

TOSHIBA

Toshiba 60th Series Manual

Analog copiers, the disputable

1
2
3
4
5
6

--

•

Bookmarks

--

[Download this manual](#)

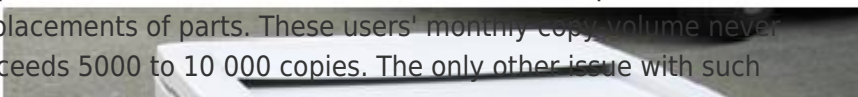
Quick Links



TOSHIBA THE 60

Following the Toshiba 1360/70 copier, reviewed in the previous article, comes the Toshiba 1550 copier. As mentioned in the title, this is a much disputed model – some technicians love it, others hate it. But nevertheless this is one of the most common copiers in East Europe (in Bulgaria for sure). This model is situated in the upper segment of the lower class copiers and so is designated for small to middle offices and not for copy and print centers. So the problem with this model arises when users try to overwork it. In my practice as a service technician I have had both good and bad experience with this model.

There are users that never had any issues with the copier, other than the usual maintenance and periodical replacements of parts. These users' monthly copy volume never exceeds 5000 to 10 000 copies. The only other issue with such



machines is the dusty environment they often operate in, which causes periodical cleaning to be performed twice as often as the normal interval of 60 000 copies. So the conclusion is that if users don't overwork their machines and provide them with regular maintenance, they will serve them longer, causing less trouble to the service technician that maintains them. Even more – given the proper maintenance the consumable replacement parts such as drums, heat rollers etc. can "live" up to twice the copy count given by the manufacturer. This is the case with the happy technicians mentioned above.

However there are cases when everything that can go wrong with this model does. This is the case with machines often overworked and poorly maintained. Such machines often operate in poor conditions (dust, humidity, etc.) and are used in copy centers. They age very quickly and the mechanical parts wear very quickly too. Given the fact that many of the parts in the machine are made of plastic (a negative tendency fully developed in later e-Studio models), all this issues are a "recipe for disaster".

The good news is that if one knows the weak points of the machine and the most common places to search for wear and clean during periodical maintenance, the copier will work reliably and you will come to like this controversial model. The most common weak spots and failures of the model will be discussed in the articles to come. But first let me once more emphasize the importance of periodical maintenance and the preventive inspection check – this is the main goal of this article.

TH

SERIES ANALOG COPIERS – THE DISPUTABLE TOSHIBA 1550 COPIER PERIODICAL MAINTENANCE – USEFUL PRACTICES

The

manufacturer

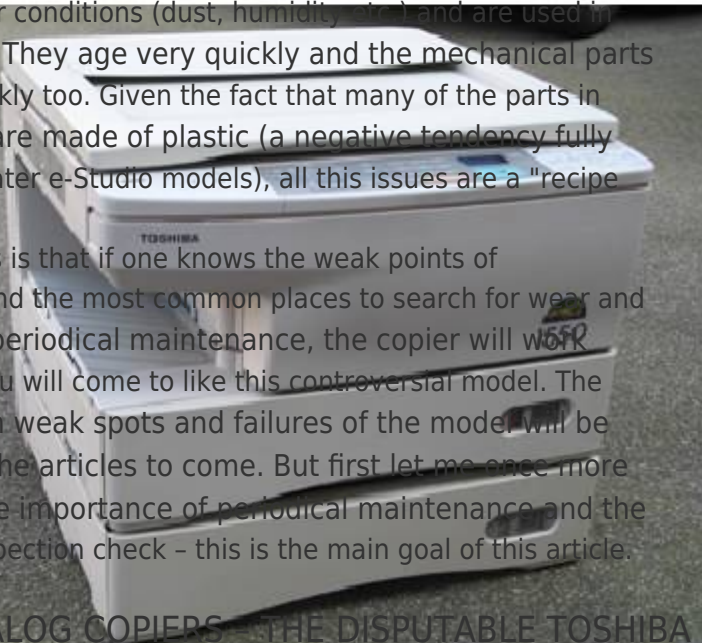
maintenance to be performed at 60 000 copies, which is also the recommended service-life of most of the consumable parts in the copier:

Inspection every 60,000 copies

(1) Preparation

- 1) Ask the key operator about the present machine conditions and note them down.
- 2) Before starting the maintenance work, make and retain a few sample copies for later comparison.
- 3) Turn off the power switch and disconnect the power cord plug.

(2) The period inspection should be conducted in accordance with the PERIODIC INSPECTION CHECK LIST shown below. Perform the inspection by referring to the figures, as well as to the explanations in the Service Manual of the machine when necessary.



(3) After the inspection has been completed, plug in the machine and turn the power switch on, and confirm the general operation of the machine by making a few copies and comparing them to those made previously.

Inspection and over-haul every 180,000 copies

(1) Replace all the consumables.

(2) Check to see if there is any damage to parts of the drive section (gear, pulley, timing belt, etc.). Replace parts on principle if damaged.

(3) Check to see if there is any damage or peeling of adhered parts (tape, Mylar, etc.). Replace any affected parts.

(4) Check to see if all the switches and sensors operate properly. Replace them if they are not operating properly.

(5) Clean the inside of the machine thoroughly.

Symbols used in the Periodic Inspection Check List:

recommends

the

periodical



[Next Page](#)

1
2
3
4
5

Related Manuals for Toshiba 60th Series

[Copier Toshiba 60TH Series Manual](#)

Analog copiers - the middle class (33 pages)

[Copier Toshiba 60th Series Manual](#)

Analog copiers - detachable options (32 pages)

[Copier Toshiba 1550 Service Manual](#)

(213 pages)

[Copier Toshiba 1550 Service Handbook](#)

Plain paper copier paper feeding unit (63 pages)

[Copier Toshiba 1550 Operator's Manual](#)

Plain paper copier (31 pages)

[Copier Toshiba e-STUDIO 550 Service Support Manual](#)

Digital plain paper copier (84 pages)

[Copier Toshiba e-studio 550 Operator's Manual](#)

Operator's manual for printer function (36 pages)

[Copier toshiba e-studio550 Service Manual](#)

Digital plain paper copier (346 pages)

[Copier Toshiba e-STUDIO 550 Service Manual](#)

Digital plain paper copier (19 pages)

[Copier Toshiba 8070 Service Manual](#)

Digital plain paper copier (379 pages)

[Copier Toshiba e-studio 55 Operator's Manual For Copying Functions](#)

Digital plain paper copier (179 pages)

[Copier Toshiba E.Studio 55 Operator's Manual](#)

Digital plain paper copier (138 pages)

[Copier Toshiba 5560 Operator's Manual](#)

Plain paper copier (150 pages)

[Copier Toshiba 65/5560 Service Handbook](#)

Plain paper copier (75 pages)

[Copier Toshiba e-STUDIO 2010AC Operator's Manual](#)

Multifunctional digital color systems /multifunctional digital systems (72 pages)

[Copier Toshiba e-studio2309a User Manual](#)

(236 pages)

Summary of Contents for Toshiba 60th Series

Page 1 TOSHIBA THE 60 SERIES ANALOG COPIERS – THE DISPUTABLE TOSHIBA 1550 COPIER PERIODICAL MAINTENANCE – USEFUL PRACTICES Following the Toshiba 1360/70 copier, reviewed in the previous article, comes the Toshiba 1550 copier. As mentioned manufacturer recommends periodical in the title, this is a much disputed model – some technicians maintenance to be performed at 60 000 copies, which is also the love it, others hate it.

Page 2 1.3 Clean with dry lint free cloth mirrors 1, 2, 3, 4 and 5 as well as the expo-lamp reflector. 1.4 Clean with isopropyl alcohol the sliders A of the carriage 1 and 2. Note – be careful not to bend carriage 3, because it is mounted only to the rear side of the copier.

[Page 3](#) 2. Remove the paper tray. 2.1 Remove the blue knob A of the transfer corotron cleaning rod. 2.2 Pull the knob B, remove and clean the waste toner container. Put it back into place. 2.3 Remove the two plastic clips C, holding the pick up and feed rollers.

[Page 4](#) 3.10 Remove 3 screws and the cover A. See figure 9. 4. Cleaning the modules of the machine 4.1 Push three tabs A and remove the separation charger grid. Remove the covers B. Clean with vacuum cleaner the terminals of the corotron assembly. 4.2 Using cotton swabs moistened with window cleaner, wipe the corotron housing as well as the wires themselves.

[Page 5](#) 5. Image process unit maintenance 5.1 Unplug the connector A. First push the main charger in the direction B and the lift it careful not to scratch the OPC Drum. Pull out the assembly in direction C. 4.5 Remove screws A and B and pull out the fuser cleaning 5.2 Lift the tabs D and unplug connector E.

[Page 6](#) 5.5 Remove the main charger grid by applying force in direction A. Clean the grid by washing it with window cleaner fluid. Note – when drying it watch for small particles remaining on the grid. Brush them off if necessary. 5.6 Using cotton swabs with window cleaner wipe the charger's housing and the wire itself.

This manual is also suitable for:

1550