

Category: Recommended at next Microdomer service (only applicable to Microdomers pre-dating 2012).

Benefits to Customers:

- Increases the service life of the Microdomer by reducing downtime.
- Lessens the risk of damage to the fasteners securing the Microdomer to the Dome Door.

Summary:

CarnaudMetalBox Engineering Ltd recommends the implementation of Special Studs with M12 nuts & M16 nuts and washers in place of M12 hexagon head bolts when securing the Dome Door. These studs are fastened with an M12 nut at the front and an M16 nut and washer at the back and torqued to the value of 102Nm. This is an improvement on the hex head bolts as it does not apply torsional stress to the stud, which avoids potential premature failure of the fasteners. It is possible to convert existing Microdomers.

- The replacement of the M12 hex head bolts with the special studs will require modification of the Front Plate Assembly and Rear Plate Assembly. Modified parts can be included when upgrading via this Technical Bulletin.
- To maximise performance and machine life, CarnaudMetalBox Engineering Ltd recommends single use of all threaded fasteners (excluding special studs) when re-assembling the Microdomer.

