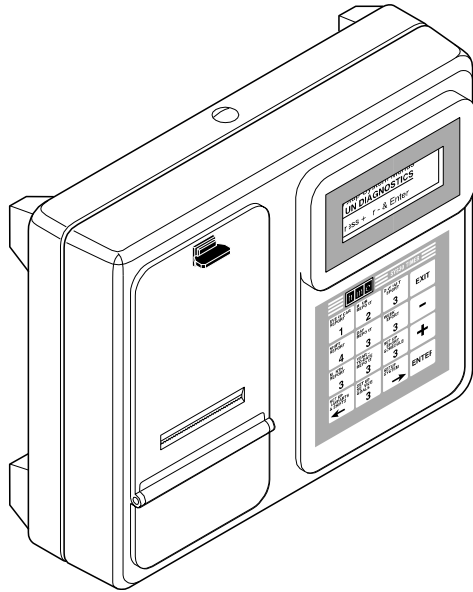


# Using the System 30 Timer

a quick-reference guide  
for Versions

C.2.0\*, D.2.1\*, B.2.2\*, E.2.2\*, F.2.2\*,  
G.2.2\*, H.2.2\*, A.2.3\*, K.2.3\* and above



The flowchart on this foldout  
overview of how to reach the variou  
menu functions of the System 30  
Continue through this Quick  
Guide for step-by-step instructions.

**In the event of an electrical power outage**

such as from a lightning storm or power generator failure, if you experience problems with your HME equipment after the electricity comes on again, unplug the AC power adapters from their electrical outlets, then plug them back in.

**HME**

**HM ELECTRONICS, INC.**

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Phone: 1-800-848-4468 Fax: (858) 552-0172

®

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# System 30 Menus

Reports Passcode May Be Required

Manager Passcode May Be Required

- EVERY CAR REPORT
- HOUR REPORT
- DAYPART REPORT
- SHIFT REPORT
- DAY REPORT
- WEEK REPORT
- MONTH REPORT
- YEAR-TO-DATE REPORT

Manager Passcode May Be Required

## SET UP REPORT SCHEDULE

- EVERY CAR
- HOUR
- DAYPART
- SHIFT
- DAY
- WEEK
- MONTH
- YEAR-TO-DATE

## SET UP DAYPARTS & SHIFTS

- DAYPARTS
- SHIFTS

## SET UP SERVICE GOALS

- MASTER SERVICE GOALS
- DAYPART SERVICE GOALS
- REMOTE DISPLAYS
- REMOTE STANDBY DISPLAYS
- SET ALARMS

## SET UP SYSTEM

- DRIVE-THRU MANAGER
  - DELETE 1ST CAR
  - RESET DETECTOR
- PRINT PROGRAMMING
  - SYSTEM
  - DAYPARTS & SHIFTS
  - SERVICE GOALS
  - REPORT SCHEDULES
  - INSTALLER
  - ALL
- RUN DIAGNOSTICS
  - KEYPAD
  - LCD DISPLAY
  - PRINTER
  - REMOTES
- SYSTEM SETUP
  - STORE HOURS
  - SET DATE/TIME
  - SET UP ACCOUNTING
  - CHANGE ACCESS CODES
  - REPORTS MANAGER

Installer Passcode Required

## INSTALLER SETUP

- DELETE UNDER 4 SECONDS
- SET OPTIONS
- SET UP LANE
- SET CONTROL
- ASSIGN LOCATIONS
- SET NUMBER OF LANES
- FORMAT SELECT
- DEFAULT PROGRAM
- SET UP TOTAL

### Cross references from this flowchart to:

	System 30 Quick Reference Guide	System 30 Operating Instructions
EVERY CAR REPORT	page 4	page 17
HOUR REPORT	page 6	page 19
DAYPART REPORT	page 8	page 21
SHIFT REPORT	page 10	page 23
DAY REPORT	page 12	page 25
WEEK REPORT	page 14	page 27
MONTH REPORT	page 16	page 29
YEAR-TO-DATE REPORT	page 18	page 31
SET UP REPORT SCHEDULE	none	pages 36-43
SET UP DAYPARTS & SHIFTS	pages 25-27	pages 44-47
SET UP SERVICE GOALS	none	pages 48-54
SET UP SYSTEM	pages 20-24	pages 61-67
INSTALLER SETUP	none	pages 76-92

# How to use this quick-reference guide

This guide will help you do some basic System 30 Timer jobs such as printing reports, changing the system setup and working with dayparts and shifts.

## *Here's how ...*



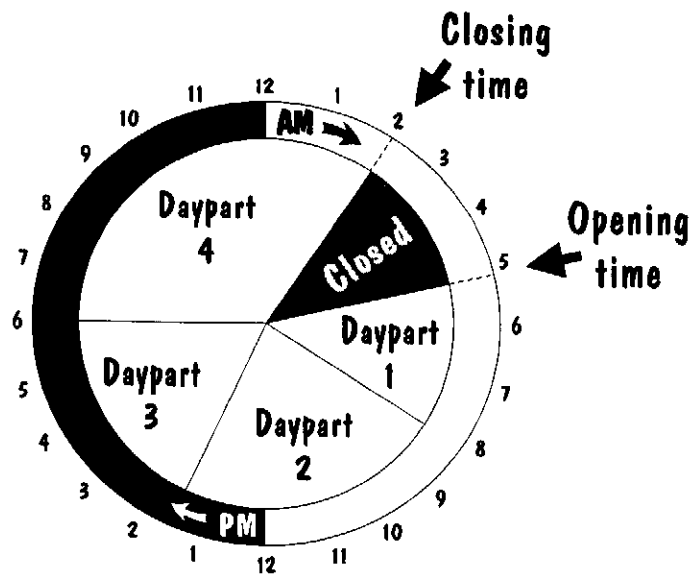
- Look in the Table of Contents for the job you want to do.
- Check to find out which store type you have.
- Be sure you understand what dayparts and shifts are.
- Follow the step-by-step directions for the job you want to do.
- For more detailed information about your timer system, refer to the System 30 Timer Operating Instructions on the HME website at <http://www.hme.com/userManuals.cfm>.

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Problems?    Print System Settings	30
How to Recognize Your Store Type	32

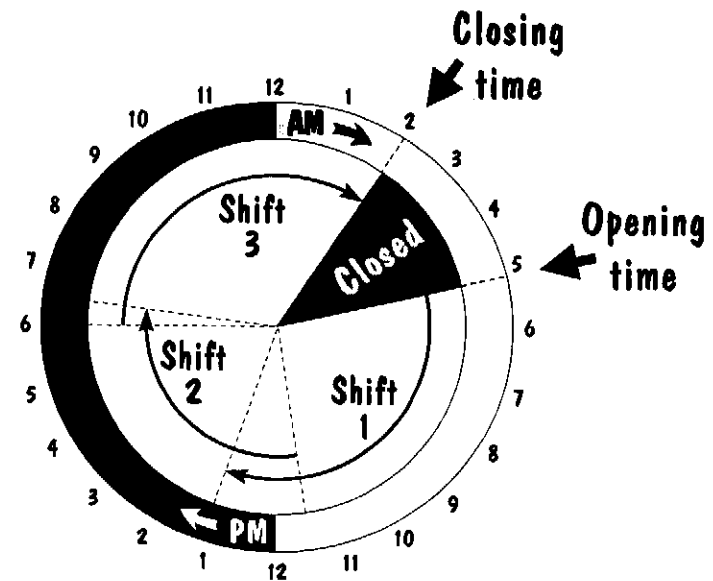
## What's a daypart?

- A daypart is any part of a day when you specifically want to measure service times. It can be during breakfast, mid-morning, lunch, afternoon, etc.
- A daypart can be any amount of time; 1 hour, 2½ hours, etc.
- Up to 12 dayparts can be set for each day. They are referred to as daypart 1, daypart 2, etc.
- A daypart is measured from the beginning of one block of time to the beginning of the next.
- The first daypart starts at (or after) your store's opening time, and the last daypart always ends at closing time.



## What's a shift?

- A shift is a part of a day that refers to a time when a particular crew is working. It is typically used to measure crew performance, based on service times.
- A shift can be any amount of time; 1 hour, 2½ hours, etc.
- Up to 3 shifts can be set for each day.
- Unlike dayparts, shifts can be set to overlap.



# Printing On-Demand Reports

Select which of the following reports you want to print., and go to the page shown for that report.

<b>Report</b>	<b>Page</b>
Every Car Report	4
Hour Report	6
Daypart Report	8
Shift Report	10
Day Report	12
Week Report	14
Month Report	16
Year-to-Date Report	18

**NOTE:** Before attempting to print any reports, press the **EXIT** key several times, until the display no longer changes.

# Every Car Report

The printout of the **Every Car Report** will show the date and time of the report, along with the range of dates that you select. It will show the last two detection points "ON," and the Total Time for each car.

- 1** Press the **EVERY CAR REPORT** key on the keypad.



The **Every Car Report** display will appear, showing the current date and time on the *Fm* and *To* lines.

```
Every Car Report:
Fm: JAN 01 12:00A
To: JAN 01 12:00A
Print Report: START
```

The "Fm" (from) line on the display indicates when the report period will begin. The "To" line indicates when the report period will end.

Press the **EXIT** key to leave the **Every Car Report** display at any time.

## 2

```
Every Car Report:
Fm: JAN 01 12:00A
To: JAN 01 12:00A
Print Report: START
```

- When a month is flashing, press the + or – key if you want to change the month for the report to begin or end, then press the **ENTER** key.
- When a day or time is flashing, use the number keys to enter the day or time you want the report to begin or end, then press the **ENTER** key.
- When "A" or "P" is flashing, press the + or – key if you want to change the time for the report to begin or end to AM or PM, then press the **ENTER** key.
- When **START** is flashing on the "Print Report" line, press the **ENTER** key to begin printing the report.
- To stop this report while printing, press the **EVERY CAR REPORT** key to reenter the **EVERY CAR REPORT** display, and press the **ENTER** key when "STOP" is flashing.



# Hour Report

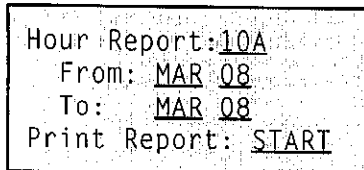
The printout of the **Hour Report** will show the date and time of the report, the Store ID, along with counts for Total Cars, Total Hours & Minutes, Average Time, Cars served within each goal, and Longest times for Menu, Service and Total times. This report also shows Total Pullouts, Total Pullins, Average Queue Time, Average Cars in the Lane, and system information (power fails, system resets and vehicle detector resets).

1

Press the **HOUR REPORT** key on the keypad.



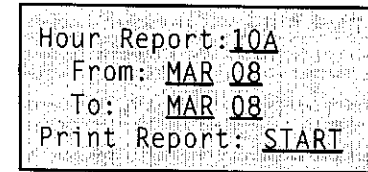
The Hour Report display will appear, showing the current date.



The “Hour Report” line on the display indicates the beginning time for the report hour to begin. The “From” and “To” lines indicate the beginning and ending dates for which the selected hour will be reported.

Press the **EXIT** key to leave the Hour Report display at any time.

2



- When the hour is flashing, use the number keys to enter the beginning time you want the hour report to begin, then press the **ENTER** key.
- When “A” or “P” is flashing, press the + or – key if you want to change the time for the report to begin to AM or PM, then press the **ENTER** key.
- When a month is flashing, press the + or – key if you want to change the month for the report to begin or end, then press the **ENTER** key.
- When a day is flashing, use the number keys to enter the day you want the report to begin or end, then press the **ENTER** key.
- When START is flashing on the “Print Report:” line, press the **ENTER** key to begin printing the report.
- To stop this report while printing, press the **HOUR REPORT** key to reenter the **HOUR REPORT** display, and press the **ENTER** key when “STOP” is flashing.





# Daypart Report

The printout of the **Daypart Report** will show the date and time of the report, the Store ID, along with counts for Total Cars, Total Hours & Minutes, Average Time, Cars served within each goal, and Longest times for Menu, Service and Total times. This report also shows Total Pullouts, Total Pullins, Average Lane Time, average Cars in the Lane, and system information (power fails, system resets and vehicle detector resets). If the report request is for more than one day, a daypart report will be printed compiling data from the specified daypart for all of the requested days.

1

Press the **DAYPART REPORT** key on the keypad.



The Daypart Report display will appear, showing the current date.

```
Daypart Report:
Daypart:02 09:00A
Dates:JAN 14 JAN 14
Print Report: START
```

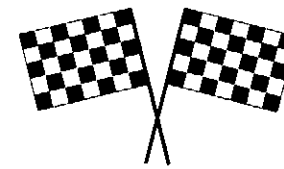
The “Daypart” line on the display indicates the number of the daypart selected and the time it begins. The “Dates” line indicates the dates for which the selected daypart will be reported.

Press the **EXIT** key to leave the Daypart Report display at any time.

2

```
Daypart Report:
Daypart:02 09:00A
Dates:JAN 14 JAN 14
Print Report: START
```

- When the daypart number is flashing, use the number keys to enter the daypart you want reported, then press the **ENTER** key.
- When a month is flashing, press the + or – key if you want to change the month for the report to begin or end, then press the **ENTER** key.
- When a day is flashing, use the number keys to enter the day you want the report to begin or end, then press the **ENTER** key.
- When START is flashing on the “Print Report:” line, press the **ENTER** key to begin printing the report.
- To stop this report while printing, press the **DAYPART REPORT** key to reenter the **DAYPART REPORT** display, and press the **ENTER** key when “STOP” is flashing.



***You're Done!***

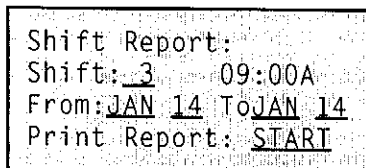
# Shift Report

The printout of the **Shift Report** will show the date and time of the report, the Store ID, along with counts for Total Cars, Total Hours & Minutes, Average Time, Cars served within each goal, and Longest times for Menu, Service and Total times. This report also shows Total Pullouts, Total Pullins, Average Lane Time, average Cars in the Lane, and system information (power fails, system resets and vehicle detector resets).

**1** Press the **SHIFT REPORT** key on the keypad.



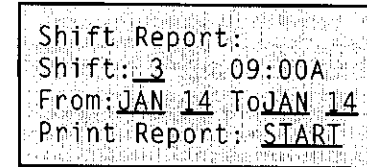
The Shift Report display will appear, showing the current date.



The “Shift” line on the display indicates the number of the shift selected and the time it begins. The “From” and “To” lines indicate the beginning and ending dates for which the selected hour will be reported.

Press the **EXIT** key to leave the Shift Report display at any time.

## 2



- When the shift number is flashing, use the number keys to enter the shift you want reported, then press the **ENTER** key.
- When a month is flashing, press the + or – key if you want to change the month for the report to begin or end, then press the **ENTER** key.
- When a day is flashing, use the number keys to enter the day you want the report to begin or end, then press the **ENTER** key.
- When START is flashing on the “Print Report:” line, press the **ENTER** key to begin printing the report.
- To stop this report while printing, press the **SHIFT REPORT** key to reenter the **SHIFT REPORT** display, and press the **ENTER** key when “STOP” is flashing.



# Day Report

The printout of the **Day Report** will show the date and time of the report, the Store ID, along with counts for Total Cars, Total Hours & Minutes, Average Time, and Cars served within each goal. This report also shows Total Pullouts, Total Pullins, Average Lane Time, Average Cars in Lane, and system information (power fails, system resets and vehicle detector resets).

1

Press the **DAY REPORT** key on the keypad.



The Day Report display will appear, showing the current date.

Day Report:
From: <u>MAR 08</u>
To: <u>MAR 08</u>
Print Report: <u>START</u>

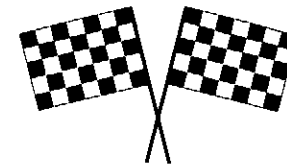
The “From” and “To” lines indicate the beginning and ending dates which will be reported.

Press the **EXIT** key to leave the Day Report display at any time.

2

Day Report:
From: <u>MAR 08</u>
To: <u>MAR 08</u>
Print Report: <u>START</u>

- When a month is flashing, press the + or – key if you want to change the month for the report to begin or end, then press the **ENTER** key.
- When a day is flashing, use the number keys to enter the day you want the report to begin or end, then press the **ENTER** key.
- When START is flashing on the “Print Report:” line, press the **ENTER** key to begin printing the report.
- To stop this report while printing, press the **DAY REPORT** key to reenter the **DAY REPORT** display, and press the **ENTER** key when “STOP” is flashing.



***You're Done!***

# Week Report

The printout of the **Week Report** will show the date and time of the report, the Store ID, along with counts for Total Cars, Total Hours & Minutes, Average Time, and Cars served within each goal. This report also shows Total Pullouts, Total Pullins, Average Lane Time, Average Cars in Lane, and system information (power fails, system resets and vehicle detector resets).

1

Press the **WEEK REPORT** key on the keypad.



The Week Report display will appear, showing the current date.

Week Report:	<u>OFF</u>
From:	<u>MAY 07,00</u>
To:	<u>MAY 13,00</u>
Print Report:	<u>START</u>

The "From" and "To" lines indicate the beginning and ending dates which will be reported.

Press the **EXIT** key to leave the Week Report display at any time.

2

Week Report:	<u>OFF</u>
From:	<u>MAY 07,00</u>
To:	<u>MAY 13,00</u>
Print Report:	<u>START</u>

- When OFF or DAYON is flashing on the "Week Report:" line, press the + or – key if you want to change whether the Day reports follow the week report, then press the **ENTER** key.
- When a month is flashing, press the + or – key if you want to change the month for the report to begin or end, then press the **ENTER** key.
- When a day is flashing, use the number keys to enter the day you want the report to begin or end, then press the **ENTER** key.
- When START is flashing on the "Print Report:" line, press the **ENTER** key to begin printing the report.
- To stop this report while printing, press the **WEEK REPORT** key to reenter the **WEEK REPORT** display, and press the **ENTER** key when "STOP" is flashing.



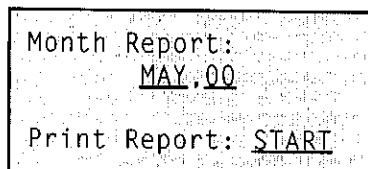
# Month Report

The printout of the **Month Report** will show the date and time of the report, the Store ID, along with counts for Total Cars, Total Hours & Minutes, Average Time, and Cars served within each goal. This report also shows Total Pullouts, Total Pullins, Average Lane Time, Average Cars in Lane, and system information (power fails, system resets and vehicle detector resets).

- 1** Press the **MONTH REPORT** key on the keypad.



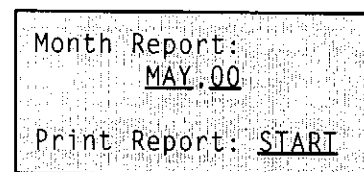
The Month Report display will appear, showing the current date.



The month and year on the display when START is flashing is what will be reported.

Press the **EXIT** key to leave the Month Report display at any time.

**2**



- When a month is flashing, press the + or – key if you want to change the month to be reported, then press the **ENTER** key.



If you enter a month after the current month, that month from last year will be printed.

- When a year is flashing, use the number keys to enter the year of the month you want to be reported, then press the **ENTER** key.
- When START is flashing on the "Print Report:" line, press the **ENTER** key to begin printing the report.
- To stop this report while printing, press the **MONTH REPORT** key to reenter the **MONTH REPORT** display, and press the **ENTER** key when "STOP" is flashing.



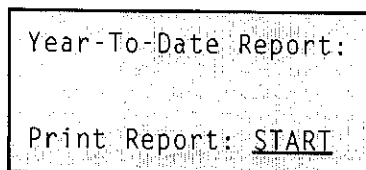
# ***Year-to-Date Report***

*The printout of the **Year-to-Date Report** will show the date and time of the report and the Store ID, along with counts for Total Cars, Total Hours & Minutes, Average Time, and Cars served within each goal. This report also shows Total Pullouts, Total Pullins, Average Lane Time, Average Cars in Lane, and system information (power fails, system resets and vehicle detector resets).*

**1** Press the **YEAR-TO-DATE REPORT** key on the keypad.



*The Year-to-Date Report display will appear.*



When **START** is flashing on the “Print Report:” line, press the **ENTER** key to begin printing the report.

To stop this report while printing, press the **YEAR-TO-DATE REPORT** key to reenter the **YEAR-TO-DATE REPORT** display, and press the **ENTER** key when “STOP” is flashing.

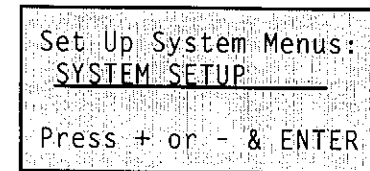


# Changing the System Setup

- 1 Press the **SET UP SYSTEM** key on the keypad.



*The Set Up System Menu display will appear.*

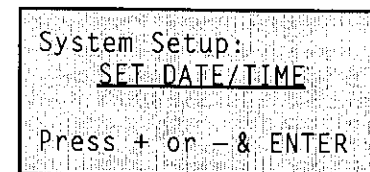


*Press the **EXIT** key any time you want to stop.*

- 2 If **SYSTEM SETUP** is not flashing on the display, press the + or – key until **SYSTEM SETUP** is flashing, then press the **ENTER** key.

*The System Setup display will appear.*

- 3



If **SET DATE & TIME** is not flashing on the System Setup display, press the + or – key until **SET DATE & TIME** is flashing, then press the **ENTER** key.

*The Date/Time display will appear.*

# 4

Date/Time	
Date:	<u>JAN 24,00</u>
Time:	<u>07:57A</u>
Daylight Sav:	NO

- When a month is flashing, press the + or – key if you want to change the month for the report to begin or end, then press the **ENTER** key.
- When a day or time is flashing, use the number keys to enter the day or time you want the report to begin or end, then press the **ENTER** key.
- When “A” or “P” is flashing, press the + or – key if you want to change the time for the report to begin or end to AM or PM, then press the **ENTER** key. For all Timer versions except A.2.3\* or K.2.3\* and above.
- If “YES” is flashing, press the + or – key and change the automatic daylight-savings time setup to “NO,” then press the **ENTER** key.

*Your System 30 Timer was designed to automatically adjust the times shown on reports when the **Daylight Sav:** is set to **YES**. This adjustment was set for American Standard daylight savings time dates before 2007. Due to changes in those dates, beginning 2007, it is necessary to turn off the automatic adjustment by setting **Daylight Sav:** to **NO**, and to adjust the clock manually, according to the instructions above, each time daylight-savings time changes occur in your area.*

**NOTE:** Daylight Savings Time cannot be edited and is always disabled in Timer Version A.2.3\* or K.2.3\*

**These adjustments should be made when the store is closed. If PC30 is connected to your timer and running, discontinue the PC30 program before adjusting the clock.**

# 5

System Setup:
<u>STORE HOURS</u>
Press + or - & ENTER

If STORE HOURS is not flashing on the System Setup display, press the + or – key until STORE HOURS is flashing, then press the **ENTER** key.

*The Store Hours display will appear.*

# 6

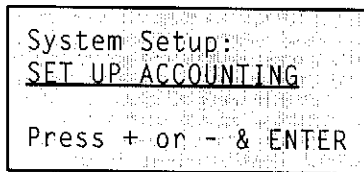
Store Hours:
For Day: <u>ALL</u>
<u>06:00A-11:30P</u>
Press + or - & ENTER

- When ALL is flashing, press the + or – key if you want to change the day to set the store hours for a specific day, then press the **ENTER** key.
- When the hours or minutes on the left side are flashing, use the number keys to enter the time you want the store to open. Press the **ENTER** key after the hour entry and after the minute entry.
- When “A” or “P” is flashing, press the + or – key if you want to change the opening time to AM or PM, then press the **ENTER** key.



- When the hours or minutes on the right side are flashing, use the number keys to enter the time you want the store to close. Press the **ENTER** key after the hour entry and after the minute entry.
- When “A” or “P” is flashing, press the + or – key if you want to change the closing time to AM or PM, then press the **ENTER** key.
- To save the entries you have made, press the **ENTER** key.
- To return to the System Setup display, press the **EXIT** key.

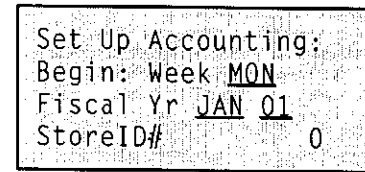
7



If SET UP ACCOUNTING is not flashing on the System Setup display, press the + or – key until SET UP ACCOUNTING is flashing, then press the **ENTER** key.

*The Set Up Accounting display will appear.*

8



- When the day is flashing, press the + or – key if you want to change the day on which weekly data will begin to be collected, then press the **ENTER** key.
- When the month is flashing, press the + or – key if you want to change the month in which data will begin to be collected for the fiscal year, then press the **ENTER** key.
- When the day of the month is flashing, use the number keys to enter the day of the month on which the fiscal year will begin, then press the **ENTER** key.
- When the Store ID# line is flashing, use the number keys to enter an ID number of up to eight digits, then press the **ENTER** key.
- To save the entries you have made and return to the System Setup display, press the **EXIT** key.

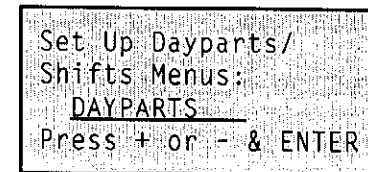


# Adding or Changing Dayparts

- 1 Press the **SET UP DAYPARTS & SHIFTS** key on the keypad.



*The Set Up Dayparts/Shifts Menu display will appear.*



*Press the **EXIT** key any time you want to return to the previous display.*

- 2 If DAYPARTS is not flashing on the display, press the + or – key until DAYPARTS is flashing, then press the **ENTER** key.

*The Set Up Dayparts (p1) display will appear.*



*Up to 12 dayparts can be set up.  
The (p1) display is for dayparts 01-04,  
(p2) is for 05-08 and (p3) is for 09-12.  
Set up dayparts by entering the first  
daypart followed by the second, and  
so on. Enter zeroes for any unused  
dayparts, and they will be disabled.*

### 3

```
Set Up Dayparts(p1)
01=07:30A 02=09:00A
03=11:30A 04=01:30P
Press # Keys & ENTER
```

- When the hour or minutes for a daypart is flashing, use the number keys to enter the time you want that daypart to begin, then press the **ENTER** key.
- When “A” or “P” for a daypart is flashing, press the + or – key if you want to change the time for that daypart to begin to AM or PM, then press the **ENTER** key.
- After entering the beginning times for all four dayparts, to go on to the next set of dayparts, press the **ENTER** key.

```
Set Up Dayparts(p2)
05=04:00P 06=07:30P
07=09:00P 08=OFF
Press # Keys & ENTER
```

*The Set Up Dayparts (p2) display will appear.*

- Enter the beginning times for all four dayparts, then press the **ENTER** key to go on to the next set of dayparts.

```
Set Up Dayparts(p3)
09=OFF 10=OFF
11=OFF 12=OFF
Press # Key & ENTER
```

*The Set Up Dayparts (p3) display will appear.*

- Repeat step 3 for the last four dayparts.



# Adding or Changing Shifts

- 1 Press the **SET UP DAYPARTS & SHIFTS** key on the keypad.



*The Set Up Dayparts/Shifts Menus display will appear.*

A rectangular display screen with a black border. The text on the screen is as follows:

Set Up Dayparts/  
Shifts Menus:  
SHIFTS  
Press + or - & ENTER

*Press the **EXIT** key any time you want to return to the previous display.*

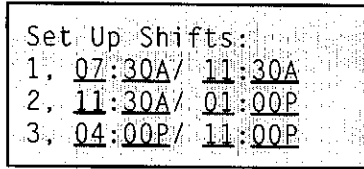
- 2 If **SHIFTS** is not flashing on the display, press the + or - key until **SHIFTS** is flashing, then press the **ENTER** key.

A rectangular display screen with a black border. The text on the screen is as follows:

Set Up Shifts:  
1. 07:30A / 11:30A  
2. 11:30A / 01:00P  
3. 04:00P / 11:00P

*The Set Up Shifts display will appear.*

# 3



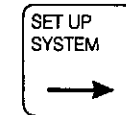
- When the hour or minutes for a shift is flashing, use the number keys to enter the time you want that shift to begin/end, then press the **ENTER** key.
- When “A” or “P” for a shift is flashing, press the + or – key if you want to change the time for that shift to begin to AM or PM, then press the **ENTER** key.
- After entering the beginning and ending times for all three shifts, press the **EXIT** key to store your entries and return to the Set Up Dayparts/Shifts Menu display.



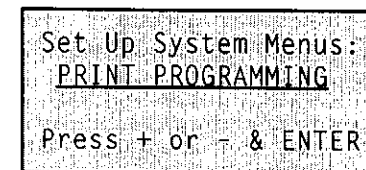
## Problems? Print System Settings

If you have any problems operating your System 30 Timer, first print out a copy of the system settings, then call HME at 1-800-848-4468. To print the system settings, follow these instructions.

- Press the SET UP SYSTEM button.



*The Set Up System Menu display will appear.*



*Press the **EXIT** key any time you want to return to the previous display.*

- Press the + or – key until PRINT PROGRAMMING is flashing, then press the **ENTER** key.

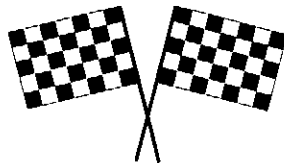
*The Print Programming display will appear.*

```
Print Programming:
Print: ALL
Setup Listing.
Press + or - & ENTER
```

- Press the + or – key until ALL is flashing, then press the **ENTER** key.



*Keep a printout of all the system settings clipped in the back of this book, so you will have it handy whenever you need to know what the settings are.*

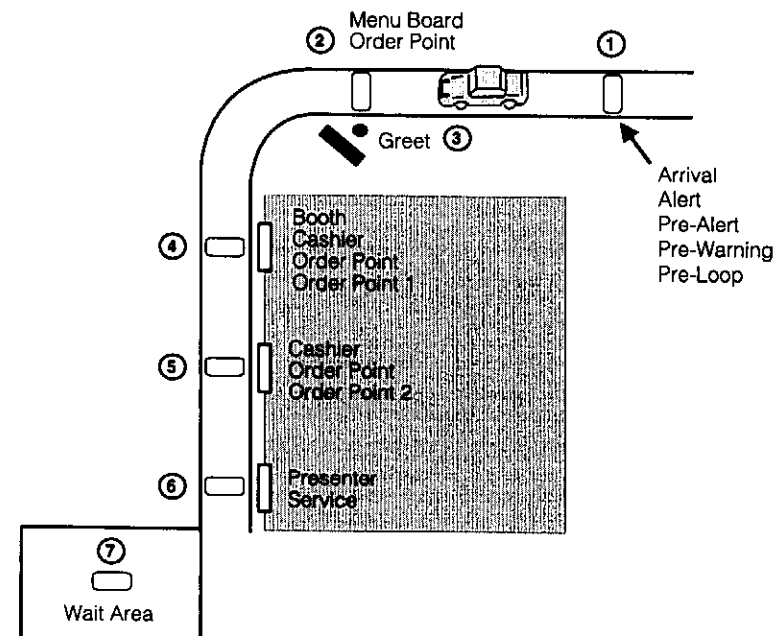


***You're Done!***

## How to Recognize Your Store Type

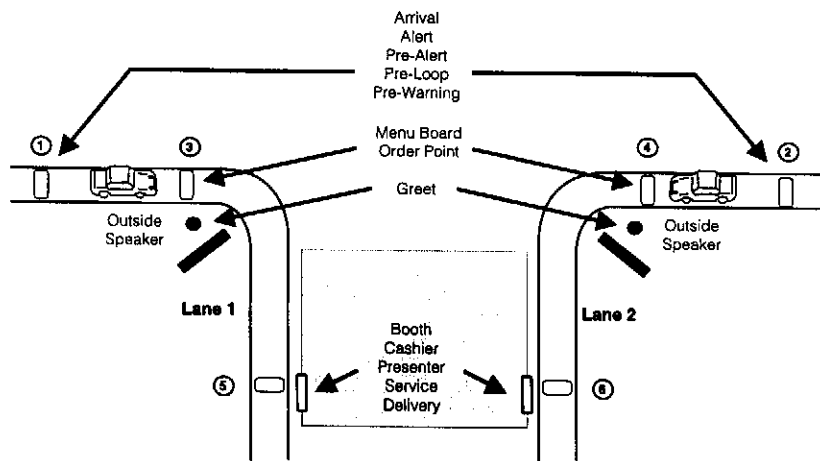
Look at the following drawings to find which type of store layout you have. The illustrations shown are of typical store layouts, but other layouts are also possible.

### Type 1 • has one lane



**One-lane drive-thru layout**

## Type 2 • has two lanes



Two-lane drive-thru layout