

# MMCABLE

## Battery Cap Cable Replacement Kit and Instructions

This kit includes those parts and instructions necessary to replace a broken or damaged battery cap retaining cable assembly on any existing MM400A/B/C Transmitter.

### Tools required:

- Vise grip pliers
- Small vise (or two vise grip pliers)
- Small Phillips head screwdriver
- Paper towels

### Parts included:

Qty	Part #	Description
2	28828	#2 Drive Screw
2	28807	#4 Drive Screw
2	28809	Washer
3	28632	2-56 x 3/16" SS Pan Phillips Screw
3	P1213	Plastic Shoulder Washer
1	26599	Battery Contact Spring
2	28541	2-56 x 1/8" SS Pan Phillips Screw
1	35877	O-Ring,
1	35900-1	Lanyard Cable
1	35900-2	Lanyard Cable
1	26596-1	Battery Cap, Plated
1	54144	Loctite 680, 0.5mL Capsule

For models:

**MM400A**

**MM400B**

**MM400C**



# Procedure

## Drive Screw Style Transmitter:

- 1) Ensure the unit is turned off. If necessary, remove the antenna and microphone. Unscrew the battery cap. Remove the battery and set aside.
- 2) While holding the case snugly, use the vise grips to grip the drive screw head on the case and with a counter-clockwise twisting motion, gently pull the drive screw from the case.
- 3) Find a new drive screw in the repair kit that matches the size of the drive screw removed from the transmitter.
- 4) Compare the new drive screw to the others in the kit. (There are two sizes of drive screws). Determine if it is the large or the small drive screw.
- 5) There are two different cable lanyards in the kit. Find the cable lanyard that matches the small or the big drive screw. **MAKE SURE THE BATTERY CAP END OF THE LANYARD HAS THE LARGER HOLE!**
- 6) Place a drop of the Loctite 680 in the drive screw hole in the transmitter case.

**NOTE:** The Loctite 680 will stick better if the hole is clean so get as much dirt out as possible.

- 7) **WIPE AWAY ANY LOCTITE 680** on the surface of the transmitter with a paper towel.
- 8) Slide the new lanyard cable and a spacing washer on the new drive screw. Use a pair of vise grips to press the new drive screw into the MM400x case until it stops. Be careful not to scratch the case - covering the jaws of the vise grips with duct tape will help protect the case.
- 9) The drive screw should NOT seat completely. If it does, the lanyard may not rotate freely, pull the drive screw out a small amount in the same manner as the drive screw was removed.
- 10) Place a drop of Loctite 680 in the threads (both sides) of the battery cap. **WIPE AWAY EXCESS LOCTITE** in the same way as before.
- 11) Using the shorter screw in the kit, place it through the spring and screw the battery contact spring to the inside of the battery cap.
- 12) Place a P1213 plastic shoulder washer through the hole in the lanyard cable from the flat side of the connector. (See diagram). Insert the screw through the small side of the plastic shoulder washer and screw this assembly to the battery cap, lightly tightening the screw (the Loctite will lock it in place).
- 13) After the Loctite 680 has set (approximately 10 minutes), place a new rubber O-Ring on the battery cap.
- 14) Reinstall the battery, antenna and microphone. The unit is now ready to return to operation.



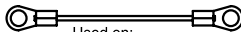
**CAUTION:** Before pressing the drive screw into the transmitter case, make sure the battery cap is screwed in and snug, or the pressure exerted may cause the case to become deformed around the battery compartment.


## Threaded Case Transmitter:

- 1) Ensure the unit is turned off. If necessary, remove the antenna and microphone. Unscrew the battery cap. Remove and set aside the battery.
- 2) Using a small Phillips head screwdriver, remove the screw that holds the lanyard cable to the transmitter case. It will be fairly snug as thread locking compound was applied at the factory.
- 3) Find the lanyard cable in the kit that has large holes in BOTH ends.
- 4) Place a P1213 plastic shoulder washer through the hole in the lanyard cable from the flat side of the connector. (See diagram). Do both ends.
- 5) Place a drop of Loctite 680 in the threads (both in the case and in both sides of the battery cap. **WIPE AWAY ANY EXCESS** Loctite 680 on the surface of both the case and the battery cap with a paper towel.
- 6) Insert a long screw through the small side of the plastic shoulder washer and screw the lanyard cable to the battery cap, lightly tightening the screw (the Loctite will lock it in place).
- 7) Insert a long screw through the small side of the plastic shoulder washer in the other end of the lanyard cable and screw it to the transmitter case, lightly tightening the screw (the Loctite will lock it in place).
- 8) Using the shorter screw in the kit, place it through the spring and screw the spring to the inside of the battery cap.
- 9) After letting the unit set for approximately 10 minutes, place a new rubber O-Ring in the groove on the battery cap.
- 10) Reinstall the battery, antenna and microphone. The unit is now ready to return to operation.

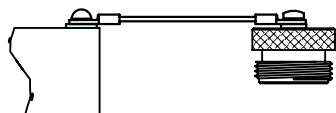


# Assembly Diagram

35900-1   
 Used on:  
 Bead Chain lanyard MM  
 Large drive screw MM case  
 Threaded MM case and battery cap

35900-2   
 Used on:  
 Small drive screw MM case

**Drive Screw Style**



**Threaded Style**

