

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

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Unit – 3: Vehicle Servicing
Session 4: Changing of fuel filter

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Session Objectives

1. The student will be Able to explain importance of fuel filter
2. After this Session student Can Able to identify fuel filter

Introduction

Changing a vehicle's fuel filter is a regular part of normal maintenance. Dirt in the fuel is captured in the filter and over time clogs the filter, causing it to operate less efficiently. The clogged filter reduces fuel pressure to the vehicle. Replace the filter at the manufacturer's recommended interval.

Basic Steps

- Purchase the filter.
- Locate the old filter - it may be in the engine compartment or under the car near the fuel tank.
- If recommended by manufacturer, follow procedure to remove fuel pressure.
- Unscrew each hose clamp bolt until it nearly comes apart from the nut.
- Push the clamp up the hose
- Remove the old filter and replace with new filter
- Run the engine and check for leaks.

Basic Steps



Basic Steps



Summary

- In this session you have learnt a following , Changing a vehicle's fuel filter is a regular part of normal maintenance. Dirt in the fuel is captured in the filter and over time clogs the filter, causing it to operate less efficiently .

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