

# Ford AU Series

# Message Display Center

## Instructions







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### Tools Required

Small flat blade screwdriver  
Medium Philips screwdriver

## Self-Diagnostic Test

Note: Skip the Self-Diagnostic test if the set point temperature numbers cannot be read.

- 1) Start the car and press the  button on the climate control.
- 2) Simultaneously press the  and  buttons to enter into the self-diagnostic mode. All the LCD segments will turn on and remain lit for about 10 seconds. During this time the MDC is carrying out a self-test.
- 3) If no faults are detected the MDC will switch to OFF state. Press  to exit diagnostic mode.
- 4) If errors are detected these will be displayed one at a time as either E1...8
  - i. Record the first error code that is displayed.
  - ii. Press the  button to switch to the next code and record that too.
  - iii. Continue step (ii) until all the codes are displayed.
  - iv. When the last code is displayed the MDC will enter the OFF state.
  - v. Press  to exit the diagnostic mode.

## Message Display Center Removal

- 1) Ensure the ignition is off.
- 2) Using a small flat blade screwdriver, gently pry off the gray plastic moulding surrounding the clock. It is clipped in at 3 points and care needs to be taken not to break the clips.
- 3) Using a Philips screwdriver remove the screw inside the recess to the left of the clock.
- 4) Using your fingers gently draw the MDC forward from the left edge. Pivoting about the right-hand side it will withdraw a short distance.
- 5) Looking through the opening, it will be possible to identify a hose and 2 electrical connectors attached to the rear of the MDC. Carefully disconnect these from the rear of the housing.
  - a. *Tip: Use a small screwdriver to open the hose clip (push locking clip to the right)*
  - b. *Tip: One by one, press down on the connector locking tab and lever the plug out of housing (don't pull on the wiring harness).*
- 6) Withdraw the MDC fully from the dashboard.
- 7) Fill in the Repair Request Form which is on the last page to this document.

## Postage & Packaging

Of highest importance is to use a rigid box that brings the combined weight under 1 Kg. We recommend the use of WINEpak™ sold by Australia Post outlets. When using a WINEpak™ please discard the brown internal cardboard form and use sufficient bubble wrap to secure your message display center and prevent rattle during transport.

Your car will operate without the climate controller, except there will be no ventilation controls.

Post your MDC complete with the filled in Repair Request Form to the following address:

Autotronic L.C.F.S. Pty Ltd  
1 Wendy Street  
Moorabbin VIC 3189

**PLEASE POST ON A MONDAY TO AVOID THE WEEKEND ON THE RETURN.**



## Payment Methods

An invoice will be issued and sent to you with your repaired unit. Payment is accepted by Credit Card, Cheque, Money Order, Internet Banking or by visiting any Commonwealth Bank branch to make a direct deposit. The business Commonwealth Bank connections are as follows:

BSB (6 digits): 063 128  
Account No: 10311612  
Account Name: AUTOTRONIC L.C.F.S. PTY LTD

**Once received MDCs are repaired and returned by post next day.**

## Message Display Center Installation

- 1) Ensure the ignition is off. Inspect the rear of the MDC to check that there are no foreign objects in the connector pins or the inside bore of the hose connection.
- 2) Insert & engage the tab on the right end of the MDC into the dashboard. Keep the left end apart.
- 3) Attach the electrical connectors making sure they are pushed firmly home. Attach the hose connection. Gently push the MDC fully into the dashboard.
- 4) Start the engine and press the  and  buttons at the same time to enter into the self-diagnostic mode. All the LCD segments will turn on and remain lit for about 10 seconds. The unit should return to the OFF state. Press the AUTO button to start normal operation.
- 5) Refit the screw and moulded clock surround.

## LCD Illumination Bulbs

The LCD background is illuminated by two (2) Xenon gas filled bulbs. The average bulb lifetime is about 2500 operating hours. Because these bulbs are illuminated whenever ignition is on, be prepared to renew these on average every 100,000km. Blown LCD background illumination bulbs exhibit unique symptoms that should not be confused with the **missing segments** display problem. If these symptoms match what you see in your vehicle then simply renew both bulbs (only available from genuine Ford spare parts dealers).

### **AU1 Orange LCD Blown Bulb Symptoms**

If one bulb goes out, then half the display (could be either the left or right half) will appear duller when the ignition is on. If both bulbs are out then there will be a black screen.

### **AU2 & AU3 Gray LCD Blown Bulb Symptoms**

During daylight hours it will be impossible to diagnose the condition of the bulbs, however they will be immediately obvious at night with the ignition on. If one bulb goes out, then half the display (could be either the left or right half) will appear darker at night. If both bulbs are out then there will be a black screen.

## Message Display Center LCD Repair Request Form

### Customer Details

Date .....

Name.....

Street Address.....

Suburb .....

State .....Postcode.....

Contact Phone Number (work / home) .....

Contact Phone Number (Mobile) .....

Parcel Post Method  Regular (3-5 business days **one way**)  Express (next business day **one way**)

### Vehicle Details

Year of Manufacture.....

Model (Fairmont, Fairlane, LTD).....

### Self-Diagnostic Test Results

Tick as appropriate:

 Unable to test (screen cannot be read) Tested, no error codes displayed

When codes present, tick corresponding box:

 **E 1**  **E 2**  **E 3**  **E 4**  **E 5**  **E 6**  **E 7**  **E 8**

Please include this form together with your Message Display Center & send to:

Autotronic L.C.F.S. Pty Ltd  
1 Wendy Street  
Moorabbin VIC 3189

**Autotronic Liquid Crystal**  
**Field Services Pty. Ltd. © 2005**

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<http://www.geocities.com/liquidxtal/>