

KW Trams

M997 Sentinel 6 Ton Steam Wagon

Parts



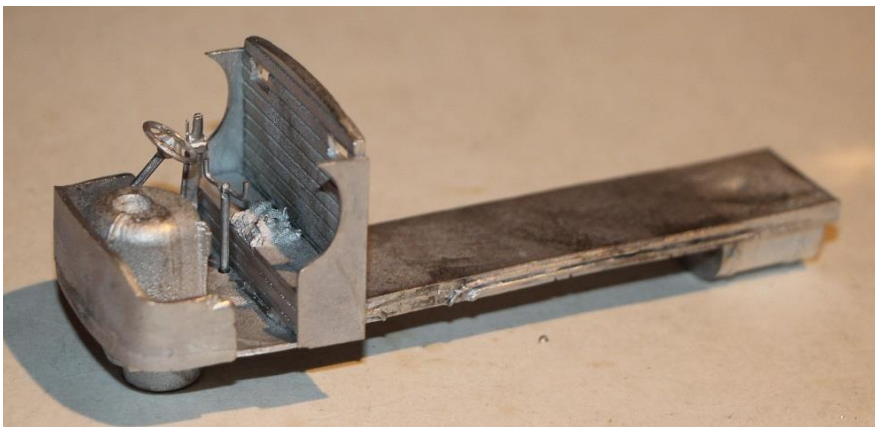
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|-----------------------|------------------------------|------------------------------|
| 1. Whistle | 15. Front mudguards | 27. Small pipe to water tank |
| 2. Front number plate | 16. Double handed hand brake | 28. Steering box |
| 3. Cab roof | 17. Side panels | 29. Ash pan |
| 4. Chimney | 18. Lorry sides | 30. Front axle |
| 5. Oil lamps front | 19. Floor assembly | 31. "U" shaped bar |
| 6. Roof support | 20. Tail gate | 32. Front single wheels |
| 7. Steering column | 21. Drive sprocket/chain | 33. Engine |
| 8. Steering wheel | 22. Oil lamp rear | 34. Rear axle |
| 9. Reversing lever | 23. Rear number plate | 35. Rear mudguards |
| 10. Cab back | 24. Chassis | 36. Rear double wheels |
| 11. Seat | 25. Suspension units | 37. Coal shovel |
| 12. Cab floor | 26. Pump | 38. Bulb horn |

Build Steps

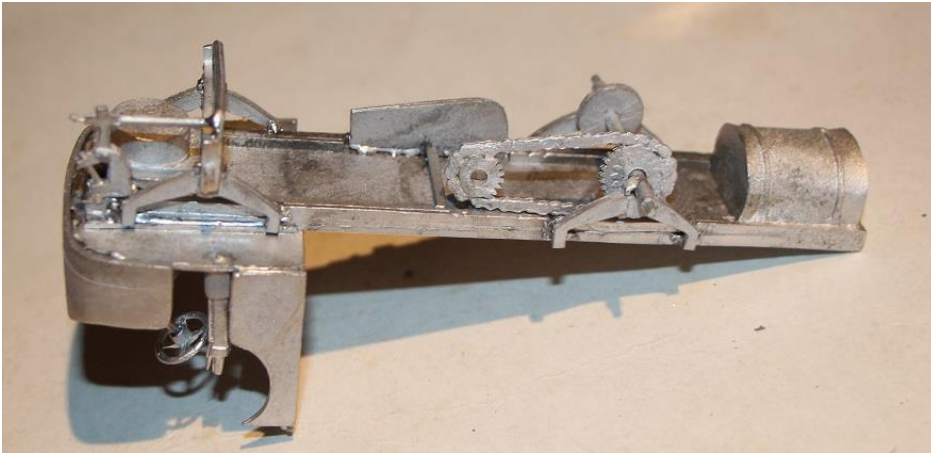
1. Take the sides 18 and the tail gate 20 and fix to the floor assembly 19.



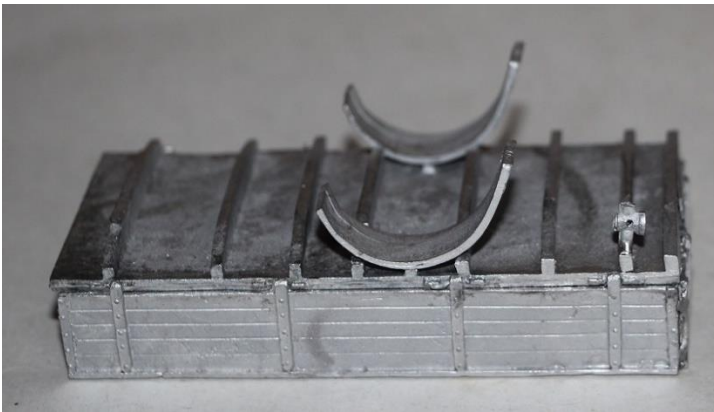
2. When set if using glue invert and add the chassis 24 with the oval shaped water tank to the rear and in line with the tail gate.
3. Fix the cab seat 11 to the cab back 10 above the positioning strip.
4. When set attach to the cab floor 12.
5. Add the side panels 17 to line up with the lower edge of the floor.
6. Fit the front apron 14 and the boiler 13 flush with the apron and central to it.
7. Add the steering column 7 and steering wheel 8, there are positioning strips on the floor to locate it. Some builders have painted the cab interior detail at this stage as they found it more accessible.
8. Add the reversing lever 9 and the double handed band brake operating screw 16.



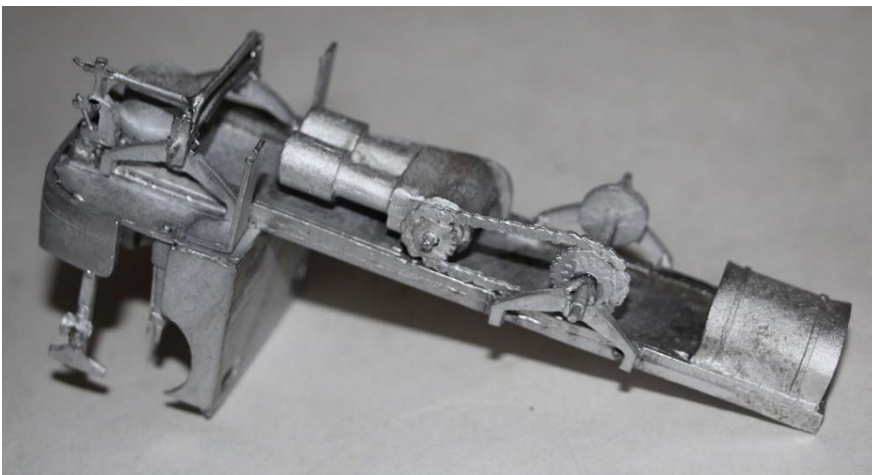
9. Add the suspension units 25, there are two types in the kit and can be identified by short and long lugs. See drawing for positioning the units front and rear.
10. Attach the bottom of the boiler/ash pan casting 29 below the cab, the cutaways slot into the chassis member and the front plate.
11. Fit the small pipe from the water tank to align with the pipe on the chassis.
12. Fit the rear axle 34 with the band brake disc on the near side and the drive sprocket/chain assembly 21 on the off side to be inside the spring unit but do not fix at this stage.

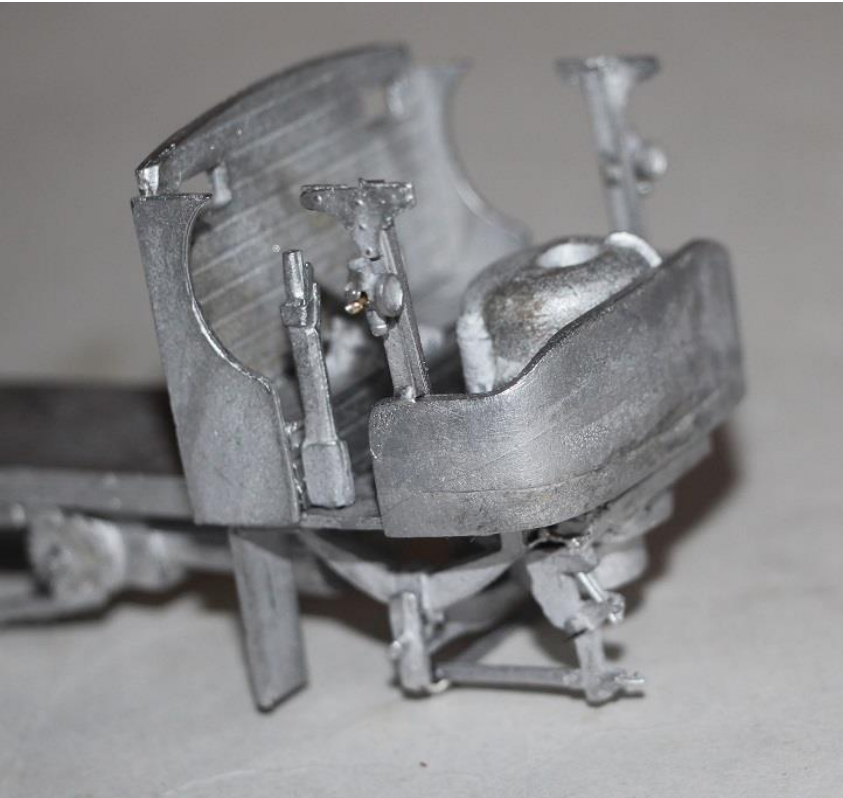


13. Place the engine 33 with the sprocket on the drive shaft stub between the frames, when square and with the drive chain aligned with the chassis, attach both sprockets to the engine and rear axle.
14. Add the plate with pump detail 26 to the inside of the near side chassis into the space between the location bars with the front pipe in line with the chassis pipe.
15. Attach the rear double wheels 36.
16. Fix the rear mudguards, adjusting the curve to slot between the top of the spring unit lugs and the floor support beams on the underside of the floor casting.



17. Fit the front axle 30 and add the "U" shaped bar to the rear aligned to the junction of the axle and the spring.
18. Attach the steering box 28 to the front chassis member, the rod joins the "U" shaped bar in its corner, excess should be removed.





19. Attach the front wheels 32 to the axle.
20. Add the mudguards 15 in line with the cab floor rear. The rest of the model can be prime painted at this stage.
21. Add the roof 3 and the supports 6 in line with the end of the cab apron.
22. Add the oil lamps 5 to the roof supports.
23. Add the rear number plate 23.
24. The chimney 4 should now be lowered through the roof aperture and offered on to the dimple in the boiler top.
25. Add the whistle 1 to its hole in the roof.
26. Add the bulb horn to the driver's cab side and the shovel close to hand on the non-driver's side.



