

Tablet Upgrade Package

All Tablet Upgrade Packages ship with the components below. Depending on the existing system configuration, other components may also be required.

Fujitsu Q550 Tablet PC



Fujitsu Vesa Mount Plate

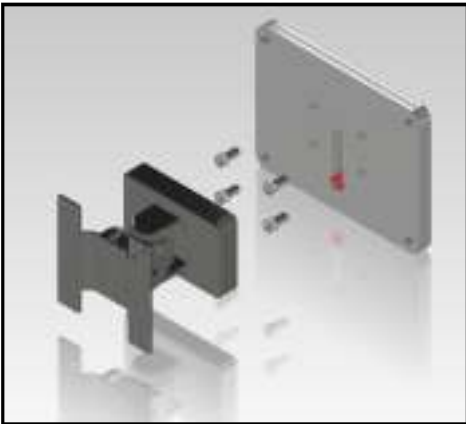


Bluetooth Comm Board

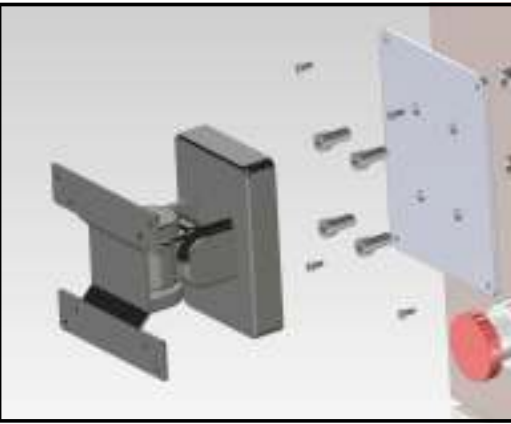


In addition to the components above one or more of the following components may be included.

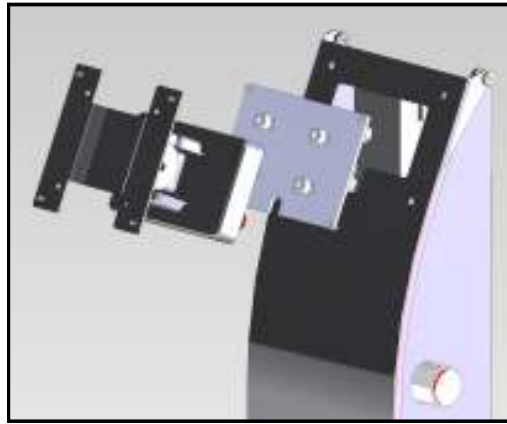
CE Cover Plate & Knuckle



HMI Cover Plate & Knuckle



MiniTouch Cover Plate & Knuckle



Comm Board Power Supply



Comm Cable RGX00074



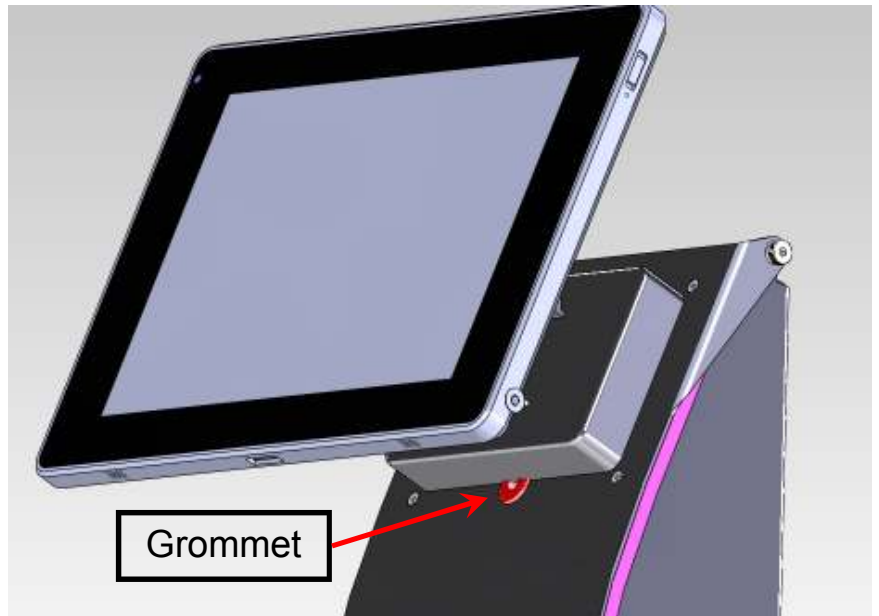
Ribbon Comm Cable



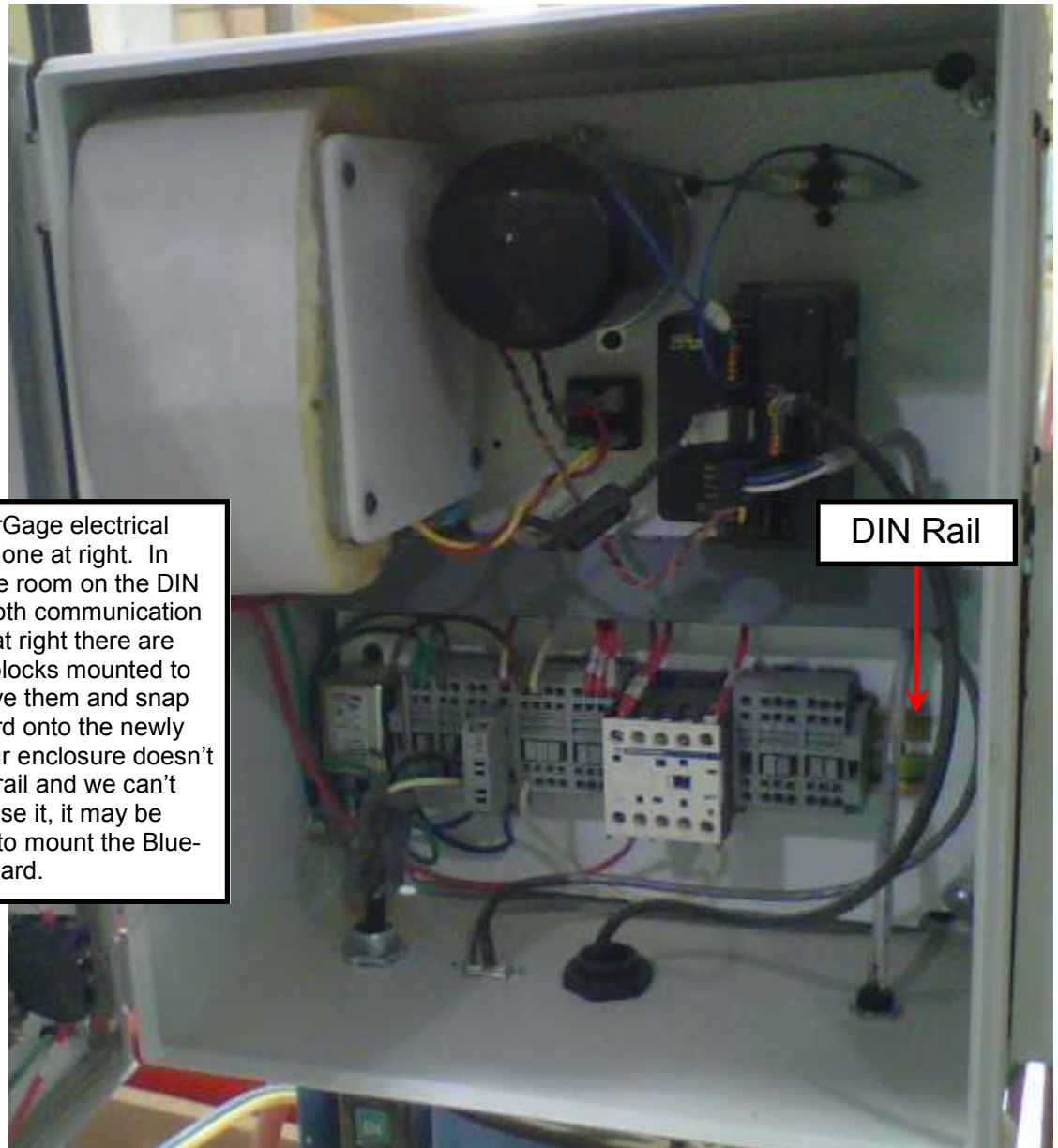
The chart on page 2 shows the components required for most system configurations.

EXISTING SYSTEM CONFIGURATION	NEEDS POWER SUPPLY	KNUCKLE/COVER PLATE	BLUETOOTH BOARD	COMM CABLE	OTHER CONSIDERATIONS
Microlynx with HMI & NO BMI	SEASONIC SSA-0651-1 12 VDC POWER SUPPLY WHITE WIRE IS +	REQUIRES KNUCKLE RGX00058 & HMI COVER PLATE RG1004-001	RS232 BLUETOOTH BOARD & DIN RAIL MOUNT	RIBBON CABLE	
Microlynx with HMI WITH BMI	NO	REQUIRES KNUCKLE RGX00058 & HMI COVER PLATE RG1004-001	RS232 BLUETOOTH BOARD & DIN RAIL MOUNT	RIBBON CABLE	PRINTERS, BARCODE READERS, RAZARRAY, ETC MAY REQUIRE MORE HARDWARE
Microlynx with CE	NO	REQUIRES KNUCKLE RGX00058 & CE COVER PLATES RGD1005-001 & RGD1005-002	RS232 BLUETOOTH BOARD & DIN RAIL MOUNT	RIBBON CABLE	PRINTERS, BARCODE READERS, RAZARRAY, ETC MAY REQUIRE MORE HARDWARE
Microlynx with PC & NO BMI & NO PLC	SEASONIC SSA-0651-1 12 VDC POWER SUPPLY WHITE WIRE IS +	NA	RS232 BLUETOOTH BOARD & DIN RAIL MOUNT	RIBBON CABLE	PRINTERS, BARCODE READERS, RAZARRAY, ETC MAY REQUIRE MORE HARDWARE
Microlynx with PC WITH BMI OR WITH PLC	NO	NA	RS232 BLUETOOTH BOARD & DIN RAIL MOUNT	RIBBON CABLE	PRINTERS, BARCODE READERS, RAZARRAY, ETC MAY REQUIRE MORE HARDWARE
Mdrive with MiniTouch	NO	REQUIRES KNUCKLE RGX00058 & MT COVER PLATE RGX00573 & MT DOOR MOD PER RGMINIT-002	RS485 BLUETOOTH BOARD & DIN RAIL MOUNT	NA	PRINTERS, BARCODE READERS, RAZARRAY, ETC MAY REQUIRE MORE HARDWARE
Mdrive with Tower PC & NO BMI & NO PLC	SEASONIC SSA-0651-1 12 VDC POWER SUPPLY WHITE WIRE IS +	NA	RS485 BLUETOOTH BOARD & DIN RAIL MOUNT	NA	PRINTERS, BARCODE READERS, RAZARRAY, ETC MAY REQUIRE MORE HARDWARE
Mdrive with Tower PC WITH BMI OR WITH PLC	NO	NA	RS485 BLUETOOTH BOARD & DIN RAIL MOUNT	NA	PRINTERS, BARCODE READERS, RAZARRAY, ETC MAY REQUIRE MORE HARDWARE
Mdrive with Remote PC & NO BMI & NO PLC	SEASONIC SSA-0651-1 12 VDC POWER SUPPLY WHITE WIRE IS +	NA	RS485 BLUETOOTH BOARD & DIN RAIL MOUNT	RGX00074	PRINTERS, BARCODE READERS, RAZARRAY, ETC MAY REQUIRE MORE HARDWARE
Mdrive with Remote PC WITH BMI OR WITH PLC	NO	NA	RS485 BLUETOOTH BOARD & DIN RAIL MOUNT	RGX00074	PRINTERS, BARCODE READERS, RAZARRAY, ETC MAY REQUIRE MORE HARDWARE
RazorOptimal MicroLynx with Remote PC	NO	NA	RG232 BLUETOOTH BOARD & DIN RAIL MOUNT	RIBBON CABLE	PRINTERS, BARCODE READERS, RAZARRAY, ETC MAY REQUIRE MORE HARDWARE

Installation of a Tablet PC upgrade on a Razor-Gage involves mounting the Tablet PC and mounting and wiring the Bluetooth communication board by which the Tablet communicates with either the MicroLynx or MDrive controllers. If your kit contained a knuckle then remove the operator interface that is currently installed in the Razor-Gage enclosure and mount the knuckle mounting plate to cover the hole left by the old device and to provide mounting holes for the knuckle. If your machine already has a knuckle then just remove the existing touch screen and mount the tablet to your existing knuckle. Once the tablet is mounted route the power wire through the grommet as shown at right or around the side of the electrical enclosure so that you can plug the tablet into a 110 VAC outlet. Now move on to the Bluetooth board.

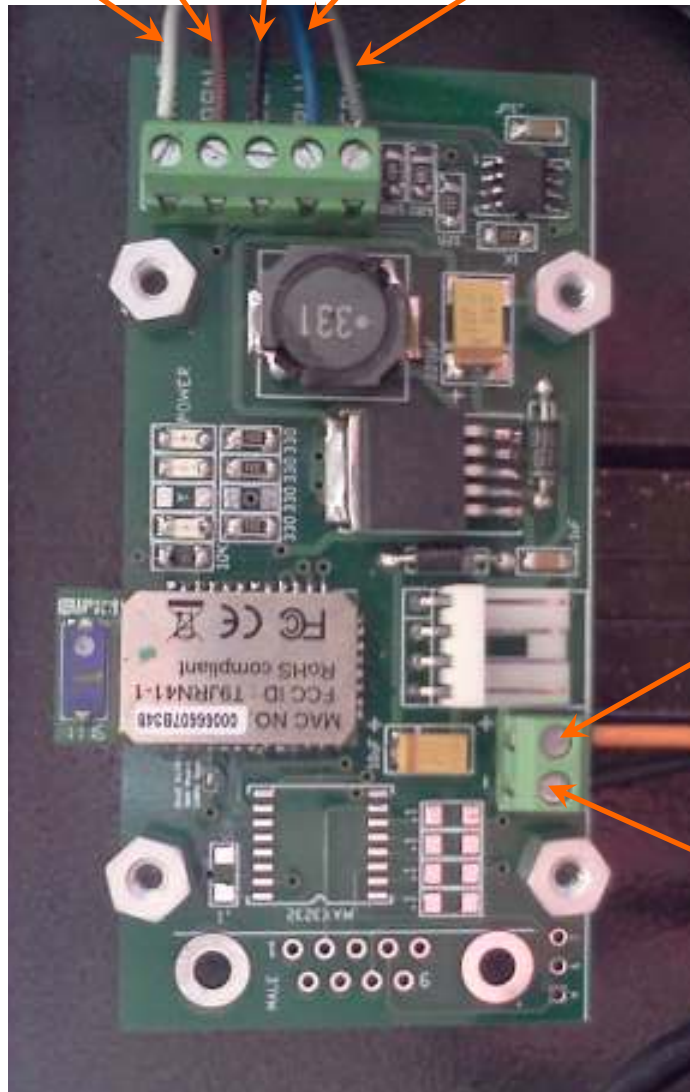


Many of the older RazorGage electrical enclosures look like the one at right. In many cases there will be room on the DIN rail to mount the Bluetooth communication board. In the example at right there are many unused terminal blocks mounted to the DIN rail. Just remove them and snap the communication board onto the newly exposed DIN rail. If your enclosure doesn't have any exposed DIN rail and we can't figure out a way to expose it, it may be necessary to drill holes to mount the Bluetooth communication board.



When upgrading a machine that has an MDrive the communication cable going to the M Drive will be wired as shown here. When upgrading a machine that has a MicroLynx controller the Bluetooth communication board will be shipped with a ribbon cable pre-installed which you will plug into the MicroLynx comm port.

WHITE BROWN BLACK BLUE GRAY



DC +

DC -

The Bluetooth communication board is powered by 12 to 24 volt DC power. If your machine already has a power supply in the enclosure you may power the Bluetooth communication board from it. Just connect DC power as shown above. If your machine does not have a power supply in the enclosure we will provide one with the unit. Just plug it into a 110 VAC outlet, route the power line through one of the cord grips in your enclosure, and terminate the power wires as shown above. For power supply #SSA-0651-1 the white wire is the DC Positive and the braided silver wires are the DC Common.