

MILEAGE KEEPER  
INSTRUCTION MANUAL

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This is version 1.1 of the manual and software.

Any comments or problems with the Mileage Keeper or documentation, please contact :

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# MILEAGE KEEPER OPERATING INSTRUCTIONS

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# 1. Introduction And Parts Included

The Mileage Keeper is intended to keep a record of the mileage driven, time spent at a destination ( such as service calls ), allow you to enter a memo or note (i. e. gas purchases, phone numbers ) and in Special Mode keep track of distance traveled, and maximum speed.

A maximum of 500\* entries will be saved in the MILES memory before writing over previous entries.

A maximum of 100\* entries of Start and Stop time can be saved in the TIME memory before writing over previous entries.

A maximum of 100\* entries of memos can be saved in MEMO memory before writing over previous entries.

A maximum of 200 entries will be saved in SPECIAL memory before writing over previous entries.

*\* A MEMORY WARNING message will appear when there are 10 or less locations available in each section of memory. Data should be transferred before it is written over and lost.*

The display that will be on the screen during normal operation is shown below:

desti nati on			
SP	x	y	zzzz

*destination - The destination / customer that was selected or entered.*

*SP x - This is the vehicle speed in 1 mph increments.*

*y - Distance traveled since the destination was selected.*

*zzzz - Time or Date displayed depending on selection.*

The cable connects to the connector on the bottom of the unit. The knob on the top left side is the contrast adjustment, use this to adjust the display for best viewing. The connector on the top of the unit is for the computer interface.

**The unit turns ON and OFF with the ignition switch in the vehicle**

## 2. Installation

Following is a list of parts that come with the Mileage Keeper:

- Mileage Keeper
- AC Adapter / Power Supply  
12 vdc @ 100ma Center contact is Ground, Outside is +12vdc  
Radio Shack part # 273-1662 will work as replacement.
- 12 Foot Cable  
4 wire flat phone cable with RJ11 connector
- Instruction Manual

The Mileage Keeper connects to the vehicle through the cable. This cable has 4 wires.

**BLACK** wire connects to Ground

**RED** wire connects to +12 volts DC.

**GREEN** wire connects to the speedometer sending unit (see Note).

**YELLOW** wire connects to Ground for Vehicle #2. Not used in Vehicle #1.

( Note: If you do not know where the speedometer wire is we suggest you find a business that installs Cruise Controls for autos and have them install the Mileage Keeper.) Check our website at <http://www.wildtec.com>

The **BLACK** wire (Pin 1 of the connector) must be connected to a good **GROUND** on the vehicle.

The **RED** wire (Pin 2 of the connector) should be connected to the ignition side of +12 VDC. (This means that the **IGNITION KEY** must be **ON** to have +12 V DC on the **RED** wire). The Mileage Keeper has an internal protection device so no fuse is necessary.

The **GREEN** wire (Pin 3 of the connector) needs to be connected to the Speedometer Sending Unit for a signal that pulses this wire. This is available on most late model vehicles. If your vehicle does not have an electronic speedometer, then a sending unit can be installed in your speedometer cable.

Special care must be taken to avoid running the **GREEN** wire near ignition components, spark plug wires, distributor, and coil: as this may pick up noise

The **YELLOW** wire (Pin 4 of the connector) is used to tell the Mileage Keeper which vehicle (maximum of 2) it is connected to. Connect the **YELLOW** wire to Ground in Vehicle #2. Do not connect the **YELLOW** wire on Vehicle #1.

### 3. Initialization And Calibration Of Mileage Keeper

- Plug in connector to unit .
- Turn key on in vehicle.
- Adjust contrast knob on top of unit, if necessary.

Display shows :

```
DESTINATION ? NEW(N)
CONTINUE(C) 1 END(E)
```

The "1" in the display indicates that this is in vehicle #1

- Press **C** for continue to get to the next display.

```
UNDECLARED
SP 0 0.0 time
```

- Press green **FUNC**

```
FUNCTION #
```

- Press **8**

```
SET TIME DATE? Y/N
```

- Press **Y** for Yes

```
ENTER TIME
xx: xx xM xx/xx/xx
```

You enter time and date completely.

Enter time first. You must enter two digits i. e. 03:15 not 3:15 for the time

If the month is less than 10, enter a 0 first for the month. i. e. 04/23/98. When you finish entering the date press ENTER (If you make any mistakes press CLEAR and start over with the green FUNCTION key.)

### 3. Initialization And Calibration Of Mileage Keeper (cont.)

Now decide if you want the date or time to be displayed in the window during operation of the Mileage Keeper. This can be changed anytime.

UNDECLARED  
SP 0 0.0 time

- Press the green **FUNC**

FUNCTION #

- Press **8**

SET TIME DATE? Y/N

- Press **N** for No

DISPLAY TIME(T)  
DATE(D)

- Press **T** or **D** for your choice

Usually you should not RESET so that new information is saved but not over the old information, this allows you to transfer the information at a later date if necessary, but if this is the first time to collect information, you should do a RESET.

RESET ? Y/N

- Press **Y**  
(Mileage Keeper will ask you again to be sure)

- Press **Y** for yes

### 3. Initialization And Calibration Of Mileage Keeper (cont.)

Next you will need to calibrate to the vehicle.

Display:

```
CALIBRATE VEHI CLE#1
Y/N
```

To calibrate you drive a measured mile, it can be a marker on the highway or use your odometer for the 1 mile calibration.

NOTE: For safety the Mileage Keeper will not accept keyboard input while the vehicle is in motion. Bring the vehicle to a safe stop off of the road and out of traffic before using the keyboard.

- Press  when ready to calibrate the 1 mile measurement.

```
CALIBRATE VEHI CLE#1D
Y/N      0  ENTER ?
```

On the screen the number will count up (2000 to 8000 counts per mile) depending on the make of your vehicle. Drive the 1 mile then stop

NOTE: If the number does not begin counting when the vehicle moves, then

stop and press  to change style of sensor pickup, the D in the upper right corner of display will chage to a A, (D is DC pickup: A is AC pickup) and then calibrate the vehicle. If after calibration the reading doesn't match the vehicle's odometer then recalibrate and select the other style of sensor pickup

- Press



The Mileage Keeper is now calibrated. If you will be using this unit in a second vehicle it will be necessary to calibrate the Mileage Keeper in that vehicle also. The Mileage Keeper saves the calibration values separately and knows which one to use. (See **YELLOW** wire in **Section #2** installation.)

## 4. Pre-Entering Destinations Or Customers

In the normal operation of the Mileage Keeper you can select a destination or customer by typing in the name or selecting a pre-entered name. This section covers how to pre-enter those names.


You have a maximum of 26 (Codes A - Z) that can be pre-entered. These codes (max of 26) can be entered or changed at any time.

You may do this in your office or home by using the AC adapter to power the unit.


You may press  or use the  to correct mistakes during the entering of Destinations.

- Power on Mileage Keeper. Turn on ignition or connect to AC adapter. Display shows :

DESTINATION ? NEW(N)  
CONTINUE(C) 1 END(E)

- Press  for continue to get to the next display.

UNDECLARED  
SP 0 0.0 time

- Press the green 

FUNCTION #

- Press 


CODE ? or ↑ or ENTER

#### 4. Pre-Entering Destinations Or Customers(cont.)

- Press 

CODE ? or ↑ or ENTER


Enter the CODE (A - Z) that you want assigned to this destination/customer.  
Next type the name of the destination/customer (Maximum of 20 characters).


The  key can be used to correct mistakes.




Example:

CODE Z or ↑ or ENTER  
PERSONAL BUSINESS

- Press 

You can now enter another CODE (A -Z) or press  to exit this function.

Once you press  to exit and want to view the entries that you made, this is

done by pressing the  key, then , and then the 

Display:

CODE A or ↑ or ENTER  
Your Entry



- Press  or  to scan your entries.

- Press  to exit.

More pre-entered destination/customers can be made in memory at anytime, with a maximum of 26 (A - Z)

## 5. Operation - Saving Mileage (FUNCTION 1)

To select or change destination and customers..

- Turn vehicle ignition on OR
- Press green  • Press  if Mileage Keeper is already on.

Display shows :

DESTINATION ? NEW(N)  
CONTINUE(C) 1 END(E)

The "1" indicates that the Mileage Keeper is in vehicle #1 and will use the calibration value for vehicle #1.




The following are your three choices:



-- NEW(N) allows you to select a new destination or customer.

- Press  for NEW

CODE ? or ↑ or ENTER


To use a pre-entered destination;



- Press the CODE (A to Z) that you want or  to scan through the pre-entered destinations using the  or .

- Press  to use the selected destination or  to start over.

To enter a destination not pre-entered;

- Press .

- Type the destination (Maximum of 20 characters). Use the  key to correct mistakes.

- Press  to use the selected destination or  to start over.

## 5. Operation - Saving Mileage (FUNcTion 1) cont.

-- CONTINUE(C) is for when you do not want to change your destination.

- Press for CONTINUE

Note: If you do not select one of the options, NEW, CONTINUE, or END, and drive on, the mileage will automatically be added to the Destination that is already selected. CONTINUE is the default.

-- END(E) is to END the trip you were on last. This is used when you are preparing to transfer the information out of the Mileage Keeper. The destination will show as UNDECLARED on the display.

- Press for END

UNDECLARED			
SP	0	0.0	time

## 6. Operation - Tracking Time (FUNCTION 2)

To use the Mileage Keeper to store the Starting and Ending times that you are at a destination, you must have already selected the destination. (see above)

Display shows:

desti nati on		
SP 0	3.6	10:48

3.6 = distance you drove to arrive at destination

• Press the green



FUNCTION #
------------

• Press



desti nati on
START TIME ? Y/N

• Press



for Yes. Time is stored as START time at destination.

To end the time, it can be done by one of these two methods ;

• Press green



• Press



OR

When you change destinations by using FUNCTION 1 or when the vehicle is turned on next time.

desti nati on
STOP TIME ? Y/N

• Press




for Yes. Time is stored as STOP time at destination.

If you Start a time you must Stop that time before you can enter another Start time.

## 7. Operation - Entering A Memo (FUNCTION 6)

The Mileage Keeper can be used to keep track of expenses and other items.

- Press the green 

FUNCTION #


- Press 


MEMO ?

- Type the information to be saved. (Maximum of 20 characters)

MEMO ?  
\$27.12 19.1G 26435

This entry represents a fuel purchase of \$27.12 for 19.1 gallons and the odometer is at 26435 miles. A telephone number may be another typical entry.

The  key can be used to correct mistakes.

- Press  to save the MEMO.

## 8. Operation - Using Measure (FUNCTION 7)

Used to measure a specific distance, such as a Trip Odometer in a vehicle. This value is for information only and will not be saved

Display shows:

desti nati on			
SP	0	3.6	10:48

• Press the green



FUNCTION #			
------------	--	--	--

• Press



desti nati on			
SP	0	3.6	0.00

The odometer will be displayed where the time or date was in the lower right corner of the display. This odometer will display the distance traveled in 1/100th of a mile increments, from when it is turned on to when it is turned off.

desti nati on			
SP	0	3.6	17.38

You measured 17.38 miles

• Press the green



FUNCTION #			
------------	--	--	--

• Press




desti nati on			
SP	0	20.9	11:27

Time or date will be back on the display now. The measured value is not saved and the next time FUNCTION 7 is selected it will begin at 0.00 .

## 9. Displaying Information (FUNCTION 4)

This will be used to view the information, MILES, TIME, MEMO and SPECIAL that have already been saved in memory.

- Press the green 

FUNCTION #

- Press 

MILES(1) TIME(2)  
MEMO (3) SPECIAL(4)




--To view the MILES:

- Press 

The display will show the last complete entry that was saved.

destinati on  
mm/dd tt:ttAM zzzz

mm/dd - Date the trip began  
tt:ttAM - Time the trip began  
zzzz - Mileage of the trip

- Press  or  to scan your entries.
- Press  to exit.

-- To view the TIME:




- Press 

The display will show the last complete entry that was saved.


destinati on  
mm/dd tt:ttA tt:ttP

mm/dd - Date the time was started  
tt:ttA - Start time  
tt:ttP - Stop time




## 9. Displaying Information (FUNCTION 4)cont.

- Press  or  to scan your entries.
- Press  to exit.


-- To view the MEMO :

- Press 
- The display will show the last complete entry that was saved.

\$27.12	19.1G	26435
mm/dd/yy		




- Press  or  to scan your entries.
- Press  to exit.

-- To view the SPECIAL:

- Press 
- The display will show the last complete entry that was saved.
- Starting Date and Time

mm/dd/yy	hh:mm PM
9.1	74

9.1 miles traveled, maximum speed 74 mph.

- Press  or  to scan your entries.
- Press  to exit.

## 10. Transfer Information To Computer (FUNCTion 3)

This section covers transferring the stored information to a Computer.

The interface or connection for the computer is an RS-232 port. This needs to be connected to your computer in place of a Modem. Use a standard modem cable to connect the Mileage Keeper to the computer and software to interface to an external modem. Set the communications for **4800Baud, 1 Start bit, 8 Data bits, 1 Stop bit, No Parity and No Flow Control** is used. There are many different software programs available for the different types of computers that will work.

*See Appendix A for cable illustrations and program steps*

You will need to remove the Mileage Keeper from the vehicle and take it to the computer. The AC adapter will be used to power the unit. Connect the AC adapter to the Mileage Keeper and plug in.

Display shows :

```
DESTINATION ? NEW(N)
CONTINUE(C) 1 END(E)
```

- Press **E** to END the trip you were on last.

With your Computer on, start the software program that you will use to receive the data from the Mileage Keeper. Make certain that the communications port is set for the proper baud rate and other settings listed above. Now connect the cable from the Computer to the Mileage Keeper.

When you transfer the saved information, it will be done by Date. It is a good idea to use the Display Information (FUNCTion 4) mode to view the date and write down the starting and ending dates of your information to be transferred.

- Press the green **FUNC**

```
FUNCTION #
```

- Press **3**

## 10. Transfer Information To Computer (FUNCTION 3) cont.

MILES(1) TIME(2)  
MEMO (3) SPECIAL(4)

-- To transfer the MILES:

- Press

START DATE? mm/yy

Enter the earliest date of the information to be transferred. Enter a 0 first if the month (mm) is a single digit. This should be the same date or later.

- Press  if the date is correct. OR
- Press  if the date is not correct.

The Mileage Keeper will search the memory to match this date. If the date is not found then it will ask for the START DATE again. ( Don't forget the 0 if the month is less than 10 )

START DATE? 12/97  
STOP DATE? mm/yy

Enter the last date of the information to be transferred. Enter a 0 first if the month (mm) is a single digit. This should be the same date or later.

- Press  if the date is correct. OR
- Press  if the date is not correct..

The Mileage Keeper will search the memory to match this date. If the date is not found then it will ask for the STOP DATE again. If the date is valid then the computer will transfer the information.

## 10. Transfer Information To Computer (FUNCTION 3) cont.

MI LES(1) TIME(2)  
MEMO (3) SPECIAL(4)

-- To transfer the TIME:

- Press

START DATE? mm/yy

Enter the earliest date of the information to be transferred. Enter a 0 first if the month (mm) is a single digit. This should be the same date or later.

- Press  if the date is correct. OR
- Press  if the date is not correct.

The Mileage Keeper will search the memory to match this date. If the date is not found then it will ask for the START DATE again. ( Don't forget the 0 if the month is less than 10 )

START DATE? 12/97  
STOP DATE? mm/yy

Enter the last date of the information to be transferred. Enter a 0 first if the month (mm) is a single digit. This should be the same date or later.

- Press  if the date is correct. OR
- Press  if the date is not correct..

The Mileage Keeper will search the memory to match this date. If the date is not found then it will ask for the STOP DATE again. If the date is valid then the computer will transfer the information

## 10. Transfer Information To Computer (FUNCTION 3) cont.

MILES(1)	TIME(2)
MEMO (3)	SPECIAL(4)

-- To transfer the MEMO:

- Press

START DATE? mm/yy
-------------------

Enter the earliest date of the information to be transferred. Enter a 0 first if the month (mm) is a single digit. This should be the same date or later.

- Press  if the date is correct. **OR**
- Press  if the date is not correct.

The Mileage Keeper will search the memory to match this date. If the date is not found then it will ask for the START DATE again. ( Don't forget the 0 if the month is less than 10 )

START DATE? 12/97
STOP DATE? mm/yy

Enter the last date of the information to be transferred. Enter a 0 first if the month (mm) is a single digit. This should be the same date or later.

- Press  if the date is correct. **OR**
- Press  if the date is not correct..

The Mileage Keeper will search the memory to match this date. If the date is not found then it will ask for the STOP DATE again. If the date is valid then the computer will transfer the information

## 10. Transfer Information To Computer (FUNCTION 3) cont.

MI LES(1) TIME(2)  
MEMO (3) SPECIAL(4)

-- To transfer the SPECIAL:

- Press

START DATE? mm/yy

Enter the earliest date of the information to be transferred. Enter a 0 first if the month (mm) is a single digit. This should be the same date or later.

- Press  if the date is correct. OR
- Press  if the date is not correct.

The Mileage Keeper will search the memory to match this date. If the date is not found then it will ask for the START DATE again. ( Don't forget the 0 if the month is less than 10 )

START DATE? 12/97  
STOP DATE? mm/yy

Enter the last date of the information to be transferred. Enter a 0 first if the month (mm) is a single digit. This should be the same date or later.

- Press  if the date is correct. OR
- Press  if the date is not correct..

The Mileage Keeper will search the memory to match this date. If the date is not found then it will ask for the STOP DATE again. If the date is valid then the computer will transfer the information

## 10. Transfer Information To Computer (FUNCTION 3) cont.

After the information is transferred to the computer, you should be able to use your computer's various programs to Cut and Paste the portions of the information to be put in reports (i. e. Expense reports) or data bases. All of the Information transferred to the computer is separated by a "TAB".

Shown below is an example of the information that is collected and transferred to the computer. This has been formatted in Courier Font , size 10

### MILES:

DATE	DESTINATION	MILES	START	VEHICLE
12/01/97	CALTRANS	13.0	10:15 AM	1
12/01/97	AH+E	1.5	11:35 AM	1
12/01/97	OFFICE	16.5	11:43 AM	1
12/02/97	CALTRANS	11.9	1:25 PM	1
12/02/97	J.F.SHEA AGGREGATE	7.7	2:18 PM	1
12/02/97	OFFICE	17.5	2:32 PM	1
12/03/97	J.F.SHEA AGGREGATE	11.6	11:35 AM	1
12/03/97	OFFICE	14.1	12:11 PM	1

### TIME:

DATE	CUSTOMER	START	STOP
12/17/97	CALTRANS	9:34 AM	11:42 AM
12/21/97	CALTRANS	10:33 AM	2:00 PM

### MEMO:

DATE	MEMO
12/05/97	\$17.50 13.0G 14944
12/10/97	\$28.50 22.0G 15437
12/18/97	\$24.25 19.2G 15721
12/26/97	\$26.52 21.0G 16064

### SPECIAL:

DATE	START	STOP	MILES	SP
12/06/97	7:55 AM	8:15 AM	17.8	70
12/06/97	12:48 PM	1:38 PM	20.9	68
12/06/97	4:00 PM	4:13 PM	8.1	72
12/06/97	5:09 PM	6:10 PM	17.2	66
12/06/97	6:31 PM	7:02 PM	17.2	66
12/07/97	8:16 AM	8:54 AM	18.1	68
12/07/97	10:32 AM	10:46 AM	8.9	61
12/07/97	11:33 AM	11:46 AM	13.3	70
12/07/97	11:53 AM	12:33 PM	46.2	72
12/07/97	12:53 PM	1:48 PM	49.7	65
12/07/97	2:33 PM	3:29 PM	56.1	70
12/07/97	3:46 PM	3:47 PM	.2	28
12/07/97	3:49 PM	3:54 PM	1.7	36

Appendix B shows the formats for each field of information

## 11. SPECIAL Mode (FUNCTION 0)

The Mileage Keeper has a SPECIAL mode that will monitor all of the individual trips of the vehicle it is installed in. The information that is collected is the starting and stopping time of the trip, maximum speed of the vehicle, and the distance traveled.


*If the vehicle ignition is turned on, beginning a new trip, but the vehicle does not go anywhere, the trip will not be saved.*

A maximum of 200 individual trips will be collected before writing over the earlier trips.

When the SPECIAL mode is entered the last 4 digits of the vehicle's odometer is entered and all individual trips are added to it.

When you leave the SPECIAL mode, the last 4 digits of the vehicle's odometer should match.

If the Mileage Keeper was disconnected during the SPECIAL mode, the numbers will not match.

• Press the green 

FUNCTION #

Press  :

START ODOMETER  
xxx. x

If the vehicle's odometer reads 17659.1, then enter the numbers 659.1

START ODOMETER  
659. 1                    ENTER ?

Press 


## 11. SPECIAL Mode (FUNCTION 0) cont.

The Mileage Keeper will revert to the normal display and continue to do the standard job of recording MILES, TIME, and MEMOs.

PERSONAL BUSINESS		
SP 0	7.3	5:49

You can use the FUNCTION 4 mode to view the trips that are being monitored at anytime without ending the SPECIAL mode. (See section #9)

To end the SPECIAL mode:

- Press the green 

FUNCTION #
------------

Press  :

STOP ODOMETER	
748.3	ENTER ?

The vehicle's odometer's last 4 digits should be close to 748.3.

How accurate this is will be is dependent on how accurate the calibration of the Mileage Keeper was. The calibration in section #3 needs to use the vehicle's odometer for the 1 mile reading to assure accuracy of the SPECIAL mode. Test this SPECIAL mode a number of times by yourself to insure the accuracy and repeatability are satisfactory.

Press 

The Mileage Keeper will revert to the normal display.

CUSTOMER XYZ		
SP 0	32.8	10:03

The last 200 trips will remain in memory and can be viewed or transferred to a computer when desired. The starting and ending odometer readings are not saved in memory.

## Appendix A

### A-1 Cable and setup for Apple Macintosh™ computers.

Cable:

Macintosh™	Mileage Keeper
Mini-Circular 8 Pin	DB-25 Male
Pin 3 -----	Pin 3 (Transmit / TX)
Pin 5 -----	Pin 2 (Receive / RX)
Pin 4 -----	Pin 7 (Ground)

Program setup for AppleWorks™ or ClarisWorks™ (Other programs are similar)

1. Connect cable to Macintosh™ modem port before turning computer on.
2. Turn on Macintosh™ computer.
3. Select AppleWorks™.
4. Select **Communications**
5. Under **Settings** select **Connection**.
6. Method: **Serial Tool**
7. Change setup to be:

<b>Baud Rate</b>	<b>4800</b>
<b>Data Bits</b>	<b>8</b>
<b>Stop Bits</b>	<b>1</b>
<b>Parity</b>	<b>None</b>
<b>Port</b>	<b>Modem</b>
8. Click on **OK**
9. Under **Session** select **Open Connection**

You are now ready to transfer the information from the Mileage Keeper (**Section 10**)

## Appendix A (cont.)

### A-2 Cable and setup for computers running Windows™ 3.X .

**Cable:** This varies depending on the model and manufacture of your computer. Some use 9 pin connectors, this usually requires a High Speed Modem cable that has the signals between pins 2 & 3 cross connected (Null Modem). If it has a 25 pin connector, this usually requires a Straight Thru Serial cable

The connection at the Mileage Keeper is:

DB-25 Male
Pin 3 (Transmit / TX)
Pin 2 (Receive / RX)
Pin 7 (Ground)

Program setup for Windows™ 3.X

1. Connect cable to computers RS-232 port before turning computer on.
2. Turn on computer.
3. Select **Program Manager** file
4. Select **Accessories** file.
5. Select **Terminal** file
- 6 The Terminal window should be displayed. Select **Settings**.
7. Select **Communications**
8. Change setup to be:

<b>Baud Rate</b>	<b>4800</b>
<b>Data Bits</b>	<b>8</b>
<b>Stop Bits</b>	<b>1</b>
<b>Parity</b>	<b>None</b>

**CommPort** (select the RS -232 port that you connected the cable to in step 1)

9. Click on **OK**

You are now ready to transfer the information from the Mileage Keeper (**Section 10**)

## Appendix A (cont.)

### A-3 Cable and setup for computers running Windows 95™ and 98™.

**Cable:** This varies depending on the model and manufacture of your computer. Some use 9 pin connectors, this usually requires a High Speed Modem cable that has the signals between pins 2 & 3 cross connected (Null Modem). If it has a 25 pin connector, this usually requires a Straight Thru Serial cable

The connection at the Mileage Keeper is:

DB-25 Male
Pin 3 (Transmit / TX)
Pin 2 (Receive / RX)
Pin 7 (Ground)

#### Program setup for Windows 95™

1. Connect cable to computers RS-232 port before turning computer on.
2. Turn on computer.
3. Select **START**
4. Select **Programs**
5. Select **Accessories** file.
6. Select **HyperTerminal** file
7. Select **Hypertrm.exe**
- 8 Type any Mileage Keeper and select the Icon with **2 TelePhones**, click **OK**
9. The Phone Number Window opens:  
    Connect using: **Direct to Com X** (1,2, where the cable is connected)  
    Click ; **OK**
10. Change Port settings to be:

<u>B</u> its per second	<b>4800</b>
<u>D</u> ata Bits	<b>8</b>
<u>P</u> arity	<b>None</b>
<u>S</u> top Bits	<b>1</b>
<u>F</u> low control	<b>None</b>
11. Click on **OK**

*Note :The next time you transfer information, when you open the **HyperTerminal** file, select the **Mileage Keeper** Icon*

You are now ready to transfer the information from the Mileage Keeper (**Section 10**)

## Appendix B

### Transfer data from HyperTerminal to Excel™ for further use

Now that the data is in the computer you can Copy and Paste it to other programs. Following are the steps necessary to get the Data into the spreadsheet Excel™

1. Select the Data to be moved.
2. Click on Edit on the Tool bar
3. Click on Copy
4. Now open the Excel™ program
5. With a New worksheet select **A1** position
6. Click on Edit on the Tool bar
7. Click on Paste

All of your Data should now be in Column A. Now depending on your computer, Windows 95™ or Macintosh™ and the level of your Excel™ program, you will format the information that you pasted in the spreadsheet.

1. Click on Column A to select the information to be formatted.
2. Click on Data on the tool bar in Excel™
- 3a. Select Text to Columns for Windows 95™  
Select **Fixed width** then **Next>**  
Check the format and make any changes and click **Finish**
- 3b. Select Parse for Macintosh™  
Click on **Quick**  
Check the format and make any changes and click **OK**

### Data format of transferred information from Mileage Keeper

#### MILES:

Date(8) -tab- Destination(20) -tab- Mileage(5) -tab- Time(8) -tab- Vehicle - crlf

#### TIME:

Date(8) -tab- Customer(20) -tab- Start Time(8) -tab- Stop Time(8) crlf

#### MEMO:

Date(8) -tab- Memo(20) -crlf

#### SPECIAL:

Date(8) -tab- Start Time(8) -tab- Stop Time(8) -tab- Miles(5) -tab- Max Speed(2) -crlf

## WARRANTY INFORMATION

The Mileage Keeper is warranted to be free of defects in material and workmanship for one year after the date of purchase. In the event of a defect under this warranty, we will at our option, repair or replace the product, provided that you return the product, postage prepaid to:

Wilderness Technology, Inc.,  
22169 Lassen View Dr.  
Palo Cedro, CA 96073  
<http://www.wildtec.com>

Please include your name, address and an explanation of the defect.

**This warranty does not cover defects caused by misuse or improper handling, installation or maintenance of the product.**

This warranty gives you specific legal rights and you may have other rights which vary from state to state.