

# RoboScan Pro 918

## Phase Compensation Capacitor Replacement Procedure

This document describes the procedure for replacing the phase compensation capacitor in the RoboScan Pro 918.

The replacement capacitor is P/N 04030088, "MFR-1/C 60 $\mu$ F w. terminals".

### Safety information

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

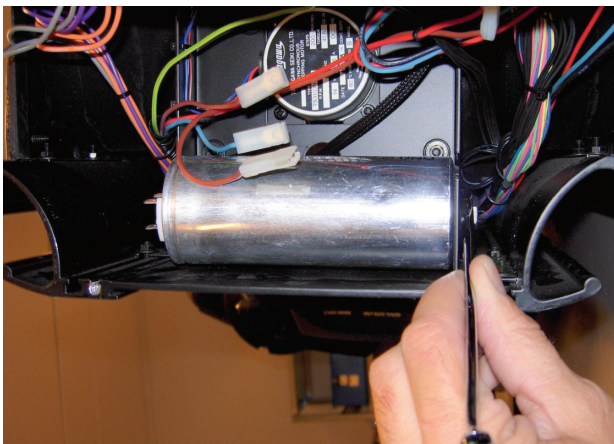
### Replacement procedure

To replace the phase compensation capacitor:

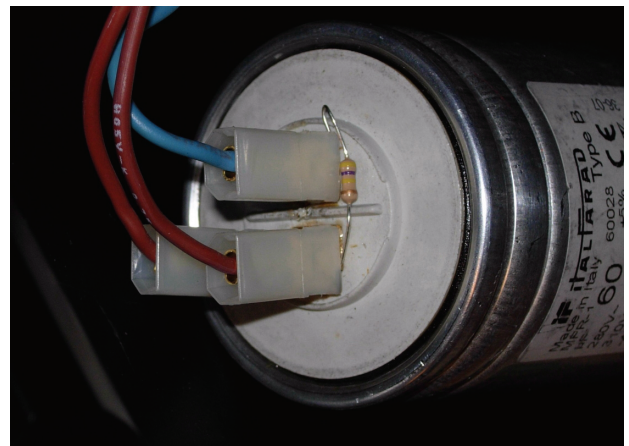
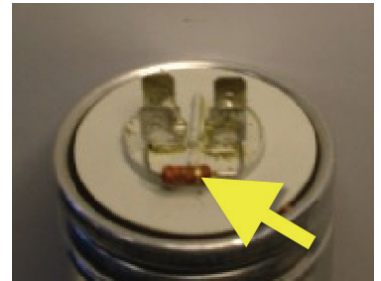
1. Remove the four upper screws from the end plate on the mirror end of the fixture and pull off the end plate.



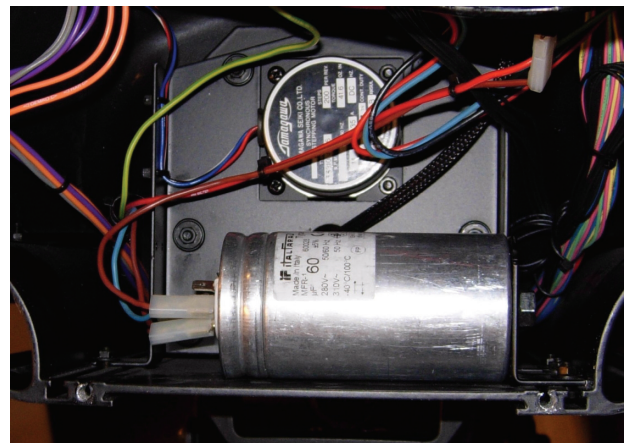
2. Remove the 13 mm capacitor retaining nut. Disconnect and remove the capacitor.



3. Check that a bleed resistor is soldered across the terminals on the new capacitor as illustrated on right.
4. Connect the brown leads to one set of terminals. (The capacitor is not polarized.) Connect the blue lead to either one of the other terminals.



5. Fasten the new capacitor to the mounting bracket using the existing lock washer and nut.



6. Check that all cables are still connected to the PCB, that all wires are in perfect condition and secured clear of moving parts, and that all connections are secure.
7. Replace the end plate before applying power.

**Martin**<sup>®</sup>