

MARKFORGED

COMPOSITE MACHINE SERVICE LIST

Note: Build quantities are approximate, and service intervals may vary based on part size, geometry, and other variables.

ALL UNITS

WHEN REQUESTED/AVAILABLE:

- Perform Firmware Update when prompted
- Perform System Restarts when prompted

ALL UNITS

AFTER EVERY RUN:

- Clear Bed
- Reapply glue where needed on Tru-Bed
- Check material quantities
- Check Fiber quantities
(Only applicable on Fiber equipped units (Onyx Pro, Mark Two, X5, and X7))

ALL UNITS

AFTER EVERY 5 RUNS:

- Run Wet Plastic Purge
- Run Bed Level Test Print

ALL UNITS

AFTER EVERY 10 RUNS:

- Clean Bed fully and reapply glue
- Perform Bed Level Utility
(Shim Bed Level for Desktop units/Laser Bed Level for Industrial units)
- Perform Fiber Nozzle Offset Utility
(Only applicable on Fiber equipped units (Onyx Pro, Mark Two, X5, and X7))

ALL UNITS

EVERY 500 HOURS:

- Tension Belts

ALL UNITS

EVERY 3200CC OF MATERIAL:

- Replace Onyx Nozzle
- Replace Onyx Bowden
- Replace Onyx Feed Tube
- Perform Bed Level Utility
(Shim Bed Level for Desktop units/Laser Bed Level for Industrial units)
- Perform Fiber Nozzle Offset Utility
(Fiber Equipped Units (Onyx Pro, Mark Two, X5, and X7))

EVERY 750CC OF FIBER:

Only Applicable on (Onyx Pro, Mark Two, X5, and X7)

- Replace Fiber Nozzle
- Replace Fiber Bowden
- Replace Fiber Feed Tube
- Perform Fiber Nozzle Offset Utility

EVERY 3 MONTHS:

ONYX PRO AND MARK TWO

- Perform Fiber Nozzle XY Offset Utility

X5 AND X7

- Perform Laser Guided Offset Utility

ALL UNITS

EVERY YEAR:

- Grease Linear Bearings (requires Metal X service kit)
- Clean and regrease Z lead Screw (requires Metal X service kit)
- Inspect Cable Chain Slider, replace if needed