

AUTOPOWER

Hose Assembly in Order Entry

HOW-TO WORKBOOK



**400 Technology Park
Lake Mary, FL 32746**

www.AutoPower.com

Ph. 407-695-7300

Fax: 407-695-8001

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TRAINING OBJECTIVE

The purpose of this workbook is to help you the AutoPower end-user master the basic elements of Purchasing. It is designed as a self-help tool, consisting of step-by-step explanations and examples. Fill-in-the-blank and multiple-choice exercises will follow each topic. This will help emphasize the knowledge that is needed to get your job done accurately and quickly.

You are encouraged to use this training book in combination with your AutoPower applications database, or by using the examples in this workbook. However, all the examples may not be hands-on. I will let you know what these examples are when we get to them.

In combination with this workbook, you will have in class a PC or thin client to follow along with the exercises in this workbook.

When you have completed the exercises in this AutoPower Hose Assembly Workbook you will be able to complete all the modules below with 100% accuracy. You will be measured by completing short fill-in the blanks or multiple-choice questions at the end of each lesson with results provided to management upon completion of training.

Tasks

Create a New Hose Assembly
Add Components to an Existing Hose Assembly
Edit a Hose Assembly
Lookup Inventory Inquiry

Section 1.1 SYSTEM OVERVIEW

Before we get started there are only a few areas of the system that the Escape key, Backspace key, Space Bar and the Delete key can be used. When we get to these areas of the application they will be pointed out to you. These keys cause control characters in some of the data records and should not be used except where we tell you they can be used.

Keep a copy of this guide handy for day-to-day processing challenges. This workbook may be ordered from AutoPower, as you need them for training others throughout your business for a nominal fee.

In AutoPower Order Entry the counterperson has the capability to instantly build a hose assembly from within the Line Item Entry screen.

As the hose assembly is being built an assembly number is assigned to the hoses components. This hose assembly is then stored into a History file for later recall. This assembly history will allow the counterperson to be quite productive in determining future hose assembly requirements. With the hose assembly components stored in the history file, any specific assembly can be recalled, displayed on the Hose Assembly screen showing all the appropriate part numbers required.

Once the Hose Assembly has been recalled and displayed, the counterperson can modify the assembly by entering a different hose length, couplings or other parts of the hose part numbers. This modified assembly now can be given a new assembly number and placed into the Hose Assembly History file.

The Hose Assembly program is interfaced from within the Line Item Entry Screen in Order Entry.

How to build a new hose assembly?

The hose part number and the components must exist in the Inventory file maintenance.

When you first access Order Entry, the first step would be to enter the “HA” to access the Hose assembly program.

AccuTerm 262 - [DEV2 CFG (1)]

06/28/05 Order Entry No: W1*403

Ship To: AUTOPOWER QA CUSTOMER #5 525 TECHNOLOGY PARK 100 STE 109 LAKE MARY, FL 32746	Bill To: AUTOPOWER QA CUSTOMER #5 525 TECHNOLOGY PARK 100 STE 109 LAKE MARY, FL 32746
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Terms: A - NET 10TH	TAXABLE	BACKORDERS OK	PO NO:
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ITM	Part Number	DPT	AVL	ORD	SHP	B/O	Core	Price	Extension
1	HA_								

f1=HoldOrd f2=List f3=List% f4=Comment f5=Notes f6=VehSvc
f7=Heading f8=Catalog f9=IntNote f10=WOREq f11=Prev# f12=Next#

The Hose Assembly screen will display with the next prompt.

Enter an Assembly Number to be Retrieved or Created, or ?, or .xxxx. This option will allow you to display an existing hose assembly that was created in the past. You could also type in a “?” to view all assemblies or type in a “.” followed by the existing assembly name to initiate a search. To enter a new assembly type in the word “NEW” in the Assy No: field.

AccuTerm 262 - [DEV2 CFG (1)]

Assy No: _ QTY: Print:

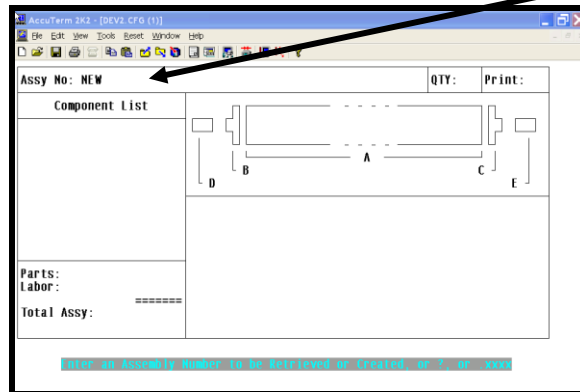
Component List

Diagram showing a hose assembly with components labeled A, B, C, D, and E.

Parts:
Labor: =====
Total Assy:

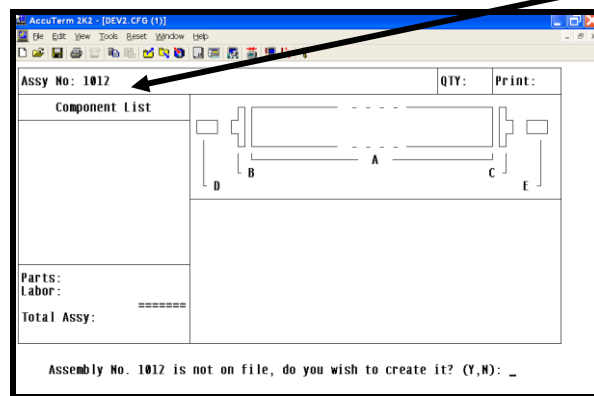
Enter an Assembly Number to be Retrieved or Created, or ?, or .xxxx

Type in the word “NEW” to begin a new hose assembly.



The screenshot shows the AccuTerm 262 software window. At the top, the title bar reads 'AccuTerm 262 - [DEV: CFG (1)]'. Below the menu bar, the 'Assy No:' field contains the text 'NEW'. To the right of this field are 'QTY:' and 'Print:' labels. Below the 'Assy No:' field is a 'Component List' section with a diagram of a hose assembly. The diagram consists of a central rectangle labeled 'A', with lines extending from its left and right sides to smaller rectangles labeled 'B' and 'C' respectively. From the ends of 'B' and 'C', lines extend further to rectangles labeled 'D' and 'E'. Below the diagram is a large empty box. At the bottom left, there are labels for 'Parts:', 'Labor:', and 'Total Assy:' followed by a series of asterisks. At the very bottom, a status bar contains the text 'Enter an Assembly Number to be retrieved or created, or "N" or "NEW'.

The next available Assembly Number will display in the Assy No. Field.



The screenshot shows the same AccuTerm 262 software window. The 'Assy No:' field now contains the number '1012'. The rest of the interface, including the 'Component List' diagram and the bottom status bar, remains the same. An arrow points from the text above to the '1012' in the 'Assy No:' field.

In our example the message prompt “**Assembly No. 1012 is not on file, do wish to create it?** (Y/N)” displayed.

Type in “Y” and press **ENTER**. If you type in “N” you will be prompted again to either create a new assembly or search for existing assemblies.

Then you will type in the description of the new hose assembly that is being built. This description of the hose assembly will be later printed on the customer’s invoice.

Press **ENTER**.

Type in the Qty of hoses that will be built and press **ENTER**. For hoses, the quantity may be entered in feet or inches. If entered in feet, it will be converted to inches

Assy No: 1012 HEATER HOSE 12IN QTY: 1 Print:

Component List

Parts:
Labor:
Total Assy: =====

Do you wish to print the Hose components on the invoice? (Y,N):

The next prompt will be “**Do you wish to print the Hose components on the invoice? (Y,N): Y**

The default is **Y**, press **ENTER**. If you do not want the components to print on the invoice type in **N** and press **ENTER**.

The cursor will advance to the message prompt.

Assy No: 1012 HEATER HOSE 12IN QTY: 1 Print:

Component List

Parts:
Labor:
Total Assy: =====

Part: - QOH: -
Price: - Length (FEET): -
Qty: - (Inches): -

Enter the Component Letter from the diagram above

The next prompt is “**Enter the Component Letter from the diagram above**”.

Assy No: 1012 HEATER HOSE 12" WITH ELBOW QTY: 1 Print:

Component List

Parts:
Labor:
Total Assy: =====

Part: A OCA 3790S HEATER HOSE 12"
Price: 24.00 /IN QOH: 48 UN: FT
Length (FEET): 1 (Inches): 12
Qty: -

Is Component Information Correct? (Y,N): Y

Type in the component letter for the part of the hose you are entering and press **ENTER**. In our example, I typed in the component letter A and then part number OCA3790S and press **ENTER**. The component letter A is always the hose because it will prompt you for feet or inches.

At the Part Number prompt in the Hose Builder program, the entry of part numbers has been improved to accept a variety of entries.

Partial Part Number Entry

Memphis Brake (2)

Assy No: NO 6 FOOT #8X2WIRE HOSE ASSY [2781-8] QTY:1 Print: N

Component List		
A	2781-8	72 38.16
B	4721-8-8S	1 10.97
C	190287-8S	1 19.13

Parts: 68.26
Labor: 16.00
Total Assy: 84.26 43.9%

Part: B 4721
Price: 10.97
Length (FEET):
Qty: 1

QOH: (Inches):

Diagram labels: D, B, A, C, E

At the Part Number prompt, now you can enter the part number in several ways. For example, by entering 4721 you will get the list of part numbers shown below. There are several other part number formats you can use.

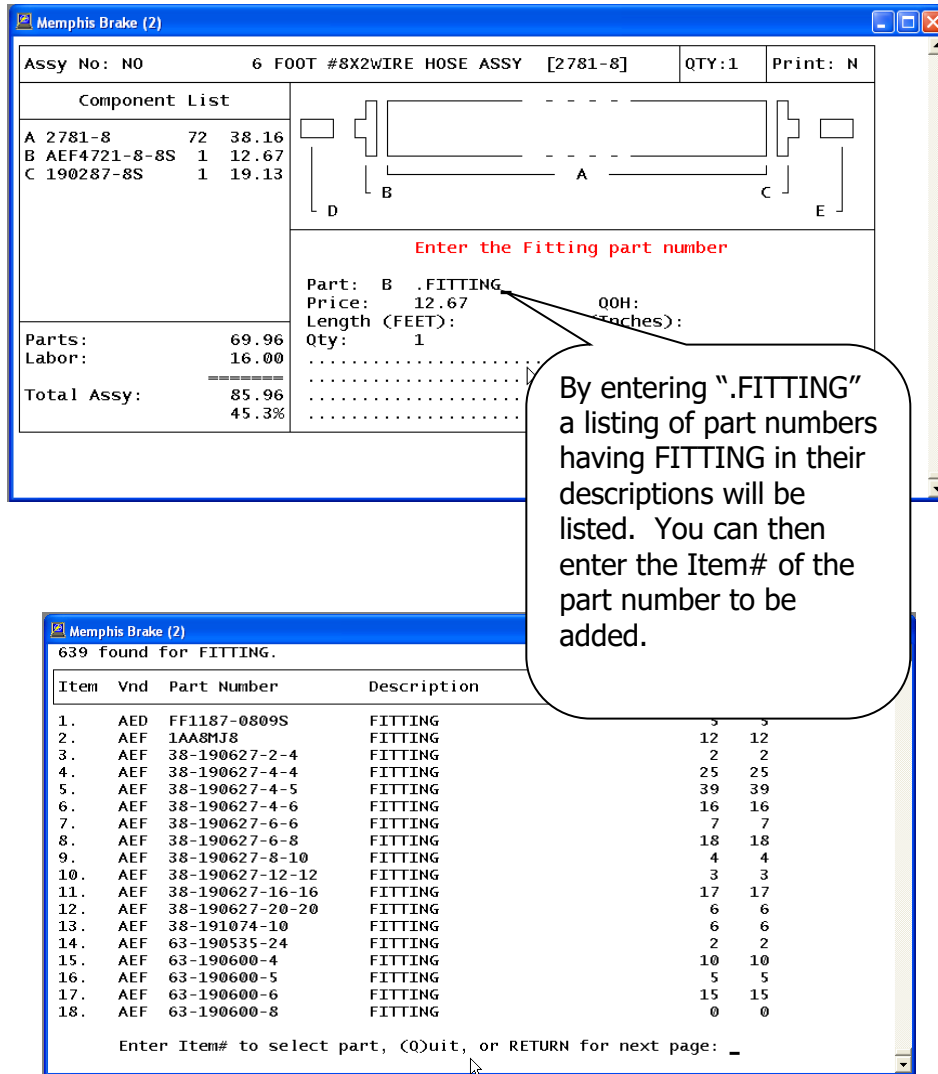
By entering 4721 at the part number prompt, this listing of AEF parts will be displayed. You may select a specific item#.

Vnd	Part Number	Description	QOH	AVL
1.	AEF 4721-10-8S	FITTING	13	13
2.	AEF 4721-10S	FITTING	7	7
3.	AEF 4721-12-10S	FITTING	1	1
4.	AEF 4721-12-8S	FITTING	0	0
5.	AEF 4721-12S	FITTING	10	10
6.	AEF 4721-14-12S	FITTING	3	3
7.	AEF 4721-16S	FITTING	8	8
8.	AEF 4721-20S	FITTING	0	0
9.	AEF 4721-24S	FITTING	0	0
10.	AEF 4721-4-4S	FITTING	4	4
11.	AEF 4721-5-4S	FITTING	1	1
12.	AEF 4721-6-4S	FITTING	10	10
13.	AEF 4721-6-6S	FITTING	41	41
14.	AEF 4721-8-6S	FITTING	3	3
15.	AEF 4721-8-8S	FITTING	8	8

End of list. Enter Item#, or RETURN: _

Dot-Search

Use the Dot-Search Method. Enter a dot (period) followed by any word of the part's description. Enter FITTING and the result is a listing of parts that have the work 'FITTING' in their descriptions.



Memphis Brake (2)

Assy No: N0 6 FOOT #8X2WIRE HOSE ASSY [2781-8] QTY:1 Print: N

Component List		
A	2781-8	72 38.16
B	AEF4721-8-8S	1 12.67
C	190287-8S	1 19.13

Enter the Fitting part number

Part: B .FITTING
 Price: 12.67
 Length (FEET):
 Qty: 1

Parts: 69.96
 Labor: 16.00
 Total Assy: 85.96
 45.3%

By entering ".FITTING" a listing of part numbers having FITTING in their descriptions will be listed. You can then enter the Item# of the part number to be added.

Memphis Brake (2)

639 found for FITTING.

Item	Vnd	Part Number	Description
1.	AED	FF1187-0809S	FITTING
2.	AEF	1AA8MJ8	FITTING
3.	AEF	38-190627-2-4	FITTING
4.	AEF	38-190627-4-4	FITTING
5.	AEF	38-190627-4-5	FITTING
6.	AEF	38-190627-4-6	FITTING
7.	AEF	38-190627-6-6	FITTING
8.	AEF	38-190627-6-8	FITTING
9.	AEF	38-190627-8-10	FITTING
10.	AEF	38-190627-12-12	FITTING
11.	AEF	38-190627-16-16	FITTING
12.	AEF	38-190627-20-20	FITTING
13.	AEF	38-191074-10	FITTING
14.	AEF	63-190535-24	FITTING
15.	AEF	63-190600-4	FITTING
16.	AEF	63-190600-5	FITTING
17.	AEF	63-190600-6	FITTING
18.	AEF	63-190600-8	FITTING

Enter Item# to select part, (Q)uit, or RETURN for next page: _

Other ways for searching for part numbers are shown below. At the Part Number prompt, you can enter:

AEF/ this will produce a list of all the parts in the AEF product line.

Memphis Brake (2)

Searching for in line AEF containing 542 items.

Item	Vnd	Part Number	Description	QOH	AVL
1.	AEF	1AA8MJ8	FITTING	12	12
2.	AEF	1F40104-06C	E-Z CLIP (STPD 150)	34	34
3.	AEF	1F40104-08C	E-Z CLIP	32	32
4.	AEF	1F40104-10C	E-Z CLIP (STPD 200)	18	18
5.	AEF	1F40104-12C	E-Z CLIP (STPD 245)	92	92
6.	AEF	1F40105-06C	CAGE (STPD 150)	62	62
7.	AEF	1F40105-08C	CAGE (STPD 175)	12	12
8.	AEF	1F40105-10C	CAGE (STPD 200)	6	6
9.	AEF	1F40105-12C	CAGE (STPD 245)	46	46
10.	AEF	1F40106-06	E-Z NIPPLE O-RING	86	86
11.	AEF	1F40106-08	E-Z NIPPLE O-RING	86	86
12.	AEF	1F40106-10	E-Z NIPPLE O-RING	61	61
13.	AEF	1F40106-12	E-Z NIPPLE O-RING	100	100
14.	AEF	38-190627-2-4	FITTING	2	2
15.	AEF	38-190627-4-4	FITTING	25	25
16.	AEF	38-190627-4-5	FITTING	39	39
17.	AEF	38-190627-4-6	FITTING	16	16
18.	AEF	38-190627-6-6	FITTING	7	7

Enter Item# to select part, (Q)uit, or RETURN for next page: _

AEF/190 this will produce a listing of AEF part numbers having **190** anywhere in the part#.

Memphis Brake (2)

Searching for 190 in line AEF containing 542 items.

Item	Vnd	Part Number	Description	QOH	AVL
1.	AEF	38-190627-2-4	FITTING	2	2
2.	AEF	38-190627-4-4	FITTING	25	25
3.	AEF	38-190627-4-5	FITTING	39	39
4.	AEF	38-190627-4-6	FITTING	16	16
5.	AEF	38-190627-6-6	FITTING	7	7
6.	AEF	38-190627-6-8	FITTING	18	18
7.	AEF	38-190627-8-10	FITTING	4	4
8.	AEF	38-190627-12-12	FITTING	3	3
9.	AEF	38-190627-16-16	FITTING	17	17
10.	AEF	38-190627-20-20	FITTING	6	6
11.	AEF	63-190535-24	FITTING	2	2
12.	AEF	63-190600-4	FITTING	10	10
13.	AEF	63-190600-5	FITTING	5	5
14.	AEF	63-190600-6	FITTING	15	15
15.	AEF	63-190600-8	FITTING	0	0
16.	AEF	63-190600-10	FITTING	5	5
17.	AEF	63-190600-12	FITTING	-5	-5
18.	AEF	63-190600-16	FITTING	2	2

Enter Item# to select part, (Q)uit, or RETURN for next page:

190627 this will produce a listing of part numbers having **190627** separated by a dash.

Memphis Brake (2)

Item	Vnd	Part Number	Description	QOH	AVL
1.	AEF	38-190627-12-12	FITTING	3	3
2.	AEF	38-190627-16-16	FITTING	17	17
3.	AEF	38-190627-2-4	FITTING	2	2
4.	AEF	38-190627-20-20	FITTING	6	6
5.	AEF	38-190627-4-4	FITTING	25	25
6.	AEF	38-190627-4-5	FITTING	39	39
7.	AEF	38-190627-4-6	FITTING	16	16
8.	AEF	38-190627-6-6	FITTING	7	7
9.	AEF	38-190627-6-8	FITTING	18	18
10.	AEF	38-190627-8-10	FITTING	4	4

End of list. Enter Item#, or RETURN:

38 this will produce a list of part numbers having **38** separated by a dash or any part number having just a **38** in the part number.

Memphis Brake (2)

Item	Vnd	Part Number	Description	QOH	AVL
1.	AEF	38-190627-12-12	FITTING	3	3
2.	AEF	38-190627-16-16	FITTING	17	17
3.	AEF	38-190627-2-4	FITTING	2	2
4.	AEF	38-190627-20-20	FITTING	6	6
5.	AEF	38-190627-4-4	FITTING	25	25
6.	AEF	38-190627-4-5	FITTING	39	39
7.	AEF	38-190627-4-6	FITTING	16	16
8.	AEF	38-190627-6-6	FITTING	7	7
9.	AEF	38-190627-6-8	FITTING	18	18
10.	AEF	38-190627-8-10	FITTING	4	4
11.	AEF	38-191074-10	FITTING	6	6
12.	AEF	38-191074-12	FIT. ***POR***		0
13.	BEW	3/8TUB	3/8" COPPER TUBING	30	30
14.	BEW	D38	ORG DISC PADS	NOF	
15.	BEW	MKD38	SMET DISC PADS	NOF	
16.	COM	115-38	NUT	6	6
17.	COM	211-38	ADAPTER	4	4
18.	COM	212-38	ADAPTER	7	7

Enter Item# to select part, (Q)uit, or RETURN for next page:

Your cursor will now be in the Price field. You will see at the bottom of your screen the customer pricing levels for the component.

Type in the price amount and press **ENTER**.

You will then be prompted to enter the length of the hose in feet that you are building. I typed in 12 and press **ENTER**. Then the QOH and Unit of measurement will display. You will see the conversion of feet to inches.

You will then be prompted to enter a component message. This is not required.

Press **ENTER**.

The next prompt is “Is component information correct? (Y/N)? Y

Press **ENTER** to default of Yes or Type in N and press **ENTER** to correct the component information.

Assy No: 1012 HEATER HOSE 12" WITH ELBOW QTY: 1 Print:	
Component List	
A 3790S	12 144.00
<div> <div> Part: - Price: Length (FEET): Qty: </div> <div> QOH: (Inches): </div> </div>	
Parts:	144.00
Labor:	0.00
Total Assy:	144.00 91.7%

Enter the Component Letter from the diagram above

The next prompt is “Enter the Component Letter from the diagram above.” Type in the next letter for the component and press **ENTER**. This is letter B it is not the hose part number it is a coupling or fitting.

Type in the price of this component and press **ENTER**.

Type in the Qty that is needed to build this hose and press **ENTER**.

Assy No: 1012 HEATER HOSE 12" WITH ELBOW QTY: 1 Print:	
Component List	
A 3790S	12 144.00
<div> <div> Part: B M0T BH310C 3" COUPLING Price: 2.13 Length (FEET): 3 Qty: 1 </div> <div> QOH: 10 (Inches): </div> </div>	
Parts:	144.00
Labor:	0.00
Total Assy:	144.00 91.7%

Enter the Component Letter from the diagram above

List=83.89 Dir=67.11 Stk.Dlr=0.00 Jobr=72.95

The next prompt will be to **enter a component message if desired**.

As the components are added in the Component List on the left of the screen, the components are listed with the qty and the total price.

After the last component has been added press **ENTER** to be prompted to enter the labor amount.

The labor amount may have a default pricing to display. You can override this amount or press **ENTER** on the default.

Assy No: 1012 HEATER HOSE 12" WITH ELBOW QTY: 1 Print:

Component List	
A 3790S	12 144.00

Part: B M0T BH31DC 3" COUPLING
 Price: 2.13 QOH: 10 UM: EA
 Length (FEET): QTY: 2

Parts:	144.00
Labor:	0.00
Total Assy:	144.00 91.7%

Is component information correct? (Y/N): Y

The next prompt is “Is component information correct? (Y/N): Y. Press **ENTER** if the component information is correct. Type in N and press **ENTER** if the component information is not correct and then type in the correct information.

Then start the process again of entering the next letter for the next component.

Press **ENTER**.

You will now be prompted to enter the labor. “Enter the Labor Amount for this Assembly.”

Assy No: 1012 HEATER HOSE 12" WITH ELBOW QTY: 1 Print:

Component List	
A 3790S	12 144.00
B BH31DC	2 13.26

Part: B M0T BH31DC 3" COUPLING
 Price: 2.13 QOH: 10 UM: EA
 Length (FEET): QTY: 2

Parts:	157.26
Labor:	3.00
Total Assy:	157.26 19.0%

Enter the Labor Amount for this Assembly

In our example there is a \$3.00 amount entered in this field. This is a default dollar amount that the AutoPower Programmer has hard coded. You can add to this amount.

Press **ENTER**.

Assy No: 1012 HEATER HOSE 12" WITH ELBOW QTY: 1 Print:

Component List		
A	3790S	12 144.00
B	BH310C	2 13.26

Part: _____ QOH: (Inches): _____
 Price: _____ length (FEET): _____
 Qty: _____

Parts:	157.26
Labor:	3.00
Total Assy:	160.26
	19.0%

Do you wish to update this assembly? (Y,N,E) _

The next prompt will be **“Do you wish to update this assembly?” (Y,N,E)**. Type in **N** to make changes to the components of this hose or type in **E** to exit out completely.

Type in **Y** and press **ENTER** to update this hose.

The message **“Hose Assembly updated to the work order”** will flash on your screen and disappear. You will be back at the beginning of the hose assembly screen. If you would like to build another hose, start the process over. If you have completed building the hoses for this work order, press **ENTER** to go back the work order.

08/26/05 Order Entry No: W1*443

Ship To: AUTOPOWER QA CUSTOMER #5 525 TECHNOLOGY PARK STE 109 LAKE MARY, FL 32746				Bill To: AUTOPOWER QA CUSTOMER #5 525 TECHNOLOGY PARK STE 109 LAKE MARY, FL 32746			
Terms: A - NET 10TH		TAXABLE		BACKORDERS OK		PO NO:	

ITM	Part Number	DPT	AVL	ORD	SHIP	B/O	Core	Price	Extension
2	-								

f1=HoldOrd f2=List f3=List% f4=Comment f5=Notes f6=VehSvc
 f7=Heading f8=Catalog f9=IntNote f10=WOREq f11=Prev# f12=Next#

Now that you are back at the work order, you can press the F2 function key to refresh your screen so that you can see line #1 where you added your hose.

08/26/05 Order Entry No: W1*443

Ship To: AUTOPOWER QA CUSTOMER #5 525 TECHNOLOGY PARK STE 109 LAKE MARY, FL 32746				Bill To: AUTOPOWER QA CUSTOMER #5 525 TECHNOLOGY PARK STE 109 LAKE MARY, FL 32746			
Terms: A - NET 10TH		TAXABLE		BACKORDERS OK		PO NO:	

ITM	Part Number	DPT	AVL	ORD	SHIP	B/O	Core	Price	Extension
1	HOS 1012			1	1		0.00	151.26	151.26
2	HOS _								

f1=HoldOrd f2=List f3=List% f4=Comment f5=Notes f6=VehSvc
 f7=Heading f8=Catalog f9=IntNote f10=WOREq f11=Prev# f12=Next#

All hose assemblies built and added to a work order will consist of the vendor code HOS.

If one of the components in the assembly has a core price in the inventory file maintenance it will also display on the line item.

AccuTerm 2K3 - [DEV2 CF6 (1)]

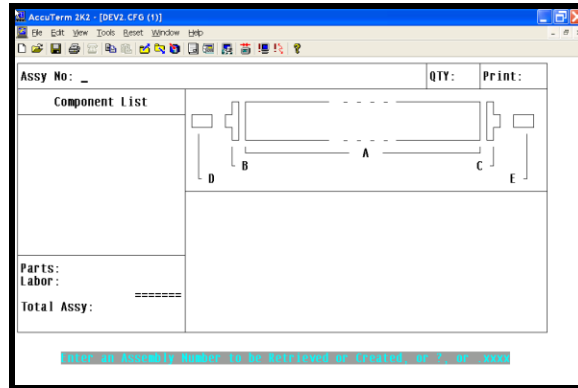
06/28/05 Order Entry No: W1*403

Ship To: AUTOPOWER QA CUSTOMER #5 525 TECHNOLOGY PARK 100 STE 109 LAKE MARY, FL 32746				Bill To: AUTOPOWER QA CUSTOMER #5 525 TECHNOLOGY PARK 100 STE 109 LAKE MARY, FL 32746					
Terms: A - NET 10TH		TAXABLE		BACKORDERS OK		PO NO:			
ITM	Part Number	DPT	AVL	ORD	SHR	B/O	Core	Price	Extension
1	HA_								

f1=HoldOrd f2=list f3=list% f4=Comment f5=Notes f6=VehSvc
f7=Heading f8=Catalog f9=IntNote f10=MOREQ f11=Prev# f12=Next#

How Do I add an existing Hose Assembly?

Type in HA in the part number field and press **ENTER**. The Hose Assembly screen will display as shown below.



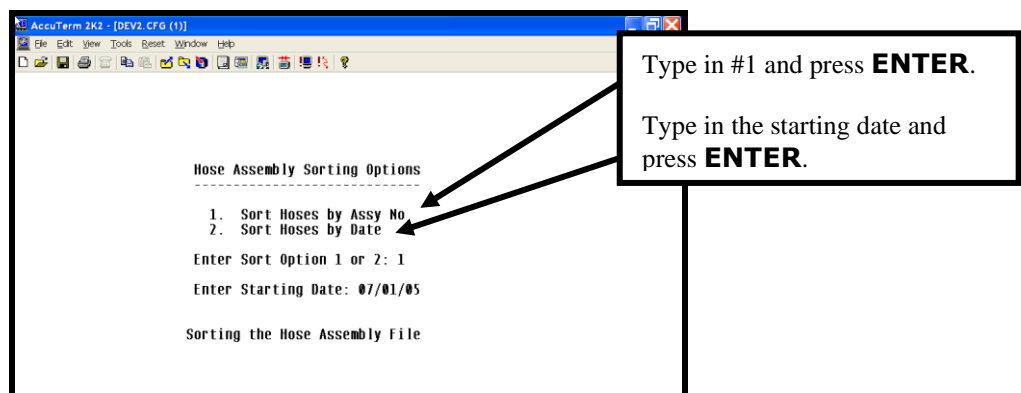
The next prompt to display is “**Enter an Assembly Number to be Retrieved or Created, or ?, or .xxxx.**”

You can type in an existing Assembly Number if you know it or type in the word “NEW” to create a new Hose Assembly. You can also type in a “?” to list all the existing Hose Assemblies. Also, there is a search feature if you do not know the Hose Assembly number. Type in a “.” followed by part of the Hose Assembly name.

Type in a “?” and press **ENTER**.

The screen below will display. The options are:

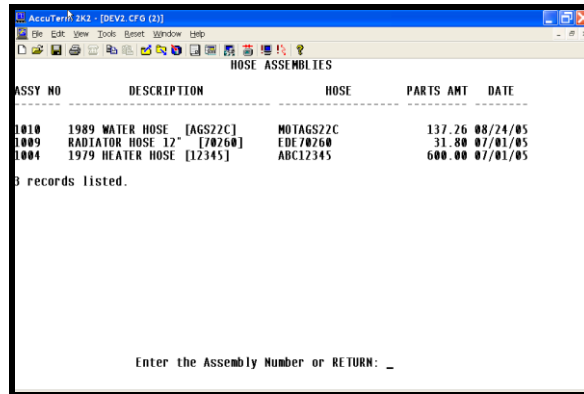
1. Sort Hoses by Assy No.
2. Sort Hoses by Date



The following screen will display with the Hose Assemblies that have been built in the past and are in history. In our example, I asked to sort the hoses by assembly number and I wanted to see

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all hoses that were built since 07/01/05. The results printed to the screen listing the hoses by assembly number as shown below.



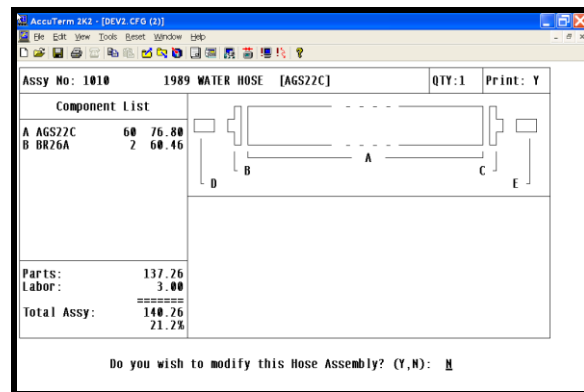
The screenshot shows a terminal window titled "AccuTerm 2K2 - [DEV1.CFG (1)]". The main display area is titled "HOSE ASSEMBLIES" and contains a table with the following data:

ASSY NO	DESCRIPTION	HOSE	PARTS AMT	DATE
1010	1989 WATER HOSE [AGS22C]	M0TAGS22C	137.26	08/24/05
1009	RADIATOR HOSE 12" [70260]	IDE70260	31.80	07/01/05
1004	1979 HEATER HOSE [12345]	ABC12345	600.00	07/01/05

Below the table, it says "3 records listed." At the bottom, there is a prompt: "Enter the Assembly Number or RETURN: _".

Type in the Assembly Number or Press **ENTER** to return to the Order Entry screen.

In our example, I will type in the #1010 and press **ENTER**.



The screenshot shows the same terminal window, but now displaying the details for assembly 1010. The top line shows "Assy No: 1010 1989 WATER HOSE [AGS22C] QTY:1 Print: Y". Below this is a "Component List" table:

Part	Qty	Unit Price	Total Price
A AGS22C	60	76.80	4608.00
B BR26A	2	60.46	120.92

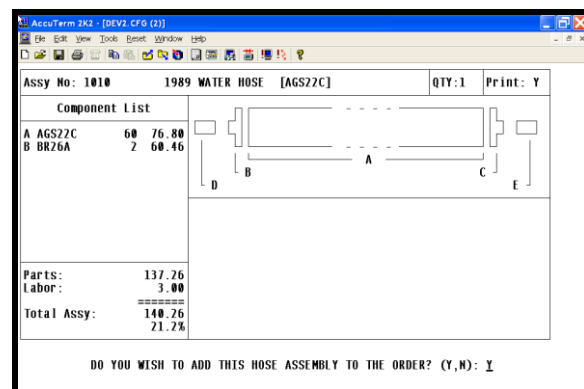
To the right of the table is a diagram of the hose assembly with labels A, B, C, D, and E. Below the table, the following costs are listed:

Parts:	137.26
Labor:	3.00
Total Assy:	140.26
	21.2%

At the bottom, there is a prompt: "Do you wish to modify this Hose Assembly? (Y,N): N".

The Hose Assembly will display to the screen.

The next prompt will be “Do you wish to modify the Hose Assembly?” (Y/N). The default is N. Press **ENTER**. If you need to make changes to the Hose Assembly that you are creating type in Y and press **ENTER**. Then make your changes.



This screenshot is identical to the previous one, showing the details for assembly 1010. However, the prompt at the bottom is now: "DO YOU WISH TO ADD THIS HOSE ASSEMBLY TO THE ORDER? (Y,N): Y".

The next prompt to display will be **“Do you wish to add this hose assembly to the order?” (Y/N)**. The default is **“Y”**, Press **ENTER**.

A quick message will flash, **“Hose Assembly has been updated to the work order”**. You will be back to the Assy No: field.

You can do another search and add another hose assembly or press **ENTER** to return to the Order Entry screen.

When you return to the order entry screen the line-item number will have increased by the number of different hose assemblies part numbers that you have added. In our example, I added 2 hoses. We will now be on line item # 3 of the order.

AccuTerm 2K3 - [DEV2.CFO (2)]

08/24/05 Order Entry No: W1*434

Ship To: AUTOPOWER QA CUSTOMER #5 525 TECHNOLOGY PARK 100 STE 109 LAKE MARY, FL 32746				Bill To: AUTOPOWER QA CUSTOMER #5 525 TECHNOLOGY PARK 100 STE 109 LAKE MARY, FL 32746					
Terms: A - NET 10TH		TAXABLE		BACKORDERS OK		PO NO:			
ITM	Part Number	DPT	AVL	ORD	SHP	B/O	Core	Price	Extension
3	-								

f1=HoldOrd f2=list f3=list% f4=Comment f5=Notes f6=VehSvc
f7=Heading f8=Catalog f9=IntNote f10=WOREq f11=Prev# f12=Next#

Press the function key **F2** to refresh your screen.

08/24/05 Order Entry No: W1*434

Ship To: AUTOPOWER QA CUSTOMER #5 525 TECHNOLOGY PARK 100 STE 109 LAKE MARY, FL 32746				Bill To: AUTOPOWER QA CUSTOMER #5 525 TECHNOLOGY PARK 100 STE 109 LAKE MARY, FL 32746					
Terms: A - NET 10TH		TAXABLE		BACKORDERS OK		PO NO:			
ITM	Part Number	DPT	AVL	ORD	SHP	B/O	Core	Price	Extension
1	HOS 1010			1	1		0.00	140.26	140.26
2	HOS 1004			1	1		0.00	603.00	603.00
3	HOS -								

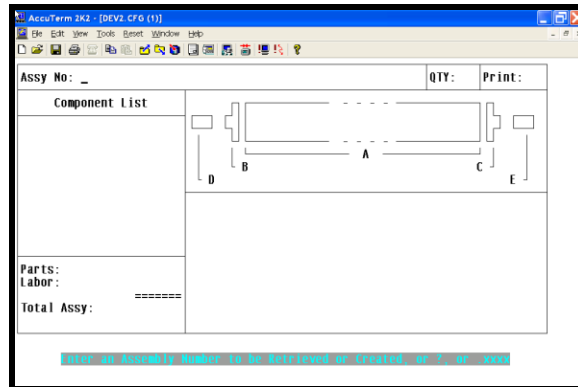
f1=HoldOrd f2=list f3=list% f4=Comment f5=Notes f6=VehSvc
f7=Heading f8=Catalog f9=IntNote f10=WOREq f11=Prev# f12=Next#

Your screen will reflect the hose assemblies that you just added in the Hose Assembly program.

You will now proceed with adding more line items or printing your picking ticket and invoicing.

How do I modify an existing hose assembly?

Type in HA in the part number field and press **ENTER**. The Hose Assembly screen will display as shown below.



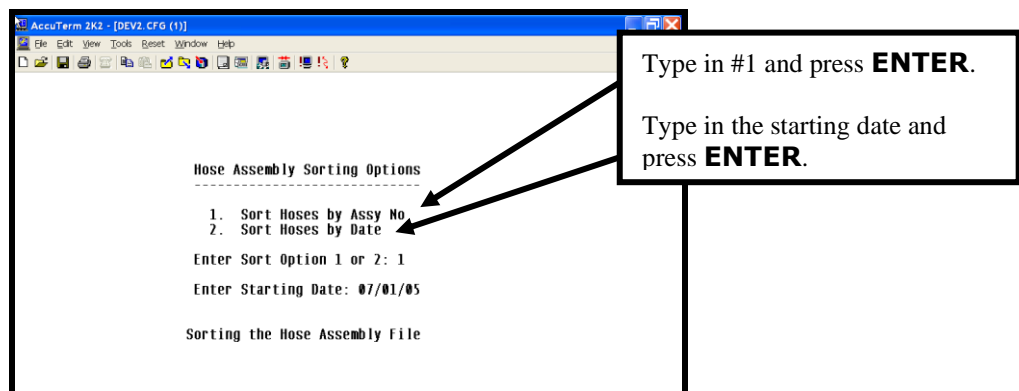
The next prompt to display is “**Enter an Assembly Number to be Retrieved or Created, or ?, or .xxxx.**”

You can type in an existing Assembly Number if you know it or type in the word “NEW” to create a new Hose Assembly. You can also type in a “?” to list all the existing Hose Assemblies. Also, there is a search feature if you do not know the Hose Assembly number. Type in a “.” followed by part of the Hose Assembly name.

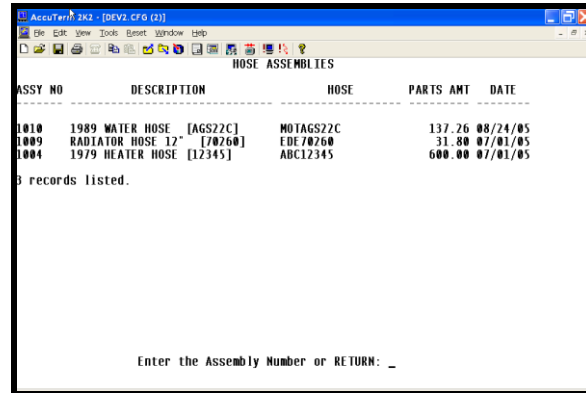
Type in a “?” and press **ENTER**.

The screen below will display. The options are:

3. Sort Hoses by Assy No.
4. Sort Hoses by Date



The following screen will display with the Hose Assemblies that have been built in the past and are in history. In our example, I asked to sort the hoses by assembly number and I wanted to see all hoses that were built since 07/01/05. The results printed to the screen listing the hoses by assembly number as shown below.



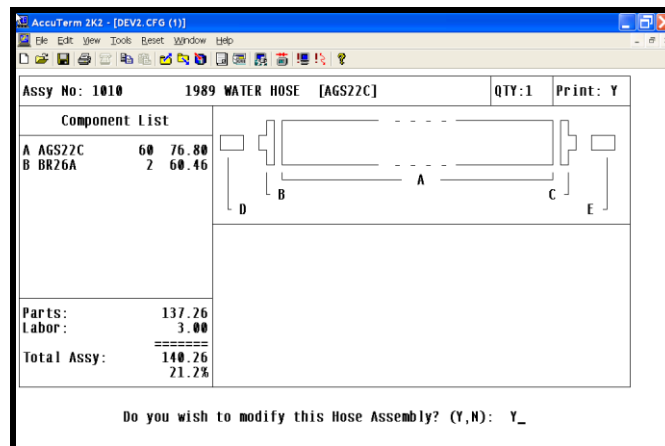
The screenshot shows a terminal window titled "AccuTerm 2K2 - [DEV2.CFG (12)]". The main display area is titled "HOSE ASSEMBLIES" and contains a table with the following data:

ASSY NO	DESCRIPTION	HOSE	PARTS AMT	DATE
1010	1989 WATER HOSE [AGS22C]	MOTAGS22C	137.26	08/24/05
1009	RADIATOR HOSE 12" [70260]	EDE70260	31.80	02/01/05
1004	1979 HEATER HOSE [12345]	ABC12345	600.00	07/01/05

Below the table, it says "3 records listed." At the bottom of the screen, there is a prompt: "Enter the Assembly Number or RETURN: _".

Type in the Assembly Number or Press **ENTER** to return to the Order Entry screen.

In our example, I will type in the #1010 and press **ENTER**.



The screenshot shows a terminal window titled "AccuTerm 2K2 - [DEV2.CFG (11)]". The main display area shows the details for assembly #1010:

Assy No: 1010 1989 WATER HOSE [AGS22C] QTY: 1 Print: Y

Component List		
A	AGS22C	60 76.80
B	BR26A	2 60.46

Below the component list, there is a diagram of the hose assembly with labels A, B, C, D, and E. Below the diagram, there is a summary of costs:

Parts:	137.26
Labor:	3.00
=====	
Total Assy:	140.26
	21.2%

At the bottom of the screen, there is a prompt: "Do you wish to modify this Hose Assembly? (Y,N): Y_".

The Hose Assembly will display to the screen.

The next prompt will be “**Do you wish to modify the Hose Assembly?**” (Y/N). The default is N. Press **ENTER**. Since we will be making changes to the Hose Assembly type in Y and press **ENTER**

You will be prompted to make changes to the description and quantity for the hose that is being built and if you would like the components to print on the invoice, Y/N.

In the existing hose assembly #1010, I would like to change component part #B. I will change this part number to be MOTBH29NF instead of the existing part number MOTBR26A. I recalled part “B” by typing in the component letter B in the Part field. I then typed in the new part number and quantity.

Assy No: 1010 1989 WATER HOSE [AGS22C] QTY: 1 Print:

Component List		
A AGS22C	60	76.80
B BR26A	2	60.46

Part: B M0T BH29NF ELBOW
 Price: 25.00 QOH: 10 UM: EA
 Length (FEET): (Inches):
 Qty: 2

Parts: 137.26
 Labor: 3.00
 Total Assy: 140.26
 21.2%

List=57.45 Dir=45.96 Stk.Dlr=0.00 Jobr=49.96

The next prompt will be **“Is this component information correct?”** (Y/N): Type in Y and press **ENTER**.

Is component information correct? (Y/N): Y

You will then be prompted to enter your next component. **“press ENTER”**
 The next prompt will be to enter the new Labor amount if any and then press **ENTER**.

Assy No: 1010 1989 WATER HOSE [AGS22C] QTY: 1 Print:

Component List		
A AGS22C	60	76.80
B BH29NF	2	50.00

Part: B M0T BH29NF ELBOW
 Price: 25.00 QOH: 10 UM: EA
 Length (FEET): (Inches):
 Qty: 2

Parts: 126.80
 Labor: 3.00
 Total Assy: 129.80
 -3.7%

Do you wish to update this assembly? (Y/N):



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If you wish to keep assembly #1010 because you only wanted to correct a wrong part number in the assembly and not assign a NEW assembly number “press **ENTER.**”

Assy No: 1010 1989 WATER HOSE [AGS22C] QTY: 1 Print:

Component List		
A	AGS22C	60 76.80
B	BH29NF	2 50.00

Part: Price: QOH:
Length (FEET): (Inches):
Qty:

Parts: 126.80
Labor: 3.00
Total Assy: 129.80 -3.7%

=====
All assemblies will now be in the inventory. OK? (Y,N) **Y**

The prompt “**This assembly will overwrite old version, OK? (Y,N):** Type in “Y” because we changed a component in assembly #1010 because we had the wrong component part number added.

You will now see “**Hose Assembly has been updated to the work order**”.

When the work order has been invoiced, the QOH will be reduced for the hose assembly number and also the components.

INVENTORY INQUIRY IN-NINQ

PART NUMBER: HOS1012 HEATER HOSE 12" WITH ELBOW [3790S]
List..... 151.26 Rep1/Avg Cost: 118.42/118.42
Dealer..... 151.26 Exp. Del. Date.:
Fleet..... 151.26 Supplr.:
Jobber..... 151.26 Bin Location.:
Core..... Codes..... UH: SPK.:
SetPak:

Item	TR	Date	Reference	QTY	Blnc	Cost	AvgCost	Comment
1.	SL	08-26-05	443	-1	0	118.42	118.42	Hose Assembly

Press ENTER, or (Q)uit: _

This is the hose part number.

This is the Assembly #HOS1012 that we created.

Hose Assembly How-To Workbook

AccuTerm 2K2 - [DEV2.CFG (1)]

INVENTORY INQUIRY IN-NINQ

PART NUMBER: OCA3790S HEATER HOSE 12"

List.....: 24.00 Repl/Avg Cost: 12.00/12.00

Dealer.....: 0.00 Exp. Del. Date.: Supplr: OCA

Fleet.....: 0.00 Superseded By: LK.....: 1

Jobber.....: 15.00 Bin Location.: SPK.....: 1

Core.....: Codes.....: NEW UM: FT SeIPak: 1

Itm	TR	Date	Reference	QTY	Blnc	Cost	AvgCost	Comment
1.	SL	08-26-05	443	-12	36	1.00	12.00	Hose Component
2.	SL	01-10-05	340	-2	48	160.90	160.90	Sold to 1002
3.	SA	05-19-04	2	50		160.90	160.90	(0) CORE TESTING

Press ENTER, or (Q)uit:

This is one of the components in the hose assembly.

AccuTerm 2K2 - [DEV2.CFG (1)]

INVENTORY INQUIRY IN-NINQ

PART NUMBER: MOTBH31DC 3" COUPLING

List.....: 83.89 Repl/Avg Cost: 53.21/53.21

Dealer.....: 67.11 Exp. Del. Date.: Supplr: 611

Fleet.....: 0.00 Superseded By: LK.....: MTB

Jobber.....: 72.95 Bin Location.: SPK.....: 1

Core.....: Codes.....: 1 BHG UM: EA SeIPak: 1

Itm	TR	Date	Reference	QTY	Blnc	Cost	AvgCost	Comment
1.	SL	08-26-05	443	-2	8	53.21	53.21	Hose Component
2.	OS	05-12-05	129	-40	10	53.21	53.21	
3.	SA	05-19-04	2	50		53.21	53.21	(0) CORE TESTING

Press ENTER, or (Q)uit: _

This is the other component in the hose assembly.

The Quantity on hand and Quantity available is not affected until the work order has been invoiced.

