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Safe Working Procedure for Fitment of Push-Pull Frame Track Extension inside the Extension Boom

Vehicles Affected: Redmond Gary TF16M and TF17M Elevating Work Platforms (EWPs) as inspected or advised

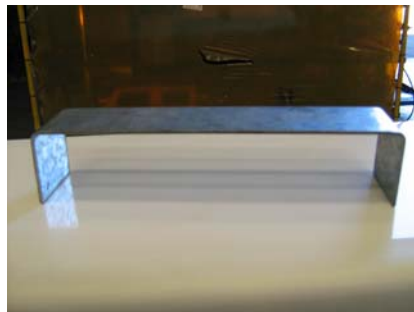
Issue Date: 26 November 2009

Overview: This procedure outlines the actions required to extend the track for the push-pull frame located inside the Extension Boom to prevent any chance of the frame rolling off the end of the track.

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

Parts & Equipment Required:

- Tape Measure or 150 mm Ruler
- Work Light
- 4" Grinder
- 4" Grinding Disc
- Mig Welder
- Zinc Paint
- Scriber or Pencil
- Welding Gloves
- Safety Glasses
- Hearing Protection
- Appropriate Welding Apparel
- Scissor Lift or Work Platform
- Track Extension Folding as provided by Redmond Gary:

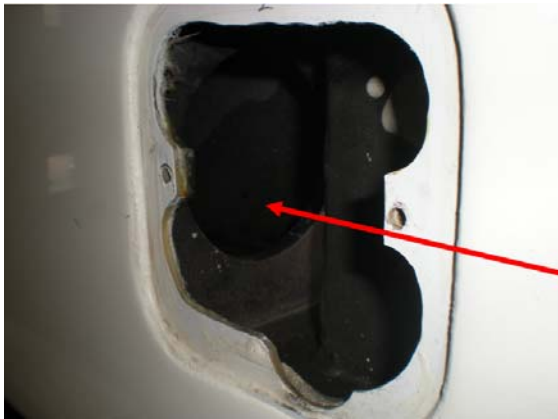


Step 1:

Extend the extension boom out enough to access the covers on the sides, nearest to the fly end of the boom. Remove the square-shaped side covers on both sides to allow access for installing the folding. Identify the existing push-pull frame track, located on the bottom of the Extension Boom.



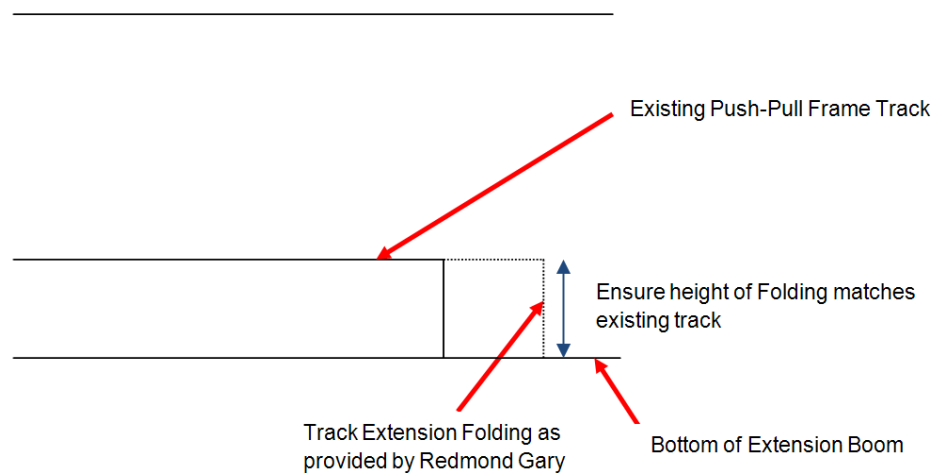
Remove square-shaped side covers on both sides



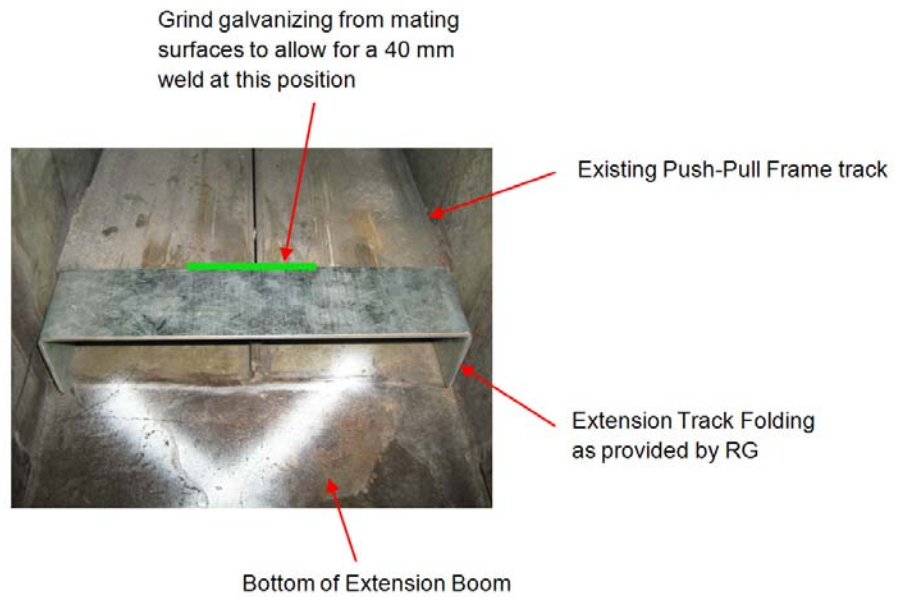
Access to Push-Pull Frame Track is via this hole

Step 2:

Measure the distance from the top of the existing track to the floor of the boom. Pass the folding through the access cover and position it as shown. Check its height against the existing track. Adjust the height of the folding to prevent any step up or down when the push-pull frame is extended along the length of the track.

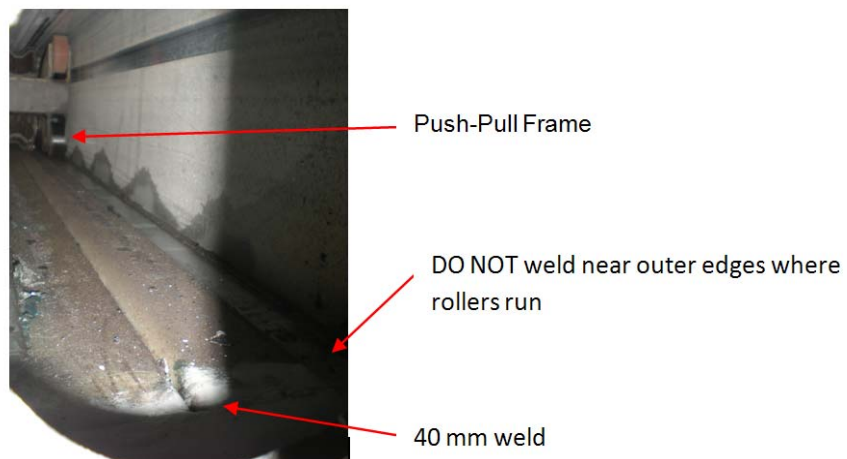


Step 3: Once the height has been set and the folding is ready to be positioned into place, remove the galvanising from the top surface of the track in the middle about 40 mm in length for the weld to adhere to whilst also grinding the mating surface on the track extension folding.



Step 4: Place the track extension folding into position and double check the top is as close to the original track as possible.

Step 5: The track will need to be welded into position to prevent movement. Lay one continuous weld 40 mm in length along the centre of the folding to attach it to the original track. **Do not weld the outer edges as this where the rollers run.**



Step 6: If deemed necessary, a tack weld can also be placed on each front corner to prevent the folding from lifting, although this is unlikely.

Step 7: After welding is complete, clean the surfaces and paint all unprotected areas with Zinc Paint to prevent rust occurring in the future.

If you are unsure of any instructions please ask.

Regards,

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