



**01-010C
2 May, 2007**

M100H AND M152 Rx CELL REBUILD KITS

I. PURPOSE:

To provide a guide for our customers in identifying parts for the M100 and M152 reaction cell when ordering spare parts. This procedure applies to the M100 and M152 reaction cell rebuild kits only.

II. TOOLS:

N/A

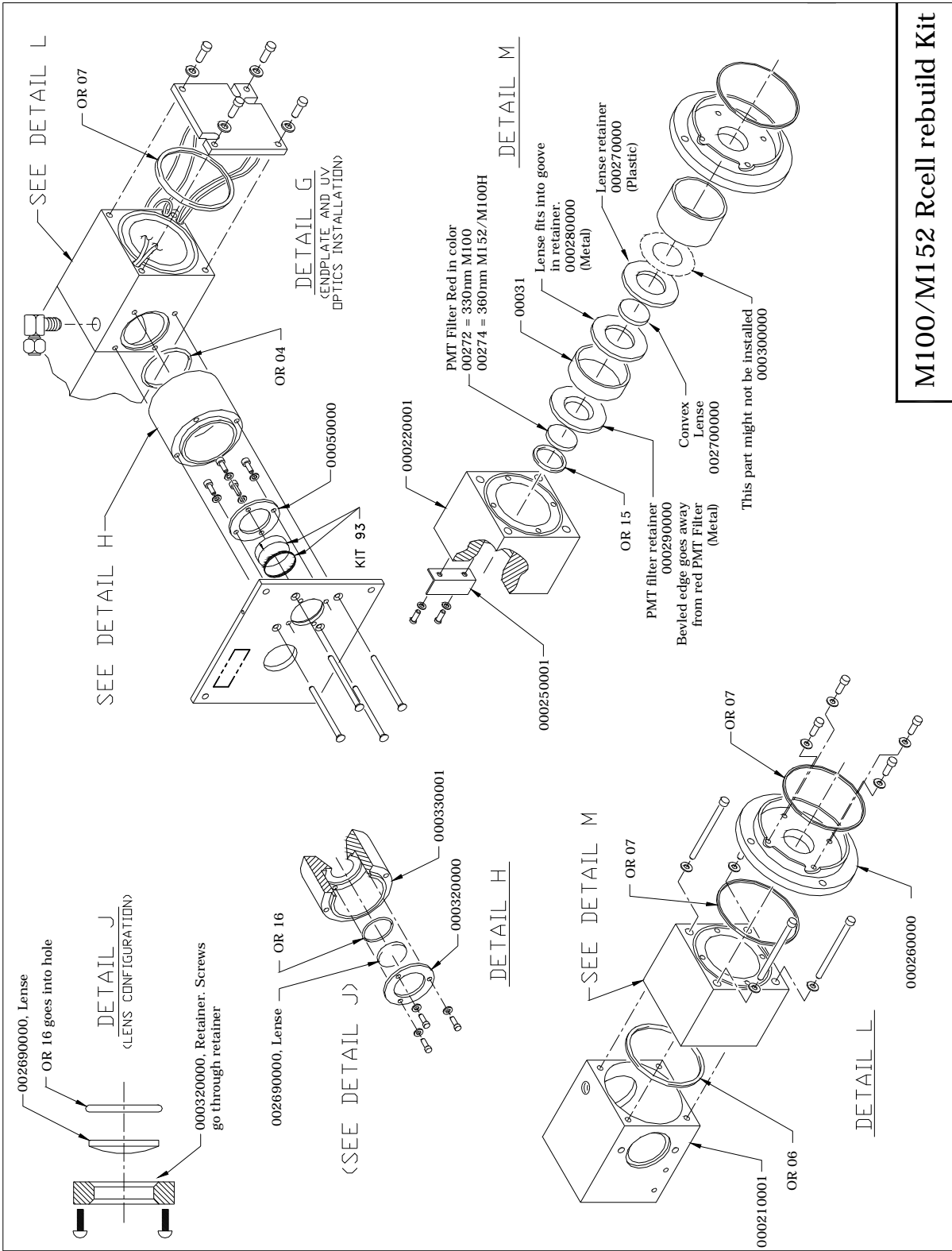
III. PARTS:

KIT 136 M100 Rx Cell rebuild kit

KIT 137 M100H an M152 Rx Cell rebuild kit

IV. PROCEDURE:

1. As a general guideline the M100 instrument is used for ambient monitoring, in this configuration it has a 330 nm PMT filter in it. This configuration uses the KIT 136 Rx Cell rebuild kit.
2. The M100H and M152 instruments are used for stack monitoring and they have the 360 nm PMT filter in them and will use the KIT 137 Rx Cell rebuild kits.
3. See the diagram below for locations of components and their associated part numbers. **CAUTION: DO NOT EXPOSE PMT TO DIRECT LIGHT**, this may cause the instrument to have high readings on Zero.
4. If you have questions about prices and availabilities call either your representative/distributor or the Teledyne API sales department.
5. One caution, keep track of how this instrument comes apart, i.e. the parts must go back into the sensor in the same order they were taken out. If not the sensor will not work and there might be a possibility that you may have to return the instrument to the factory for re-assembly



M100/M152 Rcell rebuild Kit