

## Transmission Data

TCC Duty Cycle 0 %  
TCC Slip Speed 0 RPM  
TCC Duty Cycle Open/Short No  
TCC Duty Cycle Short to No  
Latest Shift 0.00 Seconds  
1-2 Shift Time 0.00 Seconds  
2-3 Shift Time 0.00 Seconds  
3-4 Shift Time 0.00 Seconds

Adaptable Shift No

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Adaptable Shift

Select  
Items

DTC

Quick  
Snapshot

None

## Transmission Data

|                  |             |
|------------------|-------------|
| Adaptable Shift  | No          |
| Engine Run Time  | 00:00:00    |
| Ignition Voltage | 12.00 Volts |
| Cruise           | Disabled    |
| A/C Clutch       | Off         |
| 4WD              | Enabled     |
| 4WD Low          | Disabled    |
| Engine Torque    | 2 Ft-lbs    |
| APP Angle        | 0 %         |

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APP Angle

Select  
Items

Init

Cancel  
Snapshot

None

# Main Page for Transmission ...

## Select F1



# TCC Data

TCC Duty Cycle 0 %  
TCC Slip Speed 0 RPM  
TCC Brake Switch Open  
TCC Duty Cycle Open/Short No  
TCC Duty Cycle Short to No  
APP Angle 0 %  
Engine Speed 0 RPM  
Transmission ISS 0 RPM  
Turbine Speed 0 RPM

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TCC Duty Cycle

Select  
Items

ESC

Back  
Control

None

## TCC Data

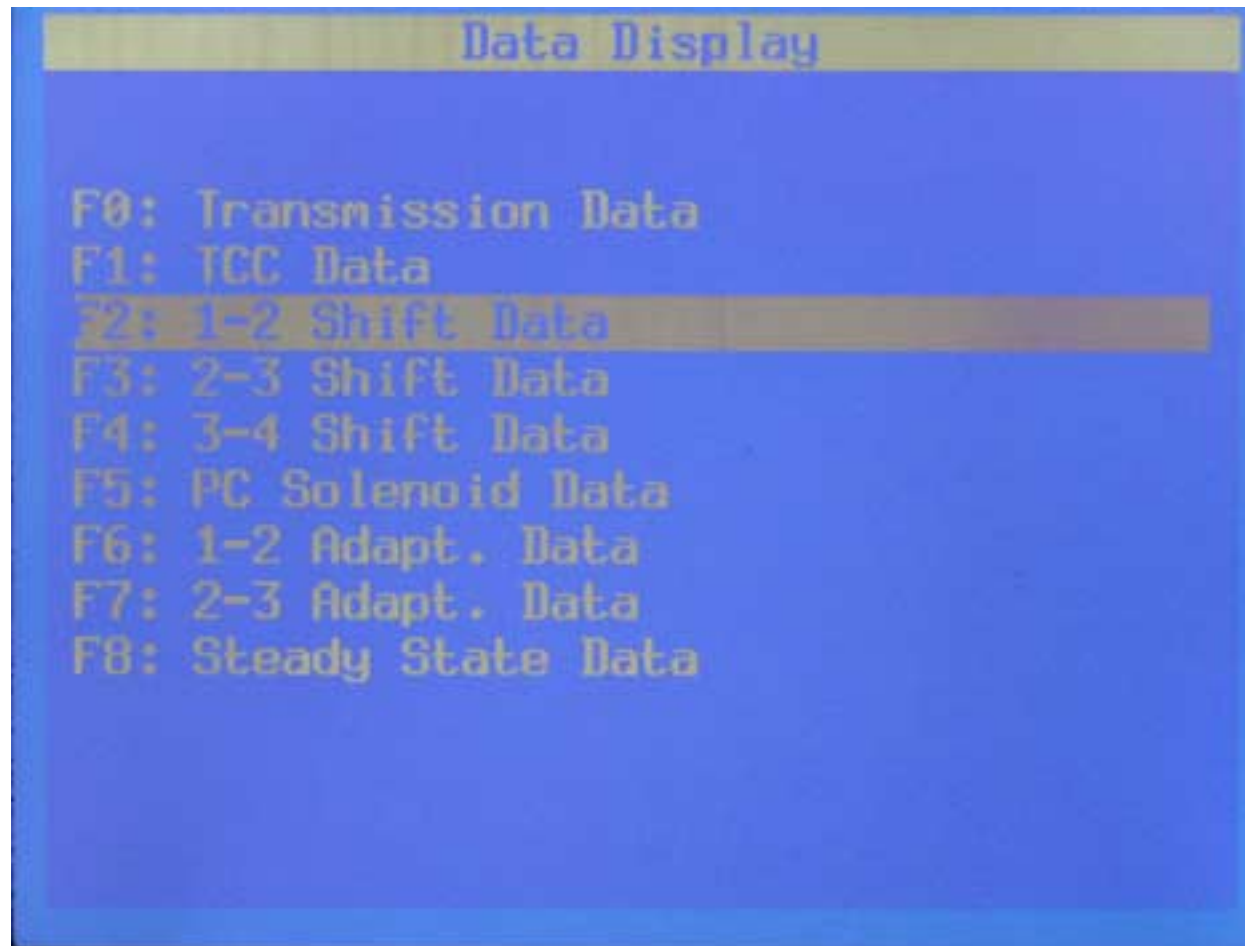
|                    |            |
|--------------------|------------|
| Turbine Speed      | 0 RPM      |
| Transmission OSS   | 0 RPM      |
| Vehicle Speed      | 0 mph      |
| ECT                | 143 °F     |
| Trans. Fluid Temp. | 96 °F      |
| TFT Sensor         | 1.48 Volts |
| TCC Duty Cycle     | 0 %        |
| TCC Slip Speed     | 0 RPM      |
| TCC Brake Switch   | Open       |

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TCC Brake Switch

- Select Items
- DTC
- Quick Snapshot
- More

# Main Trans Screen ... Select F2



1-2 Shift Data

|                         |      |         |
|-------------------------|------|---------|
| 1-2 Sol.                | OFF  |         |
| 2-3 Sol.                | OFF  |         |
| Current Gear            |      | 2       |
| 1-2 Shift Time          | 0.00 | Seconds |
| 1-2 Shift Time Error    | 0.00 | Seconds |
| 1-2 Sol. Open/Short to  | No   |         |
| 1-2 Sol. Short to Volts | No   |         |
| APP Angle               |      | 0 %     |
| Engine Speed            |      | 0 RPM   |
|                         |      | 1 / 15  |

1-2 Sol.

Select  
Items

DTC

Quick  
Snapshot

More

# 1-2 Shift Data

Engine Speed 0 RPH  
Transmission ISS 0 RPH  
Turbine Speed 0 RPH  
Transmission OSS 0 RPH  
Vehicle Speed 0 mph  
Gear Ratio 8.00 : 1  
Speed Ratio 8.00 : 1  
1-2 Sol. OFF  
2-3 Sol. OFF

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2-3 Sol.

Select  
Items

ESC

Display  
Refresh

Home



# Main Trans Screen ... Select F3



## 2-3 Shift Data

1-2 Sol. OFF  
2-3 Sol. OFF  
Current Gear 2  
2-3 Shift Time 0.00 Seconds  
2-3 Shift Time Error 0.00 Seconds  
2-3 Sol. Open/Short to No  
2-3 Sol. Short to Volts No  
APP Angle 0 %  
Engine Speed 0 RPH

---

1 / 15

1-2 Sol.

Select  
Items

DTC

Quick  
Snapshot

More

## 2-3 Shift Data

|                  |          |
|------------------|----------|
| Engine Speed     | 0 RPM    |
| Transmission ISS | 0 RPM    |
| Turbine Speed    | 0 RPM    |
| Transmission OSS | 0 RPM    |
| Vehicle Speed    | 0 mph    |
| Gear Ratio       | 8.00 : 1 |
| Speed Ratio      | 8.00 : 1 |
| 1-2 Sol.         | OFF      |
| 2-3 Sol.         | OFF      |

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2-3 Sol.

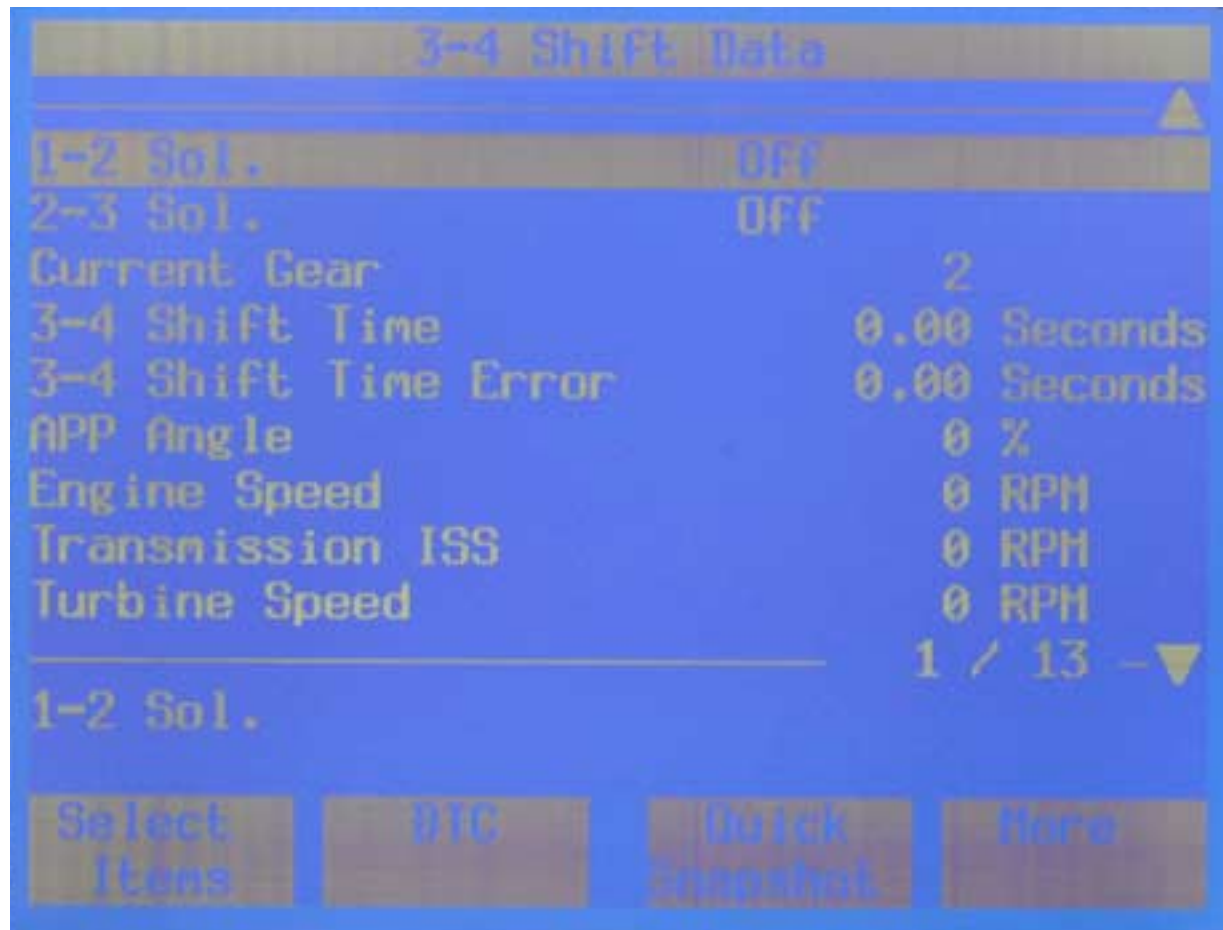
Select  
Items

ESC

Back  
Cancel

More

# Main Trans Screen ... Select F4



## 3-4 Shift Data

|                  |          |
|------------------|----------|
| Engine Speed     | 0 RPH    |
| Transmission ISS | 0 RPH    |
| Turbine Speed    | 0 RPH    |
| Transmission OSS | 0 RPH    |
| Vehicle Speed    | 0 mph    |
| Gear Ratio       | 8.00 : 1 |
| Speed Ratio      | 8.00 : 1 |
| 1-2 Sol.         | OFF      |
| 2-3 Sol.         | OFF      |

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2-3 Sol.

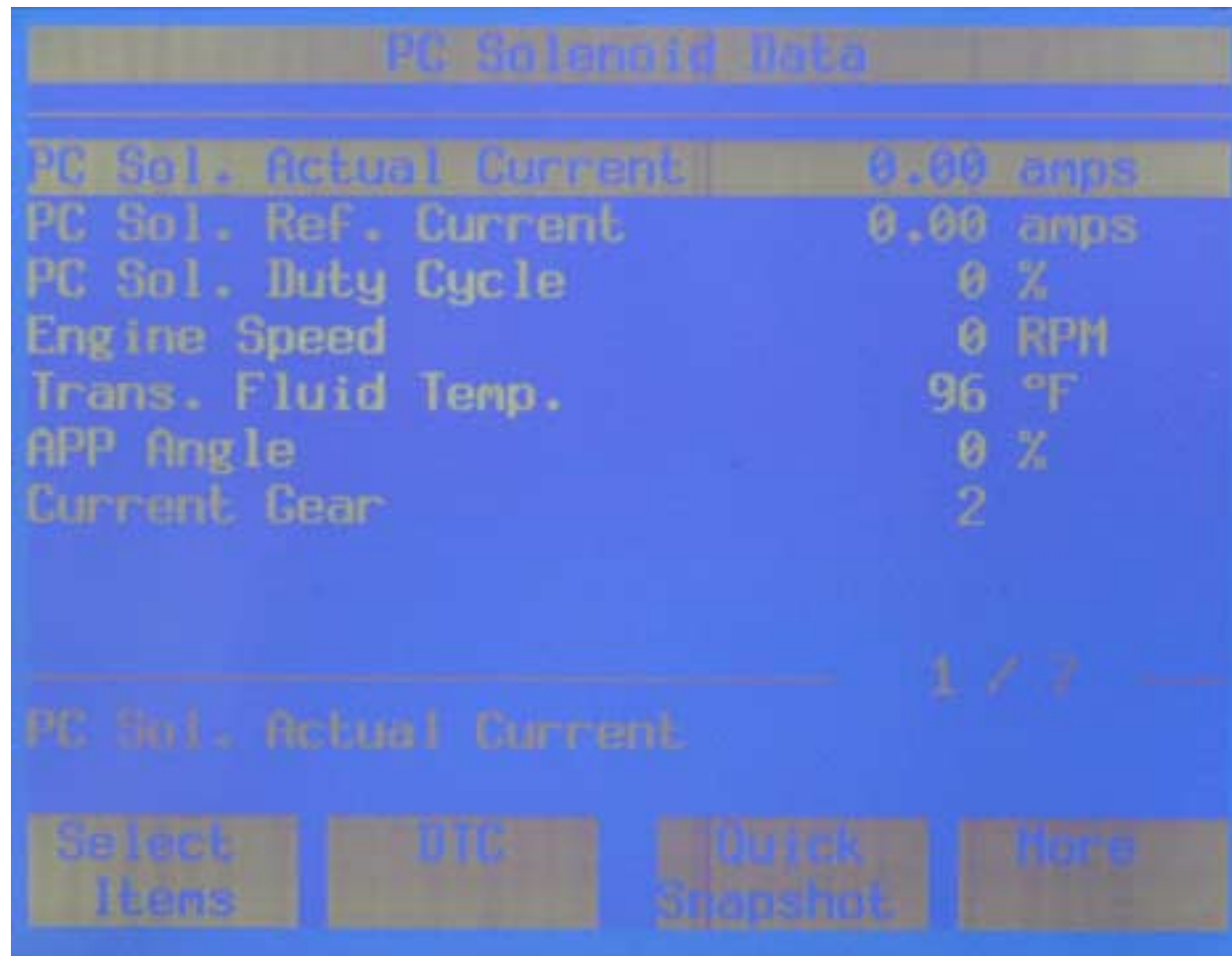
Select  
Items

DTC

Quick  
Snapshot

More

# Main Trans Screen ... Select F5



The screenshot displays a diagnostic screen with a blue background and yellow text. The title is 'PC Solenoid Data'. The data is presented in a list format with values and units. At the bottom, there are four buttons: 'Select Items', 'DTC', 'Quick Snapshot', and 'More'. A page indicator '1 / 7' is visible on the right side of the screen.

| Parameter              | Value | Unit |
|------------------------|-------|------|
| PC Sol. Actual Current | 0.00  | amps |
| PC Sol. Ref. Current   | 0.00  | amps |
| PC Sol. Duty Cycle     | 0     | %    |
| Engine Speed           | 0     | RPM  |
| Trans. Fluid Temp.     | 96    | °F   |
| APP Angle              | 0     | %    |
| Current Gear           | 2     |      |

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Select Items    DTC    Quick Snapshot    More

# Main Trans Screen ... Select F6



# 1-2 Adapt. Data

|                      |      |         |
|----------------------|------|---------|
| 1-2 Shift Time Error | 0.00 | Seconds |
| Current TAP Cell     | 0    |         |
| Current TAP Memory   | -16  |         |
| Maximum TAP          | No   |         |
| Adaptable Shift      | No   |         |
| 1-2 TAP Cell 4       | 0.50 | psi     |
| 1-2 TAP Cell 5       | 2.25 | psi     |
| 1-2 TAP Cell 6       | 4.25 | psi     |
| 1-2 TAP Cell 7       | 3.50 | psi     |

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## 1-2 Shift Time Error

Select  
Items

DTG

Quick  
Insertion

More



1-2 Adapt. Data

|     |     |      |    |      |     |
|-----|-----|------|----|------|-----|
| 1-2 | TAP | Cell | 7  | 3.50 | psi |
| 1-2 | TAP | Cell | 8  | 4.12 | psi |
| 1-2 | TAP | Cell | 9  | 4.87 | psi |
| 1-2 | TAP | Cell | 10 | 4.87 | psi |
| 1-2 | TAP | Cell | 11 | 3.75 | psi |
| 1-2 | TAP | Cell | 12 | 2.50 | psi |
| 1-2 | TAP | Cell | 13 | 3.50 | psi |
| 1-2 | TAP | Cell | 14 | 2.50 | psi |
| 1-2 | TAP | Cell | 15 | 1.50 | psi |

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1-2 TAP Cell 15

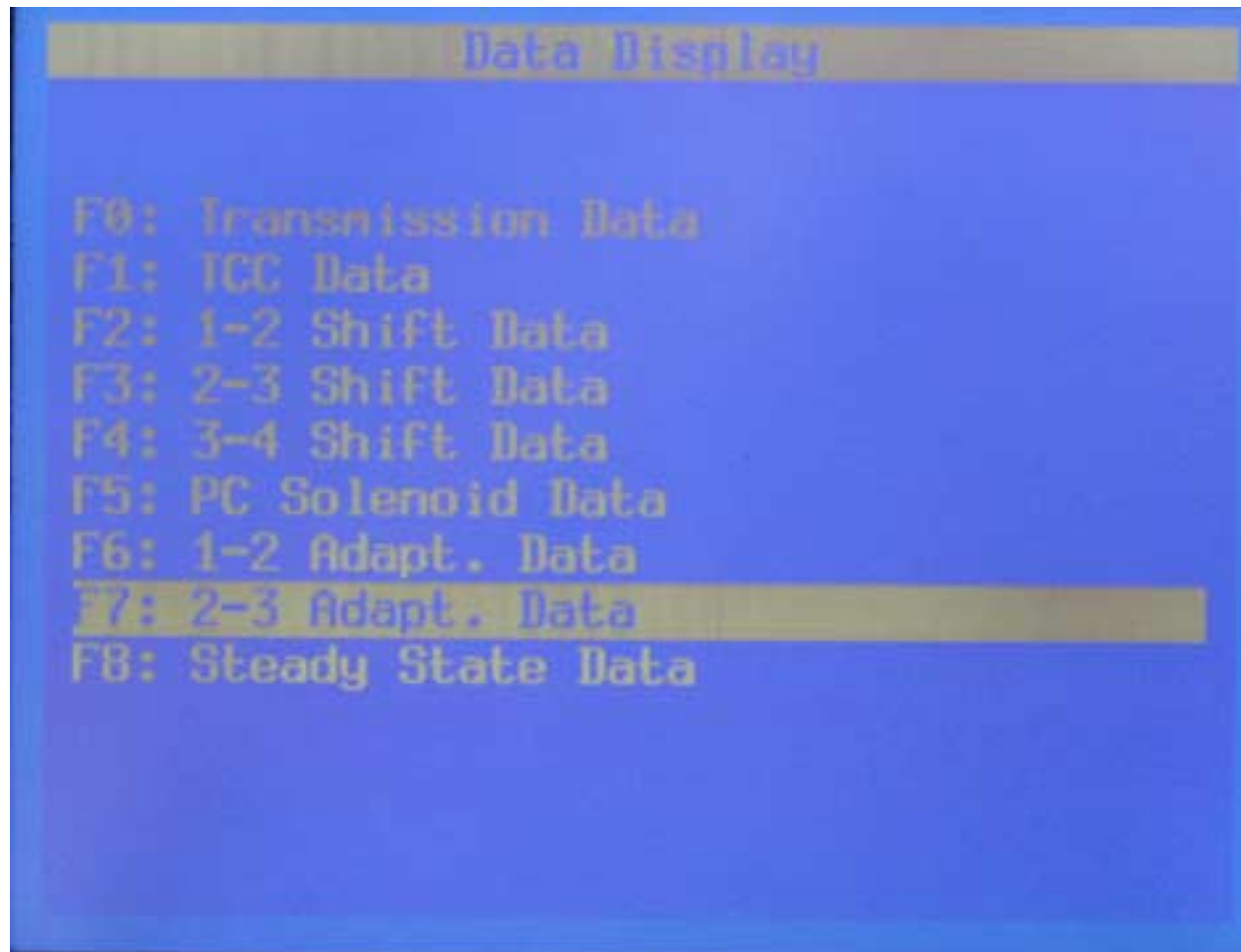
Select  
Items

DIC

Quick  
Snapshot

Here

# Main Trans Screen ... Select F7



## 2-3 Adapt. Data

2-3 Shift Time Error 0.00 Seconds  
Current TAP Cell 0  
Current TAP Memory -16  
Adaptable Shift No  
Maximum TAP No  
2-3 TAP Cell 4 2.25 psi  
2-3 TAP Cell 5 6.12 psi  
2-3 TAP Cell 6 7.37 psi  
2-3 TAP Cell 7 7.25 psi  
1 / 18

2-3 Shift Time Error

Select  
Items

DTC

Quick  
Snapshot

More

## 2-3 Adapt. Data

|     |     |         |       |     |
|-----|-----|---------|-------|-----|
| 2-3 | TAP | Cell 7  | 7.25  | psi |
| 2-3 | TAP | Cell 8  | 3.87  | psi |
| 2-3 | TAP | Cell 9  | 0.87  | psi |
| 2-3 | TAP | Cell 10 | -0.75 | psi |
| 2-3 | TAP | Cell 11 | -0.62 | psi |
| 2-3 | TAP | Cell 12 | 0.87  | psi |
| 2-3 | TAP | Cell 13 | 0.75  | psi |
| 2-3 | TAP | Cell 14 | 0.37  | psi |
| 2-3 | TAP | Cell 15 | 0.12  | psi |

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2-3 TAP Cell 15

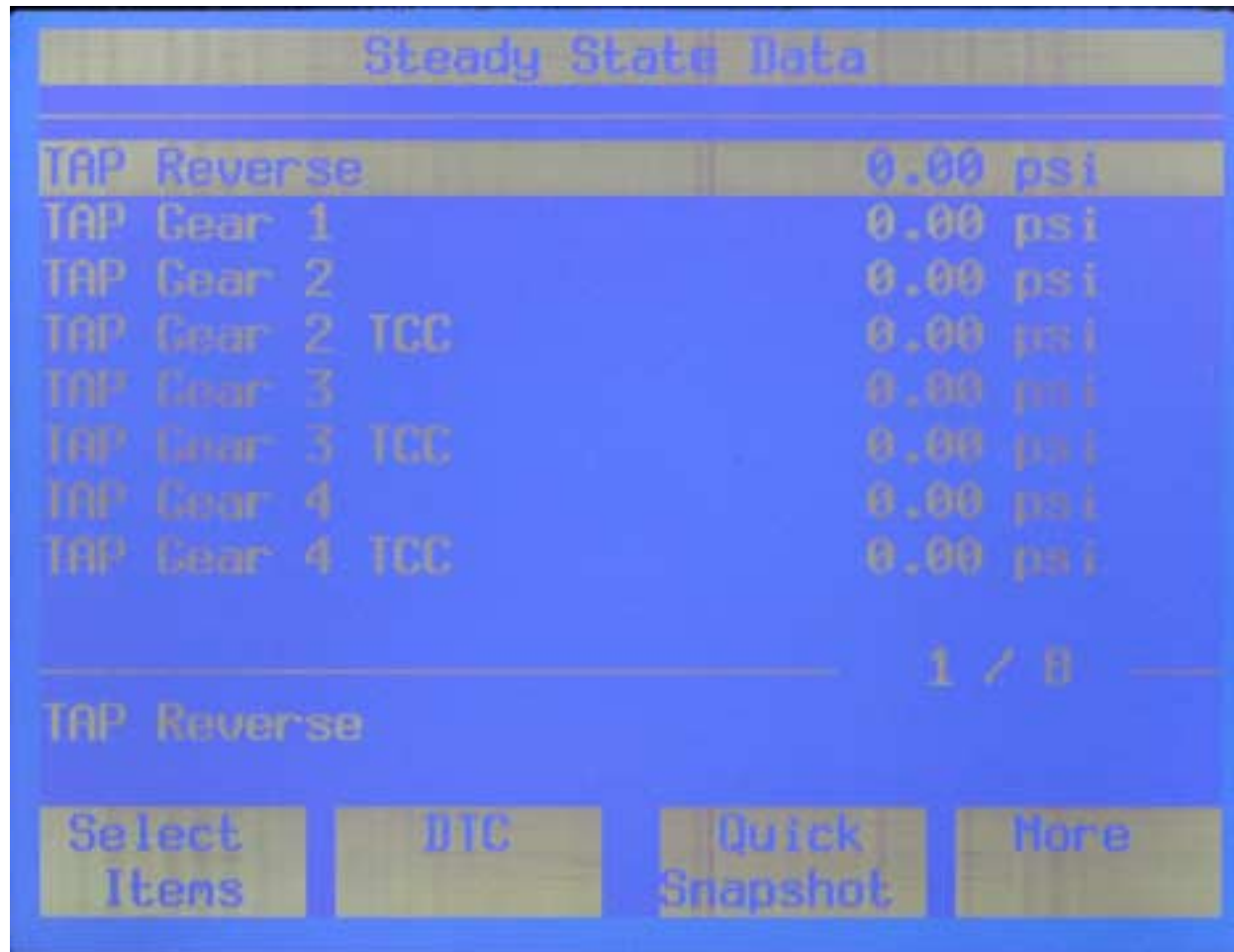
Select  
Items

DTC

Quick  
Snapshot

More

# Main Trans Screen ... Select F8



The screenshot shows a blue screen with white text. At the top, a header bar reads "Steady State Data". Below this, a list of transmission parameters is displayed, each followed by a value of "0.00 psi". The parameters include Reverse, Gear 1, Gear 2, Gear 2 TCC, Gear 3, Gear 3 TCC, Gear 4, and Gear 4 TCC. At the bottom right, a page indicator shows "1 / 8". Below the list, the text "TAP Reverse" is visible. At the very bottom, there are four buttons: "Select Items", "BTC", "Quick Snapshot", and "More".

| Steady State Data |          |
|-------------------|----------|
| TAP Reverse       | 0.00 psi |
| TAP Gear 1        | 0.00 psi |
| TAP Gear 2        | 0.00 psi |
| TAP Gear 2 TCC    | 0.00 psi |
| TAP Gear 3        | 0.00 psi |
| TAP Gear 3 TCC    | 0.00 psi |
| TAP Gear 4        | 0.00 psi |
| TAP Gear 4 TCC    | 0.00 psi |

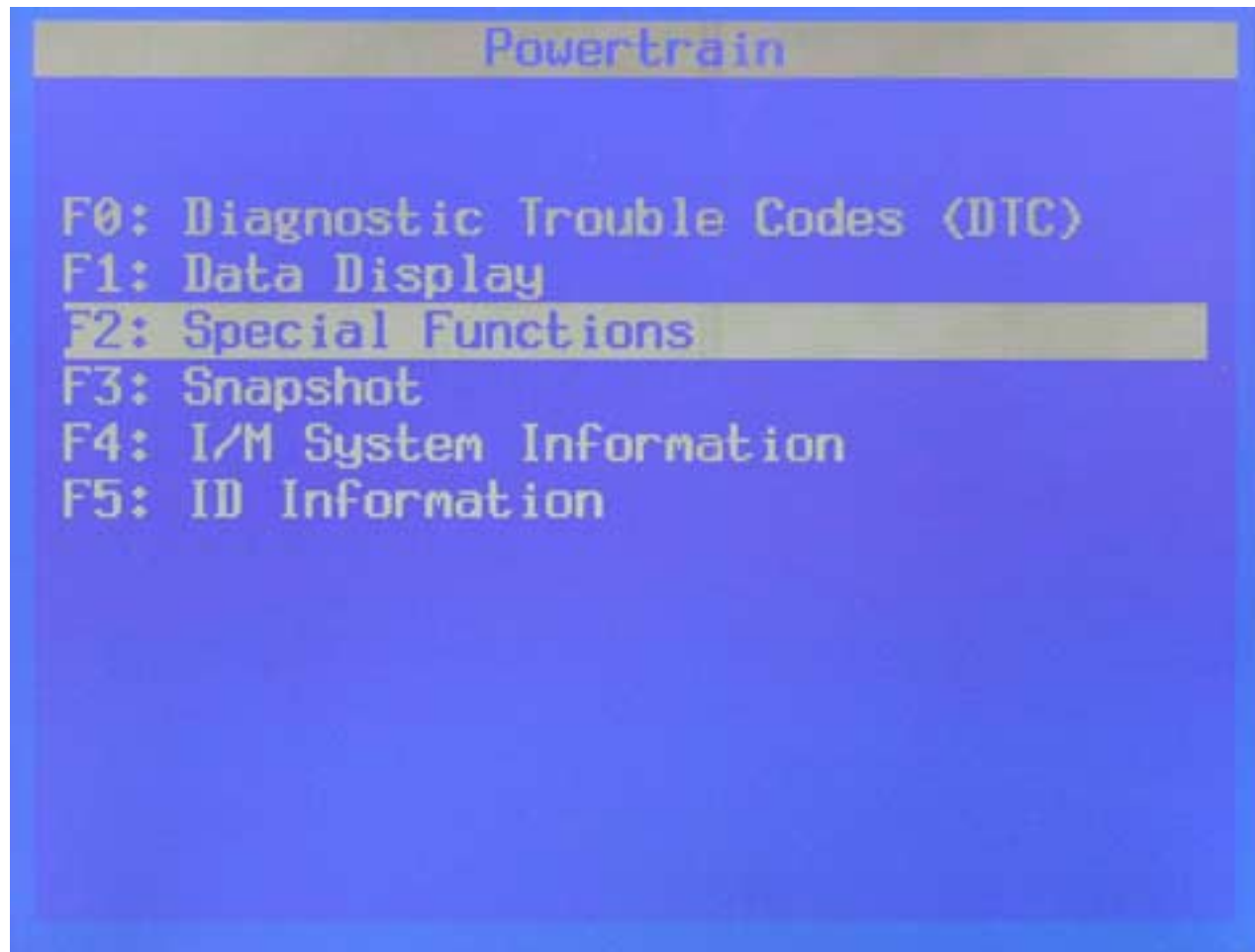
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TAP Reverse

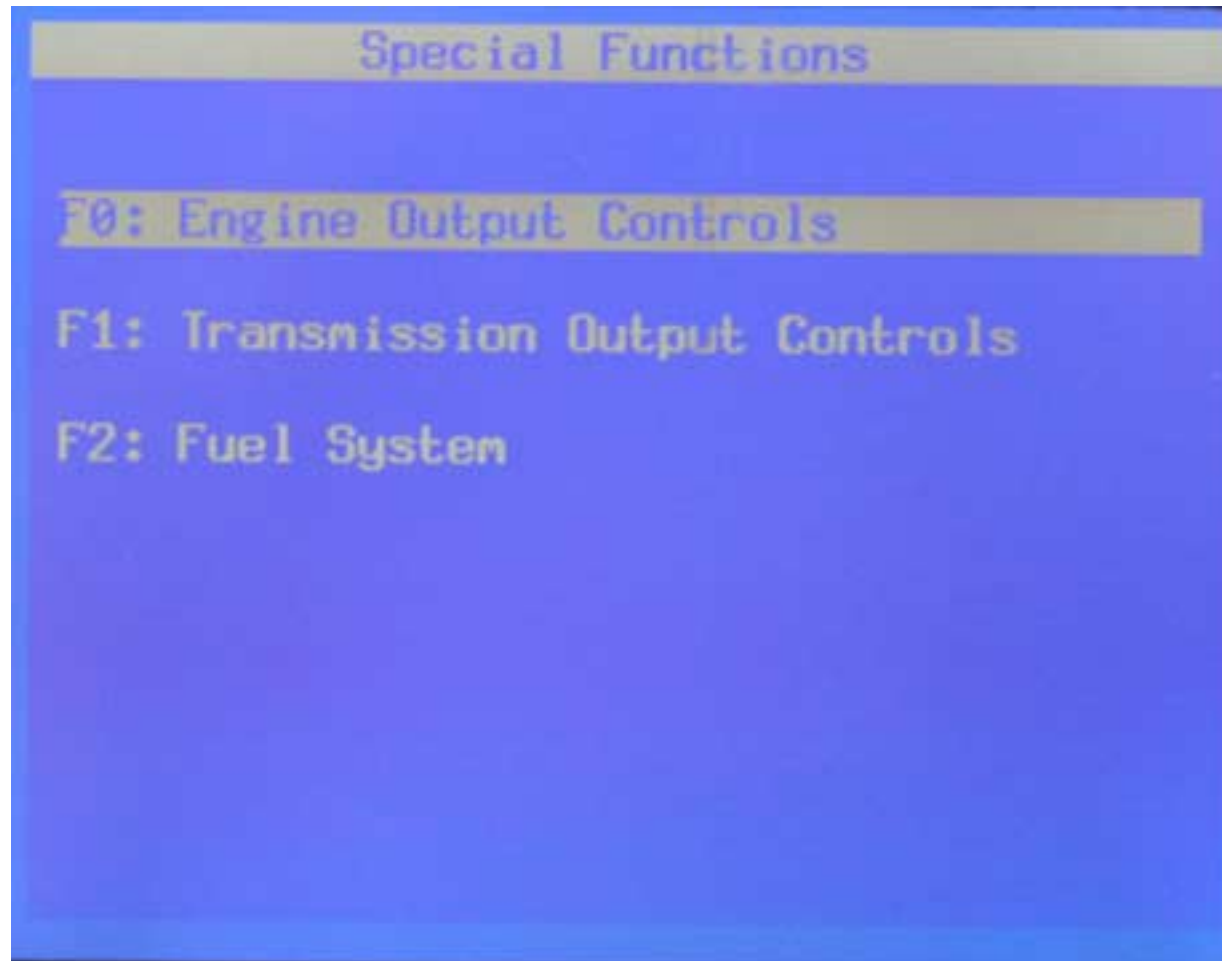
Select Items    BTC    Quick Snapshot    More

# Special Functions

# Main Page Powertrain ... Select F2

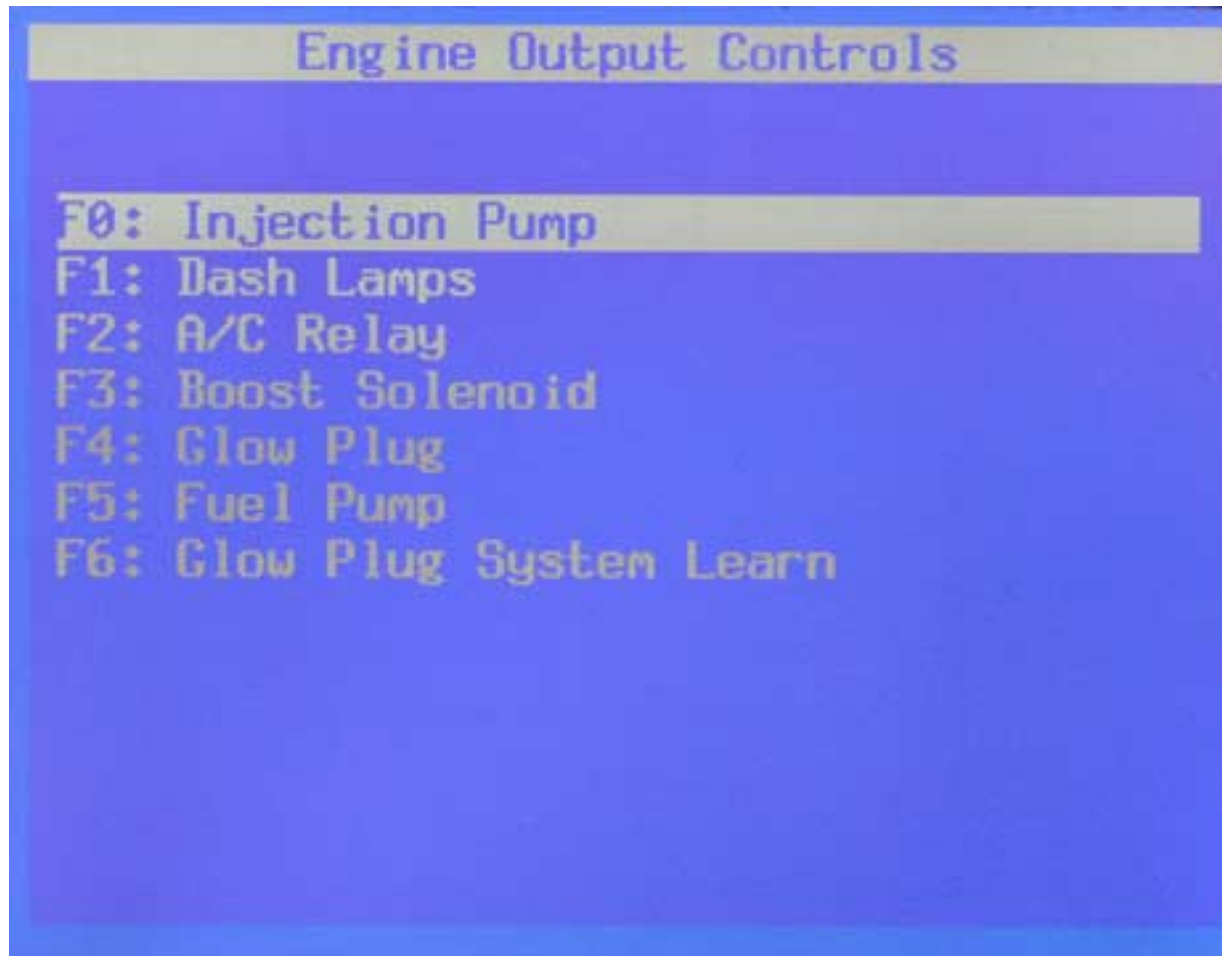


# Select Engine ... F0





# Select F0



## Injection Pump

F0: Time Set

F1: Engine Shut OFF

F2: TDC Learn

# Timing Set Screen

The image shows a 'Timing Set' screen with a blue background and yellow text. At the top, it says 'Time Set'. Below that, 'Commanded State: None' and 'Engine Data 1'. A horizontal line separates the header from the data. The data includes: 'Desired Injection Pump' (13.0 °), 'Actual Inj. Pump Timing' (13.2 °), 'APP Angle' (0 %), 'Accelerator Pedal Pos.1' (0.61 Volts), and 'Accelerator Pedal Pos.2' (4.41 Volts). A progress indicator shows '17 / 54'. Below the data is the label 'Desired Injection Pump Timing'. At the bottom, there are four buttons: 'Quick Snapshot', 'OFF', 'On', and 'More'.

Time Set

Commanded State: None

Engine Data 1

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|                         |            |
|-------------------------|------------|
| Desired Injection Pump  | 13.0 °     |
| Actual Inj. Pump Timing | 13.2 °     |
| APP Angle               | 0 %        |
| Accelerator Pedal Pos.1 | 0.61 Volts |
| Accelerator Pedal Pos.2 | 4.41 Volts |

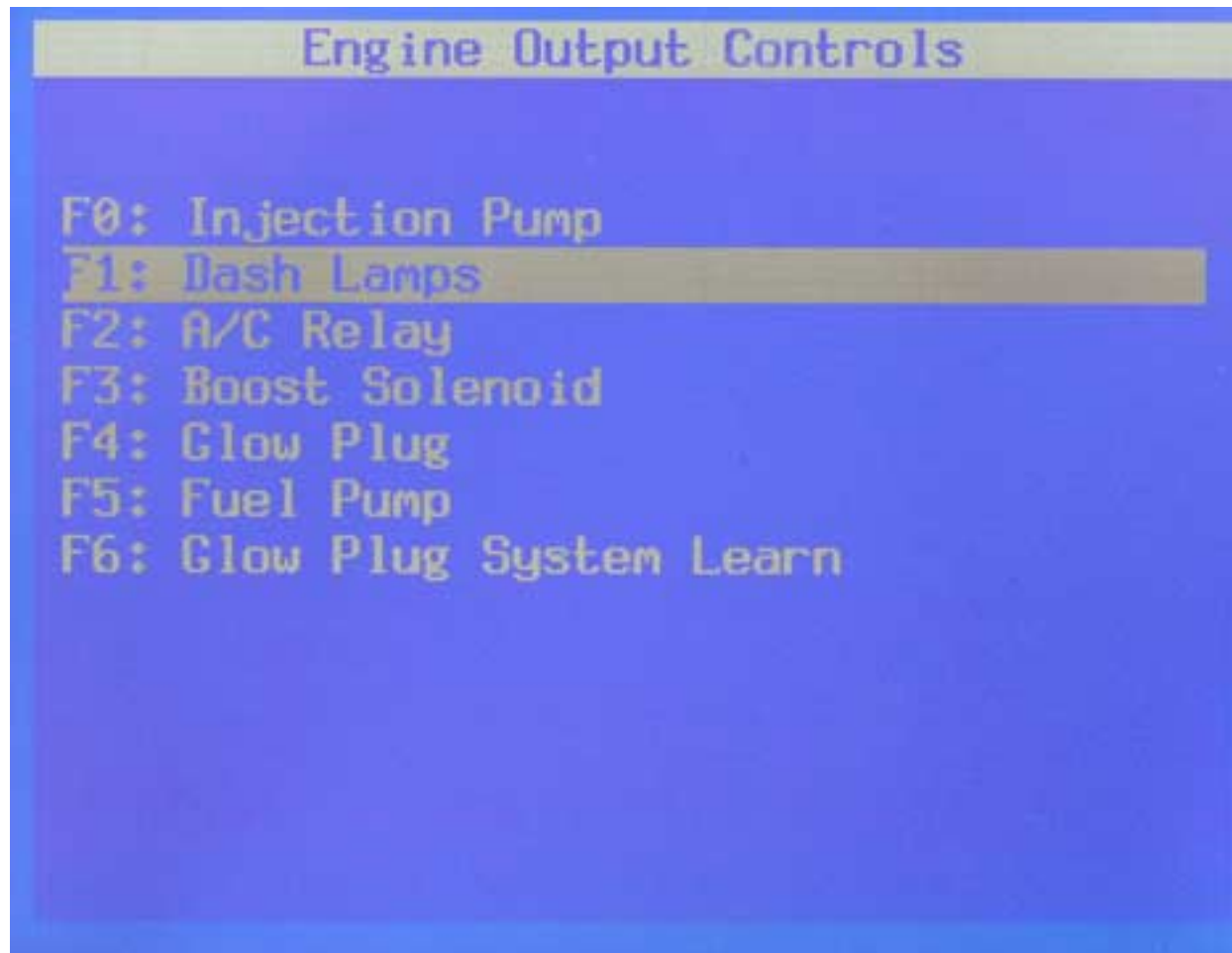
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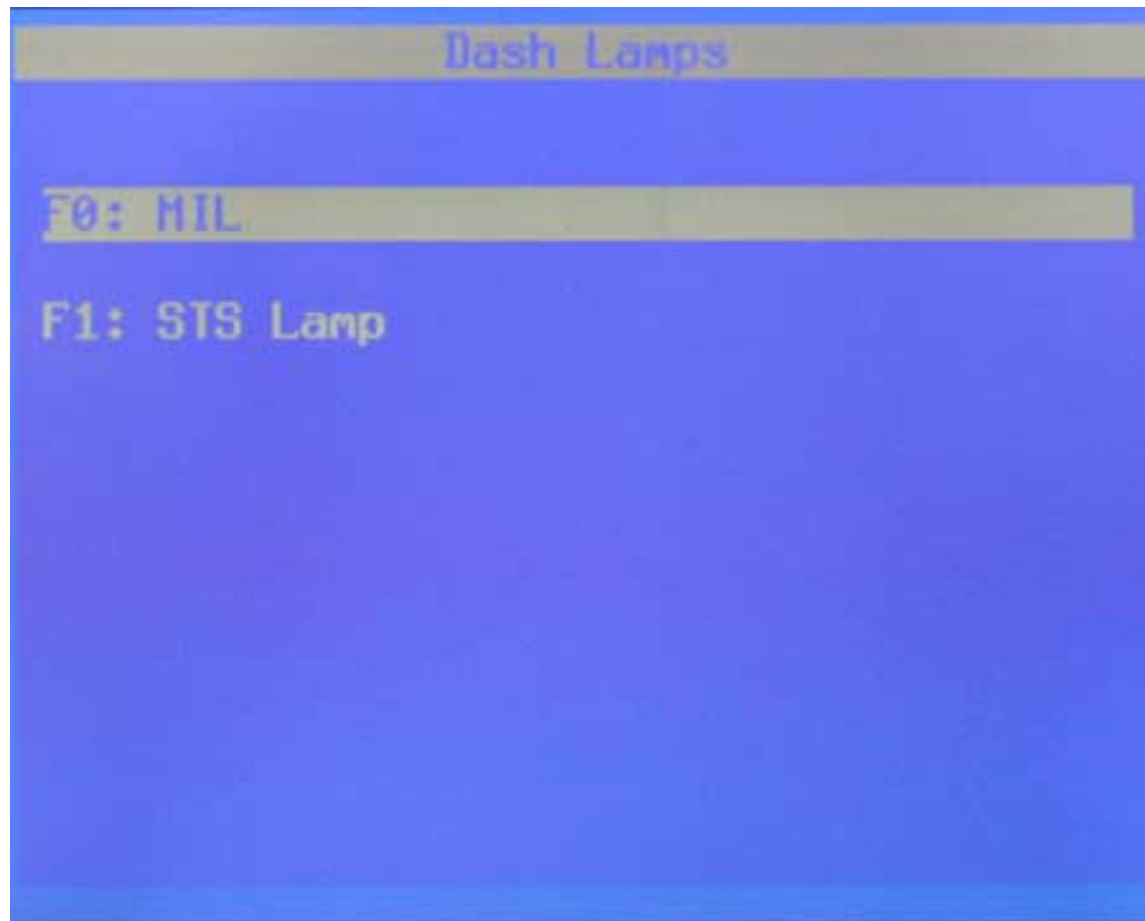
Desired Injection Pump Timing

Quick Snapshot   OFF   On   More

# Select F1



# The Tech 2 Activates Lights Via PCM Signal



# Tech 2 Activates Relay Via PCM .....Select F2

