

Below are explained some of the features of the modification named above.

## CONFIGURATION FILE

FILE PARAMETER	ACCEPTED VALUES	EFFECT
<i>Section: [ GENERAL ]</i>		
Spd_Viol	ON, OFF	Toggles speeding violations. When on, the EMG brake will be applied after a few seconds of being in excess of the speed limit.
NumTrVar	ANY VALID INTEGER	Refers to the number of freight train variations available in your trains.xml file. A wrong value will cause a crash.
<i>Section: [ TRNPROP ]</i>		
HP_Frght	ANY VALID VALUE IN HP	Horsepower for the Freight engine model. (Extreme values may cause issues.)
HP_Metro	ANY VALID VALUE IN HP	Horsepower for the Metro engine model. (Extreme values may cause issues.)
Kg_LocoF	ANY VALID WEIGHT IN KG	Weight value for the "Freight" locomotive model.
Kg_LocoM	ANY VALID WEIGHT IN KG	Weight value for the "Metrotrain" locomotive/carriage model.
Kg_FrCar	ANY VALID WEIGHT IN KG	Weight value for the "Freightcar" carriage model.
Kg_FrCon	ANY VALID WEIGHT IN KG	Weight value for the "Freightcont1" and "Freightcont2" carriage models.
Kg_GrCar	ANY VALID WEIGHT IN KG	Weight value for the "Graincar" carriage model.
Kg_TkCar	ANY VALID WEIGHT IN KG	Weight value for the "Tankercar" carriage model.

## USEFUL INFORMATION

- Press **Alt + F12** near any locomotive to enter it. Once inside, press **F12** to take control of it. Reverse the process to exit the train.
- In single player, the metro train should be exited at a station rather than between stops.
- TSM will automatically assign to trains dynamic acceleration values based on the following factors: combined maximum engine power output, total train mass, track friction, track inclination, and braking.
- Braking power is also calculated according to similar parameters.
- The number of locomotives and carriages is listed above the actual speed on the GUI.
- All metro trains will accelerate at the same rate, as all metro carriages are also considered locomotives.
- Train carriages have different weights based on their type.
- Multiple locomotives may be necessary to haul longer trains.
- Freight train engines may slip if too much power is applied relative to the total train mass.
- If a train is slipping, its acceleration will be severely reduced.
- Braking is more effective when the throttle is placed in the neutral (N) position.
- The emergency brake applies 150% of the train's maximum service braking capacity.
- Once the emergency brake is applied, the train will not be operable until it has come to a complete stop.
- The train direction (FWD/REV) may only be changed if the train is stopped and the throttle is placed in the neutral position.
- When at a station, a signal will appear indicating whether the train may proceed past the station.