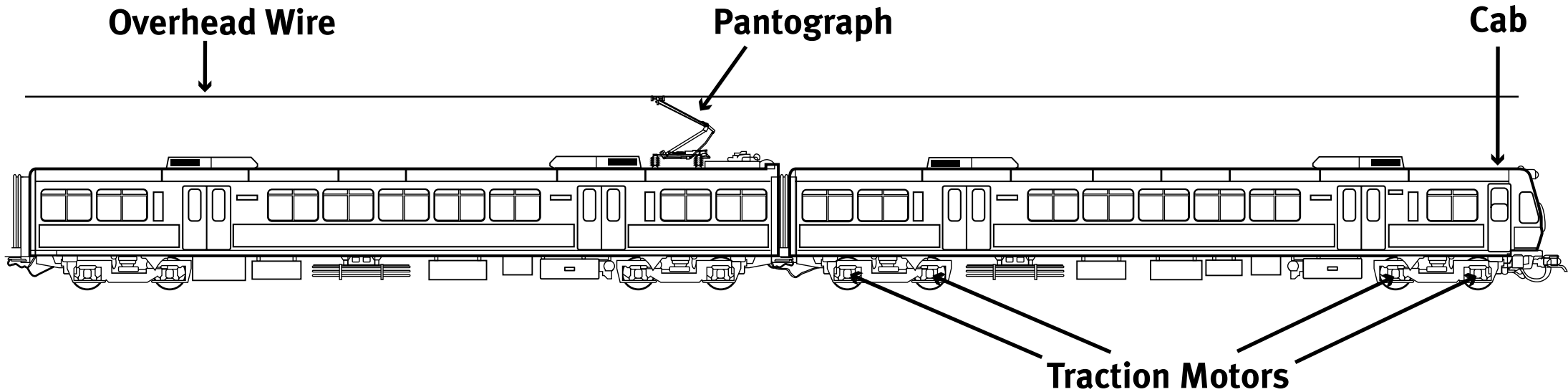


Electric Train



- 1. An electric train draws power from an overhead wire using an 'arm' called a pantograph.**
- 2. Electricity flows from the pantograph to a transformer which works to reduce the current to the necessary level needed to power the train.**
- 3. A speed control in the cab is used to change the voltage to alter the speed. The more power drawn, the faster the train moves.**
- 4. The current then travels to the traction motors which in turn moves the train.**