

Installation Instruction for MT3512 RAM VESA PLATE Mounting Kit

WARNING: Failure to install the mount correctly or modifications to the mount may result in serious injury or damage to property. Contact Psion Technical Support or your Psion representative if you have problems installing this mount. To ensure operator safety, you must use a calibrated torque wrench and the supplied mounting hardware when fastening the cradle and mount. Use of this mount in vehicles driven on public roads or highways is prohibited. Contact Psion for further details.

Before mounting an 8585/8595 in a vehicle, there are a number of operator safety issues that require careful attention. An improperly mounted 8585/8595 may result in one or more of the following: operator injury, property damage, operator visibility obstruction, operator distraction and/or poor ease of egress for the operator. Psion strongly recommends that you seek professional mounting advice from the vehicle manufacturer.

When mounting an 8585/8595 use only approved Psion mounting hardware and mounting parts which are specific to the 8585/8595 model purchased. Use of non-approved parts may result in one or more of the following: operator injury, property damage, operator visibility obstruction, operator distraction and/or poor ease of egress for the operator.

If it is necessary to mount the 8585/8595 overhead or in any position that could cause injury to the operator should the unit fall, it is critical that a secondary tether or other failsafe device be installed.

The following restrictions must be strictly enforced:

- Do not use the mount and/or the 8585/8595 as a hand-hold. Using the mount in this manner may cause the person to fall or dislodge the mounting hardware and/or mounts.
- Do not add weight or attach any other items to the mount or 8585/8595. Additional elements may fall causing injury or may increase chance of failure and/or damage in mounting hardware and/or mounts.

Mounts used in industrial or vibration generating environments may be subjected to fatigue, stress and/or part wear. A periodic inspection of the mounting hardware and mounts should be performed to ensure parts are retightened to the correct torque, free of fractures, excessive wear and/or other environmental damage. Any parts found to be unsafe should be removed and replaced immediately.

Section A

AI. Installation

Legend:	
A	8585/8595 VMT(Not supplied)
B	RAM Vesa Base (Small)
C	Washer M6 Flat
D	Washer M6 Spring
E	Screw M6 x 16 Hex Socket

Step 1: Assemble RAM Base to 8585/8595 VMT: For assembling the RAM Vesa Base (B) to the 8585/8595 Terminal (A) see **Figure 1**.

Figure 1: Apply Loctite 243 to Screw (E) threads (Note: Loctite not supplied by Psion). Place Screw (E) through Spring Washer (D), Flat Washer (C), RAM Vesa Base (B) and affix to 8585/8595 Terminal (A). Four places. Torque to 18 lbf-in.



Appendix A: Support Services

For technical support, please visit: <http://zebra.com/support>