<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solution and Hardware Overview</td>
<td>03</td>
</tr>
<tr>
<td>Bracket Preassembly</td>
<td>05</td>
</tr>
<tr>
<td>Ram Bracket Pre-Installation</td>
<td>07</td>
</tr>
<tr>
<td>Power Connection for Tablet Charger</td>
<td>10</td>
</tr>
<tr>
<td>Ram Mount Installation</td>
<td>11</td>
</tr>
<tr>
<td>Installation Examples</td>
<td>12</td>
</tr>
<tr>
<td>Tablet Pairing Step</td>
<td>14</td>
</tr>
<tr>
<td>Installation and Customer Support</td>
<td>19</td>
</tr>
</tbody>
</table>
Trimble TDI 610 Tablet contains:

- Android OS support
- 8” high resolution WXGA screen
- Ruggedized, protective case with easy removal
- Robust RAM mounting arm for in-cab use
- Built in Cellular modem with Wi-Fi and Bluetooth
- Ability to install 3rd party applications
- Bluetooth connection to the Trimble TVG telematics device (TVG 670/675, etc.)
- A hardwired charging circuit which is connected to ignition source in the vehicle
Contents of TDI 610 Tablet Kit

The TDI 610 Tablet will be shipped with the components detailed below:
1 X Ram Mount universal mounting bracket – (P/N: 391-2102-000, includes installation kit below)
1 X Ram Mount Installation kit (P/N: 908-0027-000)

Tablet Kit (brown box):
1 X TDI 610 tablet
1 X Tablet Quick Release
1 X Tablet charging circuit with power wiring
1 X Installation accessories
   - Tablet mounting hardware - hex screws, nuts, bolts and washers
   - Ground connection and tablet charging circuit mounting screws
   - Wire ties
Ram Mount Bracket Preassembly

1. In the brown box with the tablet, find:
   a. Tablet quick release and charging circuit with power harness
   b. Hex bolts, nylock nuts, washers and key (bag)
   c. Ram Mount bracket (packaged separately)
Tablet Bracket Preassembly

2. Unplug the tablet quick release from the power harness and remove one of the ball mount from the Ram mount bracket.

3. Fasten the tablet quick release to the Ram Mount ball mount with the hex bolt hardware using the included key.
Ram Mount Bracket Pre-Installation

Obtaining an approved mounting location for the TDI 610 tablet and bracket is essential to ensure that the solution is installed in an acceptable location, that is fully endorsed and approved by the customer.

It is a best practice that when contacting the customer to schedule the installation of their Trimble equipment, to make sure that it is discussed in detail as to where the Ram Mount bracket will be installed in each of the customer’s vehicle types (if ordered). Additionally, work with the customer to see if they can appoint someone within their organization who can be present upon the technician’s first arrival, who is fully briefed and can review with the technician team the exact installation location of the Ram Mount bracket in each of their vehicle types.

Please make sure that driver’s safety, view of the road and safe operation of the vehicle is considered as an approved mounting location is discussed and finalized with the customer.
The TDI 610 tablet will be secured to the dash of the vehicle with the **Tablet Mounting Kit** (P/N: 908-0027-000)

The components that are included in the tablet mounting kit are:

1. **Ram Mount Universal Bracket**

2. **Installation kit, P/N 908-0027-000, includes:**
   - Ram Mount backing plate with four black 1” machine screws and four nylock nuts
   - Four ¾” Sheet Metal screws
   - Four 1” Self drilling screws
   - 4 washers
   - 4 Lock washers

The **Ram Mount universal bracket** will be secured to the dash of the vehicle using included the **Ram Mount backing plate**.
Ram Mount Mounting Hardware

The Installation kit, P/N 908-0027-000, includes an assortment of additional fasteners show here:

1. **For metal dashboards or similar installs:** use the four Ram Mount 1” machine screws and nylock nuts that are supplied with backing plate.
2. **For thick plastic dashboards installs:** use the supplied ¾” sheet metal screws
3. **For transmission hump or similar installs:** use the supplied 1” self drilling screws.
4. **Lock Washer and Flat Washers** are supplied and used are required.

*PLEASE NOTE:* The below fasteners must be used ONLY if the Ram Mount backing plate **cannot** be utilized.
Power Connection for Tablet Charger

1. Attach the included ring terminal to the BLACK wire of the tablet charger power harness.

2. Connect the tablet charger to the vehicle as follows:
   a) The **RED fused wire** will be connected to an **IGNITION power (+)** source
   b) The **BLACK wire** will be connected to **CHASSIS ground (-)** using the supplied ½” self tapping screw and star washer

3. Secure the tablet charger charging circuit in the vehicle with the supplied #6 self tapping screws
Install the Ram Mount and Insert the Tablet

1. Insert the removed ball mount into the bracket and Install the **Ram Mount Universal Bracket** into the vehicle in the location approved by the customer. Use the large wingnut on the bracket to ensure that the assembly is secure in the bracket.

2. **SLIDE** the tablet into the quick release receiver on the **Ram Mount**, ensure that it clicks firmly in place.

3. Using the ignition key, test and ensure that the tablet is charging when the key is turned to the ON position.
Ram Mount Bracket – Kenworth T370

In a Kenworth T370 the Ram Mount bracket can be installed to the right of the center console as shown, using the included ¾” sheet metal screws.
Ram Mount Bracket - Freightliner M112

In a **Freightliner M112** the Ram Mount bracket can be installed to the right of the center console as shown, using the supplied 1” self drilling screws.
1. **RUN** the FM Installer app from Trimble issued Samsung tablet to verify device functionality. Upon a successful self test, disconnect the tablet from the device by turning off Bluetooth in the tablet.

2. **POWER UP** the “installed” TDI 610 tablet by pressing the small power button located in the top left corner of the tablet. Once the tablet powers up, **SWIPE** at the bottom of the screen, if prompted, to launch FieldMaster Logs.

3. Once launched, click **NEXT** FieldMaster Logs at the top of the screen.

4. **TAP** **NEXT** at the bottom right of the screen.
5. If you are a Trimble Authorized Technician enter the username and password that has been provided to you by Trimble, if you are a customer enter the username and password that was provided to you by your administrator.

6. Once logged in the tablet will start searching for installed devices over Bluetooth and (a.) will list all devices within Bluetooth range at the top of the window. If not, (b) TAP on Search Devices to initiate the search.
7. Once the serial number of the installed TVG device is shown in the top window, **TAP** on it’s serial number to connect the tablet to it over Bluetooth.

8. When the tablet is connected the **Device connected** confirmation screen shown will be displayed.
9. Once the device connects the **Provision Device** window will be displayed which should be populated with the customer’s account information. (a) Review that the information is complete and that there is an entry on **each of the lines**. If so, (b) **TAP DONE**. If not, Trimble Support must be contacted for help in populating this form.

10. If **DONE** was selected, the FieldMaster Logs system check window will be displayed.
11. If the tablet was successfully provisioned on the customer's account, the popup shown to the left will be displayed, **TAP** on **OK** to complete. **If not, contact Trimble Support.**

12. To complete the pairing and provisioning of the tablet **TAP** **SIGN OUT**.
Installation and Customer Support
Global Customer Support:

For Technical Support please utilize any one of the options based on your location:

North America: 1-877-428-7623 (option 1)
Europe: +44 (0) 1332 267 600
Australia: 1 300 255 477
Manager: Field Operations
Hunter Garris
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Field Operations: East
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