

Request 14:

14. Describe all quality assurance measures (including job instruction, tool set-up requirements, quality check worksheets, layered audits, and metallurgical evaluation) that are taken to ensure a properly welded hitch receiver assembly and/or a properly mounted hitch receiver assembly to the vehicle. Provide details on the assembly process for the frame rails and the hitch - including work instructions, weld specifications, torque specifications, paint specifications, etc.

Response:

The assembly process of the frame extensions and hitch receiver occurs in this order:

- 1) Incomplete Motorhome chassis is received from Ford Motor Company.
- 2) The chassis is delivered to MORryde, an independent company and supplier to the RV Industry, to be prepped, which includes installing trusses, heatshields, and weldments.
- 3) The rear frame extensions are welded to the rear of the chassis frame rails. MORryde follows Ford Body Builder Guidelines to add the frame extensions. See Appendix 1, Page 35. The holes for the hitch attachment are already in the frame extensions before they are welded to the chassis.
- 4) Once the welding is complete, MORryde then paints the added steel and welded components black.
- 5) The chassis is returned to the appropriate TMC manufacturing location.
- 6) During motorhome assembly, the hitch receiver is bolted and torqued into place on the motorhome per Standard Work Instructions SW 00005, which are included in Appendix 2.

Source: TMC Engineering

This information was gathered on October 10, 2024.