

Bogies bogies

goods (odd numbers)

A first bogie is characterized by its axles. Mostly, they have two. In this page, only those with two axles and the most common are studied.

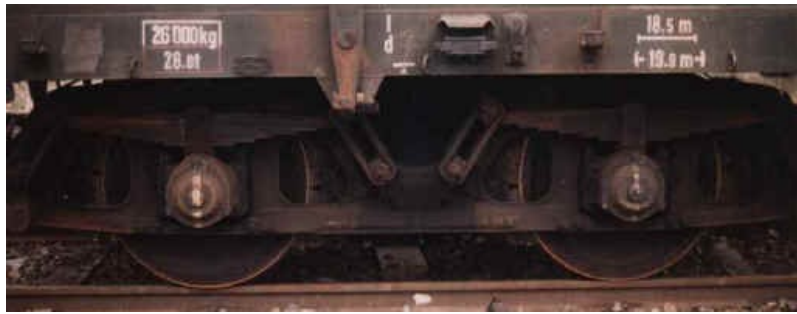
Another feature, its wheelbase, ie the distance between the axles, which is commonly of 1.80 meters or 2.00 meters. This indication is often painted on the truck. This is very useful to recognize a truck under a car, when there is a passing train. Another characteristic is its method of manufacture, welded or molded. In the first case, they are stamped and formed flat sheets that are welded together (electrically arc), the elements being positioned on frames, as a mechanic, hence the term welded. In the case of the bogie cast, well, the truck is molded, and then the molten metal is poured into a mold, the mold is broken, and then finishes are made by welding. Uses two kinds of bogies is essentially the same, although there is a slight preference of truck welded to the "high" speed, and molded to heavy loads. This preference is, in absolute terms, the characteristics are identical.

Another feature, braking: if a truck is equipped with or without brake shoes to the ends of the bogies, it tells you much about its type.

So there you have the big features of recognizing a bogie.

Rest assured, I do not think that one day you have a written question, but there are a few ways mnemonic.

Finally, a foolproof method for recognizing a truck, just look at his identification tag type. Easy, ask permission to the head of the institution, and avoid getting cut short by a fast one on the way side. Note that the color of the truck does not affect its characteristics, unless he draws freely on the rust-colored. In this case it may be "rusty" and thus almost unusable.



Bogie Y 19, 2.00 m wheelbase, 1000 mm wheels, visible mostly in German wagons.



Welded bogie Y 21, wheelbase of 2.00 m, 920 mm wheels, visible mostly in tanks, etc ...



Bogie molded Y 21



Welded bogie Y 23, wheelbase of 2.00 m, 920 mm wheels, visible mostly in tanks, etc ...



Bogie molded Y 23



Welded bogie Y 25, wheelbase of 1.80 m, it is THE most used truck today. Wheel diameter 920 mm.



BOGIE or **BOGGIE**: male name that comes from *BOGIE*, England, in 1843. *Railway*. Trolley with two axles (four wheels) on which is articulated by the pivot frame of a car (car) to enable it to take the curves. (Source Webster's)

AXLE: male name from the popular Latin *axilis*, *axis*, **axis**. Long piece placed transversely under the body of a car and the ends (see rocket) fall into the wheel hubs

WHEEL: female name from the Old French of the thirteenth and *rode* from the Latin *rota*. Disk full or hollow rotating on an axis that passes through its center, and used as body movement.

SHOE / masculine name of the fifteenth, *Cabot* "top", probably *savate*, and *bot*, variant *boot*. 1 peasant shoe generally made of a single piece of wood recessed.

3 ° *Technical*: metal trim to protect the end of a piece of wood. *Jamming shoe*, *shoe stop*, piece that is placed under the wheel of a vehicle to stop or stop walking. *Brake block*, moving parts which is pressed against the rim of the wheel.

HALT of the transitive verb *in* the 1552 - *and* spoke.

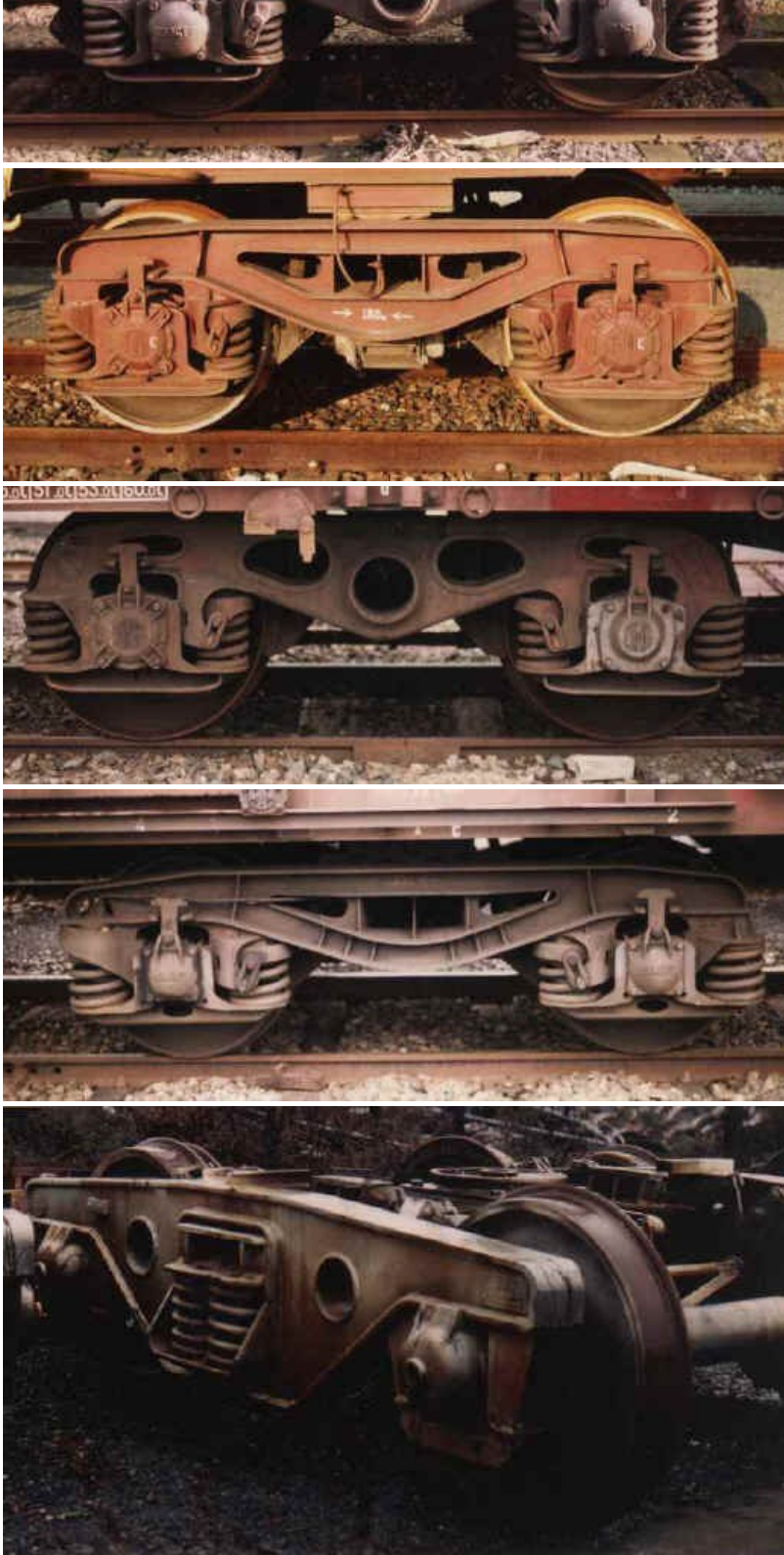
1 ° impeding its motion (a wheel, a vehicle).

SLIDE PROTECTION male name from 1826 to *halt*.

A braking or blocking ° (the wheels of a vehicle).

RIM female name from the popular Latin of the twelfth *Cambita*, the Gallic *cambo* "curve". Circle of wood or metal that forms the periphery of a wheel. *Tire*, a rim *flange*.

Source: Webster



Bogie molded Y 25

Welded bogie Y 27, wheelbase of 1.80 m, 920 mm wheel (except Y 27 D1: 840 mm). This is THE truck of ore car (Electrotren).

Y 27 molded bogie.

Bogie Y 31, wheelbase of 1.80 m, wheel diameter 840 except for the type C1 Y 31 which have a diameter of 760 mm. This is THE truck of car kangaroo (Roco)

ANF bogie 20 C. Almost abandoned nowadays because its unsprung mass is very high.

Diamond truck, very old and still used today, especially on the service or special equipment, limited speed, but inexpensive. M a bogie, brake shoes at the ends, wheelbase of 2.00 m. Still used today