Heavy crocodile locomotive



Non-Printed Parts List

No.	Part name	Quantity	Color (suggested)	Notes
1.	M2.2x6.5 screw (DIN 7981)	70	N/A	
2.	5 mm white LED	6	white	Variant part (white LEDs as lamps) Use for better look
3.	1.75 mm filament piece	11	gray	Cut to length during assembly
4.	1.75 mm filament piece	2	silver	Cut to length during assembly

3D Printed Parts List

No.	Part name	Quantity	Color (suggested)	Notes
1.	TLF06N-nose-frame.stl filament: ~9 g/part	2	black	
2.	TLF06NT-nose-riser.stl filament: ~1 g/part	2	black	
3.	TLL06N-nose-floor.stl filament: ~5 g/part	2	black	
4.	TLH06-headstock.stl filament: ~6 g/part	2	black	
5.	TLM06-nose-body.stl filament: ~15 g/part	2	green	Variant part (solid nose body)
6.	TLM06P-nose-body-part.stl filament: ~13 g/part	2	(body color)	Variant part (split nose body) Two-part body, use for a different nose color
7.	TLM06F-nose-body-front.stl filament: ~2 g/part	2	(nose color)	Variant part (split nose body) Two-part body, use for a different nose color
8.	TLM06DA-nose-devices-A.stl filament: ~11 g/part	1	black	
9.	TLM06DB-nose-devices-B.stl filament: ~12 g/part	1	black	
10.	TAY01-lamp.stl filament: ~0.2 g/part	6	transparent	Variant part (3D printed lamps)
11.	TLM06R-nose-roof.stl filament: ~9 g/part	2	green	
12.	TLM06DL-comp-door-L.stl filament: ~1 g/part	4	green	

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No.	Part name	Quantity	Color (suggested)	Notes
13.	TLM06DR-comp-door-R.stl filament: ~1 g/part	4	green	
14.	TLF04NP-nose-pivot.stl filament: ~0.7 g/part	2	gray	
15.	TLB06L-brake-lever.stl filament: ~0.3 g/part	2	red	
16.	TLW01A-axle.stl filament: ~0.8 g/part	6	black	
17.	TLW01W-wheel-spkd.stl filament: ~2 g/part	12	gray	
18.	TAQ01-coupler-auto.stl filament: ~0.5 g/part	2	black	
19.	TAQ01C-coupler-cotter.stl filament: ~0.1 g/part	2	black	
20.	TLB04-brakes.stl filament: ~2 g/part	2	gray	
21.	TLF04B-frame-bottom.stl filament: ~3 g/part	2	black	
22.	TLL06-floor.stl filament: ~5 g/part	2	black	
23.	TLC061-croc-body-3-wnd.stl filament: ~15 g/part	2	green	Variant part (3 front windows)
24.	TLC062-croc-body-2-wnd.stl filament: ~15 g/part	2	green	Variant part (2 front windows)
25.	TLC06C-cockpit.stl filament: ~2 g/part	2	brown	
26.	TLS06L-suspension-L.stl filament: ~7 g/part	2	red	
27.	TLS06R-suspension-R.stl filament: ~6 g/part	2	red	
28.	TLX06X-central-box.stl filament: ~15 g/part	1	black	
29.	TLX06NB-nose-blocker.stl filament: ~0.8 g/part	2	black	
30.	TLX06XB-central-box-bottom.stl filament: ~4 g/part	1	black	
31.	TLC06CB-cabinet-bottom.stl filament: ~3 g/part	1	black	
32.	TLC06CW-cabinet-walls.stl filament: ~10 g/part	1	brown	
33.	TLC06CF-cabinet-switches.stl filament: ~2 g/part	1	silver	
34.	TLC06CT-cabinet-panel.stl filament: ~1 g/part	1	gray	
35.	TAG02-137x086-s-window.stl filament: ~0.1 g/part	4	black	Variant part (3 front windows)
36.	TAG02-137x074-s-window.stl filament: ~0.09 g/part	2	black	Variant part (3 front windows)

No.	Part name	Quantity	Color (suggested)	Notes
37.	TAG02-177x121-s-window.stl filament: ~0.1 g/part	2	black	Variant part (3 front windows)
38.	TLG061-window-set.stl filament: ~1 g/part	1	black	Set: includes parts 35, 36, 37, 45, 45 Complete window set for variant with 3 front windows
39.	TAG02-146x127-r-window.stl filament: ~0.1 g/part	4	black	Variant part (2 front windows)
40.	TAG02-177x121-r-window.stl filament: ~0.1 g/part	2	black	Variant part (2 front windows)
41.	TLG062-window-set.stl filament: ~1 g/part	1	black	Set: includes parts 39, 40, 46, 46 Complete window set for variant with 2 front windows
42.	TLC061T-croc-body-top.stl filament: ~2 g/part	2	green	Variant part (3 front windows)
43.	TLC062T-croc-body-top.stl filament: ~2 g/part	2	green	Variant part (2 front windows)
44.	TLD04-door.stl filament: ~2 g/part	2	green	
45.	TAG01-150x116-s-window.stl filament: ~0.1 g/part	2	black	Variant part (3 front windows)
46.	TAG01-150x116-r-window.stl filament: ~0.1 g/part	2	black	Variant part (2 front windows)
47.	TLC06RC-roof-center.stl filament: ~8 g/part	1	gray	
48.	TLC06RL-roof-lid.stl filament: ~5 g/part	1	gray	
49.	TLC06R-roof.stl filament: ~10 g/part	2	gray	
50.	Pantograph Module (type 1) filament: ~6 g/part	2	red	Printed and assembled as a separate module

Note: Filament usage values are estimated for PLA and may vary depending on slicer settings.

Pantograph Module (type 1) - Non-Printed Parts List

No.	Part name	Quantity (module)	Quantity (total)	Color (suggested)	Notes
1.	1.75 mm filament piece	3	6	silver	Cut to length during assembly

Pantograph Module (type 1) - 3D Printed Parts List

No.	Part name	Quantity (module)	Quantity (total)	Color (suggested)	Notes
1.	TMP01B-pant-base.stl filament: ~0.4 g/part	1	2	red	
2.	TMP01L-pant-lower-arm.stl filament: ~0.5 g/part	2	4	red	
3.	TMP01U-pant-upper-arm.stl filament: ~0.7 g/part	2	4	red	
4.	TMP01S-pant-spring.stl filament: ~0.4 g/part	1	2	silver	
5.	TMP01H-pant-head.stl filament: ~0.4 g/part	1	2	red	

No.	Part name	Quantity (module)	Quantity (total)	Color (suggested)	Notes
6.	TMP01A-pant-set.stl filament: ~3 g/part	1	2	red	Set: includes parts 2, 3, 5 Complete pantograph set

Note: Filament usage values are estimated for PLA and may vary depending on slicer settings.

File Count Summary

Model Variants

- solid nose body, white LEDs as lamps, 2 front windows
  100 parts to print; filament use: ~315 g
- solid nose body, white LEDs as lamps, 3 front windows
  102 parts to print; filament use: ~315 g
- split nose body, white LEDs as lamps, 2 front windows
  102 parts to print; filament use: ~315 g
- split nose body, white LEDs as lamps, 3 front windows
  104 parts to print; filament use: ~315 g
- solid nose body, 3D printed lamps, 2 front windows
  106 parts to print; filament use: ~320 g
- solid nose body, 3D printed lamps, 3 front windows
  108 parts to print; filament use: ~320 g
- split nose body, 3D printed lamps, 2 front windows
  108 parts to print; filament use: ~315 g
- split nose body, 3D printed lamps, 3 front windows
  110 parts to print; filament use: ~315 g

Note: Filament usage values are estimated for PLA and may vary depending on slicer settings.

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