

F56-BDU
ERROR CODE LIST

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E02 May 2007
E01 May 2006

FUJITSU FRONTECH LIMITED
Tokyo, Japan

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| | | | | | | TITLE | | F56-BDU ERROR CODE LIST | |
| | | | | | | DRAW. NO. | | K3KD03234 ~ K3KD03236-0001 | |
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| Update History | | |
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| ED. | DATE | DESCRIPTION |
| E01 | 2006.05.20 | First edition created from error code of F56-BDU.(Rohs) |
| E02 | 2007.05.20 | Error code 1100,1200-1205,1500,1600-1605,2100,2200-2205,2500,2600-2605, 3100,3200-3205,3500,3600-3605,4100,4200-4205,4500,4600-4605, F80F, F88F, F8AF is additions. |
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| | | | | | | F56-BDU ERROR CODE LIST | | | | | | | | | |
| | | | | | | DRAW. NO. | | | | | | | | | |
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CONTENTS

| | |
|--|-----------|
| 1. OUTLINE | 5 |
| 1.1 ERROR CODE | 5 |
| 1.2 ERROR CODE LIST | 6 |
| 1.3 7SEG DISPLAY | 10 |
| 2. ERROR CODE DETAILS | 11 |
| 2.1 SYSTEM DOWN | 11 |
| 2.2 1ST / 5TH CASSETTE SECTION | 12 |
| 2.3 2ND / 6TH CASSETTE SECTION | 13 |
| 2.4 3RD / 7TH CASSETTE SECTION | 14 |
| 2.5 4TH / 8TH CASSETTE SECTION | 15 |
| 2.6 BILL POOL SECTION | 16 |
| 2.7 TRANSFER SECTION | 17 |
| 2.8 BILL CHECK SECTION | 21 |
| 2.9 EJECTION / SHUTTER SECTION | 22 |
| 2.10 REJECTION / CAPTURE BOX SECTION | 23 |
| 2.11 ERROR RELATED TO THE DOWNLOAD | 24 |
| 2.12 D LEVEL ERROR | 25 |
| 2.13 BD CONTROLLER | 26 |

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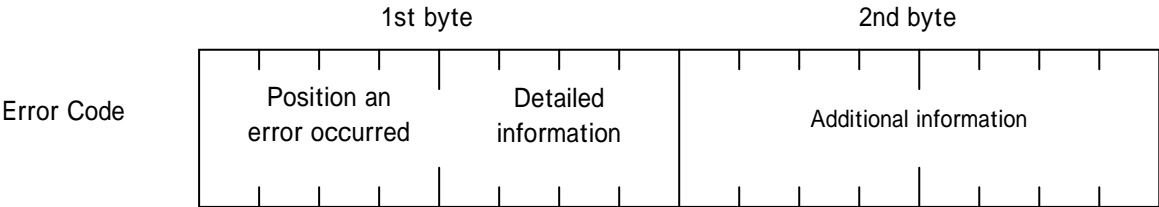
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| | | | | | TITLE | | F56-BDU ERROR CODE LIST | |
| | | | | | DRAW. NO. | | CUST | |
| | | | | | K3KD03234 ~ K3KD03236-0001 | | | |
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1. Outline

This document is described for error cords that occur on F56-BDU.

1.1 Error Code

Error Code which are set in the negative response are classified follows:



- (1) Upper 4 bits of 1st byte show a position in which an error occurred.
Lower 4 bits show detailed information of the error.
- (2) 2nd byte shows additional information for the error code.

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1.2 Error Code List

| System down | | 1st / 5th Cassette section | |
|-------------|----------------------------------|----------------------------|---|
| 00 | Internal error Internal error | 10 | No 1st Cassette |
| 01 | | 11 | 1st cassette empty |
| 02 | | 12 | 1st cassette: Error related to bill diagnosis |
| 03 | | 13 | |
| 04 | | 14 | No 5th Cassette |
| 05 | | 15 | 5th cassette empty |
| 06 | | 16 | 5th cassette: Error related to bill diagnosis |
| 07 | | 17 | |
| 08 | | 18 | 1st Cassette pick error |
| 09 | | 19 | |
| 0A | | 1A | |
| 0B | | 1B | |
| 0C | | 1C | 5th Cassette pick error |
| 0D | | 1D | |
| 0E | | 1E | |
| 0F | | 1F | |

| 2nd / 6th Cassette section | | 3rd / 7th Cassette section | |
|----------------------------|---|----------------------------|---|
| 20 | No 2nd Cassette | 30 | No 3rd Cassette |
| 21 | 2nd cassette empty | 31 | 3rd cassette empty |
| 22 | 2nd cassette: Error related to bill diagnosis | 32 | 3rd cassette: Error related to bill diagnosis |
| 23 | | 33 | |
| 24 | No 6th Cassette | 34 | No 7th Cassette |
| 25 | 6th cassette empty | 35 | (7th cassette empty) |
| 26 | 6th cassette: Error related to bill diagnosis | 36 | 7th cassette: Error related to bill diagnosis |
| 27 | | 37 | |
| 28 | 2nd Cassette pick error | 38 | 3rd Cassette pick error |
| 29 | | 39 | |
| 2A | | 3A | |
| 2B | | 3B | |
| 2C | 6th Cassette pick error | 3C | (7th Cassette pick error) |
| 2D | | 3D | |
| 2E | | 3E | |
| 2F | | 3F | |

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|--------|------|--------|-------|-------|-------------|---|------|
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SHEET

6/27

| 4th / 8th Cassette section | | Bill pool section | |
|----------------------------|---|-------------------|-------------------------|
| 40 | No 4th Cassette | 50 | Home position error |
| 41 | 4th cassette empty | 51 | Upper position error |
| 42 | 4th cassette: Error related to bill diagnosis | 52 | No bill in pool section |
| 43 | | 53 | |
| 44 | No 8th Cassette | 54 | |
| 45 | (8th cassette empty) | 55 | |
| 46 | 8th cassette: Error related to bill diagnosis | 56 | |
| 47 | | 57 | |
| 48 | 4th Cassette pick error | 58 | |
| 49 | | 59 | |
| 4A | | 5A | |
| 4B | | 5B | |
| 4C | (8th Cassette pick error) | 5C | |
| 4D | | 5D | |
| 4E | | 5E | |
| 4F | | 5F | |

| Reserve | | Transfer section | |
|---------|--|------------------|--------------------------------|
| 60 | | 70 | Medium remain |
| 61 | | 71 | |
| 62 | | 72 | |
| 63 | | 73 | |
| 64 | | 74 | |
| 65 | | 75 | |
| 66 | | 76 | Medium pulling out |
| 67 | | 77 | |
| 68 | | 78 | JAM (FDLSn ~ DFSS) |
| 69 | | 79 | |
| 6A | | 7A | JAM (DFSS ~ BPS) |
| 6B | | 7B | JAM (DFSS ~ REJS) |
| 6C | | 7C | JAM (pool section ~ EJSF/EJSR) |
| 6D | | 7D | JAM (EJSF/EJSR ~ pool section) |
| 6E | | 7E | |
| 6F | | 7F | |

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|--------|------|--------|-------|-------|-------------|---|------|
| | | | | | | TITLE F56-BDU ERROR CODE LIST | |
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SHEET

7/27

| Bill check section | | Reserve | |
|--------------------|---------------------------|---------|--|
| 80 | | 90 | |
| 81 | | 91 | |
| 82 | Bill length error (long) | 92 | |
| 83 | Bill length error (short) | 93 | |
| 84 | Thickness error | 94 | |
| 85 | Pick from another safe | 95 | |
| 86 | Abnormal spacing | 96 | |
| 87 | | 97 | |
| 88 | Count mismatch | 98 | |
| 89 | Potentiometer error | 99 | |
| 8A | | 9A | |
| 8B | | 9B | |
| 8C | | 9C | |
| 8D | | 9D | |
| 8E | | 9E | |
| 8F | | 9F | |

| Ejection / Shutter section | | Rejection / Capture box section | |
|----------------------------|--|---------------------------------|--|
| A0 | | B0 | |
| A1 | (Front) Shutter open error | B1 | |
| A2 | (Front) Shutter close error | B2 | |
| A3 | | B3 | |
| A4 | (Front) No bills in the ejection opening | B4 | |
| A5 | | B5 | Reject box overflow |
| A6 | | B6 | |
| A7 | (Front) Open shutter | B7 | |
| A8 | | B8 | (Front) Capture box (option) is no setup |
| A9 | (Rear) Shutter open error | B9 | (Front) Capture box is no set |
| AA | (Rear) Shutter close error | BA | (Front) Capture box overflow |
| AB | | BB | |
| AC | (Rear) No bills in the ejection opening | BC | (Rear) Capture box (option) is no setup |
| AD | | BD | (Rear) Capture box is no set |
| AE | | BE | (Rear) Capture box overflow |
| AF | (Rear) Open shutter | BF | |

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| | | | | | | TITLE | | | | | |
| | | | | | | F56-BDU ERROR CODE LIST | | | | | |
| | | | | | | DRAW. NO. | | | | CUST | |
| | | | | | | K3KD03234 ~ K3KD03236-0001 | | | | | |
| EDIT | DATE | DESIG. | CHECK | APPR. | DESCRIPTION | | | | | | |
| DESIG. | | | CHECK | | | APPR. | | FUJITSU FRONTECH LTD. | | SHEET | 8 / 27 |

| Error related to the download | | Reserve | |
|-------------------------------|---------------------------------------|---------|--|
| C0 | Sequence error | D0 | |
| C1 | Download error | D1 | |
| C2 | Command received except RT, LD and LE | D2 | |
| C3 | Download error | D3 | |
| C4 | | D4 | |
| C5 | | D5 | |
| C6 | | D6 | |
| C7 | | D7 | |
| C8 | | D8 | |
| C9 | | D9 | |
| CA | | DA | |
| CB | | DB | |
| CC | | DC | |
| CD | | DD | |
| CE | | DE | |
| CF | | DF | |

| D level error | | BD controller | |
|---------------|--|---------------|----------------------------------|
| E0 | RAS command undefined | F0 | |
| E1 | Parameter not registered | F1 | Over current error |
| E2 | | F2 | Option setup is unusual. |
| E3 | | F3 | (Front) Option setup is unusual. |
| E4 | Bill information not provided | F4 | (Rear) Option setup is unusual. |
| E5 | Specification error | F5 | |
| E6 | Parameter ISO code error | F6 | Log data check sum error |
| E7 | | F7 | |
| E8 | Bill length/ thickness information error | F8 | Sensor error |
| E9 | | F9 | |
| EA | Parameter error | FA | |
| EB | | FB | |
| EC | FS error | FC | Illegal operation (F56S) |
| ED | | FD | Power off during count (F56S) |
| EE | Command format error | FE | |
| EF | Command execution is impossible. | FF | |

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|--------|------|--------|-------|-------|-------------|---|------|
| | | | | | | TITLE F56-BDU ERROR CODE LIST | |
| | | | | | | DRAW. NO. K3KD03234 ~ K3KD03236-0001 | CUST |
| | | | | | | | |
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1.3 7seg display

State of display

| No. | Display | State |
|-----|---------|---------------------------------------|
| 1 | 0 | Normal state |
| 2 | 1 | The program down loaded incompletely. |
| 3 | r | RAS operation in progress |

System down of display (Power off-on is necessary)

| No. | Display | Description |
|-----|---------|-----------------------|
| 1 | 3. | ROM check sum error |
| 2 | 4. | RAM check error |
| 3 | 5. | Watch dog error |
| 4 | 6. | Transmit error (BOOT) |
| 5 | 7. | FRAM check error |
| 6 | d. | System down |

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|--------|------|--------|-------|-------|-------------|---|------|
| | | | | | | TITLE F56-BDU ERROR CODE LIST | |
| | | | | | | DRAW. NO. K3KD03234 ~ K3KD03236-0001 | CUST |
| | | | | | | | |
| EDIT | DATE | DESIG. | CHECK | APPR. | DESCRIPTION | FUJITSU FRONTTECH LTD. | |
| DESIG. | | | CHECK | | APPR. | | |

SHEET

10 / 27

2. Error code details

2.1 System down

| Semi-major | Additional Information | Detailed information |
|------------|------------------------|---------------------------------|
| 03 | 01 | Internal error 1 |
| | 02 | Internal error 2 |
| 04 | xx | Internal error 3 xx: Task ID |

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|--------|------|--------|-------|-------|-------------|---|------|
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| | | | | | | DRAW. NO. K3KD03234 ~ K3KD03236-0001 | CUST |
| | | | | | | | |
| EDIT | DATE | DESIG. | CHECK | APPR. | DESCRIPTION | FUJITSU FRONTTECH LTD. | |
| DESIG. | | | CHECK | | APPR. | | |

S
H
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11 / 27

2.2 1st / 5th Cassette section

| Semi-major | Additional Information | Detailed information |
|------------|------------------------|---|
| 10 | 00 | No 1st Cassette. |
| 11 | 00 | 1st cassette empty (pick errors while bills low) |
| 12 | 00 | 1st cassette diagnosis data none |
| | 01 | 1st cassette denomination differs |
| | 02 | 1st cassette: The reference value of length cannot be fixed |
| | 03 | 1st cassette: The reference value of the thickness cannot be fixed |
| | 04 | 1st cassette: The length diagnosis result is outside a regulated range |
| | 05 | 1st cassette: The thickness diagnosis result is outside a regulated range (0.09 mm – 0.15 mm) |
| 14 | 00 | No 5th Cassette. |
| 15 | 00 | 5th cassette empty (pick errors while bills low) |
| 16 | 00 | 5th cassette diagnosis data none |
| | 01 | 5th cassette denomination differs |
| | 02 | 5th cassette: The reference value of length cannot be fixed |
| | 03 | 5th cassette: The reference value of the thickness cannot be fixed |
| | 04 | 5th cassette: The length diagnosis result is outside a regulated range |
| | 05 | 5th cassette: The thickness diagnosis result is outside a regulated range (0.09 mm – 0.15 mm) |
| 18 | 00 | 1st Cassette pick error. |
| 1C | 00 | 5th Cassette pick error. |

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|--------|------|--------|-------|-------|-------------|------------------------|--|----------------------------|--|
| | | | | | | TITLE | | F56-BDU ERROR CODE LIST | |
| | | | | | | DRAW. NO. | | K3KD03234 ~ K3KD03236-0001 | |
| | | | | | | | | CUST | |
| EDIT | DATE | DESIG. | CHECK | APPR. | DESCRIPTION | | | | |
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| | | | | | | FUJITSU FRONTTECH LTD. | | SHEET 12 / 27 | |

2.3 2nd / 6th Cassette section

| Semi-major | Additional Information | Detailed information |
|------------|------------------------|---|
| 20 | 00 | No 2nd Cassette. |
| 21 | 00 | 2nd cassette empty (pick errors while bills low) |
| 22 | 00 | 2nd cassette diagnosis data none |
| | 01 | 2nd cassette denomination differs |
| | 02 | 2nd cassette: The reference value of length cannot be fixed |
| | 03 | 2nd cassette: The reference value of the thickness cannot be fixed |
| | 04 | 2nd cassette: The length diagnosis result is outside a regulated range |
| | 05 | 2nd cassette: The thickness diagnosis result is outside a regulated range (0.09 mm – 0.15 mm) |
| 24 | 00 | No 6th Cassette. |
| 25 | 00 | 6th cassette empty (pick errors while bills low) |
| 26 | 00 | 6th cassette diagnosis data none |
| | 01 | 6th cassette denomination differs |
| | 02 | 6th cassette: The reference value of length cannot be fixed |
| | 03 | 6th cassette: The reference value of the thickness cannot be fixed |
| | 04 | 6th cassette: The length diagnosis result is outside a regulated range |
| | 05 | 6th cassette: The thickness diagnosis result is outside a regulated range (0.09 mm – 0.15 mm) |
| 28 | 00 | 2nd Cassette pick error. |
| 2C | 00 | 6th Cassette pick error. |

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|--------|------|--------|-------|-------|-------------|-----------|--|----------------------------|--|
| | | | | | | TITLE | | F56-BDU ERROR CODE LIST | |
| | | | | | | DRAW. NO. | | K3KD03234 ~ K3KD03236-0001 | |
| | | | | | | | | CUST | |
| EDIT | DATE | DESIG. | CHECK | APPR. | DESCRIPTION | | | | |
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SHEET

13 / 27

2.4 3rd / 7th Cassette section

| Semi-major | Additional Information | Detailed information |
|------------|------------------------|---|
| 30 | 00 | No 3rd Cassette. |
| 31 | 00 | 3rd cassette empty (pick errors while bills low) |
| 32 | 00 | 3rd cassette diagnosis data none |
| | 01 | 3rd cassette denomination differs |
| | 02 | 3rd cassette: The reference value of length cannot be fixed |
| | 03 | 3rd cassette: The reference value of the thickness cannot be fixed |
| | 04 | 3rd cassette: The length diagnosis result is outside a regulated range |
| | 05 | 3rd cassette: The thickness diagnosis result is outside a regulated range (0.09 mm – 0.15 mm) |
| 34 | 00 | No 7th Cassette. |
| 35 | 00 | (7th cassette empty (pick errors while bills low)) |
| 36 | 00 | 7th cassette diagnosis data none |
| | 01 | (7th cassette denomination differs) |
| | 02 | (7th cassette: The reference value of length cannot be fixed) |
| | 03 | (7th cassette: The reference value of the thickness cannot be fixed) |
| | 04 | (7th cassette: The length diagnosis result is outside a regulated range) |
| | 05 | (7th cassette: The thickness diagnosis result is outside a regulated range (0.09 mm – 0.15 mm)) |
| 38 | 00 | 3rd Cassette pick error. |
| 3C | 00 | (7th Cassette pick error) |

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| | | | | | | TITLE | | F56-BDU ERROR CODE LIST | |
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| | | | | | | | | CUST | |
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| | | | | | | | | 14 / 27 | |

2.5 4th / 8th Cassette section

| Semi-major | Additional Information | Detailed information |
|------------|------------------------|---|
| 40 | 00 | No 4th Cassette. |
| 41 | 00 | 4th cassette empty (pick errors while bills low) |
| 42 | 00 | 4th cassette diagnosis data none |
| | 01 | 4th cassette denomination differs |
| | 02 | 4th cassette: The reference value of length cannot be fixed |
| | 03 | 4th cassette: The reference value of the thickness cannot be fixed |
| | 04 | 4th cassette: The length diagnosis result is outside a regulated range |
| | 05 | 4th cassette: The thickness diagnosis result is outside a regulated range (0.09 mm – 0.15 mm) |
| 44 | 00 | No 8th Cassette. |
| 45 | 00 | (8th cassette empty (pick errors while bills low)) |
| 46 | 00 | 8th cassette diagnosis data none |
| | 01 | (8th cassette denomination differs) |
| | 02 | (8th cassette: The reference value of length cannot be fixed) |
| | 03 | (8th cassette: The reference value of the thickness cannot be fixed) |
| | 04 | (8th cassette: The length diagnosis result is outside a regulated range) |
| | 05 | (8th cassette: The thickness diagnosis result is outside a regulated range (0.09 mm – 0.15 mm)) |
| 48 | 00 | 4th Cassette pick error. |
| 4C | 00 | (8th Cassette pick error) |

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|--------|------|--------|-------|-------|-------------|-----------|--|----------------------------|--|
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| | | | | | | | | SHEET | |
| | | | | | | | | 15 / 27 | |

2.6 Bill pool section

| Semi-major | Additional Information | Detailed information | | | | | | | |
|------------|------------------------|--|------|------|------|------|------|-----|------|
| 50 | 00 | Home position error of the pool section | | | | | | | |
| | 01 | Pool section lowering retry over. | | | | | | | |
| 51 | 00 | Upper position error of the pool section | | | | | | | |
| | 02 | Pool section lifting retry over. | | | | | | | |
| 52 | XX | No medium in the pool section. | | | | | | | |
| | | XX: Data when judged erroneous (sensor port content) | | | | | | | |
| | | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 |
| | | BRS1 | BRS2 | BRS3 | EJSR | EJSF | REJS | BPS | DFSS |

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S
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16
/
27

2.7 Transfer section

| Semi-major | Additional Information | Detailed information |
|------------|------------------------|---|
| 70 | 01 | Medium remaining at FDLS1. |
| | 02 | Medium remaining at FDLS2. |
| | 03 | Medium remaining at FDLS3. |
| | 04 | Medium remaining at FDLS4. |
| | 05 | Medium remaining at FDLS5. |
| | 06 | Medium remaining at FDLS6. |
| | 07 | (Medium remaining at FDLS7.) |
| | 08 | (Medium remaining at FDLS8.) |
| | 09 | Medium remaining at DFSS. |
| | 0A | (Medium remaining at REJS.) |
| | 0B | Medium remaining at BPS. |
| | 0C | Medium remaining at BRS1. |
| | 0D | Medium remaining at BRS2. |
| | 0E | Medium remaining at BRS3. |
| | 0F | Medium remaining at EJSF. |
| | 10 | Medium remaining at EJSR. |
| | | |
| 76 | 00 | The bill on EJSF was pulled out besides the unit during bill retrieval. |
| | 01 | The bill on EJSR was pulled out besides the unit during bill retrieval. |

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SHEET

17 / 27

| Semi-major | Additional Information | Detailed information |
|------------|------------------------|--|
| 78 | 01 | JAM occurred on FDLS1. |
| | 02 | JAM occurred on FDLS2. |
| | 03 | JAM occurred on FDLS3. |
| | 04 | JAM occurred on FDLS4. |
| | 05 | JAM occurred on FDLS5. |
| | 06 | JAM occurred on FDLS6. |
| | 07 | (JAM occurred on FDLS7.) |
| | 08 | (JAM occurred on FDLS8.) |
| | | |
| | 11 | JAM occurred between FDLS1 and DFSS. |
| | 12 | JAM occurred between FDLS2 and DFSS. |
| | 13 | JAM occurred between FDLS3 and DFSS. |
| | 14 | JAM occurred between FDLS4 and DFSS. |
| | 15 | JAM occurred between FDLS5 and DFSS. |
| | 16 | JAM occurred between FDLS6 and DFSS. |
| | 17 | (JAM occurred between FDLS7 and DFSS.) |
| | 18 | (JAM occurred between FDLS8 and DFSS.) |
| | | |
| | 21 | FDLS1 medium remaining after completion of count. |
| | 22 | FDLS2 medium remaining after completion of count. |
| | 23 | FDLS3 medium remaining after completion of count. |
| | 24 | FDLS4 medium remaining after completion of count. |
| | 25 | FDLS5 medium remaining after completion of count. |
| | 26 | FDLS6 medium remaining after completion of count. |
| | 27 | (FDLS7 medium remaining after completion of count.) |
| | 28 | (FDLS8 medium remaining after completion of count.) |
| | | |
| | 31 | FDLS1 medium remaining after completion of cleaning JAM. |
| | 32 | FDLS2 medium remaining after completion of cleaning JAM. |
| | 33 | FDLS3 medium remaining after completion of cleaning JAM. |
| | 34 | FDLS4 medium remaining after completion of cleaning JAM. |
| | 35 | FDLS5 medium remaining after completion of cleaning JAM. |
| | 36 | FDLS6 medium remaining after completion of cleaning JAM. |
| | 37 | (FDLS7 medium remaining after completion of cleaning JAM.) |
| | 38 | (FDLS8 medium remaining after completion of cleaning JAM.) |
| | | |

| | | | | | | | |
|--------|------|--------|-------|-------|-------------|---|---------|
| | | | | | | TITLE F56-BDU ERROR CODE LIST | |
| | | | | | | DRAW. NO. K3KD03234 ~ K3KD03236-0001 | CUST |
| EDIT | DATE | DESIG. | CHECK | APPR. | DESCRIPTION | FUJITSU FRONTECH LTD. | |
| DESIG. | | | CHECK | | APPR. | | 18 / 27 |

| Semi-major | Additional Information | Detailed information |
|------------|------------------------|---|
| 78 | 41 | FDLS1 was turned on when there was no bill. |
| | 42 | FDLS2 was turned on when there was no bill. |
| | 43 | FDLS3 was turned on when there was no bill. |
| | 44 | FDLS4 was turned on when there was no bill. |
| | 45 | FDLS5 was turned on when there was no bill. |
| | 46 | FDLS6 was turned on when there was no bill. |
| | 47 | (FDLS7 was turned on when there was no bill.) |
| | 48 | (FDLS8 was turned on when there was no bill.) |
| 7A | 01 | JAM occurred on DFSS. |
| | 02 | JAM occurred between DFSS and BPS. |
| | 03 | JAM occurred on BPS. |
| | | |
| | 29 | DFSS medium remaining after completion of count. |
| | 2A | BPS medium remaining after completion of count. |
| | | |
| | 39 | DFSS medium remaining after completion of cleaning JAM. |
| | 3A | BPS medium remaining after completion of cleaning JAM. |
| | | |
| 7B | 01 | JAM occurred between DFSS and REJS. |
| | | |
| | 4B | REJS was turned on when there was no bill |
| | | |

| | | | | | | | |
|--------|------|--------|-------|-------|-------------|---|------|
| | | | | | | TITLE F56-BDU ERROR CODE LIST | |
| | | | | | | DRAW. NO. K3KD03234 ~ K3KD03236-0001 | CUST |
| | | | | | | | |
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| DESIG. | | | CHECK | | APPR. | | |

SHEET

19 / 27

| Semi-major | Additional Information | Detailed information |
|------------|------------------------|---|
| 7C | 01 | Jam occurred between pool section and EJSF. |
| | 02 | Jam occurred between pool section and EJSR. |
| | 03 | The bill was detected at the same time with EJSF and BRS2 while transporting the bill. |
| | 04 | The bill was detected at the same time with EJSF and BRS1 while transporting the bill. |
| | 05 | The bill was detected at the same time with EJSR and BRS3 while transporting the bill. |
| | 06 | The bill was detected at the same time with EJSR and BRS1 while transporting the bill. |
| | 07 | The bill was detected at the same time with EJSR and BRS2 while transporting the bill. |
| | | |
| | 2C | EJSF medium remaining after completion of count. |
| | 2D | EJSR medium remaining after completion of count. |
| | | |
| | 3C | EJSF medium remaining after completion of cleaning JAM. |
| | 3D | EJSR medium remaining after completion of cleaning JAM. |
| | | |
| | 80 | EJSF was turned on during transfer motor rotation before the mechanical reset operation and feed operation of the bill count command. |
| | 81 | EJSR was turned on during transfer motor rotation before the mechanical reset operation and feed operation of the bill count command. |
| 7D | 01 | Jam occurred between EJSF and pool section. |
| | 02 | Jam occurred between EJSR and pool section. |
| | | |
| | 11 | Jam occurred between pool section and EJSR. (Front Retrieval) |
| | 12 | Jam occurred between pool section and EJSF. (Rear Retrieval) |
| | | |

| | | | | | | | |
|--------|------|--------|-------|-------|-------------|---|------|
| | | | | | | TITLE F56-BDU ERROR CODE LIST | |
| | | | | | | DRAW. NO. K3KD03234 ~ K3KD03236-0001 | CUST |
| | | | | | | | |
| EDIT | DATE | DESIG. | CHECK | APPR. | DESCRIPTION | FUJITSU FRONTTECH LTD. | |
| DESIG. | | | CHECK | | APPR. | | |

SHEET

20 / 27

2.8 Bill check section

| Semi-major | Additional Information | Detailed information |
|------------|------------------------|--|
| 82 | 00 | Long bill |
| 83 | 00 | Short bill |
| 84 | 00 | Thickness abnormal |
| 85 | 01 | Pick from another safe. (1st cassette) |
| | 02 | Pick from another safe. (2nd cassette) |
| | 03 | Pick from another safe. (3rd cassette) |
| | 04 | Pick from another safe. (4th cassette) |
| | 05 | Pick from another safe. (5th cassette) |
| | 06 | Pick from another safe. (6th cassette) |
| 86 | 00 | Spacing between picking bills in less than the specified value. |
| 88 | 00 | Count inconsistency (Number of requested notes = number of notes identified as normal = number of notes that passed through BPS does not hold.) |
| | 01 | Count inconsistency (BPS was turned ON when there was no bill.) |
| | 03 | Count mismatch (Medium passed through BPS while clearing a jam.) |
| 89 | xx | Potentiometer error xx: Data when judged erroneous (DFCS measured data) |

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|--------|------|--------|-------|-------|-------------|----------------------------|--|--|--|------------------------|-------|---------|
| | | | | | | TITLE | | | | | | |
| | | | | | | F56-BDU ERROR CODE LIST | | | | | | |
| | | | | | | DRAW. NO. | | | | CUST | | |
| | | | | | | K3KD03234 ~ K3KD03236-0001 | | | | | | |
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| DESIG. | | | CHECK | | | APPR. | | | | | | |

2.9 Ejection / Shutter section

| Semi-major | Additional Information | Detailed information | | | | | | | | | | | | | | | | |
|------------|------------------------|--|------|------|------|------|------|----|----|----|------|------|------|------|------|------|------|------|
| A1 | 00 | (Front) Shutter open error (SCSF does not change) | | | | | | | | | | | | | | | | |
| | 01 | (Front) Shutter open error (SOSF does not change) | | | | | | | | | | | | | | | | |
| | 02 | (Front) Shutter open error (Simultaneous sensor detection) | | | | | | | | | | | | | | | | |
| A2 | 00 | (Front) Shutter close error (SOSF does not change) | | | | | | | | | | | | | | | | |
| | 01 | (Front) Shutter close error (SCSF does not change) | | | | | | | | | | | | | | | | |
| | 02 | (Front) Shutter close error (Simultaneous sensor detection) | | | | | | | | | | | | | | | | |
| A4 | XX | (Front) No medium in the ejection section. XX: Data when judged erroneous (sensor port content) <table><tr><td>b7</td><td>b6</td><td>b5</td><td>b4</td><td>b3</td><td>b2</td><td>b1</td><td>b0</td></tr><tr><td>BRS1</td><td>BRS2</td><td>BRS3</td><td>EJSR</td><td>EJSF</td><td>REJS</td><td>BPS</td><td>DFSS</td></tr></table> | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | BRS1 | BRS2 | BRS3 | EJSR | EJSF | REJS | BPS | DFSS |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | | | | | | | | | | |
| BRS1 | BRS2 | BRS3 | EJSR | EJSF | REJS | BPS | DFSS | | | | | | | | | | | |
| A7 | XX | (Front) Open shutter. XX: Data when judged erroneous (sensor port content) <table><tr><td>b7</td><td>b6</td><td>b5</td><td>b4</td><td>b3</td><td>b2</td><td>b1</td><td>b0</td></tr><tr><td>TUS</td><td>THS</td><td>RJBR</td><td>RJBF</td><td>SOSR</td><td>SCSR</td><td>SOSF</td><td>SCSF</td></tr></table> | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | TUS | THS | RJBR | RJBF | SOSR | SCSR | SOSF | SCSF |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | | | | | | | | | | |
| TUS | THS | RJBR | RJBF | SOSR | SCSR | SOSF | SCSF | | | | | | | | | | | |
| A9 | 00 | (Rear) Shutter open error (SCSR does not change) | | | | | | | | | | | | | | | | |
| | 01 | (Rear) Shutter open error (SOSR does not change) | | | | | | | | | | | | | | | | |
| | 02 | (Rear) Shutter open error (Simultaneous sensor detection) | | | | | | | | | | | | | | | | |
| AA | 00 | (Rear) Shutter close error (SOSR does not change) | | | | | | | | | | | | | | | | |
| | 01 | (Rear) Shutter close error (SCSR does not change) | | | | | | | | | | | | | | | | |
| | 02 | (Rear) Shutter close error (Simultaneous sensor detection) | | | | | | | | | | | | | | | | |
| AC | XX | (Rear) No medium in the ejection section. XX: Data when judged erroneous (sensor port content) <table><tr><td>b7</td><td>b6</td><td>b5</td><td>b4</td><td>b3</td><td>b2</td><td>b1</td><td>b0</td></tr><tr><td>BRS1</td><td>BRS2</td><td>BRS3</td><td>EJSR</td><td>EJSF</td><td>REJS</td><td>BPS</td><td>DFSS</td></tr></table> | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | BRS1 | BRS2 | BRS3 | EJSR | EJSF | REJS | BPS | DFSS |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | | | | | | | | | | |
| BRS1 | BRS2 | BRS3 | EJSR | EJSF | REJS | BPS | DFSS | | | | | | | | | | | |
| AF | XX | (Rear) Open shutter. XX: Data when judged erroneous (sensor port content) <table><tr><td>b7</td><td>b6</td><td>b5</td><td>b4</td><td>b3</td><td>b2</td><td>b1</td><td>b0</td></tr><tr><td>TUS</td><td>THS</td><td>RJBR</td><td>RJBF</td><td>SOSR</td><td>SCSR</td><td>SOSF</td><td>SCSF</td></tr></table> | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | TUS | THS | RJBR | RJBF | SOSR | SCSR | SOSF | SCSF |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | | | | | | | | | | |
| TUS | THS | RJBR | RJBF | SOSR | SCSR | SOSF | SCSF | | | | | | | | | | | |

| | | | | | | | |
|--------|------|--------|-------|-------|-------------|---|------|
| | | | | | | TITLE F56-BDU ERROR CODE LIST | |
| | | | | | | DRAW. NO. K3KD03234 ~ K3KD03236-0001 | CUST |
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| DESIG. | | | CHECK | | APPR. | | |

SHEET

22 / 27

2.10 Rejection / Capture box section

| Semi-major | Additional Information | Detailed information | | | | | | | | | | | | | | | | |
|------------|------------------------|---|------|-------|------|-------|------|----|----|----|------|------|------|------|-------|------|-------|------|
| B5 | XX | Reject box was full. XX: Data when judged erroneous (sensor port content) <table><tr><td>b7</td><td>b6</td><td>b5</td><td>b4</td><td>b3</td><td>b2</td><td>b1</td><td>b0</td></tr><tr><td>BRS1</td><td>BRS2</td><td>BRS3</td><td>EJSR</td><td>EJSF</td><td>REJS</td><td>BPS</td><td>DFSS</td></tr></table> | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | BRS1 | BRS2 | BRS3 | EJSR | EJSF | REJS | BPS | DFSS |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | | | | | | | | | | |
| BRS1 | BRS2 | BRS3 | EJSR | EJSF | REJS | BPS | DFSS | | | | | | | | | | | |
| B8 | XX | (Front) Capture box (option) is no setup XX: Data when judged erroneous (sensor port content) <table><tr><td>b7</td><td>b6</td><td>b5</td><td>b4</td><td>b3</td><td>b2</td><td>b1</td><td>b0</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td>RRBOX</td><td>RSHT</td><td>FRBOX</td><td>FSHT</td></tr></table> | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | - | - | - | - | RRBOX | RSHT | FRBOX | FSHT |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | | | | | | | | | | |
| - | - | - | - | RRBOX | RSHT | FRBOX | FSHT | | | | | | | | | | | |
| B9 | XX | (Front) Capture box is no set XX: Data when judged erroneous (sensor port content) <table><tr><td>b7</td><td>b6</td><td>b5</td><td>b4</td><td>b3</td><td>b2</td><td>b1</td><td>b0</td></tr><tr><td>TUS</td><td>THS</td><td>RJBR</td><td>RJBF</td><td>SOSR</td><td>SCSR</td><td>SOSF</td><td>SCSF</td></tr></table> | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | TUS | THS | RJBR | RJBF | SOSR | SCSR | SOSF | SCSF |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | | | | | | | | | | |
| TUS | THS | RJBR | RJBF | SOSR | SCSR | SOSF | SCSF | | | | | | | | | | | |
| BA | XX | (Front) Capture box was full. XX: Data when judged erroneous (sensor port content) <table><tr><td>b7</td><td>b6</td><td>b5</td><td>b4</td><td>b3</td><td>b2</td><td>b1</td><td>b0</td></tr><tr><td>BRS1</td><td>BRS2</td><td>BRS3</td><td>EJSR</td><td>EJSF</td><td>REJS</td><td>BPS</td><td>DFSS</td></tr></table> | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | BRS1 | BRS2 | BRS3 | EJSR | EJSF | REJS | BPS | DFSS |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | | | | | | | | | | |
| BRS1 | BRS2 | BRS3 | EJSR | EJSF | REJS | BPS | DFSS | | | | | | | | | | | |
| BC | XX | (Rear) Capture box (option) is no setup XX: Data when judged erroneous (sensor port content) <table><tr><td>b7</td><td>b6</td><td>b5</td><td>b4</td><td>b3</td><td>b2</td><td>b1</td><td>b0</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td>RRBOX</td><td>RSHT</td><td>FRBOX</td><td>FSHT</td></tr></table> | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | - | - | - | - | RRBOX | RSHT | FRBOX | FSHT |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | | | | | | | | | | |
| - | - | - | - | RRBOX | RSHT | FRBOX | FSHT | | | | | | | | | | | |
| BD | XX | (Rear) Capture box is no set XX: Data when judged erroneous (sensor port content) <table><tr><td>b7</td><td>b6</td><td>b5</td><td>b4</td><td>b3</td><td>b2</td><td>b1</td><td>b0</td></tr><tr><td>TUS</td><td>THS</td><td>RJBR</td><td>RJBF</td><td>SOSR</td><td>SCSR</td><td>SOSF</td><td>SCSF</td></tr></table> | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | TUS | THS | RJBR | RJBF | SOSR | SCSR | SOSF | SCSF |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | | | | | | | | | | |
| TUS | THS | RJBR | RJBF | SOSR | SCSR | SOSF | SCSF | | | | | | | | | | | |
| BE | XX | (Rear) Capture box was full. XX: Data when judged erroneous (sensor port content) <table><tr><td>b7</td><td>b6</td><td>b5</td><td>b4</td><td>b3</td><td>b2</td><td>b1</td><td>b0</td></tr><tr><td>BRS1</td><td>BRS2</td><td>BRS3</td><td>EJSR</td><td>EJSF</td><td>REJS</td><td>BPS</td><td>DFSS</td></tr></table> | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | BRS1 | BRS2 | BRS3 | EJSR | EJSF | REJS | BPS | DFSS |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | | | | | | | | | | |
| BRS1 | BRS2 | BRS3 | EJSR | EJSF | REJS | BPS | DFSS | | | | | | | | | | | |

| | | | | | | | | |
|--------|------|--------|-------|-------|-------------|-----------|----------------------------|---------|
| | | | | | | TITLE | F56-BDU ERROR CODE LIST | |
| | | | | | | DRAW. NO. | K3KD03234 ~ K3KD03236-0001 | CUST |
| EDIT | DATE | DESIG. | CHECK | APPR. | DESCRIPTION | | | |
| DESIG. | | | CHECK | | APPR. | | FUJITSU FRONTECH LTD. | 23 / 27 |

2.11 Error related to the download

| Semi-major | Additional Information | Detailed information |
|------------|------------------------|---|
| C0 | 00 | Received D level command during RAS mode. |
| | 01 | Received "LE" during executing RAM program. |
| | 02 | Received "LE" before receiving "LD" command. |
| C1 | 00 | After receiving the 'RT', a loss in the download program. |
| | 01 | Flash ROM write error. |
| | 02 | Sum check error of program load. |
| | 03 | After receiving the 'RT', version error. |
| | 04 | Flash ROM erase error. |
| | 05 | File name error of control area format. |
| | 06 | Data size error of control area format. |
| C2 | 01 | BD received the command excluding "RT", "LD", and "LE". |
| C3 | 01 | Download header error. (D-Code is not '00') |
| | 02 | Download header error. (E-Code is not '1' or 'H') |
| | 03 | Block number error. (D-code is 'LD') |
| | 04 | Data length error. |

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|--------|------|--------|-------|-------|-------------|----------------------------|---------|
| | | | | | | TITLE | |
| | | | | | | F56-BDU ERROR CODE LIST | |
| | | | | | | DRAW. NO. | CUST |
| | | | | | | K3KD03234 ~ K3KD03236-0001 | |
| EDIT | DATE | DESIG. | CHECK | APPR. | DESCRIPTION | FUJITSU FRONTTECH LTD. | |
| DESIG. | | | CHECK | | APPR. | | |
| | | | | | | SHEET | 24 / 27 |

2.12 D level error

| Semi-major | Additional Information | Detailed information | | | | | | | | | | | | | | |
|------------|------------------------|---|------|----|----|------|----|----|----|----|-------|------|------|------|---|---|
| E0 | 00 | RAS command undefined | | | | | | | | | | | | | | |
| E1 | 00 | An attempt was made to execute a count system request for device's initialization, although no bill information was registered. | | | | | | | | | | | | | | |
| E4 | 01 | Bill information not provided. (1st cassette) | | | | | | | | | | | | | | |
| | 02 | Bill information not provided. (2nd cassette) | | | | | | | | | | | | | | |
| | 03 | Bill information not provided. (3rd cassette) | | | | | | | | | | | | | | |
| | 04 | Bill information not provided. (4th cassette) | | | | | | | | | | | | | | |
| | 05 | Bill information not provided. (5th cassette) | | | | | | | | | | | | | | |
| | 06 | Bill information not provided. (6th cassette) | | | | | | | | | | | | | | |
| E5 | 01 | Count sequence specification error | | | | | | | | | | | | | | |
| | x x | Specification error of total number of notes xx: Data when judged erroneous (error data) | | | | | | | | | | | | | | |
| E6 | x x | Parameter ISO code error xx: Data when judged erroneous (error data) | | | | | | | | | | | | | | |
| E8 | x x | Note length/thickness information error xx: Data when judged erroneous (error data) | | | | | | | | | | | | | | |
| EA | x x | Parameter error xx: Data when judged erroneous (error data) | | | | | | | | | | | | | | |
| EC | xx | FS error xx: Data when judged erroneous (error data) | | | | | | | | | | | | | | |
| EE | x x | Command format error xx: Data when judged erroneous (error data) | | | | | | | | | | | | | | |
| EF | XX | Command execution is impossible. (Pool section is no setup) XX: Data when judged erroneous (sensor port content) | | | | | | | | | | | | | | |
| | | <table><tr><td>b7</td><td>b6</td><td>b5</td><td>b4</td><td>b3</td><td>b2</td><td>b1</td><td>b0</td></tr><tr><td>F56SF</td><td>TRM2</td><td>TRM1</td><td>TRM0</td><td>-</td><td>-</td><td>F56P</td><td>-</td></tr></table> | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | F56SF | TRM2 | TRM1 | TRM0 | - | - |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 | | | | | | | | | |
| F56SF | TRM2 | TRM1 | TRM0 | - | - | F56P | - | | | | | | | | | |

| | | | | | | | | | |
|--------|------|--------|-------|-------|-------------|----------------------------|--|-----------------------|------------------|
| | | | | | | TITLE | | | |
| | | | | | | F56-BDU ERROR CODE LIST | | | |
| | | | | | | DRAW. NO. | | | CUST |
| | | | | | | K3KD03234 ~ K3KD03236-0001 | | | |
| EDIT | DATE | DESIG. | CHECK | APPR. | DESCRIPTION | | | | |
| DESIG. | | | CHECK | | | APPR. | | FUJITSU FRONTECH LTD. | SHEET 25 / 27 |

2.13 BD Controller

| Semi-major | Additional Information | Detailed information | | | | | | | |
|------------|------------------------|--|----|----|----|-------|------|-------|------|
| F1 | 00 | Over current error | | | | | | | |
| F2 | xx | Option setup is unusual. | | | | | | | |
| | | XX: Data when judged erroneous (sensor port content) | | | | | | | |
| | | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 |
| | | - | - | - | - | RRBOX | RSHT | FRBOX | FSHT |
| F3 | xx | (Front) Option setup is unusual. | | | | | | | |
| | | XX: Data when judged erroneous (sensor port content) | | | | | | | |
| | | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 |
| | | - | - | - | - | RRBOX | RSHT | FRBOX | FSHT |
| F4 | xx | (Rear) Option setup is unusual. | | | | | | | |
| | | XX: Data when judged erroneous (sensor port content) | | | | | | | |
| | | b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 |
| | | - | - | - | - | RRBOX | RSHT | FRBOX | FSHT |
| F6 | xx | Log data check sum error xx: Data when judged erroneous (error sum) | | | | | | | |
| F8 | 01 | Sensor slice level error of FDLS1. | | | | | | | |
| | 02 | Sensor slice level error of FDLS2. | | | | | | | |
| | 03 | Sensor slice level error of FDLS3. | | | | | | | |
| | 04 | Sensor slice level error of FDLS4. | | | | | | | |
| | 05 | Sensor slice level error of FDLS5. | | | | | | | |
| | 06 | Sensor slice level error of FDLS6. | | | | | | | |
| | 07 | Sensor slice level error of DFSS. | | | | | | | |
| | 08 | Sensor slice level error of REJS. | | | | | | | |
| | 09 | Sensor slice level error of BPS. | | | | | | | |
| | 0A | Sensor slice level error of BRS1. | | | | | | | |
| | 0B | Sensor slice level error of BRS2. | | | | | | | |
| | 0C | Sensor slice level error of BRS3. | | | | | | | |
| | 0D | Sensor slice level error of EJSR. | | | | | | | |
| | 0E | Sensor slice level error of EJSF. | | | | | | | |
| | 0F | Sensor slice level error of BCS (op). | | | | | | | |

| | | | | | | | |
|--------|------|--------|-------|-------|-------------|---|------|
| | | | | | | TITLE F56-BDU ERROR CODE LIST | |
| | | | | | | DRAW. NO. K3KD03234 ~ K3KD03236-0001 | CUST |
| EDIT | DATE | DESIG. | CHECK | APPR. | DESCRIPTION | FUJITSU FRONTECH LTD. | |
| DESIG. | | | CHECK | | APPR. | | |
| | | | | | | SHEET 26 / 27 | |

| Semi-major | Additional Information | Detailed information |
|------------|------------------------|---|
| F8 | 81 | Sensor-off check error of FDLS1. |
| | 82 | Sensor-off check error of FDLS2. |
| | 83 | Sensor-off check error of FDLS3. |
| | 84 | Sensor-off check error of FDLS4. |
| | 85 | Sensor-off check error of FDLS5. |
| | 86 | Sensor-off check error of FDLS6. |
| | 87 | Sensor-off check error of DFSS. |
| | 88 | Sensor-off check error of REJS. |
| | 89 | Sensor-off check error of BPS. |
| | 8A | Sensor-off check error of BRS1. |
| | 8B | Sensor-off check error of BRS2. |
| | 8C | Sensor-off check error of BRS3. |
| | 8D | Sensor-off check error of EJSR. |
| | 8E | Sensor-off check error of EJSF. |
| | 8F | Sensor-off check error of BCS (op). |
| | | |
| | A1 | Sensor-on check error of FDLS1. |
| | A2 | Sensor-on check error of FDLS2. |
| | A3 | Sensor-on check error of FDLS3. |
| | A4 | Sensor-on check error of FDLS4. |
| | A5 | Sensor-on check error of FDLS5. |
| | A6 | Sensor-on check error of FDLS6. |
| | A7 | Sensor-on check error of DFSS. |
| | A8 | Sensor-on check error of REJS. |
| | A9 | Sensor-on check error of BPS. |
| | AA | Sensor-on check error of BRS1. |
| | AB | Sensor-on check error of BRS2. |
| | AC | Sensor-on check error of BRS3. |
| | AD | Sensor-on check error of EJSR. |
| | AE | Sensor-on check error of EJSF. |
| | AF | Sensor-on check error of BCS (op). |
| | | |
| | F0 | Sensor level write DAC error. |
| FC | 00 | Illegal operation due to non-notification of data. F56S |
| FD | 00 | Power off during count F56S |

| | | | | | | | |
|--------|------|--------|-------|-------|-------------|---|------|
| | | | | | | TITLE F56-BDU ERROR CODE LIST | |
| | | | | | | DRAW. NO. K3KD03234 ~ K3KD03236-0001 | CUST |
| EDIT | DATE | DESIG. | CHECK | APPR. | DESCRIPTION | FUJITSU FRONTTECH LTD. | |
| DESIG. | | | CHECK | | APPR. | | |
| | | | | | | SHEET 27 / 27 | |