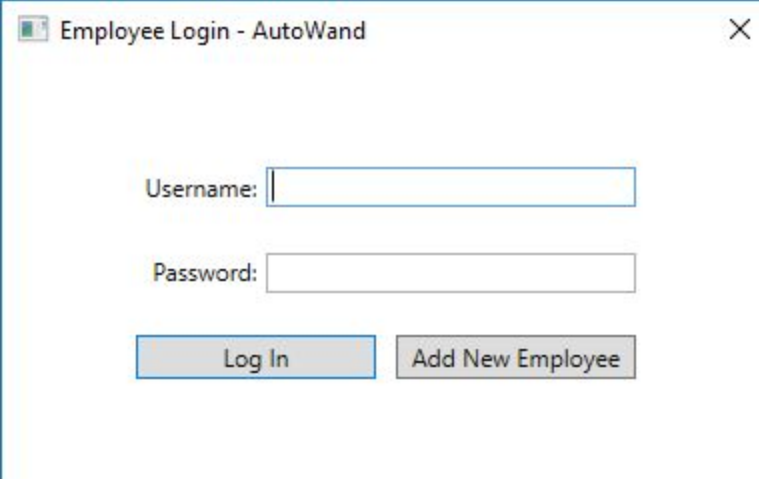


# AutoWand User Manual

## Overview

AutoWand is a desktop application designed to facilitate transactions at auto repair shops. Businesses can create accounts for employees, keep a database of customers and offered services, and create invoices for customers. In this manual we will cover all of Autowand's functionality, step by step.

## Employee Login



The screenshot shows a standard Windows-style dialog box titled "Employee Login - AutoWand". Inside the dialog, there are two text input fields. The first is labeled "Username:" and the second is labeled "Password:". Below these fields, there are two buttons: "Log In" and "Add New Employee". The "Log In" button is highlighted with a blue border, while the "Add New Employee" button has a grey border.

*Employee Login window*

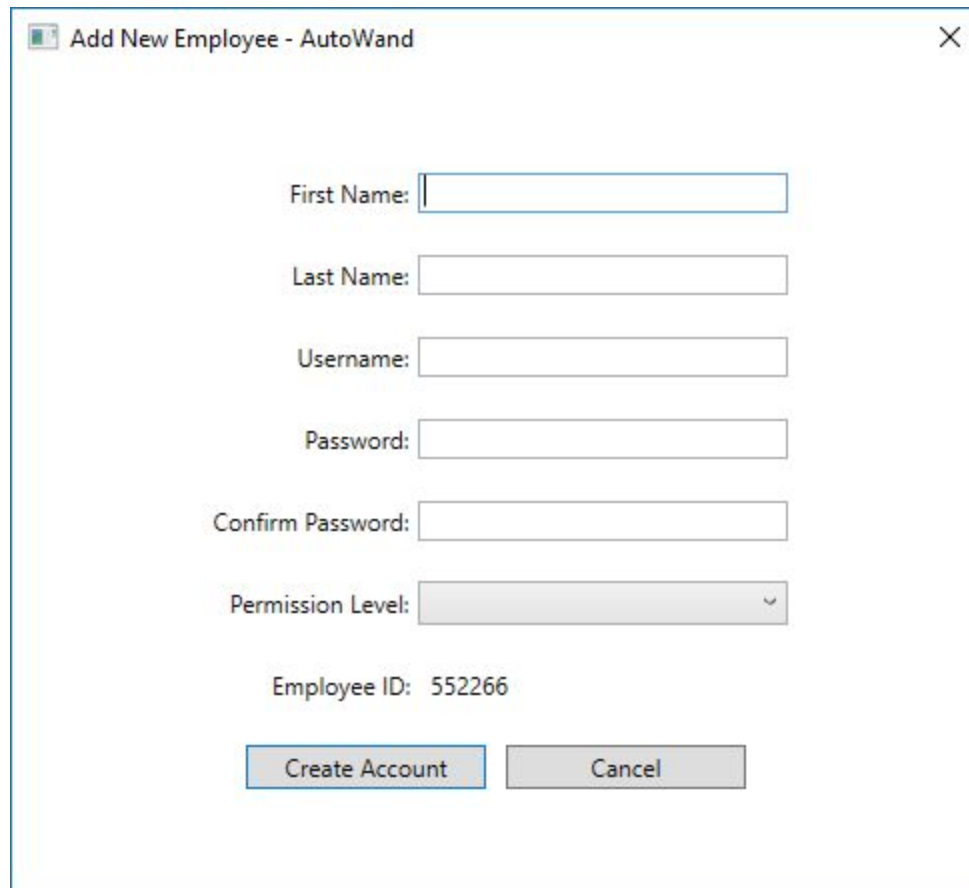
Employees can log in to the application or add a new employee account. Adding a new employee requires entering credentials of a account with Administrator or Manager permissions.

Use the username **admin** with password **1** to create initial accounts.

## Add New Employee

Adding a new employee is straightforward. Users must enter the new employee's first and last name, a custom username and password, and choose an appropriate permission level (Administrator, Manager, or Associate). Users with Associate permissions cannot add new accounts, and users with Manager permissions can only create users with

A randomly generated Employee ID is also automatically created for each account.



The screenshot shows a window titled "Add New Employee - AutoWand". It contains the following fields and controls:

- First Name:
- Last Name:
- Username:
- Password:
- Confirm Password:
- Permission Level:
- Employee ID: 552266
- Buttons: "Create Account" and "Cancel"

*Add New Employee window*

## Customer Lookup

After logging in, Users can search for any customer that has an account, or create an account for new customers. Customers have the option of providing either their first and last name, their email, or phone number to help locate them in the system. Once a customer is found, the User should select the correct entry in the list and click the *Select Customer* button to proceed. From this window, users can also edit a selected customer's database entry, or edit their own account information by navigating to File > Edit Account Information.

Customer Lookup - AutoWand

File

First Name  Last Name

Email

Phone Number

Jeff	Goldblum	jgoldbum@hotmail.com	1241325413
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*Customer Lookup window*

## Add New Customer

Add New Customer - AutoWand

First Name  Last Name

Street and House #  City  State  Zipcode

Phone #

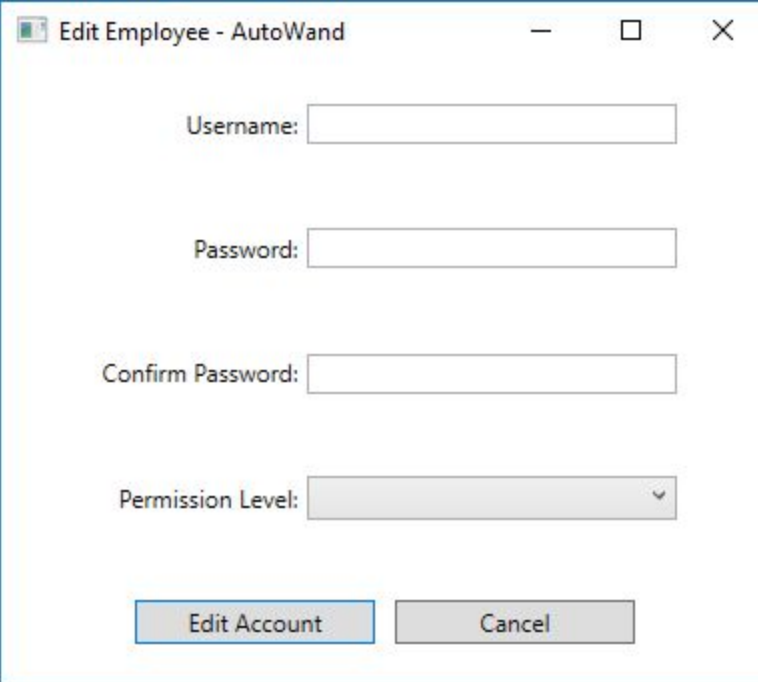
Email Address

*Add New Customer window*

Adding a new customer is simple. They must provide their first and last name, home address, phone number, and an email address. Every field is required to create an account.

## Edit Account Information

To edit their account information, users must re-enter their account information as if they were creating a new account.



*Edit Account Information window*

## Edit Customer Information

When a customer has a change of address or phone number, their database entry will need to be updated. This can be done by re-entering all of the customer's information.



*Edit Customer Information window*

## Cart

The screenshot shows the 'Cart - AutoWand' window. At the top, it displays customer information: 'Customer: Jeff Goldblum'. Below this are input fields for 'Year: 2009', 'Make: Ford', 'Model: Bronco', and 'Trim (optional):'. A 'Clear Fields' button is to the right. The window is divided into two main panes: 'Services' on the left and 'Cart' on the right. The 'Services' pane lists various services with their parts and labor costs, and a 'Total' for each. The 'Cart' pane shows the services added to the cart, also with parts and labor costs, and a 'Total'. A 'Remove from Cart' button is visible over the 'Tire Service' entry in the cart. At the bottom right, a summary section shows 'Item Total: 140.00', 'Tax: 9.80', and 'Total: 149.80'. 'Continue' and 'Cancel' buttons are at the bottom.

Services		
Engine Oil Change - REG	Parts	20.00
	Labor	20.00
	<b>Total</b>	<b>40.00</b>
Engine Oil Change - SYN	Parts	60.00
	Labor	20.00
	<b>Total</b>	<b>80.00</b>
Transmission Oil Change	Parts	60.00
	Labor	50.00
	<b>Total</b>	<b>110.00</b>
Alignment	Parts	0.00
	Labor	100.00
	<b>Total</b>	<b>100.00</b>
Tire Service	Parts	0.00
	Labor	100.00
	<b>Total</b>	<b>100.00</b>
Tire Replacement	Parts	800.00
	Labor	50.00
	<b>Total</b>	<b>850.00</b>
Cabin Air Filter Repl	Parts	20.00

Cart		
Engine Oil Change - REG	Parts	20.00
	Labor	20.00
	<b>Total</b>	<b>40.00</b>
Tire Service	Parts	0.00
	Labor	100.00
	<b>Total</b>	<b>100.00</b>

Item Total: 140.00  
Tax: 9.80  
**Total: 149.80**

Cart window

In the Cart window, Users must enter the customer's vehicle information to ensure compatible parts are selected.

Offered services are listed in the Services pane on the left of the window. Users can add a service to the customers car either by selecting the service from the list and clicking the *Add to Cart* button in the center of the screen, or by right-clicking a service and clicking the *Add to Cart* button in the popup menu.

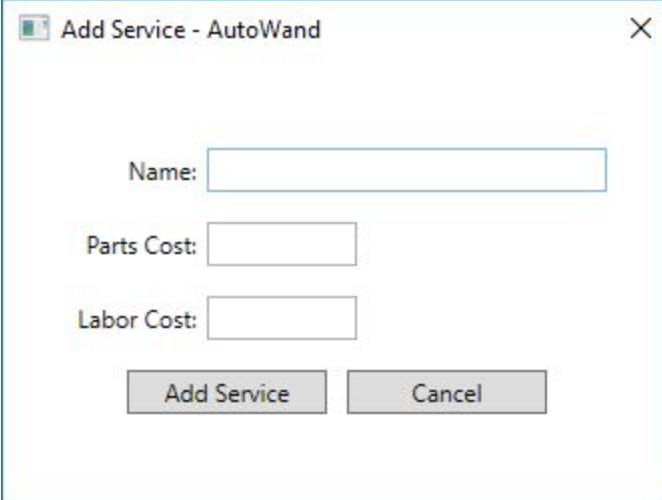
Users can similarly remove services from the customer's cart in the Cart pane by selecting the service and clicking the *Remove from Cart* button in the center of the screen, or by right-clicking the service and clicking the *Remove from Cart* button in the popup menu.

Once the appropriate services are added to the customer's cart and their vehicle information entered, the User can proceed to confirm the order.

Users can also add a new service from the Cart window by navigating to File > Add Service.

## Add Service

To add a new service, users must enter in a name for the service which is 25 characters or less, as well as dollar amounts for the parts and labor costs. Upon clicking the “Add Service” button, the service will be written to the database and the Cart window will automatically update to reflect the new addition.

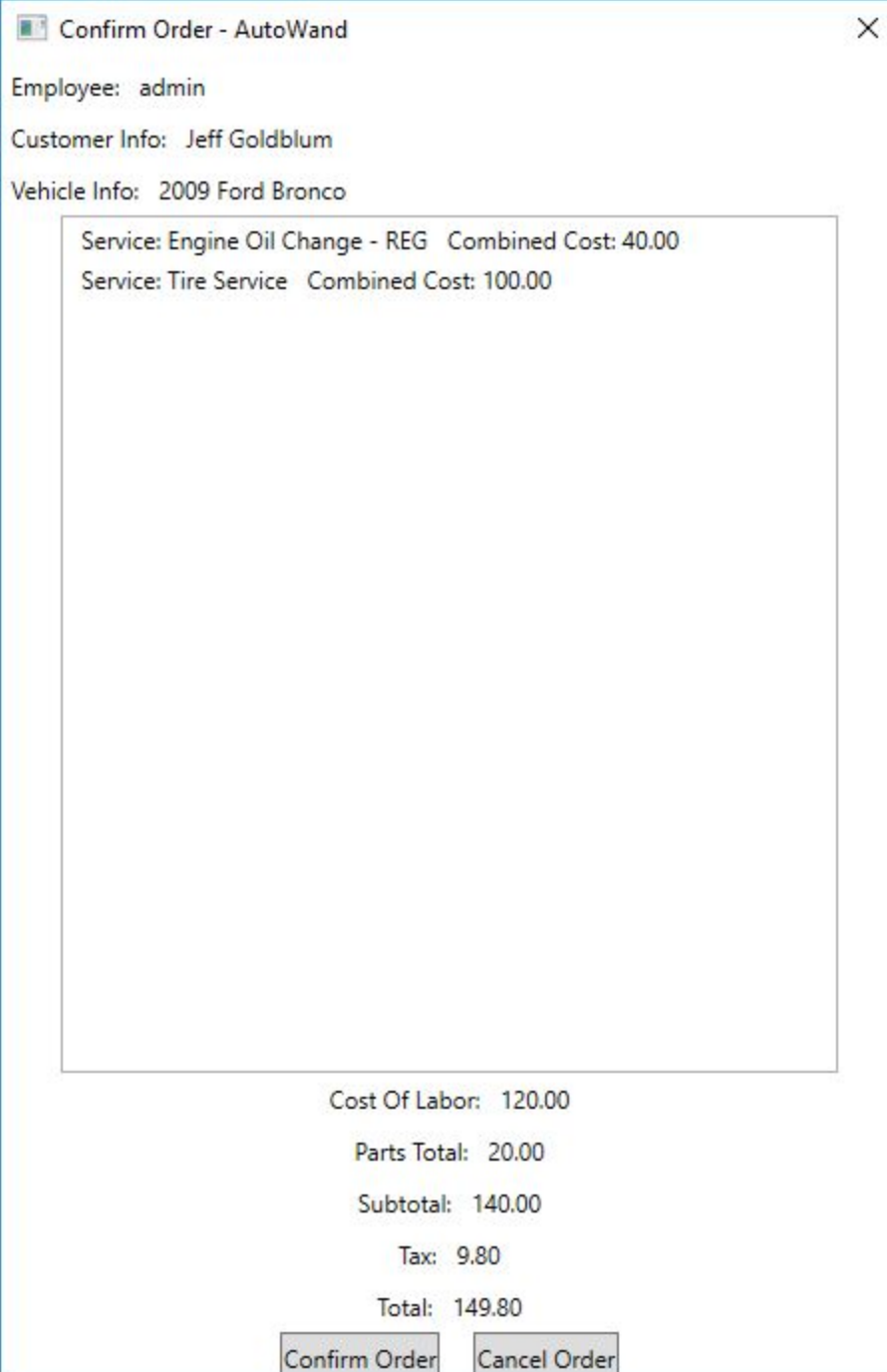


A screenshot of a Windows-style dialog box titled "Add Service - AutoWand". The dialog box has a standard title bar with a close button (X) in the top right corner. Inside the dialog, there are three text input fields. The first field is labeled "Name:" and is the longest. Below it is a field labeled "Parts Cost:". Below that is a field labeled "Labor Cost:". At the bottom of the dialog, there are two buttons: "Add Service" on the left and "Cancel" on the right. The dialog box has a light blue border and a white background.

*Add Service window*

## Confirm Order

In the Confirm Order window, the order is displayed similarly to an invoice with a cost breakdown. Users can confirm the details of the order with the customer before continuing. In deployment, confirming the order will print an invoice for the customer to sign. In the demo, it terminates the program.



The screenshot shows a window titled "Confirm Order - AutoWand" with a close button (X) in the top right corner. The window displays the following information:

- Employee: admin
- Customer Info: Jeff Goldblum
- Vehicle Info: 2009 Ford Bronco

A large rectangular box contains the following service details:

- Service: Engine Oil Change - REG Combined Cost: 40.00
- Service: Tire Service Combined Cost: 100.00

Below this box, the following cost breakdown is displayed:

- Cost Of Labor: 120.00
- Parts Total: 20.00
- Subtotal: 140.00
- Tax: 9.80
- Total: 149.80

At the bottom of the window, there are two buttons: "Confirm Order" and "Cancel Order".

*Confirm Order window*