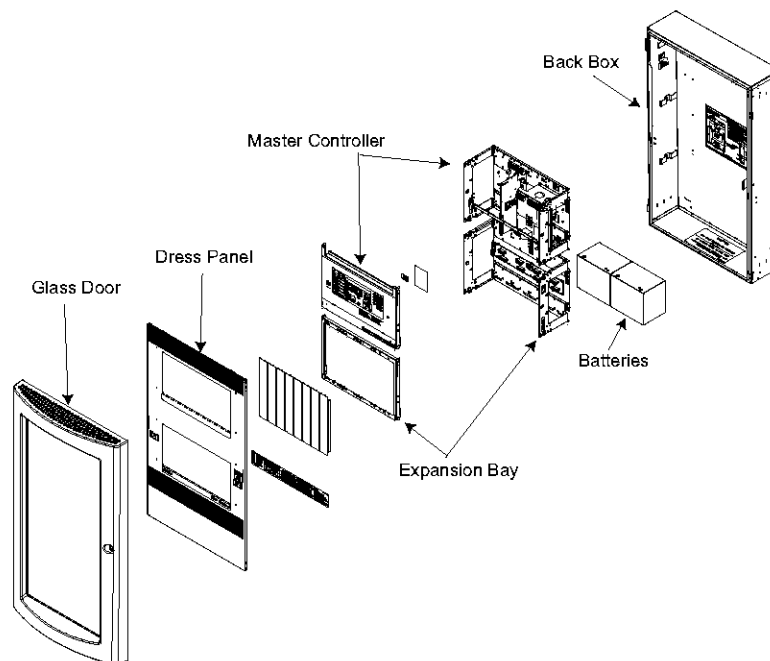




## In this publication

This publication discusses the following:

| Topic                                                       | Page |
|-------------------------------------------------------------|------|
| Back Boxes, Doors, Expansion Bays & Accessories             | 2    |
| CPU & Operator I/F Modules                                  | 3    |
| Communication Modules                                       | 4    |
| IDNet and MAPNET II Modules                                 | 6    |
| Suppression Release Peripherals & Options                   | 6    |
| Relay Modules                                               | 6    |
| Zone Modules                                                | 7    |
| Analog Audio Modules                                        | 7    |
| Digital Audio Modules                                       | 8    |
| Audio Optional Modules                                      | 9    |
| Firefighter Phone Modules & Accessories                     | 10   |
| Transponder Interface Modules                               | 11   |
| Annunciator Modules & Accessories                           | 11   |
| Power Supplies, Chargers & Expansion Modules                | 13   |
| Transformers                                                | 14   |
| Batteries                                                   | 15   |
| Resistors & EOL Resistor Harnesses                          | 15   |
| Harness Assemblies                                          | 16   |
| Motherboards, Miscellaneous Modules, Accessories & Hardware | 18   |
| Fuses                                                       | 19   |
| Labels                                                      | 20   |
| Service Equipment                                           | 20   |
| Software                                                    | 21   |

## 4100ES Service Parts List

| Back Boxes, Doors, Expansion Bays & Accessories |                    |                          |                                                              |
|-------------------------------------------------|--------------------|--------------------------|--------------------------------------------------------------|
| Replacement Service Part                        | For Reference Only |                          | Description                                                  |
|                                                 | Sales Feature PID  | Installation Instruction |                                                              |
| Back Boxes                                      |                    |                          |                                                              |
| 2975-9407                                       | 2975-9407          | 579-117                  | 1 Bay Back Box – Red                                         |
| 2975-9408                                       | 2975-9408          |                          | 2-Bay Back Box – Red                                         |
| 2975-9409                                       | 2975-9409          |                          | 3-Bay Back Box – Red                                         |
| 2975-9438                                       | 2975-9438          |                          | 1 Bay Back Box – Platinum                                    |
| 2975-9439                                       | 2975-9439          |                          | 2 Bay Back Box – Platinum                                    |
| 2975-9440                                       | 2975-9440          |                          | 3 Bay Back Box – Platinum                                    |
| Back Box Accessories                            |                    |                          |                                                              |
| 2975-9811                                       | 2975-9811          | 579-117                  | Semi-Flush Trim Band – Beige (fits 1, 2, and 3-bay boxes)    |
| 2975-9812                                       | 2975-9812          |                          | Semi-Flush Trim Band – Red (fits 1, 2, and 3-bay boxes)      |
| 2975-9813                                       | 2975-9813          |                          | Semi-Flush Trim Band – Platinum (fits 1, 2, and 3-bay boxes) |
| Doors and Dress Panels                          |                    |                          |                                                              |
| 4100-2104                                       | 4100-2104          | 579-117                  | 1 Bay Plastic Door (Glass) & Dress Panel - Platinum          |
| 4100-2105                                       | 4100-2105          |                          | 2 Bay Plastic Door (Glass) & Dress Panel - Platinum          |
| 4100-2106                                       | 4100-2106          |                          | 3 Bay Plastic Door (Glass) & Dress Panel - Platinum          |
| 4100-2124                                       | 4100-2124          |                          | 1 Bay Plastic Door (Glass) & Dress Panel - Red               |
| 4100-2125                                       | 4100-2125          |                          | 2 Bay Plastic Door (Glass) & Dress Panel - Red               |
| 4100-2126                                       | 4100-2126          |                          | 3 Bay Plastic Door (Glass) & Dress Panel - Red               |
| Door Accessories                                |                    |                          |                                                              |
| 266-085                                         | NA                 | NA                       | “B” Cam Lock for Plastic door                                |
| 650-450                                         |                    |                          | Box Hinge - Platinum                                         |
| Rack-Mount Kits                                 |                    |                          |                                                              |
| 4100-2140                                       | 4100-2140          | 579-229                  | Master Controller Rack Bay Mounting Kit                      |
| 4100-2144                                       | 4100-2144          |                          | Rack-Mount PDM Mounting Kit                                  |
| 4100-2145                                       | 4100-2145          | NA                       | Option Bay Mounting Kit                                      |
| Expansion Bays                                  |                    |                          |                                                              |
| 4100-2300                                       | 4100-2300          | 574-848                  | Expansion Bay – 4100ES Back Box                              |
| 4100-2301                                       | 4100-2301          | 579-229                  | Expansion Bay – 4100ES Legacy Back Box                       |

## 4100ES Service Parts List

| CPU & Operator I/F Modules                                                                        |                    |                          |                          |                   |                                                               |
|---------------------------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------|-------------------|---------------------------------------------------------------|
| Replacement Service Part                                                                          | For Reference Only |                          |                          |                   | Description                                                   |
|                                                                                                   | PC Board Assembly  | Installation Instruction | Inter-connection Harness | Sales Feature PID |                                                               |
| CPU                                                                                               |                    |                          |                          |                   |                                                               |
| 742-516                                                                                           | 566-227            | 574-912                  | NA                       | NA                | CPU Motherboard                                               |
| 8566-719                                                                                          | 566-719            | 579-943                  | 746-180                  | 4100-7158         | NXP Master Controller                                         |
| 746-177                                                                                           | 746-177            | NA                       | NA                       | NA                | 2GB Compact Flash Memory                                      |
| Operator Interfaces                                                                               |                    |                          |                          |                   |                                                               |
| 742-590                                                                                           | 566-284            | 574-925                  | 734-033<br>734-026       | NA                | 2X40 Master Operator Interface Assembly                       |
| 742-740                                                                                           | 566-284            | 574-925                  |                          |                   | 2X40 Master Operator Interface Assembly, Canadian - French    |
| 566-284                                                                                           | 566-284            | 574-925                  |                          |                   | 2X40 Master Operator Interface PCB                            |
| 4100-7153                                                                                         | 566-536<br>566-538 | 579-229                  | 734-008                  | 4100-7153         | InfoAlarm display Assy. for 4100ES mount, English             |
| 4100-7155                                                                                         | 566-536<br>566-538 | 579-229                  | 734-008                  | 4100-7155         | InfoAlarm display Assy. for 4100ES mount, Int'l               |
| 743-185                                                                                           | 566-536<br>566-538 | 574-925                  | 734-008                  | NA                | InfoAlarm display Assy. for 4100ES mount, French              |
| 4100-7154                                                                                         | 566-536<br>566-538 | 579-229                  | 734-008                  | 4100-7154         | InfoAlarm display Assy. for 4100 Legacy mount, English        |
| 4100-7156                                                                                         | 566-536<br>566-538 | 579-229                  | 734-008                  | 4100-7156         | InfoAlarm display Assy. for 4100 Legacy mount, Int'l          |
| 743-325                                                                                           | 566-536<br>566-538 | 579-687                  | 734-008                  | NA                | Display Assy. (small) for Remote InfoAlarm w/cabinet, English |
| 743-327                                                                                           | 566-536<br>566-538 | 579-687                  | 734-008                  | NA                | Display Assy. (small) for Remote InfoAlarm w/cabinet, Int'l   |
| 743-326                                                                                           | 566-536<br>566-538 | 579-687                  | 734-008                  | NA                | Display Assy. (small) for Remote InfoAlarm w/cabinet, French  |
| 566-848                                                                                           | 566-848            | 579-943                  | 746-180                  | NA                | 4100ES Front Panel Ethernet                                   |
| Memory - InfoAlarm                                                                                |                    |                          |                          |                   |                                                               |
| 4100-0640                                                                                         | 566-579            | 579-686                  | NA                       | 4100-0640         | InfoAlarm Memory Expansion Module – 6 Meg.                    |
| Note: An “8” prefix on Replacement Service Part numbers indicates a repaired assembly / PC Board. |                    |                          |                          |                   |                                                               |

## 4100ES Service Parts List

| Communication Modules    |                       |                          |                          |                   |                                             |
|--------------------------|-----------------------|--------------------------|--------------------------|-------------------|---------------------------------------------|
| Replacement Service Part | For Reference Only    |                          |                          |                   | Description                                 |
|                          | PC Board Assembly     | Installation Instruction | Inter-connection Harness | Sales Feature PID |                                             |
| General                  |                       |                          |                          |                   |                                             |
| 566-440<br>8566-440      | 566-440               | 579-513                  | 734-053                  | 4100-3115         | XA Loop Interface Card                      |
| 8566-276                 | 566-276               | 579-194                  | NA                       | 4100-6030         | Service Port Modem                          |
| 4100-6031                | 565-999               | 574-839                  | 733-952                  | 4100-6031         | City Module with Disconnect                 |
| 4100-6032                | 566-078               | 574-839                  |                          | 4100-6032         | City Module without Disconnect              |
| 4100-6033                | 566-058               | 574-839                  |                          | 4100-6033         | Alarm Relay Card                            |
| 4100-6034                | NA                    | 579-195                  | 734-053                  | 4100-6034         | Tamper Switch with IDNet IAM                |
| 8565-415                 | 565-415               | 579-221                  | NA                       | 4100-6038         | Dual RS232 Interface Card - Legacy          |
| 4100-6046                | 566-798               | 579-910                  |                          | 4100-6046         | Dual RS232 Interface Module – 4x5 Flat Card |
| 565-270                  | 565-270               | 574-037                  |                          | 4100-6045         | Decoder Module                              |
| 8565-744                 | 565-744               | 574-050                  |                          | 4100-6048         | VESDA Interface Kit                         |
| 566-787<br>or 566-158    | 566-787<br>or 566-158 | 574-836                  | 733-929                  | 4100-6052         | Event and Point Reporting DACT              |
| 4004-9810 or<br>8566-799 | 566-799               | 579-158                  | 841-992                  | 4004-9810         | Contact Closure DACT                        |
| 8566-338                 | 566-338               | 574-046                  | NA                       | 4100-6055         | Dial-In Service Modem                       |
| 8566-355                 | 566-355               | 579-349                  | NA                       | 4100-6060         | Fire Panel Internet Interface (SafeLINC)    |
| 566-587                  | 566-587               | 579-902                  | 734-165                  | 4100-6068         | TFX Network Interface Assembly              |
| 976451                   | 976451                | 579-902                  | 733-909                  | 4100-6068         | TFXnet Network Interface PCA                |
| 4100-6065                | 566-696               | 579-805                  | NA                       | 4100-6065         | BMUX Comms Module                           |
| 4100-6066                | 566-705               | 579-811                  | 734-180                  | 4100-6066         | TFX Addressable Loop Interface              |
| 566-132                  | 566-132               | 574-913                  | 733-572                  | 4100-9816         | Master Clock Interface Kit                  |
| Fiber Modem              |                       |                          |                          |                   |                                             |
| 566-571<br>8566-571      | 566-571               | 579-581                  | NA                       | 4100-6063         | Fiber Optic Modem                           |
| ***                      | 566-573               |                          |                          |                   | Fiber Optic - Left Port                     |
| 566-571<br>8566-571      | 566-571               | 579-581                  | NA                       | 4100-6064         | Fiber Optic Modem                           |
| ***                      | 566-574               |                          |                          |                   | Fiber Optic - Right Port                    |
| 566-571<br>8566-571      | 566-571               | 579-831                  | NA                       | 4100-6072         | Fiber Optic Modem                           |
| 566-716<br>8566-716      | 566-716               |                          |                          |                   | Fiber Optic - Left Port – single mode       |
| 566-571<br>8566-571      | 566-571               | 579-831                  | NA                       | 4100-6073         | Fiber Optic Modem                           |
| 566-717<br>8566-717      | 566-717               |                          |                          |                   | Fiber Optic - Right Port – single mode      |
| 566-571<br>8566-571      | 566-571               | 579-831                  | NA                       | 4100-6074         | Fiber Optic Modem                           |
| 566-714<br>8566-714      | 566-714               |                          |                          |                   | Fiber Optic - Left Port - multimode         |

## 4100ES Service Parts List

| Communication Modules (Continued)                                                                                                                                                                                                       |                                          |                          |                          |                        |                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------|--------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Replacement Service Part                                                                                                                                                                                                                | For Reference Only                       |                          |                          |                        | Description                                                                                                                     |
|                                                                                                                                                                                                                                         | PC Board Assembly                        | Installation Instruction | Inter-connection Harness | Sales Feature PID      |                                                                                                                                 |
| 566-571<br>8566-571                                                                                                                                                                                                                     | 566-571                                  | 579-831                  | NA                       | 4100-6075              | Fiber Optic Modem                                                                                                               |
| 566-715<br>8566-715                                                                                                                                                                                                                     | 566-715                                  |                          |                          |                        | Fiber Optic - Right Port - multimode                                                                                            |
| 4100-9842<br>4190-9018                                                                                                                                                                                                                  | 566-670                                  | 579-581                  | 734-191                  | 4100-9842<br>4190-9018 | Fiber Modem Audio Expansion Card                                                                                                |
| <b>Network</b>                                                                                                                                                                                                                          |                                          |                          |                          |                        |                                                                                                                                 |
| 4010-6014<br>4100-6078                                                                                                                                                                                                                  | 565-516<br>566-793                       | 579-182                  | NA                       | 4010-6014<br>4100-6078 | Network Interface Card – Modular (Media Modules NOT included)                                                                   |
| 4100-6036<br>4100-6101                                                                                                                                                                                                                  | 565-649<br>566-794                       |                          |                          |                        |                                                                                                                                 |
| 4100-6037<br>4100-6102                                                                                                                                                                                                                  | 565-649<br>565-713<br>566-794<br>565-713 | 579-184                  | 733-808                  | 4100-6037<br>4100-6102 | Physical Bridge – Style – 7 (Media Modules NOT included)                                                                        |
| 742-859<br>8566-338                                                                                                                                                                                                                     | 566-338                                  |                          |                          |                        |                                                                                                                                 |
| 565-413                                                                                                                                                                                                                                 | 565-413                                  | 579-182<br>579-184       | NA                       | 4100-6056              | Network Media Card – Wired                                                                                                      |
| 566-376<br>8566-376                                                                                                                                                                                                                     | 566-376                                  | 579-182<br>579-184       | NA                       | 4100-6057              | Network Media Card – Fiber Optic (Replacement for 565-261)                                                                      |
| 4100-9849<br>4100-9863                                                                                                                                                                                                                  | 565-516<br>566-793                       | 579-818                  | 734-211                  | 4100-9849<br>4100-9863 | TCP/IP Style 4 Physical Bridge Kit – includes Ethernet adapter and mounting hardware (media modules must be ordered separately) |
| 4100-9850<br>4100-9864                                                                                                                                                                                                                  | 565-516<br>566-793                       |                          |                          |                        |                                                                                                                                 |
| 565-713                                                                                                                                                                                                                                 | 565-713                                  | 579-184                  | 733-808                  | NA                     | Network Media Mounting Adapter – Physical Bridge                                                                                |
| 4100-6069                                                                                                                                                                                                                               | NA                                       | 579-842                  | NA                       | 4100-6069              | BAC Pac Ethernet Module                                                                                                         |
| 4100-6047                                                                                                                                                                                                                               | 566-821                                  | 579-949                  | NA                       | 4100-6047              | Building Network Interface Card (BNIC)                                                                                          |
| <b>Notes:</b><br>An “8” prefix on Replacement Service Part numbers indicates a repaired assembly / PC Board.<br>***Select one of 566-714 through 566-717 according to left/right requirements and to match the fiber type on your site. |                                          |                          |                          |                        |                                                                                                                                 |

## 4100ES Service Parts List

| IDNet and MAPNET II Modules                                                                              |                    |                          |                          |                   |                                                                                    |
|----------------------------------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------|-------------------|------------------------------------------------------------------------------------|
| Replacement Service Part                                                                                 | For Reference Only |                          |                          |                   | Description                                                                        |
|                                                                                                          | PC Board Assembly  | Installation Instruction | Inter-connection Harness | Sales Feature PID |                                                                                    |
| 4100-3101                                                                                                | 566-044            | 574-800                  | NA                       | 4100-3101         | IDNet Module – 250 Devices                                                         |
| 566-736<br>8562-976                                                                                      | 566-736<br>562-976 | 579-222                  | 734-071                  | 4100-3102         | MAPNET II Interface Module                                                         |
| 562-974                                                                                                  | 562-974            | 579-222                  | 734-071                  | 4100-3102         | MAPNET II Power Supply                                                             |
| 8565-158                                                                                                 | 565-158            | 579-514                  | 733-677                  | 4100-3103         | MAPNET II /IDNet Quad Isolator Module (requires Firmware 1.03 or higher for IDNet) |
| 4100-3104                                                                                                | 566-329            | 574-800                  | NA                       | 4100-3104         | IDNet Module – 127 Devices                                                         |
| 4100-3105                                                                                                | 566-330            |                          |                          | 4100-3105         | IDNet Module – 64 Devices                                                          |
| 4100-3106                                                                                                | 566-421            |                          |                          | 4100-3106         | IDNet Module – QuickConnect2 (11.03)                                               |
| 4100-3107                                                                                                | 566-675            | 579-786                  | NA                       | 4100-3107         | IDNet+ Module – 246 Devices, Quad Isolator                                         |
| <b>Note: An “8” prefix on Replacement Service Part numbers indicates a repaired assembly / PC Board.</b> |                    |                          |                          |                   |                                                                                    |

| Suppression Release Peripherals & Options                                                         |                    |                          |                          |                   |                                                     |
|---------------------------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------|-------------------|-----------------------------------------------------|
| Replacement Service Part                                                                          | For Reference Only |                          |                          |                   | Description                                         |
|                                                                                                   | PC Board Assembly  | Installation Instruction | Inter-connection Harness | Sales Feature PID |                                                     |
| 2975-9227                                                                                         | NA                 | NA                       | NA                       | 2975-9227         | Red Enclosure (for use with 4090-9005)              |
| 4010-9830                                                                                         | NA                 |                          |                          | 4010-9830         | Releasing Panel Applique - English                  |
| 4010-9830CAF                                                                                      | NA                 |                          |                          | 4010-9830CAF      | Releasing Panel Applique - Canadian                 |
| 4090-9005                                                                                         | 566-104            | 579-385                  | NA                       | 4090-9005         | IDNet Suppression Release Peripheral                |
| 4090-9006                                                                                         |                    |                          |                          | 4090-9006         | IDNet Suppression Release Peripheral with Enclosure |
| 4090-9812                                                                                         | NA                 |                          | NA                       | 4090-9812         | LED Option (for use with 4090-9005)                 |
| Note: An “8” prefix on Replacement Service Part numbers indicates a repaired assembly / PC Board. |                    |                          |                          |                   |                                                     |

| Relay Modules                                                                       |                    |                          |                          |                   |                                                    |
|-------------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------|-------------------|----------------------------------------------------|
| Replacement Service Part                                                            | For Reference Only |                          |                          |                   | Description                                        |
|                                                                                     | PC Board Assembly  | Installation Instruction | Inter-connection Harness | Sales Feature PID |                                                    |
| 562-760                                                                             | 562-760            | NA                       | NA                       | 4100-3201*        | 4-Point (2-Amp) Auxiliary Relay Module (Legacy)    |
| 562-951                                                                             | 562-951            |                          |                          | 4100-3202         | 4-Point (10-Amp) Auxiliary Relay Module (Legacy)   |
| 565-045                                                                             | 565-045            |                          |                          | 4100-3203*        | 8-Point (3-Amp) Auxiliary Relay Module (Legacy)    |
| 4100-3204                                                                           | 566-401            |                          |                          | 4100-3204         | 4-Point (2-Amp) Auxiliary Relay Module 4x5 (11.03) |
| 4100-3206                                                                           | 566-403            |                          |                          | 4100-3206         | 8-Point (2-Amp) Auxiliary Relay Module 4x5 (11.03) |
| * Discontinued Sales PID. Order via the Available Replacement Service Part numbers. |                    |                          |                          |                   |                                                    |

## 4100ES Service Parts List

| Zone Modules             |                    |                          |                          |                   |                               |
|--------------------------|--------------------|--------------------------|--------------------------|-------------------|-------------------------------|
| Replacement Service Part | For Reference Only |                          |                          |                   | Description                   |
|                          | PC Board Assembly  | Installation Instruction | Inter-connection Harness | Sales Feature PID |                               |
| 565-226                  | 565-226            | 579-205                  | NA                       | 4100-5005         | 8-Point Zone Module - Class B |
| 565-231                  | 565-231            |                          |                          | 4100-5015         | 8-Point Zone Module - Class A |

| Analog Audio Modules                                                                                                                                                              |                    |                          |                          |                            |                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------|
| Replacement Service Part                                                                                                                                                          | For Reference Only |                          |                          |                            | Description                                                                                                         |
|                                                                                                                                                                                   | PC Board Assembly  | Installation Instruction | Inter-connection Harness | Sales Feature PID          |                                                                                                                     |
| Analog Modules                                                                                                                                                                    |                    |                          |                          |                            |                                                                                                                     |
| 8566-218                                                                                                                                                                          | 566-218            | 579-159                  | NA                       | 4100-1210                  | Audio Controller Board - Analog                                                                                     |
| 4100-1340                                                                                                                                                                         | 566-701            | 579-815                  | NA                       | 4100-1340                  | TFX Audio Interface                                                                                                 |
| Analog Amplifiers                                                                                                                                                                 |                    |                          |                          |                            |                                                                                                                     |
| 8743-436<br>566-523                                                                                                                                                               | 566-523            | 579-173                  | NA                       | 4100-1312                  | Analog Flex 50 Watt Amplifier w/3 Class B NACs - 25V RMS w/ Constant Supervision (11.08)                            |
| 8743-437<br>566-523                                                                                                                                                               | 566-523            | 579-173                  | NA                       | 4100-1313                  | Analog Flex 50 Watt Amplifier w/3 Class B NACs - 70V RMS w/ Constant Supervision (11.08)                            |
| 743-457<br>8566-521                                                                                                                                                               | 566-521            | NA                       | NA                       | NA                         | Analog 100 Watt Amplifier, w/ 6 Class B NACs , and Constant Supervision (11.08) (Amp PC Board Only)                 |
| 8566-524                                                                                                                                                                          | 566-524            | NA                       | NA                       | NA                         | Analog 100 Watt Amplifier, w/ 6 Class B NACs, and Constant Supervision (11.08) Canada (Amp PC Board Only)           |
| 8743-438<br>8566-521                                                                                                                                                              | 566-521            | 579-174                  | NA                       | 4100-1314<br>4100- 1320BU* | Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs - 120VAC, 25V RMS w/ Constant Supervision (11.08)         |
| 8743-439<br>8566-521                                                                                                                                                              | 566-521            | 579-174                  | NA                       | 4100-1315<br>4100-1321BU*  | Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs - 120VAC, 70V RMS w/ Constant Supervision (11.08)         |
| 8566-524                                                                                                                                                                          | 566-524            | 579-174                  | NA                       | 4100-1316<br>4100-1322BU*  | Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs - 120VAC, 25V RMS Canada w/ Constant Supervision (11.08)  |
| 8566-524                                                                                                                                                                          | 566-524            | 579-174                  | NA                       | 4100-1317<br>4100-1323BU*  | Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs - 120VAC, 70V RMS Canada w/ Constant Supervision (11.08)  |
| 8566-521                                                                                                                                                                          | 566-521            | 579-174                  | NA                       | 4100-1318<br>4100-1324BU*  | Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 220/230/240VAC, 25V RMS w/ Constant Supervision (11.08) |
| 8566-521                                                                                                                                                                          | 566-521            | 579-174                  | NA                       | 4100-1319<br>4100-1325BU*  | Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 220/230/240VAC, 70V RMS w/ Constant Supervision (11.08) |
| 8743-444<br>566-523                                                                                                                                                               | 566-523            | 579-173                  | NA                       | 4100-1361                  | Analog Flex 35 Watt Amplifier w/3 Class B NACs - 25V RMS w/ Constant Supervision                                    |
| 8743-445<br>566-523                                                                                                                                                               | 566-523            | 579-173                  | NA                       | 4100-1362                  | Analog Flex 35 Watt Amplifier w/3 Class B NACs - 70V RMS w/ Constant Supervision                                    |
| * Discontinued Sales PID. Order via the Available Replacement Service Part numbers.<br>An “8” prefix on Replacement Service Part numbers indicates a repaired assembly / PC Board |                    |                          |                          |                            |                                                                                                                     |

## 4100ES Service Parts List

| Digital Audio Modules                                                                                                                                                             |                               |                          |                          |                            |                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------|--------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------|
| Replacement Service Part                                                                                                                                                          | For Reference Only            |                          |                          |                            | Description                                                                                                          |
|                                                                                                                                                                                   | PC Board Assembly             | Installation Instruction | Inter-connection Harness | Sales Feature PID          |                                                                                                                      |
| Digital Modules                                                                                                                                                                   |                               |                          |                          |                            |                                                                                                                      |
| 8566-409                                                                                                                                                                          | 566-409                       | 579-159                  | NA                       | 4100-1311                  | Audio Controller Board w/ CRC – Digital (11.08)                                                                      |
| Digital Amplifiers                                                                                                                                                                |                               |                          |                          |                            |                                                                                                                      |
| 8743-447<br>566-223<br>566-523<br>566-559                                                                                                                                         | 566-223<br>566-523<br>566-559 | 579-173                  | NA                       | 4100-1326                  | Digital Flex 50 Watt Amplifier w/3 Class B NACs - 25V RMS w/ Constant Supervision (11.08)                            |
| 8743-448<br>566-223<br>566-523<br>566-559                                                                                                                                         | 566-223<br>566-523<br>566-559 | 579-173                  | NA                       | 4100-1327                  | Digital Flex 50 Watt Amplifier w/3 Class B NACs - 70V RMS w/ Constant Supervision (11.08)                            |
| 8743-449<br>8566-521<br>566-223                                                                                                                                                   | 566-521<br>566-223            | 579-174                  | NA                       | 4100-1328<br>4100 -1334BU* | Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs - 120VAC, 25V RMS w/Constant Supervision (11.08)          |
| 8566-521<br>566-223                                                                                                                                                               | 566-521<br>566-223            | 579-174                  | NA                       | 4100-1329<br>4100-1335BU*  | Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 120VAC, 70V RMS w/Constant Supervision (11.08)          |
| 8566-524<br>566-223                                                                                                                                                               | 566-524<br>566-223            | 579-174                  | NA                       | 4100-1330<br>4100-1336BU*  | Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 120VAC, 25V RMS Canada w/ Constant Supervision (11.08)  |
| 8566-524<br>566-223                                                                                                                                                               | 566-524<br>566-223            | 579-174                  | NA                       | 4100-1331<br>4100-1337BU*  | Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 120VAC, 70V RMS Canada w/Constant Supervision (11.08)   |
| 8566-521<br>566-223                                                                                                                                                               | 566-521<br>566-223            | 579-174                  | NA                       | 4100-1332<br>4100-1338BU*  | Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 220/230/240VAC, 25V RMS w/Constant Supervision (11.08)  |
| 8566-521<br>566-223                                                                                                                                                               | 566-521<br>566-223            | 579-174                  | NA                       | 4100-1333<br>4100-1339BU   | Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 220/230/240VAC, 70V RMS w/ Constant Supervision (11.08) |
| 8743-455<br>566-223<br>566-523<br>566-559                                                                                                                                         | 566-223<br>566-523<br>566-559 | 579-173                  | NA                       | 4100-1363                  | Digital Flex 35 Watt Amplifier w/3 Class B NACs – 25V RMS w/Constant Supervision (11.08)                             |
| 8743-456<br>566-223<br>566-523<br>566-559                                                                                                                                         | 566-223<br>566-523<br>566-559 | 579-173                  | NA                       | 4100-1364                  | Digital Flex 35 Watt Amplifier w/3 Class B NACs – 70V RMS w/Constant Supervision (11.08)                             |
| * Discontinued Sales PID. Order via the Available Replacement Service Part numbers.<br>An “8” prefix on Replacement Service Part numbers indicates a repaired assembly / PC Board |                               |                          |                          |                            |                                                                                                                      |



## 4100ES Service Parts List

| Audio Optional Modules   |                    |                          |                             |                   |                                                                                                     |
|--------------------------|--------------------|--------------------------|-----------------------------|-------------------|-----------------------------------------------------------------------------------------------------|
| Replacement Service Part | For Reference Only |                          |                             |                   | Description                                                                                         |
|                          | PC Board Assembly  | Installation Instruction | Inter-connection Harness    | Sales Feature PID |                                                                                                     |
| 4100-0623                | 566-249            | 574-844                  | NA                          | 4100-0623         | Network Audio Riser Controller                                                                      |
| 4100-1240                | 566-037            | 579-160                  | 734-048                     | 4100-1240         | Auxiliary Audio Input Board                                                                         |
| 4100-1241                | 566-357            | 579-172                  | NA                          | 4100-1241         | Message Expansion Board (8 Min. [4MB])                                                              |
| 4100-1242                | 566-362            |                          |                             | 4100-1242         | Message Expansion Board (32 Min. [16MB])                                                            |
| 4100-1243                | NA                 | 579-168                  | 734-042                     | 4100-1243         | Microphone Module                                                                                   |
| 4100-1244                | NA                 | 579-168                  | NA                          | 4100-1244         | Remote Microphone Module                                                                            |
| 566-221                  | 566-221            | 579-175                  | NA                          | 4100-1245         | Flex 50 Expansion NAC Board w/3 Class B NACs                                                        |
| 566-220                  | 566-220            |                          |                             | 4100-1246         | Flex 50 Class A Adapter                                                                             |
| 566-221                  | 566-221            |                          |                             | 4100-1248         | 100 Watt Expansion NAC Board w/6 Class B NACs (includes 2, 566-221 modules)                         |
| 566-220                  | 566-220            |                          |                             | 4100-1249         | 100 Watt Class A Adapter                                                                            |
| 566-316                  | 566-316            | 579-168                  | NA                          | 4100-1252         | 1-Channel Audio Operator Interface Module                                                           |
| 566-316                  | 566-316            |                          |                             | 4100-1253         | 1.5-Channel Audio Operator Interface Mod.                                                           |
| 566-317                  | 566-317            |                          |                             | 4100-1254         | 2-Channel Audio Operator Interface Module                                                           |
| 566-318                  | 566-318            |                          |                             | 4100-1255         | 3 – 8-Channel Audio Operator Interface Module                                                       |
| 4100-1258                | NA                 | NA                       | 734-102 & 734-103           | 4100-1258         | NPU/ Audio Interconnection Module                                                                   |
| 4100-1259                | 566-491            | 579-515                  | NA                          | 4100-1259         | Constant Supervision NAC 25V w/3 Class A/B NACs for 4100-13xx Amplifiers (11.08)                    |
| 8566-492                 | 566-492            | 579-515                  | NA                          | 4100-1260         | Constant Supervision NAC 70V w/3 Class A/B NACs for 4100-13xx Amplifiers and 4100-5116 XSIG (11.08) |
| 4100-1266                | 566-598            | 579-175                  | NA                          | 4100-1266         | Expansion Signal Card Class B Expander (XNAC) (11.08)                                               |
| 566-220                  | 566-220            | 579-175                  | NA                          | 4100-1267         | Expansion Signal Card Class A Adapter (11.08)                                                       |
| 8566-492                 | 566-492            | 579-515                  | NA                          | 4100-1268         | Constant Supervision NAC – 25V RMS for use with 4100-5116 Expansion Signal Card (11.08)             |
| 4100-1274                | 566-761            | 579-879                  | NA                          | 4100-1274         | Microphone Mux Module                                                                               |
| 4100-5116                | 566-489            | 579-516                  | NA                          | 4100-5116         | Expansion Signal Card w/3 Class B NACs (11.08)                                                      |
| 4190-9011                | 618-019            | 574-795                  | 734-114, 734-115, & 734-116 | 4190-9011         | Master Fiber Optic Audio Modem                                                                      |
| 4190-9012                | 618-020            | 574-795                  | 733-579                     | 4190-9012         | Slave Fiber Optic Audio Modem                                                                       |
| 4190-9014                | NA                 | 574-795                  | NA                          | 4190-9014         | Voice Fiber Modem Mounting Kit (for use with 4190-9011, -9012)                                      |
| 275-002                  | NA                 | NA                       | NA                          | NA                | Microphone Only (Noise Canceling)                                                                   |
| 635-946                  | NA                 | NA                       | NA                          | NA                | Microphone Only                                                                                     |

## 4100ES Service Parts List

| Audio Optional Modules (Continued)                                                          |                    |                          |                          |                   |                                                  |
|---------------------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------|-------------------|--------------------------------------------------|
| Replacement Service Part                                                                    | For Reference Only |                          |                          |                   | Description                                      |
|                                                                                             | PC Board Assembly  | Installation Instruction | Inter-connection Harness | Sales Feature PID |                                                  |
| 566-223                                                                                     | 566-223            | NA                       | NA                       | NA                | Digital Audio Decoder                            |
| 565-457                                                                                     | 565-457            | NA                       | NA                       | NA                | NPU Audio Interface Board                        |
| 566-559                                                                                     | 566-559            | NA                       | NA                       | NA                | Flex Amplifier Mezzanine Card                    |
| 742-302                                                                                     | 565-919            | 574-878                  | NA                       | NA                | Audio Isolation Transformer                      |
| 743-736                                                                                     | NA                 | 579-837                  | NA                       | NA                | BMUX Replacement Class A Audio Mounting bracket  |
| 566-765<br>8566-765                                                                         | 566-765            | 579-837                  | NA                       | NA                | 4100ES to BMUX Class A audio riser monitor board |
| NA                                                                                          | NA                 | NA                       | NA                       | NA                | Keyswitch 2 Pos SPDT for DFMS Assy               |
| An "8" prefix on Replacement Service Part numbers indicates a repaired assembly / PC Board. |                    |                          |                          |                   |                                                  |

| Firefighter Phone Modules & Accessories                                                     |                    |                          |                          |                   |                                                                                                       |
|---------------------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------|-------------------|-------------------------------------------------------------------------------------------------------|
| Replacement Service Part                                                                    | For Reference Only |                          |                          |                   | Description                                                                                           |
|                                                                                             | PC Board Assembly  | Installation Instruction | Inter-connection Harness | Sales Feature PID |                                                                                                       |
| 4100-1270                                                                                   | 566-127<br>566-286 | 579-226                  | 734-055                  | 4100-1270         | Master Telephone with Phone Card and 3 NACs (combines 4100-1271 & 4100-1272)                          |
| 4100-1271                                                                                   | 566-286            | 579-226                  | NA                       | 4100-1271         | Remote Master Phone - includes enclosure, telephone handset, Master Phone Interface Bd, no phone card |
| 4100-1272                                                                                   | 566-127            | 579-226                  |                          | 4100-1272         | Expansion Phone Card                                                                                  |
| 4100-1297                                                                                   | 566-760            | 579-862                  |                          | 4100-1297         | TFX Phone Controller                                                                                  |
| 4100-1273                                                                                   | 566-131            | 579-226                  |                          | 4100-1273         | Telephone Class A NAC Adapter Module                                                                  |
| 566-286                                                                                     | 566-286            | NA                       |                          | NA                | Master Phone Interface Board                                                                          |
| NA                                                                                          | NA                 | NA                       |                          | NA                | Master/Remote Phone Enclosure Only                                                                    |
| NA                                                                                          | NA                 | NA                       |                          | NA                | Actuator - FACP Phone                                                                                 |
| 625-220                                                                                     | NA                 | NA                       |                          | NA                | Telephone Handset (for Master/Remote Phone)                                                           |
| Accessories                                                                                 |                    |                          |                          |                   |                                                                                                       |
| 2084-9001                                                                                   | NA                 | NA                       | NA                       | 2084-9001         | Remote Phone Jack station                                                                             |
| 2084-9014                                                                                   | NA                 |                          |                          | 2084-9014         | Standard Red Pluggable Phone w/Jack                                                                   |
| 2084-9023                                                                                   | 565-106            |                          |                          | 2084-9023         | Remote Phone Jack Station w/Call-In LED                                                               |
| 2084-9024                                                                                   | NA                 |                          |                          | 2084-9024         | Push-to-Talk Red Pluggable Phone w/Jack                                                               |
| An “8” prefix on Replacement Service Part numbers indicates a repaired assembly / PC Board. |                    |                          |                          |                   |                                                                                                       |

## 4100ES Service Parts List

| Transponder Interface Modules                                                               |                    |                          |                          |                   |                                                                     |
|---------------------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------|-------------------|---------------------------------------------------------------------|
| Replacement Service Part                                                                    | For Reference Only |                          |                          |                   | Description                                                         |
|                                                                                             | PC Board Assembly  | Installation Instruction | Inter-connection Harness | Sales Feature PID |                                                                     |
| 4100-0620                                                                                   | 566-093            | 574-844                  | NA                       | 4100-0620         | Basic Transponder Interface Module                                  |
| 4100-0621                                                                                   | 566-242            | 574-844                  | 733-997                  | 4100-0621         | Analog Audio Riser Module                                           |
| 8566-407                                                                                    | 566-407            | 574-844                  | 733-997                  | 4100-0622         | Digital Audio Riser Module w/ CRC                                   |
| 4100-1341                                                                                   | 566-833            | 574-844                  | 733-997                  | 4100-1341         | MCC Digital Audio Riser Module w/CRC                                |
| 4100-0625                                                                                   | 566-094            | 574-844                  | NA                       | 4100-0625         | Local Mode Transponder Interface Module                             |
| 4100-0632                                                                                   | NA                 | 579-248                  | NA                       | 4100-0632         | Terminal Block Utility Module                                       |
| 4100-0633                                                                                   | NA                 | 579-195                  | 734-054                  | 4100-0633         | Tamper Switch - Transponder Cabinet                                 |
| 4601-9108                                                                                   | NA                 | 579-343                  | NA                       | 4601-9108         | Local Mode Controller - Flush Mount Red                             |
| 4601-9109                                                                                   | NA                 | 579-343                  | NA                       | 4601-9109         | Local Mode Controller - Surface Mount Red (includes matching box)   |
| 4601-9110                                                                                   | NA                 | 579-343                  | NA                       | 4601-9110         | Local Mode Controller - Flush Mount Beige                           |
| 4601-9111                                                                                   | NA                 | 579-343                  | NA                       | 4601-9111         | Local Mode Controller - Surface Mount Beige (includes matching box) |
| 8566-407                                                                                    | 566-243            | 574-844                  | 733-997                  | N/A               | Digital Audio Riser Module (Service Replacement Only)               |
| 743-560                                                                                     | 566-141            | 579-785                  | 734-008                  | N/A               | Basic Remote Transponder Interface Card – plate mount               |
| An “8” prefix on Replacement Service Part numbers indicates a repaired assembly / PC Board. |                    |                          |                          |                   |                                                                     |

| Annunciator Modules & Accessories |                    |                          |                          |                   |                                                                         |
|-----------------------------------|--------------------|--------------------------|--------------------------|-------------------|-------------------------------------------------------------------------|
| Replacement Service Part          | For Reference Only |                          |                          |                   | Description                                                             |
|                                   | PC Board Assembly  | Installation Instruction | Inter-connection Harness | Sales Feature PID |                                                                         |
| 4100-1275                         | 566-786            | 574-843                  | 166-226/227              | 4100-1275         | HOA IBC Module (English Text) with 24 Switches, 24 LEDs Green/Red/White |
| 4100-1276                         | 566-432            | 574-843                  | 166-226/227              | 4100-1276         | 8 Red Pluggable LED Module (11.03)                                      |
| 4100-1277                         | 566-433            | 574-843                  | 166-226/227              | 4100-1277         | 16 Red/Yel Pluggable LED Module (11.03)                                 |
| 4100-1278                         | 566-430            | 574-843                  | 166-226/227              | 4100-1278         | 16-Switch, 16 Red/Yellow LED Module                                     |
| 4100-1279                         | N/A                | 574-843                  | NA                       | 4100-1279         | 2-inch (51mm) Blank Display Module                                      |
| 4100-1280                         | 566-239            | 574-843                  | 166-226/227              | 4100-1280         | 8-Switch, 8 Red LED Module                                              |
| 4100-1281                         | 566-123            | 574-843                  | 166-226/227              | 4100-1281         | 8-Switch, 8 Yellow LED Module                                           |
| 4100-1282                         | 566-091            | 574-843                  | 166-226/227              | 4100-1282         | 8-Switch, 16 Red/Yellow LED Module                                      |
| 4100-1283                         | 566-122            | 574-843                  | 166-226/227              | 4100-1283         | 8-Switch, 16 Yellow LED Module                                          |
| 4100-1284                         | 566-092            | 574-843                  | 166-226/227              | 4100-1284         | 8-Switch, 16 Red/Green LED Module                                       |
| 4100-1285                         | 566-238            | 574-843                  | 166-226/227              | 4100-1285         | 16-Switch, 16 Red LED Module                                            |

## 4100ES Service Parts List

| Annunciator Modules & Accessories (Continued)                                               |                    |                          |                          |                   |                                                                               |
|---------------------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------|-------------------|-------------------------------------------------------------------------------|
| Replacement Service Part                                                                    | For Reference Only |                          |                          |                   | Description                                                                   |
|                                                                                             | PC Board Assembly  | Installation Instruction | Inter-connection Harness | Sales Feature PID |                                                                               |
| 4100-1286                                                                                   | 566-235            | 574-843                  | 166-226/227              | 4100-1286         | HOA Module (English Text) with 24 Switches, 24 Green/Red/Green LEDs           |
| 4100-1287                                                                                   | 566-236            | 574-843                  | 166-226/227              | 4100-1287         | 24-Switch, 24 Red LED Module                                                  |
| 566-060                                                                                     | 566-060            | 574-843                  | NA                       | 4100-1288         | 64/64 LED/Switch Cont. Mod. w/mntng plate                                     |
| 566-060                                                                                     | 566-060            | 574-843                  | NA                       | 4100-1289         | Exp. 64/64 LED/Switch Controller Module                                       |
| 8562-789<br>562-858                                                                         | 562-789<br>562-858 | 579-183                  | NA                       | 4100-1290         | 24-Point Graphic I/O Module                                                   |
| 565-217<br>562-856                                                                          | 565-217<br>562-856 | 579-213                  | NA                       | 4100-1291         | Remote Unit Interface                                                         |
| 4100-1292                                                                                   | NA                 | 579-265                  | NA                       | 4100-1292         | Remote Command Center (includes 4603-9101 LCD Annunciator & Front Panel Assy) |
| 4100-1293                                                                                   | 637-413            | 579-249                  | NA                       | 4100-1293         | Panel-Mounted Printer                                                         |
| 4100-1295                                                                                   | 566-235            | 574-843                  | 166-226/227              | 4100-1295         | HOA Module (No Text) with 24 Switches, 24 Green/Red/Green LEDs                |
| 4100-1296                                                                                   | 566-351            | 574-843                  | 166-226/227              | 4100-1296         | 8-Switch 16 Green/Yellow LED Module                                           |
| 4100-1299                                                                                   | 566-786            | 574-843                  | 166-226/227              | 4100-1299         | HOA IBC Module (No Text) with 24 Switches, 24 LEDs Green/Red/White            |
| 4100-1300                                                                                   | NA                 | 574-843                  | 166-226/227              | 4100-1300         | 16 Pluggable LED / 16 Switch Module – RED/YEL                                 |
| 4100-1301                                                                                   | 566-796            | 574-843                  | 166-226/227              | 4100-1301         | HOA Module (No Text) w/ 24 Sw & 24 GRN/YEL/ GRN LEDs                          |
| 4100-1302                                                                                   | 566-796            | 574-843                  | 166-226/227              | 4100-1302         | HOA Module (No Text) w/ 24 Sw & 24 GRN/YEL/ GRN LEDs                          |
| 4100-9843                                                                                   | NA                 | NA                       | NA                       | 4100-9843         | LED Kit - 8 Yellow LEDs (11.03)                                               |
| 4100-9844                                                                                   | NA                 | NA                       | NA                       | 4100-9844         | LED Kit - 8 Green LEDs (11.03)                                                |
| 4100-9845                                                                                   | NA                 | NA                       | NA                       | 4100-9845         | LED Kit - 8 Red LEDs (11.03)                                                  |
| 562-876<br>8562-876                                                                         | 562-876            | NA                       | NA                       | 4602-9101         | Remote Command Unit (RCU)                                                     |
| 562-817                                                                                     | 562-817            | NA                       | NA                       | 4602-9102         | Status Command Center (SCU)                                                   |
| 4603-9101                                                                                   | NA                 | NA                       | NA                       | 4603-9101         | Rem. LCD Annun. w/Alarm Silenced LED                                          |
| 274-240                                                                                     | NA                 | NA                       | NA                       | NA                | Red LED                                                                       |
| 274-241                                                                                     | NA                 | NA                       | NA                       | NA                | Yellow LED                                                                    |
| 274-242                                                                                     | NA                 | NA                       | NA                       | NA                | Green LED                                                                     |
| 274-328                                                                                     | NA                 | NA                       | NA                       | NA                | White LED                                                                     |
| NA                                                                                          | NA                 | NA                       | NA                       | NA                | LED – Suppression Release Peripheral                                          |
| 454-101                                                                                     | NA                 | NA                       | NA                       | NA                | Key (for RCU and LCD Annunciator)                                             |
| 454-130                                                                                     | NA                 | NA                       | NA                       | NA                | Keyswitch (for RCU and LCD Annunciator)                                       |
| 565-078                                                                                     | 565-078            | NA                       | NA                       | NA                | CPU Board (for 4603-9101 LCD Annun.)                                          |
| 565-329                                                                                     | 565-329            | NA                       | NA                       | NA                | Display Board (for 4603-9101 LCD Annun.)                                      |
| 636-409                                                                                     | 636-409            | NA                       | NA                       | NA                | Overlay (for 4603-9101 LCD Annunciator)                                       |
| An “8” prefix on Replacement Service Part numbers indicates a repaired assembly / PC Board. |                    |                          |                          |                   |                                                                               |

## 4100ES Service Parts List

| Power Supplies, Chargers & Expansion Modules |                    |                          |                          |                   |                                                                                                                         |
|----------------------------------------------|--------------------|--------------------------|--------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------|
| Replacement Service Part                     | For Reference Only |                          |                          |                   | Description                                                                                                             |
|                                              | PC Board Assembly  | Installation Instruction | Inter-connection Harness | Sales Feature PID |                                                                                                                         |
| Power Supplies                               |                    |                          |                          |                   |                                                                                                                         |
| 4100-0156                                    | 565-166            | 574-123                  | 733-940 & 733-941        | 4100-0156         | 8V DC Converter                                                                                                         |
| 566-246                                      | 566-246            | 574-923                  | NA                       | 4100-0634         | Power Distribution Module (120 volts)                                                                                   |
| 566-248                                      | 566-248            | 574-923                  | NA                       | 4100-0635         | Power Distribution Module (220/230/240 volts)                                                                           |
| 8742-383<br>566-075<br>8566-075              | 566-075            | 574-772                  | NA                       | 4100-5101         | Expansion Pwr Supply (XPS) w/3 Built-in Class A/B NACs - 120VAC 60Hz                                                    |
| 566-075<br>8566-075                          | 566-075            | 574-772                  | NA                       | 4100-5102         | Expansion Pwr Supply (XPS) w/3 Built-in Class A/B NACs – 220/230/240VAC 50/60Hz                                         |
| 566-076                                      | 566-076            | 574-772                  | NA                       | 4100-5103         | Expansion Pwr Supply (XPS) w/3 Built-in Class A/B NACs – 120VAC 60Hz – Canada                                           |
| 742-342<br>8566-071                          | 566-071            | 574-911                  | 733-996                  | NA                | System Pwr Supply (SPS) PCA (Domestic & International) (SPS PC board only)                                              |
| 742-343                                      | 566-072            | 574-911                  | 733-996                  | NA                | System Pwr Supply (SPS) PCA (Canada) (SPS PC board only)                                                                |
| 8742-631<br>8566-071                         | 566-071            | 579-246                  | NA                       | 4100-5111         | Expansion System Pwr Supply (SPS) w/3 Class A/B NACs, IDNet Channel & Charger - 120VAC 60Hz (mounts to PDI)             |
| 4100-5112                                    | 566-072            | 579-246                  | NA                       | 4100-5112         | Expansion System Pwr Supply (SPS) w/3 Class A/B NACs, IDNet Channel & Charger – 120VAC 60Hz (mounts to PDI) – Canada    |
| 8566-071                                     | 566-071            | 579-246                  | NA                       | 4100-5113         | Expansion System Pwr Supply (SPS) w/3 Class A/B NACs, IDNet Channel & Charger – 220/230/240 VAC 50/60Hz (mounts to PDI) |
| 8742-659<br>566-323<br>8566-323              | 566-323            | 579-336                  | NA                       | 4100-5120         | TrueAlert Pwr Supply (TPS) w/3 Class B Channels – 120VAC 60Hz                                                           |
| 566-324                                      | 566-324            | 579-336                  | NA                       | 4100-5121         | TrueAlert Pwr Supply (TPS) w/3 Class B Channels – 120VAC 60Hz – Canada                                                  |
| 566-323<br>8566-323                          | 566-323            | 579-336                  | NA                       | 4100-5122         | TrueAlert Pwr Supply (TPS) w/3 Class B Channels – 220/230/240VAC 50/60Hz                                                |
| 8742-628<br>566-277<br>8566-277              | 566-277            | 579-246                  | NA                       | 4100-5125         | Remote Pwr Supply (RPS) w/3 Class A/B NACs & Charger 120VAC 60Hz                                                        |
| 566-278                                      | 566-278            | 579-246                  | NA                       | 4100-5126         | Remote Pwr Supply (RPS) w/3 Class A/B NACs & Charger 120VAC 60Hz – Canada                                               |
| 566-277<br>8566-277                          | 566-277            | 579-246                  | NA                       | 4100-5127         | Remote Pwr Supply (RPS) w/3 Class A/B NACs & Charger 220/230/240VAC 50/60Hz                                             |
| 565-215                                      | 565-215            | 579-218                  | NA                       | 4100-5152         | 12V 2A Power Option                                                                                                     |
| 566-722                                      | 566-722            | 579-902                  | 734-205                  | 4100-6068         | 5V Converter Card (TFXnet Interface)                                                                                    |
| 4100-5130                                    | 566-710            | 579-812                  | NA                       | 4100-5130         | TFX Voltage Regulator                                                                                                   |
| 8740-802                                     | NA                 | NA                       | NA                       | 4100-6005*        | Universal Power Supply (for Legacy Upgrade)                                                                             |

## 4100ES Service Parts List

| Power Supplies, Chargers & Expansion Modules (Continued)                                                                                                                           |                    |                          |                          |                   |                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------|-------------------|-------------------------------------------------------------------------------|
| Replacement Service Part                                                                                                                                                           | For Reference Only |                          |                          |                   | Description                                                                   |
|                                                                                                                                                                                    | PC Board Assembly  | Installation Instruction | Inter-connection Harness | Sales Feature PID |                                                                               |
| External Chargers                                                                                                                                                                  |                    |                          |                          |                   |                                                                               |
| 566-320<br>8566-320                                                                                                                                                                | 566-320            | 579-268                  | 734-082 &<br>734-023     | 4081-9306         | 120V External Battery Cabinet with Charger for 110 Ah Batteries – Red         |
| 566-320<br>8566-320                                                                                                                                                                | 566-320            | 579-268                  | 734-082 &<br>734-023     | 4081-9308         | 220/230/240V External Battery Cabinet with Charger for 110 Ah Batteries – Red |
| Optional Modules                                                                                                                                                                   |                    |                          |                          |                   |                                                                               |
| 4100-0650                                                                                                                                                                          | N/A                | 575-978                  |                          | 4100-0650         | Battery Shelf for use with 50 AH Batteries                                    |
| 4100-1266                                                                                                                                                                          | 566-598            | 579-175                  | NA                       | 4100-1266         | Expansion Signal Card - 3 NACs Class B Expander (XNAC)                        |
| 566-220                                                                                                                                                                            | 566-220            | 579-175                  | NA                       | 4100-1267         | Expansion Signal Card, Class A Adapter                                        |
| 4100-5115                                                                                                                                                                          | 566-025            | 574-772                  | NA                       | 4100-5115         | Expansion NAC Module (XPS) – 3 NACs                                           |
| 4100-5116                                                                                                                                                                          | 566-489            | 579-516                  | NA                       | 4100-5116         | Expansion Signal Card (XSIG Card)                                             |
| 4100-5124                                                                                                                                                                          | 566-326            | 579-336                  | NA                       | 4100-5124         | TrueAlert Class "A" Adapter Module                                            |
| 450-323                                                                                                                                                                            | 450-323            | 579-332                  | NA                       | 4100-5128         | Battery Distribution Termination Module                                       |
| 742-351                                                                                                                                                                            | 566-084            | 574-910                  | NA                       | NA                | Power Distribution Interface (PDI)                                            |
| * Discontinued Sales PID. Order via the Available Replacement Service Part numbers.<br>An "8" prefix on Replacement Service Part numbers indicates a repaired assembly / PC Board. |                    |                          |                          |                   |                                                                               |

| Transformers             |                                                                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Replacement Service Part | Description                                                                                                                       |
| 478-352                  | 120VAC Transformer – (SPS, XPS, RPS, TPS, 100 Watt Amp)                                                                           |
| 478-353                  | 220VAC Transformer – (SPS, XPS, RPS, TPS, 100 Watt Amp)                                                                           |
| 478-369                  | 25V Transformer for 100 Watt Amplifier (4100-1214, -1216, -1218, -1220, -1222, -1224, -1228, -1230, -1232, -1234, -1236, & -1238) |
| 478-370                  | 70V Transformer for 100 Watt Amplifier (replaces 478-363)                                                                         |

## 4100ES Service Parts List

| Batteries                |                   |                                                  |
|--------------------------|-------------------|--------------------------------------------------|
| Replacement Service Part | Sales Feature PID | Description                                      |
| 2081-9272                | 2081-9272         | Battery (6.2 Ah)                                 |
| 2081-9274                | 2081-9274         | Battery (10 Ah)                                  |
| 2081-9275                | 2081-9275         | Battery (18.8 Ah)                                |
| 2081-9276                | 2081-9276         | Battery (33 Ah)                                  |
| 2081-9279                | 2081-9279         | Battery (110 Ah)                                 |
| 2081-9287                | 2081-9287         | Battery (25 Ah)                                  |
| 2081-9288                | 2081-9288         | Battery (12.7 Ah)                                |
| 2081-9296                | 2081-9296         | Battery (50 Ah)                                  |
| 112-125                  | NA                | Battery (190 mAh) 3.0v Lithium (CPU RAM Battery) |
| 2081-9272                | 2081-9272         | Battery (6.2 Ah)                                 |
| 2081-9274                | 2081-9274         | Battery (10 Ah)                                  |
| 2081-9275                | 2081-9275         | Battery (18.8 Ah)                                |

| Resistors & EOL Resistor Harnesses   |                    |                   |                                            |
|--------------------------------------|--------------------|-------------------|--------------------------------------------|
| Replacement Service Part             | For Reference Only |                   | Description                                |
|                                      | Harness            | Sales Feature PID |                                            |
| Active Circuit End-of-Line Resistors |                    |                   |                                            |
| 4081-9001                            | 733-892            | 4081-9001         | EOL Harness 2.2K ½W 5%                     |
| 4081-9002                            | 733-893            | 4081-9002         | EOL Harness 3.3K 1W 5%                     |
| 4081-9003                            | 733-896            | 4081-9003         | EOL Harness 4.7K ½W 5%                     |
| 4081-9004                            | 733-886            | 4081-9004         | EOL Harness 6.8K ½W 5%                     |
| 4081-9005                            | 733-984            | 4081-9005         | EOL Harness 1.8K ½W 5%                     |
| 4081-9006                            | 733-890            | 4081-9006         | EOL Harness 560 OHM 1W 5%                  |
| 4081-9007                            | 733-891            | 4081-9007         | EOL Harness 1.2K 1W 5%                     |
| 4081-9008                            | 733-894            | 4081-9008         | EOL Harness 10K ½W 5%                      |
| 4081-9009                            | 733-912            | 4081-9009         | EOL Harness 20 OHM 1W 5%                   |
| 4081-9010                            | 733-973            | 4081-9010         | EOL Harness 1K 1W 5%                       |
| 4081-9011                            | 733-974            | 4081-9011         | EOL Harness 100 OHM ½W 5%                  |
| 4081-9012                            | 733-985            | 4081-9012         | EOL Harness 22K ½W 5%                      |
| 4081-9013                            | 734-086            | 4081-9013         | EOL Harness 4.9K ½W 1%                     |
| 4081-9018                            | 734-168            | 4081-9018         | EOL Harness 10K 1W 5% (for 70V RMS CSNACs) |
| Unused Circuit End-of-Line Resistors |                    |                   |                                            |
| 378-017                              | NA                 | NA                | 3.3K OHM 1W 5%                             |
| 378-030                              |                    |                   | 10K OHM ½W 5%                              |
| 378-038                              |                    |                   | 2.2K OHM ½W 5%                             |
| 378-045                              |                    |                   | 4.7K OHM ½W 5%                             |
| 378-058                              |                    |                   | 6.8K OHM ½W 5%                             |
| 378-073                              |                    |                   | 22K OHM ½W 5%                              |
| 378-090                              |                    |                   | 8.2K OHM ½W 5%                             |



## 4100ES Service Parts List

| Resistors & EOL Resistor Harnesses (Continued) |                    |                   |                          |
|------------------------------------------------|--------------------|-------------------|--------------------------|
| Replacement Service Part                       | For Reference Only |                   | Description              |
|                                                | Harness            | Sales Feature PID |                          |
| Miscellaneous Resistors                        |                    |                   |                          |
| 378-022                                        | NA                 | NA                | 100K OHM                 |
| 378-069                                        |                    |                   | 12K OHM                  |
| 378-093                                        |                    |                   | 1K OHM                   |
| 382-110                                        |                    |                   | 20 OHM (for Graphic I/O) |

| Harness Assemblies       |                                                                                  |
|--------------------------|----------------------------------------------------------------------------------|
| Replacement Service Part | Description                                                                      |
| 166-226                  | Harness, Ribbon – LED/Switch Display Card 2" (51 mm)                             |
| 166-227                  | Harness, Ribbon – LED/Switch Display Card 6" (152 mm)                            |
| 166-271                  | Harness, Ribbon – LED/Switch Display Card 14.5"                                  |
| 166-568                  | Amplifier NAC Expansion 20 Position Header Connector                             |
| 733-525                  | Harness, Legacy Pwr/Comm Bay to Bay                                              |
| 733-532                  | Harness, 11 ft. (3.35 m) 2-wire 10 Ga. (Red/Black) Battery Block Interconnection |
| 733-542                  | Harness, Legacy Pwr/Comm Box to Box 74" (1880 mm)                                |
| 733-579                  | Harness, Interconnect for 4190-9012 Slave Fiber Optic Audio Modem                |
| 733-621                  | Harness, Legacy 4100 battery block to battery                                    |
| 733-677                  | Harness, MAPNET Isolator Module                                                  |
| 733-734                  | Harness, Panel Printer Signal Power                                              |
| 733-808                  | Harness, Ribbon – Harness for Modem Modules                                      |
| 733-929                  | Harness, Legacy 4100 for SDACT Pwr/Comm                                          |
| 733-940                  | Harness, 8-Volt Power/Comm – for 4100-0156 8-Volt Converter                      |
| 733-952                  | Harness, Ribbon – City/Relay Module to SPS                                       |
| 733-953                  | Harness, DFSM to Audio Controller                                                |
| 733-996                  | Harness, SPS to 4100ES CPU Motherboard                                           |
| 733-997                  | Harness, Ribbon – Audio Riser to Transponder Interface Card                      |
| 733-998                  | Harness, XPS PCA to PDI                                                          |
| 734-005                  | Harness, Flex Amplifier PCA to PDI                                               |
| 734-008                  | Harness, PDI Power/Comm Bay to Bay, 24" (610 mm)                                 |
| 734-012                  | Harness, SPS/RPS/XPS/TPS to PDM AC/Battery 120V                                  |
| 734-013                  | Harness, SPS/RPS/XPS/TPS to PDM AC/Battery 220V                                  |
| 734-015                  | Harness, PDM to battery 24" (610 mm) (used with back plane mounted PDM)          |
| 734-023                  | Harness, 4081 Battery w/o Fuse                                                   |
| 734-026                  | Harness, Ribbon – 4100ES CPU to Front Display Service port                       |
| 734-033                  | Harness, Ribbon – 4100ES CPU to 2X40 Operator Interface                          |
| 734-036                  | Harness, 64/64 Controller to Expansion 64/64 Controller Pwr/Comm (4 inch)        |
| 734-040                  | Harness, 100W Amp – PDI Backplane to Amp PCA                                     |
| 734-042                  | Harness, Master Microphone/Local Spkr to Audio Controller                        |
| 734-048                  | Harness, Ribbon – Audio Input Option Board to Audio Controller                   |
| 734-049                  | Harness, SPS/RPS/XPS/TPS AC pwr – for 4100 legacy box installation               |



## 4100ES Service Parts List

| Harness Assemblies (Continued) |                                                                                                      |
|--------------------------------|------------------------------------------------------------------------------------------------------|
| Replacement Service Part       | Description                                                                                          |
| 734-050                        | Harness, SPS/RPS/XPS/TPS Battery – for 4100 legacy box installation                                  |
| 734-051                        | Harness, SPS/RPS/TPS PCA to PDI                                                                      |
| 734-052                        | Harness, Audio Bay to Bay                                                                            |
| 734-053                        | Harness, Tamper Switch to IAM                                                                        |
| 734-055                        | Harness, Master Phone P2 to Expansion Phone Card P3                                                  |
| 734-056                        | Harness, Panel Mounted Printer RS232                                                                 |
| 734-057                        | Harness, Panel Mounted Printer Power                                                                 |
| 734-071                        | Harness, MAPNET Power Jumper P3 to P4                                                                |
| 734-072                        | Harness, PDM to battery 40" (1016 mm) (used with side wall mounted PDM and Rack Mount Kit 4100-2144) |
| 734-073                        | Harness, Redundant CPU Power/Comm                                                                    |
| 734-074                        | Harness, Redundant CPU Backup                                                                        |
| 734-075                        | Harness, Power/Comm Box to Box (4100-0636)                                                           |
| 734-076                        | Harness, Audio Box to Box (4100-0637)                                                                |
| 734-078                        | Harness, 4100ES TIC to Legacy Pwr/Comm                                                               |
| 734-081                        | Harness, Pwr/Comm 4020 Upgrade Kit                                                                   |
| 734-082                        | Harness, 4081 Battery with Fuse                                                                      |
| 734-083                        | Harness, 4081 Communication to 4100ES PDI                                                            |
| 734-084                        | Harness, Legacy to PDI Pwr/Comm Bay to Bay                                                           |
| 734-085                        | Harness, Ribbon – 4100 Legacy Upgrade CPU to 2X40 Operator Interface                                 |
| 734-087                        | Harness, Legacy to PDI Pwr/Comm Box to Box                                                           |
| 734-088                        | Harness, PDI Pwr/Comm Remote Command Center 35" (889 mm)                                             |
| 734-091                        | Harness, PDM Varistor                                                                                |
| 734-095                        | Harness, Additional 24V for Legacy Modules (4100-0638)                                               |
| 734-102                        | Harness, NPU/4100ES Microphone/Local Speaker                                                         |
| 734-114                        | Harness, Channel 1 only – for 4190-9011 Master Fiber Optic Audio Modem                               |
| 734-115                        | Harness, Channel 2 only – for 4190-9011 Master Fiber Optic Audio Modem                               |
| 734-165                        | Harness, TFX Interface to TLT-530 Network Module                                                     |
| 734-180                        | Harness, Synch TFX Addressable Loop Interface                                                        |
| 734-183                        | Digital Audio Riser Termination Plug                                                                 |
| 734-211                        | Harness, TCP/IP Physical Bridge                                                                      |
| 746-180                        | 3' Ethernet Cable (CPU to Front Panel Service Port)                                                  |
| 746-186                        | 5' Ethernet Cable (BNIC ports C and D)                                                               |

## 4100ES Service Parts List

| Motherboards, Miscellaneous Modules, Accessories & Hardware |                   |                                                                              |
|-------------------------------------------------------------|-------------------|------------------------------------------------------------------------------|
| Replacement Service Part                                    | Sales Feature PID | Description                                                                  |
| <b>Motherboards</b>                                         |                   |                                                                              |
| 562-727                                                     | NA                | Motherboard, 32 points (w/o Suppression)                                     |
| 562-799                                                     | NA                | Motherboard, Style B (w/Suppression)                                         |
| 562-856                                                     | NA                | Motherboard, Style B (w/o Suppression)                                       |
| 562-858                                                     | NA                | Motherboard, 32 points (w/Suppression)                                       |
| 562-952                                                     | NA                | Motherboard, 10 Amp Aux Relay Legacy                                         |
| 565-233                                                     | NA                | Remote Interface Card (RICII) Legacy                                         |
| 565-274                                                     | NA                | Universal Master Motherboard (UT, 4100+) – for use in 4100ES Upgrade systems |
| 565-275                                                     | NA                | Motherboard, Network Card                                                    |
| <b>Miscellaneous Modules</b>                                |                   |                                                                              |
| 2080-9031                                                   | 2080-9031         | PROGRAMMER CABLE FOR 2080-9028                                               |
| 374-123                                                     | NA                | Power Rectifier – (SPS, XPS, RPS, TPS, 100 Watt Amp)                         |
| <b>Accessories</b>                                          |                   |                                                                              |
| 2080-9047                                                   | 2080-9047         | DACT Communication Cable (14 ft. [4.27 m]), Harness 733-913                  |
| 155-010                                                     | 4100-5129         | Ferrite Bead Kit – contains 3 Ferrite Beads (CE Compliance)                  |
| 4190-9803                                                   | 4190-9803         | Replacement Paper for 4100-1293 Panel-Mounted Printer                        |
| 4100-9837                                                   | 4100-9837         | Canadian ‘Power On’ Indicator Kit                                            |
| 155-010                                                     | NA                | Ferrite Bead (Quantity = 1)                                                  |
| <b>Hardware</b>                                             |                   |                                                                              |
| 184-038                                                     | NA                | Battery Block Diode (used with the 450-323 Battery Distribution Block)       |
| 202-055                                                     | NA                | Nylon Standoff (for 4100-6031, -6032, -6033)                                 |
| 202-060                                                     | NA                | Nylon Standoff (for 4100-6030)                                               |
| 202-084                                                     | NA                | Spacer 6x1/2 (for 4100-6031, -6032, -6033)                                   |
| 202-090                                                     | NA                | PDI Standoff (for 4100 Legacy Motherboards, Fiber Optic Modems)              |
| 202-091                                                     | NA                | Nylon Standoff (for 4100 Legacy Motherboards, mounts to card socket screws)  |
| 252-019                                                     | NA                | “B” Key                                                                      |
| 266-072                                                     | NA                | Retaining Clip for Cam Lock                                                  |
| 268-009                                                     | NA                | Lock Washer (for mounting 4100ES and 4100 Legacy modules)                    |
| 294-030                                                     | NA                | Rubber Bumper – Door                                                         |
| NA                                                          | NA                | Hex Nut # 6                                                                  |
| NA                                                          | NA                | Speed Nut # 6 (for Blank Filler Plate)                                       |
| NA                                                          | NA                | Screw # 6 Torx 5/16” (8 mm) (Mounting screw for 4100 Legacy modules)         |
| NA                                                          | NA                | Screw # 6 Torx 7/8” (22 mm) (Mounting screw for 4100-6031, -6032, -6033)     |
| NA                                                          | NA                | Flathead Screw for Back Box Hinge                                            |
| 450-457                                                     | NA                | Plug Connector (5 positions) for 565-413 Media Board                         |
| 524-247                                                     | NA                | PDI Stand Off (for 4100ES Modules)                                           |
| 524-253*                                                    | NA                | Ground Post (for 4100-6030)                                                  |
| 524-257*                                                    | NA                | Mounting Post for 4100-1311 Digital Audio Controller                         |
| 524-275*                                                    | NA                | Mounting Post for Legacy Relay Cards                                         |
| 524-289                                                     | NA                | Mounting Post for NAC Adapters                                               |
| 635-694                                                     | NA                | Restriction Wire                                                             |
| * Discontinued Replacement Service Part.                    |                   |                                                                              |

## 4100ES Service Parts List

| <b>Fuses</b>                                    |                                                                             |
|-------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Replacement Service Part</b>                 | <b>Description</b>                                                          |
| 208-002                                         | 1 Amp 120 Volt, Legacy Monitor Card                                         |
| 208-004                                         | 5 Amp, Legacy Power Supply F1 and F2                                        |
| 208-050                                         | 15 Amp, 4100ES Battery Harness                                              |
| 208-023                                         | 2 Amp, Legacy Signal Card and Power Supply                                  |
| 208-048                                         | 2 Amp, MAPNET II Devices                                                    |
| 208-053                                         | 15 Amp, Legacy 10 Amp Relay Card, Enhanced (110 Ah) Battery Charger, and AC |
| 208-094                                         | 20 Amp, Legacy Battery Fuse                                                 |
| 208121                                          | 8 Amp, Legacy Expansion (50 Ah) Battery Charger                             |
| 208-132                                         | 3 Amp, Legacy CPU Motherboard,                                              |
| 208-134                                         | 0.4 Amp, Legacy Internal Serial Communication Bus                           |
| 208-136                                         | 5 Amp, Legacy Expansion Power Supply (w/leads [UL])                         |
| 208-140                                         | 5 Amp 220 Volt, Legacy 8 pt Relay Card                                      |
| 208-142                                         | 12 Amp, Legacy Power Supply (8 Amp) for 100 Watt Amplifier                  |
| 208-154                                         | 20 Amp, Legacy 110 Ah Charger Cabinet                                       |
| 208-156                                         | 30 Amp, Legacy 733-621 Battery Harness                                      |
| 208-163                                         | 3 Amp 250 Volt Fast .177 X .57                                              |
| 208-185                                         | 5 Amp 125VAC, Fast Acting GLS, 4100ES 8Pt/3 Amp Relay Card                  |
| 208-186                                         | 3 Amp, 4100ES 4Pt/2 Amp Relay Card                                          |
| 208-189                                         | 2.5 Amp 250 Volt, Fast .177 X .57"                                          |
| 208-190                                         | 2.5 Amp, Subminiature Fuse                                                  |
| <b>* Discontinued Replacement Service Part.</b> |                                                                             |

## 4100ES Service Parts List

| Labels                                          |                   |                                                                          |
|-------------------------------------------------|-------------------|--------------------------------------------------------------------------|
| Replacement Service Part                        | Sales Feature PID | Description                                                              |
| 4100-1294                                       | 4100-1249         | LED / Switch Slide in Label Kit                                          |
| 619-293                                         | 4100-9835         | 4100ES Circuit Termination Labels (2 sheets) (742-852)                   |
| 4100-6029                                       | 4100-6029         | Aftermarket Energy Management Application Guide UUKL                     |
| 526-873                                         | NA                | Slide-In Label for 4100-1280, -1281, -1282, -1283, -1284                 |
| 619-208                                         |                   | Slide-In Label for 4100-1252 (1-Channel Audio Operator Interface Module) |
| 4100-9856                                       | 4100-9856         | Canadian - French Applique Kit for 4100ES                                |
| 4100-9857                                       | 4100-9857         | 4100ES Applique Retrofit Kit (for Legacy)                                |
| 4100-9858                                       | 4100-9858         | 4100ES Appliqué Kit – Remote Unit Interface W/FUI                        |
| 4100-9859                                       | 4100-9859         | 4100ES Appliqué Kit – Remote Unit Interface W/FUI, Can – French          |
| <b>* Discontinued Replacement Service Part.</b> |                   |                                                                          |

| Service Equipment        |                   |                                                                                               |
|--------------------------|-------------------|-----------------------------------------------------------------------------------------------|
| Replacement Service Part | Sales Feature PID | Description                                                                                   |
| 4100-9851                | 4100-9851         | Wireless WalkTest Kit                                                                         |
| 734-212                  | NA                | Wireless WalkTest Cable (replacement Motorola 2-way radio interface cable assembly)           |
| TrueStart                | TrueStart         | TrueStart Installation & Service Instrument (refer to manual for detailed service parts list) |
| 733-571                  | NA                | 25 Pin (DB25) to Flying Lead Cable                                                            |
| 617-836                  | NA                | 6 Foot DB9 to DB25 Adaptor                                                                    |
| 4190-9816                | 4190-9816         | Service Gateway Software Kit (Includes Software and Customer Dongle)                          |
| 741-776                  | NA                | Customer USB Dongle for Service Gateway Software                                              |
| 741-727                  | NA                | TR USB Dongle                                                                                 |

## 4100ES Service Parts List

| Software                                                                                   |                                                                   |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Replacement Service Part                                                                   | Description                                                       |
| *741-805                                                                                   | ES Programmer Software CD                                         |
| *741-806                                                                                   | Service Gateway Software CD                                       |
| **                                                                                         | Network Programming Software                                      |
|                                                                                            | Transponder Interface Card (TIC) Software (TIC.bin)               |
|                                                                                            | System Power Supply (SPS) Software w/SPS IDNet Software (SPS.bin) |
|                                                                                            | Expansion Power Supply (XPS) Software (XPS.bin)                   |
|                                                                                            | Remote Power Supply (RPS) Software (RPS.bin)                      |
|                                                                                            | IDNET Software for individual 4X5 IDNet cards only (IDNET.bin)    |
|                                                                                            | TrueAlert Power Supply (TPS) Software (TPS.bin)                   |
|                                                                                            | External Battery Charger (XBC.bin)                                |
|                                                                                            | Analog Audio Controller Software (AUDANA.bin)                     |
|                                                                                            | Digital Audio Controller Software (AUDDIG.bin)                    |
|                                                                                            | Audio Amplifier (AMP.bin)                                         |
|                                                                                            | Phone Software (PHONE.bin)                                        |
|                                                                                            | Local Mode Transponder Interface Card (LMC.bin)                   |
|                                                                                            | XA Loop Interface Card Software (XALIC.bin)                       |
|                                                                                            | Expansion Signal Card (XSIG.bin)                                  |
|                                                                                            | MAPNET/IDNet Quad Isolator Software (MAPISO.mot)                  |
|                                                                                            | ES Master Controller Software (ES.bin)                            |
|                                                                                            | ES CPU Bootloader Software (CPUBoot.bin)                          |
|                                                                                            | Flexible User Interface Software (FUI.bin)                        |
|                                                                                            | Flexible User Interface Bootloader Software (FUIBoot.bin)         |
|                                                                                            | Building Network Interface Card Software (BNIC.bin)               |
|                                                                                            | Ethernet Bootloader Software (EBoot.bin)                          |
|                                                                                            | eSlave Operating System Software (EOS.bin)                        |
|                                                                                            | Audio Amplifier 2 Software (AMP2.bin)                             |
|                                                                                            | Digital Audio Controller 2 Software (AUDDIG2.bin)                 |
|                                                                                            | BMUX Card Software (BMUX.bin)                                     |
|                                                                                            | IDNet+ Card Software (IDNETPLUS.bin)                              |
|                                                                                            | TFX Loop Interface Card Software (TFXLoop.bin)                    |
| ***741-754                                                                                 | Slave Bootloader (BOOT)                                           |
| ***742-146                                                                                 | IDNet PIC Software (PIC)                                          |
| ***741-164                                                                                 | TrueAlert Power Supply PCC (for TPS and 4009T) (PCC)              |
| ***740-748                                                                                 | MAPNET Quad Isolator Software -Programmed IC (uses 246-320 EPROM) |
| ***246-320                                                                                 | Blank EPROM 27C64 8K X 8                                          |
| ***741-366                                                                                 | PROM – Fiber Optic Modem FPGA Configuration                       |
| *Available on CD and download from Technical Services INTRANet Web Site, Downloads section |                                                                   |
| **Download Only from Technical Services INTRANet Web Site, Downloads section               |                                                                   |
| ***Available via Order only                                                                |                                                                   |

