



RTC Manufacturing, Inc.

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Model TR-3 / TR-4
GPS Time Reference

Application Note Number 3

TR-3 / TR-4 Installation Instructions

① Connect the GPS antenna to the TR-3 and apply power. Hold the antenna above or at the side of the cabinet at the desired location. The TR-3 will display DOW & TOD when the GPS signal has been acquired within 5 minutes. If GPS signal has not been acquired within 5 minutes, move antenna to another location above or on the side of the cabinet. Exposure to southern sky is best.

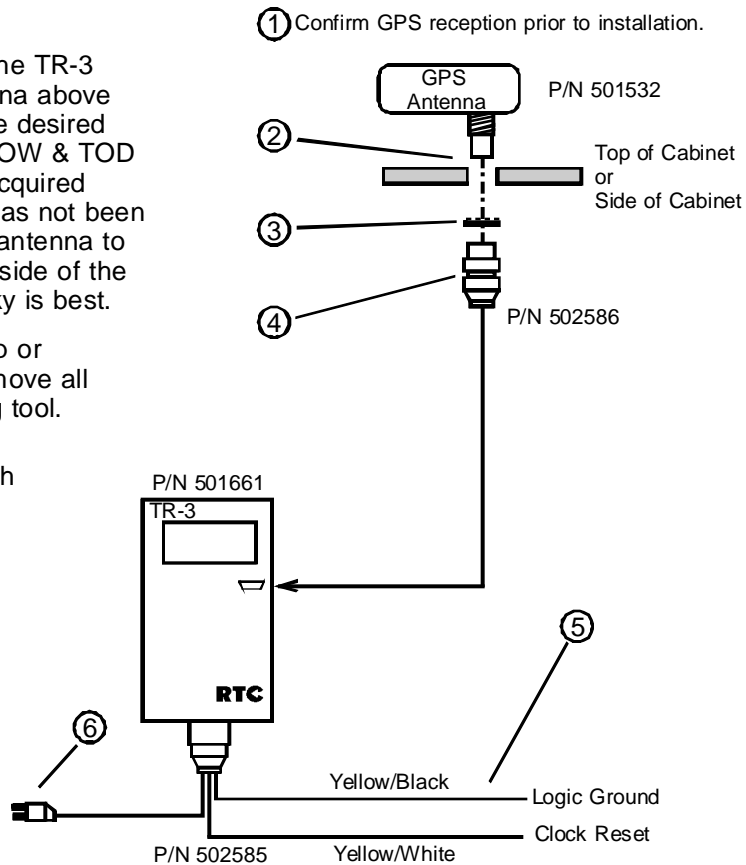
② Drill a 7/8" hole through the top or side of the signal cabinet and remove all sharp edges with file or deburring tool.

③ Insert the GPS antenna through the hole and secure it with the lock nut.

④ Connect the harness to the GPS antenna and to the DB9 on the TR-3.

⑤ Connect the yellow/black wire to logic ground and the yellow/white wire to the controller input for clock reset.

⑥ Connect the harness to the bottom of the TR-3 and plug in the power cord.



NOTE: Refer to the setup instruction sheet for programming the TR-3 GPS time reference.