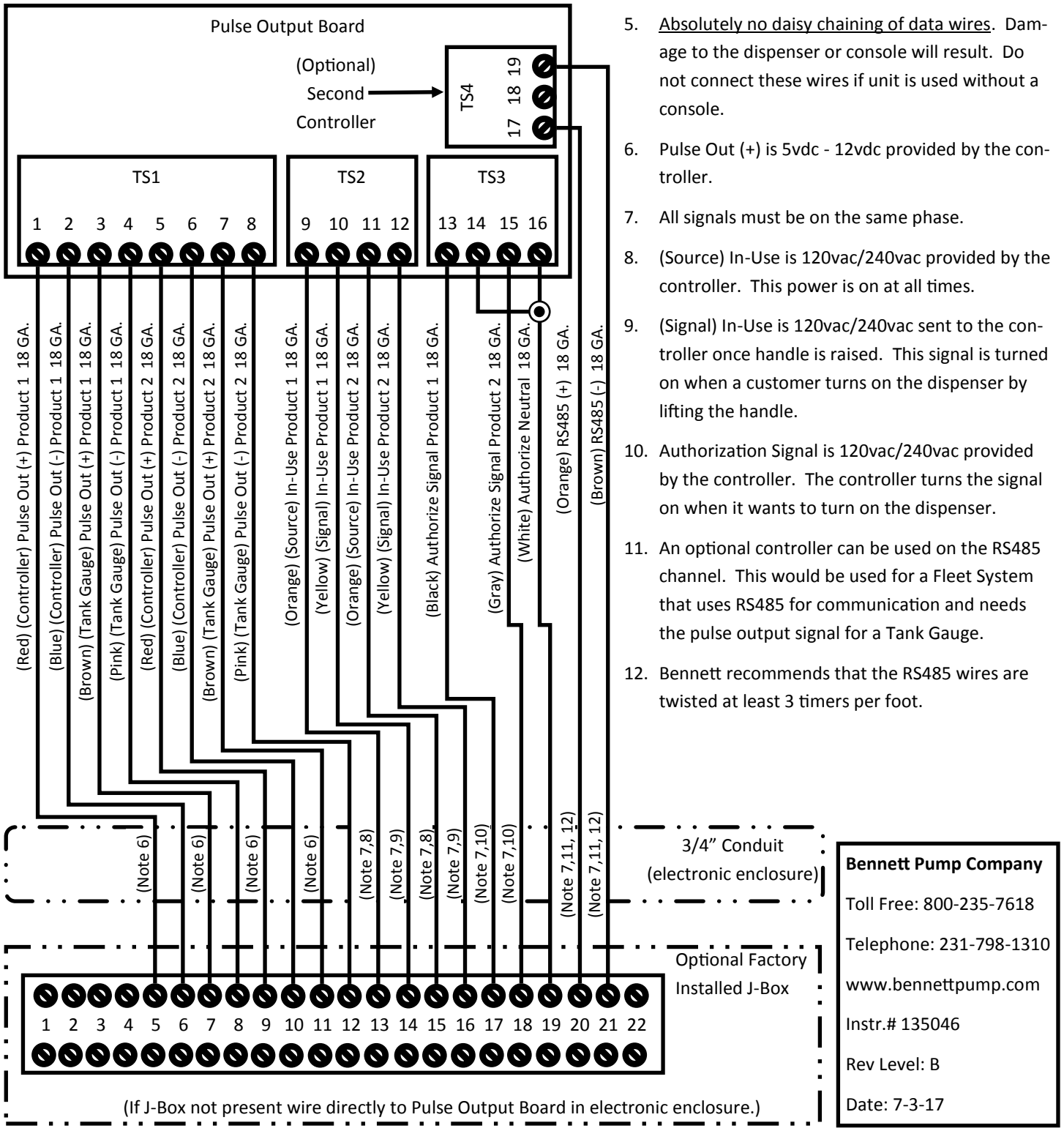
<u>Wiring Diagram</u>: Mechanical Pulse Output Connections for all 3000 Electronic, Truck and 700,800,900 Dispensers (only for a maximum of one Diesel and one DEF).

Notes For Mechanical Pulse Output Wiring Diagram:

1. Field connection = ◉ (Used only with optional J-Box)
2. All wiring must be installed and used in accordance with the national electrical code (NFPA #70, Automotive and marine service code NFPA #30A), State and Local electrical codes.
3. All wiring gauge is minimum required, stranded wire with THHN Insulation must be used. <u>Do NOT reuse old wire</u> from an existing installation.
4. <u>Use only rigid metal conduit</u>. Do not use PVC conduit.
5. <u>Absolutely no daisy chaining of data wires</u>. Damage to the dispenser or console will result. Do not connect these wires if unit is used without a console.
6. Pulse Out (+) is 5vdc - 12vdc provided by the controller.
7. All signals must be on the same phase.
8. (Source) In-Use is 120vac/240vac provided by the controller. This power is on at all times.
9. (Signal) In-Use is 120vac/240vac sent to the controller once handle is raised. This signal is turned on when a customer turns on the dispenser by lifting the handle.
10. Authorization Signal is 120vac/240vac provided by the controller. The controller turns the signal on when it wants to turn on the dispenser.
11. An optional controller can be used on the RS485 channel. This would be used for a Fleet System that uses RS485 for communication and needs the pulse output signal for a Tank Gauge.
12. Bennett recommends that the RS485 wires are twisted at least 3 timers per foot.



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