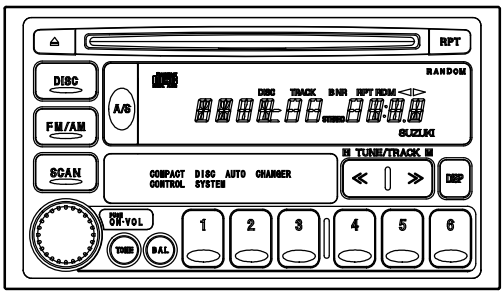
Clarion

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# Service Manual




SUZUKI Automobile Genuine
AM/FM Stereo CD Deck

**Model PS-2429D**

(Genuine No.39101-65DE0-000)

## ■ ORIGINAL SERVICE MANUAL

This additional service manual is designed to be used together with service manual of PS-2375D,I/PS-2376D,I/PS-2377D,I.

| Original model | Manual No. |
|---|---|
| PS-2375D,I<br>PS-2376D,I<br>PS-2377D,I | 298-5854-00 |

## ■ SPECIFICATIONS

### Radio section

| | | |
|---|---|---|
| Tuning system: | PLL Frequency synthesizer system | |
| Receive range: | AM | 530kHz to 1,710kHz |
| | FM | 87.75MHz to 107.9MHz |
| Intermediate frequency: | | |
| | AM | 450±3kHz |
| | FM | 10.7±0.2MHz |
| Quieting sensitivity: | AM | Less than 34dBμ (at 20dB S/N) |
| | FM | Less than 15dBμ (at 30dB S/N) |
| Separation: | FM | More than 20dB(at 1kHz) |
| Auto tuning stop sensitivity: | | |
| | AM | 32±6dBμ |
| | FM | 26±6dBμ |

### CD section

| | |
|---|---|
| Disc: | Compact disc(8cm/12cm) |
| Separation: | More than 50dB |
| S/N ratio: | More than 60dB |
| Distortion: | Less than 1.0%(at 20kHz LPF) |

### General

| | |
|---|---|
| Load impedance: | 4Ω |
| Power output: | 16W×4(MAX) |
| Power supply voltage: | DC13.2V(10.8V to 15.6V) Negative ground |
| Back-up consumption: | Less than 4mA |
| Dimensions(mm): | 186(W)×106(H)×156.5(D) |
| Weight: | 2.13kg |

※ Specifications and design are subject to change without notice for further improvement.

## ■ NOTE

We cannot supply PWB with component parts in principle. When a circuit on PWB has failure , please repair it by component parts base. Parts which are not mentioned in service manual are not supplied.

## ■ COMPONENTS

PS-2429D-A/PS-2429D-B

| | | |
|---|---|---|
| Main unit | ––––– | 1 |

## ■ To engineers in charge of repair or inspection of our products.

Before repair or inspection, make sure to follow the instructions so that customers and Engineers in charge of repair or inspection can avoid suffering any risk or injury.

1. Use specified parts.
   The system uses parts with special safety features against fire and voltage. Use only parts with equivalent characteristics when replacing them.
   The use of unspecified parts shall be regarded as remodeling for which we shall not be liable. The onus of product liability (PL) shall not be our responsibility in cases where an accident or failure is as a result of unspecified parts being used.

# ■EXPLODED VIEW • PARTS LIST

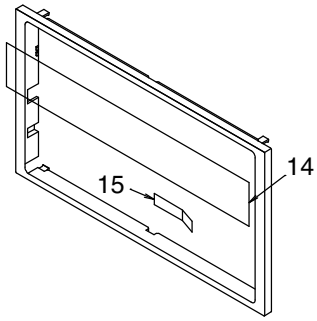
## Escutcheon section

Please refer to page 5 of the original service manual.

The following parts are changed in the parts list as well as the original model.

| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 1 | 940-7928-25 | ESCUTCHEON ASSY | 1 |
| 13 | 383-0674-00 | FACE PANEL | 1 |

The follwing parts are added in the parts list.




| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 14 | 347-5792-00 | INSULATOR | 1 |
| 15 | 290-4537-43 | LABEL | 1 |

※ The other parts of PS-2429D are the same as PS-2375D.

## Main section

Please refer to page 6, 7 of the original service manual.

The following parts are changed in the parts list as well as the original model.

| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 38 | 353-0537-00 | SHADE | 2 |
| 41 | 854-8213-02 | EXTENSION LEAD | 1 |

The following parts are removed in the parts list as well as the original model.

| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 29 | 345-8455-01 | CUSHION RUBBER | 1 |
| 37 | 347-5206-00 | SHADE | 1 |

The following parts are different from the original model.

| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 1 | 310-1639-20 | UPPER CASE(2429D-B) | 1 |
| 2 | 311-1727-24 | LOWER CASE(2429D-B) | 1 |
| 5 | 309-0698-20 | FRONT PLATE(2429D-B) | 1 |
| 6 | 331-2275-20 | MECHANISM BRACKET (2429D-B) | 1 |
| 7 | 331-2281-21 | MECHANISM BRACKET (FRONT)(2429D-B) | 1 |
| 8 | 331-2282-20 | MECHANISM BRACKET(REAR) (2429D-B) | 1 |
| 9 | 307-0597-21 | REAR PLATE(2429D-B) | 1 |
| 15 | 929-0092-82 | CD MECHANISM(2429D-B) | 1 |
| 34 | 854-4376-50 | EXTENSION LEAD(2429D-B) | 1 |
| 36 | 286-9497-00 | SETPLATE | 1 |
| 41 | 854-8213-52 | EXTENSION LEAD(2429D-B) | 1 |

※ The part of No.39 in the parts list is not used of PS-2429D.
The other parts of PS-2429D are the same as PS-2375D.

# ■ELECTRICAL PARTS LIST

## Main PWB section(B1)

Please refer to page 11, 12 of the original service manual.

The following parts are different from the original model.
The parts with ※ mark are replaced from JW on the original model.

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| C158 | 178-3332-78 | 0.033μF |
| C159 | 178-3332-78 | 0.033μF |
| C254 | 178-2732-78 | 0.027μF |
| C306※ | 178-1032-78 | 0.01μF |
| C307※ | 178-1032-78 | 0.01μF |
| C330※ | 178-4742-78 | 0.47μF |
| C331※ | 178-2742-78 | 0.27μF |
| C332※ | 178-4742-78 | 0.47μF |
| C333※ | 178-2742-78 | 0.27μF |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| R304 | 117-3321-10 | 1/10W 3.3kΩ |
| R307 | 117-3321-10 | 1/10W 3.3kΩ |
| R308 | 117-1031-10 | 1/10W 10kΩ |
| R309 | 117-1031-10 | 1/10W 10kΩ |
| R312 | 117-3321-10 | 1/10W 3.3kΩ |
| R315 | 117-3321-10 | 1/10W 3.3kΩ |
| R321※ | 117-2221-10 | 1/10W 2.2kΩ |
| R322※ | 117-2221-10 | 1/10W 2.2kΩ |
| R326※ | 117-2221-10 | 1/10W 2.2kΩ |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| R330※ | 117-2221-10 | 1/10W 2.2kΩ |
| R358※ | 117-2731-10 | 1/10W 27kΩ |
| R359※ | 117-2731-10 | 1/10W 27kΩ |
| R360※ | 117-6831-10 | 1/10W 68kΩ |
| R361※ | 117-6831-10 | 1/10W 68kΩ |
| R362 | 117-2721-10 | 1/10W 2.7kΩ |
| R363 | 117-2721-10 | 1/10W 2.7kΩ |

The following parts are added in the parts list.

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| C308 | 183-4763-31 | 16V47μF |
| C313 | 184-2273-21 | 10V220μF |
| C314 | 178-3322-78 | 3300pF |
| C315 | 178-3322-78 | 3300pF |
| C316 | 178-3942-78 | 0.39μF |
| C317 | 178-2242-78 | 0.22μF |
| C318 | 178-2242-78 | 0.22μF |
| C319 | 178-3942-78 | 0.39μF |
| C322 | 178-2242-78 | 0.22μF |
| C323 | 178-2242-78 | 0.22μF |
| C324 | 178-6845-79 | 0.68μF |
| C325 | 178-6845-79 | 0.68μF |
| C326 | 178-5622-78 | 5600pF |
| C327 | 178-2732-78 | 0.027μF |
| C328 | 178-5622-78 | 5600pF |
| C329 | 178-2732-78 | 0.027μF |
| C334 | 178-4742-78 | 0.47μF |
| C335 | 178-4742-78 | 0.47μF |
| C336 | 178-2742-78 | 0.27μF |
| C337 | 178-2742-78 | 0.27μF |
| C347 | 178-1242-78 | 0.12μF |
| C364 | 183-4763-31 | 16V47μF |
| C365 | 178-1242-78 | 0.12μF |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| C366 | 178-2722-78 | 2700pF |
| C367 | 178-2722-78 | 2700pF |
| IC301 | 051-3019-90 | NJM2060V |
| IC303 | 051-3019-90 | NJM2060V |
| IC304 | 051-3019-90 | NJM2060V |
| R316 | 117-1021-10 | 1/10W 1kΩ |
| R317 | 117-1021-10 | 1/10W 1kΩ |
| R318 | 117-1541-10 | 1/10W 150kΩ |
| R319 | 117-1541-10 | 1/10W 150kΩ |
| R320 | 117-1541-10 | 1/10W 150kΩ |
| R323 | 117-1541-10 | 1/10W 150kΩ |
| R324 | 117-1511-10 | 1/10W 150Ω |
| R325 | 117-1511-10 | 1/10W 150Ω |
| R327 | 117-2711-10 | 1/10W 270Ω |
| R328 | 117-1511-10 | 1/10W 150Ω |
| R329 | 117-2711-10 | 1/10W 270Ω |
| R331 | 117-2711-10 | 1/10W 270Ω |
| R332 | 117-1511-10 | 1/10W 150Ω |
| R333 | 117-2711-10 | 1/10W 270Ω |
| R334 | 117-5611-10 | 1/10W 560Ω |
| R335 | 117-5611-10 | 1/10W 560Ω |
| R336 | 117-1821-10 | 1/10W 1.8kΩ |
| R337 | 117-1821-10 | 1/10W 1.8kΩ |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| R338 | 117-1511-10 | 1/10W 150Ω |
| R339 | 117-1511-10 | 1/10W 150Ω |
| R340 | 117-1511-10 | 1/10W 150Ω |
| R341 | 117-1511-10 | 1/10W 150Ω |
| R342 | 117-1541-10 | 1/10W 150kΩ |
| R343 | 117-1541-10 | 1/10W 150kΩ |
| R344 | 117-1541-10 | 1/10W 150kΩ |
| R345 | 117-1541-10 | 1/10W 150kΩ |
| R346 | 117-5131-10 | 1/10W 51kΩ |
| R347 | 117-5131-10 | 1/10W 51kΩ |
| R348 | 117-5131-10 | 1/10W 51kΩ |
| R349 | 117-5131-10 | 1/10W 51kΩ |
| R350 | 117-1031-10 | 1/10W 10kΩ |
| R351 | 117-1031-10 | 1/10W 10kΩ |
| R352 | 117-1031-10 | 1/10W 10kΩ |
| R353 | 117-1031-10 | 1/10W 10kΩ |
| R354 | 117-1221-10 | 1/10W 1.2kΩ |
| R355 | 117-1221-10 | 1/10W 1.2kΩ |
| R356 | 117-1231-10 | 1/10W 12kΩ |
| R357 | 117-1231-10 | 1/10W 12kΩ |
| R379 | 117-1831-10 | 1/10W 18kΩ |
| R404 | 111-2291-91 | 1/4WS 2.2Ω |
| R405 | 117-1831-10 | 1/10W 18kΩ |

The following parts are removed in the parts list.

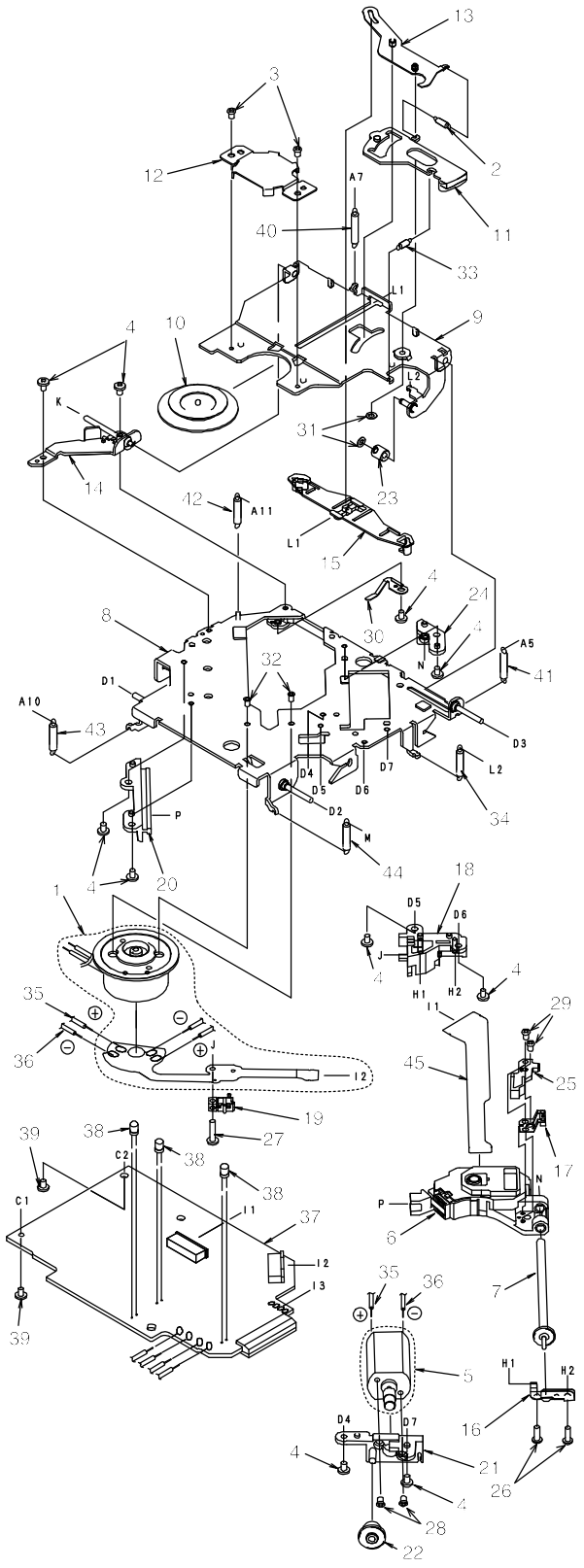
| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| C309 | 117-0000-00 | 1/10W 0Ω JW |
| C310 | 117-0000-00 | 1/10W 0Ω JW |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| R310 | 117-2241-10 | 1/10W 220kΩ |
| R311 | 117-2241-10 | 1/10W 220kΩ |

※ The other parts of PS-2429D are the same as PS-2375D.

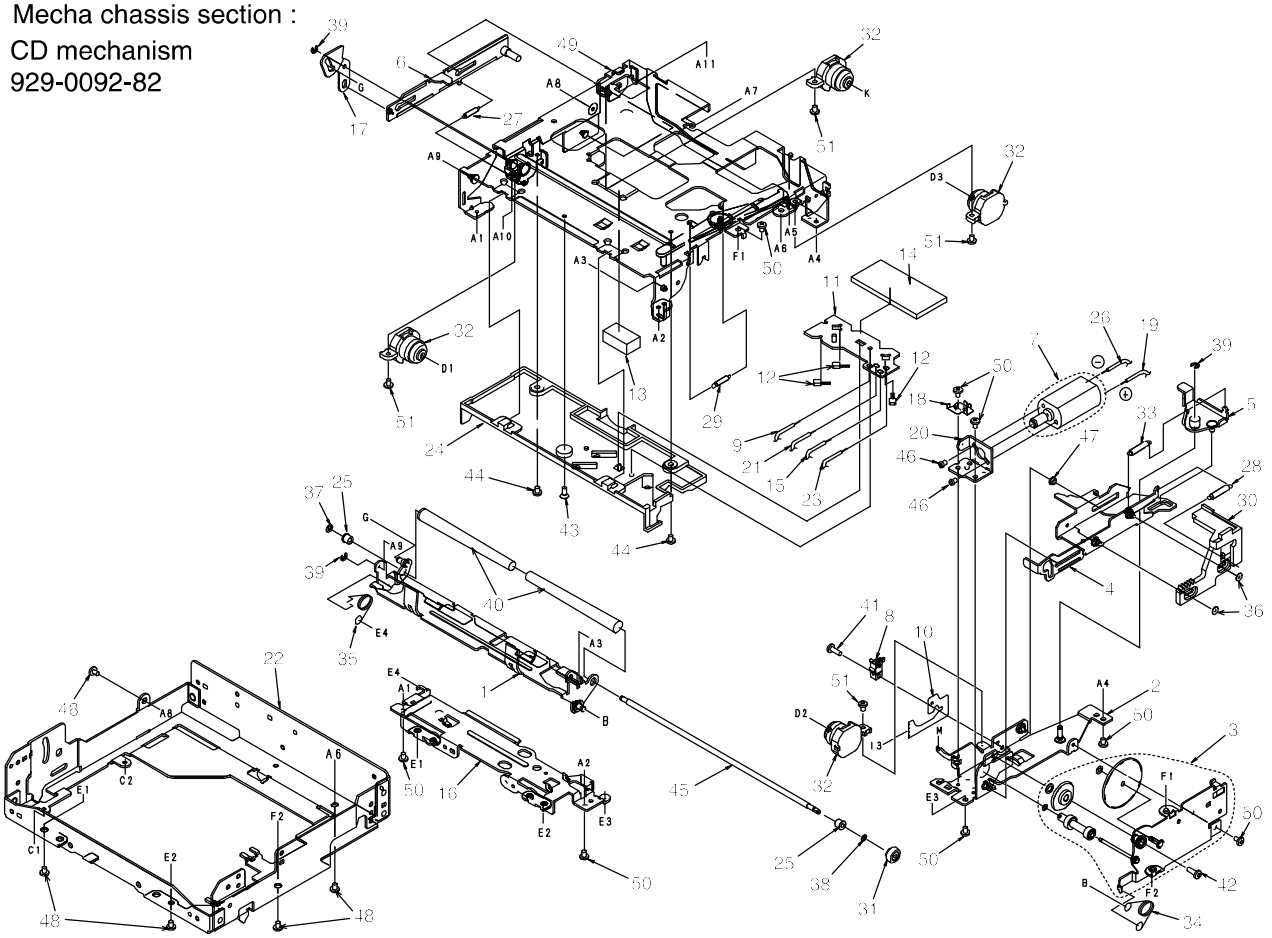
## ■ EXPLODED VIEW・PARTS LIST

Drive unit section : CD mechanism 929-0092-82



| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 1 | SMA-151-100 | MOTOR ASSY(SPINDLE) | 1 |
| 2 | 750-3098-00 | L-LINK SPRING | 1 |
| 3 | 716-1468-00 | SCREW(M2×2.5) | 2 |
| 4 | 714-2003-81 | SCREW(M2×3) | 10 |
| 5 | SMA-146-100 | MOTOR ASSY(SLED) | 1 |
| 6 | 969-0008-00 | PICK UP UNIT | 1 |
| 7 | HBS-432-100 | LS-GEAR ASSY | 1 |
| 8 | 966-0447-07 | DR-PLATE-ASSY | 1 |
| 9 | 966-0449-04 | CLAMP-LINK-ASSY | 1 |
| 10 | 621-0205-02 | CLAMPER RING | 1 |
| 11 | 621-0251-03 | LOCK LINK | 1 |
| 12 | 620-0198-03 | CLAMPER PLATE | 1 |
| 13 | 966-0314-01 | STOP LINK-ASSY | 1 |
| 14 | 966-0448-01 | SIDE PLATE-ASSY | 1 |
| 15 | 621-0252-03 | DISC STOPPER | 1 |
| 16 | 620-0491-03 | SPRING PLATE | 1 |
| 17 | 966-0454-00 | SCREW H-RACK-ASSY | 1 |
| 18 | 621-0358-02 | LS-HOLDER-F | 1 |
| 19 | 013-7100-00 | SWITCH(LIMIT) | 1 |
| 20 | 621-0357-03 | PICK UP GUIDE | 1 |
| 21 | 621-0253-02 | MOTOR HOLDER | 1 |
| 22 | 621-0255-02 | SECOND GEAR | 1 |
| 23 | 622-1073-02 | CLAMPER ROLLER | 1 |
| 24 | 621-0359-02 | LS-HOLDER-R | 1 |
| 25 | 621-0375-00 | SH-BASE | 1 |
| 26 | 716-0675-00 | SCREW(M2×5.5) | 2 |
| 27 | 716-1555-00 | WAVE SCREW(Φ2×8) | 1 |
| 28 | 732-2004-11 | SEMS SCREW(M2×4) | 2 |
| 29 | 739-1735-17 | PRECISION SCREW (M1.7×3.5) | 2 |
| 30 | 620-0690-01 | RATTLE PLATE | 1 |
| 31 | 746-0761-00 | WASHER | 2 |
| 32 | 716-1733-00 | SCREW(M1.7×2.3) | 2 |
| 33 | 750-3099-00 | ES-SPRING | 1 |
| 34 | 750-3097-03 | CLAMPER SPRING | 1 |
| 35 | 816-2373-00 | LEAD WIRE(WHT) | 1 |
| 36 | 816-2372-00 | LEAD WIRE(BLU) | 1 |
| 37 | 039-1732-01 | MECHANISM PWB (WITHOUT COMPONENT) | 1 |
| 38 | 001-0563-00 | LED | 3 |
| 39 | 716-1670-00 | SCREW(M2×4) | 2 |
| 40 | 750-3202-00 | CENTER SPRING-B | 1 |
| 41 | 750-3096-01 | DR-SPRING R | 1 |
| 42 | 750-3164-00 | DR-SPRING LR | 1 |
| 43 | 750-3188-00 | DR-SPRING F-B | 1 |
| 44 | 750-3201-00 | DR-SPRING F-R | 1 |
| 45 | 039-1587-00 | FPC (WITHOUT COMPONENT) | 1 |

Mecha chassis section :
CD mechanism
929-0092-82



| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 1 | 966-0309-05 | L-DISC-G-ASSY | 1 |
| 2 | 966-0310-06 | SHIFT-P-CH-ASSY | 1 |
| 3 | HBS-430-100 | GEAR PLATE ASSY | 1 |
| 4 | 966-0312-06 | SHIFT-PLATE-ASSY | 1 |
| 5 | 966-0358-01 | DRIVE-L-PLATE-ASSY | 1 |
| 6 | 966-0359-03 | SIDE-L-PLATE-ASSY | 1 |
| 7 | SMA-147-100 | MOTOR ASSY(LOADING) | 1 |
| 8 | 013-3879-01 | CHUCKING SWITCH | 1 |
| 9 | 804-4910-60 | VINYL-COAT-WIRE(YEL) | 1 |
| 10 | 039-0586-01 | CHUCKING SWITCH PWB (WITHOUT COMPONENT) | 1 |
| 11 | 039-0588-01 | SENSOR PWB (WITHOUT COMPONENT)) | 1 |
| 12 | 060-0252-01 | PHOTO-TR | 3 |
| 13 | 345-7513-01 | CLAMPER SHEET | 1 |
| 14 | 345-7514-00 | SENSOR PWB SHEET | 1 |
| 15 | 802-4910-60 | VINYL-COAT-WIRE(RED) | 1 |
| 16 | 620-0485-04 | FRONT PLATE | 1 |
| 17 | 620-0488-01 | S-L-LINK PLATE | 1 |
| 18 | 620-0489-02 | MOTOR PLATE | 1 |
| 19 | 802-4904-60 | VINYL-COAT-WIRE(RED) | 1 |
| 20 | 620-0492-01 | MOTOR BRACKET | 1 |
| 21 | 801-4910-60 | VINYL-COAT-WIRE(BRN) | 1 |
| 22 | 620-0773-01 | CD-MECH-BRKT | 1 |
| 23 | 800-4910-60 | VINYL-COAT-WIRE(BLK) | 1 |
| 24 | 621-0402-02 | U-DISC GUIDE-F | 1 |
| 25 | 621-0243-02 | ROLLER SLEEVE | 2 |

| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 26 | 800-4904-60 | VINYL-COAT-WIRE(BLK) | 1 |
| 27 | 750-3189-00 | SIDE-L-SPRING | 1 |
| 28 | 750-3098-00 | L-LINK SPRING | 1 |
| 29 | 750-3094-00 | S-ARM SPRING | 1 |
| 30 | 621-0248-07 | RACK GEAR | 1 |
| 31 | 621-0249-02 | ROLLER GEAR | 1 |
| 32 | 629-0074-00 | DAMPER | 4 |
| 33 | 750-3092-03 | SHIFT SPRING | 1 |
| 34 | 750-3091-03 | ROADING-SPRING-R | 1 |
| 35 | 750-3090-02 | ROADING-SPRING-L | 1 |
| 36 | 746-0877-02 | WASHER | 2 |
| 37 | 746-0762-00 | WASHER | 1 |
| 38 | 746-0712-03 | WASHER | 1 |
| 39 | 743-1500-10 | E-RING | 3 |
| 40 | 621-0258-03 | LOADING ROLLER | 2 |
| 41 | 716-1742-00 | SCREW(M2×5) | 1 |
| 42 | 716-1704-00 | SCREW(M2×7) | 1 |
| 43 | 716-1677-00 | SCREW(M2×5) | 1 |
| 44 | 716-1507-00 | SCREW(M2×3) | 2 |
| 45 | 622-1072-05 | ROLLER SHAFT | 1 |
| 46 | 716-1468-00 | SCREW(M2×2.5) | 2 |
| 47 | 622-1219-01 | SHIFT ROLLER | 1 |
| 48 | 714-2603-81 | SCREW(M2.6×3) | 5 |
| 49 | 966-0308-11 | CHASSIS ASSY | 1 |
| 50 | 714-2003-81 | SCREW(M2×3) | 8 |
| 51 | 716-1670-00 | SCREW(M2×4) | 4 |

# ■ELECTRICAL PARTS LIST

## Mechanism PWB section(B3) : CD mechanism 929-0092-82

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| C1 | 163-1073-10 | 6.3V100 μF |
| C3 | 178-1042-78 | 0.1 μF |
| C4 | 178-2222-78 | 2200pF |
| C5 | 178-1042-78 | 0.1 μF |
| C6 | 178-1042-78 | 0.1 μF |
| C7 | 178-1042-78 | 0.1 μF |
| C8 | 176-1501-00 | 15pF CH |
| C9 | 176-1501-00 | 15pF CH |
| C10 | 176-1201-00 | 12pF CH |
| C11 | 178-1042-78 | 0.1 μF |
| C13 | 178-1042-78 | 0.1 μF |
| C14 | 178-1042-78 | 0.1 μF |
| C15 | 178-1042-78 | 0.1 μF |
| C16 | 178-1042-78 | 0.1 μF |
| C17 | 163-1073-31 | 16V100 μF |
| C18 | 176-4701-00 | 47pF CH |
| C19 | 178-1532-78 | 0.015 μF |
| C20 | 178-1032-78 | 0.01 μF |
| C21 | 178-2722-78 | 2700pF |
| C22 | 178-4722-78 | 4700pF |
| C23 | 178-1042-78 | 0.1 μF |
| C24 | 178-1042-78 | 0.1 μF |
| C25 | 178-1042-78 | 0.1 μF |
| C26 | 178-4712-78 | 470pF |
| C27 | 178-4712-78 | 470pF |
| C28 | 178-4732-78 | 0.047 μF |
| C29 | 178-4732-78 | 0.047 μF |
| C30 | 178-4732-78 | 0.047 μF |
| C31 | 178-4732-78 | 0.047 μF |
| C32 | 163-4763-05 | 4V47 μF |
| C33 | 163-4763-05 | 4V47 μF |
| C34 | 176-1801-00 | 18pF CH |
| C35 | 176-6097-00 | 6pF CH |
| C36 | 176-6801-00 | 68pF CH |
| C37 | 176-2201-00 | 22pF CH |
| C38 | 178-1042-78 | 0.1 μF |
| C39 | 163-4763-05 | 4V47 μF |
| C44 | 178-2242-78 | 0.22 μF |
| C45 | 178-2242-78 | 0.22 μF |
| C46 | 163-4763-10 | 6.3V47 μF |
| C47 | 178-8222-78 | 8200pF |
| C48 | 178-1042-78 | 0.1 μF |
| C50 | 163-1073-10 | 6.3V100 μF |
| C51 | 178-1042-78 | 0.1 μF |
| C52 | 178-2232-78 | 0.022 μF |
| C54 | 176-2201-00 | 22pF CH |
| C61 | 178-1042-78 | 0.1 μF |
| C63 | 178-1042-78 | 0.1 μF |
| C64 | 178-1042-78 | 0.1 μF |
| C65 | 178-1042-78 | 0.1 μF |
| D4 | 001-0516-00 | MA111 |
| IC1 | 051-5704-00 | TA2096FN |
| IC2 | 051-6342-00 | TC9462F |
| IC3 | 051-6045-08 | BA5984FP |
| J1 | 074-1138-66 | 16P |
| J2 | 074-1138-06 | 6P |
| L1 | 010-2155-93 | 10 μH |
| L3 | 010-2199-74 | 10 μH J |
| Q1 | 101-1188-50 | 2SB1188PQR |
| R1 | 117-2211-10 | 1/10W 220Ω |
| R2 | 117-2211-10 | 1/10W 220Ω |
| R3 | 117-5611-10 | 1/10W 560Ω |
| R4 | 117-5611-10 | 1/10W 560Ω |
| R5 | 117-4711-10 | 1/10W 470Ω |
| R6 | 117-3311-10 | 1/10W 330Ω |
| R7 | 117-4721-10 | 1/10W 4.7kΩ |
| R8 | 117-1041-10 | 1/10W 100kΩ |
| R9 | 117-1031-10 | 1/10W 10kΩ |
| R10 | 117-4731-10 | 1/10W 47kΩ |
| R12 | 117-4741-10 | 1/10W 470kΩ |
| R13 | 117-3331-10 | 1/10W 33kΩ |
| R14 | 117-3321-10 | 1/10W 3.3kΩ |
| R15 | 117-1031-10 | 1/10W 10kΩ |
| R16 | 117-3321-10 | 1/10W 3.3kΩ |
| R17 | 117-3321-10 | 1/10W 3.3kΩ |
| R18 | 117-3321-10 | 1/10W 3.3kΩ |
| R19 | 117-3321-10 | 1/10W 3.3kΩ |
| R20 | 117-3321-10 | 1/10W 3.3kΩ |
| R21 | 117-2221-10 | 1/10W 2.2kΩ |
| R22 | 117-8211-10 | 1/10W 820Ω |
| R23 | 117-9131-10 | 1/10W 91kΩ |
| R24 | 117-1041-10 | 1/10W 100kΩ |
| R25 | 117-1041-10 | 1/10W 100kΩ |
| R26 | 117-1841-10 | 1/10W 180kΩ |
| R27 | 117-1841-10 | 1/10W 180kΩ |
| R28 | 117-2211-10 | 1/10W 220Ω |
| R29 | 117-2201-10 | 1/10W 22Ω |
| R30 | 117-1041-10 | 1/10W 100kΩ |
| R31 | 117-1041-10 | 1/10W 100kΩ |
| R32 | 117-1041-10 | 1/10W 100kΩ |
| R33 | 117-1041-10 | 1/10W 100kΩ |
| R34 | 117-1041-10 | 1/10W 100kΩ |
| R35 | 117-2241-10 | 1/10W 220kΩ |
| R36 | 117-1041-10 | 1/10W 100kΩ |
| R37 | 117-1041-10 | 1/10W 100kΩ |
| R38 | 117-8231-10 | 1/10W 82kΩ |
| R39 | 117-1841-10 | 1/10W 180kΩ |
| X1 | 061-3500-90 | 16.920MHz |

## Sensor PWB section(B4) : CD mechanism 929-0092-82

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| Q101 | 060-0252-01 | PT4850F |
| Q102 | 060-0252-01 | PT4850F |
| Q103 | 060-0252-01 | PT4850F |

## Chucking switch PWB section(B5) : CD mechanism 929-0092-82

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| S2 | 013-3879-01 | SPPB12 |

## Limit switch PWB section(B6) : CD mechanism 929-0092-82

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| S1 | 013-7100-00 | SPPB11 |