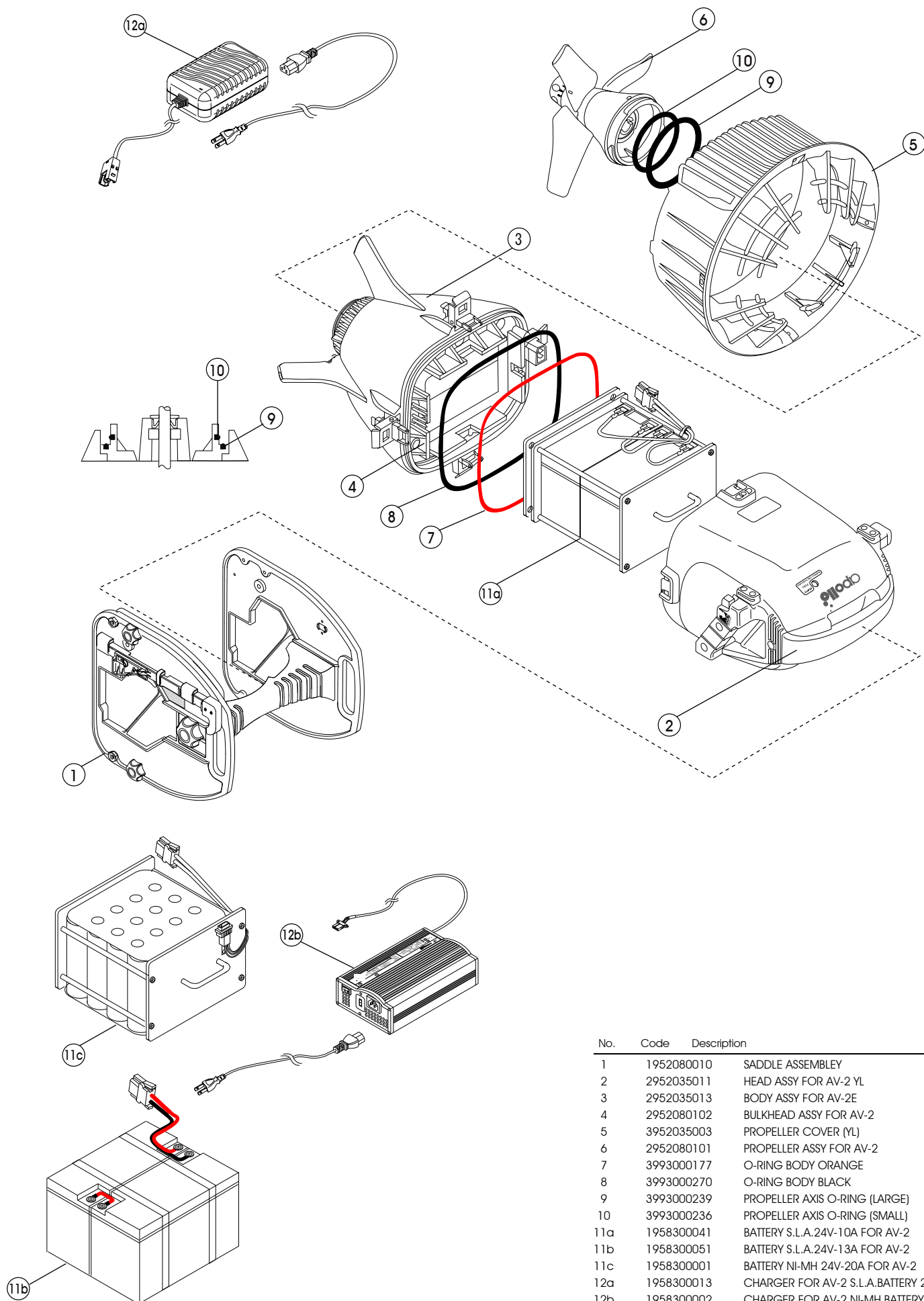


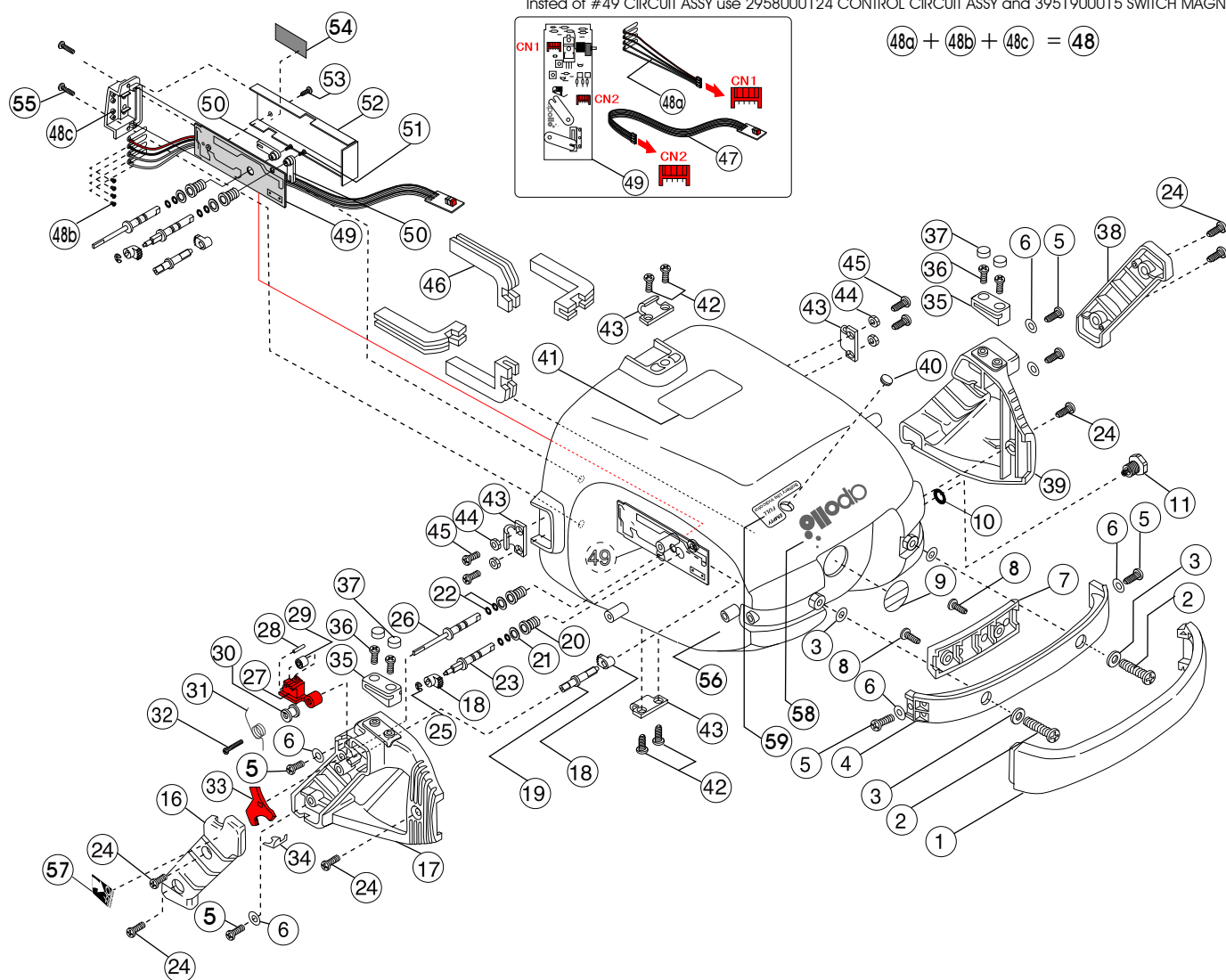
# av-2 Evolution



| No. | Code       | Description                             |
|-----|------------|-----------------------------------------|
| 1   | 1952080010 | SADDLE ASSEMBLY                         |
| 2   | 2952035011 | HEAD ASSY FOR AV-2 YL                   |
| 3   | 2952035013 | BODY ASSY FOR AV-2E                     |
| 4   | 2952080102 | BULKHEAD ASSY FOR AV-2                  |
| 5   | 3952035003 | PROPELLER COVER (YL)                    |
| 6   | 2952080101 | PROPELLER ASSY FOR AV-2                 |
| 7   | 3993000177 | O-RING BODY ORANGE                      |
| 8   | 3993000270 | O-RING BODY BLACK                       |
| 9   | 3993000239 | PROPELLER AXIS O-RING (LARGE)           |
| 10  | 3993000236 | PROPELLER AXIS O-RING (SMALL)           |
| 11a | 1958300041 | BATTERY S.L.A. 24V-10A FOR AV-2         |
| 11b | 1958300051 | BATTERY S.L.A. 24V-13A FOR AV-2         |
| 11c | 1958300001 | BATTERY NI-MH 24V-20A FOR AV-2          |
| 12a | 1958300013 | CHARGER FOR AV-2 S.L.A.BATTERY 24V/1.8A |
| 12b | 1958300002 | CHARGER FOR AV-2 NI-MH.BATTERY 24V/20A  |

# av-2 / av-2 Evolution Head Assy

Insted of #49 CIRCUIT ASSY use 2958000124 CONTROL CIRCUIT ASSY and 3951900015 SWITCH MAGNET ASSY



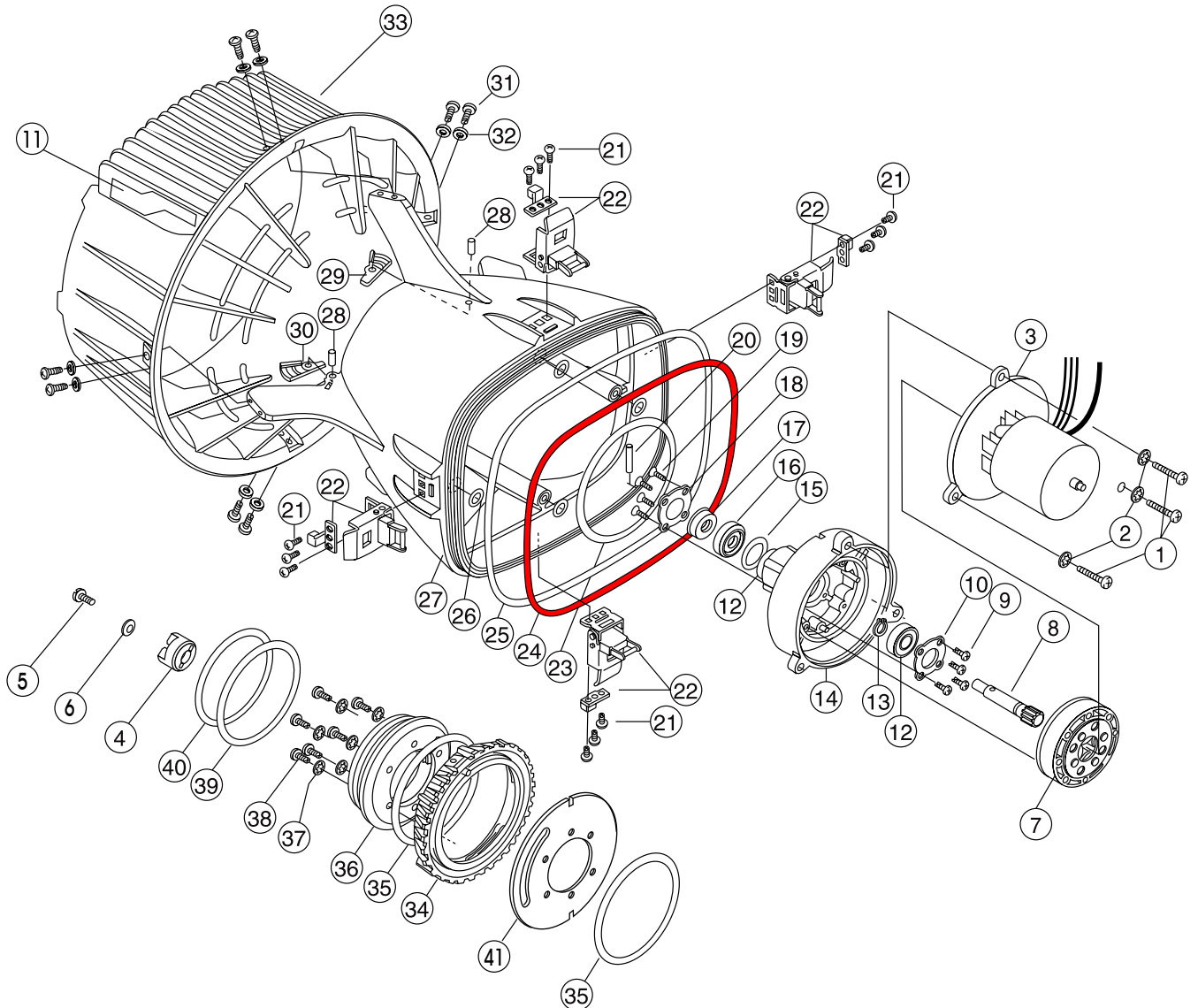
| No. | Code       | Description                           |
|-----|------------|---------------------------------------|
|     | 2952035011 | HEAD ASSY FOR AV-2 YL                 |
| 1   | 3953080000 | BUMPER                                |
| 2   | 3990100507 | O130-65 SCREW (SUS304 M5X30)          |
| 3   | 3990100012 | WASHER M5 SUS FOR SADDLE              |
| 4   | 3952080032 | CARRYING HANDLE                       |
| 5   | 3990100504 | SCREW M4X16X7 TP                      |
| 6   | 3990100011 | WASHER M4 SUS304 4.3X8                |
| 7   | 3952080033 | CARRYING HANDLE COVER                 |
| 8   | 3990100030 | SCREW SUS304 M4X12                    |
| 9   | 3952280008 | NUMBER SEAL                           |
| 10  | 3993390508 | O-RING S-8/HS50                       |
| 11  | 2959900010 | RELIEF VALVE ASSY FOR AV-2/AVX        |
| 16  | 3952080025 | COVER GRIP RIGHT (ABS)                |
| 17  | 3952080103 | GRIP RIGHT (ABS) FOR AV-2             |
| 18  | 3952080107 | TRIGGER GEAR (POM)                    |
| 19  | 3950100007 | AXIS FOR ACCELERATOR (C3601 NI-CR)    |
| 20  | 3950100005 | COLLAR FOR SWITCH AXIS (C3601B NI-CR) |
| 21  | 3952400000 | TEFLON WASHER                         |
| 22  | 3993090003 | O-RING NBR (P-3/HS50)                 |
| 23  | 3950100006 | SPEED CONTROL AXIS (C3601B NI-CR)     |
| 24  | 3990100091 | SCREW M4X16X7 TP FOR AV-2             |
| 25  | 3990100095 | E-RING (M3.7 T=1.8)                   |
| 26  | 3950100008 | MAIN AXIS FOR SWITCH(C3601B NI-CR)    |
| 27  | 3952080105 | ACCELERATOR LEVER FOR AV-2            |
| 28  | 3990100094 | PIN FOR AV-2                          |
| 29  | 3952080110 | ROLLER FOR ACCELERATOR (POM WT)       |
| 30  | 3950004006 | SW SPRING SLEEVE                      |
| 31  | 3951200032 | SWITCH SPRING FOR AV-2                |

| No. | Code       | Description                              |
|-----|------------|------------------------------------------|
| 32  | 3990100087 | SCREW (M2.6X14) FOR AV-2                 |
| 33  | 3952080106 | MAIN SWITCH (POM GF20 RED)               |
| 34  | 3951104014 | LOCKING LEVER SPRING                     |
| 35  | 3952080030 | ACCESSORY SHOE (PBT)                     |
| 36  | 3990100501 | O130-82 SCREW RETAINER PLT (M3X12 TP)    |
| 37  | 3952080031 | SCREW COVER                              |
| 38  | 3952080023 | COVER GRIP LEFT (ABS)                    |
| 39  | 3952080010 | GRIP LEFT (ABS)                          |
| 40  | 3952400001 | INDICATOR WINDOW (ACRYL)                 |
| 41  | 3952280022 | CAUTION LABEL FOR EMERGENCY FLOAT        |
| 42  | 3990100503 | TRUSS SCREW (SUS 304 M3.5X8)             |
| 43  | 3951100103 | CLAMP HOOK                               |
| 44  | 3990100605 | CORRUGATED SPACER                        |
| 45  | 3990100601 | SCREW SUS304 M3.5X10                     |
| 46  | 3953080001 | BATTERY HOLDER (AVD063)                  |
| 47  | 3958000038 | INDICATOR ASSY (LED CIRCUIT)             |
| 48  | 2958000039 | CONNECTING WIRE ASSY FOR AV-2 CIRCUIT    |
| 48a | 3958000039 | CONNECTING WIRE                          |
| 48b | 3990100204 | SCREW M2X4 SUS304 FOR AV-2               |
| 48c | 3952080104 | CIRCUIT HOLDER (ABS)                     |
| 49* | 2958000024 | CIRCUIT ASSY                             |
| 50  | 3952080108 | SWITCH ARM (POM)                         |
| 51  | 3990100088 | SCREW M3X6 SUS304 FOR AV-2               |
| 52  | 3951100201 | WATERPROOF & RADIATION COVER (AL)        |
| 53  | 3990100089 | SCREW M3X6 SUS304 FOR AV-2E (AL)         |
| 54  | 3954600002 | BATTERY SWITCH LABEL                     |
| 55  | 3990100602 | TAPPING SCREW M3.5X12SUS                 |
| 56  | 3952035011 | FRONT COVER (YL) FOR AV-2(ABS WITH HOLE) |
| 57  | 3954600007 | MAIN SWITCH LABEL FOR AV-2               |
| 58  | 3952280006 | STICKER                                  |
| 59  | 3954600005 | BATTERY VOLUME LABEL FOR AV-2            |

\* OUT OF PRODUCTION

# av-2 E Body Assy

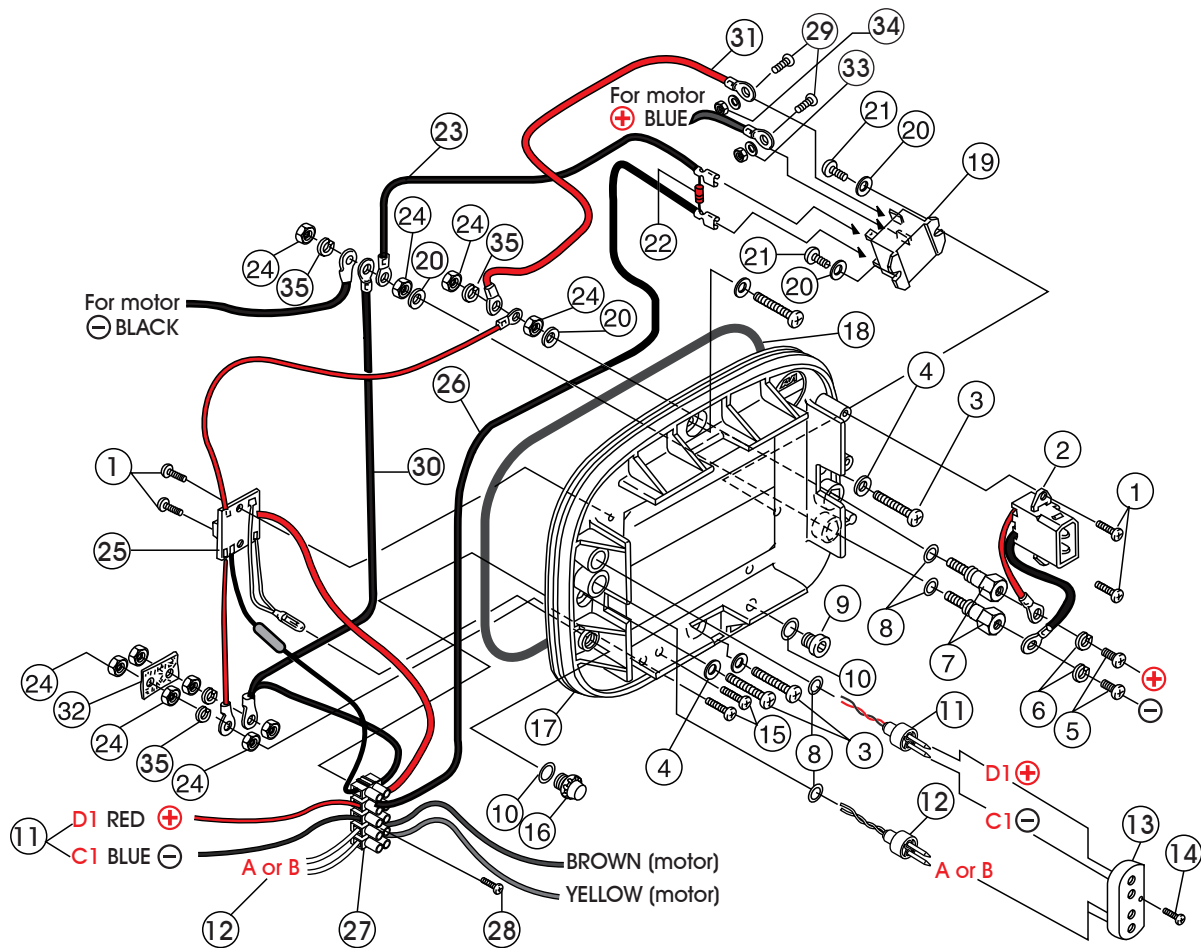
- ※ Parts #20 3990100093 is used in serial number after 201038
- ※ Parts #20 3990100250 is used in serial number before 201037



| No. | Code       | Description                         |
|-----|------------|-------------------------------------|
|     | 2952035013 | BODY ASSY FOR AV-2E                 |
| 1   | 3990100068 | SCREW BK M4X15 FOR AV-2 MOTOR       |
| 2   | 3990100021 | WASHER SUS304 M4                    |
| 3   | 2950900002 | MOTOR ASSY FOR AV-2E (TD5039-242)   |
| 4   | 3950100004 | JOINT FOR PROPELLER SHAFT (C3604NI) |
| 5   | 3950004008 | CLUTCH RETAINER SCREW (SUS304)      |
| 6   | 3990100012 | WASHER M5 SUS FOR SADDLE            |
| 7   | 3995090001 | GEAR ASSY FOR MOTOR                 |
| 8   | 3950000005 | CLUTCH AXLE MOTOR ASSY              |
| 9   | 3990100067 | SCREW RETAINER PLATE BK M3 X 8      |
| 10  | 3951100001 | BEARING RETAINER (SUS304 AVC015)    |
| 11  | 3954600021 | PROPELLER COVER LABEL               |
| 12  | 3990200001 | BEARING 6000HZ 26OD (NSK)(GRADE 0)  |
| 13  | 3990100022 | RETAINING RING C CLIP CLUTCH        |
| 14  | 3952080011 | GEAR CASE FOR AV-2E (AL DM55)       |
| 15  | 3993000120 | O-RING SEAL(AS568-120 HS-50)        |
| 16  | 3953000000 | SEAL HOLDER(C3604 AVC013)           |
| 17  | 3993900001 | 0513-24 ROTATION SEAL L             |
| 18  | 3951100005 | SEAL RETAINER(B)(SUS304AVC-012B)    |
| 19  | 3990100066 | SCREW SUS M3X8                      |
| 20  | 3990100093 | PIN (3X16)                          |
|     | 3990100250 | PIN (SUS301 M3XL25)                 |

| No. | Code       | Description                         |
|-----|------------|-------------------------------------|
| 21  | 3990100601 | SCREW SUS304 M3.5X10                |
| 22  | 3951100101 | CLAMP BODY                          |
|     | 3951100102 | CLAMP LOCK                          |
| 23  | 3993000152 | O-RING FOR GEAR CASE HOUSING        |
| 24  | 3993000177 | O-RING BODY ORANGE                  |
| 25  | 3993000270 | O-RING BODY BLACK                   |
| 26  | 3993080009 | O-RING AS568-010                    |
| 27  | 3952035002 | BODY HOUSING (YL)                   |
| 28  | 3990100080 | CLAMP LOCK PIN(SUS304 3MX8)         |
| 29  | 3952080006 | CLAMP RING L(ABS AVD027)            |
| 30  | 3952080005 | CLAMP RING R(ABS AVD027)            |
| 31  | 3990100504 | SCREW M4X16X7 TP                    |
| 32  | 3990100011 | WASHER M4 SUS304 4.3X8              |
| 33  | 3952035003 | PROPELLER COVER (YL)                |
| 34  | 3952080003 | CLAMP RING (PBT G30 AVC119)         |
| 35  | 3993000152 | O-RING FOR GEAR CASE HOUSING        |
| 36  | 3952080012 | GEAR CASE RETAINER                  |
| 37  | 3990100021 | WASHER SUS304 M4                    |
| 38  | 3990100069 | SCREW SUS M4X14 FOR GEAR CASE RETNR |
| 39  | 3993000239 | PROPELLER AXIS O-RING (LARGE)       |
| 40  | 3993000236 | PROPELLER AXIS O-RING (SMALL)       |
| 41  | 3952080300 | RADIATION PLATE                     |

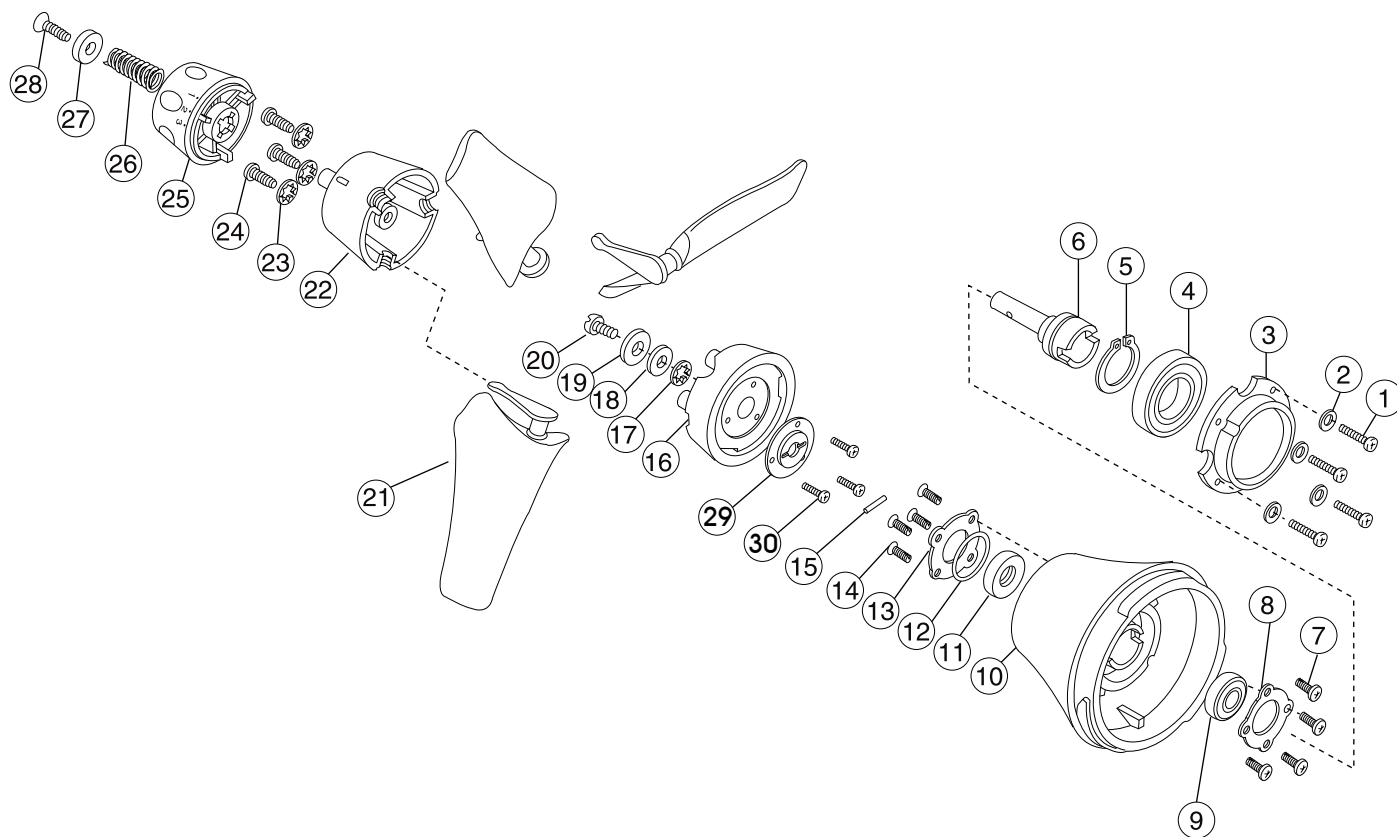
# av-2 / av-2 Evolution bulkhead Assy



| No. | Code       | Description                                |
|-----|------------|--------------------------------------------|
| 1   | 3990100100 | SCREW (SUS304 M3X10) FOR AV-2 SCOOTER      |
| 2   | 2958000023 | AV-2 BATTERY PLUG ASSY                     |
| 3   | 3990100507 | 0130-65 SCREW (SUS304 M5X30)               |
| 4   | 3990100012 | WASHER M5 SUS304 5.3X10 FOR AV-2           |
| 5   | 3990100508 | 0130-78 SCREW SUS304 M4 X 6 X 7            |
| 6   | 3990500012 | SPRING WASHER M4 (PBSP M4)                 |
| 7   | 3950004005 | BATTERY TERMINAL SHAFT(C3604 AVD112)AV-2   |
| 8   | 3993080008 | TERMINAL O-RING (AS568-008) FOR AV-2       |
| 9   | 3100101101 | PLUG(A) :3/8 FOR L.P                       |
| 10  | 3993592011 | O-RING ARP-011/HS75 (REGULATOR & B.C)      |
| 11  | 2958000026 | CONNECT HOLDER ASSY A (RD & BL)            |
| 12  | 2958000027 | CONNECT HOLDER ASSY B (YL & WT)            |
| 13  | 3952080112 | CONNECT RETAINER (ABS BK)                  |
| 14  | 3990100208 | SCREW                                      |
| 15  | 3990100505 | SCREW (SUS304 M4X22) FOR AV-2              |
| 16  | 3952015030 | SENSOR LAMP COVER FOR AV-2 SCOOTER (PC RD) |
| 17  | 3952080102 | BULKHEAD PLATE FOR AV-2 (PBTG30)           |
| 18  | 3993000268 | O-RING BODY HOUSING FOR AV-2 (AS568-268)   |

| No. | Code       | Description                                          |
|-----|------------|------------------------------------------------------|
| 19  | 3998000009 | POWER RELAY PLUG ASSY FOR AV-2 SCOOTER (VF12HU-UL)   |
| 20  | 3990100011 | WASHER M4 SUS304 4.3X8 FOR AV-2 SCOOTER              |
| 21  | 3990100030 | SCREW SUS304 M4 X 12 FOR AV-2                        |
| 22  | 3998000015 | DIODE (NEC IS-955) FOR AV-2 SCOOTER                  |
| 23  | 2958000003 | POWER RELAY TERMINAL ASSY(AWG24 BK L120)             |
| 24  | 3990100510 | 0150-53 NUT/HEX BS M4P-0.7                           |
| 25  | 2958000022 | WATER LEAK SENSOR ASSY FOR AV-2 SCOOTER              |
| 26  | 2958000002 | POWER RELAY SOCKET ASSY FOR AV-2 (AWG22 BK L=230)    |
| 27  | 3952085104 | TERMINAL BASE (TLB-100W 5P)                          |
| 28  | 3990100500 | 0130-69 SW SCREW (M2.6X15X4.6 TP)                    |
| 29  | 3990104061 | 0130-59 SCREW BS M3 X 6                              |
| 30  | 3958000025 | WIRE 16-A/D (AWG22)                                  |
| 31  | 2958000001 | TERMINAL POWER RELAY ASSY FOR AV-2 (AWG12 RD L=120 ) |
| 32  | 3992280011 | NYLON WEB FOR AV-1 WATER LEAK SENSOR                 |
| 33  | 3990500011 | 0120-78 WASHER/SPRING PBSP M3                        |
| 34  | 3990104701 | 0150-52 NUT/HEX BS M3 NICKEL                         |
| 35  | 3990500012 | SPRING WASHER M4 (PBSP M4)                           |

# av-2 / av-2Evolution / av-2Classic / SVX propeller Assy



| No. | Code       | Description                             |
|-----|------------|-----------------------------------------|
|     | 2952080101 | PROPELLER ASSY FOR AV-2                 |
| 1   | 3990100521 | 0130-73 SCREW (SUS304 TP M3X16TP)       |
| 2   | 3990100010 | WASHER M3 SUS304 3.2X6                  |
| 3   | 3952080041 | BEARING HOUSING                         |
| 4   | 3990200003 | BEARING SS6005Z SEA 47OD (NSK)(GRADE 0) |
| 5   | 3990100057 | 0240-14 C-RING SUS304 STW-25            |
| 6   | 3950000002 | PROPELLER SHAFT SUS304 SEA              |
| 7   | 3990100501 | 0130-82 SCREW RETAINER PLT (M3X12 TP)   |
| 8   | 3951100001 | BEARING RETAINER (SUS304 AVC015)        |
| 9   | 3990200002 | BEARING SUS304 6000ZZ SEA (GRADE 0)     |
| 10  | 3952080004 | CASING PROPELLER SHAFT                  |
| 11  | 3993600000 | 0513-23 SEAL FA FAJ1 10X25X7            |
| 12  | 3993592022 | O-RING ARP-022/HS75                     |
| 13  | 3951100005 | SEAL RETAINER(B)(SUS304AVC-012B)        |
| 14  | 3990100502 | SCREW SUS304 M3X10 TP                   |
| 15  | 3990100093 | PIN (3X16)                              |

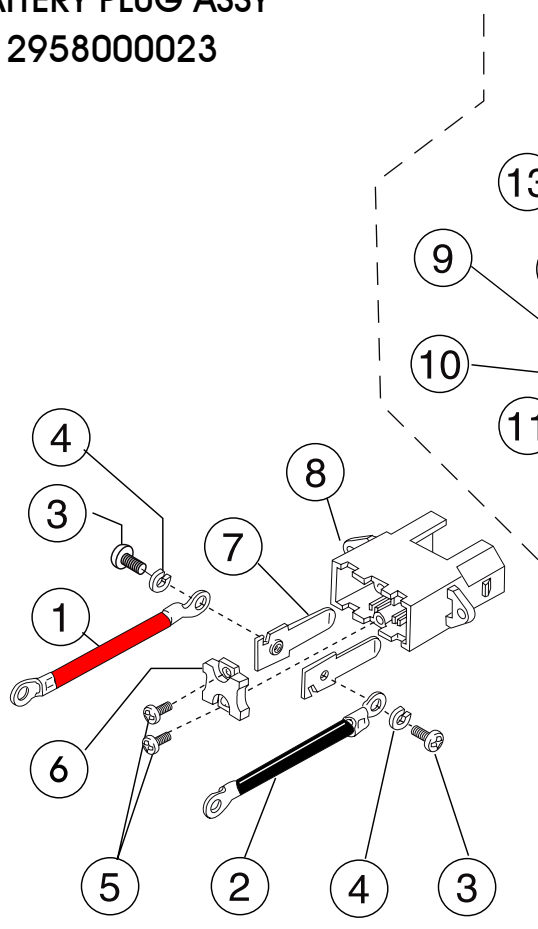
| No. | Code       | Description                              |
|-----|------------|------------------------------------------|
| 16  | 3952080101 | PROPELLER BASE FOR AV-2                  |
| 17  | 3990100028 | WASHER CORRUGATED SUS304 M5              |
| 18  | 3990100027 | BELLEVILLE SPRING                        |
| 19  | 3951100009 | PROPELLER BASE WASHER M5(SUS304)         |
| 20  | 3950004012 | CLUTCH RETAINER SCREW(SUS304 M5X12) AV-2 |
| 21  | 3952080026 | PROPELLER BLADE ASSY                     |
| 22  | 3952080036 | PROPELLER CASING RETAINER                |
| 23  | 3990100021 | WASHER SUS304 M4                         |
| 24  | 3990100504 | SCREW M4X16X7 TP                         |
| 25  | 3952080037 | PITCH KNOB (PBT)                         |
| 26  | 3951200003 | SPRING KNOB SUS304                       |
| 27  | 3950004009 | KNOB SCREW WASHER (C3601BA)              |
| 28  | 3990100512 | 0130-76 SCREW (SUS304 M5X20X10)          |
| 29  | 3950100003 | RETAINER FOR PROPELLER BASE (C3601B)     |
| 30  | 3990100030 | SCREW SUS304 M4X12                       |



# av-2 / av-2E / av-2C Battery plug & socket Assy

## av-2 BATTERY PLUG ASSY

Code : 2958000023

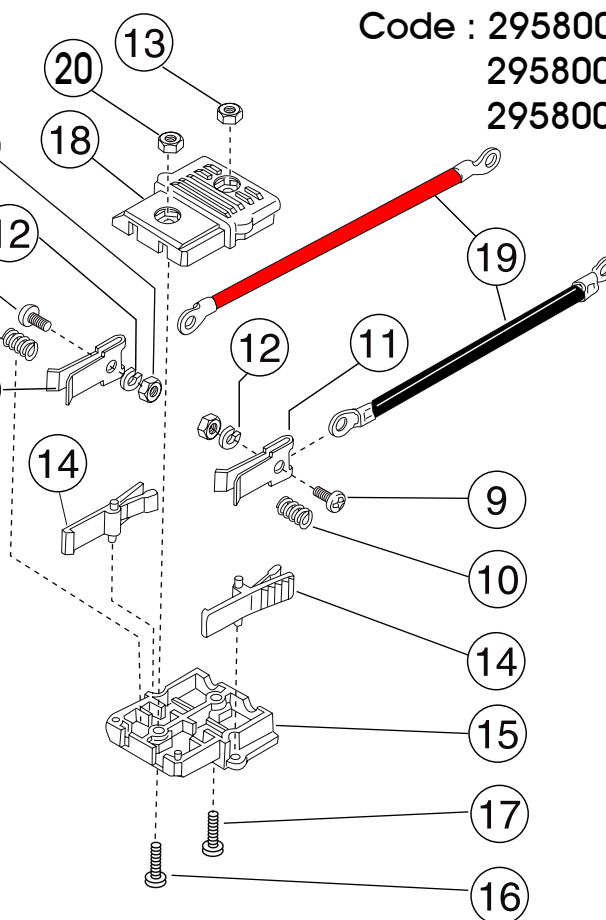


## av-2 BATTERY SOCKET ASSY

Code : 2958000020 10A

2958000029 13A

2958000035 NiMH



| No. | Code       | Description                         |
|-----|------------|-------------------------------------|
| 1~8 | 2958000023 | BATTERY PLUG ASSY FOR AV-2 BULKHEAD |
| 1   | 3958000065 | WIRE/LEAD AWG12 RED                 |
| 2   | 3958000080 | WIRE/LEAD AWG12 BLCK                |
| 3   | 3990104057 | 0130-57 SCREW BS (M3.5X5)           |
| 4   | 3990500012 | 0120-77 WASHER/SPRING PBSP M4       |
| 5   | 3990100100 | SCREW (SUS304 M3X10)                |
| 6   | 3952085015 | RETAINER/PLUG POLY                  |
| 7   | 3951104012 | 0360-35 TERMINAL PLATE/PLUG         |
| 8   | 3952085105 | PLUG HOUSING FOR AV-2 BULKHEAD      |

| No.  | Code       | Description                           |
|------|------------|---------------------------------------|
| 9~20 | 2958000020 | AV-2 BATTERY SOCKET ASSY FOR 10A SLA  |
| 9~20 | 2958000029 | AV-2 BATTERY SOCKET ASSY FOR 13A SLA  |
| 9    | 3990104061 | 0130-59 SCREW BS (M3X6)               |
| 10   | 3951200020 | CONNECTOR SPRING(SUS304)              |
| 11   | 3951104011 | 0360-36 SOCKET C2801 NICKEL           |
| 12   | 3990500011 | 4120-78 WASHER/SPRING PBSP M3         |
| 13   | 3990104701 | 0150-52 NUT/HEX BS M3 NICKEL          |
| 14   | 3952085013 | HOOK LEVER                            |
| 15   | 3952085108 | SOCKET HOUSING B FOR AV-2             |
| 16   | 3992900002 | SCREW M3X8                            |
| 17   | 3990100110 | 0130-61 SCREW (SUS304 M3X10)          |
| 18   | 3952085107 | SOCKET HOUSING A FOR AV-2             |
| 19   | 3958000035 | LEAD WIRE (RED/BK) FOR 10A BATTERY    |
|      | 3958000040 | SOCKET WIRE (RED/BK) FOR 13A BATTERY  |
|      | 3958000041 | TERMINAL WIRE RED FOR 13A SLA BATTERY |
| 20   | 3992900001 | HEX NUT (PLASTIC)                     |