

Service Procedure to replace the boom rest cross brace for all TF model MEWP

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Applicable Vehicles: Redmond Gary TF13m, TF14m, TF16m and TF17m

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Overview: This procedure outlines the actions required to correctly replace the bracing member of the TF model’s existing boom rest.

*Ensure all of this work is carried out in a safe working environment.
 All work is to be carried out by a competent tradesperson.*

Parts & Equipment

Required: Safety Glasses & relevant PPE,
 Gas shielded welding equipment,
 New parts as provided by Redmond Gary:

New parts as provided by Redmond Gary:

Part Number	Description	Quantity
15A010	TF Boom Rest Cross Brace	1

1 Introduction

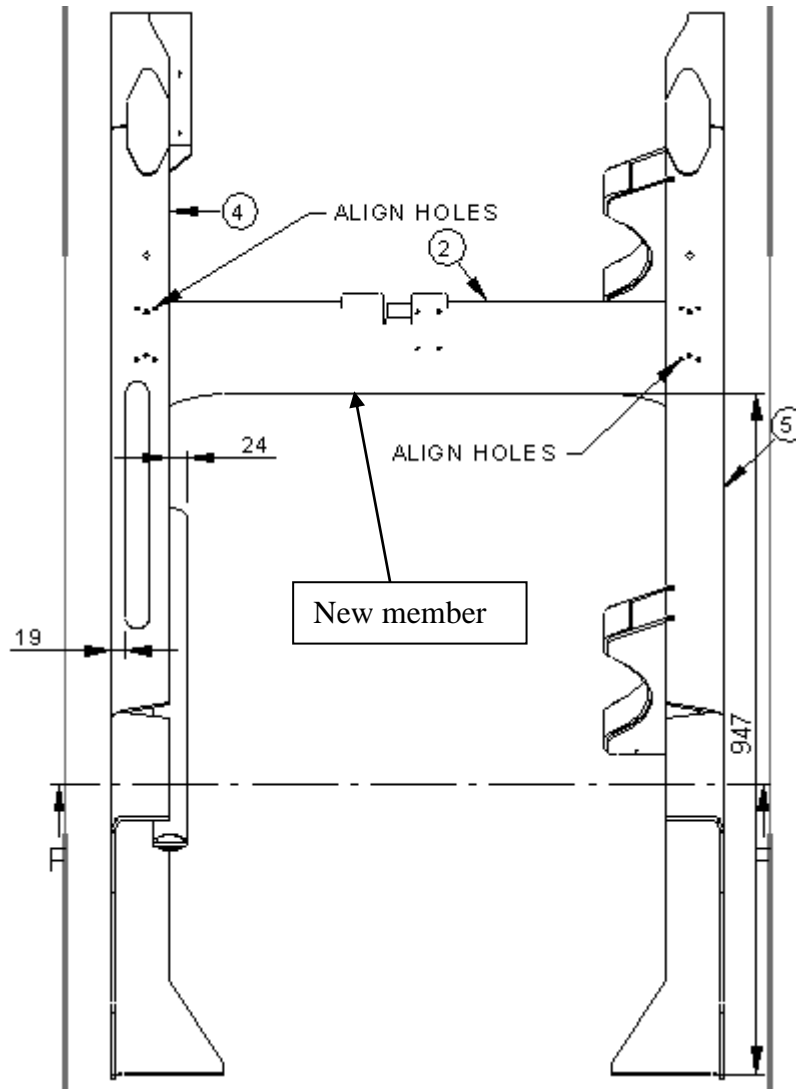
The existing Boom Rest bracing member is shown in Figure 1.



Figure 1 – Boom Rest bracing member

2 Procedure

- 1) Remove all objects that may be damaged by grinding or welding in the cracked area of the existing bracing member,
- 2) Grind the current bracing member welds off (to the parent material), ensure the surface is suitable for welding,
- 3) Align the holes in 15A010 with the holes in 15A253 and 15A254,
- 4) Perform 6mm continuous fillet SP welds between 15A010, 15A253 and 15A254,
- 5) Weld the new member as per the drawing below,
- 6) Visually inspect the welds to ensure that SP requirements are met as per AS1554.1 – 2011.



Item	Dwg No.	Rev	Drawn	Description	Material Size	Material	Qty
1	15A009	C2		Tie Down Boss	Round Bar Ø27	Steel AS 3679.1	1
2	15A010	C		TF Boom Rest Cross Brace	Plate 6mm	Steel AS 1594/3678-350	1
3	15A087	A		Grab Handle	Pipe Ø25 NB x Ø33.7 x 3.2T	Steel AS 1163-250	1
4	15A253	A3		TF Boom Rest Folding Kerb Side	Plate 6mm	Steel AS 1594/3678-350	1
5	15A254	A3		TF Boom Rest Folding Drivers Side	Plate 6mm	Steel AS 1594/3678-350	1
6	15A256			Boom Rest Doubler Plate Top	Plate 6mm	Steel AS 1594/3678-250	2
7	15A257	A		Accumulator Mt. Bracket Top Plate #1		Plate 5 mm AS 3678-250	1
8	15A258	A		Accumulator Bracket Bottom Plate 1		Plate 5 mm AS 3678-250	1
9	15A259	A		Accumulator Bracket Top Plate 2		Plate 5 mm AS 3678-250	1
10	15A260	A		Accumulator Bracket Bottom Plate 2		Plate 5 mm AS 3678-250	1
11	15A261	A		Accumulator Mounting Bracket Middle	Plate 6mm	Steel AS 1594/3678-250	2
12	93D_006_0048_300BL		No	Standard Round Bar	Round Bar Ø6 x 48L	Steel AS 3679.1	1
13	93K_030_030_03_0100_300BL		No	Standard Angle	Angle 30H x 30W x 3T x 100L	Steel AS 3679.1	4
14	93L_048.3_02.9_0515_350BL		No	Standard Pipe	Pipe Ø40NB x Ø48.3 x 2.9T x 515L	Steel AS 1163-300	1

Figure 2 - Representation of new member location – The member is to be welded 6mm S.P. fillet weld

If you are unsure of any instructions please ask.