

TK 286

Maintenance Guide



This Service Guide is designed as a reference tool to help pinpoint service needs of the Wessel-Werk TK 286 Turbo Brush.

Required Tools

- #10 Torx Screw Driver



- Medium Flat Head Screw Driver

Common Spare Parts

- Brush Assembly Complete
- Geared Belt
- Front Wheel with axel
- Rear Wheel with Axel
- Clean-out door
- Pivot Arms

Warning!

- Do not over tighten screws as screw holes can become stripped.
- When refastening screws always use the original thread pitch of the screw hole. Failure to use the original screw orientation will likely drill-out material and strip hole.
- Easiest way to find the original thread orientation is by counter rotating the screw before turning the screw into the hole.
- Manually replace screws! Use of a power screw driver is not recommended for reassembly.

Only Use original replacement parts!

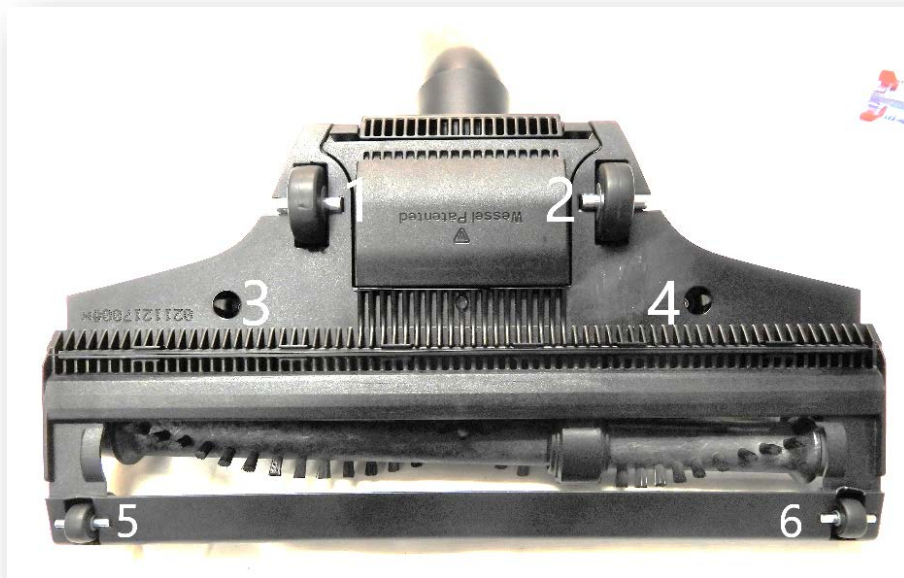
For best results- Only Use original replacement parts!

To avoid warranty invalidation only use original replacement parts!

Disassembly

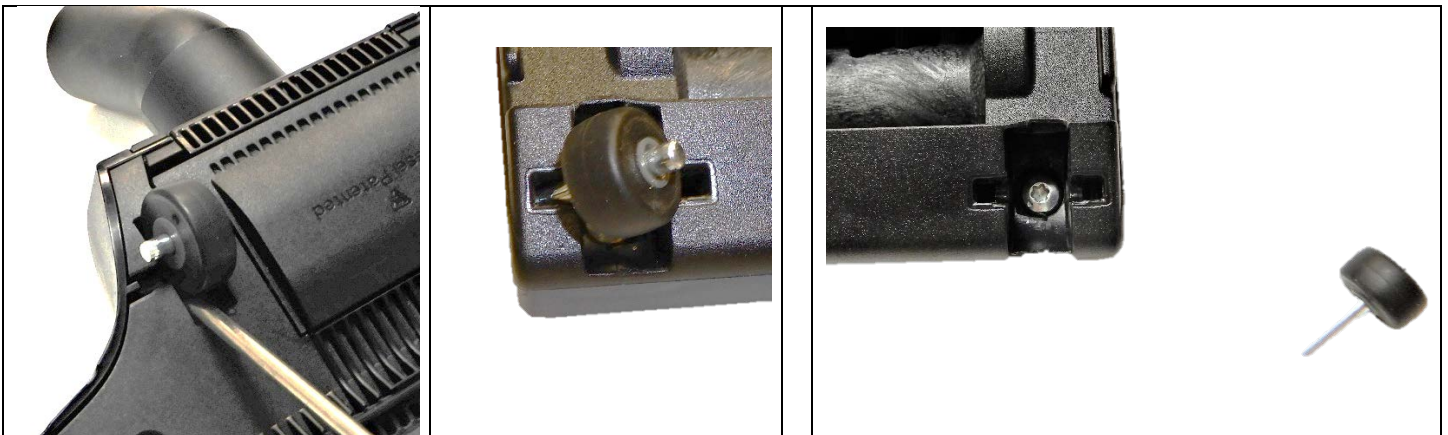
Remove the top cover

Remove 6 x #10 Torx Screws from the base.



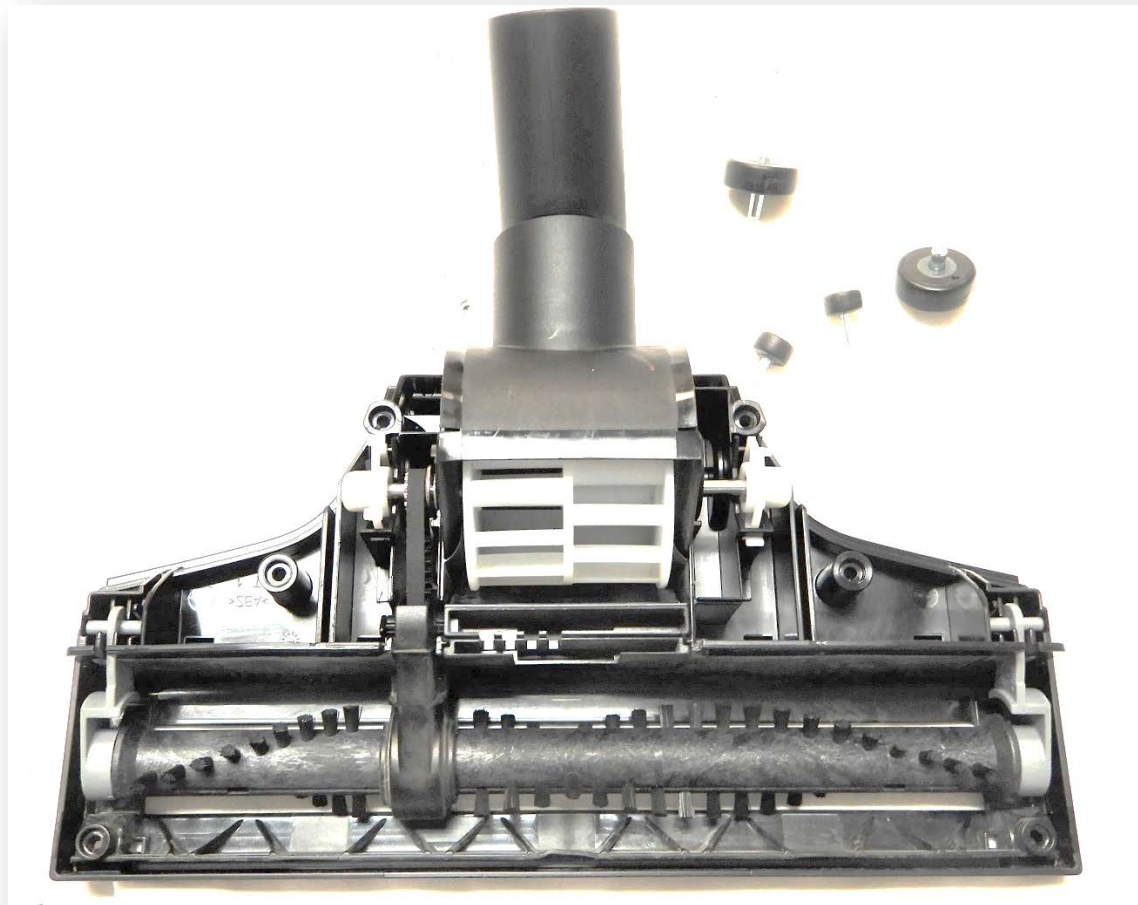
Please Note:

4 screws are 'hidden' below the wheels. To remove, simply pry-up with a flat screw driver.



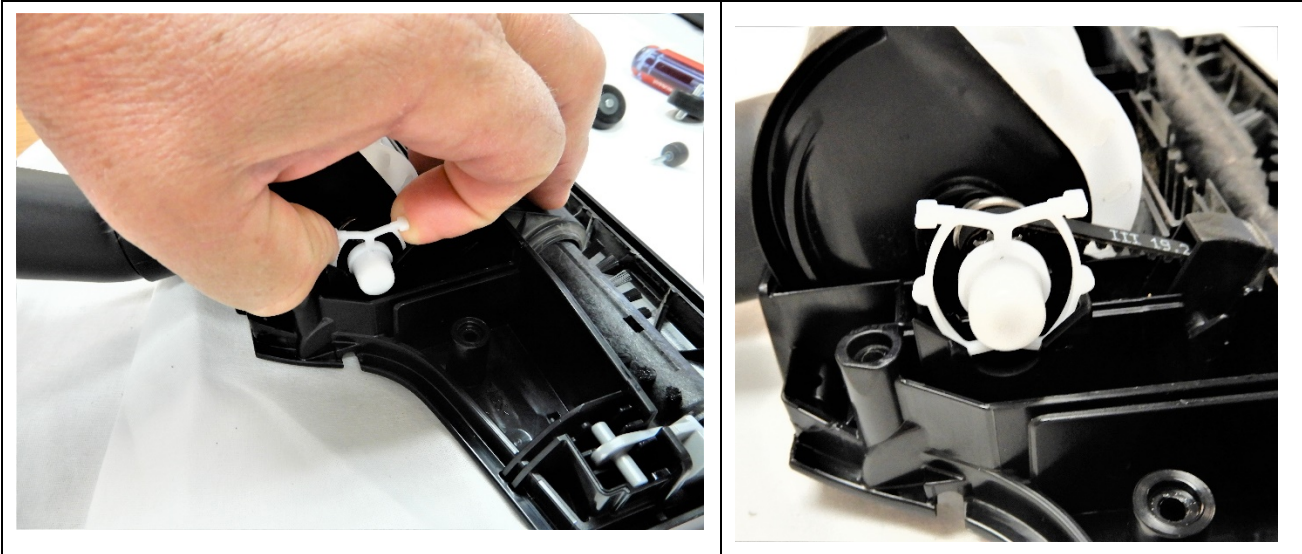
Remove the top cover:

Please note: More force than expected may be required to remove the cover. Especially in older units.



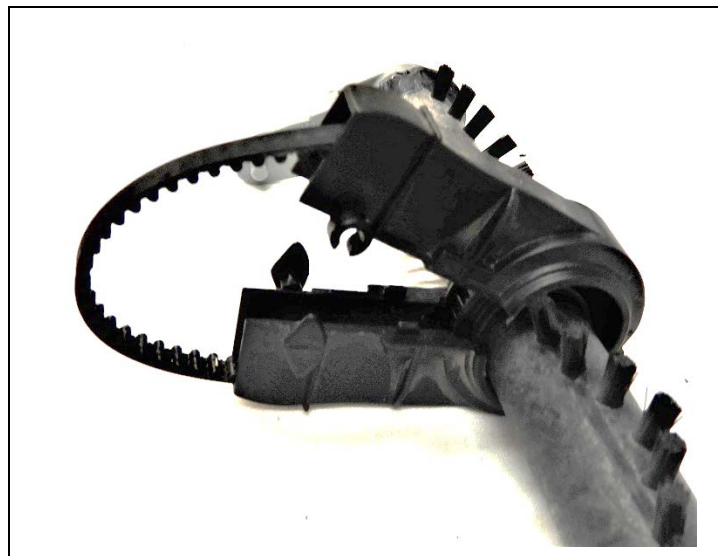
Remove Turbine/Neck Assembly:

Squeeze the roller bushing holder together to release the bushing holder from the base assembly.



Remove Belt Enclosure

Separate the belt enclosure



Dismanteling Complete

All components of the TK 286 are now accessible

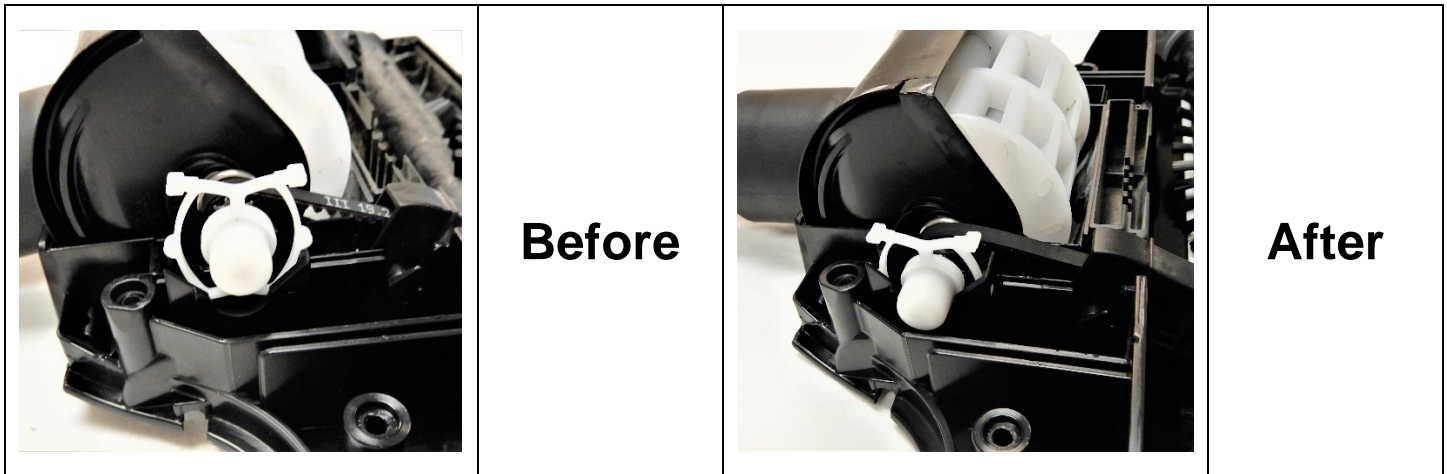


- It is recommended that the brushroll and pivot arms are replaced as a set.
- Always replace the pivot arms when replacing the brushroll

Reassembly Notes

Press Roller Bushing Holder into place

- Note orientation of Bushing assembly in after picture



Press wheel/Axel assembly into place

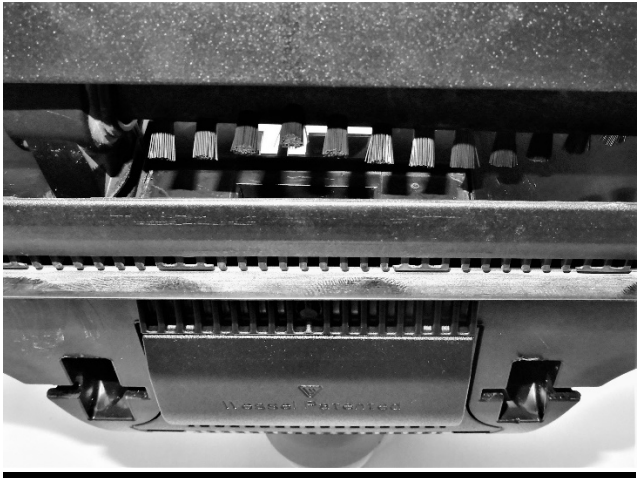
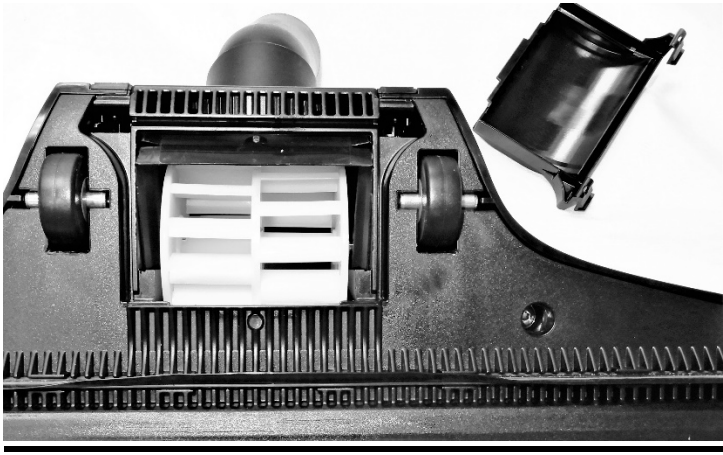

- Place Wheel axel into place, place nozzle on hard surface
- Press into place by applying pressure to the top of the nozzle(pic 4)



Troubleshooting

It is possible for the TK 286 to become clogged. This usually occurs when oversized debris are vacuumed.

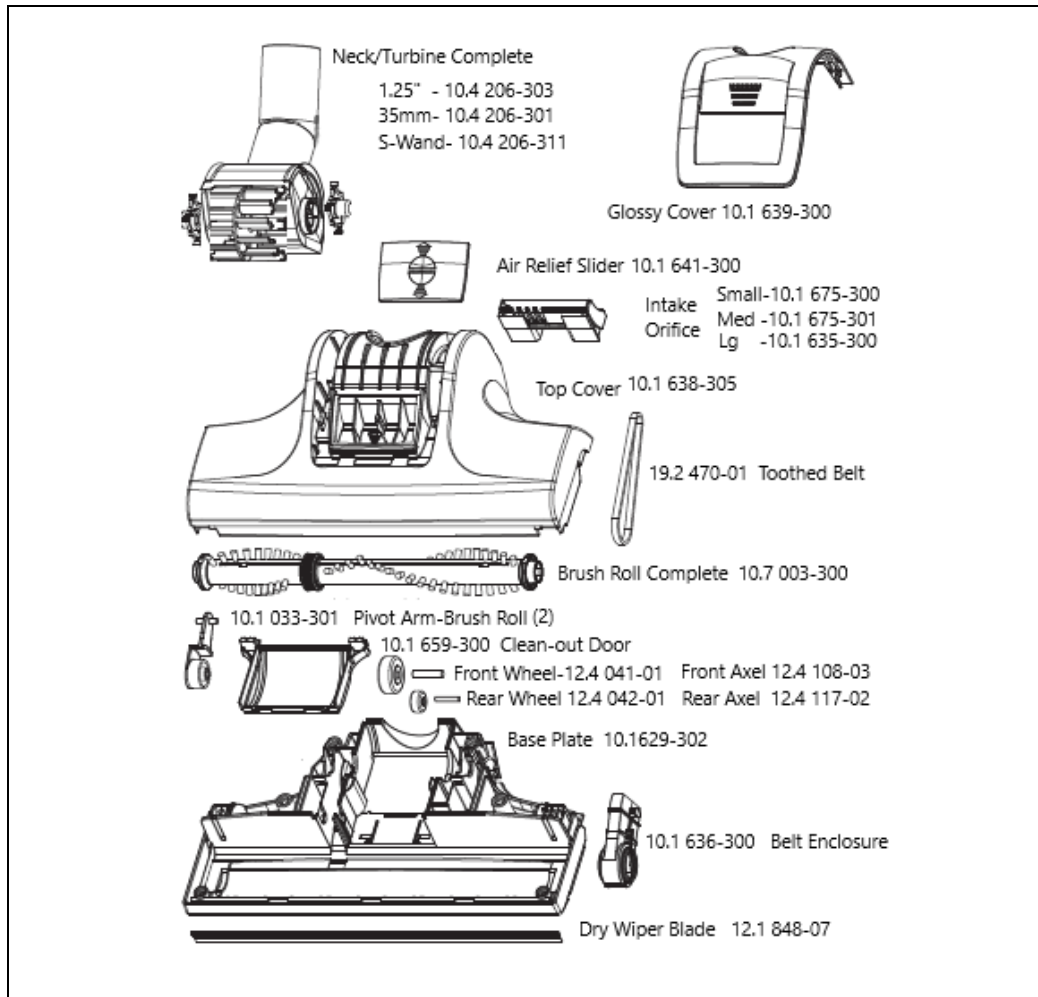
There are 3 points where clogging is possible:

	<p>Intake orifice is blocked. Access area at the bottom of the unit in the brush chamber</p>
	<p>Turbine is blocked. Remove turbine access panel / Clean-out door</p>
	<p>Neck assembly is blocked-remove wand tube</p>

Roller Brush Maintenance

- It is common for the roller brush to fill with hairs and string
- It is vital that the roller brush be cleaned frequently
- Failure to free roller brush of debris will affect performance and shorten the life of the nozzle
- Brushroll has a groove to help guide a knife or scissors down the length of the brushroll





Parts List

Description	Part Number
Top Cover	10.1 638-305
Neck Assembly 31.5mm Black	10.4 206-303
Neck Assembly 34,9mm Black	10.4 206-301
Neck Assembly 39.6mm S-Wand	10.4 206-311
Glossy Decretive Cover-Black	10.1 639-300
Air-Relief Slider black	10.1 641-300
Clean-out Door	10.1 659-300
Belt Enclosure	10.1 636-300
Base Plate	10.1 629-302
Rear Wheel	12.4 042-01
Rear Axle	12.4 117-02
Front Wheel	12.4 041-01
Front Axle	12.4 108-03
Screw	09.1 003-300
Belt	19.2 470-01
Dry Wiper Blade	12.1 848-07
Lever Arm	10.1 033-301
Brush Roll Complete	10.7 003-300
Small Orifice	10.1 675-300
Medium Orifice	10.1 675-301
Large Orifice	10.1 635-300