

Synchronizer

Q.) I have lost my instruction manual, how can I get another?

A.) [Click Here](#) to view and/or print the Synchronizer manuals.

Q.) Sometimes my trailer brakes lock up, is there something I can do to prevent this?

A.) Reduce the setting of the gain wheel.

Q.) Every time I break the Red LED comes on, even without a trailer attached, is this OK?

A.) Yes, every time the unit attempts to apply brakes, the Red LED will come on. However, with no trailer attached no current or power is used.

Q.) What is the maximum output range on the manual slide button?

A.) All Hayes brake controllers output up to 100% or the battery positive 12 volts DC.

This is regardless of the gain wheel setting.

Q.) The Red LED changes intensity as the manual slide is increased.

A.) This is normal and indicates the unit is functioning correctly.

Q.) When I put my foot on the brakes, the red LED comes on low and then gets brighter. Is this normal?

A.) Yes, the red LED indicates how much voltage is being outputted to the trailer brakes.

Q.) Do I need to fuse the red wire and the black wire if I have a factory tow package on my vehicle and am using the factory plug?

A.) No, the wires are fused by the factory tow package in the vehicle.

Q.) Why does the red wire have a fuse on it if it is the indicator of me pressing the brake pedal?

A.) The red wire is both an input (in automatic mode) and an output (in manual mode). In manual mode +12v is put on the wire to turn on all the brake lights.

Q.) How do I know if I have a factory tow package?

A). If the vehicle has a factory installed 6 or 7 way plug at the rear of the vehicle.

Q). What does the factory tow package include?

A). The 6 or 7 way plug for the trailer at the rear of the vehicle and a place to plug in a “quick connect” harness under the dash.

Q). I do not have the factory tow package, will I have to hard wire it and fuse it per the instructions?

A). Yes.