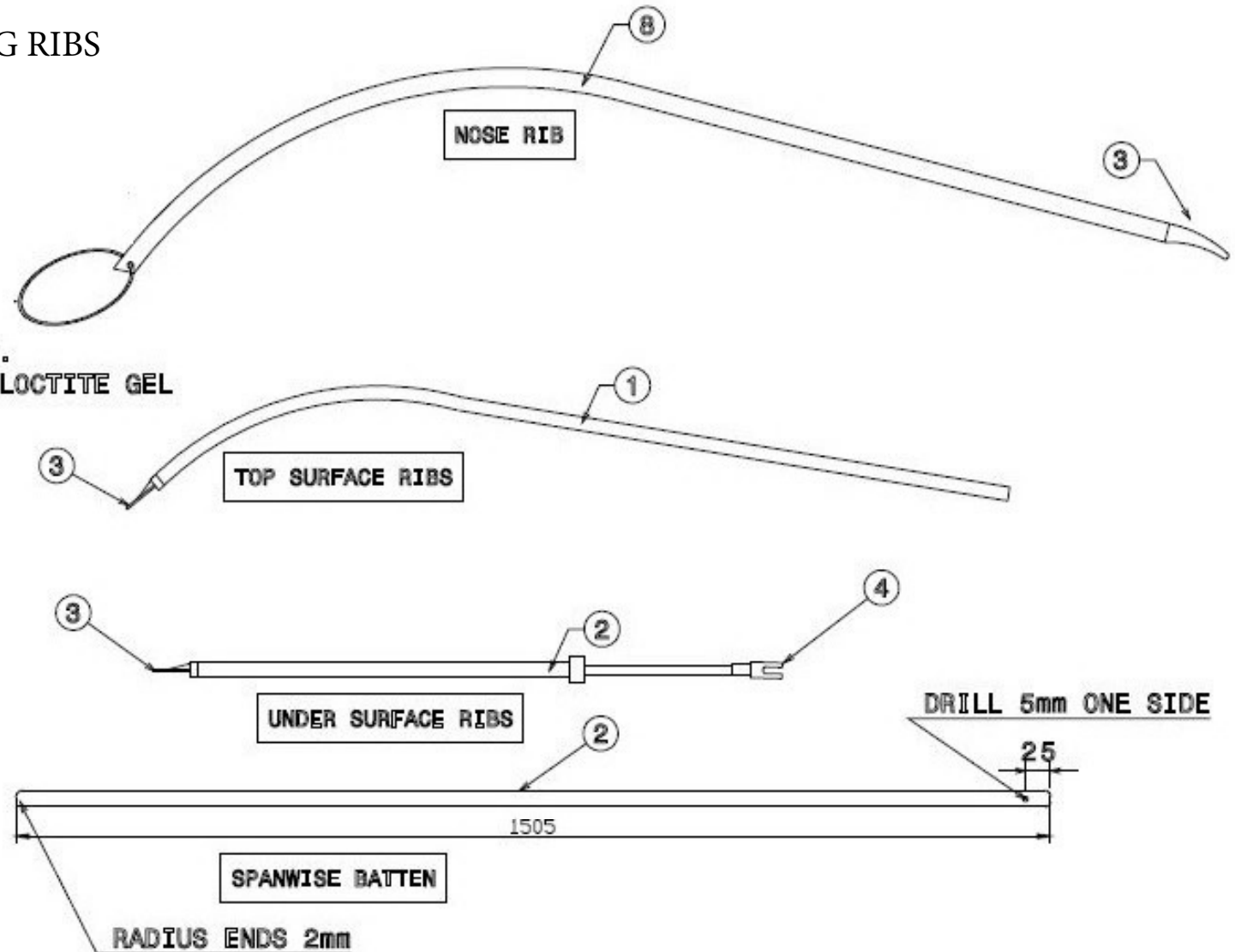


INNER WASHOUT ROD ASSEMBLY

ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	INNER W/O ROD COMPLETE	1	YQE-0700
2	W/O ROD PROTECTOR	1	ZMP-137
3	CABLE STRAP	1	YQE-071
4	CLEVIS PIN M6x32	1	100325
5	SPLIT RING DOUBLE TURN	1	FPSR-005
6	WASHOUT ROD NEOPRENE BOOTY	1	SOFT-009
7	4.8x10mm (3/16*3/8) S/S RIVET	1	FR6-12-001

MULTI WING RIBS

METAL RIBS - SWAGE ENDS IN PLACE.
CFRP RIBS - BOND IN PLACE USING LOCTITE GEL
OR EPOXY ADHESIVE.



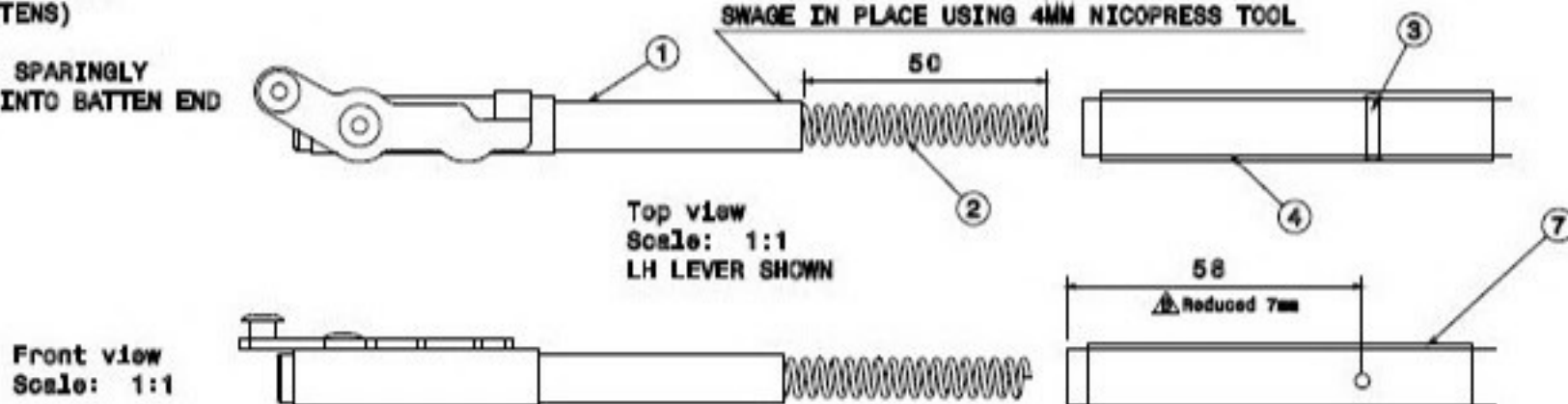
MULTI WING RIBS

ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	RIB	AR	ATU0-4-1A
2	CFRP ROD	AR	PXC-501
3	DUCK FOOT	34	PMR5-DFG/R
4	FORKED END	30	PMR8-FG/R
8	NOSE RIB	1	ATU0-4-1A

**SPRING BATTEN DETAIL
(OUTER 5 BATTENS)**

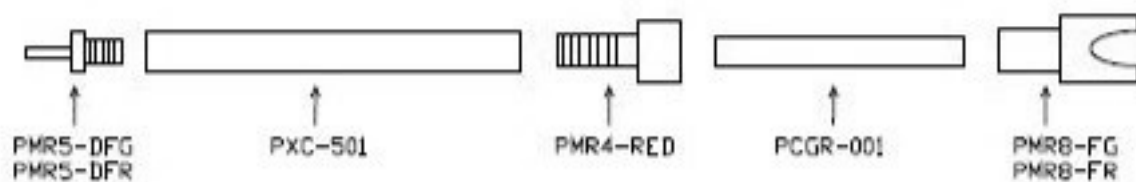
APPLY GREASE SPARINGLY
WIND SPRING INTO BATTEN END

INSERT SPRING 7MM INSIDE TUBE.
SWAGE IN PLACE USING 4MM NICOPRESS TOOL

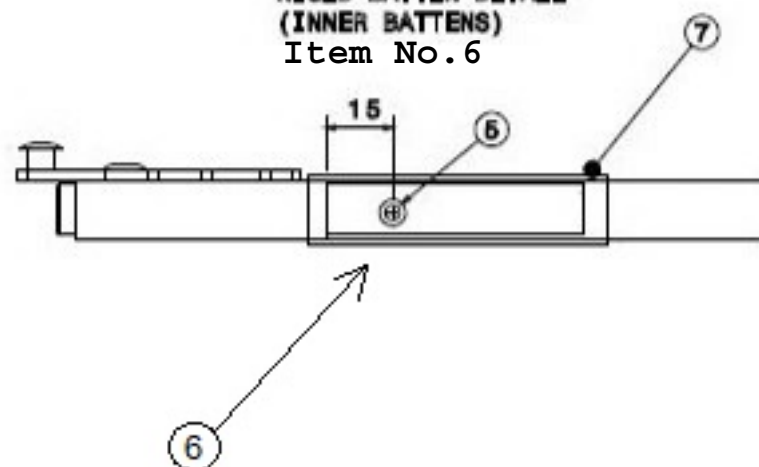


GTR COMPLETE SET:

- 1 - 7 IN RED (LH)
- 1 - 7 IN GREEN (RH)



**RIGID BATTEN DETAIL
(INNER BATTENS)
Item No.6**



MULTI WING RIBS

ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	OVER CENTRE LEVER (LH SHOWN)	20L, 20R	BTL, BTR
2	SPRING, 57mm LONG	10	HS-019
3	ROLL PIN	10	FPRP-006
4	BATTEN END, SPRING TYPE	10	
5	RIVET	10	FR3.2-6-002
6	BATTEN END, RIGID TYPE	10	
7	H.S SLEEVE, RED/PORT, GREEN STBD	5ML, 5MR	PHS8-002

RIGHT HAND ASSEMBLY SHOWN, LEFT MIRROR OF THIS ASSEMBLY

SEE PAGE 5 FOR KEEL ASSEMBLY

SEE PAGE 20 FOR INNER WASHOUT ROD ASSEMBLY

ADJUSTMENT LOOP WITH 3 HITCHES

NOTE-STAPS CORD RUNS BELOW INNER WASHOUT ROD

TRIMMER ATTACHMENT MINIMAL LOOP 12-15mm

HALF HITCH

BOWLINE KNOT

LINK CHORD

DETAIL A

CUT LENGTH (R+L) 2850

CUT LENGTH (R+L) 920

CUT LENGTH 750

STARS ASSEMBLY WITHOUT ROLL TRIM

29

STARS ASSEMBLY WITHOUT ROLL TRIM

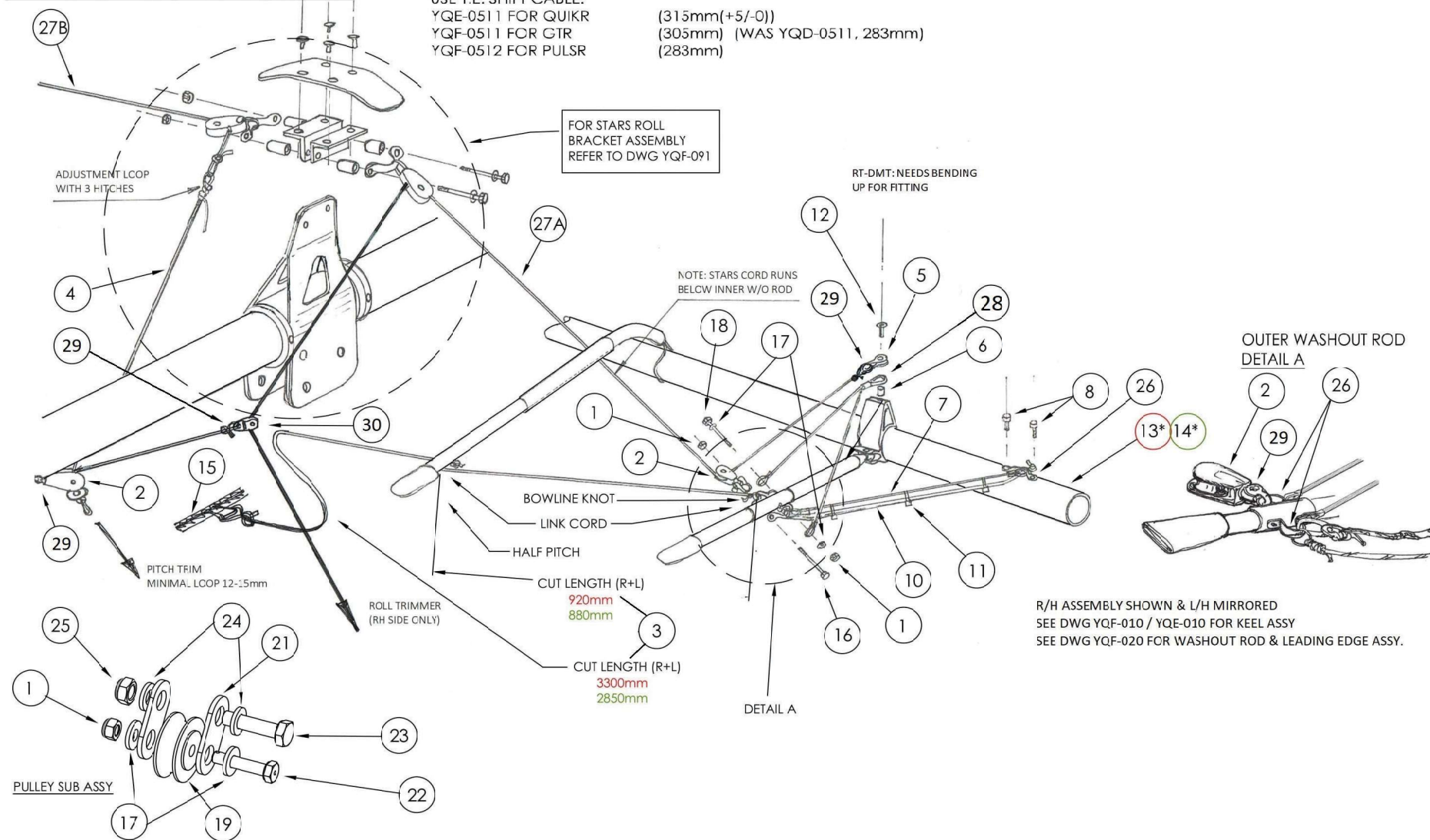
ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	M5 NYLOC NUT	4	FNM5-NT
2	PULLEY, NON SWIVEL	2	RP-23
3	PULLEY, SWIVEL WITH SHACKLE	3	RP-22
4	ANGLE LH	1	YQF-174L
5	ANGLE RH	1	YQF-174R
6	COUNTERSUNK 4MM SCREW	4	FMS4-12
6A	4MM THIN NYLOC NUT	4	FNM4-NT
7	RUBBING PLATE	1	YQF-092
8	SEASURE DECK EYE	8	RM-1
9	AN3 WASHER	2	008-030
10	AN3-24A BOLT	2	AN3-24A
11	SPACER / or ZSP-069	4	ZSP-320
12	STARS PLATE LH	1	ZMA-173L
13	STARS PLATE RH	1	ZMA-173R
14	3MM DYNEEMA CORD	10m	VNR-009
14C	STARS BRIDLE	1	
15	DOUBLE MAST TANG R.TYPE	2	RT-DMT
16	W/O ANCHOR SPACER BUSH	2	ZSP-332
17	W/O ROD LIMIT CABLE	2	YQF-093
18	M5 X 13 SKT HD SCREWS	4	FCM5-13
19	PLASTIC WASHER	1	FWP-001
20	RETRACTION BUNGEE	1.5m	VSC5-001
21	TYWRAP	6	HTW-002
22	DOME HEAD M6 SCREW	2	FMSB6-15
23	LEADING EDGE COMPLETE	1L,1R	YQF-020
24	CSK FASTENERS, Ref Keel Assy	AR	NA
25	BECKET SEWN INTO SAIL	AR	NA
26	M5 x 35 HEX HEAD BOLT	2	FBM5-35
27	5.3 x 15 FLAT WASHER	4	FW3-10
28	AN3 3/16" NYLOC	2	008-125
29	M5 x 45 HEX BOLT	2	FBM5-45

27A - CUT LENGTH:	GTR 5975mm	QUIKR 5780mm
27B - CUT LENGTH:	4635mm	4500mm

NOTE: STARS SYSTEM REQUIRES T.E. SHIFT CABLE ASSY IN ORDER TO FUNCTION. SEE MOD M252 ADJUSTMENT & FITTING INSTRUCTIONS.

SEE DWG YQF-050 FOR T.E. SHIFT CABLE & ROCKER ASSEMBLY
 USE T.E. SHIFT CABLE:
 YQE-0511 FOR QUIKR (315mm(+5/-0))
 YQF-0511 FOR GTR (305mm) (WAS YQD-0511, 283mm)
 YQF-0512 FOR PULSR (283mm)

STARS ASSEMBLY WITH ROLL TRIM



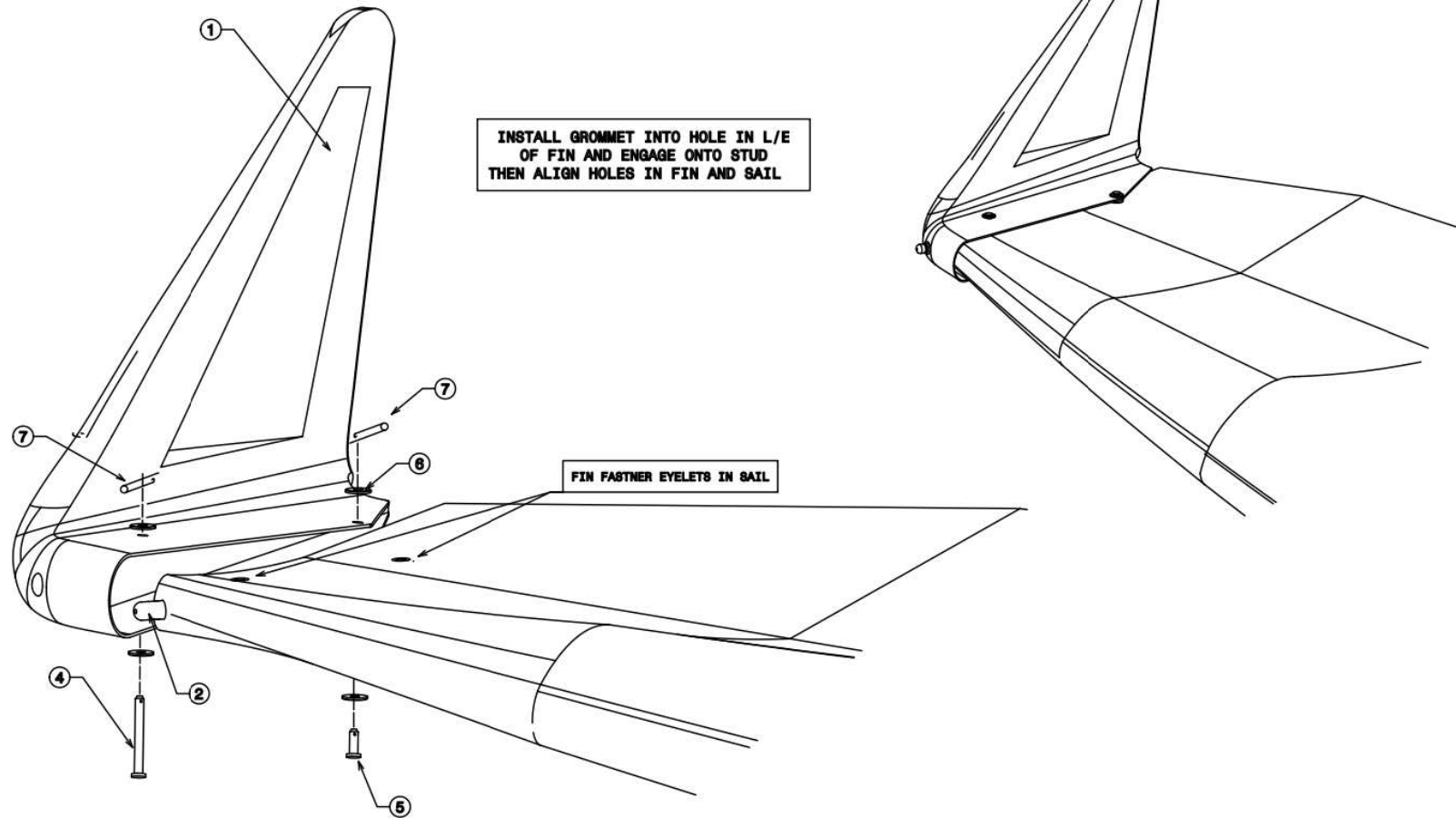
STARS ASSEMBLY WITH ROLL TRIM

ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	M5 NYLOC NUT 'T' TYPE	5	FNM5-NT
2	28MM SINGLE BALL RACE BLOCK WITH SWIVEL	3	RP-22
3	3MM HIBRITE RED/YELLOW	10MTR	VNR-RD3
4	STARS BRIDLE	1	YQE-0903
5	DOUBLE MAST TANG R.TYPE	2	RT-DMT
6	5MM SPACER	2	ZSP-023
7	GTR WASHOUT ROD TO TIP CABLE	2	YQF-093
8	M5X13 SOC HD CAPSCREW	4	FCM5-13
9			
10	5MM SHOCK CORD (WHITE/BLUE)	1.5MTR	VSC5-001
11	CABLE TIE (BLACK-SMALL) 140MM X 3.6MM	6	HTW-002
12	M6 X 25 SOCKET BUTTON (ZINC PLATED)	2	FMSB6-25
13	QUIK GTR LEADING EDGE ASSEMBLY (ISSUE H)	1L,1R	YQF-020
14	QUIKR LEADING EDGE ASSY. LEFT & RIGHT PAIR	1L,1R	YQE-020
15	BECKET SEWN INTO SAIL		
16	M5*35MM HEX HT BOLT	1	FBM5-35
17	5.3 X 15 X 1.2MM PLAIN WASHER BZP	4	FW3-10
18	M5*45MM HEX HT BOLT	1	FBM5-45
19	PULLEY WHEEL YF-000 20MM	1	RP-10
21	CONTROL FRAME TANG	2	ZMS-177
22	M5 * 25 HEX HT BOLT	1	FBM5-25
23	M6*25MM HEX HT BOLT	1	FBM6-25
24	1/4 T4LP WASHERS"	2	FW4-T4
25	M6 NYLOC NUT 'T' TYPE	1	FNM6-NT
26	DECK EYE (EA) (05.31)	6	RM-1
27	3MM BLUE DYNEEMA BRAID	A/R	VNR-009
28	WASHOUT ROD CABLE (QUIK R)	2	YQE-0293
29	10MM S/S O/D DOUBLE SAFETY RING	6	FPSR-005
30	PULLEY BLOCK (18MM MICRO SINGLE)	1	RP-4

TIP FIN ASSEMBLY

RH TIP FIN ASSEMBLY

ASSEMBLED VIEW



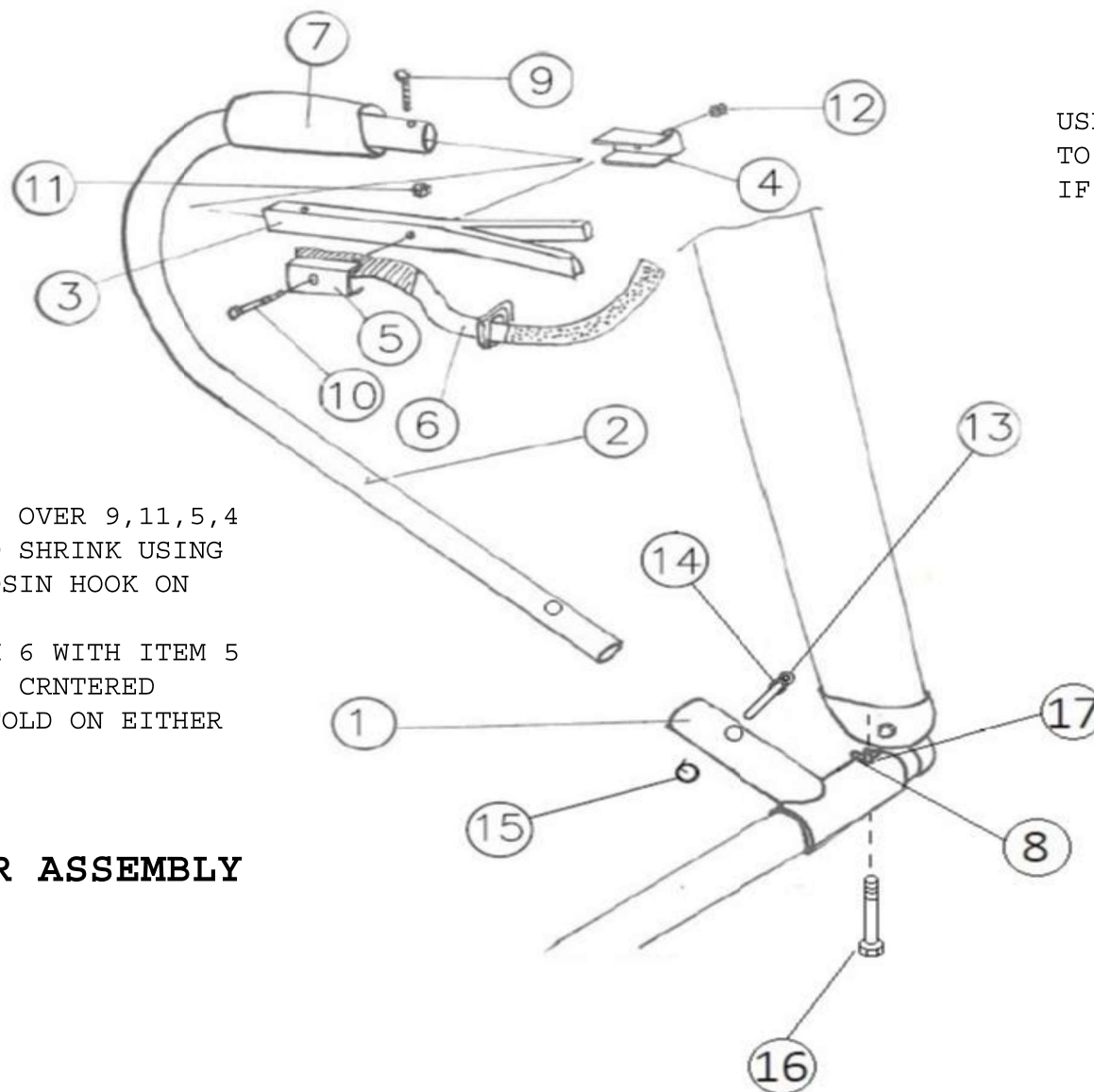
ITEM 2 ONLY APPLIES TO AIRCRAFT
PREE M233.

FASTEN INTO END BUNG SECURING
THROUGH EYELET IN SAIL L/E

ASSEMBLY OF RH FIN REPRESENTED
ASSEMBLY OF LH FIN IS IDENTICAL

TIP FIN ASSEMBLY

ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	TIP FIN L/H OR R/H	2	YQD-081/082
2	19mm Spacer	2	ZSP-039
3	Removed		
4	6x50mm CLEVIS PIN	2	FPCP-011
5	6x16mm CLEVIS PIN	2	FPCP-010
6	6.1 X 16 X 1mm PLASTIC WASHER	8	FWP-013
7	SAFETY PIN	4	FP-003



USE SILICONE SPRAY
TO INSERT 3 INTO 2
IF NECESSARY

NOTE: SLIDE ITEM 7 OVER 9,11,5,4
AFTER ASSEMBLY AND SHRINK USING
HEAT GUN ONLY EXPOSIN HOOK ON
ITEM 4
WHEN CLAMPING ITEM 6 WITH ITEM 5
MAKE SURE STRAP IS CRNTERED
PROPERLY SO THAT FOLD ON EITHER
SIDE ARE THE SAME

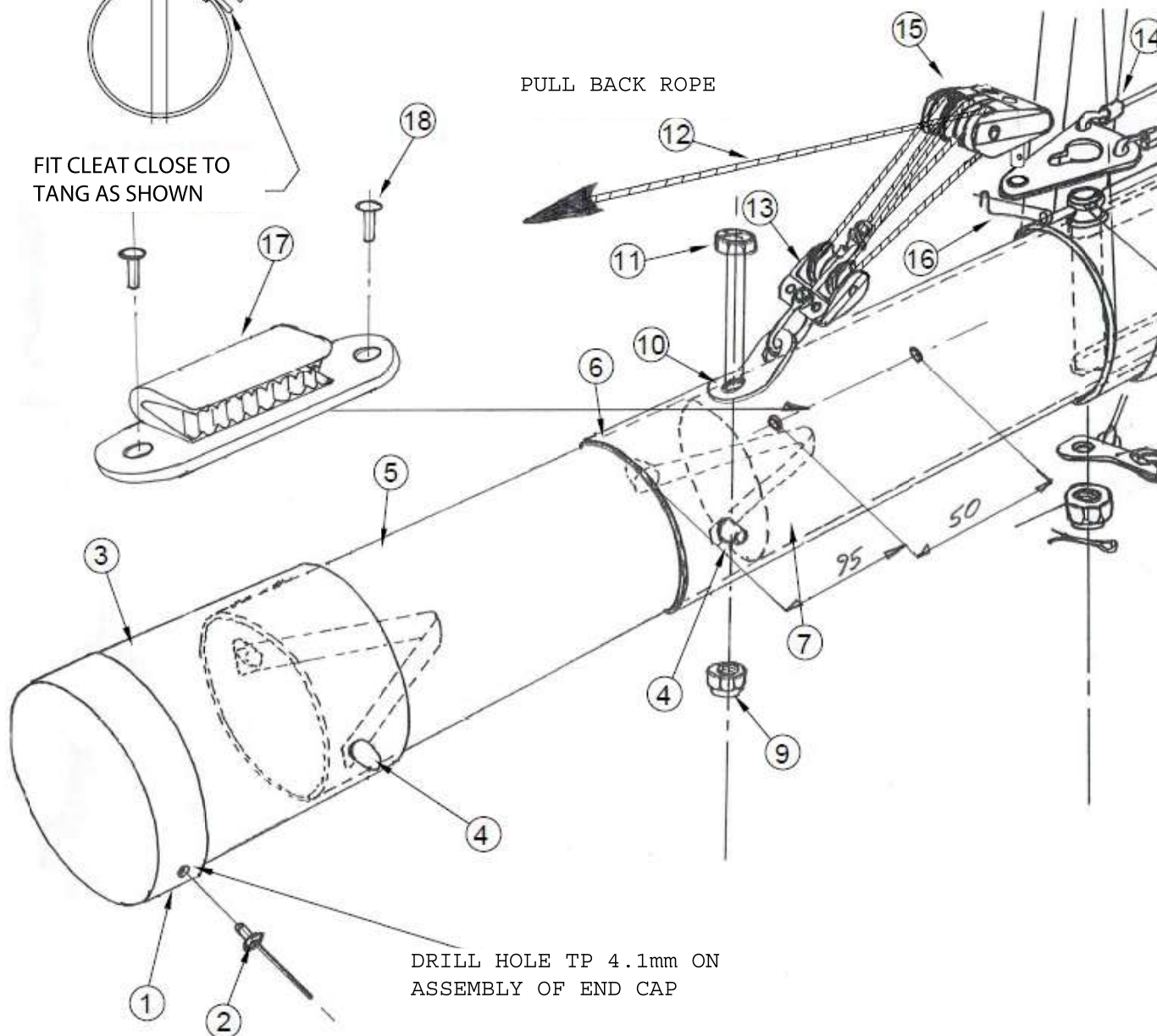
INSTRUCTOR BAR ASSEMBLY

INSTRUCTOR BAR ASSEMBLY

ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	QUIK TRAINING BAR 'T' PIECE	2	YQC-068
2	QUIK TRAINING BAR HANDLE	2	YQC-067
3	TRAINING BAR UPPER MOUNT	2	ZMP-129
4	QUIK TRG BAR HOOK	2	ZMS-318H
5	QUIK TRG BAR WASHER	2	ZMS-318
6	QUIK TRAINING BAR STRAP	2	YQC-069
7	BLACK SHRINK SLEEVE	150mm	019-115
8	SAFETY RING	2	FPSR-001
9	M5 x 30 HEX HEAD BOLT	2	FBM5-30
10	M6 x 30 HEX HT BOLT	2	FBM6-30
11	M5 NYLOCK 'T' TYPE	2	FNM5-NT
12	M6 NYLOCK 'T' TYPE	2	FNM6-NT
13	WHIZ PIN -SHORT	2	FPWP-001
14	6mm SKIFFY RING	2	PMC-SB6
15	19mm SAFETY RING	2	FPSR-001
16	AN4-16 A/C HEX BOLT	2	AN4-16
17	1/4" UNF WING NUT	2	FNU4-WN

REAR VIEW

KEEL RIGGING STRUT ASSEMBLY



KEEL RIGGING STRUT ASSEMBLY

ITEM NUMBER	DESCRIPTION	UNITS PER ASSEMBLY	PART NUMBER
1	END CAP (YELLOW)	1	PEC50-001
2	4mm x 8mm ALLY POP RIVET	1	FR4-8-002
3	RIGGING TOOL EXT TUBE-OUTER	1	YQC-016
4	DBLE. BUTTON PIN MK2	2	FPBP-002
5	RIGGING TOOL EXT TUBE-INNER	1	YQC-015
6	RIGGING TOOL SLT TUBE-OUTER	1	YQC-013
7	RIGGING TOOL SLT TUBE-INNER	1	YQC-014
9	M6 NYLOC NUT 'T' TYPE	1	FNM6-NT
10	5/16 HOLE LIGHT DUTY TANG	1	RT-185
11	M6x60mm HEX HT BOLT	1	FBM6-60
12	6mm BRAIDED CORD	6m	052-091
13	TWIN PULLEY BLOCK	1	RP-9
14	PULL BACK RESTRAINT CABLE	1	YQD-032
15	MODIFIED TRIPLE PULLEY BLOCK	1	RP-8-M
16	SAFTEY PIN	1	FP-003
17	JAM CLEAT	1	CL-212
18	RIVET	1	FR6-12-003