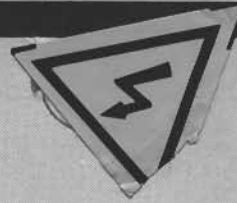


# TANDBERG

## TR 220 G

# Illustrated Parts List



### INSTRUCTIONS FOR ORDERING REPLACEMENT PARTS

For service and replacement parts contact your nearest Tandberg office or

write to: Tandbergs Radiofabrikk A/S  
Service and Spares Department  
P.O. Box 218  
N 1301 Sandvika, Norway

Telex: 18007 kurer n

When ordering please quote the model number together with the ordering number and the full description of each part required.

Example: Model Dual 1225  
713547 Spindel  
713803 Platetallerken

Note! The numbers on the illustrations are index numbers and must not be used when ordering. Please refer to the parts list for the ordering number and description.

### INSTRUKS FOR BESTILLING AV DELER

For service og servicedeler kontakt nærmeste Tandberg kontor eller bruk adressen som er vist ovenfor.

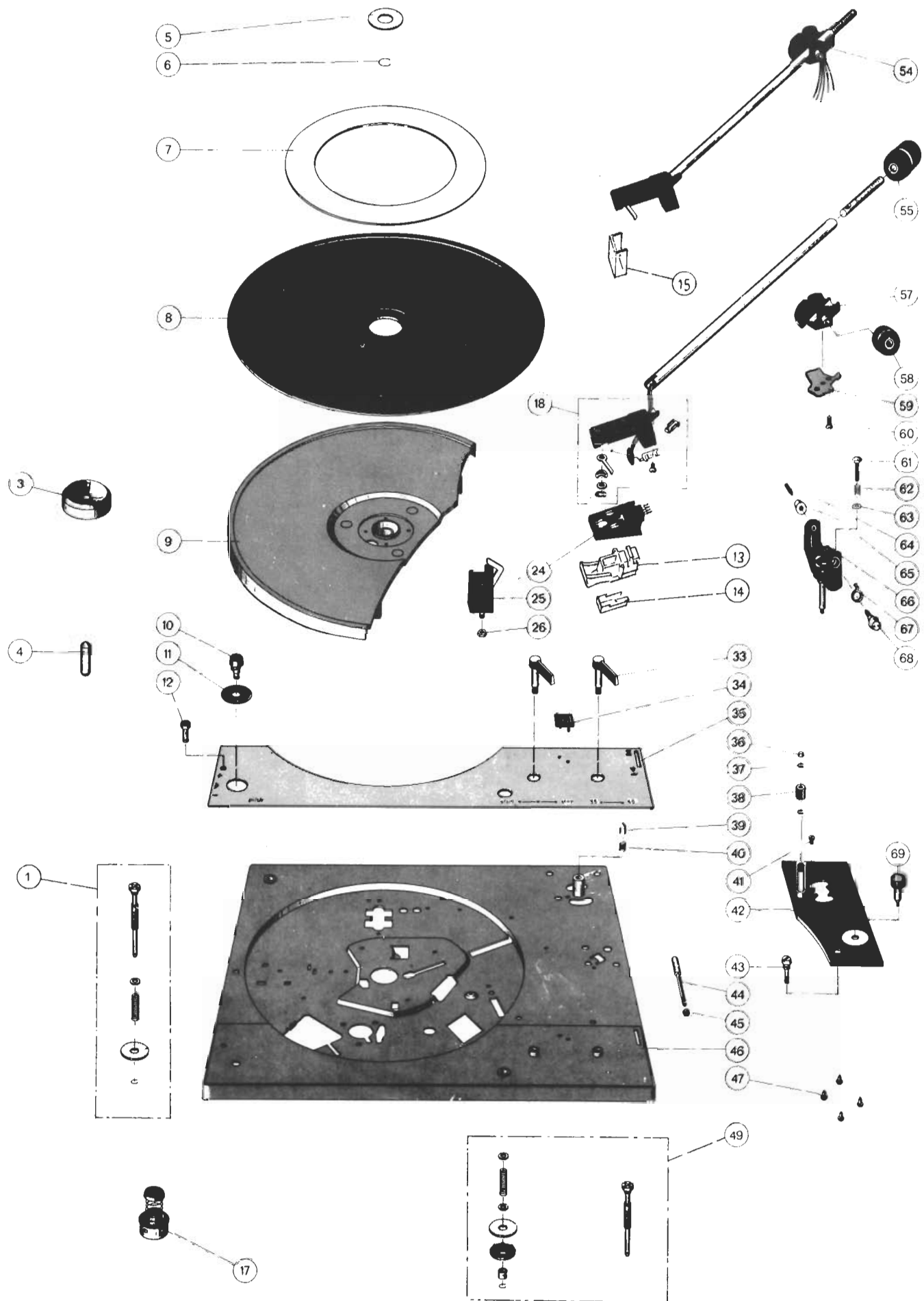
Modellnummer må alltid oppgis ved bestilling av deler. Bestillingsnr. og beskrivelse finnes i listen.

Eksempel: Modell Dual 1225  
713547 Spindel  
713803 Platetallerken

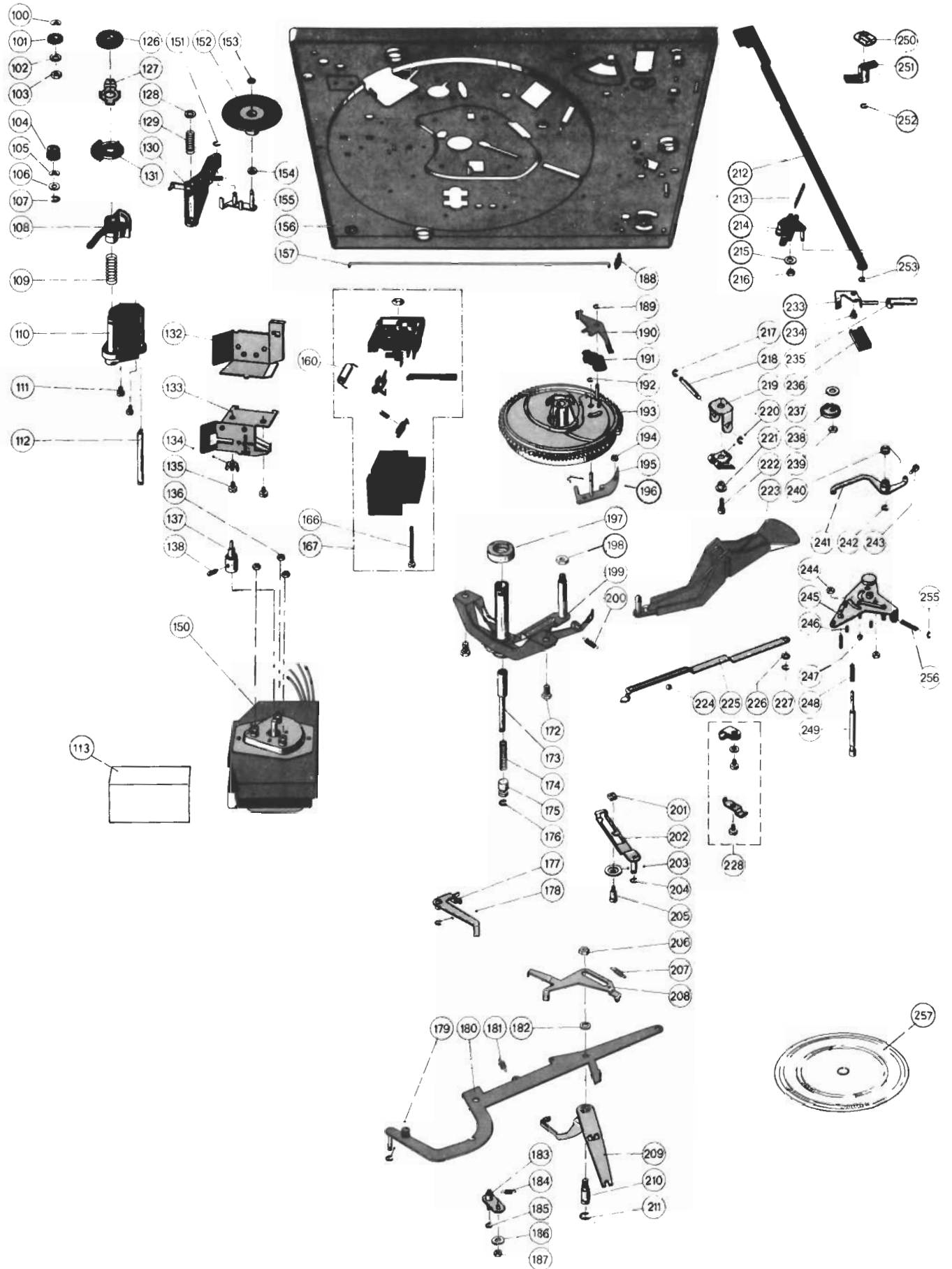
Merk! Tallene på tegningen er indeksnumre og må ikke brukes ved bestilling. Bestillingsnr. og beskrivelse finnes i listen.



| Index | SPECIFY THIS WHEN ORDERING |                        | Description (notes)          | Reference |
|-------|----------------------------|------------------------|------------------------------|-----------|
|       | Ordering No.               | Beskrivelse (merkader) |                              |           |
| 1     | 992936                     | Skrue                  | Screw, transport, assembly   |           |
| 3     | 713640                     | Adapter                | Disc, centring               |           |
| 4     | 713547                     | Spindel                | Spindle                      |           |
| 5     | 713618                     | Skive                  | Disc, facing                 |           |
| 6     | 713543                     | Ring                   | Ring, retaining              |           |
| 7     | 713705                     | Ring                   | Ring, facing                 |           |
| 8     | 713802                     | Matte                  | Mat, turntable, complete     |           |
| 9     | 713803                     | Platetallerken         | Turntable, complete          |           |
| 10    | 713708                     | Knapp                  | Knob, speed regulator        |           |
| 11    | 713706                     | Ring                   | Ring, dial                   |           |
| 12    | 713659                     | Skrue                  | Screw, adjustment            |           |
| 13    | 713863                     | Pickup                 | Cartridge, DMS 210           |           |
| 14    | 713864                     | Stift                  | Stylus, DN 211 for DMS 210   |           |
|       | 713666                     | Stift                  | Stylus, DN 201 for DMS 200   |           |
| 15    | 950217                     | Mal                    | Template, cartridge mounting |           |
| 17    | 713806                     | Oppheng                | Suspension, complete         |           |
| 18    | 713807                     | Hode                   | Head, tone arm, with lead    |           |
| 24    | 713622                     | Holder                 | Mounting, cartridge, TK 14   |           |
| 25    | 713808                     | Støtte                 | Support, tone arm, assembly  |           |
| 26    | 219162                     | Mutter                 | Nut, 3 mm                    |           |
| 33    | 713720                     | Hendel                 | Lever                        |           |
| 34    | 713653                     | Skilt                  | Plate, name                  |           |
| 35    | 713818                     | Plate                  | Plate, 1225                  |           |
| 36    | 713624                     | Knapp                  | Knob                         |           |
| 37    | 237970                     | Skive                  | Washer, lock, 1.5 mm         |           |
| 38    | 713634                     | Hylse                  | Sleeve, adjuster             |           |
| 39    | 713683                     | Tapp                   | Pivot, bearing               |           |
| 40    | 713689                     | Fjær                   | Spring, compression          |           |
| 41    | 210556                     | Skrue                  | Screw, 3 x 3 mm              |           |
| 42    | 713824                     | Deksel                 | Cover, with lift pin         |           |
| 43    | 713674                     | Skrue                  | Screw, adjuster              |           |
| 44    | 713709                     | Arm                    | Handle, tone arm             |           |
| 45    | 268192                     | Mutter                 | Nut, 2 mm                    |           |
| 46    | 713817                     | Plate                  | Plate, chassis               |           |
| 47    | 713613                     | Nagle                  | Pin, semicircular, 2 x 6 mm  |           |
| 49    | 713620                     | Skrue                  | Screw, transport, assembly   |           |
| 54    | 713820                     | Arm                    | Tone arm, complete           |           |
| 55    | 713821                     | Vekt                   | Weight                       |           |
| 57    | 713823                     | Lager                  | Bearing, complete            |           |
| 58    | 713809                     | Hus                    | Housing, spring              |           |
| 59    | 713704                     | Plate                  | Plate                        |           |
| 60    | 237905                     | Skrue                  | Screw, 3 x 8 mm              |           |
| 61    | 713703                     | Skrue                  | Screw, adjusting             |           |
| 62    | 713794                     | Fjær                   | Spring, compression          |           |
| 63    | 215320                     | Skive                  | Washer, 3.4 x 6 x 0.5 mm     |           |
| 64    | 713627                     | Skrue                  | Screw, set                   |           |
| 65    | 713702                     | Mutter                 | Nut, lock                    |           |
| 66    | 713810                     | Brakett                | Bracket, bearing, complete   |           |
| 67    | 713701                     | Viser                  | Pointer                      |           |
| 68    | 713707                     | Skrue                  | Screw, bearing               |           |
| 69    | 713725                     | Knapp                  | Knob, antiskating            |           |



| Index | SPECIFY THIS WHEN ORDERING |                         | Description (notes)                | Reference |
|-------|----------------------------|-------------------------|------------------------------------|-----------|
|       | Ordering No.               | Beskrivelse (merknader) |                                    |           |
| 100   | 713796                     | Skive                   | Washer, spring, 6.4 x 11 x 0.15 mm |           |
| 101   | 713671                     | Hjul                    | Wheel, adjusting                   |           |
| 102   | 215320                     | Skive                   | Washer, 3.4 x 6 x 0.5 mm           |           |
| 103   | 265218                     | Mutter                  | Nut, 3 mm                          |           |
| 104   | 713660                     | Hjul                    | Wheel, adjusting                   |           |
| 105   | 713581                     | Skive                   | Washer, lock                       |           |
| 106   | 936930                     | Skive                   | Washer, 4.2 x 8 x 1 mm             |           |
| 107   | 239651                     | Skive                   | Washer, lock, 3.2 mm               |           |
| 108   | 713669                     | Segment                 | Segment, selector                  |           |
| 109   | 713697                     | Fjær                    | Spring, compression                |           |
| 110   | 713684                     | Brakett                 | Bracket, complete                  |           |
| 111   | 206842                     | Skrue                   | Screw, 3 x 4 mm                    |           |
| 112   | 713698                     | Aksel                   | Spindle, bearing                   |           |
| 113   | 349950                     | Brakett                 | Bracket, motor                     |           |
| 126   | 713672                     | Hjul                    | Wheel, regulator                   |           |
| 127   | 713693                     | Plate                   | Plate, regulator                   |           |
| 128   | 713601                     | Skive                   | Washer, 3.2 x 8 x 1 mm             |           |
| 129   | 713699                     | Fjær                    | Spring, compression                |           |
| 130   | 713685                     | Arm                     | Lever, change                      |           |
| 131   | 713670                     | Skive                   | Washer, adjustment                 |           |
| 132   | 713711                     | Plate                   | Plate, screen                      |           |
| 133   | 713811                     | Vender                  | Switch, muting, complete           |           |
| 134   | 713607                     | Loddeøgre               | Lug, soldering                     |           |
| 135   | 210556                     | Skrue                   | Screw, 3 x 3 mm                    |           |
| 136   | 200457                     | Mutter                  | Nut, 4 mm                          |           |
| 137   | 713800                     | Hjul                    | Pulley, motor, 50 Hz               |           |
|       | 713801                     | Hjul                    | Pulley, motor, 60 Hz               |           |
| 138   | 713779                     | Skrue                   | Screw, set, 2.5 x 3.5 mm           |           |
| 150   | 713834                     | Motor                   | Motor, 4 pole, 110/220 V, AM400    |           |
| 151   | 239651                     | Skive                   | Washer, lock, 3.2 mm               |           |
| 152   | 713630                     | Hjul                    | Wheel, idler                       |           |
| 153   | 713544                     | Skive                   | Washer, lock, 3.2 mm               |           |
| 154   | 713700                     | Skive                   | Washer, plastic                    |           |
| 155   | 713710                     | Arm                     | Arm, idler                         |           |
| 156   | 713817                     | Plate                   | Plate, chassis                     |           |
| 157   | 713667                     | Stang                   | Rod, control                       |           |
| 160   | 713570                     | Kondensator             | Capacitor, 10nF/1000 V/10%         |           |
| 166   | 203194                     | Skrue                   | Screw, 3 x 28 mm                   |           |
| 167   | 713829                     | Bryter                  | Switch, power, complete            |           |
| 170   | 260807                     | Skrue                   | Screw, 3 x 35 mm                   |           |
| 171   | 713825                     | Plate                   | Plate, connection with cover       |           |
| 172   | 713633                     | Skrue                   | Screw, 4 x 6 mm                    |           |
| 173   | 713712                     | Bolt                    | Bolt, change actuator              |           |
| 174   | 713615                     | Fjær                    | Spring, compression                |           |
| 175   | 713616                     | Bøssing                 | Bushing                            |           |
| 176   | 230542                     | Skive                   | Washer, lock, 2.3 mm               |           |
| 177   | 713695                     | Sleide                  | Slide, switch                      |           |
| 178   | 230542                     | Skive                   | Washer, lock, 2.3 mm               |           |
| 179   | 230542                     | Skive                   | Washer, lock, 2.3 mm               |           |
| 180   | 713686                     | Arm                     | Arm, shift                         |           |
| 181   | 713694                     | Fjær                    | Spring, tension                    |           |
| 182   | 215320                     | Skive                   | Washer, 3.4 x 6 x 0.5 mm           |           |
| 183   | 713692                     | Plate                   | Lever, start, complete             |           |
| 184   | 713788                     | Fjær                    | Spring, tension                    |           |
| 185   | 230542                     | Skive                   | Washer, lock, 2.3 mm               |           |
| 186   | 217152                     | Skive                   | Washer, 4.3 x 9 x 0.8 mm           |           |
| 187   | 219162                     | Mutter                  | Nut, 3 mm                          |           |
| 188   | 713546                     | Fjær                    | Spring, retaining                  |           |
| 189   | 234256                     | Skive                   | Washer, lock, 1.9 mm               |           |
| 190   | 713677                     | Arm                     | Lever, shut-off                    |           |
| 191   | 713715                     | Plate                   | Plate, friction                    |           |
| 192   | 230542                     | Skive                   | Washer, lock, 2.3 mm               |           |
| 193   | 713812                     | Hjul                    | Wheel, main cam                    |           |
| 194   | 713545                     | Hylse                   | Bushing, rubber                    |           |
| 195   | 713714                     | Hendel                  | Lever, cam follower                |           |
| 196   | 713541                     | Fjær                    | Spring, snap                       |           |
| 197   | 713713                     | Kulelager               | Ball, bearing                      |           |
| 198   | 200457                     | Mutter                  | Nut, 4 mm                          |           |
| 199   | 713813                     | Brakett                 | Bracket, bearing                   |           |
| 200   | 713656                     | Fjær                    | Spring, tension                    |           |
| 201   | 713637                     | Plate                   | Plate, square section              |           |
| 202   | 713717                     | Arm                     | Pawl, complete                     |           |
| 203   | 713696                     | Skive                   | Washer, 3.2 x 13 x 0.5 mm          |           |
| 204   | 230542                     | Skive                   | Washer, lock, 2.3 mm               |           |
| 205   | 713657                     | Bolt                    | Bolt                               |           |
| 206   | 713681                     | Mutter                  | Nut, flanged                       |           |
| 207   | 713632                     | Fjær                    | Spring, tension                    |           |
| 208   | 713676                     | Vinkel                  | Lever, start                       |           |
| 209   | 713716                     | Arm                     | Lever, change, complete            |           |



| Index | SPECIFY THIS WHEN ORDERING |                         | Description (notes)         | Reference |
|-------|----------------------------|-------------------------|-----------------------------|-----------|
|       | Ordering No.               | Beskrivelse (merknader) |                             |           |
| 210   | 713682                     | Bolt                    | Pin, grooved                |           |
| 211   | 235937                     | Skive                   | Washer, lock, 4 mm          |           |
| 212   | 713673                     | Skinne                  | Arm, positioning            |           |
| 213   | 713680                     | Fjær                    | Spring, leaf                |           |
| 214   | 713718                     | Arm                     | Lever, adjusting            |           |
| 215   | 217152                     | Skive                   | Washer, 4.3 x 9 x 0.8 mm    |           |
| 216   | 219162                     | Mutter                  | Nut, 3 mm                   |           |
| 217   | 230542                     | Skive                   | Washer, lock, 2.3 mm        |           |
| 218   | 713542                     | Aksel                   | Spindle                     |           |
| 219   | 713679                     | Holder                  | Support, bearing            |           |
| 220   | 713678                     | Fjær                    | Spring, leaf                |           |
| 221   | 713540                     | Avstandsstykke          | Spacer                      |           |
| 222   | 212237                     | Skrue                   | Screw, 3 x 6 mm             |           |
| 223   | 713814                     | Arm                     | Lever, main                 |           |
| 224   | 233229                     | Kule                    | Ball, 4 mm                  |           |
| 225   | 713675                     | Sleide                  | Arm, cut-off                |           |
| 226   | 713558                     | Skive                   | Disc, skating               |           |
| 227   | 230542                     | Skive                   | Washer, lock, 2.3 mm        |           |
| 228   | 713789                     | Klips                   | Clip, cable, complete       |           |
| 233   | 713719                     | Vinkel                  | Bracket, bearing            |           |
| 234   | 713795                     | Skrue                   | Screw, 3 x 3 mm             |           |
| 235   | 713687                     | Arm                     | Cam, lift                   |           |
| 236   | 713688                     | Plate                   | Plate, brake                |           |
| 237   | 713626                     | Skive                   | Washer                      |           |
| 238   | 713642                     | Skive                   | Washer, plastic             |           |
| 239   | 219162                     | Mutter                  | Nut, 3 mm                   |           |
| 240   | 713691                     | Fjær                    | Spring                      |           |
| 241   | 713726                     | Arm                     | Arm, skating, complete      |           |
| 242   | 239651                     | Skive                   | Washer, lock, 3.2 mm        |           |
| 243   | 713643                     | Skrue                   | Screw                       |           |
| 244   | 265218                     | Mutter                  | Nut, 3 mm                   |           |
| 245   | 713822                     | Segment                 | Segment, complete           |           |
| 246   | 713722                     | Skrue                   | Screw, set, 2 x 4 mm        |           |
| 247   | 713649                     | Tapp                    | Stud                        |           |
| 248   | 713625                     | Fjær                    | Spring, compression         |           |
| 249   | 713721                     | Bolt                    | Bolt, lift                  |           |
| 250   | 713647                     | Fjær                    | Spring, locking             |           |
| 251   | 713668                     | Lager                   | Bearing, guide              |           |
| 252   | 230542                     | Skive                   | Washer, lock, 2.3 mm        |           |
| 253   | 230542                     | Skive                   | Washer, lock, 2.3 mm        |           |
| 255   | 713557                     | Skive                   | Washer, adjusting           |           |
| 256   | 713635                     | Fjær                    | Spring, tension             |           |
| 257   | 713606                     | Skive                   | Disc, stroboscope, 50/60 Hz |           |

**TANDBERGS RADIOFABRIKK A/S**  
**N – 1301 Sandvika – Norway**

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