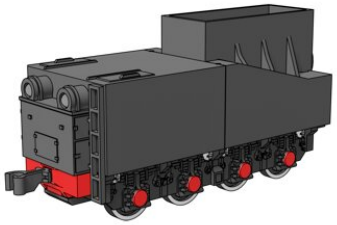
Rigid frame tender



Non-Printed Parts List

No.	Part name	Quantity	Color (suggested)	Notes
1.	M2.2x6.5 screw (DIN 7981)	31	N/A	
2.	5 mm white LED	2	white	Variant part (white LEDs as lamps) Use for better look
3.	1.75 mm filament piece	2	black	Cut to length during assembly

3D Printed Parts List

No.	Part name	Quantity	Color (suggested)	Notes
1.	TTF01F-front-frame.stl filament: ~8 g/part	1	black	
2.	TTF01R-rear-frame.stl filament: ~10 g/part	1	black	
3.	TTF01C-coupler-mount.stl filament: ~0.9 g/part	1	black	
4.	TTH01-rear-headstock.stl filament: ~2 g/part	1	red	
5.	TTL01R-rear-floor.stl filament: ~5 g/part	1	black	
6.	TTL01F-front-floor.stl filament: ~4 g/part	1	black	
7.	TTC01F-body-front.stl filament: ~20 g/part	1	black	
8.	TTC01C-coal-bunker.stl filament: ~10 g/part	1	black	
9.	TTD01C-chute-door.stl filament: ~0.7 g/part	1	black	
10.	TTC01RE-rear-equipment.stl filament: ~6 g/part	1	black	
11.	TAY01-lamp.stl filament: ~0.2 g/part	2	transparent	Variant part (3D printed lamps)
12.	TTC01R-body-rear.stl filament: ~20 g/part	1	black	
13.	TLW01A-axle.stl filament: ~0.8 g/part	4	black	

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No.	Part name	Quantity	Color (suggested)	Notes
14.	TLW01WS-wheel-small.stl filament: ~1 g/part	8	black	
15.	TAQ02C-coupler-cotter.stl filament: ~0.1 g/part	2	red	
16.	TAQ02H-coupler-hook.stl filament: ~0.5 g/part	1	black	
17.	TAQ01-coupler-auto.stl filament: ~0.5 g/part	1	black	
18.	TTF01FB-front-frame-bottom.stl filament: ~3 g/part	1	black	
19.	TTF01RB-rear-frame-bottom.stl filament: ~3 g/part	1	black	
20.	TTS01A-suspension-A.stl filament: ~2 g/part	2	black	
21.	TTS01B-suspension-B.stl filament: ~2 g/part	2	black	

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

File Count Summary

Model Variants

- white LEDs as lamps
  33 parts to print; filament use: ~110 g
- 3D printed lamps
  35 parts to print; filament use: ~110 g

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

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