







Service System Capabilities

- Identify products eligible for service and whether on contract
 - Interfaces to MDS Serial / Warranty Modules
 - Customer may assign their own tag numbers
- Work may be performed in-house or at customer site
- Record request for service and assignment to technician
- Prepare scheduled/open call list for each service technician
- Records work performed by technician
- Records parts used in the repair
 - Interface to MDS inventory replenishment and backorder management modules
- Generate billing to customer
- Inquiry into open and closed work orders

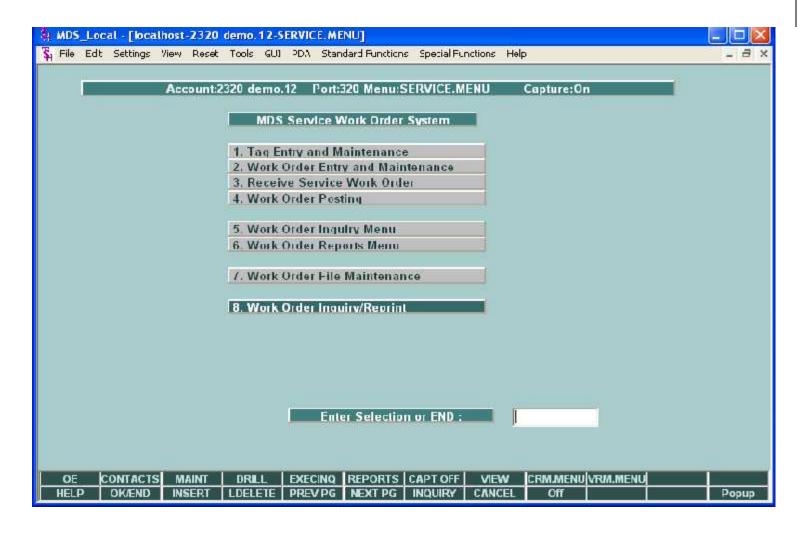






Service System Menu









🍇 MDS_Local - [localhost-2236 demo.12-SFRVICF, TAG.M.	NAVANESSE STORES		
\$ File Filit Sertings View Reset Trink GHI PDA Standard!	Foortions - Special Foortions	Helpi	_ A ×
Tag Number Entry and Maintenance Lag Number C12345			
1.lag l'retix	3.Item Number	TREXWD86	
2.Entry Date 06.05/06	Description	WHEELCHAIR,	MIDNIGHT BLUE
	4.Mtg Vendor	INVACARE	INVACARE
	5.Mfg Item#	TREXWD86	
	6.Serial#	12345	
	7.Warranty	N Exp Date	06/05/07
8.Customer UMC	9.Ship To#	INTERN	- 12
UNIVERSITY MEDICAL CENTER	UNIVERSITY MEDI		Country 000
ACCOUNTS PAYABI F/TRAVEI 400 BROADWAY AVE	3336 166TH STREE	2020	U.S.A.
NEW YORK CITY NY 10016-1460	NEW YORK	NY	10019
Phone 212-777-1111			
10.Sales Invoice# 01234679	13.Ship Date	05/30/06	
11.Invoice Date 05/30/06	14.Del Date	05/30/06	
12.Serv Contract Y			
ENTER LINE # TO CHANGE, DELETE TO DELETE, 0 TO A	CCEPI:	XXXXXX	
HELP OWEND INSERT LDELETE PREVING NE	KTPG INQUIRY CAN	CEL Off	Рорир

> This program is used to assign tag numbers to specific pieces of equipment.

Initial Equipment Entry (Tag)



MDS_Local - [localhost-2236 demo.12-SFRVICE.TAG.M. File File Settings View Reset Trink GH PDA Standard Tag Number Entry and Maintenance Lag Number	se the	entify products eligible for rvice – and whether or not ey have been placed on ntract.
2.Entry Date 06.05/06	Description	
•	4.Mfg Vendor 5.Mfg Item#	TREXWD86
	6.Serial#	12345
	7. Warranty	N Exp Date 06/05/07
THE STATE OF THE S	A CI . T	- Annual Control of the Control of t
8.Customer UMC. UNIVERSITY MEDICAL CENTER	9.Ship To#	MTERN Y MEDICAL CENTER Country 000
ACCOUNTS PAYADI F/TRAVEI Country	INTERNAL	
400 BROADWAY AVE	3336 166TH	
INVESTIGATION AND THE PROPERTY OF THE PROPERTY	0000 100111	VIII.E.I
NEW YORK CITY NY 10016-1460	NEW YORK	NY 10019
Phone 212-777-1111	The state of the s	
10.Sales Invoice# 01234670	13.Ship Date	05/30/06
11.Invoice Date 05/30/06	14.Del Date	05/30/06
12.Serv Contract Y		
ENTER LINE # TO CHANGE, DELETE TO DELETE, 0 TO A	CCEPT:	XXXXXX
IELP OK/END INSERT LDELETE PREV PG NE	KT PG INQUIRY	CANCEL Off Popup

> This program is used to assign tag numbers to specific pieces of equipment.





🍇 MDS_I ocal - [localhost-22]		3.3.3.4.3.3.3.2.2.2.2.2.2.2.2.2.2.2.2.2.		
💃 File. Fulit Settings View Res	sel Truls SHT PDA Stand	land Frontions Special Frontions	Нер	_ A ×
Service Work Order Entry	The property of the second control of the se	2722272272	Work Order or NEV	NE
1.Tag Humber	C12345	6.Mfg Vender		CARE
2. lag l'retix	06/04/06	/.Mig Item	TREXWD86	
3.Work Order Date		8.Serlal#	12345	nu au au al
4.Issued By 5.Item# TREXWD86	SY	9.Warranty	N Exp Date	06/05/07
CONTRACTOR OF THE PARTY OF THE		WHEELCHAIR, MIDNIGHT	INTERN	
10.4 million and the contract of the contract		11.Ship to	- 200 Maria 200 Maria	-
212.777.1111	CENTER	Section Description Committee	EDICAL CENTER	E CONTROL CONTROL
UNIVERSITY MEDICAL ACCOUNTS PAYABLE		INTERNAL MED 3336 166TH ST	3.00.00.00.00.00	Country 000
- National Control (1995) - 1995 - 19	/TRAVEI Country		5/3C=3/4/50	100
400 BROADWAY AVE	NY 10016-1460	NEW YORK	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Cond Condition
13. Sales Invoice#	01234670	20.Technician		Good Condit ZIN LYNCH
14.lovoice Date	05/30/06	20.1 echnician 21.Verified Ins	Date	06/10/06
15.Service Contract	A CONTRACTOR OF THE PARTY OF TH		7,080,0700	231505105-0111050-01
16.Limit	Y 250	22.Req Service Da 23.Date Delivered		
17.Customer PO#	2345	24.Ship Date	05/30/	
18.Estimate (Y/N)	Y	25.In House	N	000
27.Problem Description		26.RX Received	<u>P</u>	
Wheelchair is brand new.	Customer complains th	The second secon		
noise. Possibly defective	The second secon	ar it is makes a for or		
noise. I ossibly delective	1501 WILESIS			
ENTER LINE # TO CHANGE,I	DELETE TO DELETE A TO	ACCEPT -		
ENTER ENTER TO CHANGE,	DELETE TO DELETE, OT.			
PROD WARK UST WARE WO Prin	nt Ins Ver			
HELP OK/END INSERT		NEXT PG INQUIRY CANC	CL Off	Popup

> The Service Work Order Entry program records the initial request for service and allows assignment to a technician.





🐐 MDS_Local - [localhost-22	36 demo.12-WO.MAINTO	010\$1]	
💃 File. Fulit. Settings. View. Re	esel Truls SUI PDA Stan	ulant Functions - Special Functions - Hep	- ∩ ×
Service Work Order Entry 1.Tag Number 2. Lag Prefix 3.Work Order Date 4.Issued By 5.Item# TREXWD86 10.Customer UMC 212.777.1111 UNIVERSITY MEDICA ACCOUNTS PAYABI 400 BROADWAY AVE NEW YORK CITY 13.Sales Invoice# 14.Invoice Date 15.Service Contract	y and Maintenance C12345 C 06/04/06 SY AL CENTER F/TRAVEI Count	Mork Order or NFW 0 6.Mig Vender INVACARE INVACARE 7.Mig Item IREXWD86 8.Serial # 12345 9.Warranty N Exp Date 06/05/0/ WHEELCHAIR, MIDNIGHT BLUE 11.Ship to INTERN The work may be performed inhouse or at the customer's site. 20.Technician KPL KEVIN LYNCH 21.Verified Ins. Date 06/10/0	000
16.Limit 17.Customer PO# 18.Estimate (Y/N) 27.Problem Description Wheelchair is brand new noise. Possibly defective	250 2345 Y v. Customer complains the rear wheels ,DELETE TO DELETE,0 T	23.Date Delivered 05/30/06 24.ShIp Date 05/30/06 25.In House N 26.RX Received that it is makes a lot of	
HELP OKÆND INSER		NEXT PG INQUIRY CANCEL OFF	Popup

The Service Work Order Entry program records the initial request for service and allows assignment to a technician.

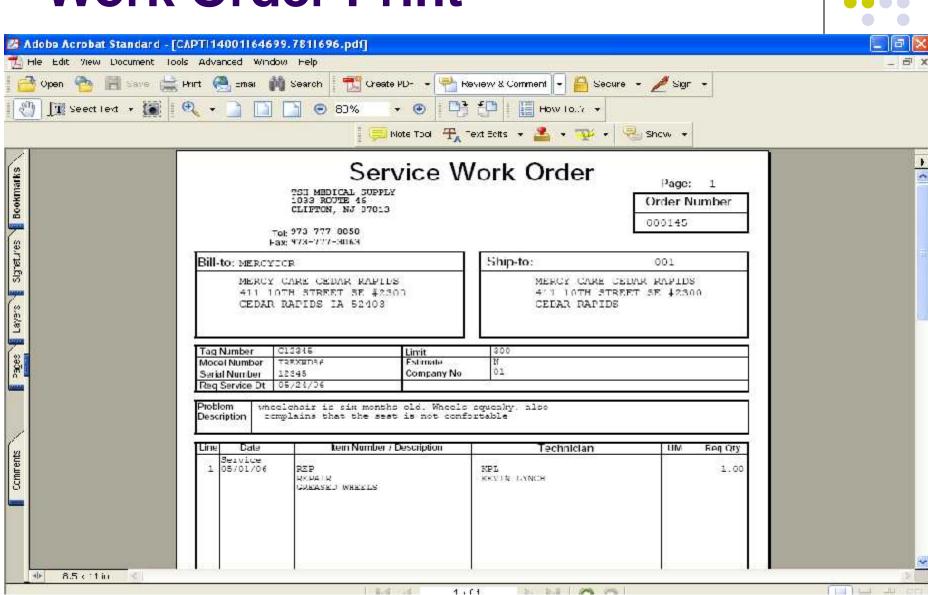




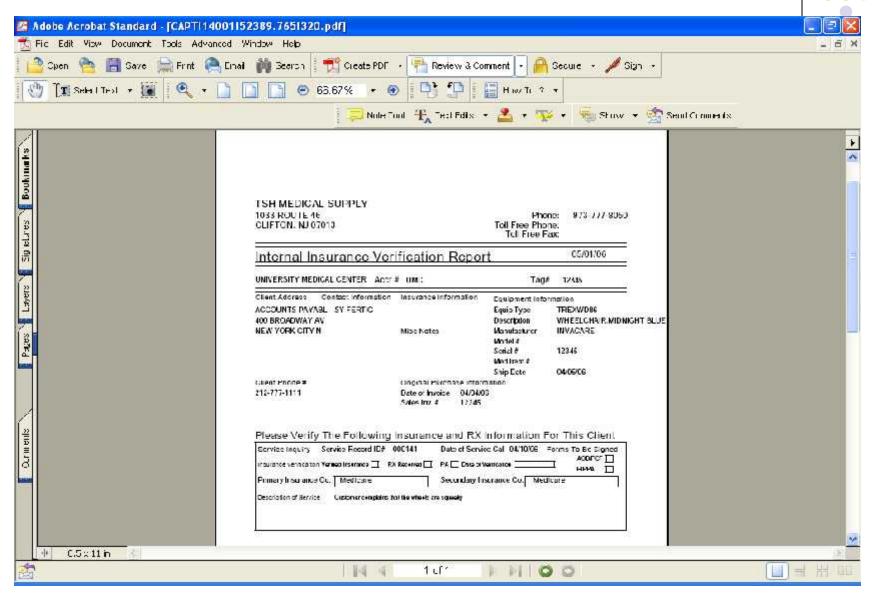
& MDS_Local [localhost 2236 demo.12 WO.RCPT0105		
ង្គ File Edit Settings View Reset Tools GUI PCA Standar	d Functions Special Functions Help	X
Service Work Order Receipts	WO: 000146	
Customer MERCYCCR MERCY CARE CEDAR RAPIDS	Ship To# MERCY CARE CEDAR RAPIDS	
	111 10TH STREET SE #2300	
411 10TH STREET SE #2300	111 101H STREET SE #2300	
CEDAR RAPIDS IA 52403	CEDAR RAPIDS IA 52403	
PO Number 34567	Serial Number 34567	
Model RSQUANTUM 1.Received By sf	9.Carton Damaged N	
2.Date 06/06/06	10.Concealed Damage	
3.Carrier 01 UPS	11.Damage Description	
4.Shipping Priority T	Carton was damaged unit seems	
5.Accessories	ok	
None		
	12.Claim Filed N	
6.Condition OK	13.Date of Claim 0.00	
7.Original Carton N	15.Covered	
8.Location A-102	16.Claim Number	
17.Cash Received 0.00	Check Number	
ENTER LINE # TO CHANGE, DELETE TO DELETE, 0 TO /	ACCEPT: XXXXXX	
HELP OKIEND INSERT LDBLETE PREVIPG N	EXT PG INQUIRY CANCEL Off	Popup

If the work is to be performed in-house, then the next step is to record the receipt of the equipment in-house. Otherwise, the next step is printing the work order, and the dispatching of a technician.

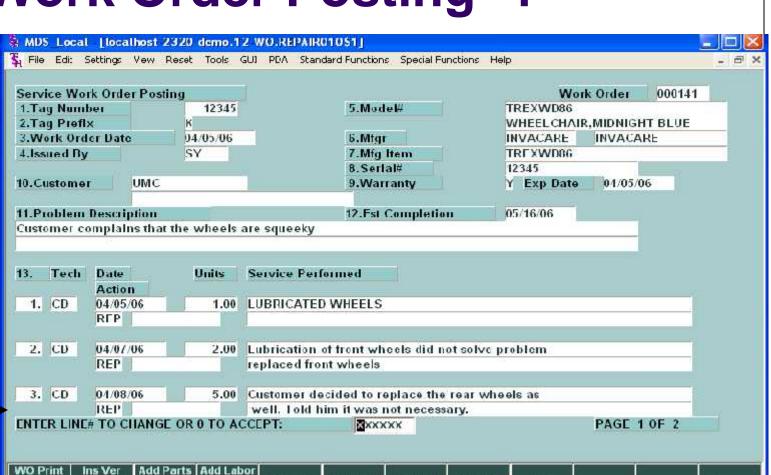




Insurance Verification







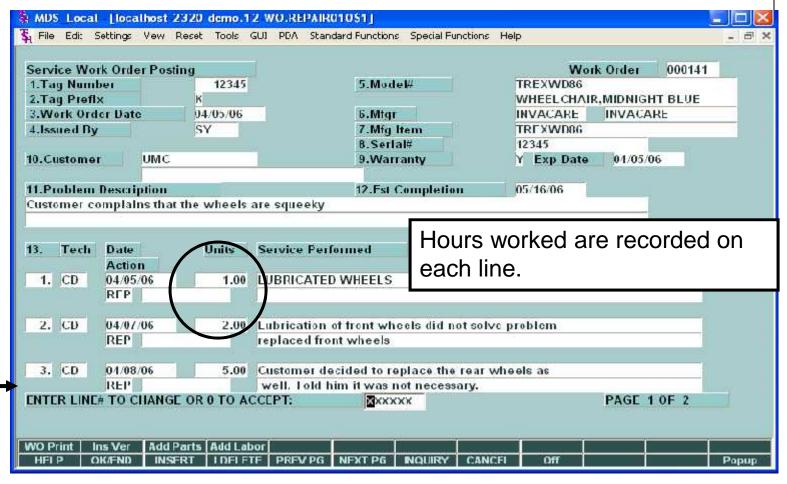
Work Order Posting is used to record the work performed on the equipment. Multiple entries are recorded for each action performed.

I DELETE PREVPG NEXT PG NQUIRY



Popup





Work Order Posting is used to record the work performed on the equipment. Multiple entries are recorded for each action performed.



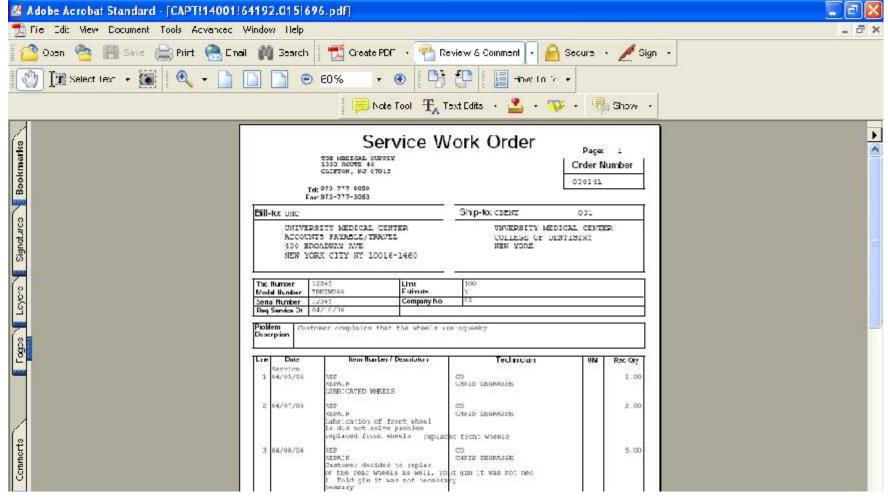




ervice Work Order Posting	g						Work Ord	ler 000141
1.Parts Used		Req		Used		Order		Price
Product		Avall		Fallu	re Code		Vendor	Value
1 REX-WHEEL-FRONT		2	ΕA	1	2/ EA	/ LA		45.000 EA
WHEEL CHAIR FRONT V	WHELLS	28		BR	PART PI	IYSICALLY	INVACARE	9.000
2 TREX-WHEEL-REAR		2/	EA		/ EA	77.00	21	150.000 / EA
TREX REAR WHEEL		2		NV	NOT API	PLICABLE	INVACARE	30.000
3		1			7	Z		/
DEED -								
5.Labor Units 5.Labor\$ per Unit 7.Date Completed	8.00 60.00					Total Labor		180.00 390.00
S.Labor\$ per Unit '.Date Completed B.Date Shipped	80.00 04/05/06					Total Parts Tax %	0.000	390.00
.Labor\$ per Unit '.Date Completed J.Date Shipped J.Tax Juris	80.00 04/05/06	VYORK TA	/X			Total Parts	0.000	
S.Labor\$ per Unit '.Date Completed B.Date Shipped D.Tax Juris D.Ship Via	80.00 04/05/06	V YORK TA	/X			Total Parts Tax % Taxable Ba	0.000 ise	390.00
S.Labor\$ per Unit J.Date Completed J.Date Shipped J.Tax Juris J.Ship Via J.Ship Zone	60.00 04/05/06 IAG NEW	VYORK TA	ΛX			Total Parts Tax % Taxable Ba	0.000 ise	0.00
.Labor\$ per Unit .Date Completed .Date Shipped .Tax Juris .Ship Via .Ship Zone .Treight Override	60.00 04/05/06 IAG NEW	/ YORK TA	ΛX			Total Parts Tax % Taxable Ba	0.000 ise	390.00
.Labor} per Unit .Date Completed .Date Shipped .Tax Juris .Ship Via	60.00 04/05/06 IAG NEW	VYORK TA	ΛX			Total Parts Tax % Taxable Ba	0.000 ise	0.00
.Labor\$ per Unit .Date Completed .Date Shipped .Tax Juris .Ship Via .Ship Zono .Treight Override	04/05/06 IAG NEW		ΛΧ			Total Parts Tax % Taxable Ba Lax Amour Freight Am	0.000 ise it ount	0.00 0.00 0.00
.Labor\$ per Unit .Date Completed .Date Shipped .Tax Juris .Ship Via .Ship Zono .Freight Override	04/05/06 IAG NEW 0.00 01	ŭ.				Total Parts Tax % Taxable Ba	0.000 ise it ount	0.00

> This screen is used to enter parts that were used, and provides a summary of the invoice charges. When completed, invoicing is triggered.

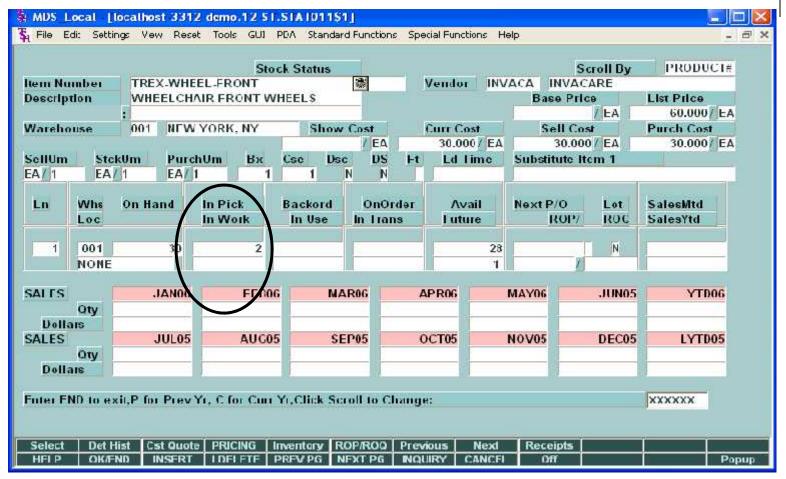
Work Order Print - Complete



This is an example of a work order with multiple events.

Inventory Requirement





Since the item was available, it shows the quantity required, as "in pick".





				Stock	Status				Scroll By	PRODUCT	77.
tem Nu	mber	100000000000000000000000000000000000000	HFFI -RFA		cer cer	Ven	dor INV	A STATE OF THE PARTY OF THE PAR	CARE		
Descrip	lon	TREX R	EAR WHEE	L				Base Pr		List Price	
		E			and the same of th				/ EA	200.000 / E	٨
Warcho	use	001 N	EW YORK,	NY	Show Cost		Cost	Sell C	The second secon	Purch Cost	
				V 0	The second secon	100 March 1997	.000 EA		00 / EA	100.000 E	A
Selllim			ırchUm	Bx C	100		d Time	Substitute	Irem 1		ALT:
EA ///1	EA	1 EA	1 1	1	1 N	N		Ĭ	-		
Ln	Whs Loc	On Hand	In Pic	33	ackord On In Use In Ti		Avall uture	Next P/O ROP	Lot ROC	SalesMtd SalesYtd	
10 m	7 4 7	7	1000		4		- 1	10	He way	7	
1	001				2		2		N	20	
	NONE	- 1					1				
SALLS		JAN	nue I	FLB06	MAROG	APRO	47	MAY06	JUN05	YIDOG	
SALLS	Oty	JAN	06	PLDGG	MAROO	AFRO	6	WATOO	JUNUS	11006	
Dolla	Contract of the Contract of th										
SALES		JUL	05	AUG05	SEP05	осто	5	NOV05	DEC05	LYTD05	
SALLS	Utv	302	0.5	40005	321.03	ocit	- 1	140 005	DECOS	211003	
Dolla	C. Carlotte and Co.		-				-15				
-Fielder	Memile .		100	110			JUST .	Just.	-	W	
Lnter LI	ID to ex	cit.P for Pr	ev Yr. C to	r Curr Yr.	Click Scroll to	Change:				XXXXXX	
										1	
Select	Det F	list Cst G	ote PRICI	ING I IIIVE	entory ROP/RO	a Previous	Next	Receipts	1		
HELP	OK/F	ND INSE	RT IDEL	ETE DE	FV PG NEXT P	G NOUIRY	CANCEL	orr	9 9		op.

Since the item was not available, it shows the quantity required, as "backordered".

Backorder Requirement - 2



		The second second second	calhost 3312			Control of the contro						×
4	l File	Edi: Setting	gs Vew Rese	t loois GUI	PUA SE	tandard Funct	ons Special Fi	inctions Help			- 0	a ×
	Item	Number	W	hse 001 S	il Sk	On Hand	On P/O	InPick	On B/O	Avail	Future	
		WHEEL	golf Control		A LA				45 5			
î	Name of the last o	wow.no.eway.com.com			AEA	, ,			<u>n</u> 2	-4)		
	Serv	ice Orders	with Back 0	orders								
	Ln#	Order#	Ord Date	OpenOty	Due D	ate Cu	stomer#	Tag N	umber	Price		
	1 2	000141	04/05/06	2	05/16/	06 UN	C	12345			150.000	
	3									7		
ì		8	HO =					- 101		.03		
ı												
ı												
I	NTER	<return< td=""><td>> TO CONTI</td><td>NUE ;</td><td>XXXXX</td><td>×</td><td></td><td></td><td></td><td>PAGE 2 0</td><td>F 2</td><td></td></return<>	> TO CONTI	NUE ;	XXXXX	×				PAGE 2 0	F 2	
			e:			-01						
5	TK ST		NO DET ORDE D INSERT	F DET PO	Rec His			CANCEL	Off		Рорг	up
_			CONSTRUCTION OF								n with the	

> The new Service Inquiry, off the Inventory Inquiry, displays the Work Orders awaiting the backordered product.





MDS_Local_[localhost 2320_dcmo.12_WO.INQ.MENU]	
File Edi: Settings Vew Reset Tools GUI PDA Standard Functions Special Functions Help	- a x
	-
Account:2320 demo.12 Port:320 Menu:WO.INQ.MENU Capture:On	
Work Order Inquiry Menu	
1. Work Order Inquiry by Customer	
2. Detail Open Work Order Inquiry	
Enter Selection or END :	
OF CONTROLS MAINT DOWN FORCES OF DEPOTE CART OF A STATE	
OE CONTACTS MAINT DRILL EXECING REPORTS CAPT OFF VIEW CRM.MENU VRM.MENU HELP OKÆND INSERT LIDELETE PREVING NEXTING INQUIRY CANCEL OFF	Popup
THE DISCRET THEFTE PROVED REALFU MIGHT CANCEL ON	Batintily

The Service module has a summary and detail inquiry to assist in researching a Work Order.

Service Work Orders by Customer



uston ompa amc ddres ddres ity	ny s 1	ACC 400 E	TSH MEDI ZERSITY M OUNTS PA BROADWA YORK CI	IEDICAL AYABI F AY AVE	PPLY CENTER	Co. Sal	istomer one# infact lesman	SY F	777-11 FRTIG	ì	TIG
n#	WO#		Product			Date	Tag l	Number	Tech	s	Schedule
1 2 3 4		000141	WHEELC		IDNIGHT BLU	E 04/05/00	1234!	5	GS		05/16/06

> This inquiry displays all Work Orders for a customer – showing the product on each Work Order. As in other MDS Inquiries, you can drill down to see the detail inquiries that are provided.



Service Work Order Detail -1

Detailed Service Work Ord Tag Number Lag Pretix Work Order Date	12345 K	Item#	TREXWD86	000141
Lag Pretix	K	100000	A STATE OF THE STA	
AND THE RESERVE OF THE PARTY OF			WHEEL CHAIR, MIDNIG	HI BLUE
	04/05/06	Mfgr	INVACARE INVACAR	15 5 (4) 1 4 5 (4 5) 4 5 (4 5) 4 5 (4 5) 4 5 (4 5) 4 5 (4 5) 4 5 (4 5) 4 5 (4 5) 4 5 (4 5) 4 5 (4 5)
Issued By	SY	Mtg Item	TREXWD86	
		Serial #	12345	
Customer UMC	4	Warranty	Y Exp Date 04/0	5/06
212-777-1111		Ship To	CDENT	
UNIVERSITY MEDICAL	CENTER	UNVERSITY	MEDICAL CENTER	
ACCOUNTS PAYABLE/	TRAVEI Country	COLLEGE O	F DENTISTRY	Country 000
400 BROADWAY AVE		5-0-700-000-000-000	Charles Charles and	
NEW YORK CITY	NY 10016-1460	NEW YORK	NY 10019-14	
Sales Involce#	12345	Technician	GS GEC	ORGE SAER
Invoice Date	04/04/06	Verified Ins	Date	
Service Contract	Υ	Req Service Da		
Limit	100	Date Delivered		<u>- 19</u>
Customer PO#	12345	Ship Date	04/05/06	
Estimate (Y/N)	Υ	In House	n	
Problem Description		RX Received		721
Customer complains that t	he wheels are squeeky			

In this Inquiry, the Work Order details are provided.





🦄 MDS_Local - [localhos	st-2236 demo.13	2-DET.SWO.DETAILS012\$1]		
💃 File Edit Settings View	w Reset Tools 13	UI PCIA Standard Functions Special	Functions Help	_ fi ×
Service Work Order P	osting Details In	The state of the s	Work Order : 000141	
Tag Number	12345	Model#	TREXWD86	
Tag Prefix	K		WHEEL CHAIR, MIDNIGHT BLU	IF.
Work Order Date	04/05/06	Mfgr	INVACARE INVACARE	2.5
Issued By	SY	Mfg Item	TRFXWD86	
		Serial#	12345	
Customer UM	IC.	Warranty	Y Exp Date 04/05/06	
1,-				
Problem Description		Est Completion	05/16/06	
Customer complains the	hat the wheels a	1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		
iii				
Tech Date	Units	Service Performed		
Action	MARKET I	Total Control of Total Control of		
1. CD 04/05/06	1.00	LUBRICATED WHEELS		
REP	1.00	1 1111111111111111111111111111111111111		_
N.L.) (_
2. CD 04/07/06	2.00	Lubrication of front wheels did	natashus nyahlam	7
2. CD 04/07/08 RCP	2.00	Lubrication of front wheels and	not solve propiem	-
RIF				_
				_
3. CD 04/08/06	5.00	Customer decided to replace th	ie rear wheels as wel	
REP				. 7
PRESS < END > TO EXI	I, NEXT PG FOR	PARTS AND TOTALS:	EXXXXXX PAGE 1 OF 2	
<u> </u>		10 10 100		
WO Print Ins Ver				
HELP OK/END II	NSERT LDELET	e Previpg Nextipg Inquira	CANCEL Off	Popup

The second page of the Inquiry shows the work performed.

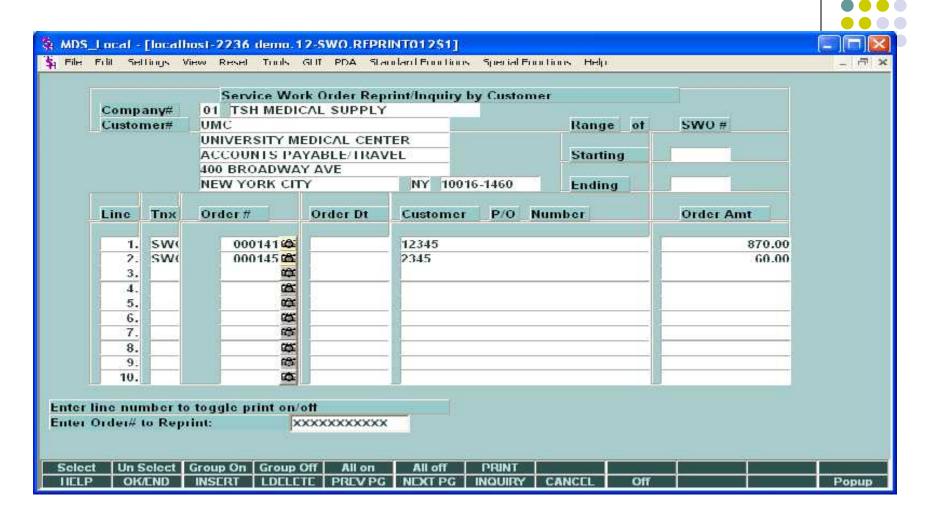




MDS Local - [localhost-2236 demo.12-DET.SWO.DETAILS01252]						
Hile Edit Settings View Reset Tools GUI PLIA Standard Functions Special Functions Help						_ @ ×
Service Work Order Posting Details						
Parts Used	Req	1,000	and an extended	Order		Price
Product	Avail		ilure Code		Vendor	Value
1 TREX-WHEEL-FRONT	Annual Control of Cont	ĿΑ	2/ EA	// LA	1 1	45.000 / EA
WHEELCHAIR FRONT WHEELS	28	BI		IYSICALLY	INVACARE	9.000
2 TREX-WHEEL-REAR		EA	/ CA	2/CA	50	150.000 / EA
TREX REAR WHEEL	2-	N/	NOT APP	PLICABLE	INVACARE	30.000
3	Z)		_ X	V		Z Z
Labor Units 8.00						
Labor\$ per Unit 60.00				Total Labor		480.00
Date Completed				Total Parts 390,00		
Date Shipped 04/05/06					0.000	
Tax Juris IAG NEW YORK TAX				Taxable Base 0.00		
Ship Via						
Ship Zone Tax Am					t I	0.00
Freight Override 0.00				Freight Amount 0.00		
Lerms Code 01				12 %		-
The state of the s						
Work Order Lotal 870.00						
PRESS < END > TO EXIT, PREV PG FOR LABOR DETAILS: XXXXXXX PAGE 2 OF 2						
WO Print Ins Ver						
HELP OKÆND INSERT LIDELETE P	RFV PG N	FXT PG	INQUIRY	CANCEL	on	Рорир

> The third page of the Inquiry displays the parts used, as well as the Work Order total.

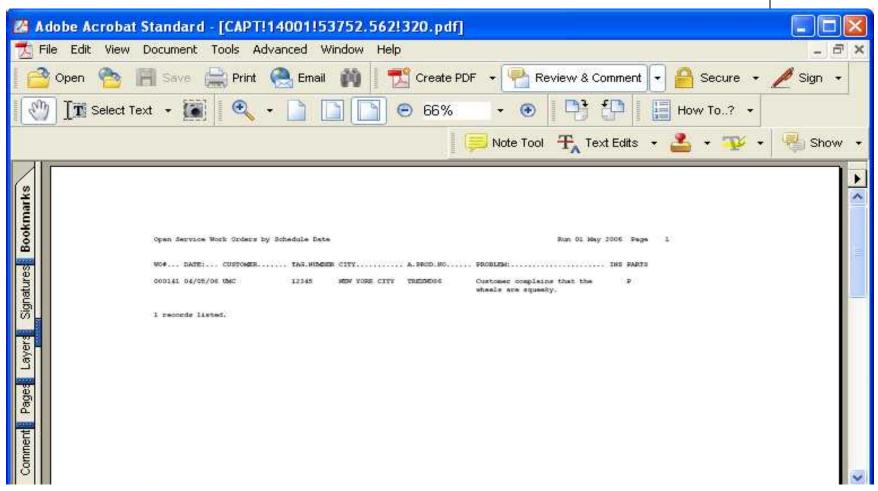
Work Order Reprint



Displays all open and closed Work Orders for a customer. Allows operator to view, print, fax or e-mail the Work Order.

Service Work Orders By Date

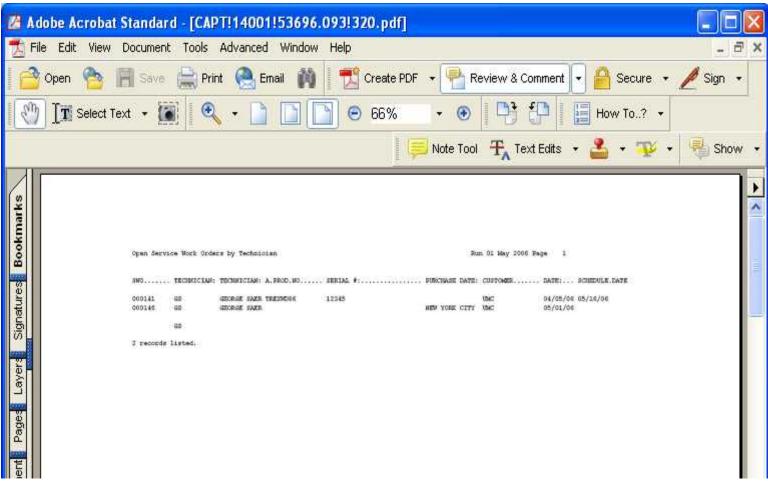




An example of the Open Service Work Orders by Schedule report.

Service Work Orders By Technician





An example of the Open Service Work Orders by Technician report.

