



INSTALLATION INSTRUCTIONS

<u>Product</u> 7160-0577 TOUGHBOOK 54/55 DOCKING STATION	<u>Revision</u> REV. L	<u>Form</u> INST-673 Printing Spec: PS-001
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This instruction sheet is for the TOUGHBOOK 54/55 docking station only. For instructions on features, set-up, and operation of the TOUGHBOOK 54/55 computer, please refer to the manual provided by Panasonic with the computer.

This docking station is designed to be used with a variety of Gamber-Johnson mounting systems. Installation instructions for other Gamber-Johnson products are provided with each individual product.

This instruction sheet is for the following products:

- Item No. 7160-0577-00, (-P) & (-E)** No RF (External Power Supply sold separately)
- Item No. 7160-0577-02, (-P) & (-E)** Dual RF (External Power Supply sold separately)
- Item No. 7160-0577-20, (-P) & (-E)** Lite, No RF (External Power Supply sold separately)
- Item No. 7160-0577-22, (-P) & (-E)** Lite, Dual RF (External Power Supply sold separately)

Panasonic recommends using the following Lind Auto Adapter to power the docking station. They can be ordered from Gamber-Johnson.

7300-0461 - Bare Wire Adapter (11-16 Vdc input) - Available with the docking station as **KIT 7170-0250 (Non-RF)** or **7170-0251 (Dual-RF)**



Product Mounting Disclaimer

Gamber-Johnson is not liable under any theory of contract or tort law for any loss, damage, personal injury, special, incidental or consequential damages for personal injury or other damage of any nature arising directly or indirectly as a result of the improper installation or use of its products in vehicle or any other application. In order to safely install and use Gamber-Johnson products full consideration of vehicle occupants, vehicle systems (i.e., the location of fuel lines, brakes lines, electrical, drive train or other systems), air-bags and other safety equipment is required. Gamber-Johnson specifically disclaims any responsibility for the improper use or installation of its products not consistent with the original vehicle manufactures specifications and recommendations, Gamber-Johnson product instruction sheets, or workmanship standards as endorsed through the Gamber-Johnson Certified Installer Program.

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If you need assistance or have questions, call Gamber-Johnson at 1-800-456-6868

PRE-INSTALLATION RECOMMENDATIONS

Conduct a "Bench Test"

Gamber-Johnson strongly advises a "bench test" be conducted to verify all electronic and software issues are resolved prior to installation:

1. Make sure the computer is operational by itself.
2. Insert computer into the docking station and verify that the computer is operating in the dock.
3. Interconnect entire assembly and verify start-up of all components, including other equipment (printers, modems, scanners, etc.)

Gamber-Johnson recommends positioning of all mounts and equipment in the vehicle prior to the actual install to verify that mounting locations are safe and practical.

IMPORTANT SAFETY INFORMATION FOR INSTALLERS

Safety is dependent on the proper installation and servicing of this docking station. It is important to read and follow all instructions before installing this product.

To properly install a Gamber-Johnson docking station you must have a good understanding of automotive electrical procedures and systems, along with proficiency in the installation and service of aftermarket vehicle equipment.

There are no adjustments required at any time of the electrical components within the docking station. **Opening the docking station will void the product warranty.**

During Installation:

DO NOT connect this docking station to the vehicle battery until:

1. All other electrical connections are made
2. Mounting of all components is complete
3. Verification that no shorts exist in the entire system

DO NOT install equipment or route wiring or cords in the deployment path of any air bag.

When drilling into the vehicle, DO make sure that both sides of the surface are clear of anything that could be damaged.

CAUTION: *If wiring is shorted to the frame, high current conductors can cause hazardous sparks resulting in electrical fires or flying molten metal.*

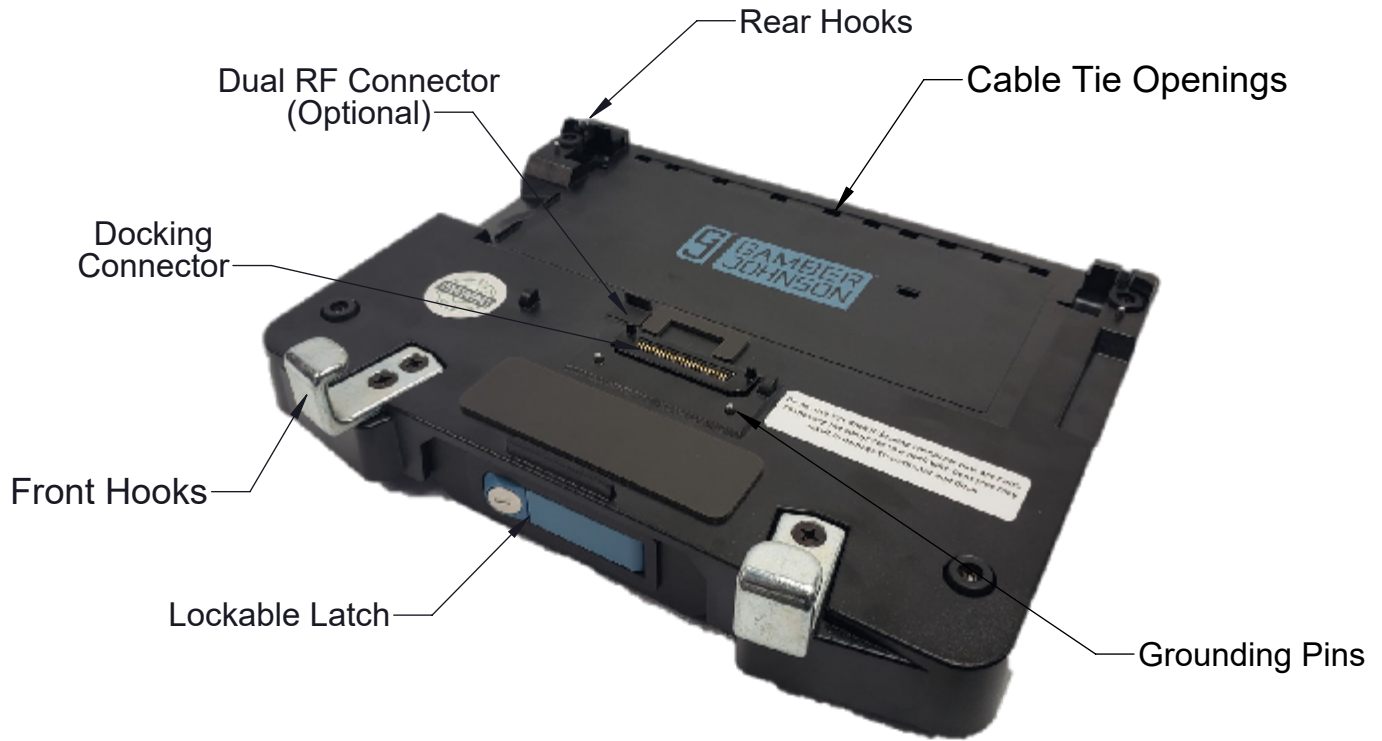
After installation:

Test the docking station to ensure that it is working properly.

File these instructions in a safe place and refer to them when performing maintenance or re-installing.

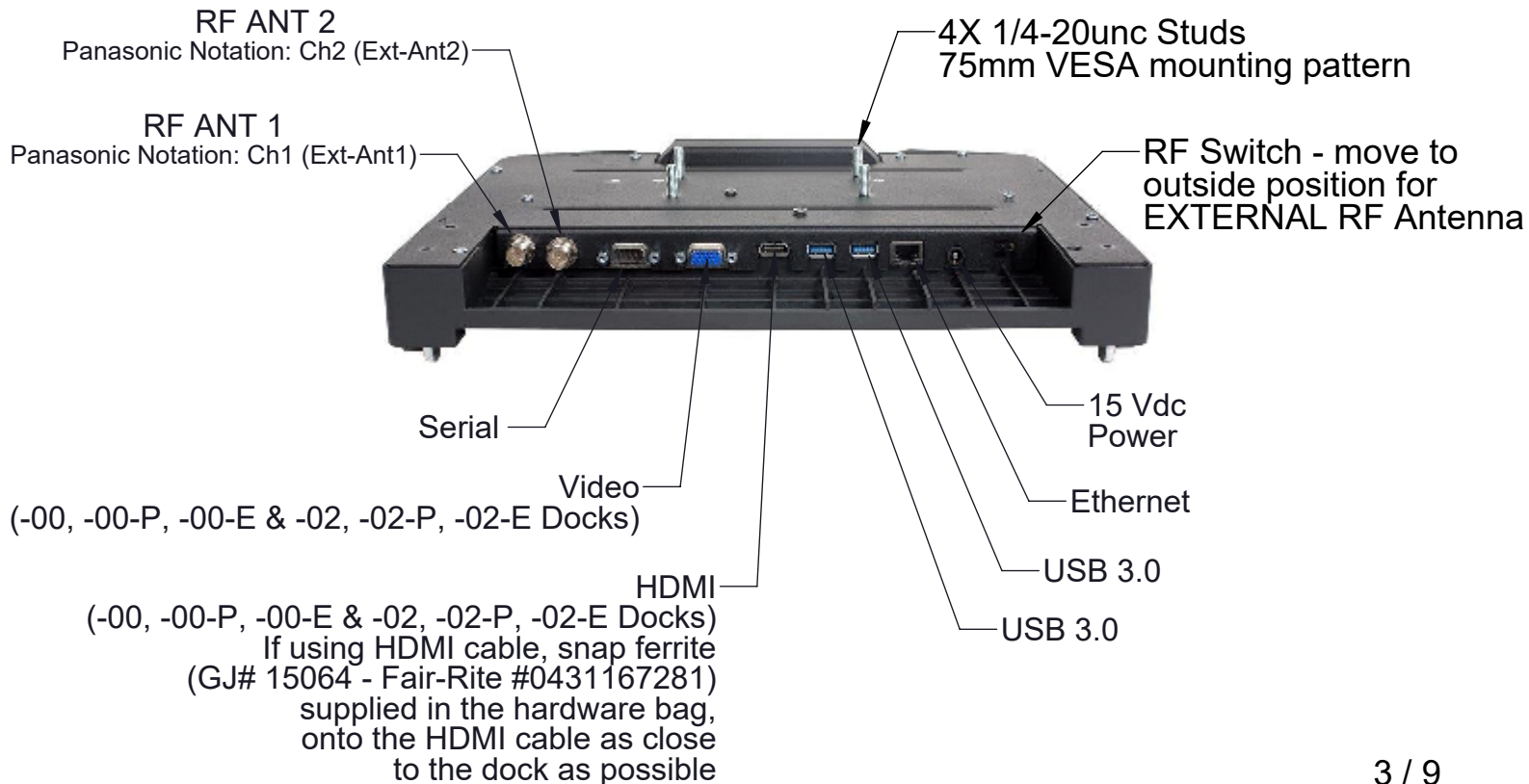
WARNING: *Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death.*

TOUGHBOOK 54/55 DOCKING STATION FEATURE IDENTIFICATION



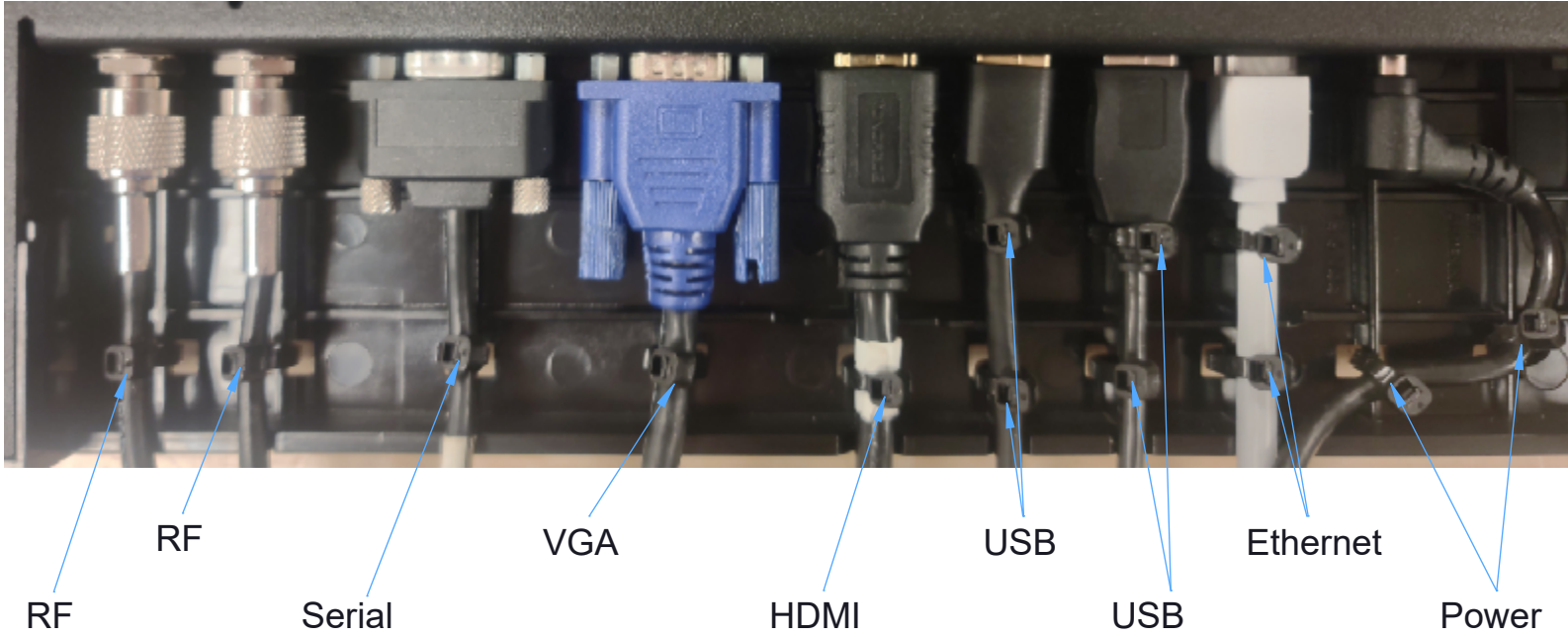
Power Supply Bracket 7120-0806 Included

See page 5 for instructions.



PROPER CABLE MANAGEMENT

1. REQUIRED - Use zip ties to secure each cable to the specific strain relief feature on the hub plastic.
2. OPTIONAL - Use zip ties to secure bundled cables for improved routing.



DOCKING THE COMPUTER

1. Push the Latch Button to open the latch if the dock is in the closed position.
2. Insert the front of the computer under the front hooks on the dock. Look at the handle to make sure the front of the computer is centered on the front hooks.
3. Lower the back of the computer down onto the dock and the docking connector.
4. **Lightly press down on the back of the computer to ensure it is fully seated** while closing the latch.
5. The rear hooks will engage the back of the computer to hold it in place.



TO UNDOCK THE COMPUTER

1. Press the Latch Button. The front latch is spring loaded and will automatically open. **Lightly press down on the back of the computer** and the rear hooks will retract from the computer.
2. Lift the back of the computer off the dock and docking connector.
3. Pull the front of the computer out from under the front hooks.



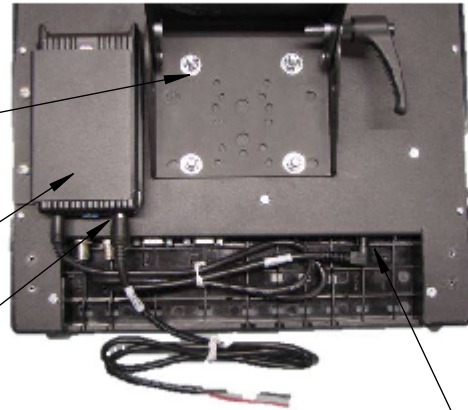
POWER SUPPLY INSTRUCTIONS

CONNECTING VEHICLE POWER TO TOUGHBOOK 54/55 DOCKING STATION WITH EXTERNAL POWER Adaptor (INCLUDED IN KIT 7170-0250 and 7170-0251)

Motion Attachent attached with
(4) 1/4-20unc nuts & washers

Attach Power Adaptor with mounting bracket

Connect power wire to 12Vdc Vehicle power



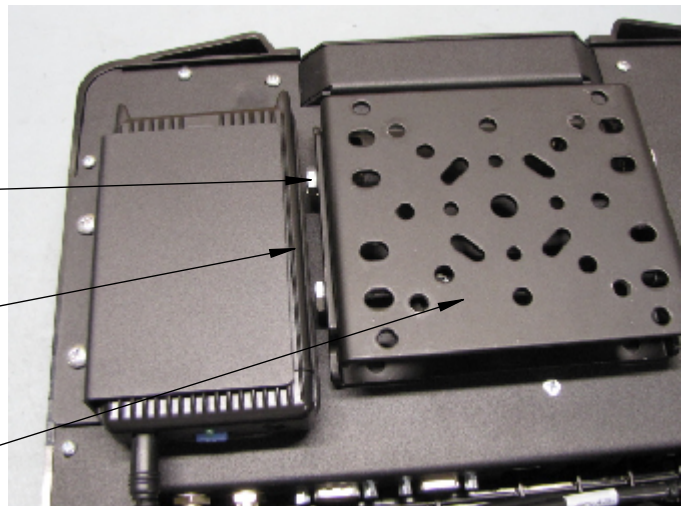
Insert power plug into power port, secure cable with cable ties

UNIVERSAL ADAPTER (7160-0454)

Replace washer head bolts with hex
head bolts supplied in hardware bag

Attach Universal Adapter to dock with
side flange toward power supply as shown

Attach Universal Adapter to dock with
(4) 1/4-20unc nuts & washers



Screen Support Installation

Screen supports are recommended on all laptop dock/cradles in high-vibration environments.

Screen support can be purchased from www.GamberJohnson.com

Part Number: 7110-1023



Screen Support Mounting Locations

Use #6-32 screws from screen support hardware bag to attach screen support to the left or right mounting location, do not over-torque screws.

Reccomended torque is 8-11 in/lbs.



Regulatory Certification Information

Regulatory Model #: 7160-0577

GJ Model #'s & Description:

7160-0577-00	Dock - Panasonic - CF54/55 - No RF - VESA 75
7160-0577-00-P	Dock - Panasonic - CF54/55 - No RF - VESA 75
7160-0577-00-E	Dock - Panasonic - CF54/55 - No RF - VESA 75
7160-0577-02	Dock - Panasonic - CF54/55 - Dual RF - VESA 75
7160-0577-02-P	Dock - Panasonic - CF54/55 - Dual RF - VESA 75
7160-0577-02-E	Dock - Panasonic - CF54/55 - Dual RF - VESA 75
7160-0577-20	Dock - Panasonic - CF54/55 Lite - No RF - VESA 75
7160-0577-20-P	Dock - Panasonic - CF54/55 Lite - No RF - VESA 75
7160-0577-20-E	Dock - Panasonic - CF54/55 Lite - No RF - VESA 75
7160-0577-22	Dock - Panasonic - CF54/55 Lite - Dual RF - VESA 75
7160-0577-22-P	Dock - Panasonic - CF54/55 Lite - Dual RF - VESA 75
7160-0577-22-E	Dock - Panasonic - CF54/55 Lite - Dual RF - VESA 75

Certifications:

- EN 55022:2010 CISPR 22:2008 Class B
- EN 50498:2010
- EN 50581:2012
- IEC 62368-1:2014
- EN 62368-1:2014 + A11:2017
- CAN/CSA-C22.2 No. 62368-1:2014
- UL 62368-1:2014
- E-Mark

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions. (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

 **10R-04 8017**



Gamber-Johnson LLC, 3001 Borham Ave., Stevens Point, WI, 54481, USA, 715-344-3482

EN: Safety instructions for proper use

Precautions for Operating the Car Mounter

- If a Malfunction Occurs, Immediately Unplug the Car Plug and Remove the Computer From this product
- Use Only the Specified Car Adaptor With This Product
- Avoid a Lot of Water, Moisture, Steam, Dust, Oily Vapors, etc
- Portions of your car mounter may differ somewhat from the illustrations in the operating instructions, but this should present no problems in actual use

For business users in the European Union. If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Precautions for Installing the Car Mounter

- Do Not Install This Product in Unstable State
- Do Not Install This Product Wherever There is a Lot of Water, Moisture, Steam, Dust, Oily Vapors, etc

DE: Sicherheitshinweise bei einer ordnungsgemäßen Nutzung

Vorsichtsmaßnahmen beim Einsatz der Fahrzeughalterung

- Entfernen Sie beim Auftreten einer Fehlfunktion unverzüglich das Fahrzeugnetzteil und trennen Sie die Verbindung zwischen Computer und dem Produkt
- Verwenden Sie nur das angegebene Fahrzeugnetzteil für das Produkt
- Wasser, Feuchtigkeit, Dampf, Staub, ölige Dämpfe usw. vermeiden
- Einige Bereiche Ihrer Automontagevorrichtung können von den Abbildungen in der Bedienungsanleitung geringfügig abweichen, was für die tatsächliche Nutzung jedoch unerheblich ist.

Für Kunden in der Europäischen Union. Bitte treten Sie mit Ihrem Händler oder Lieferanten in Kontakt, wenn Sie elektrische und elektronische Geräte entsorgen möchten. Er hält weitere Informationen für Sie bereit.

Vorsichtshinweise zum Einbau der Automontagevorrichtung

- Installieren Sie das Produkt nicht in instabilem Zustand
- Installieren Sie das Produkt nicht in der Umgebung von Wasser, Feuchtigkeit, Dampf, Staub, öligen Dämpfen usw.

FR: Consignes de sécurité pour une utilisation correcte

Précautions d'utilisation de auto monter

- En cas de dysfonctionnement, débrancher immédiatement la fiche et déconnecter l'ordinateur de ce produit.
- Ne connectez pas au port pour réseau local un câble téléphonique ou un câble réseau autre que ceux spécifiés.
- Éviter le contact de l'eau, de l'humidité, de la vapeur, de la poussière, des vapeurs graisseuses, etc.
- Certaines parties de votre auto monter peuvent différer quelque peu des illustrations imprimées dans les instructions d'utilisation mais cela ne doit présenter aucun problème lors de l'utilisation.

Utilisateurs professionnels de l'Union européenne. Pour en savoir plus sur l'élimination des appareils électriques et électroniques, contactez votre revendeur ou fournisseur.

Précautions à prendre pour l'installation de l'Auto monter

- Ne pas installer ce produit sur un support instable
- Ne pas installer ce produit en présence d'eau, d'humidité, de vapeur, de poussière, de vapeurs graisseuses, etc.

RUGGED. RELIABLE. RESPONSIVE

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