AlephObjects.com
3D Printers, Parts, and Plastics

+1-970-377-1111
shop@alephobjects.com
626 West 66th Street
Loveland, Colorado 80538

ALEPH OBJECTS® INCORPORATED

Service Bulletin

Affected product:

TAZ 3D printers, version 4

Effective date:

October 6 2014

Serial numbers affected:

KT-PR0016-6575 through KT-PR0016-6899

Service issue:

The hobbed bolt teeth can potentially flake off, and enter the melting chamber of the hot end leading to a partially obstructed nozzle. This was due to a change in manufacturers and has since been corrected. This will only apply to a small number of users, as the effected hardware count is minimal.

Indication:

Some users during the first 2-3 prints may encounter intermittent extrusion or curling of the filament when extruding into the air. Extruding by hand with the extruder idler open may not be possible or may be minimal. Perform the following troubleshooting steps:

1. Bring the hot end up to extrusion temperature (ABS/HIPS: 230; PLA: 180).
2. Loosen the two extruder tensioning screws, lift up the screws and lower the hinged idler.
3. Once at the proper extrusion temperature push the filament into the hot end to verify filament extrusion at the nozzle.
4. If your TAZ 3D printer is extruding normally, you are not affected.

Corrective Action:

If extrusion does not occur, or is minimal proceed with the following corrective steps. If you do not feel comfortable doing so or have any questions contact the support team by sending an email to Support@LulzBot.com.

1. Remove the nozzle following the procedure outlined in the TAZ user manual (p110).
2. With the nozzle off and the hot end set to 175C, manually extrude 200mm of filament through the hot end.
3. Soak the nozzle in acetone if using ABS or boil the nozzle in hot water if using PLA.
4. Install the nozzle following the instructions in the user manual.
5. Perform a test print.