## **Activating the Alarm**

The alarm system will be activated if any of the following actions occur after the system has been armed:

- 1. Any door is opened without using a door key or keyless entry code (if so equipped).
- 2. The trunk lock cylinder is removed. (NOTE the trunk can be opened with a key without activating the alarm).

# **Shutting Off the Alarm**

The alarm is shut off by two methods. One method is by unlocking a front vehicle door with a door key or by using the keyless entry door unlock sequence. The other method is a function of the control module which will turn the alarm off automatically within two to four minutes after the alarm has been activated. When the alarm is shut off automatically, the system returns to an armed state, and the alarm will activate if another intrusion occurs.

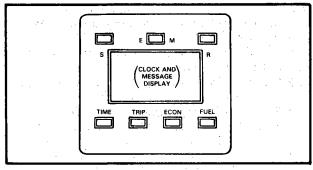
The starter interrupt circuit is activated at the time of the initial intrusion and will remain activated until deactivated by disarming the system with the door key or keyless entry code.

# TRIPMINDER® COMPUTER (Optional)

The Tripminder® located in the center of the instrument panel, provides you with the following information:

- Time, Day and Date
- Elapsed Time (hours, minutes & seconds travelled)
- Elapsed Trip Distance (miles travelled)
- Average Trip Speed
- Instantaneous Fuel Economy (current miles per gallon)
- Average Trip Fuel Economy
- Fuel Consumed

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You have the choice of displaying units of measure in either English (miles and gallons) or Metric (kilometers and liters).

The Tripminder operates with the ignition lock cylinder in the ON or ACC position. Each time the ignition key is turned on, the Clock mode will be automatically displayed. Further information will be displayed by pressing one or more of the seven pushbuttons on the face of the Tripminder.

The top three buttons are used to Set (S), or enter information, select English or Metric (E/M) units of measure, and Reset (R) information.

The bottom four buttons are used to select the information desired. Each button may select one of two functions. The second function is selected by pushing the same button a second time.

BUTTON	FIRST PUSH DISPLAYS	SECOND PUSH DISPLAYS	
TIME	Time, Day and Date	Elapsed Time	
TRIP	Elapsed Trip Distance	Average Trip Speed	
ECON	Instantaneous Fuel Economy	Average Trip Fuel Economy	
FUEL	Fuel Used	Fuel Used (Same as First Push)	

### **Tripminder Operation**

CLOCK — Displays the time, day and date automatically. To select clock display when any other message is displayed, press "TIME" button.

# To Reset -

- Clock must be displayed, if not, press "TIME"
- Press R (RESET)
- Press TIME button (hours and AM/PM indication will be displayed)
- Press S (SET) button until the correct hour and AM or PM indication appears
- Press TIME button again (minutes display)
- Press S (SET) until correct minutes appear
- Press TIME button (month displays)
- Press S (SET) until correct month appears
- Press TIME button (days display)
- Press S (SET) until correct day appears
- Press TIME button (date displays)
- Press S (SET) until correct date appears
- Press any button except S (SET) or R (RESET)

NOTE — Resetting of the clock will be needed if vehicle battery power is disconnected from the instrument panel or if clock and trip log "memory" is disrupted by electrical disturbances such as jump starting, lightning, or exposure to high-power radio transmitters.

If power to the Tripminder is disrupted, the clock will display RESET and begin counting time.

Although AM/PM and month are set with the procedure, they are not part of the normal clock display.

The clock can be displayed with the ignition switch in the OFF position by pressing the TIME button.

ELAPSED TIME — Displays elapsed time in hours, minutes and seconds, similar to a stopwatch. If clock is displayed, press TIME button once. If any other message is displayed, press TIME button twice.

# To Reset —

- Elapsed time must be displayed
- Press R (RESET) button
- Press TIME button to begin counting

Once set, the elapsed time will continue to count

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even though the engine is off.

TRIP ODOMETER — Displays the distance travelled since last reset. To display, press TRIP button once.

Up to 1,000 miles or kilometers, the display will include tenths of a unit. Beyond 1,000 miles or kilometers, the display will round off to whole units. The maximum reading is 9,999.

### To Reset -

- Trip odometer must be displayed
- Press R (RESET) button
- Press TRIP button to begin counting

AVERAGE TRIP SPEED — Displays average speed of the vehicle since last reset. The calculation is based on distance travelled and time. Time is not accumulated (counted) while the ignition switch is off. If Trip Odometer is displayed, press TRIP button once to display. If any other feature is displayed, press TRIP button twice.

### To Reset —

- Average Trip Speed must be displayed
- Press R (RESET) button
- Press TRIP button to begin calculation

INSTANTANEOUS FUEL ECONOMY — Displays the instantaneous fuel economy. To display, press ECON button once.

This feature is not resettable.

AVERAGE TRIP FUEL ECONOMY — Displays average fuel economy based on distance travelled and fuel used since last reset. If Instantaneous Fuel Economy is displayed, press ECON button once. If any other message is displayed, press ECON button twice.

#### To Reset -

- Average Trip Fuel Economy must be displayed
- Press R (RESET) button
- Press ECON button once to begin calculation

FUEL MEASUREMENT — Displays fuel used since

last reset. Press FUEL button once to display.

To Reset —

- Fuel used must be displayed
- Press R (RESET) button
- Press FUEL button to begin measurement

The average fuel economy you calculate - dividing miles travelled by gallons used - may differ from the Average Fuel Economy displayed by the Tripminder because:

- Your vehicle not being perfectly level during fill-up
- Differences in the automatic shut-off points on the gasoline pump at various service stations
- Variations in top-off procedure from one fillup to another

The electronic Tripminder calculations are not affected by any of these or other variations in fill-up techniques. Therefore, the Average Fuel Economy displayed by the Tripminder will be more accurate than your own calculations.

NOTE — In the English mode the display units are miles-per-gallon. In the Metric mode, the display units are litres (of fuel used) - per 100 kilometers.

METRIC CONVERSION — Upper button between S (SET) and R (RESET) buttons selects English or Metric unit of measure. Press to change from one measurement system to another.

TRIP RESET — Pressing the R (RESET) button twice resets all trip-related features to zero at one time, without having to reset each feature individually. The following features are reset:

- Elapsed Time
- Trip Odometer
- Trip Average Speed
- Trip Average Fuel Economy
- Fuel Used

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To see how easy it is to use the Tripminder, let's set up a typical situation . . .

You are about to leave on a short trip. First, start your vehicle. The Tripminder will automatically display time, day and date. The second step is up to you. Either press the R (RESET) button twice for automatic reset, or reset each trip feature individually. As you are driving to your destination, the Tripminder is monitoring all the information on your progress. If at some time during your trip you wish to know your fuel economy, press the ECON button. The display will show your instantaneous fuel economy. If you press the ECON button a second time, the average fuel economy will be displayed. If you want to see your average trip speed, press the TRIP button twice. The display will show your average speed. If you wish to return to the clock display, press the TIME button. As you can see by this short explanation, the operation of the Tripminder is not difficult and will be a benefit to you when traveling.

TRIPMINDER SELF-TEST — Your Tripminder system is equipped with a built-in diagnostic program called "Self-Test". If you suspect a problem with the Tripminder system, this feature can help you determine if the Tripminder unit itself is faulty or if there is a problem in one of the information gathering sensors.

To place the Tripminder in Self-Test, turn the ignition ON and press the TIME and E/M buttons simultaneously. To proceed with the tests, press the buttons in the order outlined in the attached chart.

The items appearing in the Display column of the following chart show what the unit should display if it is working properly. The Comment column explains how the display may change during the test. The Possible Fault column identifies specific components that may be faulty if the display does not appear as described.

If you identify a faulty component using the "Self-Test" mode, take your vehicle to your local Ford or Lincoln-Mercury dealer or authorized repair center for service.

TEST NO	BUTTON	DISPLAY	COMMENT	POSSIBLE FAULTS
.1	TIME and Miles/Km	00:00 TIME 1	Counts 00:00 thru 99:99	<ul><li>Tripminder Unit</li><li>Wiring</li></ul>
2	TRIP	12.0 DIST 2	Numbers will increase between .0 and 25.5 with vehicle moving	<ul><li>Tripminder Unit</li><li>Speedometer</li><li>Speed Sensor</li><li>Speedo Cable</li><li>Wiring</li></ul>
3	ECON	.0 FLOW 3	Numbers will increase between .0 and 25.5 with engine running as fuel is consumed	Tripminder Unit Wiring EEC Module
4	FUEL	.0 FUEL 4	Not applicable	Not applicable
5A	S	.0 DIM 5	Number will be less than 1.0 with headlights off	<ul><li>Tripminder Unit</li><li>Headlight Switch</li><li>Wiring</li></ul>
58	(Turn on head lights)	12.0 DIM 5	Number will vary with headlights on (turn off lights before continuing)	Same as above
6	S	66:66 NNNNNN		Tripminder Unit
7	E/M	77:77 ZZZZZZ		Tripminder Unit
8	E/M	88:88 +++++		Tripminder Unit
9	E/M	NTM-X	X is the number that will vary depending on pro- duction date of unit	Tripminder Unit
10	R	Returns to Clock Display	Exit Self-Test and return to normal operation	Not applicable

Note—Displays in self-test for certain buttons will vary slightly depending on production date of unit.

# INSTRUMENTATION

### **CLOCKS**

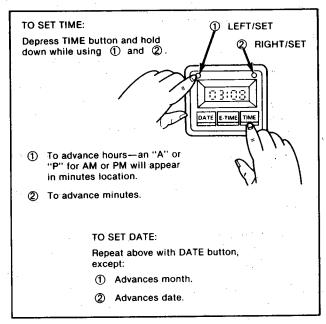
## **Quartz Electric Sweephand Clock**

To set the time, pull out the set knob and turn it clockwise to advance the time, or turn counterclockwise to set back the time.

## **Electronic Digital Clock (Optional)**

### Setting Time/Date

First, turn the ignition switch to ACC or ON. To prevent accidental resets, no setting of TIME, DATE, or ELAPSED TIME is possible with the ignition OFF.



Depress the TIME button and hold down while using Left/Set to advance the hours. Note that minutes will be replaced with "A" for AM and "P" for PM. Proper setting of A or P is important to the operation of the date portion of the clock.