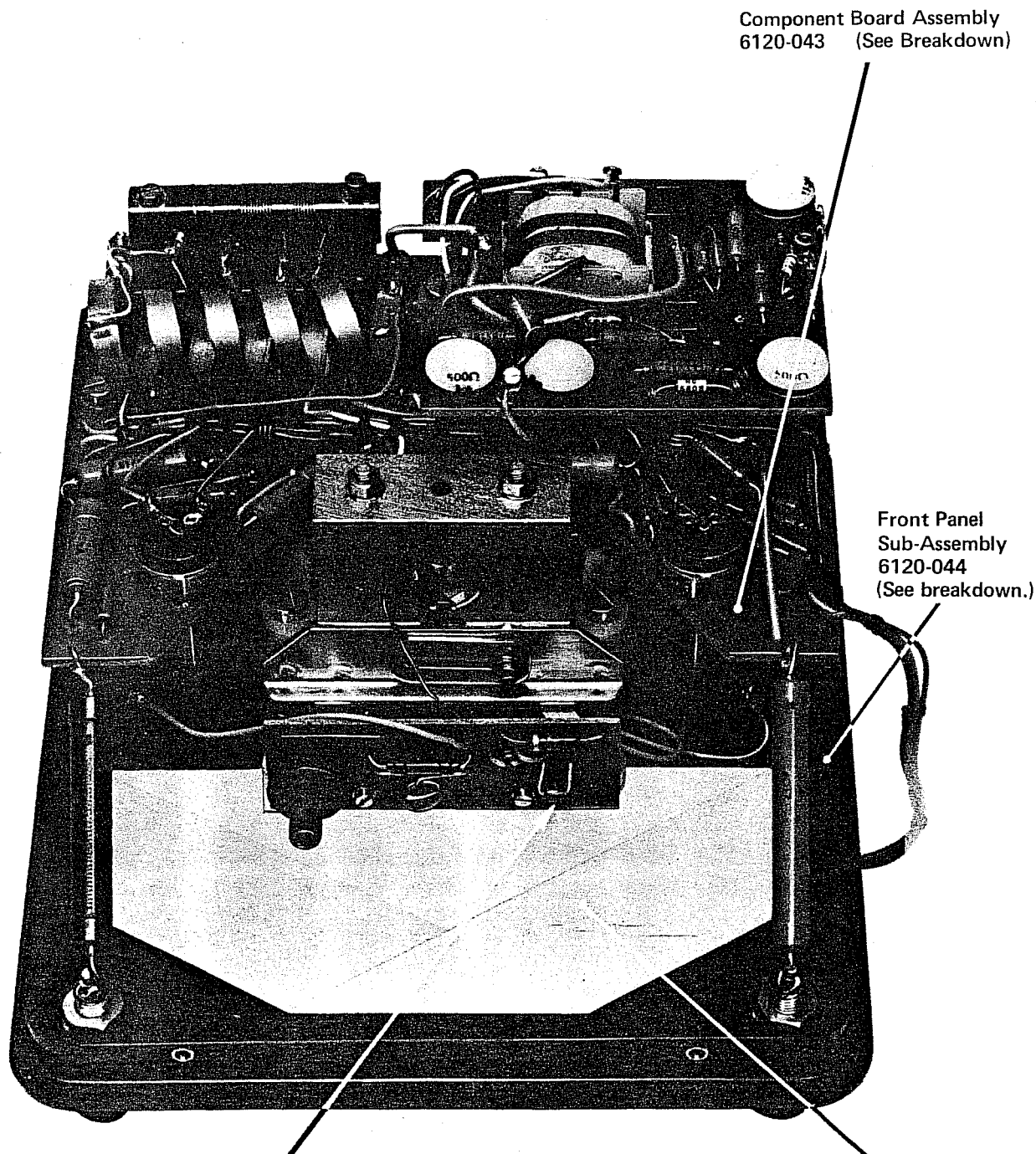




Customers complaining of problems when measuring common mode voltage sources should be advised to remove this diode (D 7). They should notify the Company in writing quoting the serial number of the instrument so that the warranty, which would be otherwise withdrawn because the seal was broken, can be extended.

Meter Movement Assembly  
6120-045  
(See breakdown.)

#### MODEL 9 MARK 4:

|                          |   |            |
|--------------------------|---|------------|
| Component Board Assembly | — | 6120 - 143 |
| Front Panel Sub-Assembly | — | 6120 - 144 |
| Meter Movement Assembly  | — | 6120 - 145 |

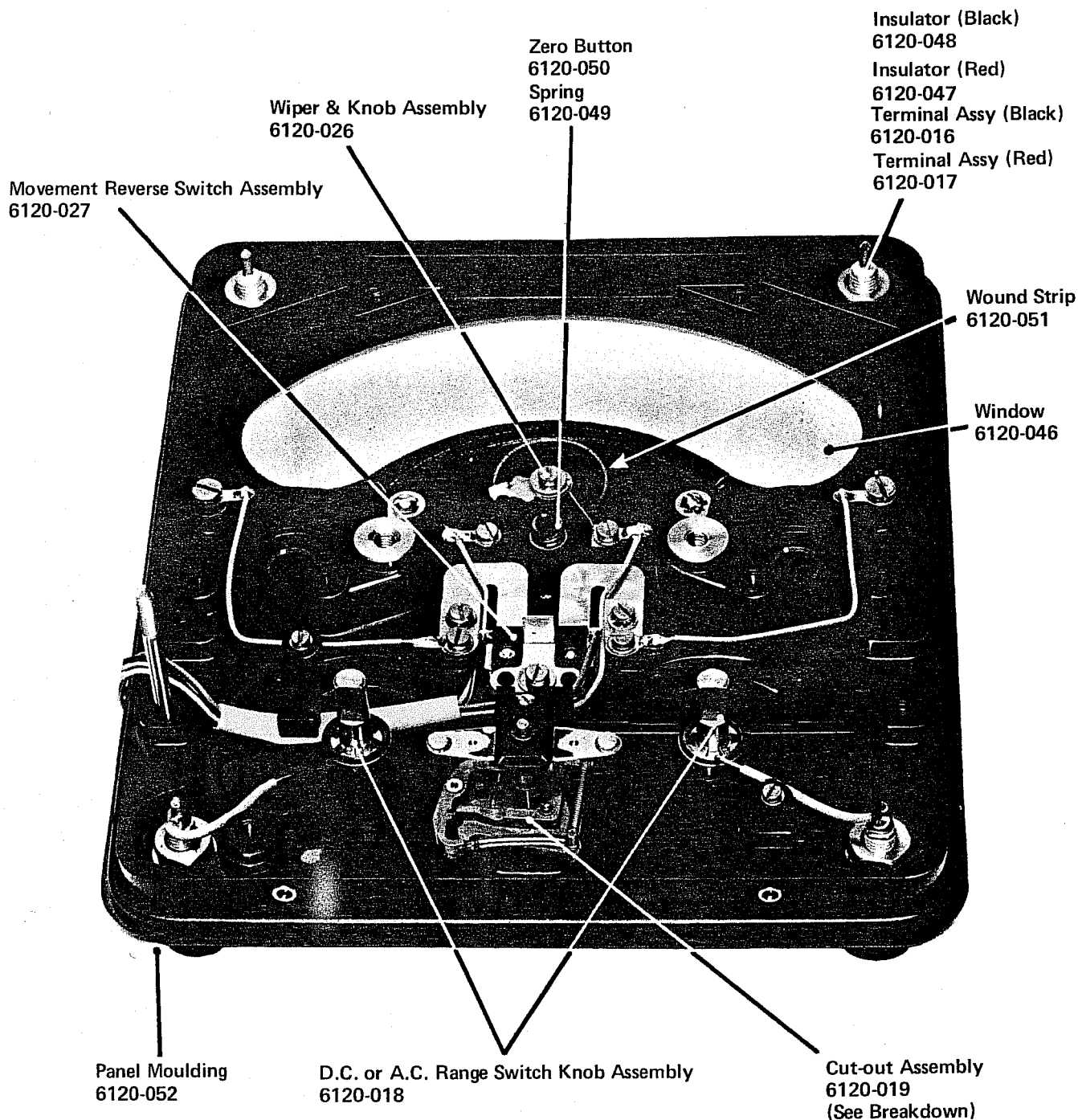
### Plate 3: Front Panel Assembly

Note: **Terminal Assembly** comprises: Socket, nut, collar and either red or black insulator.

**Wiper and Knob Assembly** comprises: Knob, contact arm, two washers and screw.

**Movement Reverse Switch Assembly** comprises: both pairs of upper and lower contact assemblies.

**D.C. and A.C. Range Switch Knob Assembly** comprises: Knob, spring, ball and circlip.

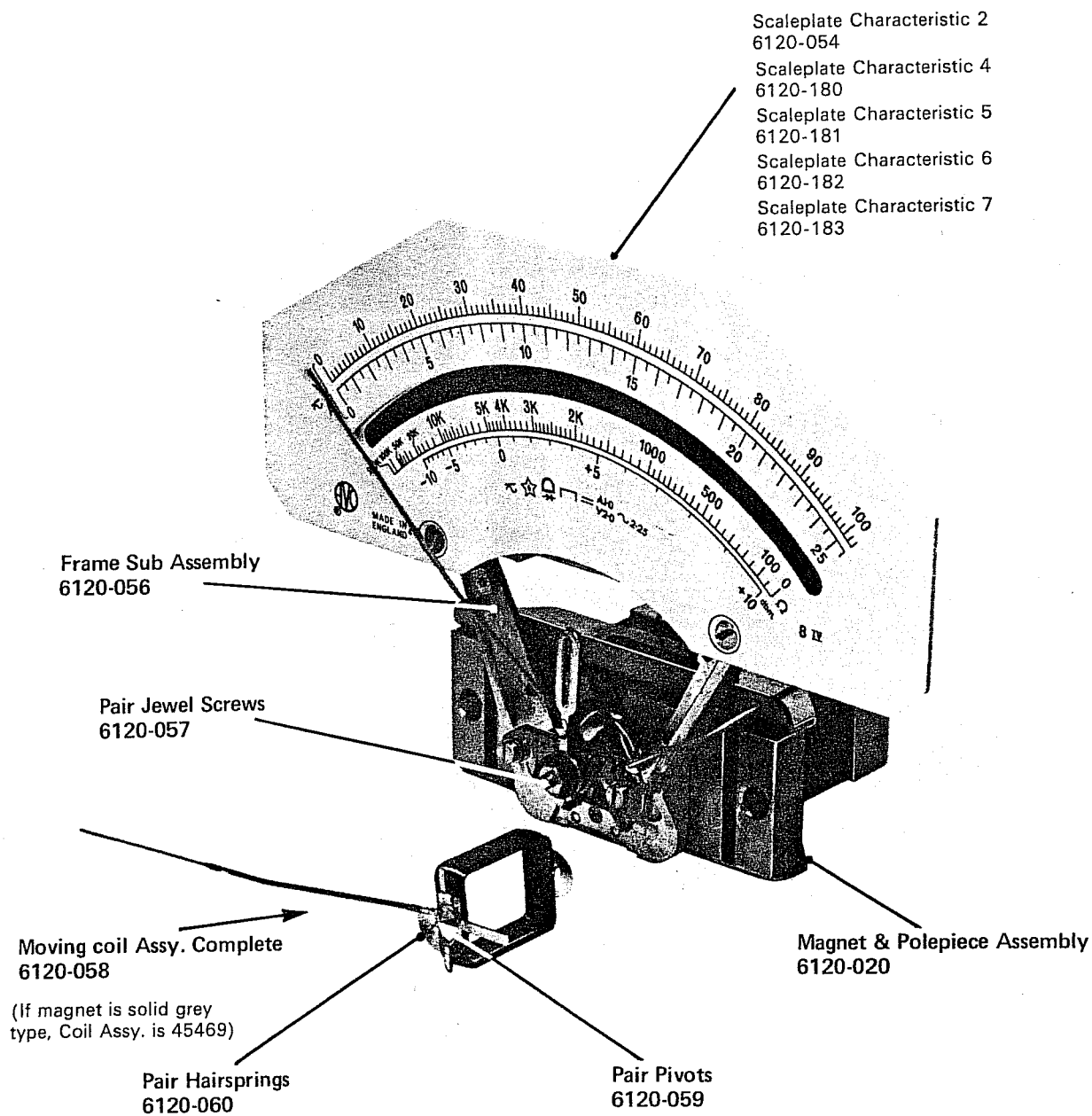


Push-on Knob, Ohms & ohms x100 not shown  
6120-025

MODEL 9 MARK 4:  
Panel Moulding — 6120 - 152

**Plate 4: Front Panel Sub-Assembly**

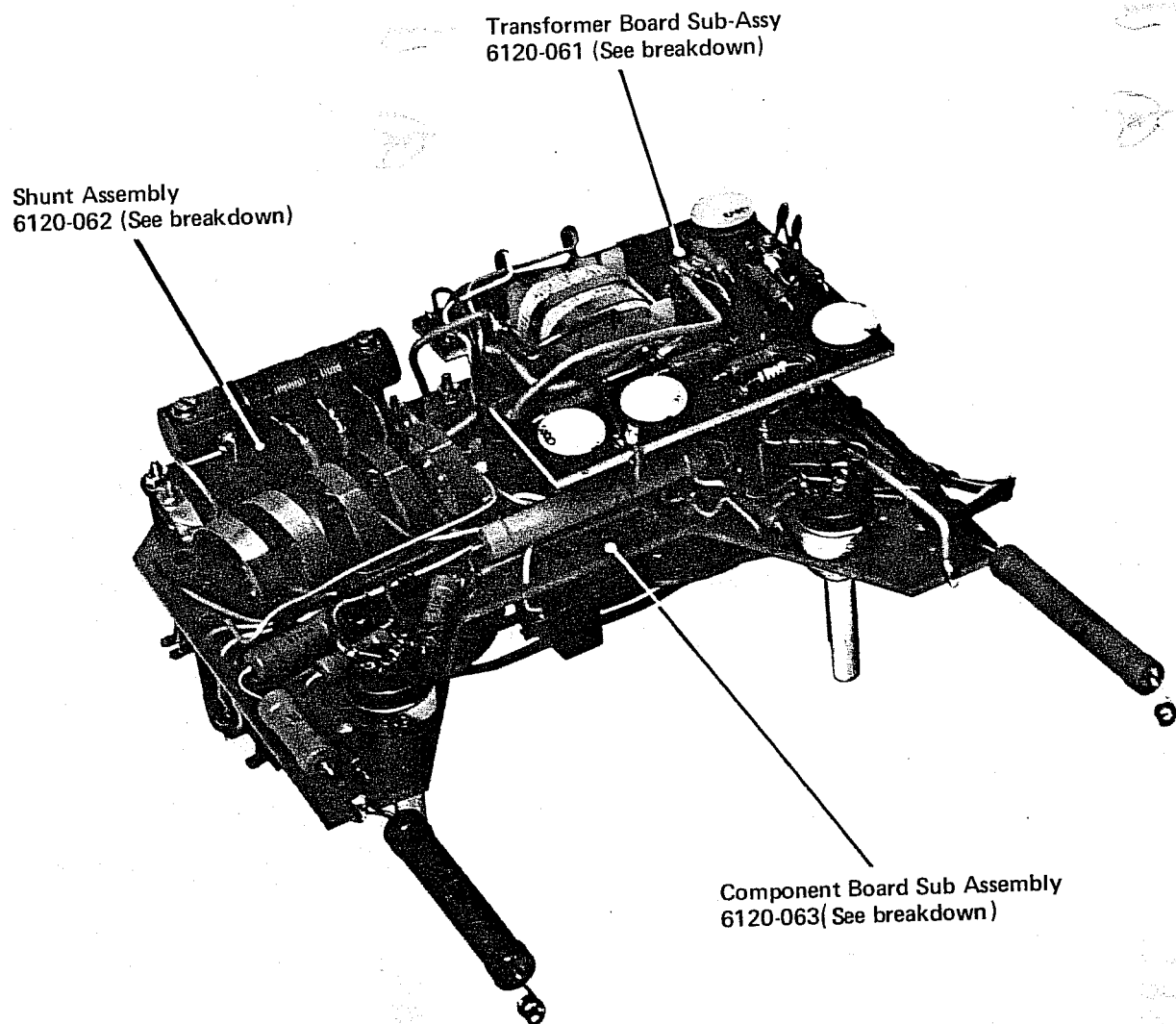
Note: Movements have scaleplates selected during calibration, which give the most accurate scale shape. If magnets, moving coils or hairsprings are changed, it may be necessary to use a scale having a different characteristic.



#### MODEL 9 MARK 4:

|                               |   |            |
|-------------------------------|---|------------|
| Scaleplate — Characteristic 1 | — | 6120 - 153 |
| Scaleplate — Characteristic 3 | — | 6120 - 155 |
| Scaleplate — Characteristic 4 | — | 6120 - 176 |
| Scaleplate — Characteristic 6 | — | 6120 - 178 |
| Scaleplate — Characteristic 7 | — | 6120 - 179 |

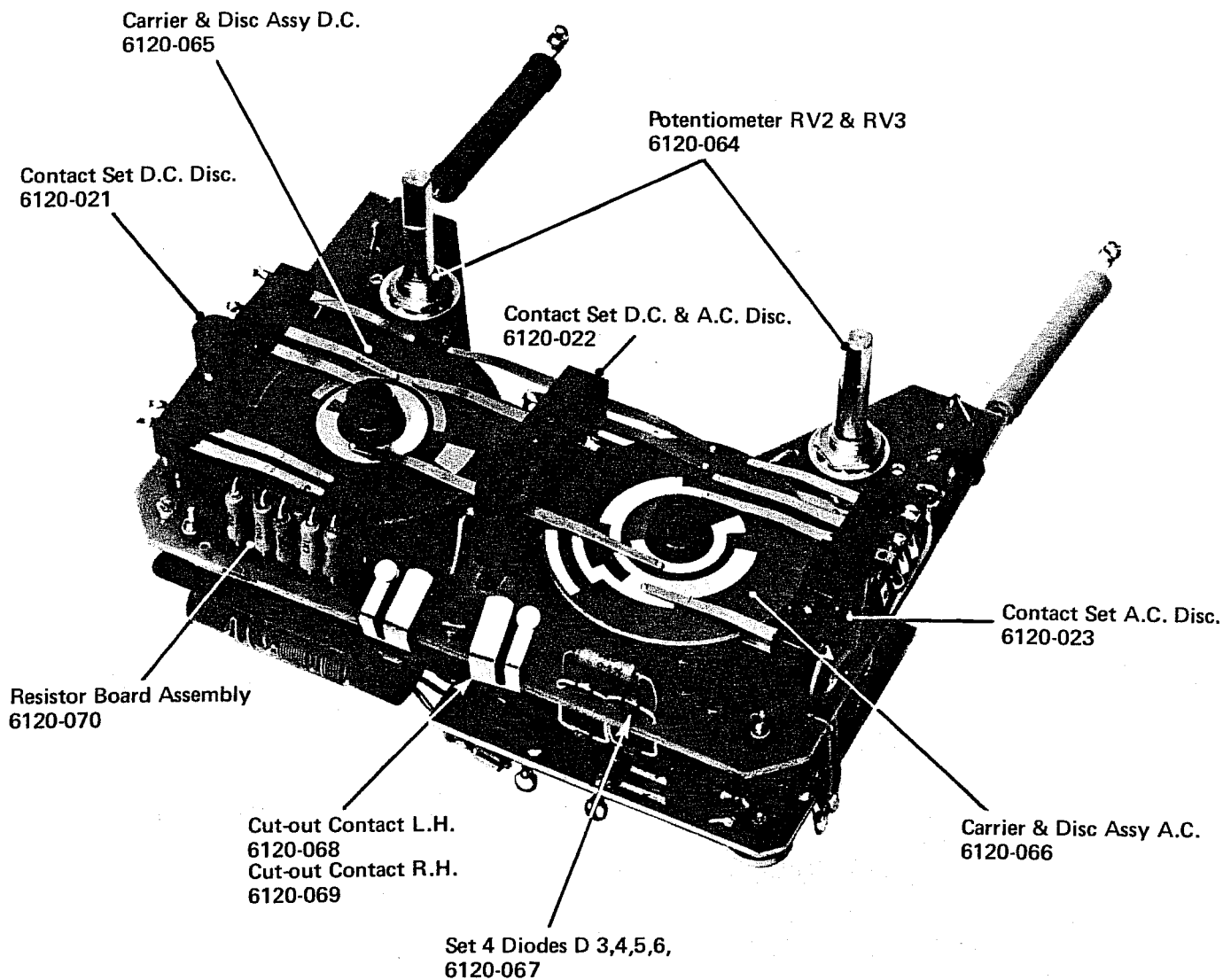
### Plate 5: Meter Movement Assembly



MODEL 9 MARK 4:

|                                |   |            |
|--------------------------------|---|------------|
| Transformer Board Sub-Assembly | — | 6120 - 161 |
| Component Board Sub-Assembly   | — | 6120 - 163 |

**Plate 6: Component Board Assembly**



Switch ring not shown  
6120-071

Pair Wipers not shown  
6120-072

MODEL 9 MARK 4:  
Resistor Board Assembly — 6120 - 171

## Plate 7: Component Board Sub-Assembly

Note: Alternative diodes 28421-802 or 28421-804.

### Transformer Board Assembly

Transformer Sub Assy.  
6120-073

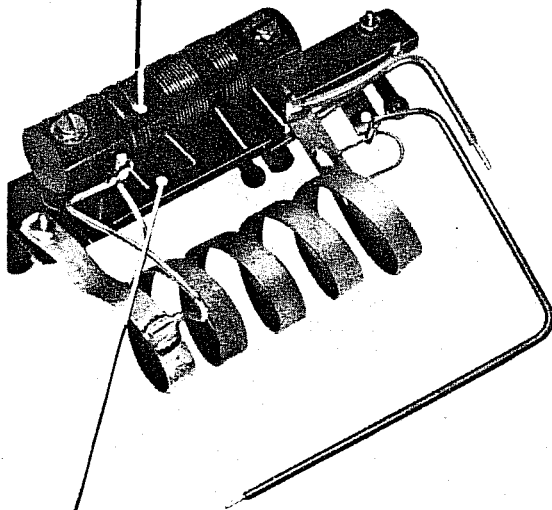
Potentiometer RV7  
27113-810

Potentiometer RV1 & RV4  
27113-825

Diode 0A 47 D 1 & 2.  
6120-024

Potentiometer RV6  
27113-833

Shunt R 10,11,12.  
6120-074



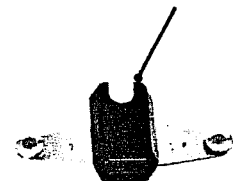
Shunt Board  
6120-075

### Shunt Assembly

Cut-out Knob Assy.  
6120-077

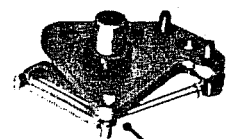


Moving Contact Assy,  
6120-076



Complete Cut-out Kit.  
6120-019

Cut-out Assy.  
6120-078



### Cut-Out Assembly

