

# Bally

MIDWAY MFG. CO.

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10601 W. Belmont Avenue  
Franklin Park, Illinois 60131  
Telephone (312) 451-9200



October 11, 1983

S E R V I C E B U L L E T I N

GAME:        ASTRON BELT

SUBJECT:    ASTRON BELT LASER DISC

1. The laser disc has been programmed on both sides.
2. When, if ever, the top side is damaged, the disc can be flipped over and played.

Andy Ducay  
Technical Service Manager

AD/dd

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S E R V I C E B U L L E T I N

GAME:       ASTRON BELT

SUBJECT:   LASER DISC & FILTER CLEANING

1. Make sure the disc is clean and free from dirt.
2. Recommended cleaning is about every two weeks using windex or soapy water. Make sure the disc is wiped clean.
3. Also, to prevent an overheating condition, the fan filter must be vacuumed every two weeks for proper air circulation.

Andy Ducay  
Technical Service Manager

AD/dd

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October 17, 1983

S E R V I C E B U L L E T I N

GAME:       ASTRON BELT

SUBJECT:    SELF DIAGNOSTIC TEST

1. The diagnostic test can be advanced to the next test by pressing the start button for a reasonable period of time.
2. When you advance from the input test (switch test) to the next test the start button must be held in for a longer period.
3. After the last diagnostic test, the game will return to the attract mode automatically in approximately 30 seconds.

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Technical Service Manager

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October 17, 1983

S E R V I C E B U L L E T I N

GAME:       ASTRON BELT

SUBJECT:   LASER DISC

1. When the game is inoperative for a long period, remove the laser disc and store it in a vertical position.
2. Storing it in this manner will prevent a warping condition.

Andy Ducay  
Technical Service Manager

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October 19, 1983

S E R V I C E B U L L E T I N

GAME:       ASTRON BELT

SUBJECT:    BACK DOOR KEY

1. To prevent theft of the laser disc player, all back doors will be keyed with a special Illinois Lock, Key #350.

Andy Ducay  
Technical Service Manager

AD/dd

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10601 W. Belmont Avenue  
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October 26, 1983

S E R V I C E B U L L E T I N

GAME:       ASTRON BELT

SUBJECT:   LASER DISC PLAYER SHIPPING SCREW

1. For proper operation of laser disc player, be sure to loosen the shipping screw five (5) or more turns.
2. Remove lens cap and store.
3. Always read and follow all label instructions.

Andy Ducay  
Technical Service Manager

AD/dd

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10601 W. Belmont Avenue  
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October 27, 1983

S E R V I C E B U L L E T I N

GAME:       ASTRON BELT

SUBJECT:    IC-1 BAD IN SELF TEST

1. IC-1 (5473B) has been newly added to your game's EPROM PC Board.
2. This can cause a properly functioning game to give a false error message in the self test mode.
3. As long as your game is functioning properly, disregard this message.

Andy Ducay  
Technical Service Manager

AD/dd

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10601 W. Belmont Avenue  
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November 1, 1983

S E R V I C E B U L L E T I N

GAME:           ASTRON BELT

SUBJECT:       BACK DOOR KEY (As of Serial No. #400)

1. To prevent theft of the laser disc player, all back doors will be keyed individually.
2. At a later date, all Bally Midway video games will be keyed with an individual back door key.

Andy Ducay  
Technical Service Manager

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November 17, 1983

S E R V I C E B U L L E T I N

GAME:           ASTRON BELT

SUBJECT:       HITACHI AND PIONEER LASER DISC PLAYER

1. Due to a shortage of Hitachi VIP 9500 Laser Disc Players, the Astron Belt games will also use the Pioneer LD-V-1000 and LD-V-1001 Disc Players.
2. The Hitachi and Pioneer Laser Disc Players will not be interchangeable. (Game logic & video cable are different)
3. When ordering a game logic board, specify if it's for a Hitachi or Pioneer Disc Player with the following part number.

Hitachi Logic Board       Q834-05194-0200

Pioneer Logic Board       Q834-05194-0600

Andy Ducay  
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November 18, 1983

S E R V I C E B U L L E T I N

GAME:        ASTRON BELT

SUBJECT:    PART NUMBERS (DISCREET)

|                      |                 |
|----------------------|-----------------|
| Pioneer Logic        | Q834-05194-0600 |
| Hitachi Logic        | Q834-05194-0200 |
| Pioneer Disc Player  | Q200-05023-0000 |
| Hitachi Disc Player  | Q200-05017-0100 |
| Laser Disc           | Q200-05019-0000 |
| Z80 "B" CPU          | 66-125BX-XXKX   |
| Demodulator Board    | Q834-05175-0000 |
| Power Amplifier Unit | AA30-00032-0000 |

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Technical Service Manager

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