

MX-4, CX-4

Phase Compensation Capacitor Replacement Procedure

This document describes the procedure for replacing the phase compensation capacitor in the MX-4 and CX-4.

The replacement capacitor is P/N 04030093, "20 μ F MFR-25 w. quick connect".

Safety information

Warning! Disconnect the fixture from power and allow to cool before servicing. Service must be carried out by qualified professional technicians only.

Replacement procedure

To replace the phase compensation capacitor:

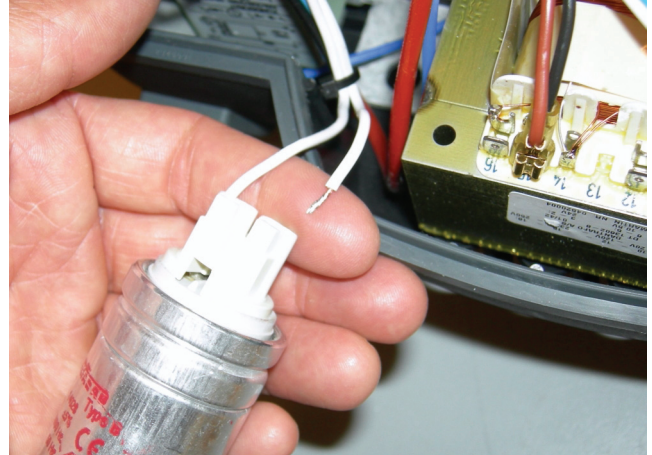
1. Remove the top cover.
2. Remove the 13 mm capacitor retaining nut and lock washer and pull the capacitor out of the fixture.
3. Cut the capacitor leads **as close to the capacitor as possible, as illustrated below – do not shorten the leads.**



If the capacitor leads are not in perfect condition, prepare new leads with white 0.75 mm² (18 AWG) wire.

4. Strip about 5 mm (slightly less than 1/4 inch) of insulation from the ends of the two leads and twist the ends of the wires to make the strands stiff. Press each end into a terminal on each

side of the new capacitor to establish a circuit through the capacitor (the capacitor is not polarized).



5. Fasten the new phase correction capacitor to the mounting bracket with the existing lock washer and nut.
6. Ensure that wires are clear of moving parts and secure them as necessary with strip ties.
7. Check that wires are not under tension and are in perfect condition.
8. Check that connections are secure.
9. Replace the cover before reapplying power.

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