Error Codes

Code	Description
20	Pulser Fail
24	Conversion Factor Changed/ Not Programmed
25	Two-Wire/Standalone Mode Changed
26	Meter Not Calibrated
27	Side 1 Two-Wire ID Changed
28	Side 2 Two-Wire ID Changed
29	Pump Time-Out Error
30	VaporVac® Fail Both Sides or Vapor Sense [5]
31	Totals Data Error
32	Pulser Count Error
33	VaporVac Fail One Side or Push-To-Stop Button Activated
35	Configuration Data Error
36	Unit Type Configuration Code Changed
37	PIN Code 1 Changed
38	PIN Code 2 Changed
39	Cash/Credit Option Changed
40	Master Reset Jumper in Place
41	Side Exists Option Changed
44	Pump Handle Up at Power Up
45	Preset Overrun (minor)
46	Preset Overrun (major)

Single-Hose MPD®

Code	Description
4350	Valve Control Option Not Programmed (see CC17)
4351	Valve Leaks - Grade 1
4352	Valve Leaks - Grade 2
4353	Valve Leaks - Grade 3
4355	Valve Leaks - Grade 1 & 2
4356	Valve Leaks - Grade 1 & 3
4358	Valve Leaks - Grade 2 & 3

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MDE-4642
Atlas™ 8800 Programming Quick Reference Card
April 2007

Software Versions

For details on software versions, see MDE-4331 Atlas™ Fuel Systems Installation Manual, MDE-4334 Atlas Startup and Service Manual and MDE-4363 Atlas Fuel Systems Owner's Manual. Power-up and Command Code 8 display the current software version.

PIN Code Entry

Level 1 - Press **F1**, enter 4-digit ID (default 2222), and press **ENTER**.
Level 2 - From Level 1, enter any Level 2 Command Code (10-12), enter 4-digit ID (default 1503), and press **ENTER**.
Level 3 - From Level 2, enter any Level 3 Command Code (13-17), enter 4-digit ID (default 1309), and press **ENTER**.

Press **F1** to exit any command code.
Press **F2** to return to normal operation.

From Level 2

Command Code 10:
System Configuration
Press **ENTER** after making selections.
- Enter 10.
- Enter Function #.
- Enter Configuration #.

Function Code 1 (For non-blenders only):
Unit Type
Self configures default value.
1 = 1 product
2 = 2 product
3 = 3 product

Function Code 2:
Money Decimal Point
1 = xxxxx
2 = xxxx.x
3 = xxx.xx*
4 = xxx.xxx

Function Code 3:
Calculation PPU Decimal Point
(Required in U.S. per Weights & Measures)
1 = xxxx
2 = xxx.x
3 = xx.xx
4 = x.xxx*

** Default*

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Function Code 4:
Displayed PPU Decimal Point
Self configures default value.
1 = xxxx
2 = xxx.x
3 = xx.xx
4 = x.xxx

Function Code 5:
STP Prestart
0 = Off*
1 = On

Function Code 6:
Beeper Option
0 = Off
1 = On*

Function Code 8:
Two-Wire Display Blank Option
0 = Off*
1 = On

Function Code 9:
5 or 6-digit Cash Display
0 = 5 Digit Money*
1 = 6 Digit Money

Function Code 10:
Decimal/Comma Mode
0 = Comma Off*
1 = Comma On

Function Code 11:
Preselect Time-Out
0 = None
1 = 5 seconds
2 = 15 seconds*
3 = 30 seconds
4 = 45 seconds
5 = 60 seconds
6 = 75 seconds
7 = 90 seconds
8 = 120 seconds

Function Code 12:
Pump Time-Out
0 = None*
1 = 5 seconds
2 = 15 seconds
3 = 30 seconds
4 = 45 seconds
5 = 60 seconds
6 = 75 seconds
7 = 90 seconds
8 = 120 seconds

Function Code 13 (Ultra-Hi only)
Slowdown
0 = .070 gallons (.264 liters)
1 = .120 gallons (.454 liters)*
2 = .170 gallons (.643 liters)
3 = .220 gallons (.833 liters)
4 = .270 gallons (1.02 liters)
5 = .320 gallons (1.21 liters)
6 = .370 gallons (1.40 liters)
7 = .420 gallons (1.59 liters)
8 = .470 gallons (1.78 liters)
9 = .520 gallons (1.97 liters)

Function Code 14:
G6 Push to Start
0 = Off*
1 = On

** Default*

Function Code 15:
Zero PPU Pricing Option Enable
0 = Disabled*
1 = Enabled

Function Code 16:
Beeper Time-out
0 = Off*
1 = 5 seconds
2 = 15 seconds
3 = 30 seconds
4 = 45 seconds
5 = 60 seconds
6 = 75 seconds
7 = 90 seconds
8 = 120 seconds
9 = 240 seconds

Function Code 17:
Push to Stop Control
0 = Stop controls one side*
1 = Stop controls two sides

Function Code 18:
Zero Previous Transaction After Pump Handle Operation
0 = Zero after lamp test*
1 = Zero before lamp test †

Function Code 20:
Programmable Pump Preset Value
0 = Value X 1 (enter fractions)
1 = Value X 10 (enter whole units)

Function Code 21:
PPU Blinking Option
0 = No PPU blinking*
1 = PPU Blinking

Function Code 22:
Volume Decimal Point
0 = XXX.XXX*
1 = XXXX.XX (export only)

Function Code 24:
Hose Pressurization
0 = Off*
1 = 2 Hr.
2 = 1/2 Hr.
Note: Not available in U.S. gallons configuration.

Command Code 12:
Pump Program
- Enter 12
- Enter Side #
  1 = Side 1
  2 = Side 2
- Enter Function Code (1-4)
- Enter Configuration Code

Function Code 1:
Two-Wire Pump ID
1-16 = (7* for Side 1; 11* for Side 2)

Function Code 2:
Cash/Credit at Pump
0 = No [Card Reader in Dispenser (CRIND®)]*
1 = Yes (console cash/credit price levels)

Function Code 3:
Side Exists
0 = Does not exist
1 = Exists*

** Default*
† Must be programmed to '1' in New Jersey.

Function Code 4:
PPU Options
0 = Level 1 price bar displays level sent by console or CRIND*
1 = Normal
2 = Level 2 price bar, level 1 prices and level 1/level 2 prices
3 = Level 2 price bar displays level sent by console or CRIND

From Level 3

Command Code 13:
Pin Code Change
Press **ENTER** after selections.
- Enter 13
- Enter Level # 1, 2 or 3
- Enter new PIN Code

Unit returns to Command Input Mode.

Command Code 15:
Function Code 1:
Preselect Time-Out
0 - 999 seconds

Function Code 2:
Pump Time Out
0 - 999 seconds

Function Code 3:
Beeper Time Out
0 - 999 seconds

Function Code 4:
Slowdown Valve
0 - 0.999 gallons

Command Code 16:
Blend Ratios
Press **ENTER** after making selections.
- Enter 16
- Enter Side #
  1 = Side 1
  2 = Side 2
  3 = Both Sides
- Enter Grade #
- Enter low blend percentage

Repeat for remaining grades.

Command Code 17
Conversion Factor and Master Reset
Select Function Code.

Function Code 1:
Conversion Factor
Note: ECAL switch must be ON when conversion factor is entered.
0 = No conversion factor*
1 = U.S. Gallons
2 = Imperial Gallons
3 = Liters

Function Code 2:
Master Reset
0 = No Master Reset
1 = Master Reset

Command Code 18:
Pulse Output Configuration
- Enter 18
- Enter Function #
- Enter Configuration #

** Default*

Function Code 1:
Volume Pulse per unit
1. 1 pulse per unit
2. 10 pulses per unit*
3. 50 pulses per unit
4. 100 pulses per unit
5. 1000 pulses per unit

Function Code 2:
Volume Pulse Width
1. 0.5ms
2. 1.0ms
3. 2.0ms
4. 4.0ms*
5. 17.0ms
6. 19.0ms
7. 26.0ms
8. 150.0ms

Function Code 3:
Money Pulse Width
1. 0.5ms
2. 1.0ms
3. 2.0ms
4. 4.0ms*
5. 17.0ms
6. 19.0ms
7. 26.0ms

Function Code 4:
Volume Suppression
1. 0.030*
2. 0.009
3. 0.000

Function Code 5:
Quad Pulse Option
0 = Disabled*
1 = Enabled

Function Code 6:
Authorize After Pump Stop
0 = Disabled*
1 = Enabled

Function Code 7:
PRC Restore Option
0 = Disabled*
1 = Enabled

** Default*