

JOB ROLE – AUTOMOTIVE SERVICE TECHNICIAN

Sector: Automotive
(Qualification Pack Code : ASC/Q1401)



PSS Central Institute of Vocational Education
Shyamla Hills, Bhopal – 462013, Madhya Pradesh, India

www.psscive.ac.in

Unit – 3: Vehicle Servicing
Session 1: Washing of a vehicle

Content

| Title | Slide No. |
|---------------------------------------|-----------|
| Session Objective | 4 |
| Introduction | 5-6 |
| Steps for manually cleaning a vehicle | 7-10 |
| About Service Station | 10-13 |
| Summary | 14 |

Session Objectives

1. The student will be able to explain importance of washing.
2. Able to list general steps during washing.

Introduction

In this Unit, you will develop an understanding of the methods of washing car, procedure for changing of oil, coolant; lubricants, air and water filter of a vehicle, so that the efficiency of a vehicle increases. We may call the person cleaning a vehicle, carwash wala. He comes in the morning to your house, collects the keys of your vehicle and cleans the car. Generally this person keeps two type of cloths with himself first one is dry and other one is wet. Dry cloth is used first for removing dust and the wet cloth is used for cleaning.

You can see in these photographs, a carwash wala is manually cleaning the vehicle.



Proper steps for manually cleaning a vehicle

We will learn here the step by step practice to be followed while washing a vehicle our selves

- It is suggested that a shady spot should be chosen, preferably away from trees so that the car doesn't get leaves etc.
- All the doors and windows should be closed.
- Take a bucket of clean water and pour one full spoon of car soap



Proper steps for manually cleaning a vehicle

- Remove the dirt from the car, starting at the roof and getting down to the tyres.
- Take a sponge or terry cloth piece in the bucket of soapy water and sponge the roof of the car.
- Spray off excess soap when the entire roof has been cleaned



Proper steps for manually cleaning a vehicle

- Clean the tyre sidewalls with a plastic brush
- Clean the car with the water pipe properly, so that, there is no soap or dirt spot.
- Take an old towel and dry the car thoroughly by setting the towel flat against the surface of the car and dragging it along the surface to pick up any water spots. Start from the roof and work your way down to the tyres.

Proper steps for manually cleaning a vehicle

- For cleaning the windows use pieces of newspaper on both the inside and the outside of the windows. Rub and clean metal or chrome parts so that there are no water spots.



Fig : Car washing with cloth

Precautions during washing

- Wear old clothes for this job.
- Soap dries fast. Wash one side at a time to keep the soap from drying on your car's paint.
- Wet and wring out your clothes before you dry; it will absorb water better.
- Do not use detergent, dish soap. Detergent, dish soap is designed for dishes. Use car wash soap only.

Washing at a Service Station

Similarly, a vehicle is also washed at service station or a car wash station. The service stations use automatic washing unit in which procedure of washing takes place. In an automatic washing unit, cleaning as well as shampoo washing takes place. You can view here a photo of automatic washing unit.

Washing at a Service Station

You may plan a visit to nearest car service station and observe how the washing of a vehicle is taking place. You may see that water is sprayed on the car with the help of mist sprayer. Brushes are used for cleaning the body of a vehicle.



Fig : Automatic car washing unit

Summary

In this session we have learnt and understand the methods of washing car, procedure for changing of oil, coolant; lubricants, air and water filter of a vehicle, so that the efficiency of a vehicle increases

Project Coordinator : Dr. Saurabh Prakash

**Assistance
Er. Kuber Singh , Consultant**



Joint Director
PSS Central Institute of Vocational Education
Shyamla Hills, Bhopal – 462013 , Madhya Pradesh, India

**E-mail: jdpsscive@gmail.com
Tel. +91 755 2660691, 2704100, 2660391, 2660564
Fax +91 755 2660481
Website: www.psscive.ac.in**