**MTR2000 MOTOTRBO™ Upgrade Quick Reference Guide**

**ATTENTION!**
Document the current code plug settings of the MTR2000 before initiating the upgrade operation. These settings need to be manually entered into the MTR3000 CPS.

**Upgrading the MTR2000 to MTR3000**
The upgrade kit includes
- Exciter
- Receiver
- Station Control Module
- Front Bezel
- TORX Screws (not shown)
- MTR3000 FCC upgrade label (not shown)

Additional Items needed (not shown and not included):
- TORX T20 Screw Driver
- Type A to Type B USB cable (CLN8665)
- Computer installed with Customer Programming Software (CPS) (RVN5115)
- Optional: Ethernet cable for IP Site Connect and Capacity Plus (XA00032AA)

*Picture 1: Items packaged in the upgrade kit.*
Procedure:
1. Remove the MTR2000 front bezel.
2. Disconnect the Receiver and Exciter BNC connections.
3. Remove the two TORX screws which hold the Station Control Board, Exciter and Receiver in place.
4. Remove the Station Control Board, Exciter and Receiver from the MTR2000 station.
5. Remove the Wireline and/or AUX I/O Cards, if present.
6. Use the eight provided TORX screws to assemble the MOTOTRBO Exciter, Receiver and Control Board.
7. If applicable, connect the Ethernet cable to the station control module by either
   • routing it along side the option card chassis to the back of the station,
   OR
   • routing it through the front of the station on either side of the bezel edge.
8. Insert this assembled MOTOTRBO module into the chassis of MTR2000.
9. Secure the MOTOTRBO module with the two TORX screws.
10. Reconnect the Receiver and Exciter BNC connections.
11. Snap the new MTR3000 front bezel into place.
12. Use the USB cable to connect the CPS computer to the station.
13. Align the station with the Tuner Application.
14. Configure and write the original MTR2000 codeplug parameters into the station to unlock the station for operation.
15. Affix the provided MTR3000 FCC upgrade label to area noted in the picture below.

Notes:
- The label must not cover the serial number of MTR2000 station.
- The Tuner Application can be found in the CPS CD.
- Refer to Basic Service Manual (X347) for detailed instructions.