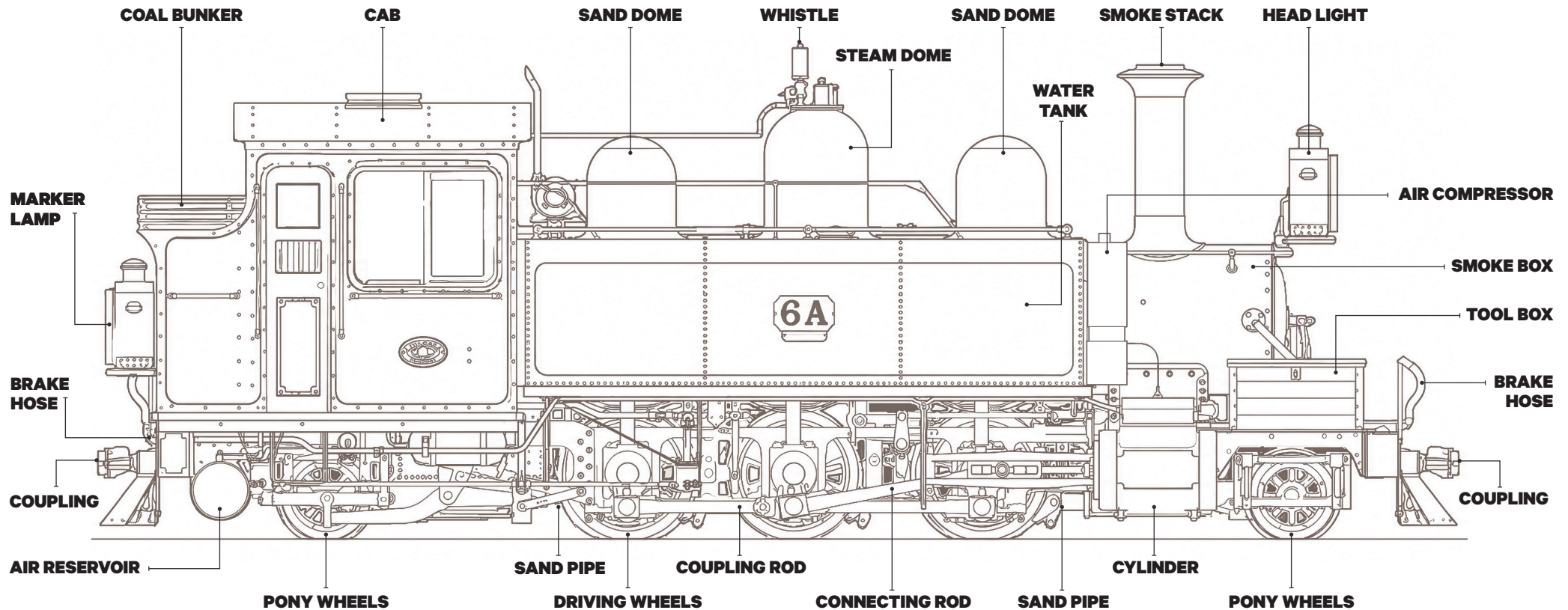




AIR HOSE: Flexible coupling to connect the locomotive brake system to the rest of the train.

AIR PUMP: Steam operated air compressor which supplied compressed air to operate the all-important Westinghouse Air Brakes.

AIR RESERVOIR: Tank which holds a supply of compressed air from the pump.

DRIVING WHEELS: Six large 91cms (3 feet) diameter joined with 'coupling' rods and connected to the pistons by the 'connecting rods'. These, as their name implies, 'drive' the engine along.

PONY WHEELS: Small diameter wheels located at each end of the engine to guide it into curves.

SAND DOME: Contains dry sand which is used to help the driving wheels grip the rails when they are slippery.

SAFETY VALVE: A device to prevent the boiler from blowing up through too much steam pressure. There are two of these, each set to release steam after a pressure of 180 p.s.i. has been reached.

SMOKESTACK: An easily recognised, but little appreciated item on a steam locomotive. The exhaust steam from the cylinder passes up this tube, sucking air into the firebox and through the boiler. This forced draught makes the fire hotter and generates steam when the engine is working.